

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028349.D
 Acq On : 27 Nov 2018 20:38
 Operator : MD/SY
 Sample : VU1127WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Manual Integrations
 APPROVED

sam
 11/28/2018 5:25:16 PM

Quant Time: Nov 28 05:06:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	204077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	360249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	329956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	157325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	185107	61.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.02%	
35) Dibromofluoromethane	4.88	113	130915	57.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.28%	
50) Toluene-d8	7.57	98	502397	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
62) 4-Bromofluorobenzene	10.30	95	182878	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	42378	16.34	ug/l	100
3) Chloromethane	1.33	50	96147	30.66	ug/l	97
4) Vinyl Chloride	1.40	62	67782	21.78	ug/l	98
5) Bromomethane	1.61	94	23363	20.53	ug/l	96
6) Chloroethane	1.69	64	41317	23.03	ug/l	96
7) Trichlorofluoromethane	1.88	101	76384	21.24	ug/l	98
8) Diethyl Ether	2.10	74	36541	23.73	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	45042	21.08	ug/l	97
10) Methyl Iodide	2.41	142	39736	24.87	ug/l	99
11) Tert butyl alcohol	2.83	59	89001	110.80	ug/l	100
12) 1,1-Dichloroethene	2.28	96	45174	21.12	ug/l	100
13) Acrolein	2.20	56	16499	50.42	ug/l	98
14) Allyl chloride	2.59	41	114075	21.82	ug/l	99
15) Acrylonitrile	2.94	53	227406	115.25	ug/l	99
16) Acetone	2.32	43	210806	111.98	ug/l	99
17) Carbon Disulfide	2.48	76	145413	20.80	ug/l	100
18) Methyl Acetate	2.61	43	127870	24.69	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	188242	21.82	ug/l	98
20) Methylene Chloride	2.70	84	69252	25.20	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	50663	20.53	ug/l	96
22) Diisopropyl ether	3.57	45	243375	22.55	ug/l	99
23) Vinyl Acetate	3.52	43	994500	107.22	ug/l	99
24) 1,1-Dichloroethane	3.44	63	118339	22.01	ug/l	98
25) 2-Butanone	4.26	43	339397	113.33	ug/l	99
26) 2,2-Dichloropropane	4.22	77	88358	21.90	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	59324	21.43	ug/l	96
28) Bromochloromethane	4.55	49	66587	26.42	ug/l	94
29) Tetrahydrofuran	4.64	42	217595	108.81	ug/l	99
30) Chloroform	4.67	83	106467	21.60	ug/l	96
31) Cyclohexane	5.00	56	112901	20.40	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	85431	21.77	ug/l	97
36) 1,1-Dichloropropene	5.14	75	78124	20.71	ug/l	98
37) Ethyl Acetate	4.38	43	115895	20.96	ug/l	98
38) Carbon Tetrachloride	5.13	117	68084	20.36	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87496	19.23	ug/l	96
40) Benzene	5.39	78	243871	21.14	ug/l	99
41) Methacrylonitrile	4.54	41	68721	23.29	ug/l	98
42) 1,2-Dichloroethane	5.40	62	90699	22.12	ug/l	97
43) Isopropyl Acetate	5.55	43	187577	21.66	ug/l	99
44) Trichloroethene	6.19	130	52652	21.23	ug/l	95
45) 1,2-Dichloropropane	6.43	63	72650	21.84	ug/l	100
46) Dibromomethane	6.56	93	41970	21.95	ug/l	94
47) Bromodichloromethane	6.76	83	84085	22.82	ug/l	96
48) Methyl methacrylate	6.62	41	96801	22.81	ug/l	98
49) 1,4-Dioxane	6.61	88	34710	501.25	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	625124	108.07	ug/l	99
52) Toluene	7.64	92	140229	20.68	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	97180	21.91	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	102470	22.56	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	58232	21.11	ug/l	98
56) Ethyl methacrylate	8.02	69	100151	20.58	ug/l	96
57) 1,3-Dichloropropane	8.24	76	108318	21.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	277280	106.40	ug/l	98
59) 2-Hexanone	8.36	43	489678	109.46	ug/l	97
60) Dibromochloromethane	8.48	129	55188	21.14	ug/l	98
61) 1,2-Dibromoethane	8.58	107	60681	20.70	ug/l	99
64) Tetrachloroethene	8.23	164	45814	21.41	ug/l	97
65) Chlorobenzene	9.12	112	144527	20.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	47896	20.12	ug/l	96
67) Ethyl Benzene	9.25	91	270375	21.07	ug/l	98
68) m/p-Xylenes	9.37	106	191080	41.04	ug/l	94
69) o-Xylene	9.78	106	95911	20.40	ug/l	99
70) Styrene	9.79	104	155960	20.76	ug/l	99
71) Bromoform	9.96	173	41317	20.70	ug/l #	99
73) Isopropylbenzene	10.16	105	253453	20.80	ug/l	98
74) N-amyl acetate	10.01	43	160676	21.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	108067	21.98	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	95414m	22.17	ug/l	
77) Bromobenzene	10.45	156	56897	20.36	ug/l	89
78) n-propylbenzene	10.58	91	311005	21.32	ug/l	99
79) 2-Chlorotoluene	10.66	91	187025	21.39	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	212804	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	32089m	18.78	ug/l	
82) 4-Chlorotoluene	10.77	91	210481	21.20	ug/l	97
83) tert-Butylbenzene	11.10	119	201996	20.01	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	217456	21.39	ug/l	98
85) sec-Butylbenzene	11.32	105	257512	20.98	ug/l	99
86) p-Isopropyltoluene	11.48	119	208345	20.30	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	104760	20.29	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	105473	19.93	ug/l	98
89) n-Butylbenzene	11.89	91	203367	20.85	ug/l	97
90) Hexachloroethane	12.14	117	30124	16.49	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	107651	20.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23809	22.98	ug/l	90

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	65135	18.33	ug/l	98
94) Hexachlorobutadiene	13.69	225	31474	19.07	ug/l	97
95) Naphthalene	13.74	128	245839	18.94	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	69742	20.02	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

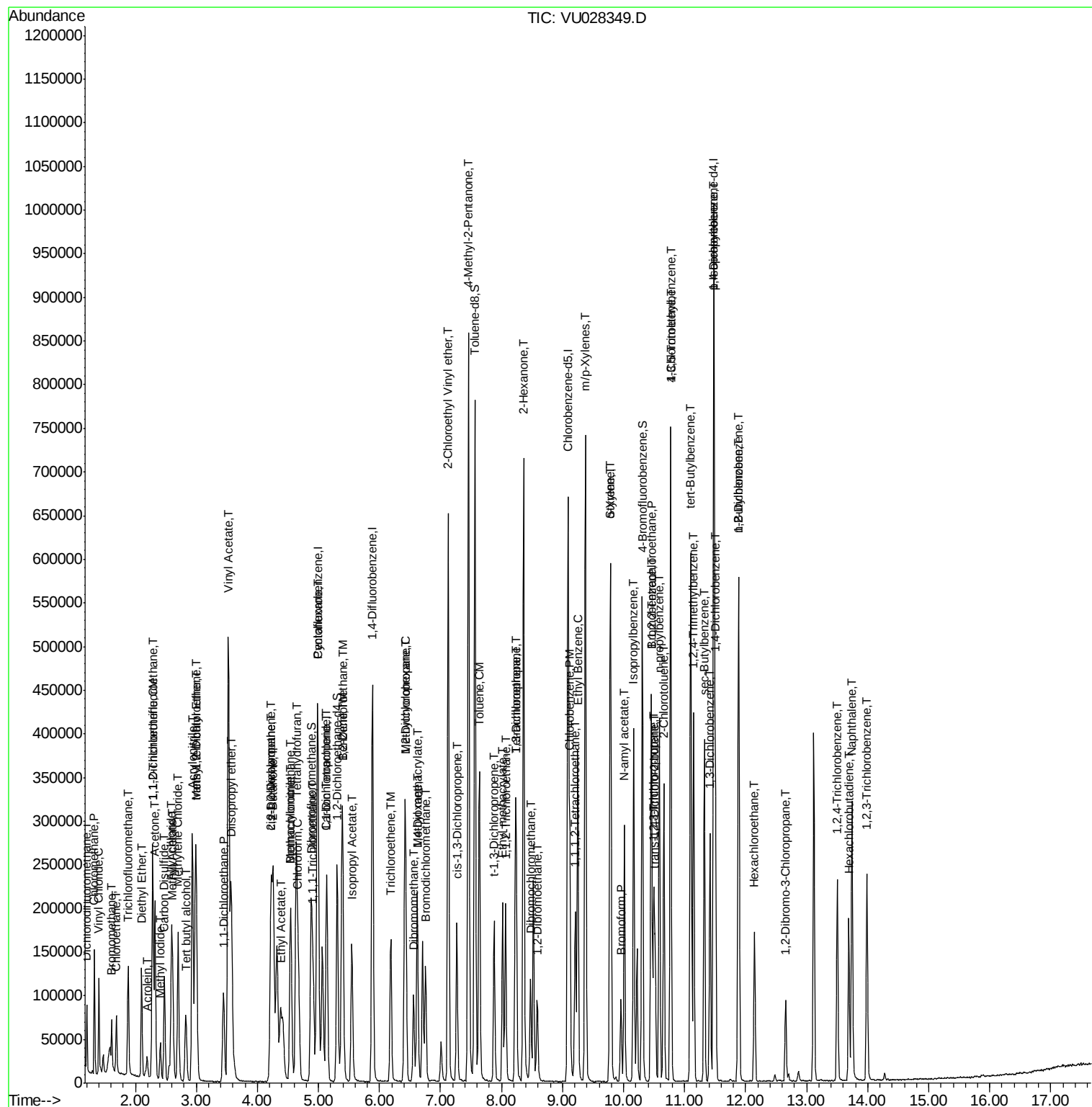
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
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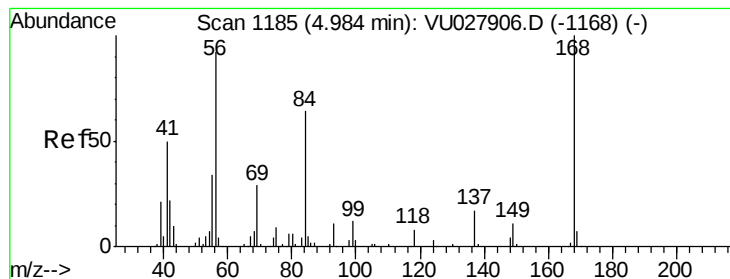
Instrument :
MSVOA_U
ClientSampleID :
VU1127WBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion:168 Resp: 204077

Ion Ratio Lower Upper

168 100

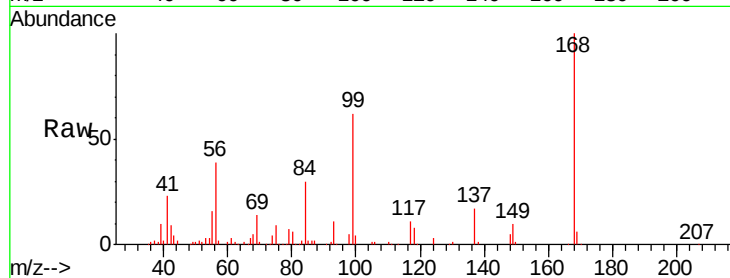
99 61.9 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.98

80000

60000

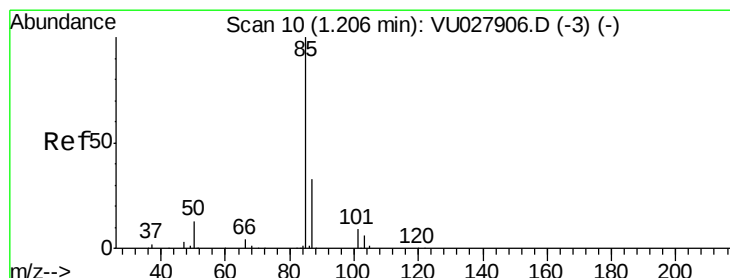
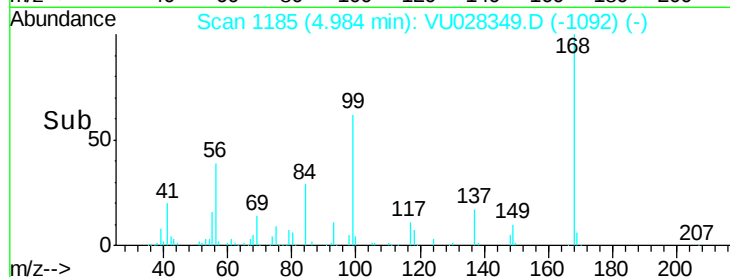
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.34 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028349.D

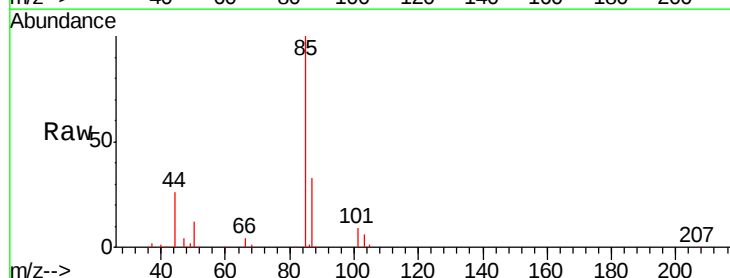
Acq: 27 Nov 2018 20:38

Tgt Ion: 85 Resp: 42378

Ion Ratio Lower Upper

85 100

87 33.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)

1.21

50000

40000

30000

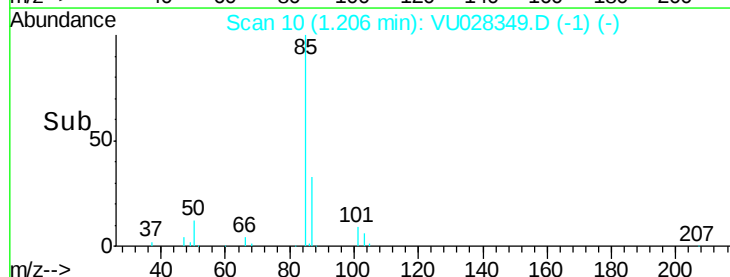
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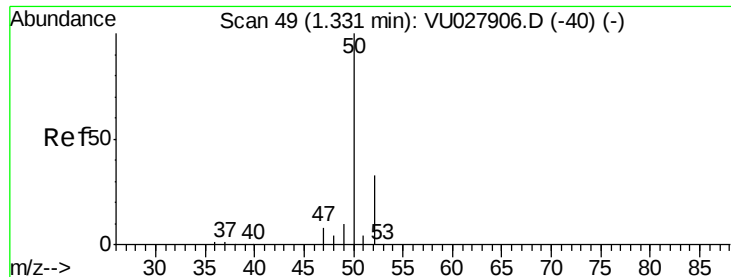
10000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 30.66 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 50 Resp: 96147

Ion Ratio Lower Upper

50 100

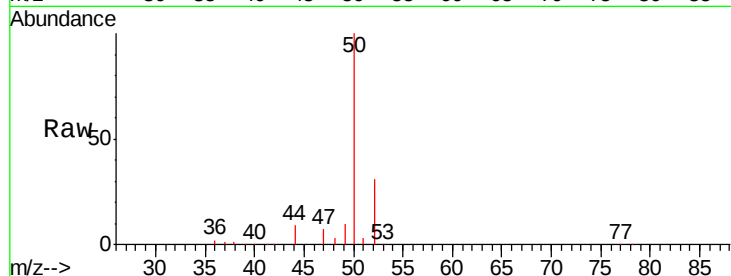
52 30.9 26.2 39.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

100000

80000

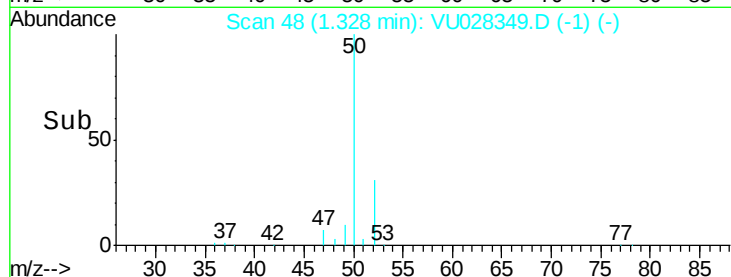
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40000

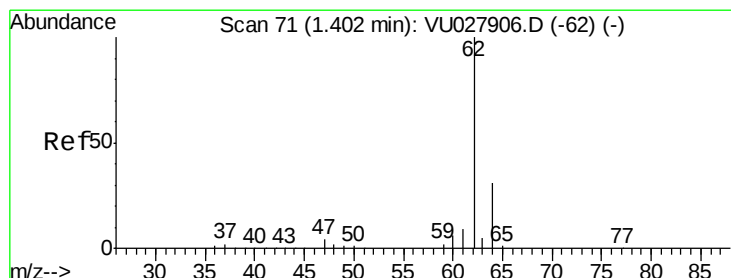
20000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 21.78 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028349.D

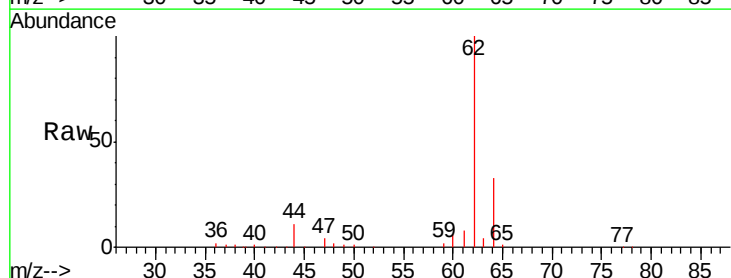
Acq: 27 Nov 2018 20:38

Tgt Ion: 62 Resp: 67782

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

80000

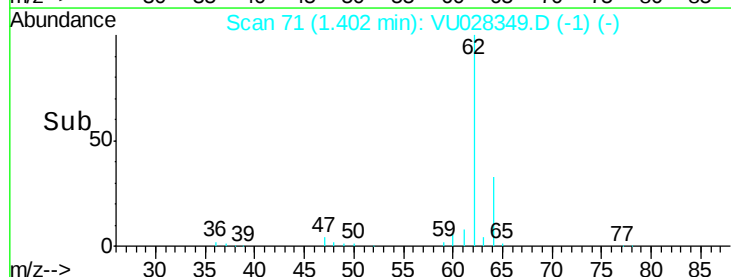
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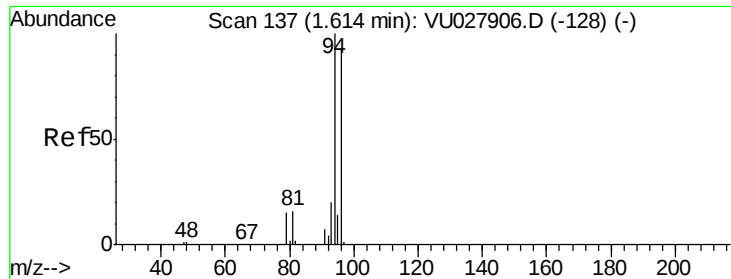
40000

20000

0

Time-->





#5

Bromomethane

Concen: 20.53 ug/l

RT: 1.61 min Scan# 136

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 94 Resp: 23363

Ion Ratio Lower Upper

94 100

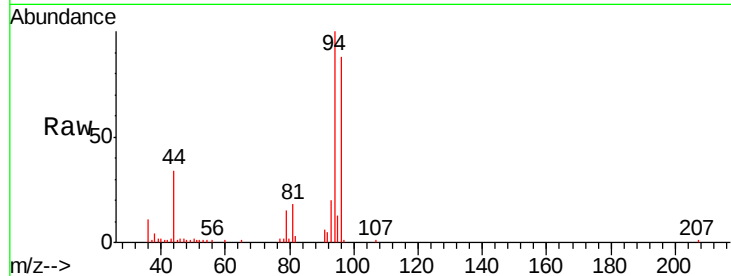
96 89.4 74.8 112.2

Manual Integrations

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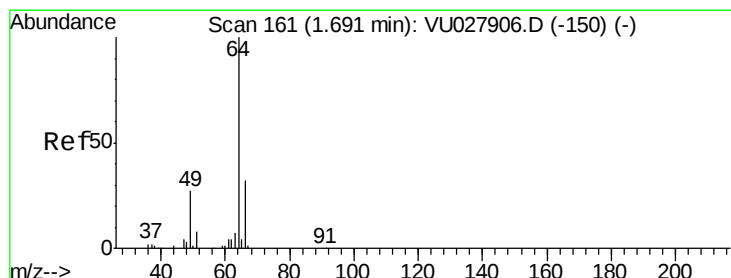
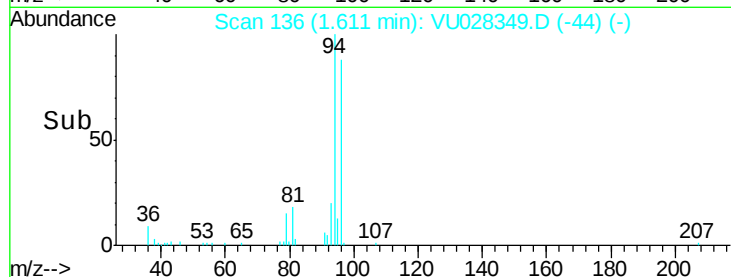
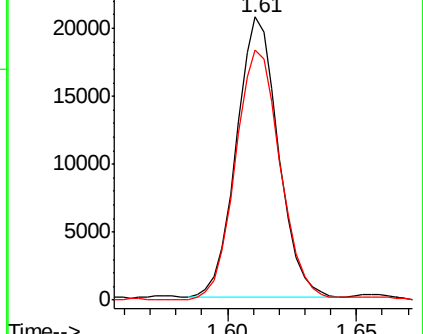
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 23.03 ug/l

RT: 1.69 min Scan# 160

Delta R.T. -0.00 min

Lab File: VU028349.D

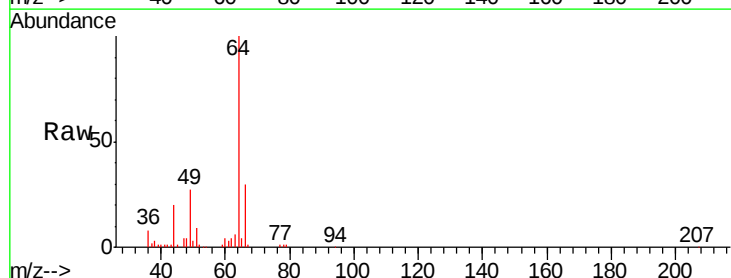
Acq: 27 Nov 2018 20:38

Tgt Ion: 64 Resp: 41317

Ion Ratio Lower Upper

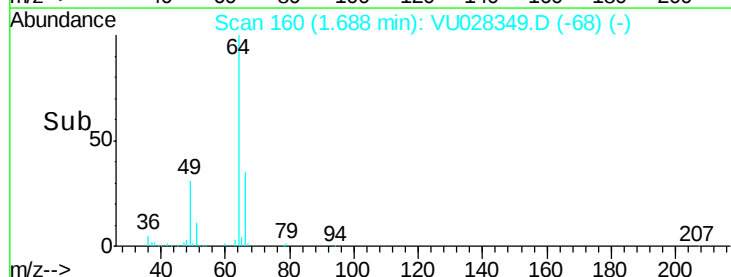
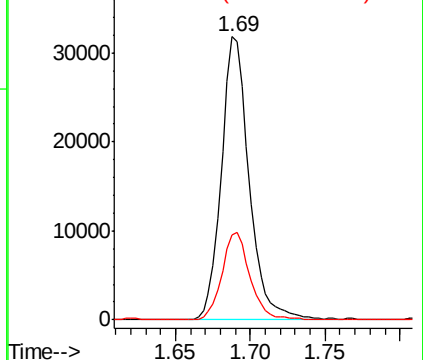
64 100

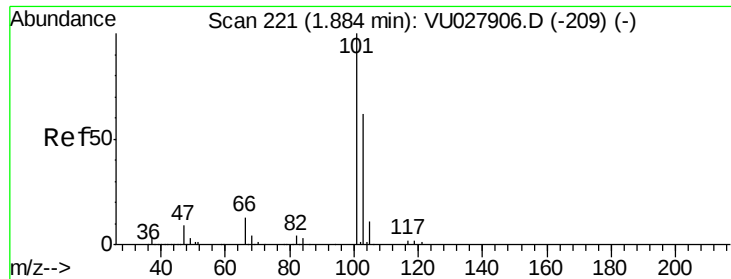
66 30.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

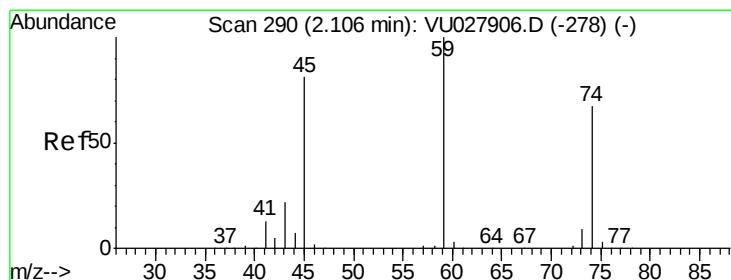
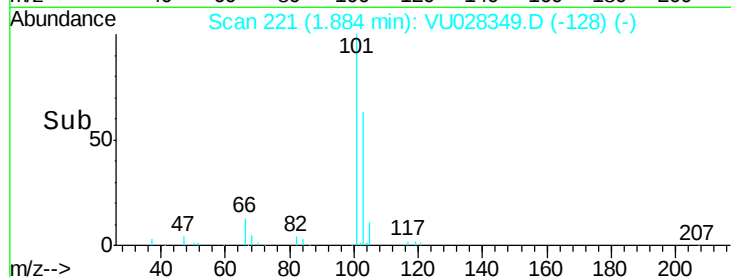
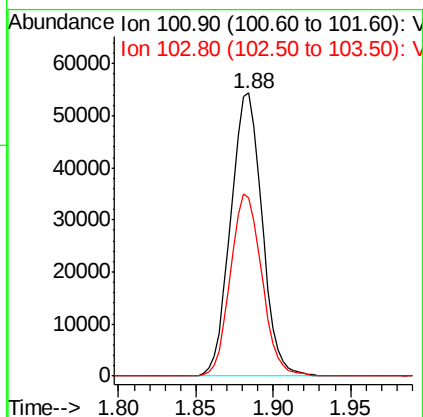
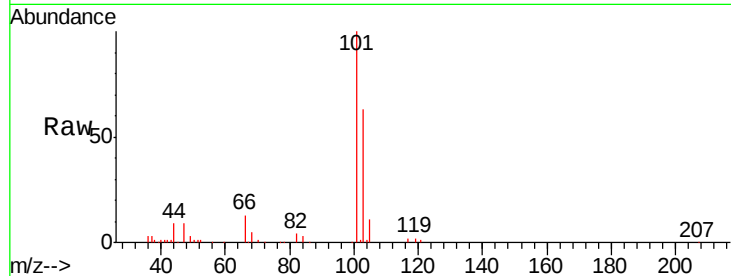
Trichlorofluoromethane
Concen: 21.24 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion: 101 Resp: 76384
Ion Ratio Lower Upper
101 100
103 63.2 49.4 74.2

Manual Integrations
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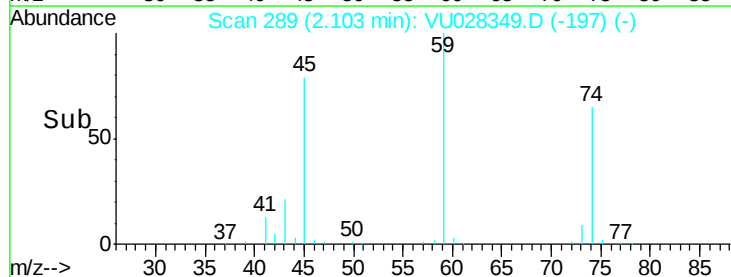
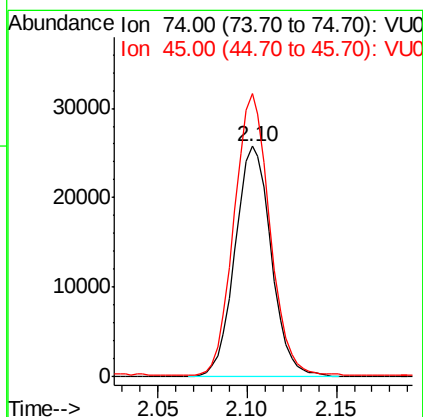
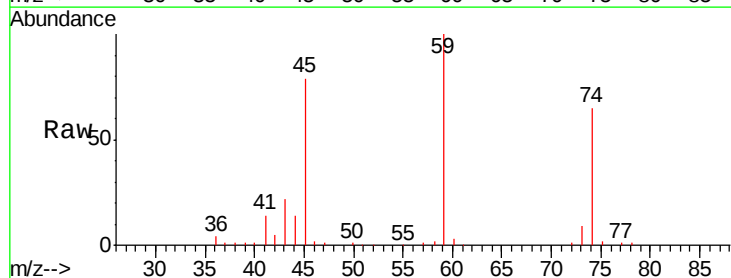
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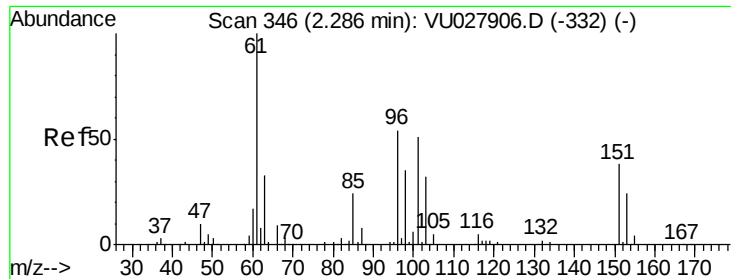


#8

Diethyl Ether
Concen: 23.73 ug/l
RT: 2.10 min Scan# 289
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion: 74 Resp: 36541
Ion Ratio Lower Upper
74 100
45 120.8 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.08 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

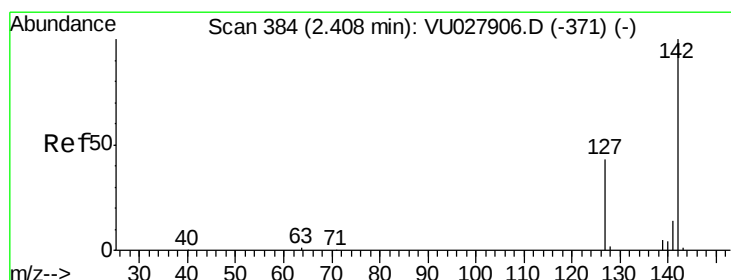
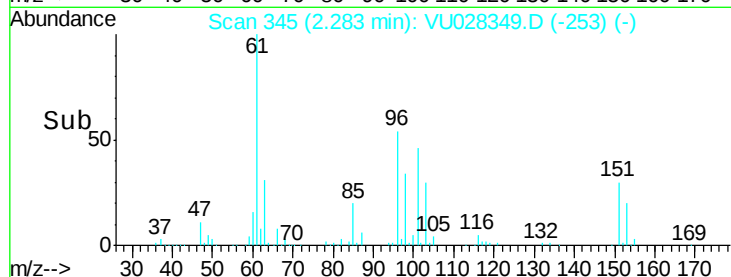
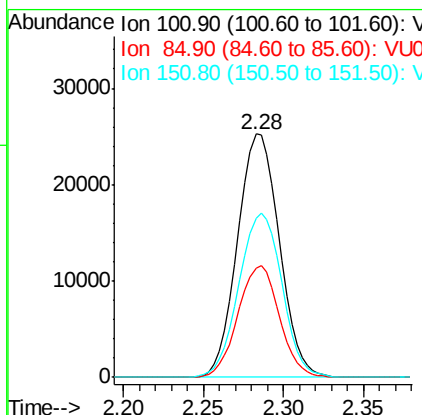
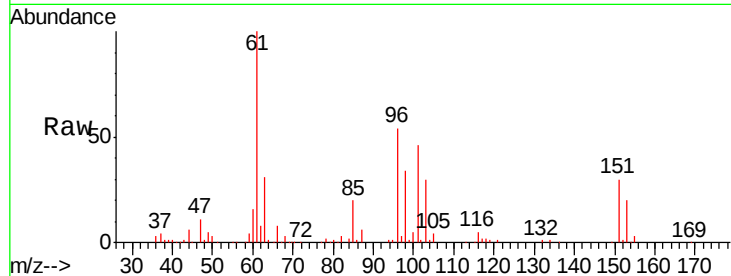
ClientSampleId :

VU1127WBSD01

Tgt Ion:	101	Resp:	45042
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.9	55.3
151	69.5	58.0	87.0

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#10

Methyl Iodide

Concen: 24.87 ug/l

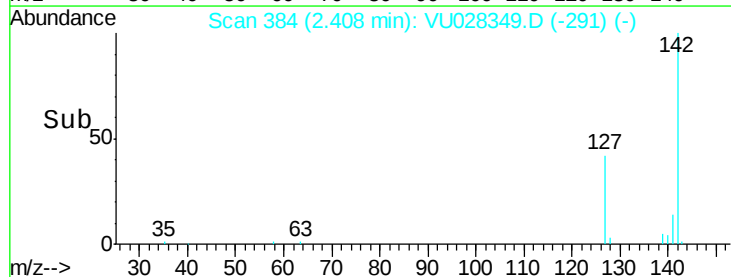
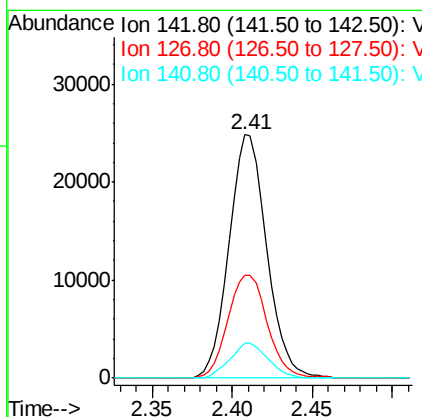
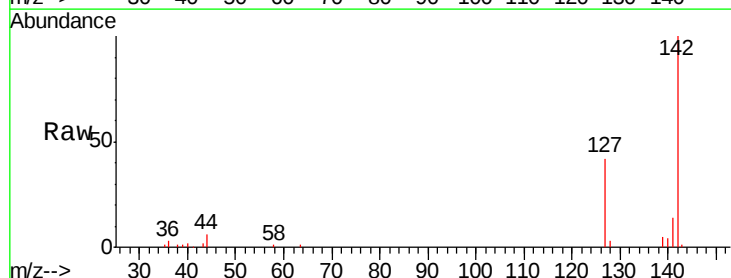
RT: 2.41 min Scan# 384

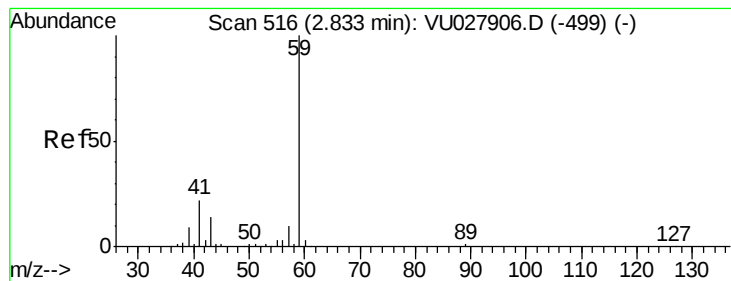
Delta R.T. 0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	142	Resp:	39736
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.2	52.8
141	14.3	11.8	17.8





#11

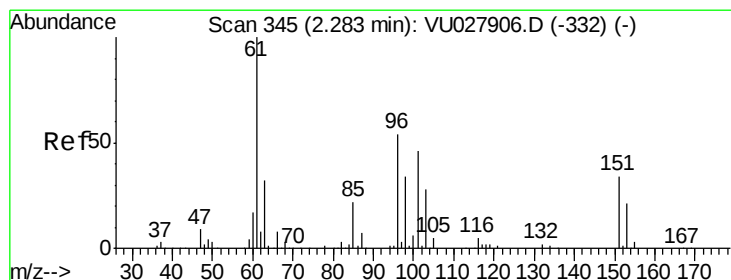
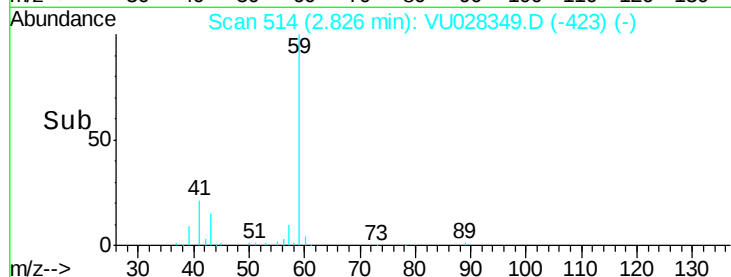
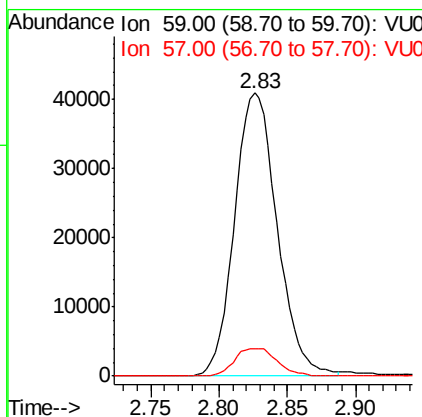
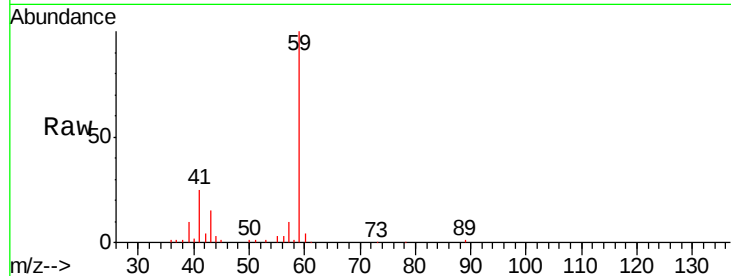
Tert butyl alcohol
Concen: 110.80 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

Manual Integrations
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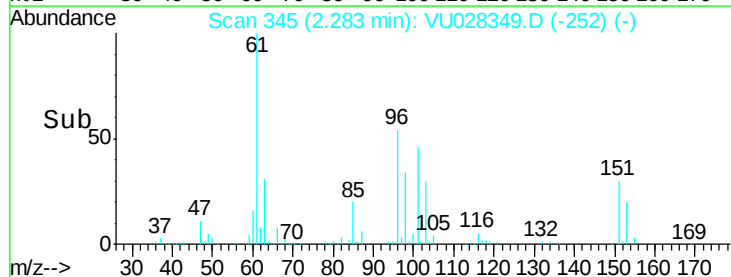
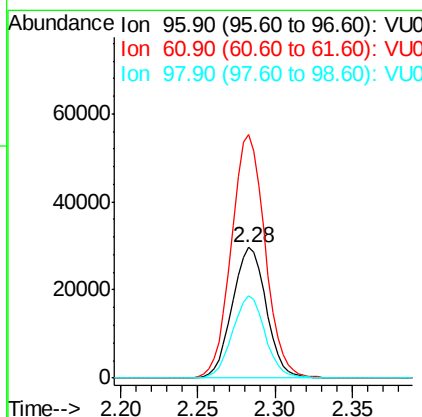
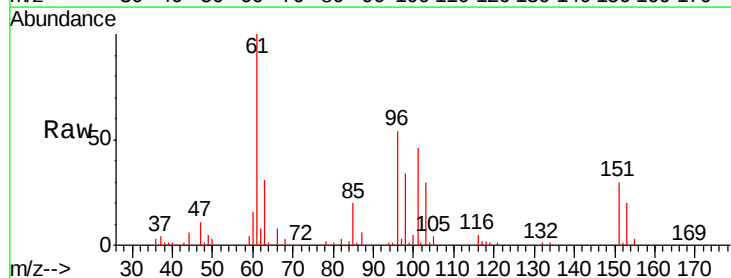
Sam
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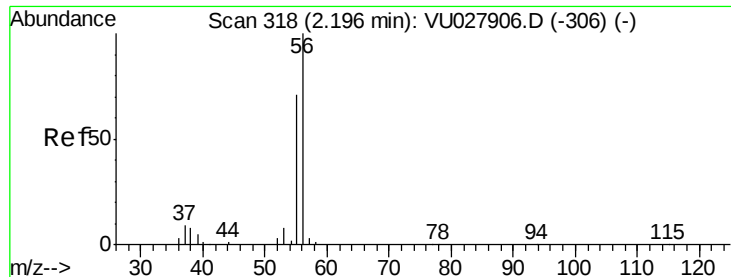


#12

1,1-Dichloroethene
Concen: 21.12 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.6	149.3	223.9
98	63.2	50.6	75.8





#13

Acrolein

Concen: 50.42 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 56 Resp: 16499

Ion Ratio Lower Upper

56 100

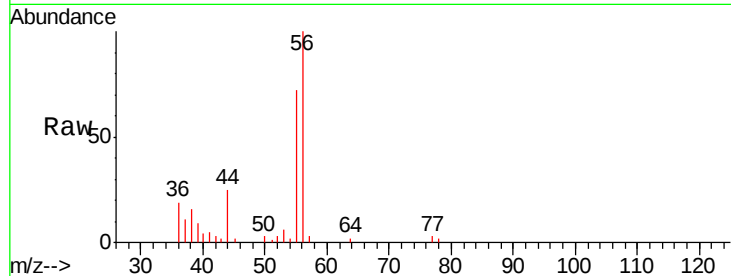
55 72.0 56.2 84.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VU028349.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU028349.D (-224) (-)

2.20

12000

10000

8000

6000

4000

2000

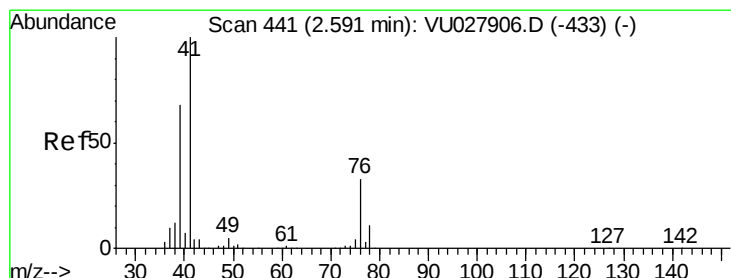
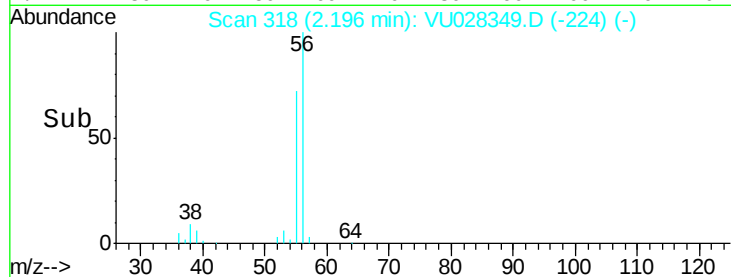
0

Time-->

2.15

2.20

2.25



#14

Allyl chloride

Concen: 21.82 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

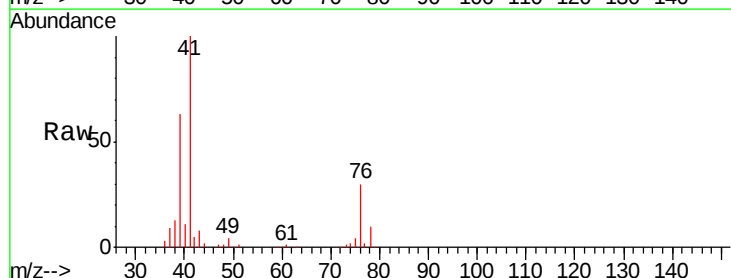
Tgt Ion: 41 Resp: 114075

Ion Ratio Lower Upper

41 100

39 64.8 51.9 77.9

76 28.6 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VU028349.D (-348) (-)

Ion 39.00 (38.70 to 39.70): VU028349.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU028349.D (-348) (-)

2.59

80000

60000

40000

20000

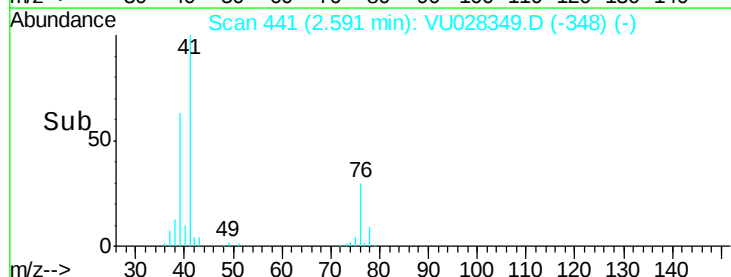
0

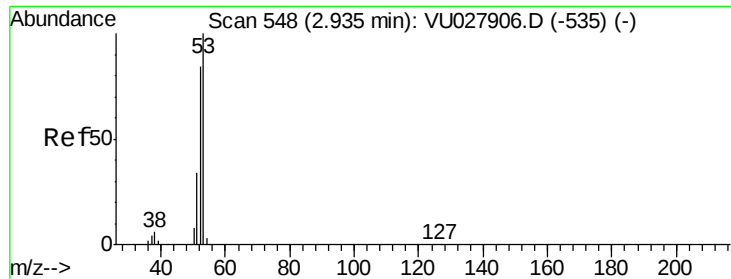
Time-->

2.55

2.60

2.65





#15

Acrylonitrile

Concen: 115.25 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

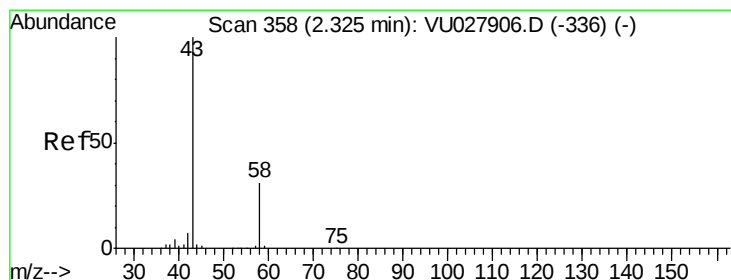
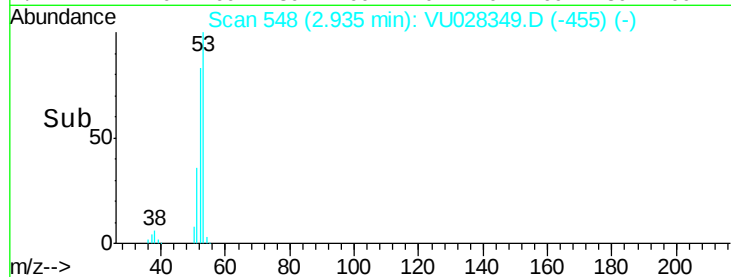
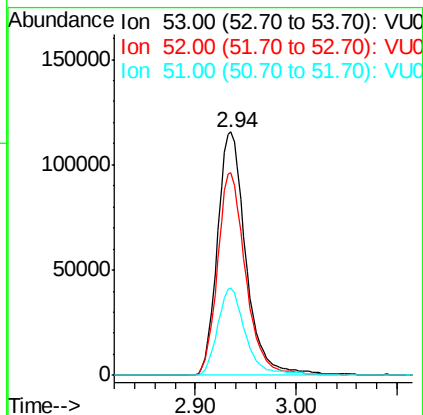
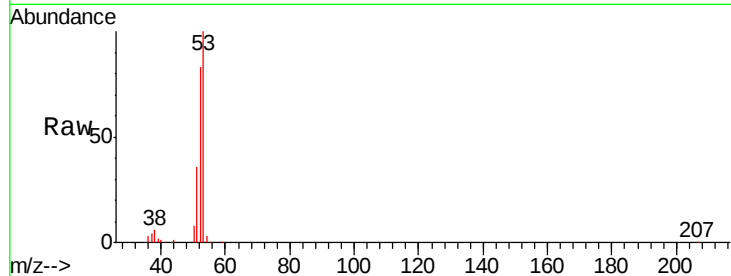
ClientSampleId :

VU1127WBSD01

Tgt Ion:	53	Resp:	227406
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.5	27.0	40.4

Manual Integrations
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#16

Acetone

Concen: 111.98 ug/l

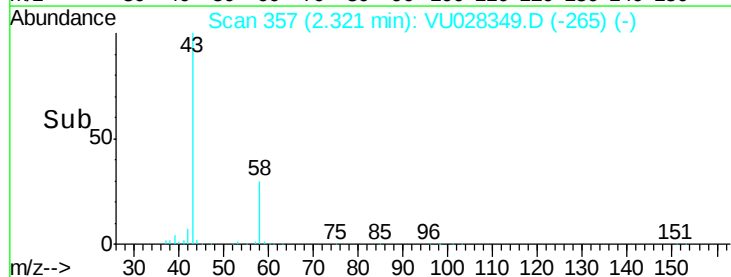
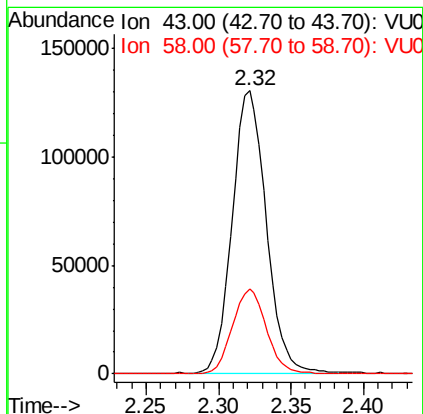
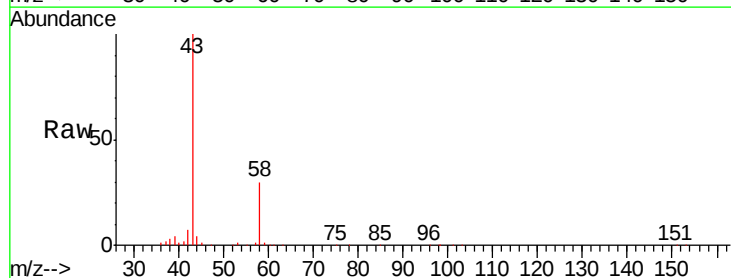
RT: 2.32 min Scan# 357

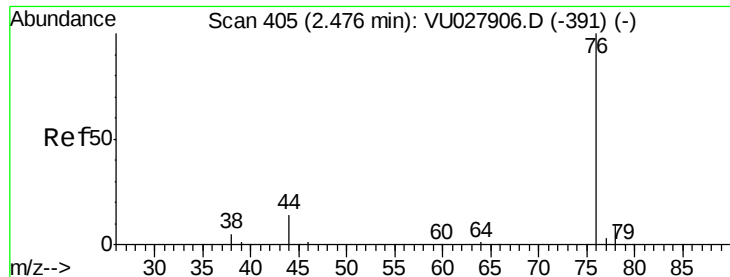
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	43	Resp:	210806
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.6	37.0





#17

Carbon Disulfide

Concen: 20.80 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 76 Resp: 145413

Ion Ratio Lower Upper

76 100

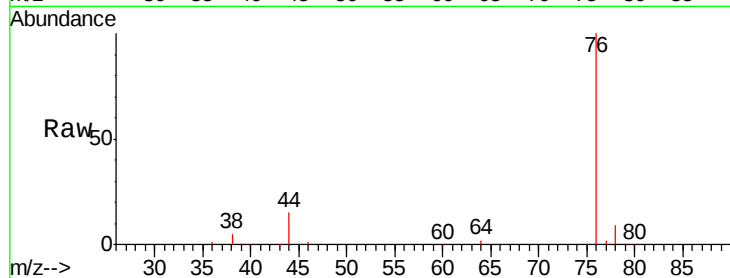
78 9.0 7.4 11.0

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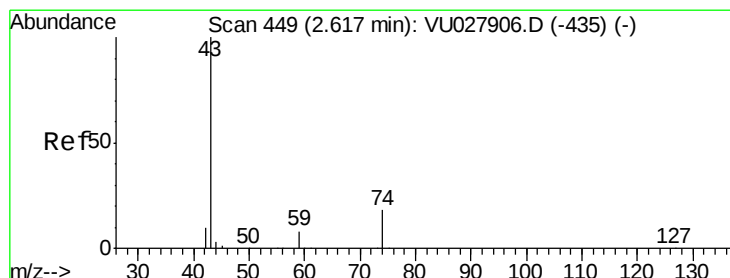
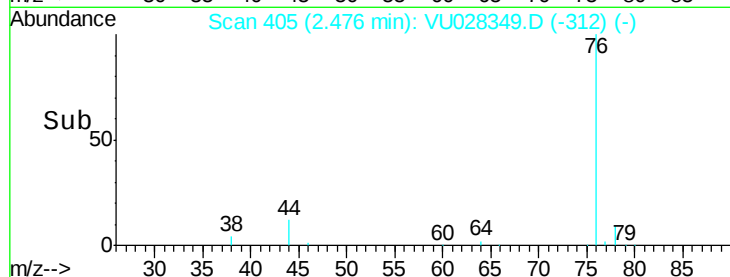
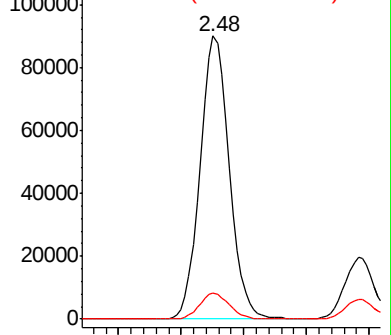
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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 24.69 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028349.D

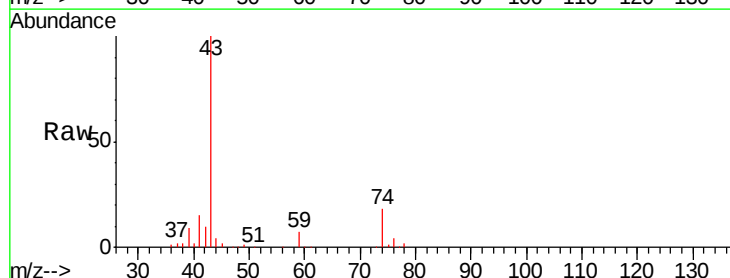
Acq: 27 Nov 2018 20:38

Tgt Ion: 43 Resp: 127870

Ion Ratio Lower Upper

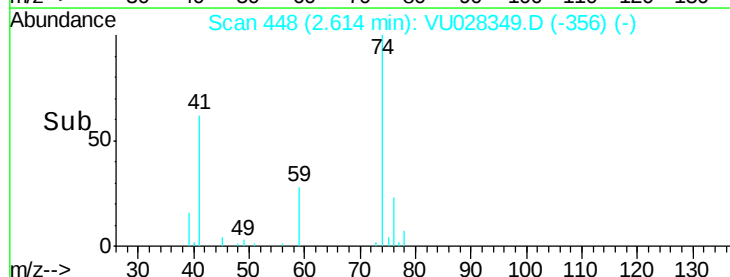
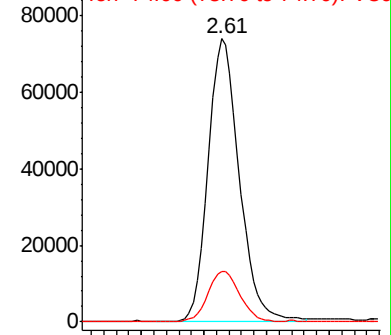
43 100

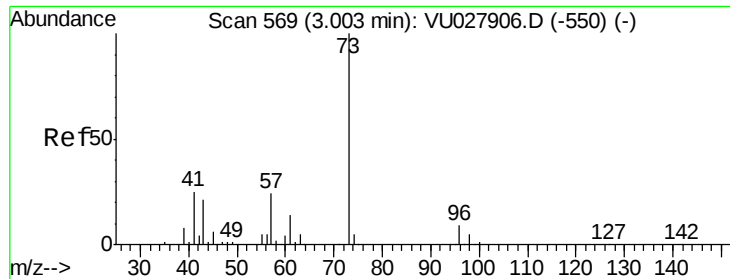
74 18.5 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





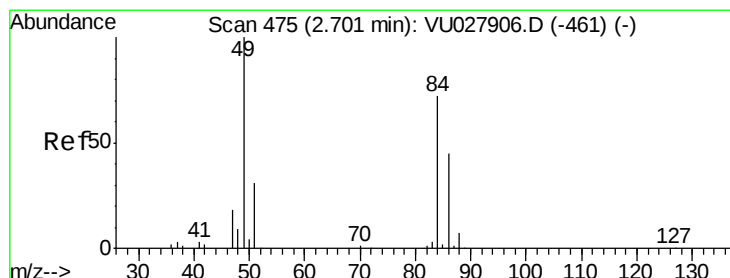
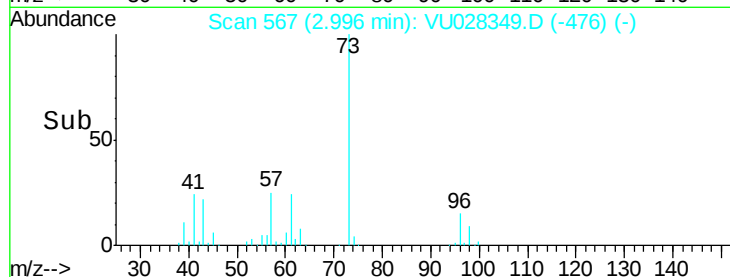
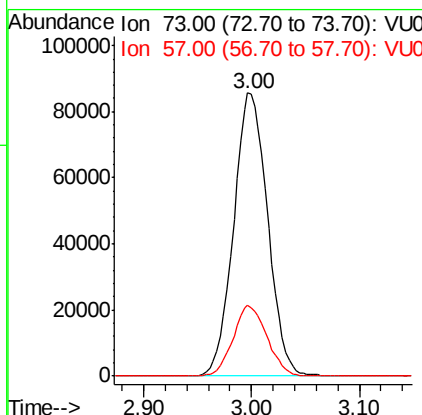
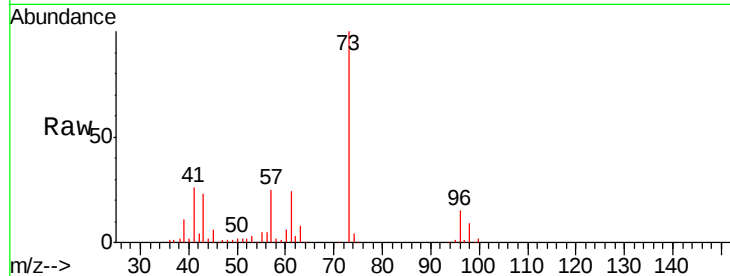
#19
Methyl tert-butyl Ether
Concen: 21.82 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.01 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	25.0	19.3	28.9

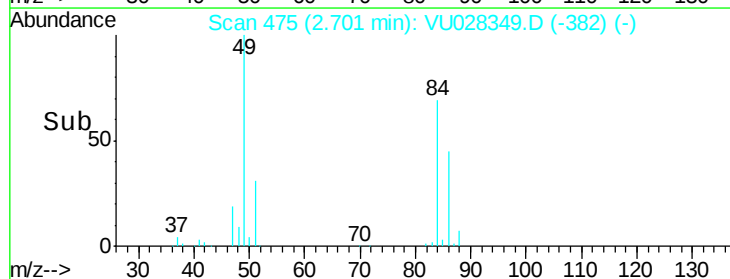
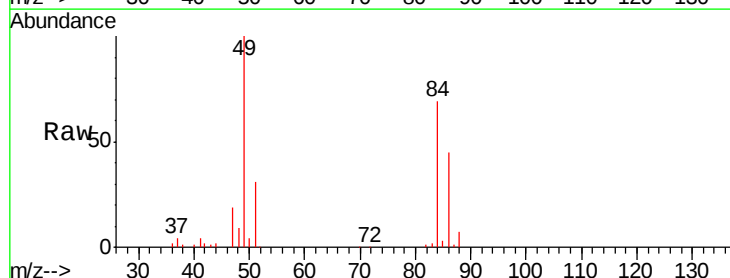
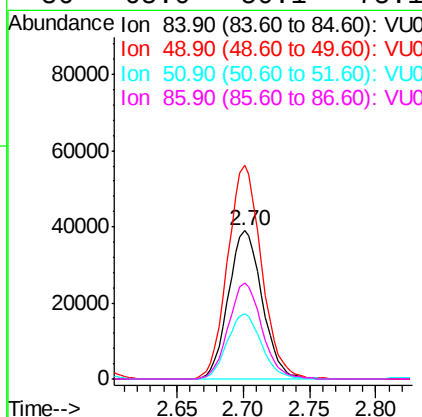
Manual Integrations
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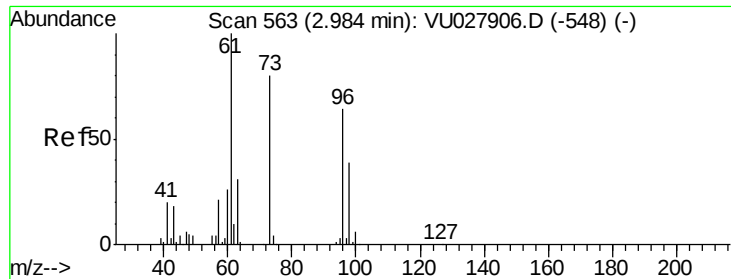
sam
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#20
Methylene Chloride
Concen: 25.20 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.0	111.6	167.4
51	43.9	34.8	52.2
86	65.0	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 20.53 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 96 Resp: 50663

Ion Ratio Lower Upper

96 100

61 158.7 125.0 187.6

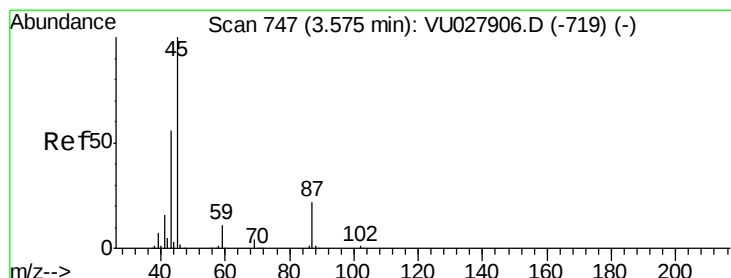
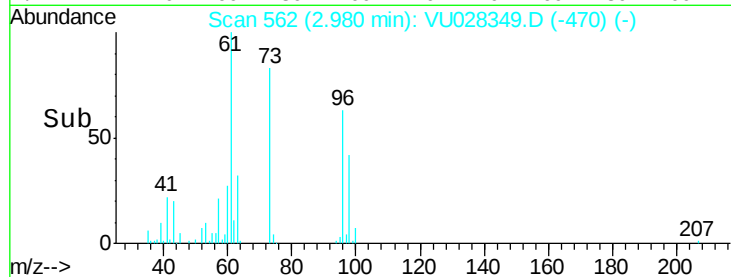
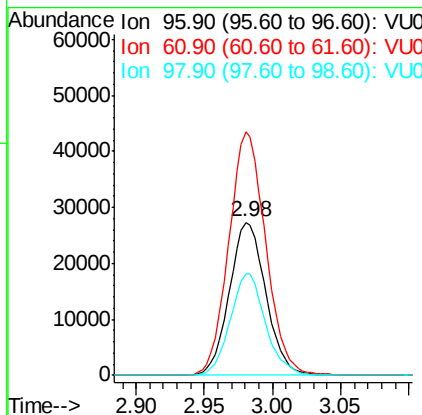
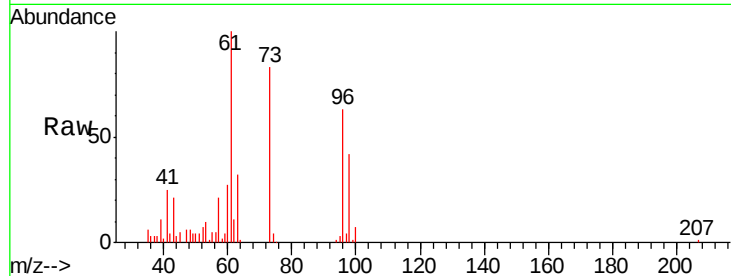
98 66.1 48.2 72.4

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#22

Diisopropyl ether

Concen: 22.55 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion: 45 Resp: 243375

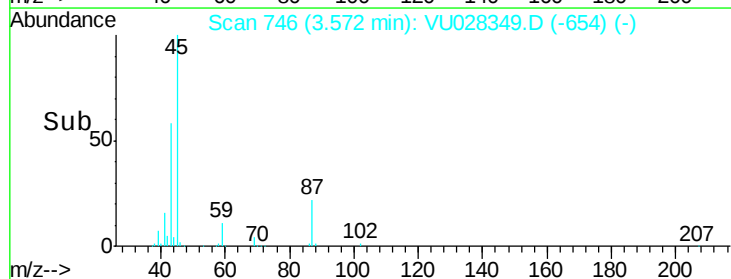
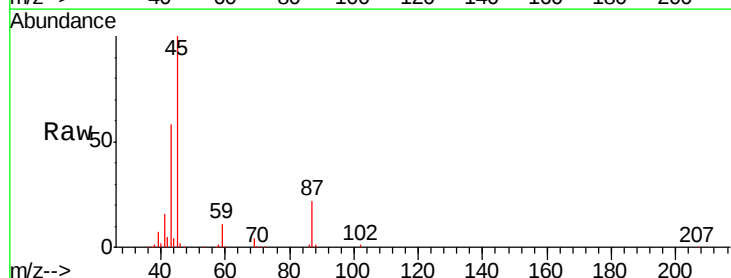
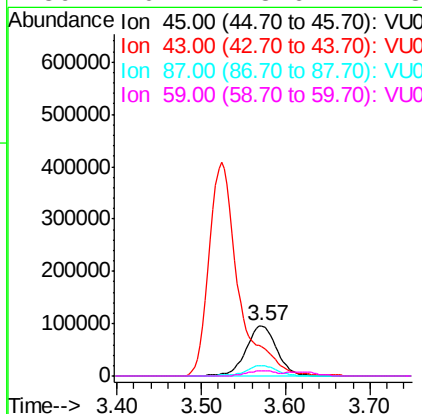
Ion Ratio Lower Upper

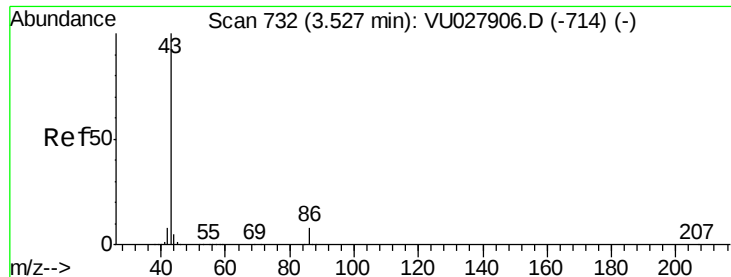
45 100

43 56.1 45.0 67.6

87 21.5 17.9 26.9

59 10.7 8.6 12.8





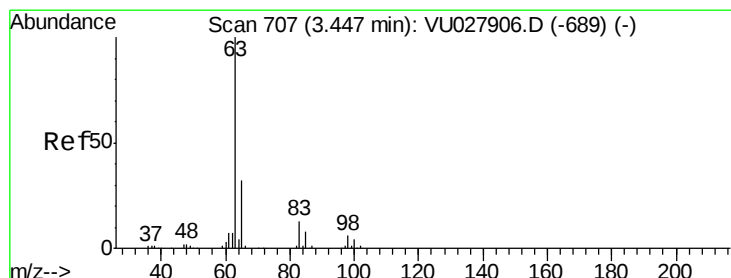
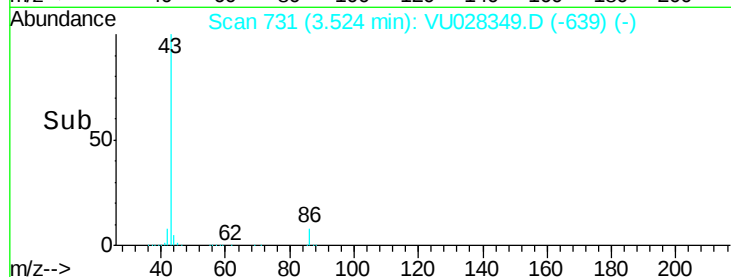
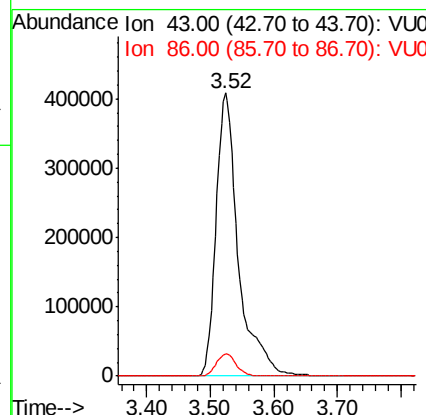
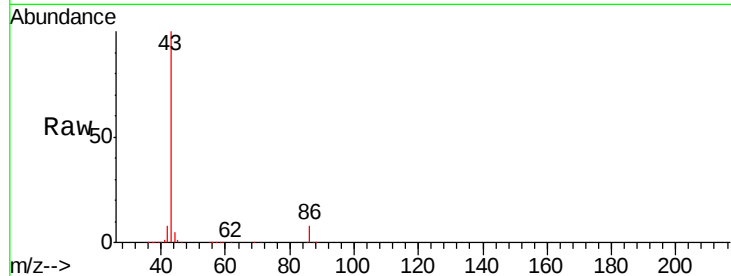
#23
 Vinyl Acetate
 Concen: 107.22 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.6	9.8

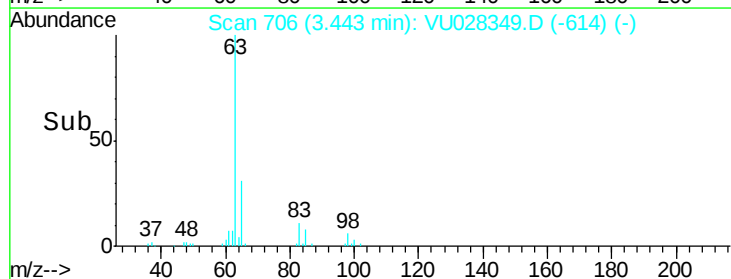
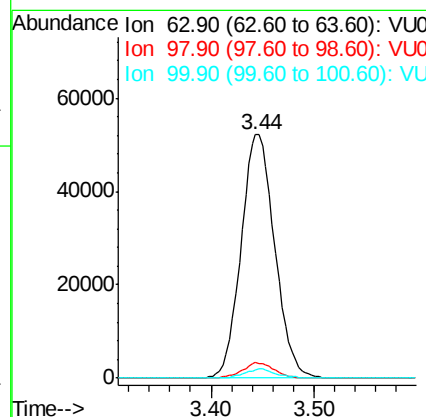
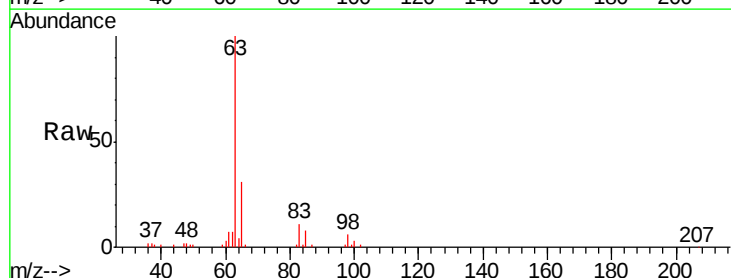
Manual Integrations
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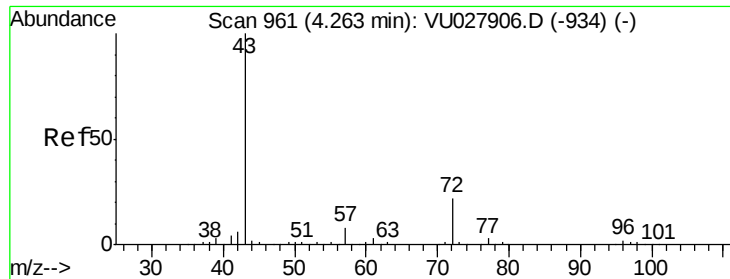
sam
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#24
 1,1-Dichloroethane
 Concen: 22.01 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.9	8.6
100	3.3	2.0	6.0





#25

2-Butanone

Concen: 113.33 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 43 Resp: 339397

Ion Ratio Lower Upper

43 100

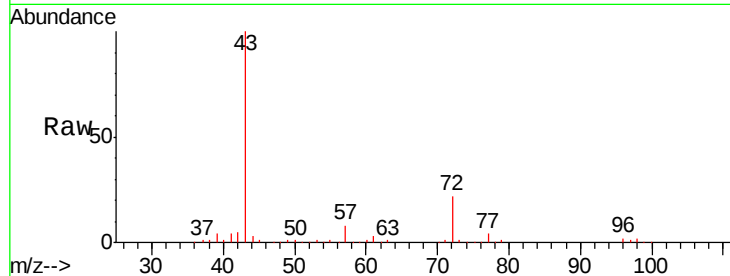
72 21.7 17.7 26.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

150000

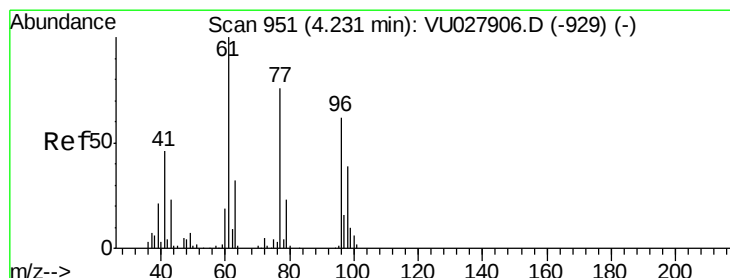
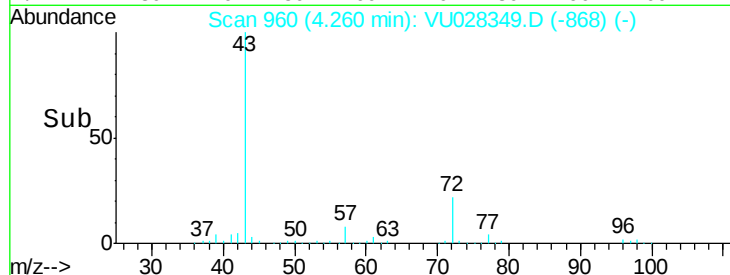
100000

50000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 21.90 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU028349.D

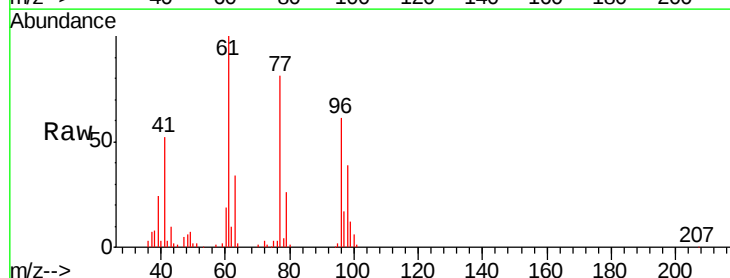
Acq: 27 Nov 2018 20:38

Tgt Ion: 77 Resp: 88358

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

30000

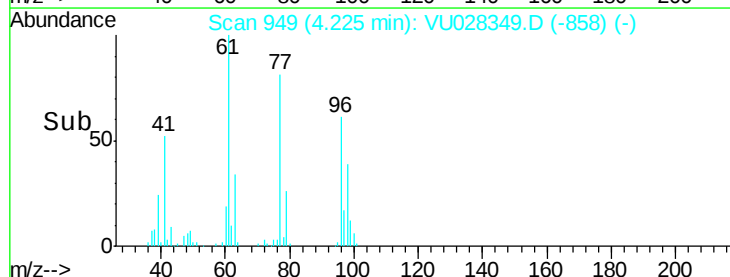
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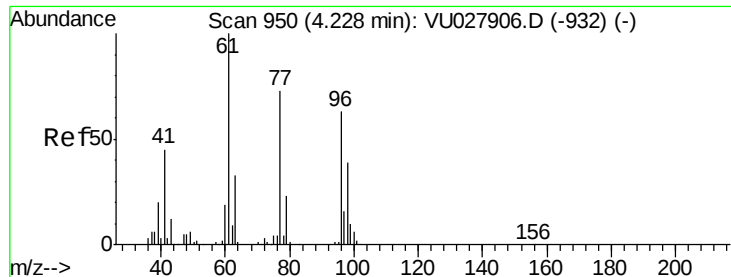
10000

0

4.10 4.20 4.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 21.43 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

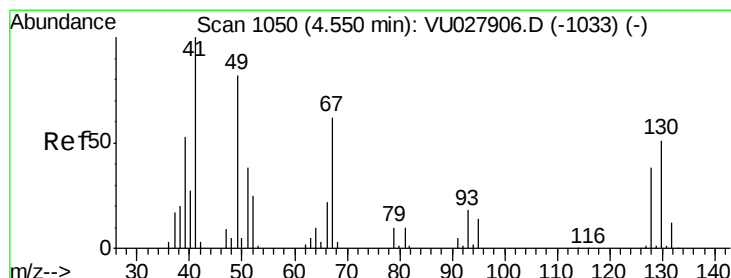
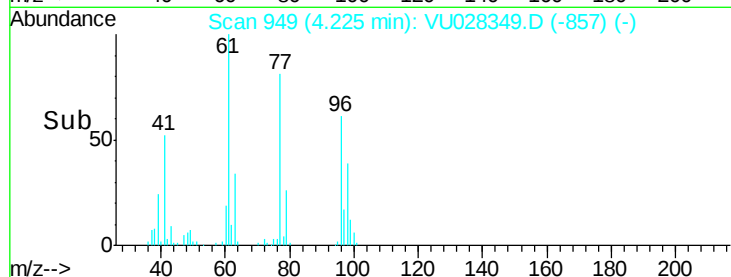
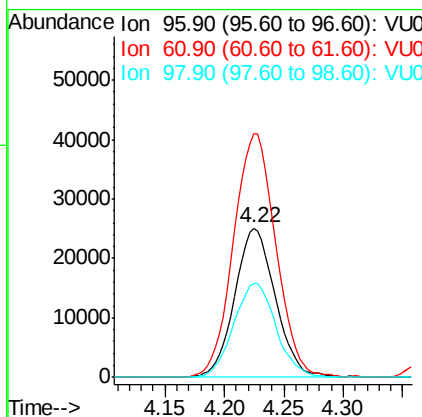
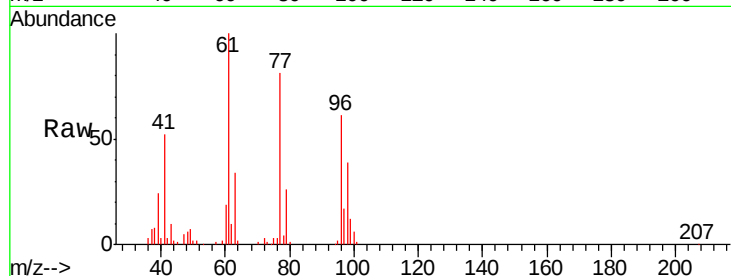
ClientSampleId :

VU1127WBSD01

Tgt Ion:	96	Resp:	59324
Ion	Ratio	Lower	Upper
96	100		
61	170.1	0.0	329.6
98	65.9	0.0	127.2

Manual Integrations
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#28

Bromochloromethane

Concen: 26.42 ug/l

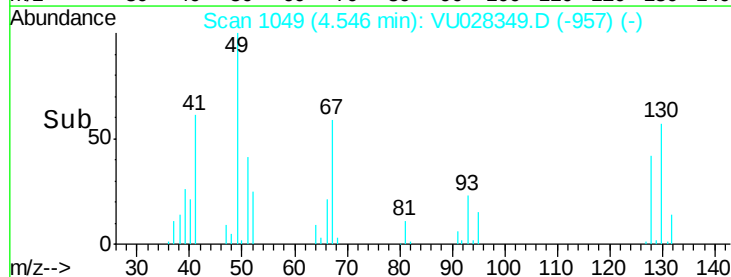
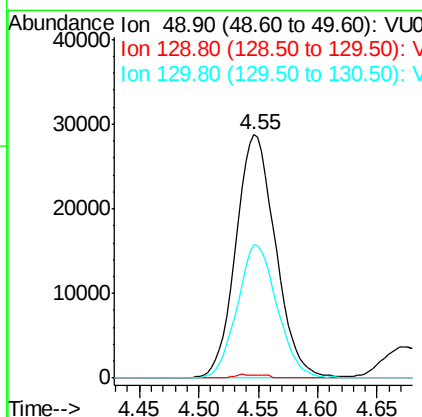
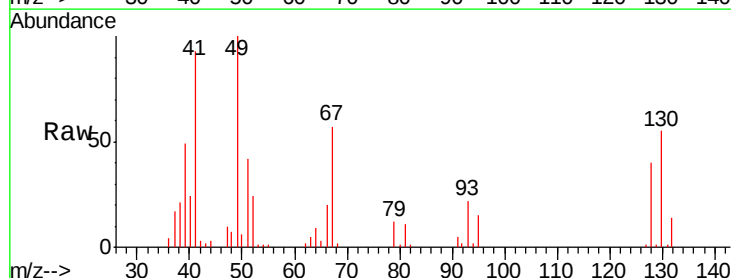
RT: 4.55 min Scan# 1049

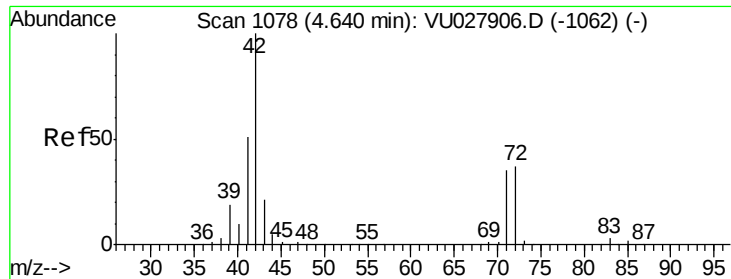
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	49	Resp:	66587
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.0
130	54.9	47.8	71.6





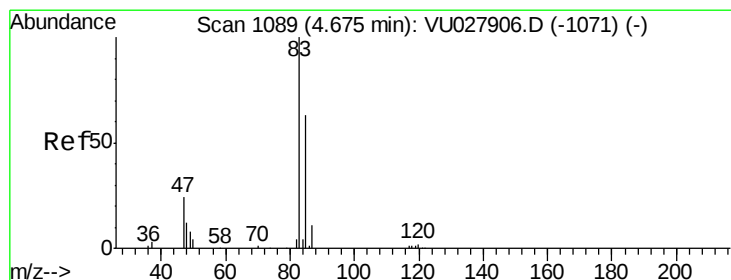
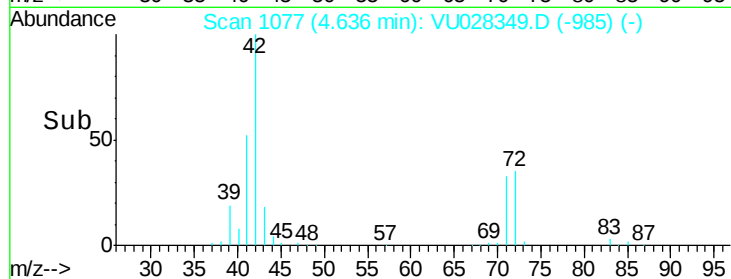
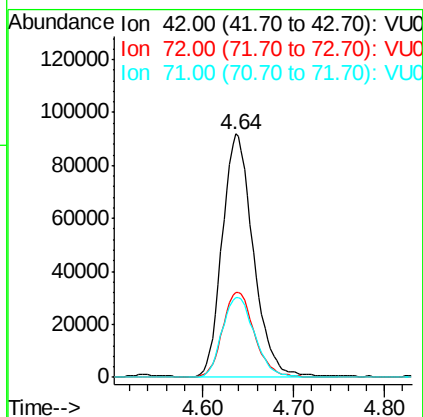
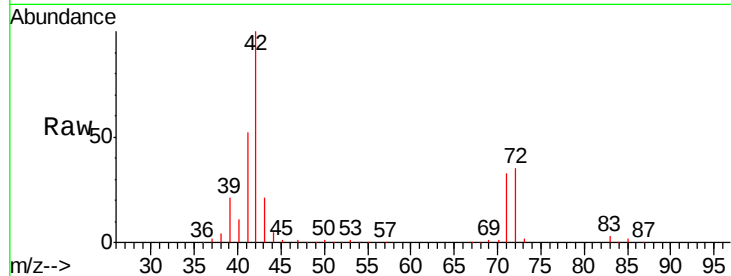
#29
Tetrahydrofuran
Concen: 108.81 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.0	29.4	44.0
71	34.5	27.9	41.9

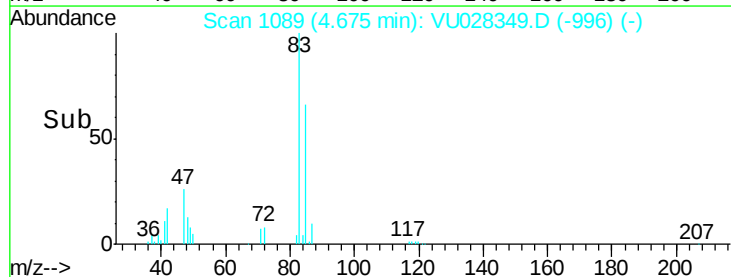
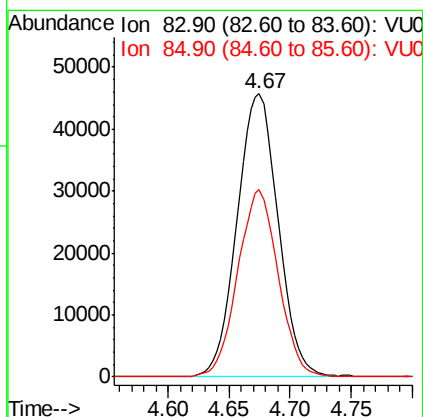
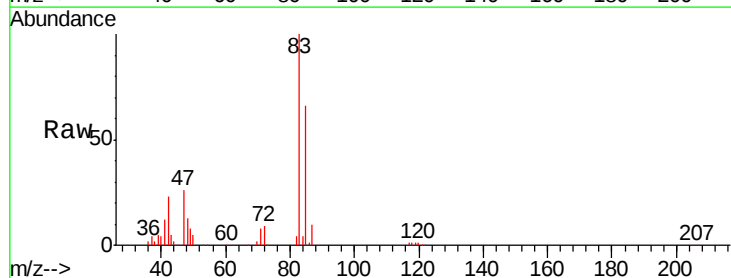
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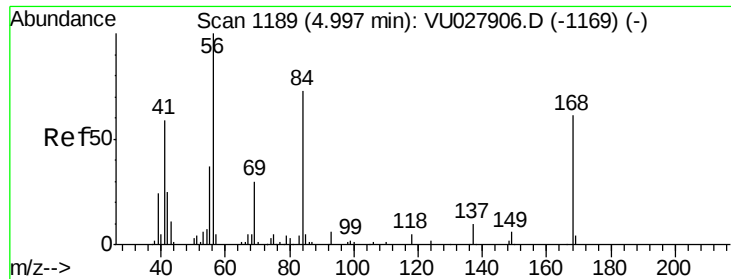
sam
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#30
Chloroform
Concen: 21.60 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.6	76.0





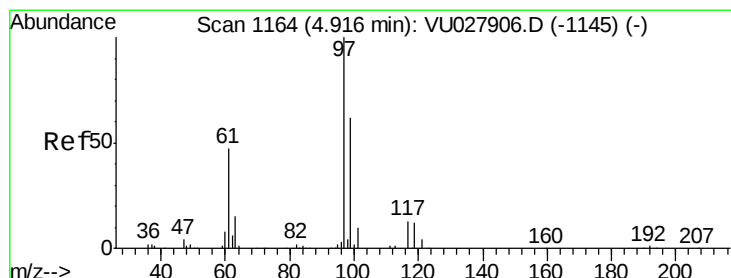
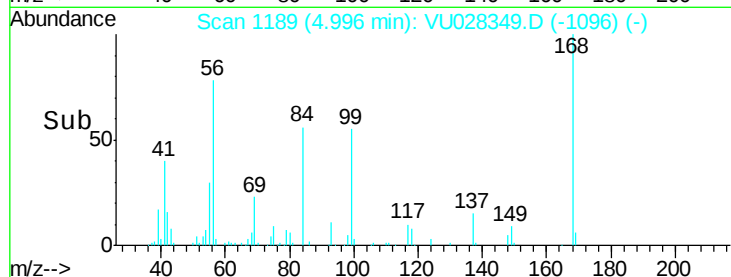
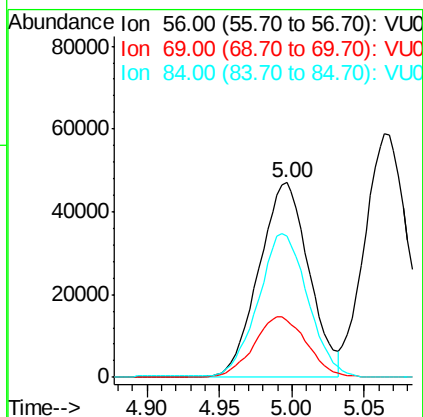
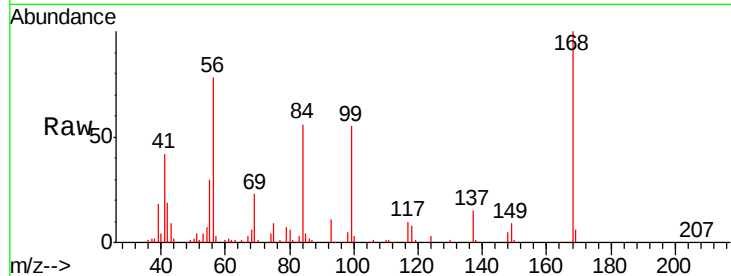
#31
Cyclohexane
Concen: 20.40 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	71.5	58.2	87.4

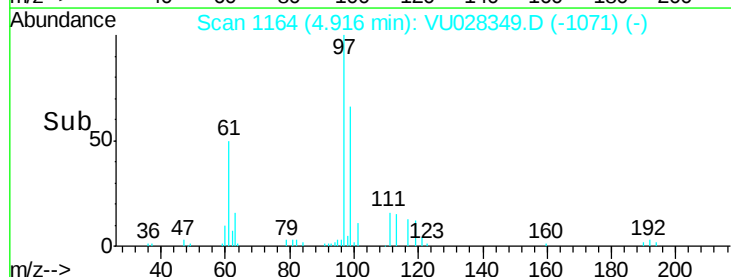
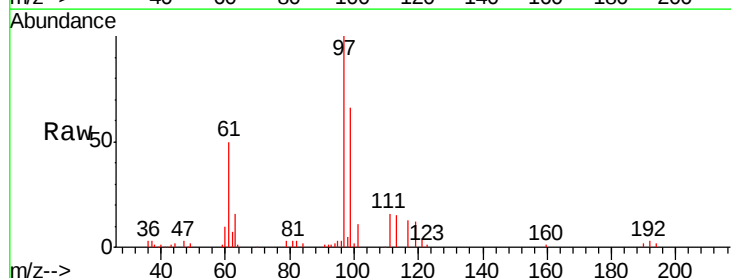
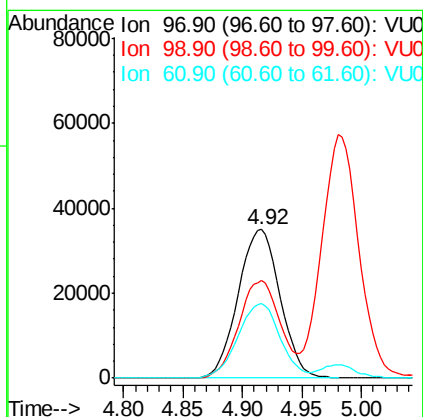
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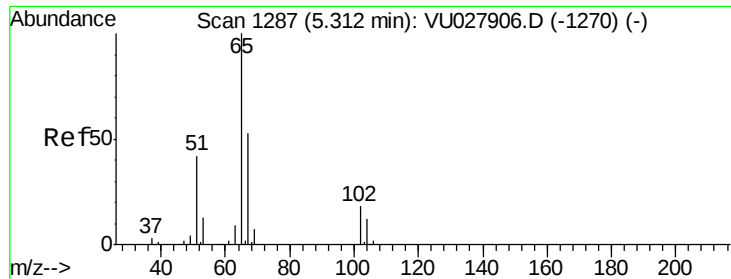
sam
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#32
1,1,1-Trichloroethane
Concen: 21.77 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.5	75.7
61	50.9	38.3	57.5





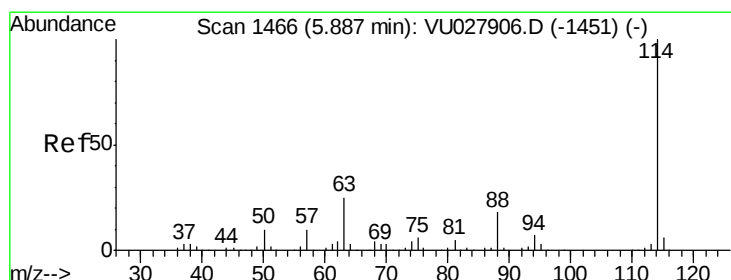
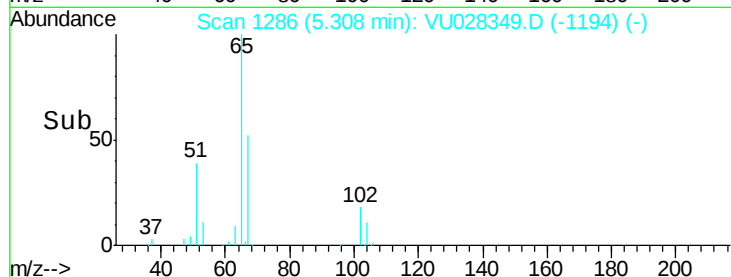
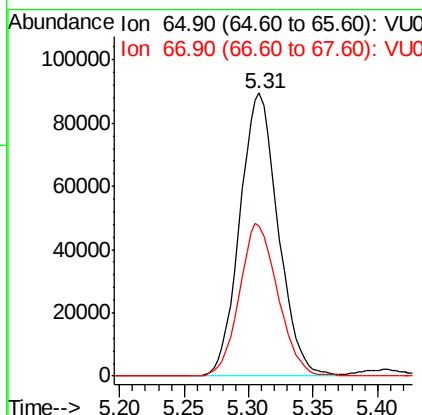
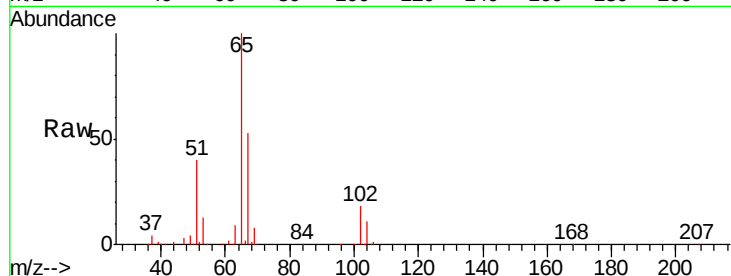
#33
 1,2-Dichloroethane-d4
 Concen: 61.01 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion: 65 Resp: 185107
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0

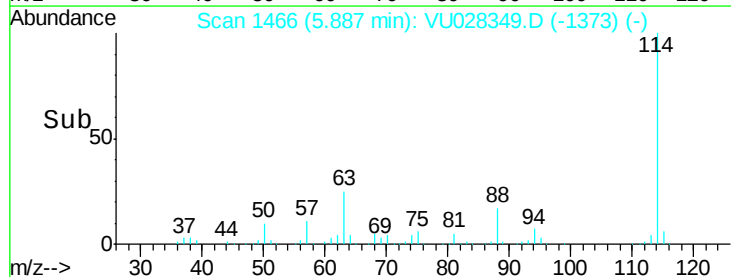
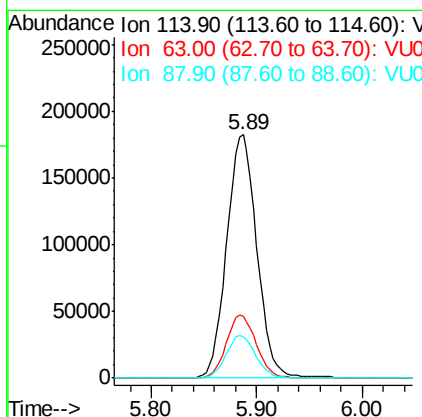
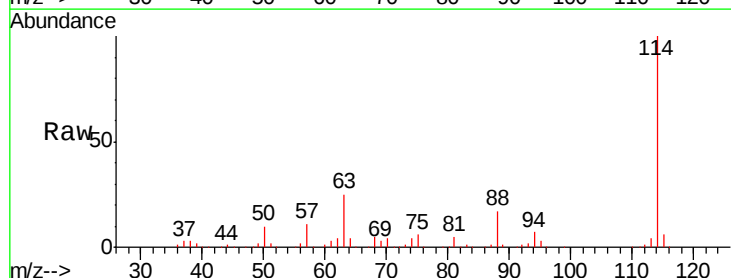
Manual Integrations
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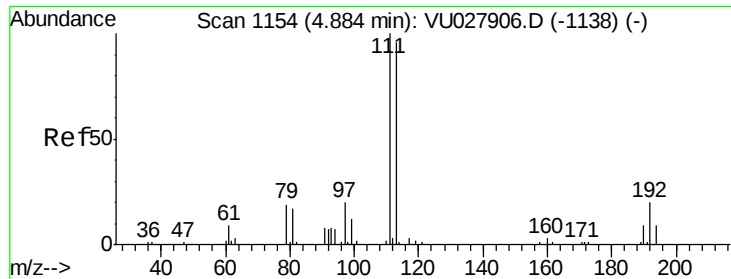
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion: 114 Resp: 360249
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.8
 88 17.1 0.0 35.8





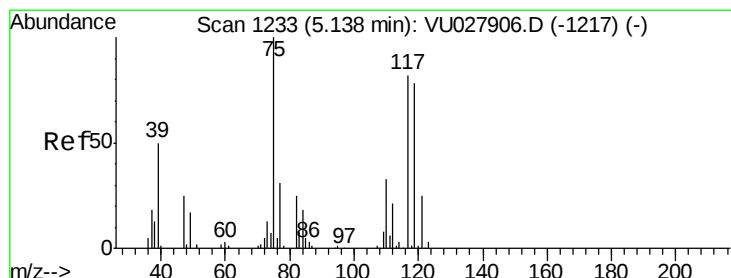
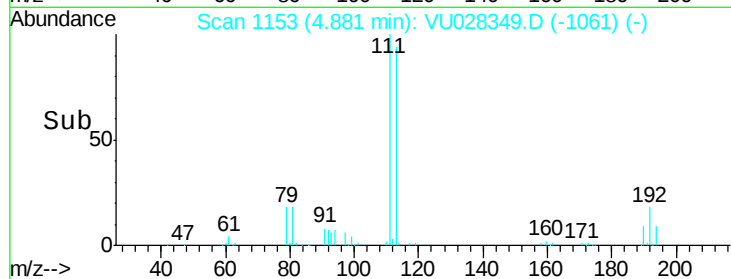
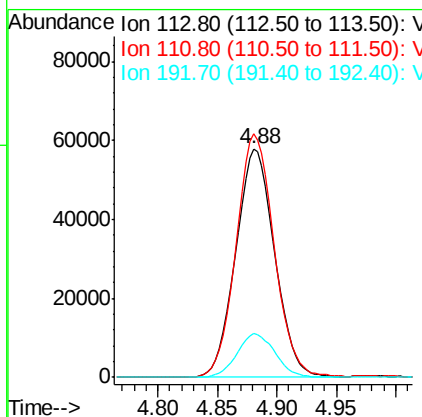
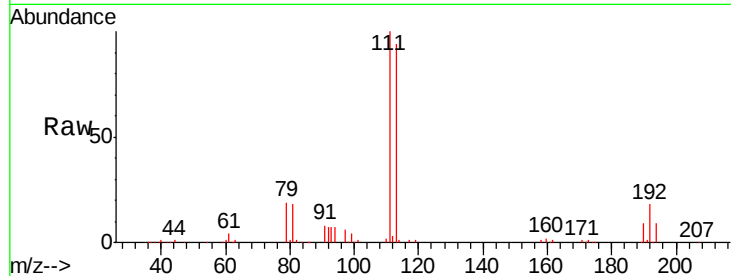
#35
 Dibromofluoromethane
 Concen: 57.64 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.4	83.0	124.6	
192	18.8	15.6	23.4	

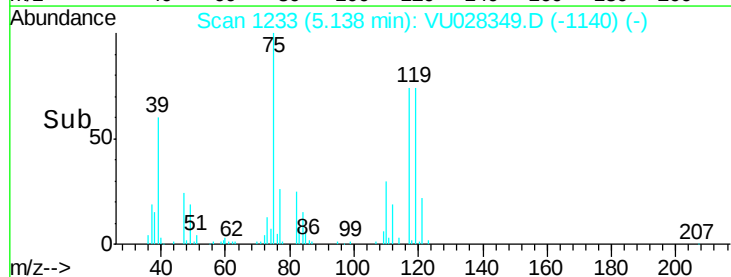
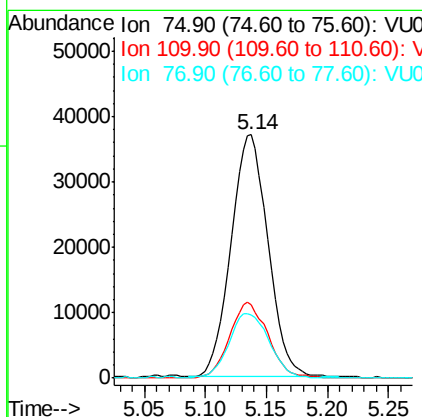
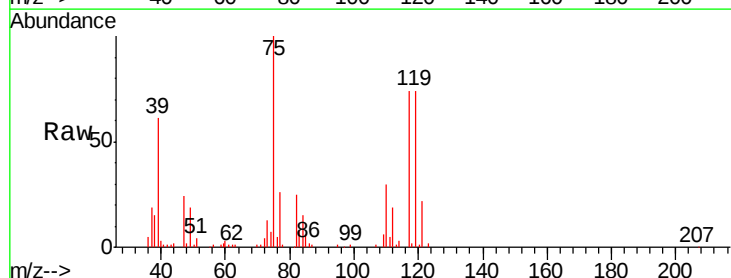
Manual Integrations
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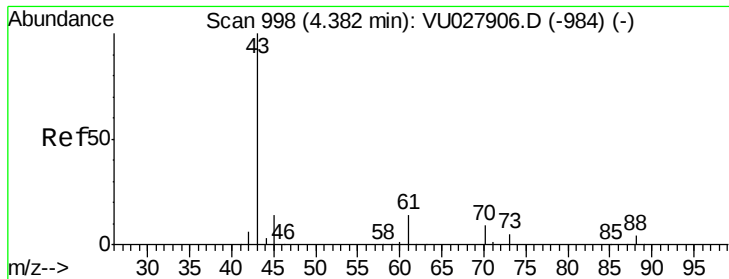
sam
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#36
 1,1-Dichloropropene
 Concen: 20.71 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	32.4	16.5	49.5	
77	29.0	24.9	37.3	





#37

Ethyl Acetate

Concen: 20.96 ug/l

RT: 4.38 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

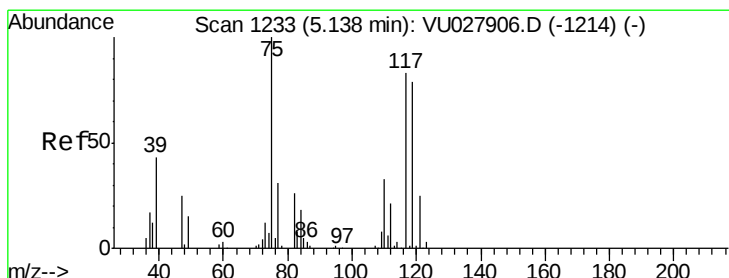
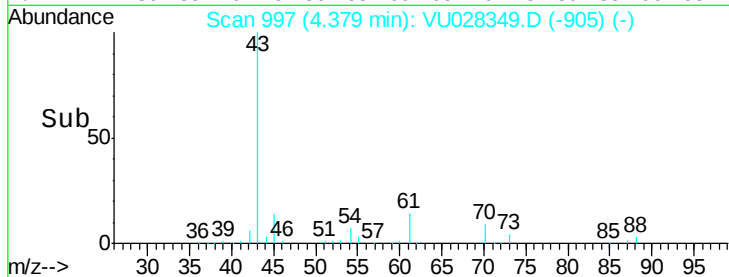
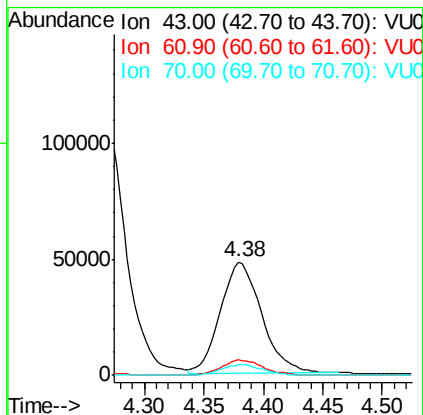
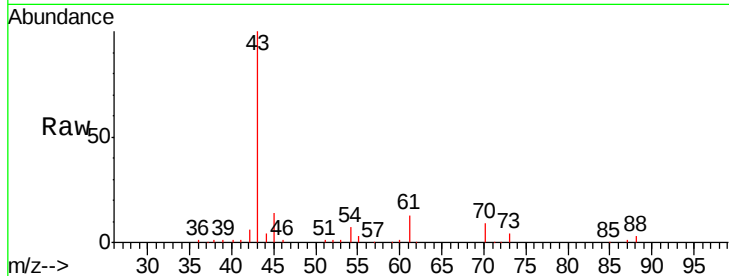
ClientSampleId :

VU1127WBSD01

Tgt Ion:	43	Resp:	115895
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.3	15.5
70	9.4	7.0	10.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.36 ug/l

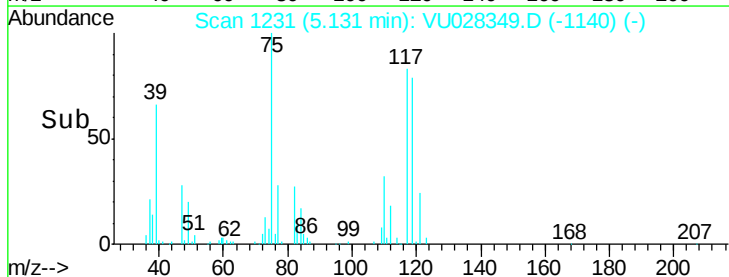
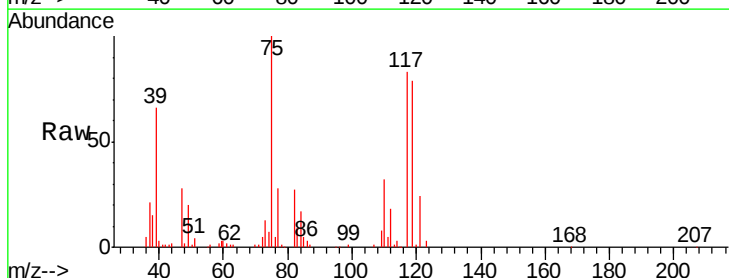
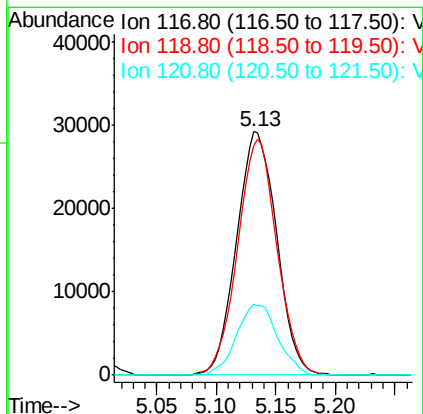
RT: 5.13 min Scan# 1231

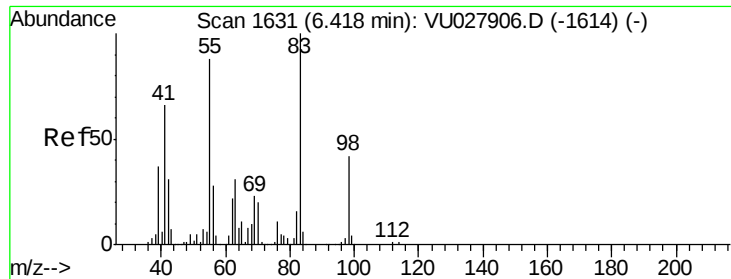
Delta R.T. -0.01 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	117	Resp:	68084
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.0	114.0
121	28.8	24.5	36.7





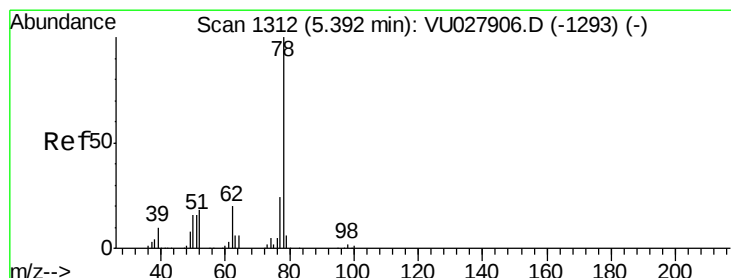
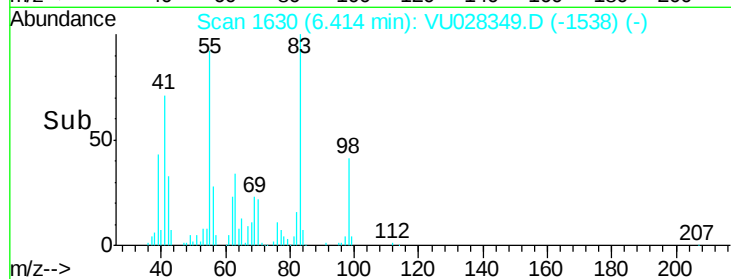
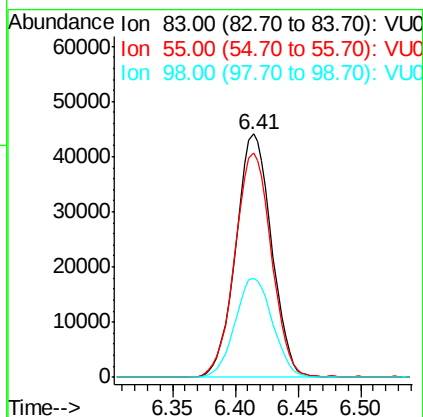
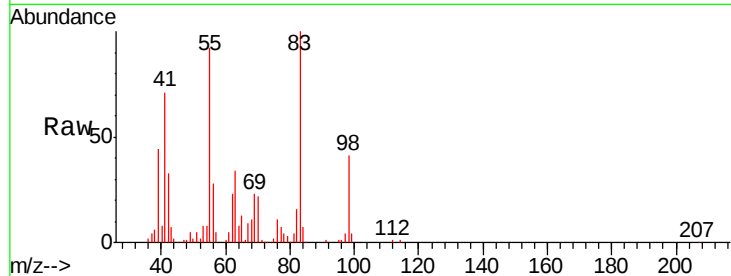
#39
Methylcyclohexane
Concen: 19.23 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	91.9	70.3	105.5
98	40.8	34.0	51.0

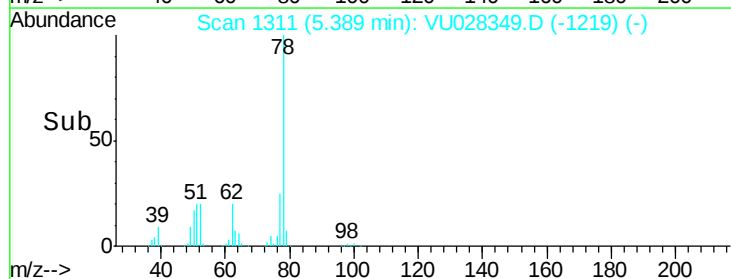
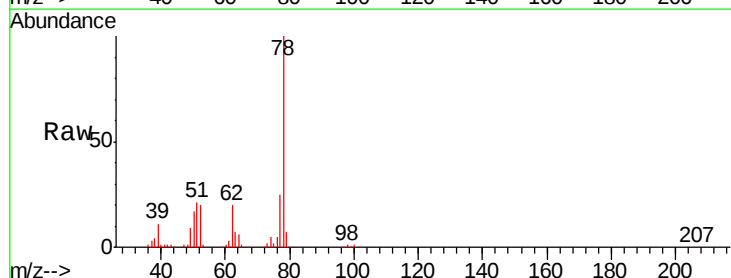
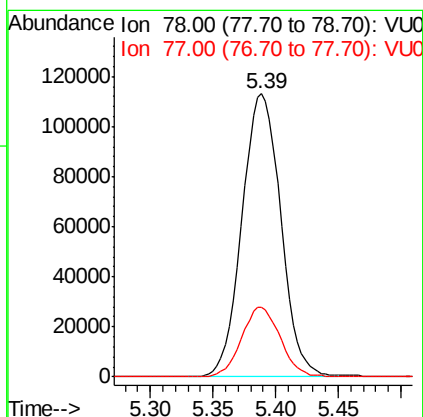
Manual Integrations
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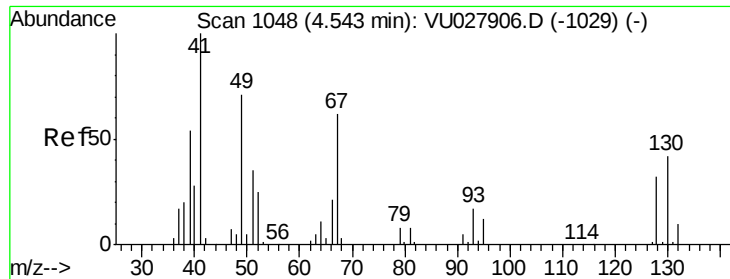
sam
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#40
Benzene
Concen: 21.14 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





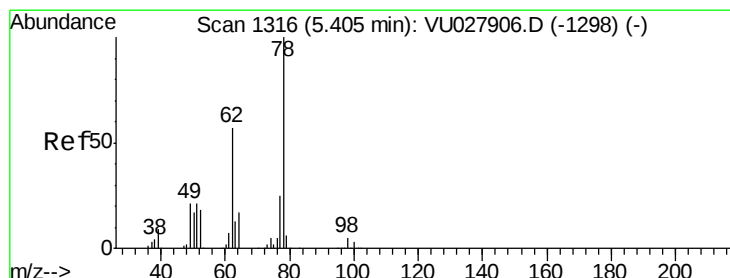
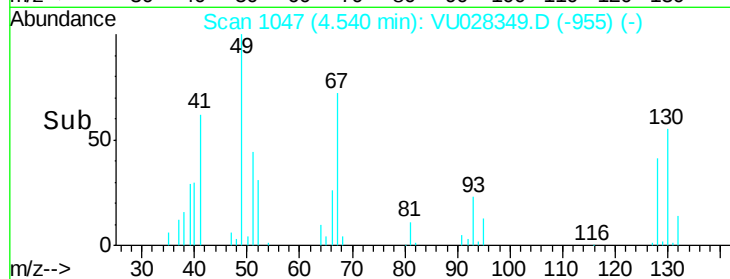
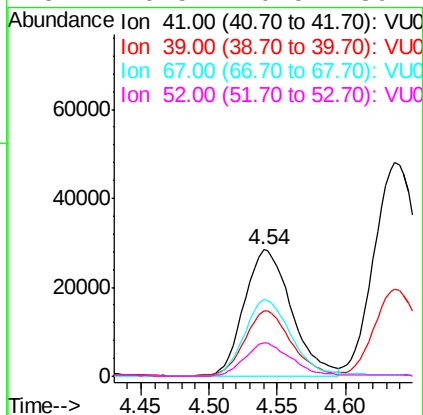
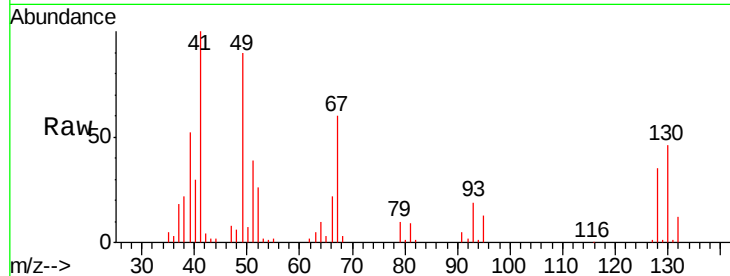
#41
Methacrylonitrile
Concen: 23.29 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.5	42.2	63.4
67	60.7	49.5	74.3
52	26.5	20.5	30.7

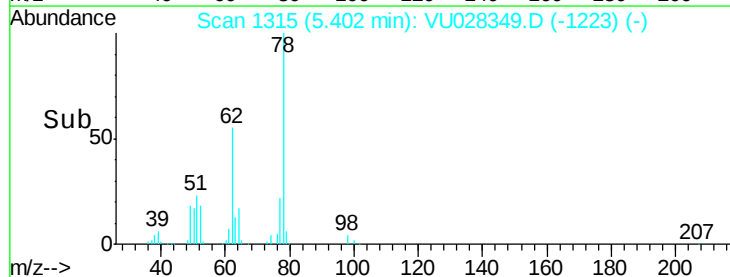
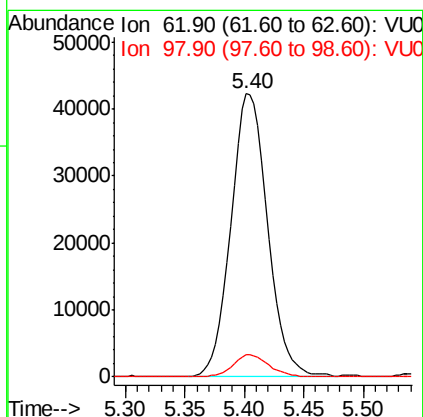
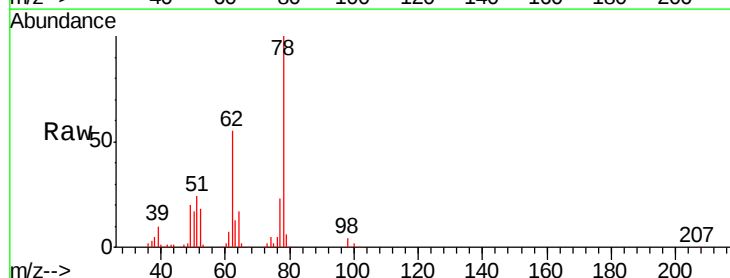
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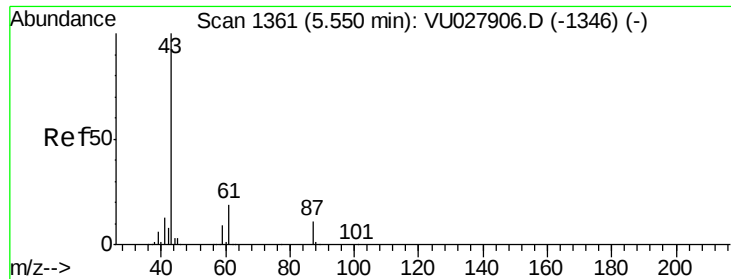
sam
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#42
1,2-Dichloroethane
Concen: 22.12 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.66 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

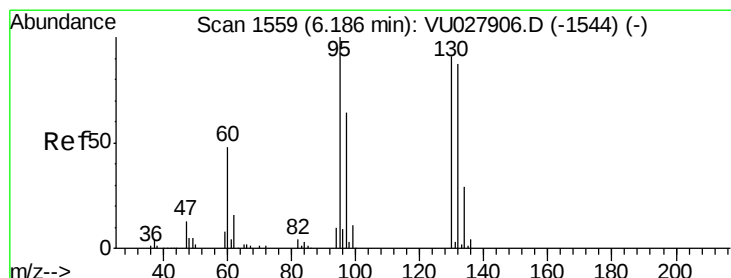
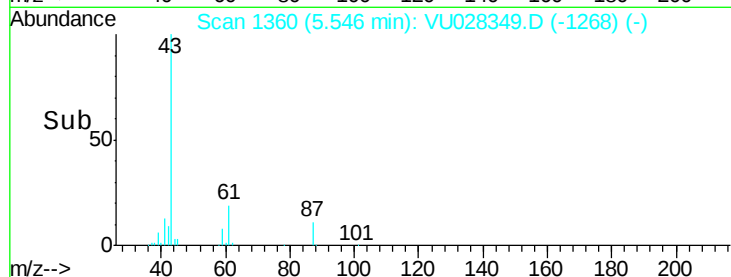
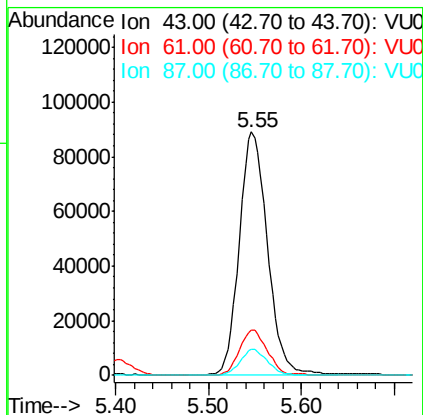
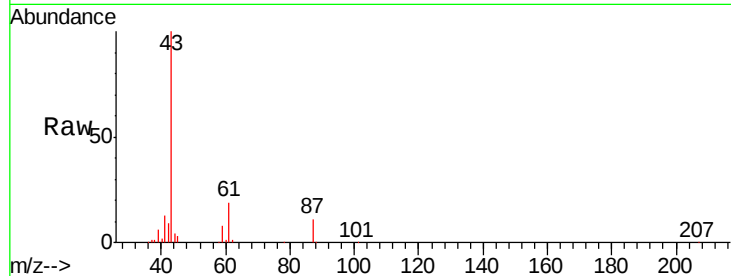
ClientSampleId :

VU1127WBSD01

Tgt Ion:	43	Resp:	187577
Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.4
87	10.3	8.6	12.8

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#44

Trichloroethene

Concen: 21.23 ug/l

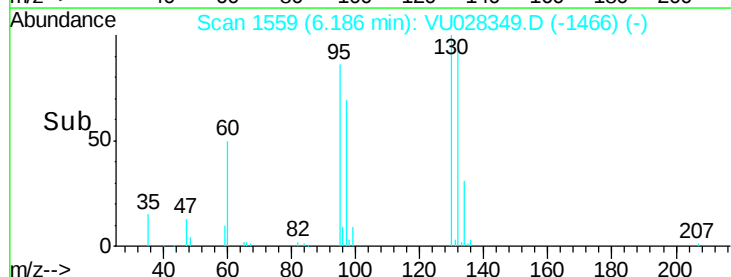
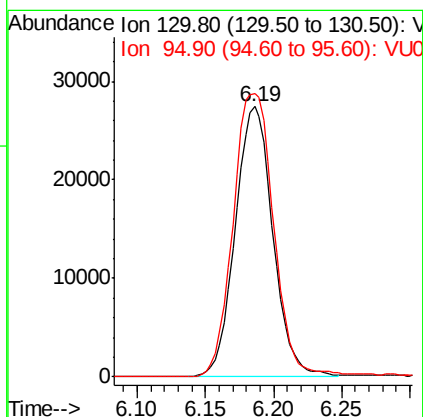
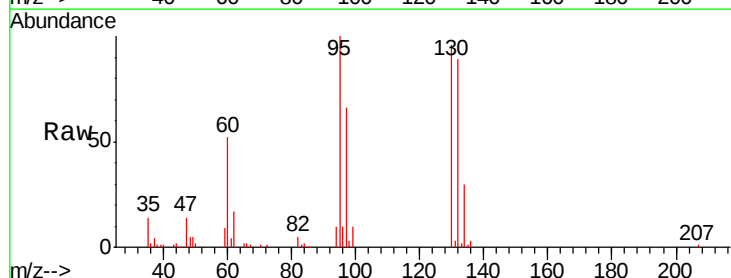
RT: 6.19 min Scan# 1559

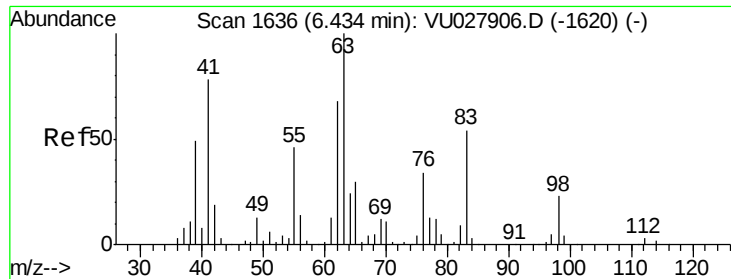
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	130	Resp:	52652
Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	219.2





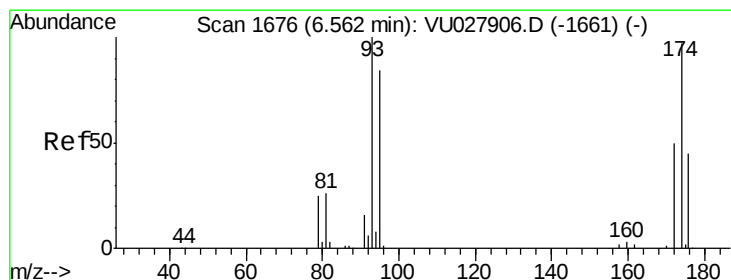
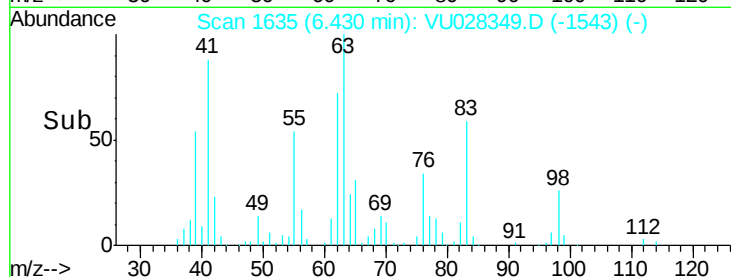
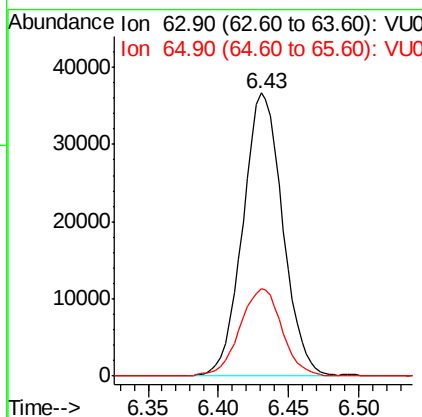
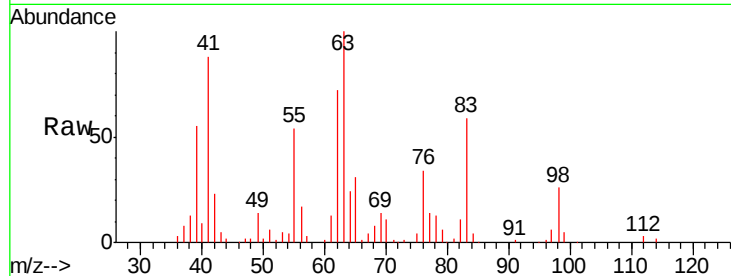
#45
 1,2-Dichloropropane
 Concen: 21.84 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion: 63 Resp: 72650
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6

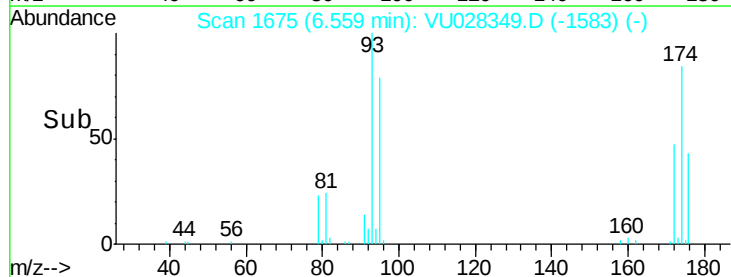
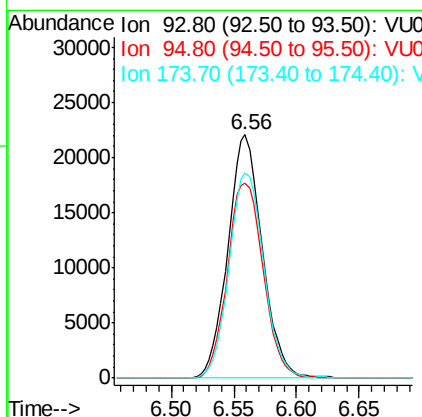
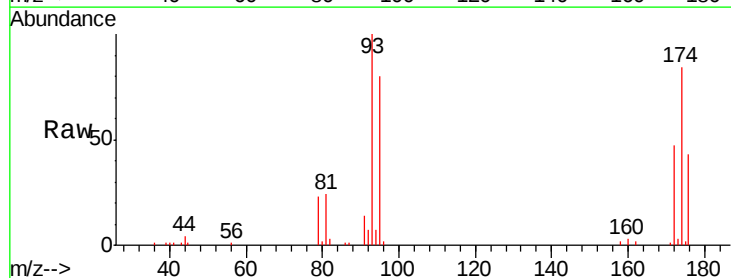
Manual Integrations
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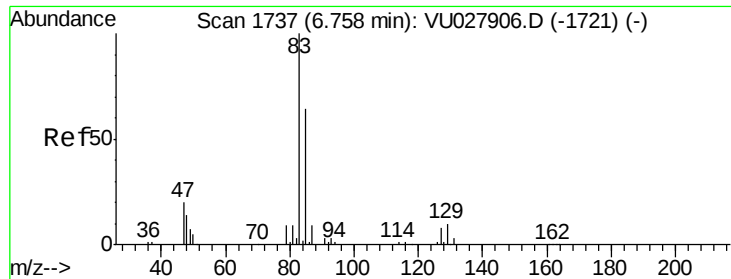
sam
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#46
 Dibromomethane
 Concen: 21.95 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion: 93 Resp: 41970
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.5 102.7
 174 85.2 76.1 114.1





#47

Bromodichloromethane

Concen: 22.82 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

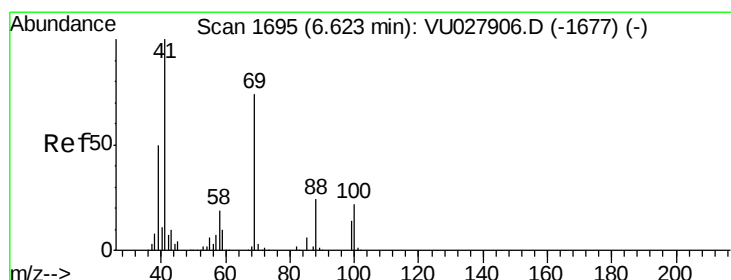
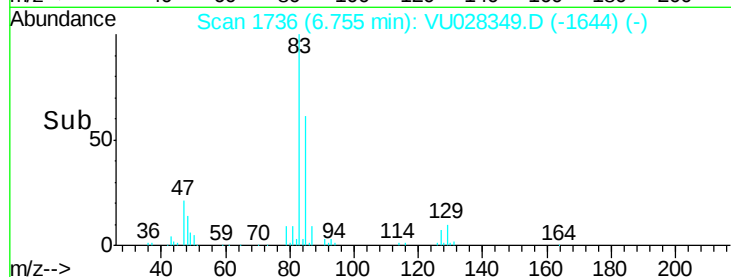
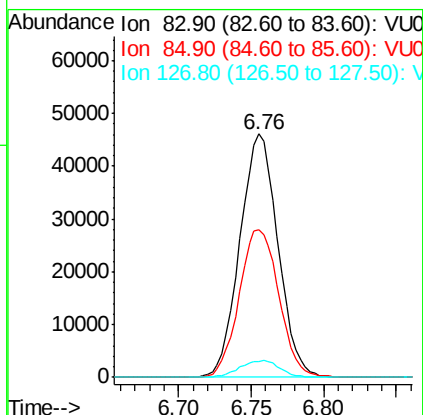
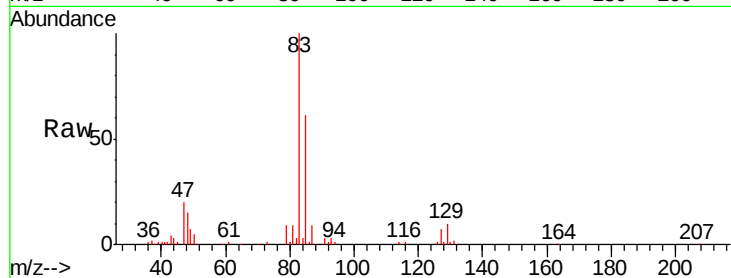
ClientSampleId :

VU1127WBSD01

Tgt Ion:	83	Resp:	84085
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.0	76.6
127	6.7	6.2	9.4

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#48

Methyl methacrylate

Concen: 22.81 ug/l

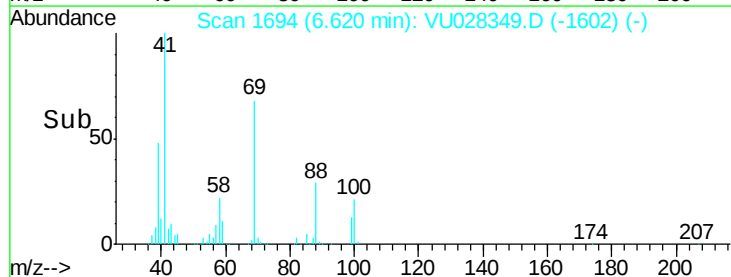
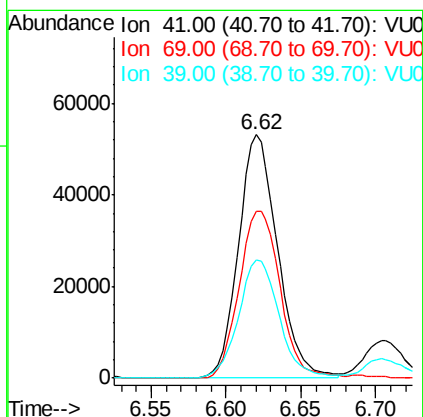
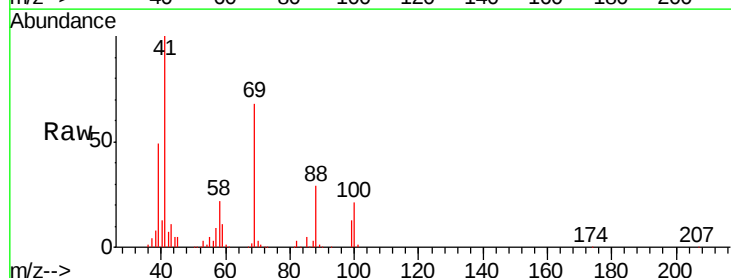
RT: 6.62 min Scan# 1694

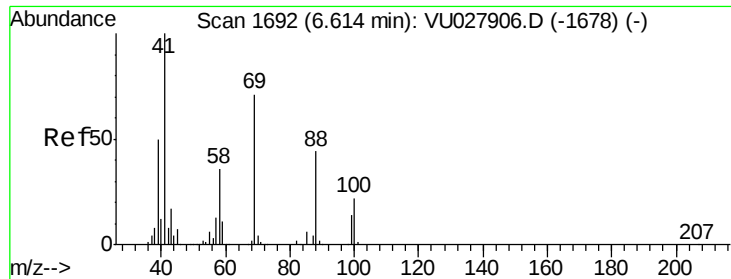
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	41	Resp:	96801
Ion Ratio	Lower	Upper	
41	100		
69	71.7	59.8	89.8
39	50.5	40.0	60.0





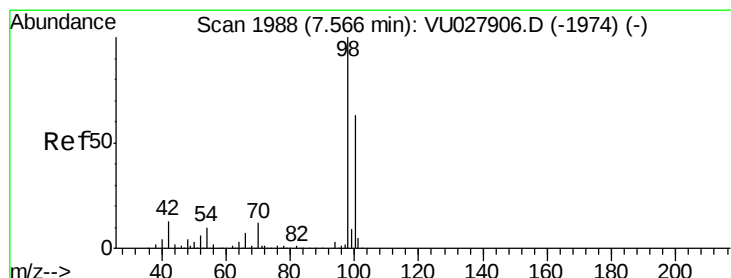
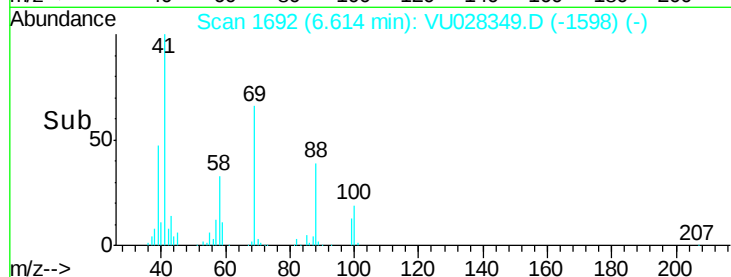
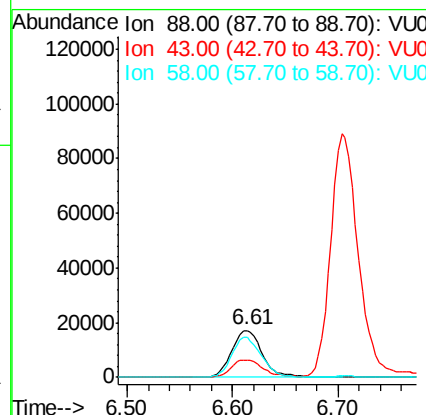
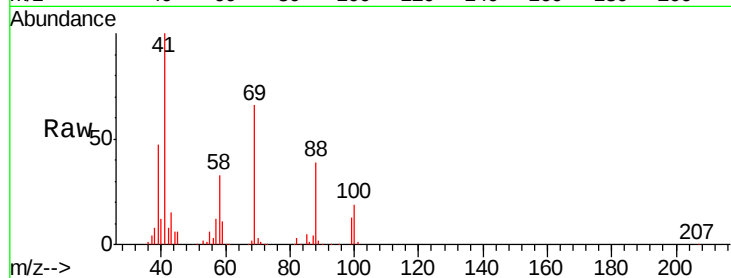
#49
1,4-Dioxane
Concen: 501.25 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion: 88 Resp: 34710
Ion Ratio Lower Upper
88 100
43 39.0 30.5 45.7
58 82.9 67.1 100.7

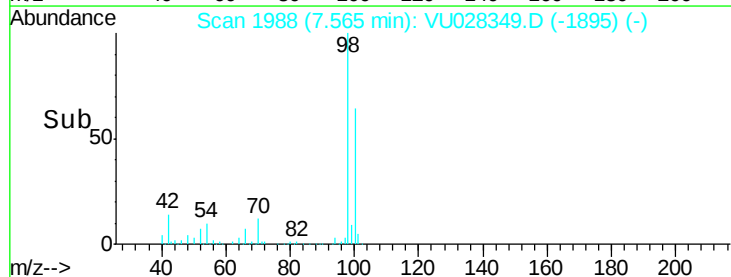
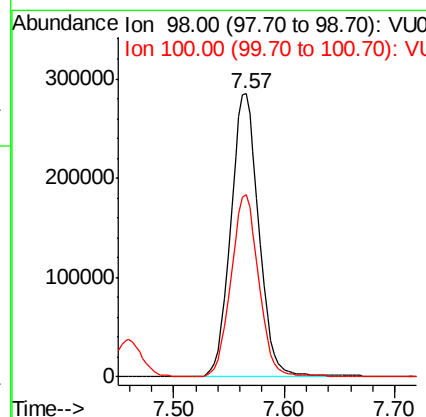
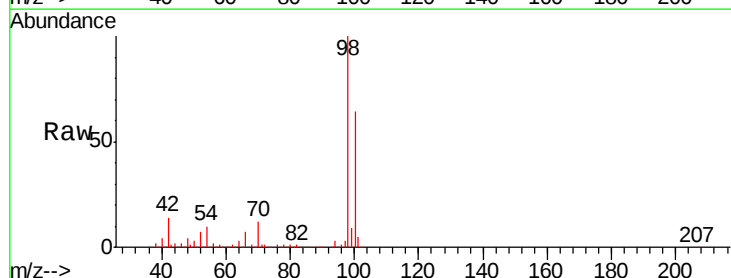
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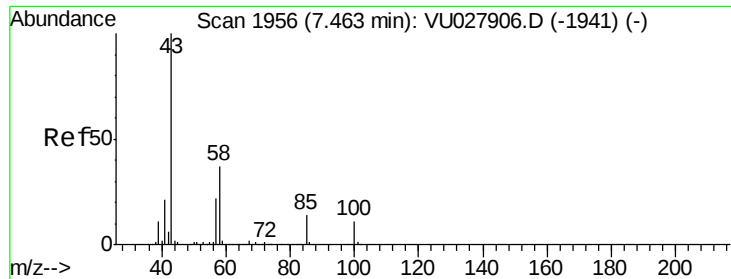
sam
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#50
Toluene-d8
Concen: 57.26 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion: 98 Resp: 502397
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1





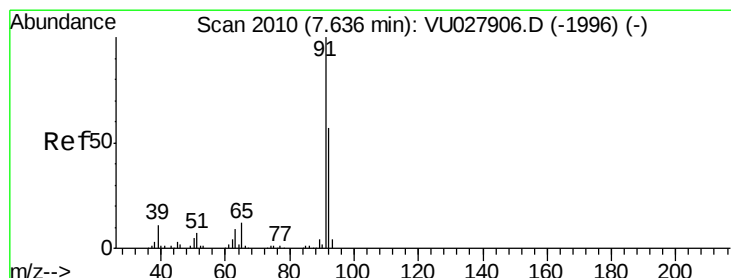
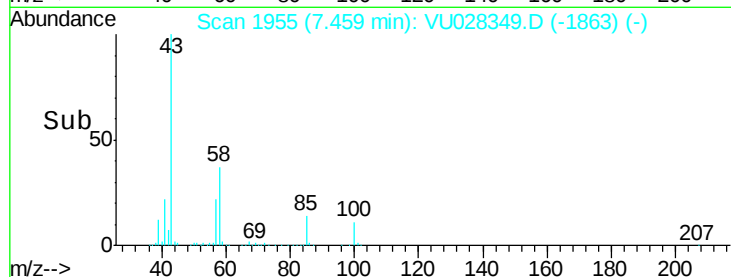
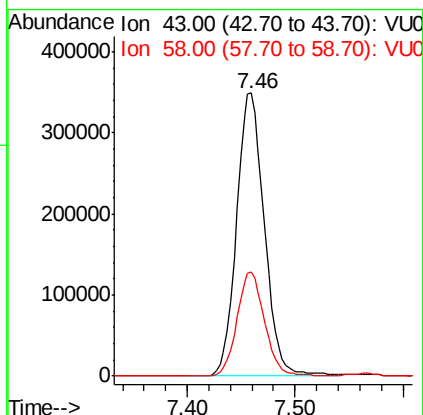
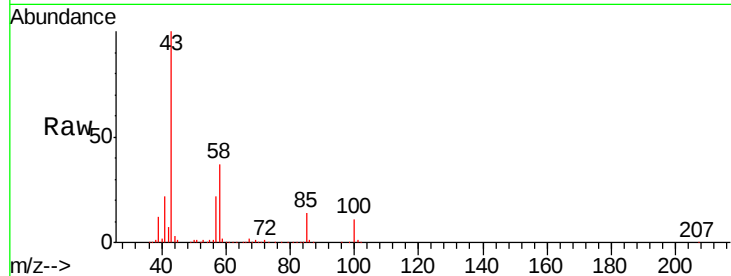
#51
 4-Methyl-2-Pentanone
 Concen: 108.07 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion: 43 Resp: 625124
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.5 44.3

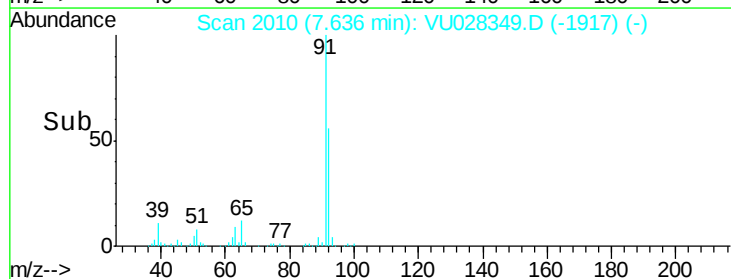
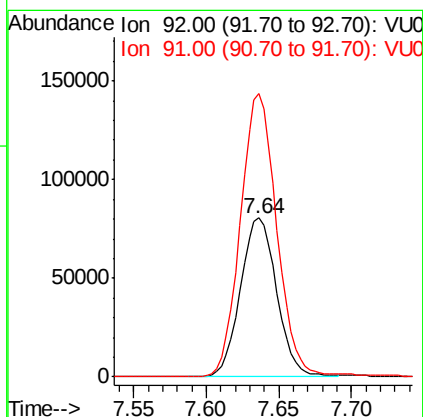
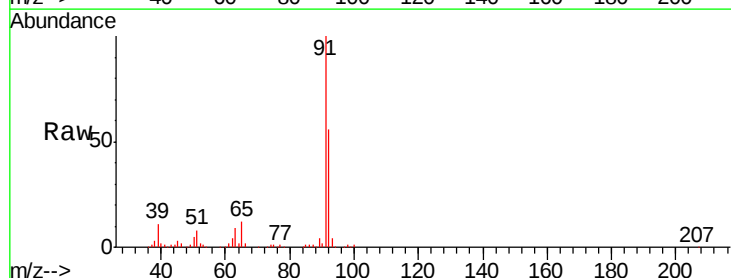
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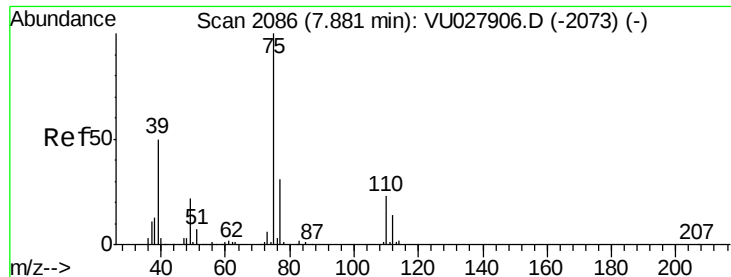
sam
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#52
 Toluene
 Concen: 20.68 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion: 92 Resp: 140229
 Ion Ratio Lower Upper
 92 100
 91 179.3 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 21.91 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 75 Resp: 97180

Ion Ratio Lower Upper

75 100

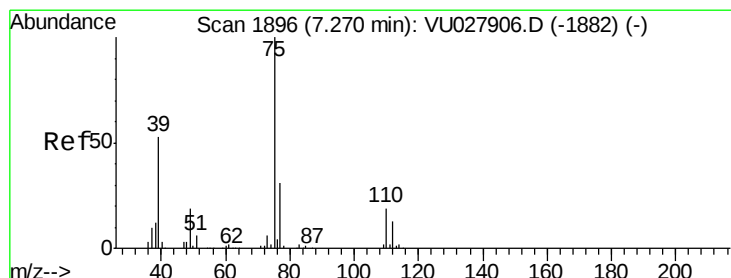
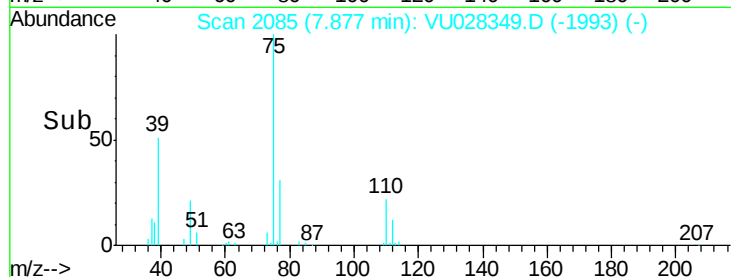
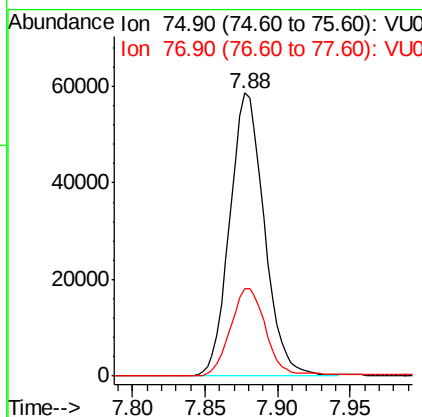
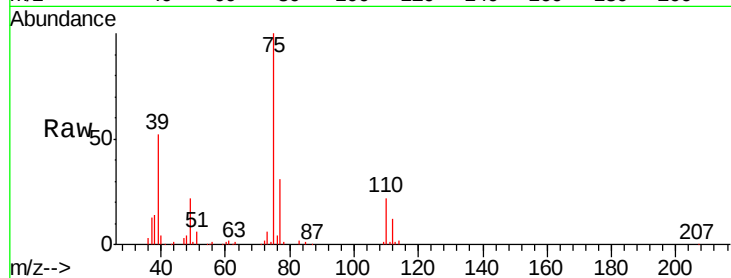
77 30.9 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 22.56 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

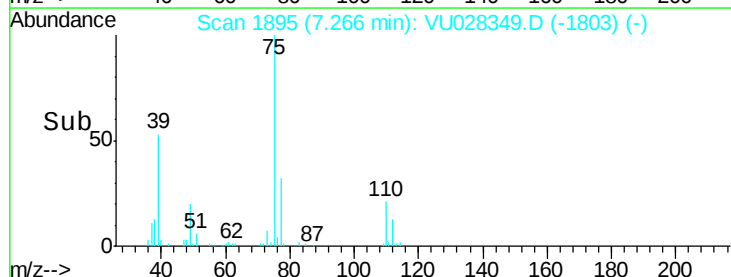
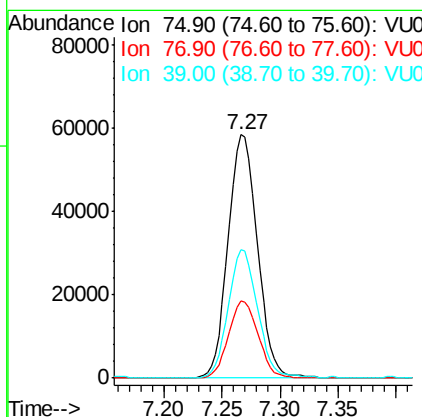
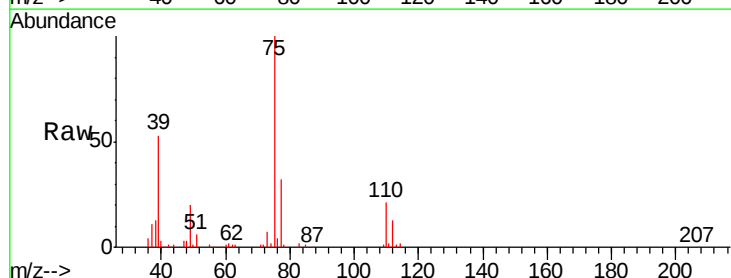
Tgt Ion: 75 Resp: 102470

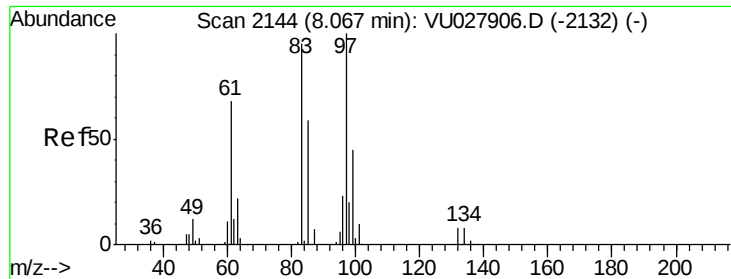
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 52.7 42.6 64.0





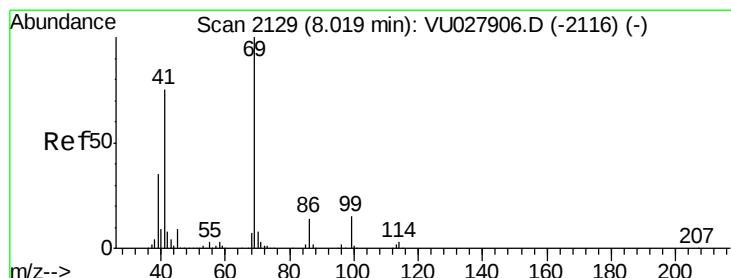
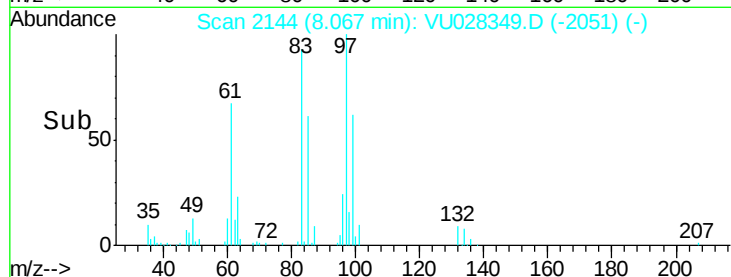
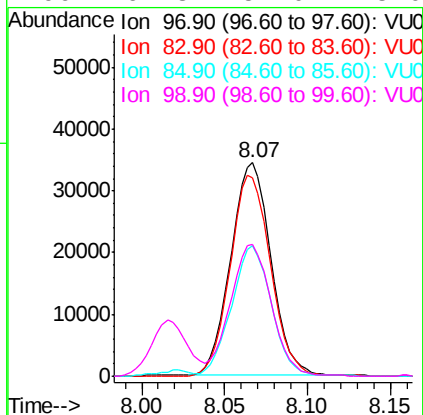
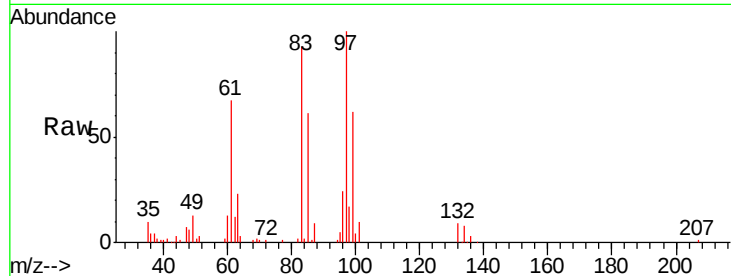
#55
 1,1,2-Trichloroethane
 Concen: 21.11 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.2	76.1	114.1
85	60.6	48.9	73.3
99	61.3	52.0	78.0

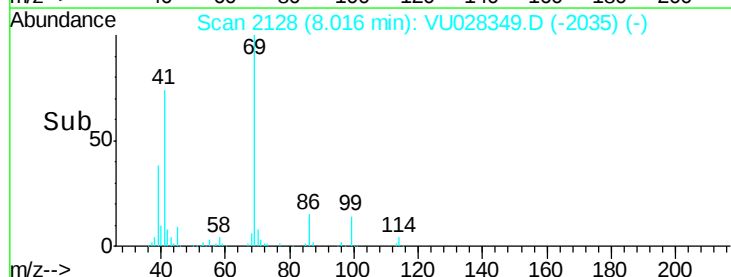
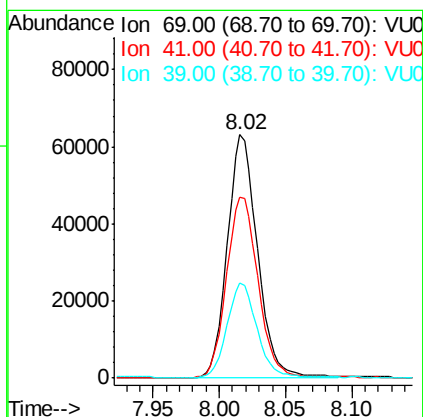
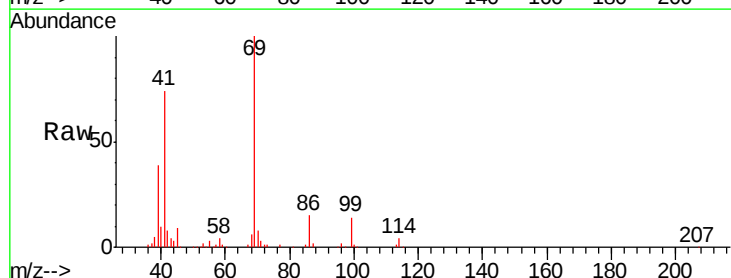
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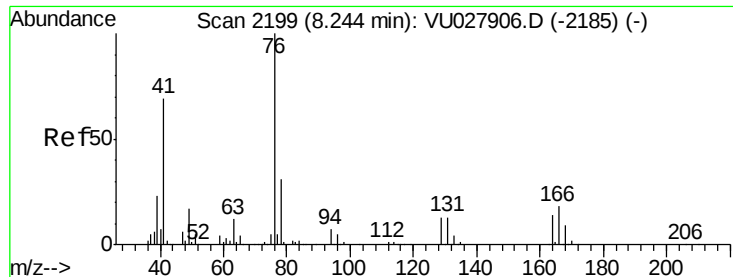
sam
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#56
 Ethyl methacrylate
 Concen: 20.58 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.7	59.8	89.6
39	38.3	28.6	42.8





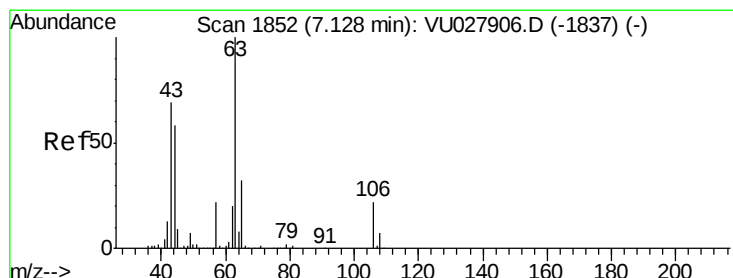
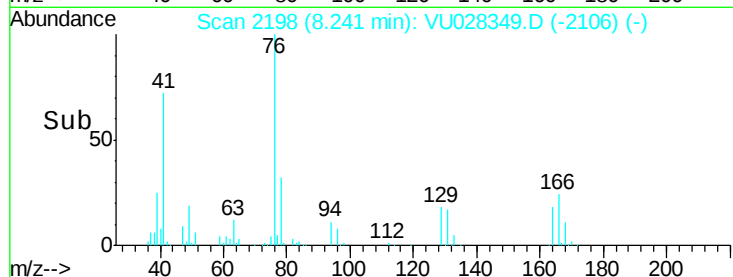
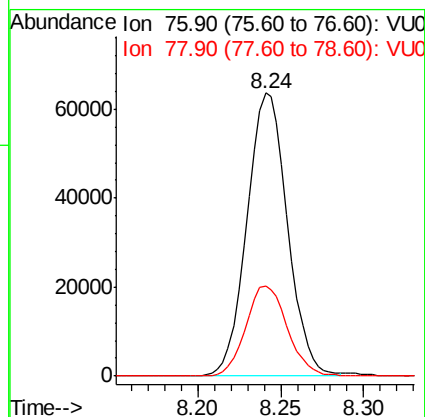
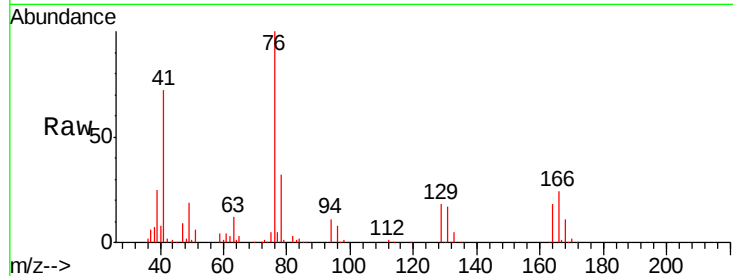
#57
 1,3-Dichloropropane
 Concen: 21.55 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion: 76 Resp: 108318
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.3 37.9

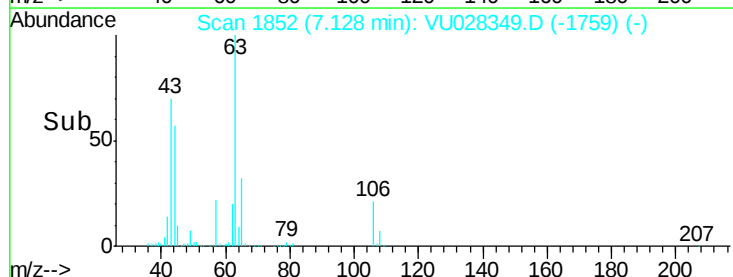
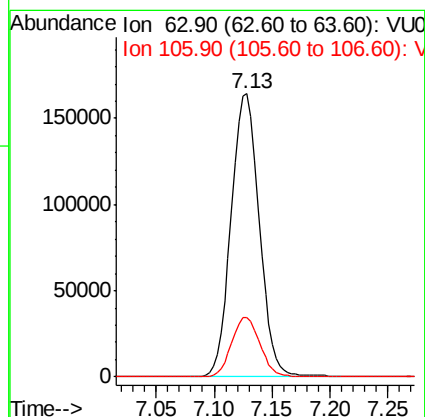
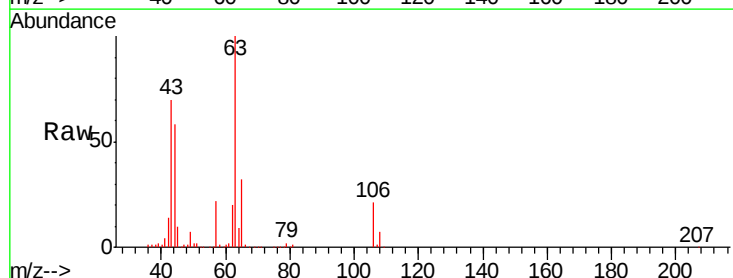
Manual Integrations
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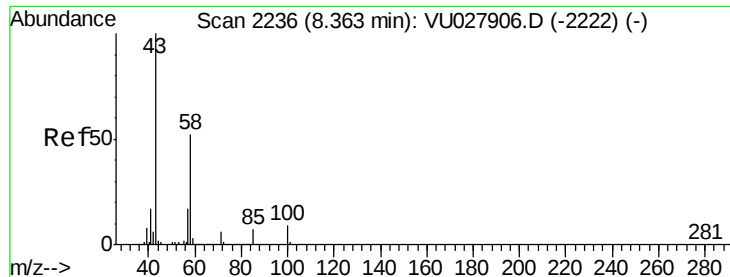
sam
 11/28/2018 5:25:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.40 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion: 63 Resp: 277280
 Ion Ratio Lower Upper
 63 100
 106 21.3 17.8 26.6





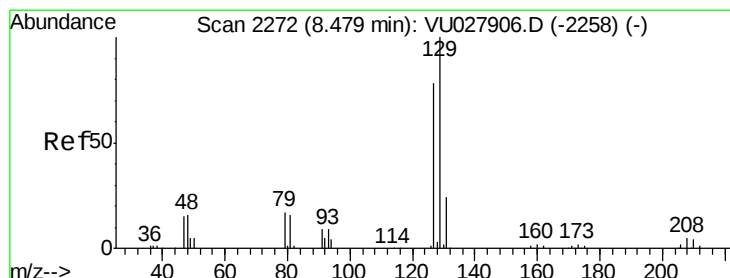
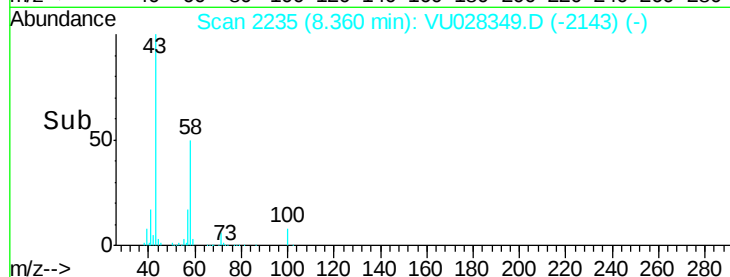
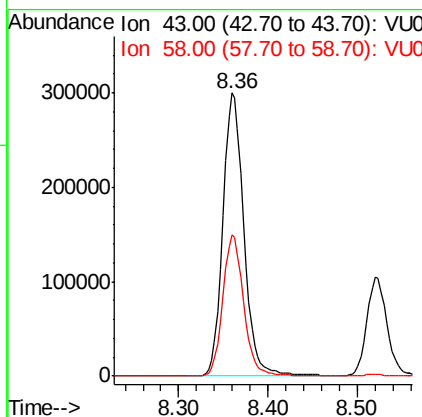
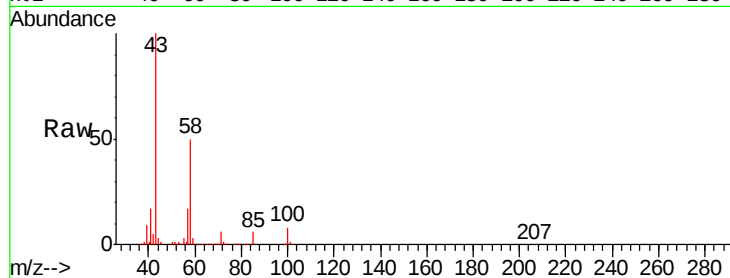
#59
2-Hexanone
Concen: 109.46 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion: 43 Resp: 489678
Ion Ratio Lower Upper
43 100
58 49.6 25.8 77.3

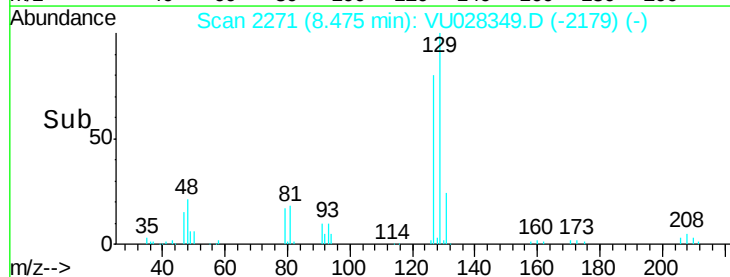
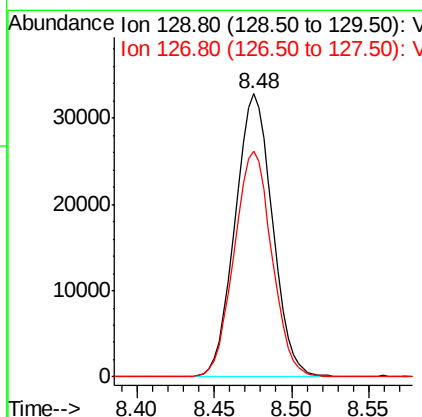
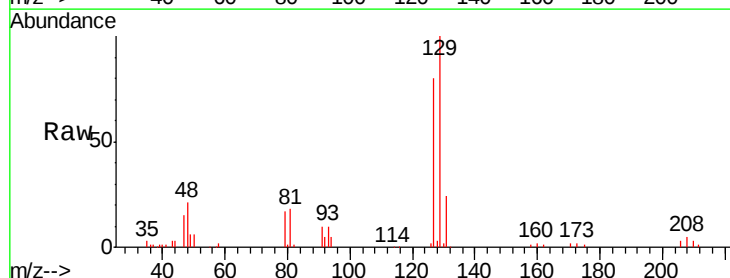
Manual Integrations
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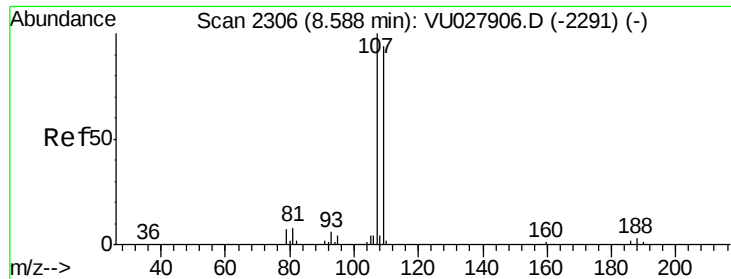
sam
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#60
Dibromochloromethane
Concen: 21.14 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion: 129 Resp: 55188
Ion Ratio Lower Upper
129 100
127 80.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.70 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 107 Resp: 60681

Ion Ratio Lower Upper

107 100

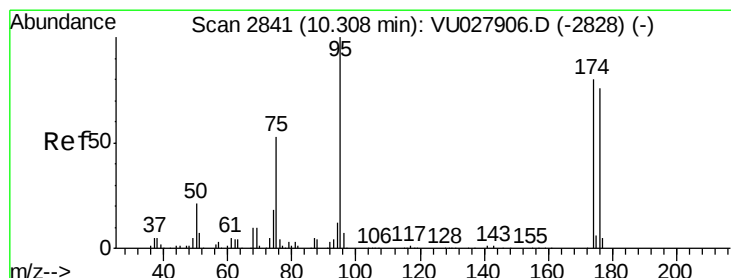
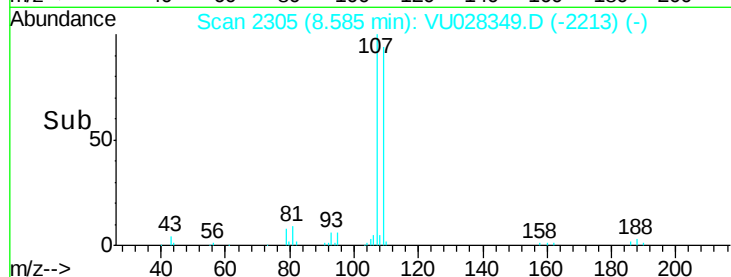
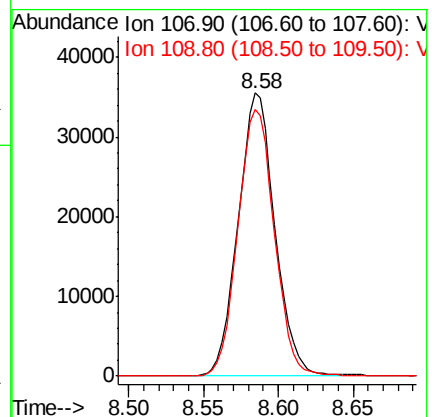
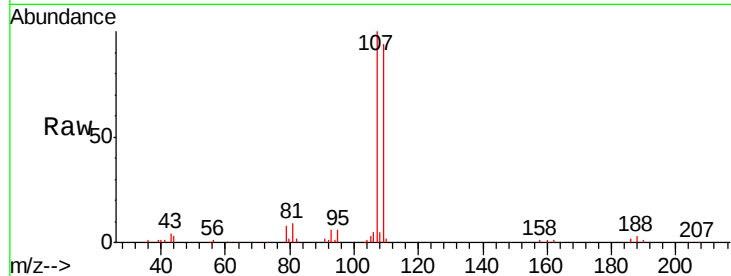
109 93.4 73.8 110.8

Manual Integrations

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sam

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#62

4-Bromofluorobenzene

Concen: 56.51 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

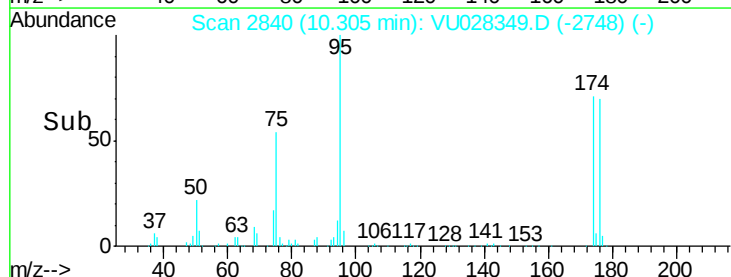
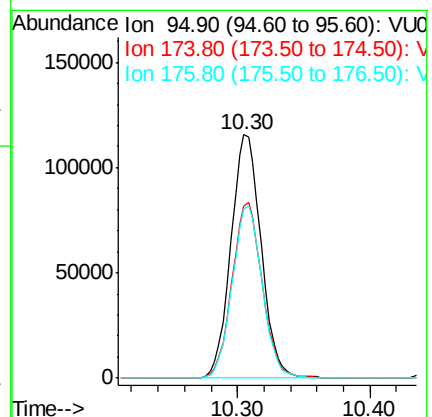
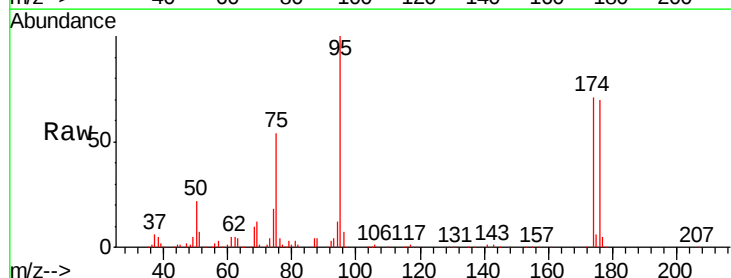
Tgt Ion: 95 Resp: 182878

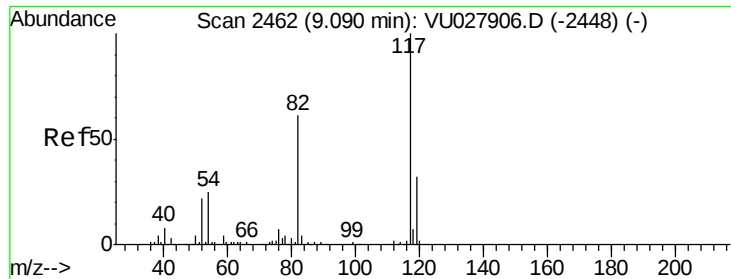
Ion Ratio Lower Upper

95 100

174 72.1 0.0 156.4

176 70.1 0.0 150.8





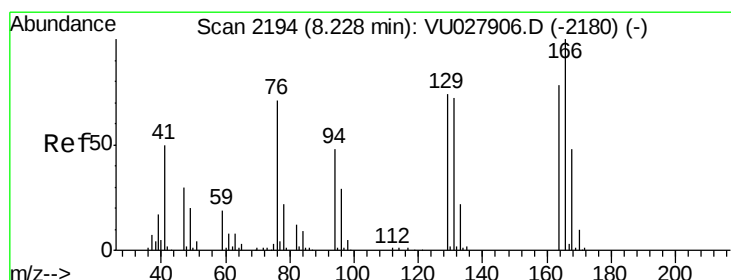
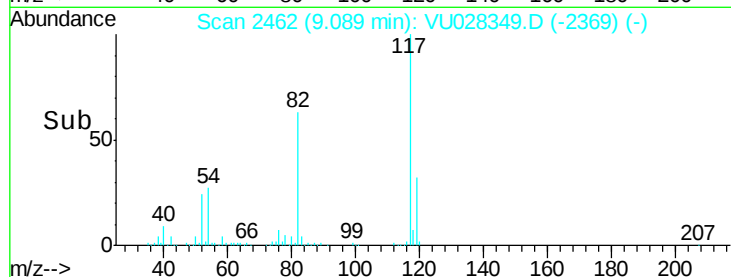
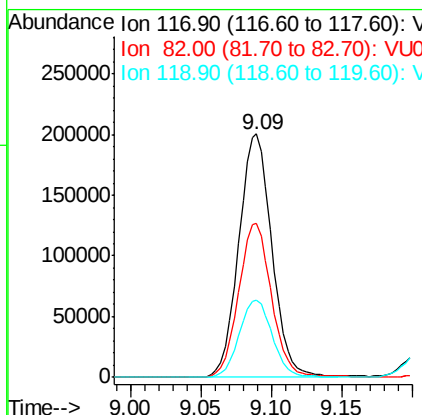
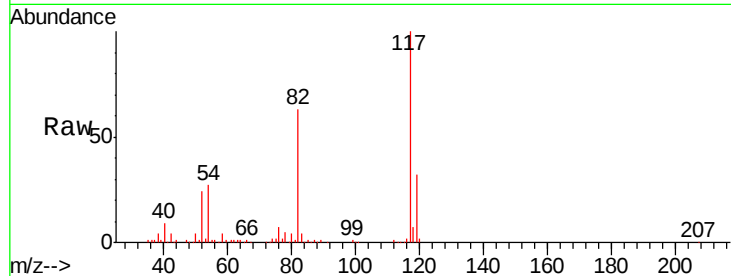
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	329956		
82	63.1	48.6	73.0	
119	32.0	25.8	38.8	

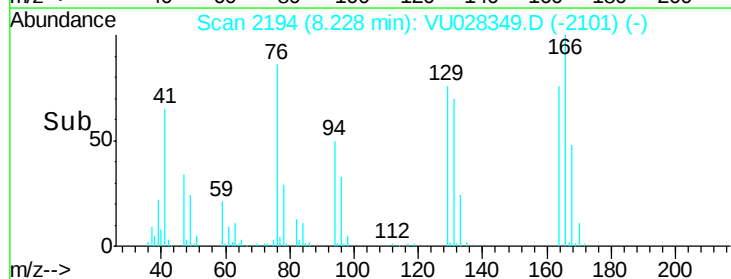
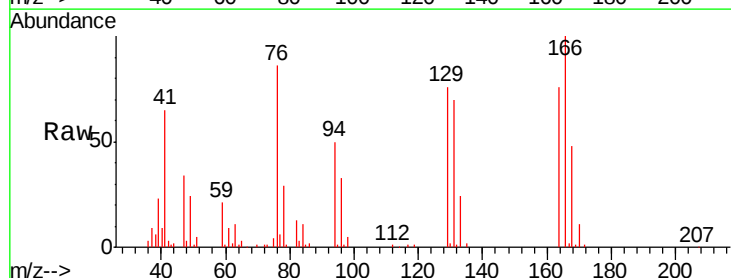
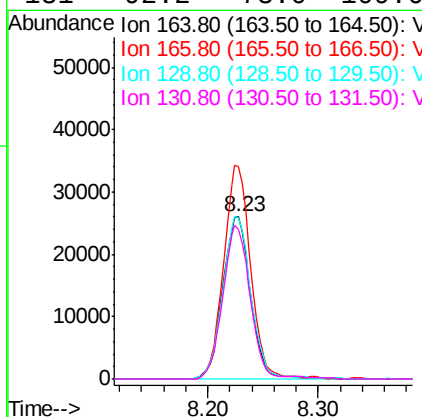
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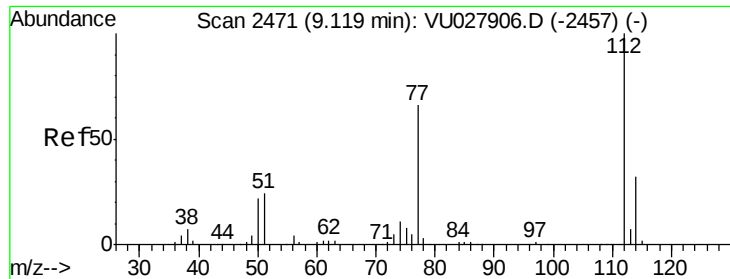
sam
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#64
Tetrachloroethene
Concen: 21.41 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45814		
166	131.4	102.1	153.1	
129	99.3	75.9	113.9	
131	92.2	73.0	109.6	





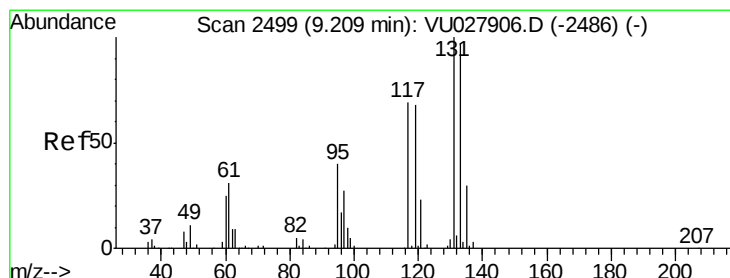
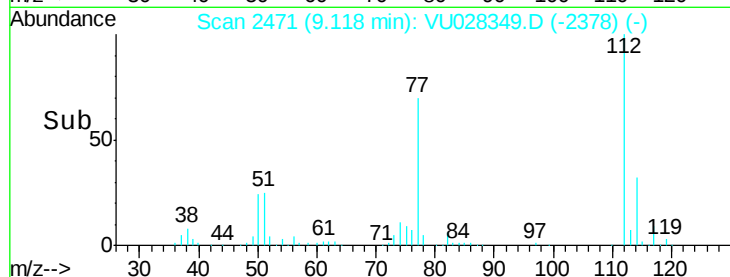
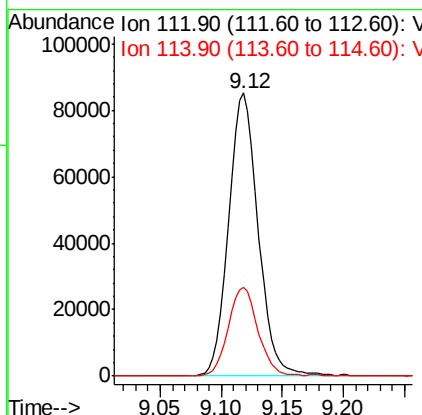
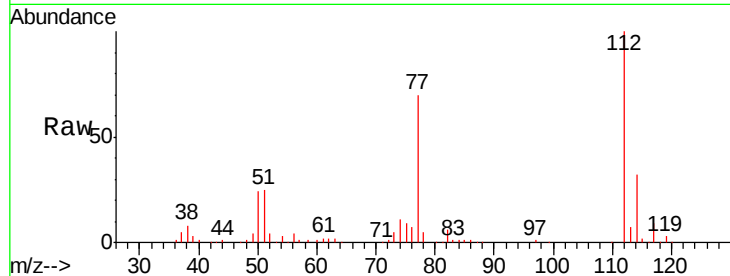
#65
Chlorobenzene
Concen: 20.73 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion:112 Resp: 144527
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8

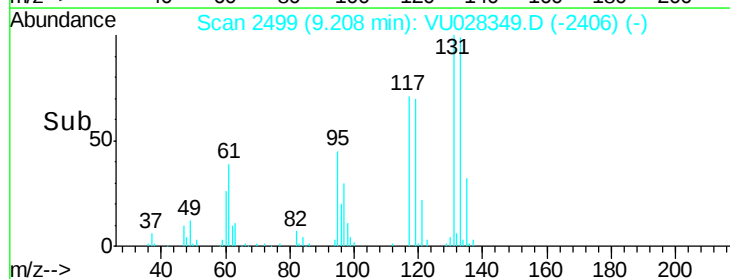
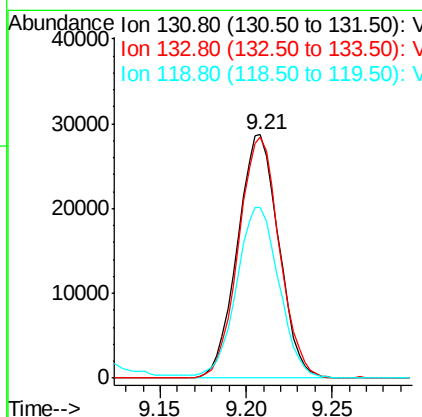
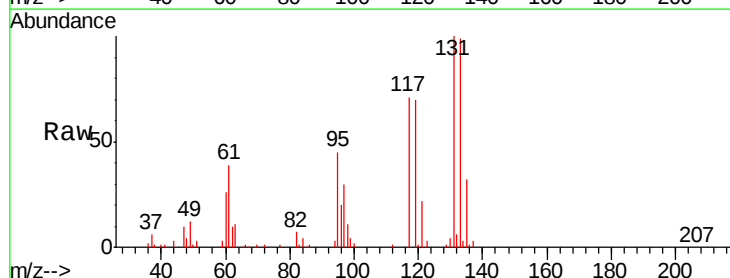
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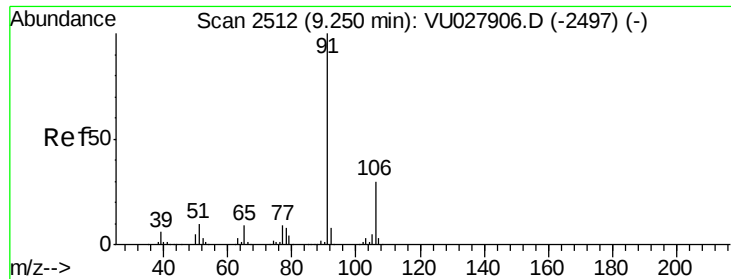
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.12 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion:131 Resp: 47896
Ion Ratio Lower Upper
131 100
133 98.1 48.1 144.4
119 72.7 34.0 101.8





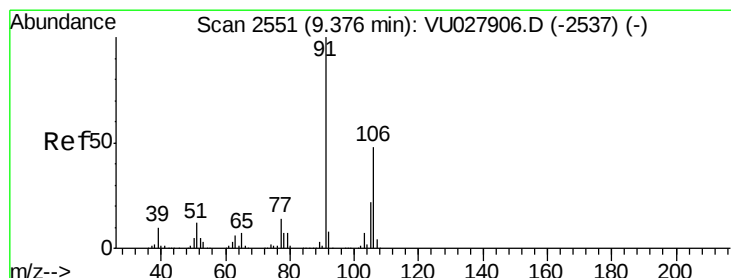
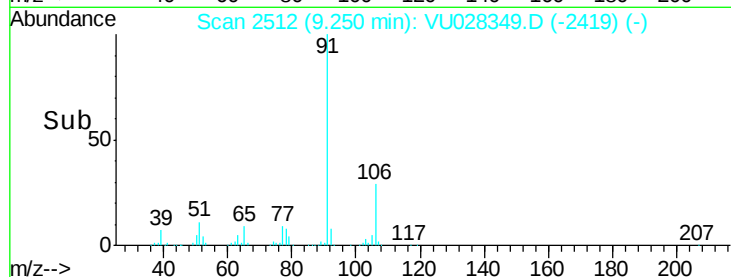
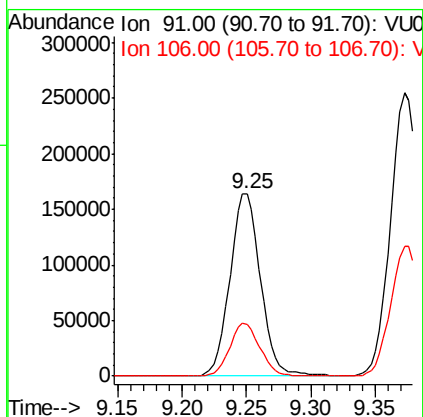
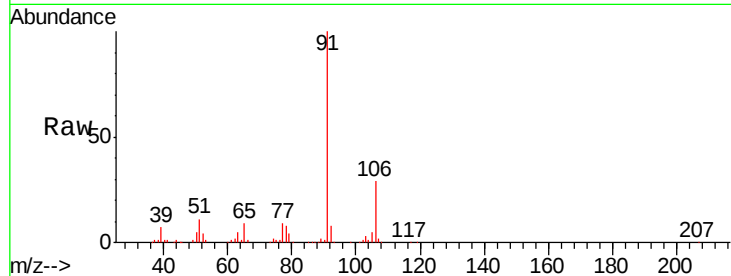
#67
Ethyl Benzene
Concen: 21.07 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion: 91 Resp: 270375
Ion Ratio Lower Upper
91 100
106 28.5 23.6 35.4

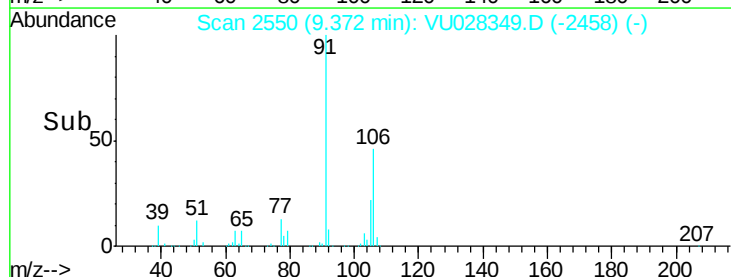
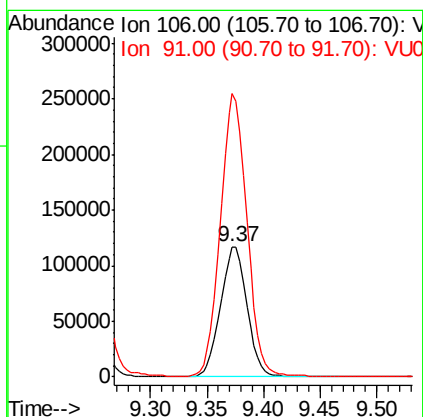
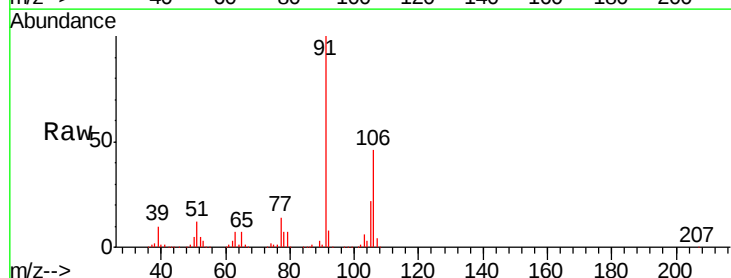
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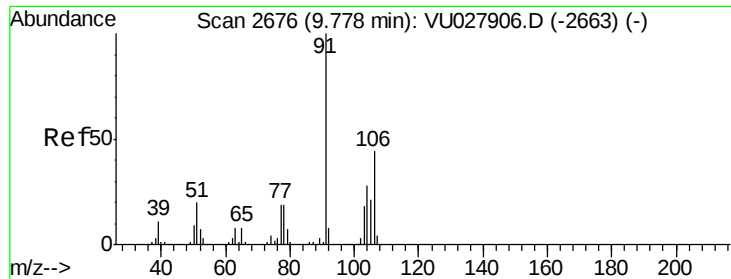
sam
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#68
m/p-Xylenes
Concen: 41.04 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion: 106 Resp: 191080
Ion Ratio Lower Upper
106 100
91 218.9 168.2 252.4





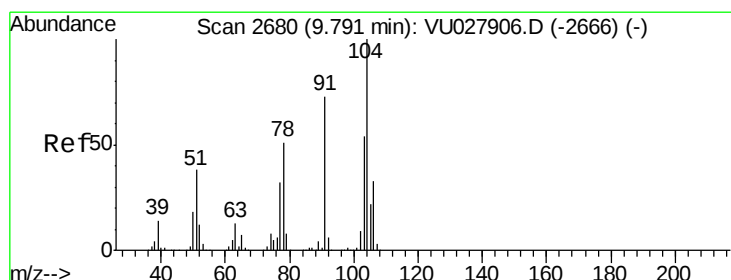
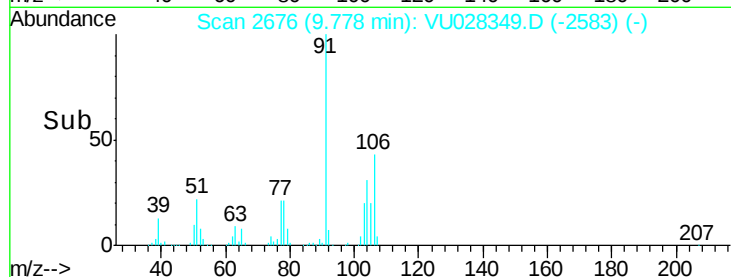
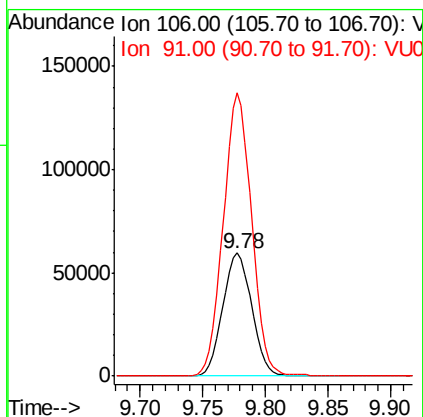
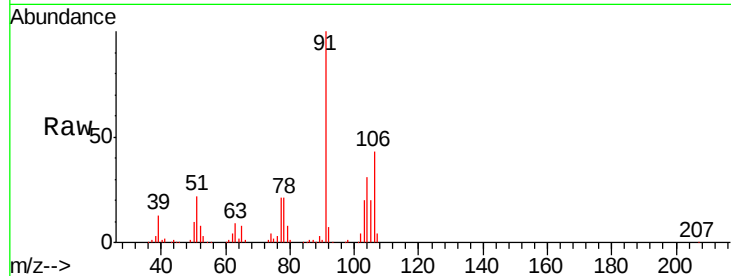
#69
o-Xylene
Concen: 20.40 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion:106 Resp: 95911
Ion Ratio Lower Upper
106 100
91 224.2 111.1 333.4

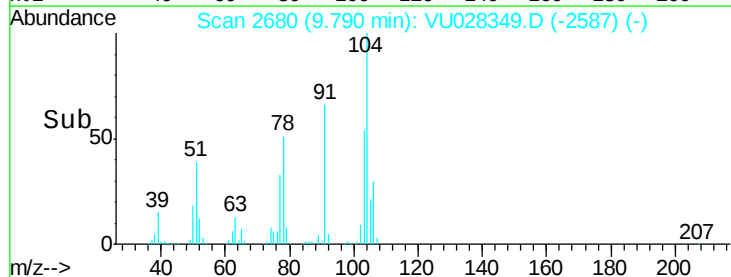
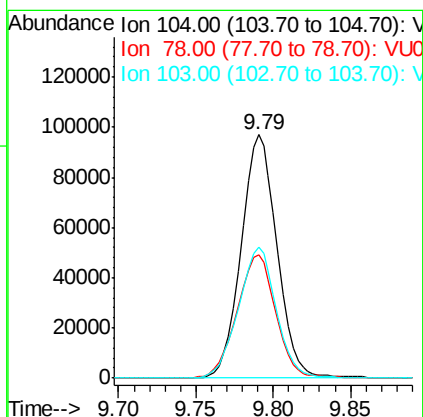
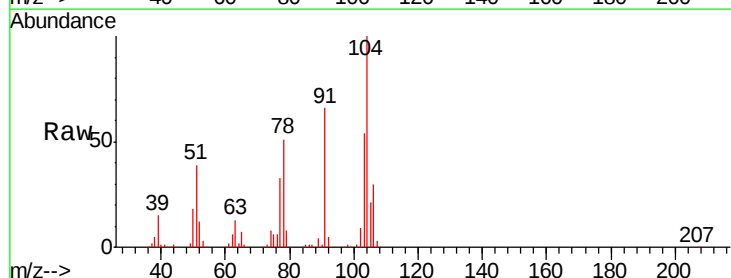
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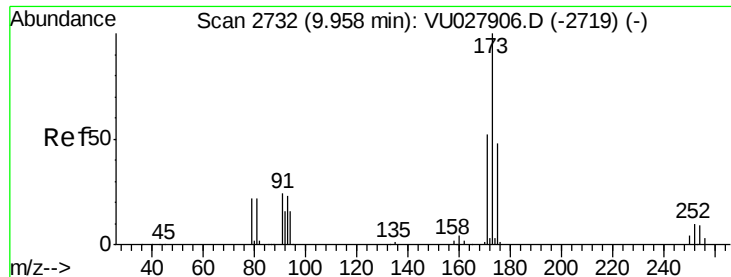
sam
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#70
Styrene
Concen: 20.76 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion:104 Resp: 155960
Ion Ratio Lower Upper
104 100
78 55.0 43.0 64.4
103 57.0 45.1 67.7





#71

Bromoform

Concen: 20.70 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

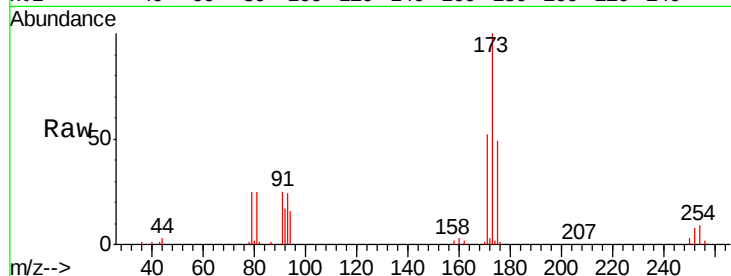
ClientSampleId :

VU1127WBSD01

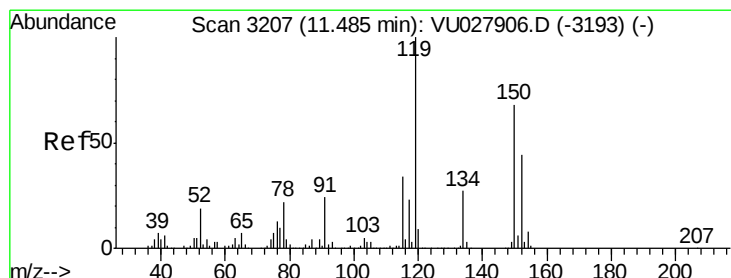
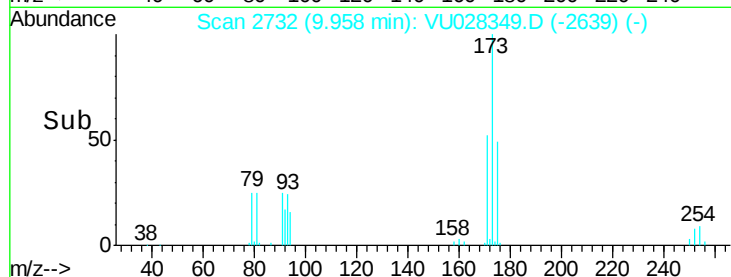
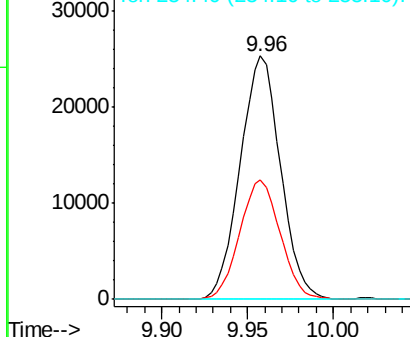
Tgt Ion:	173	Resp:	41317
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.3	72.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

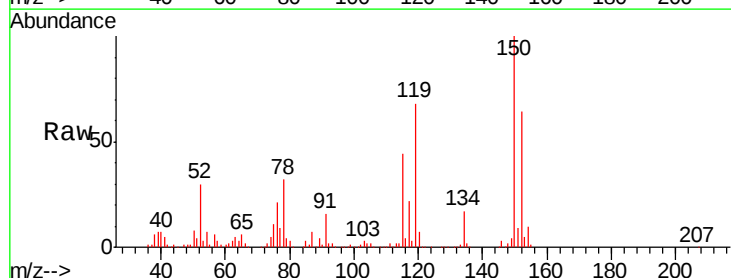
RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

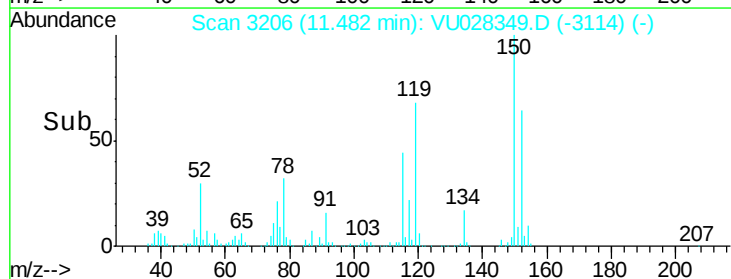
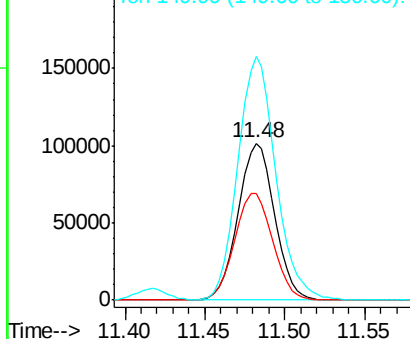
Lab File: VU028349.D

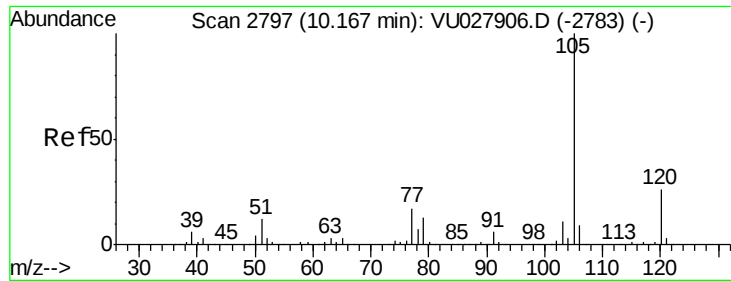
Acq: 27 Nov 2018 20:38

Tgt Ion:	152	Resp:	157325
Ion Ratio	Lower	Upper	
152	100		
115	70.9	43.0	129.0
150	161.5	0.0	349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.80 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampled :

VU1127WBSD01

Tgt Ion: 105 Resp: 253453

Ion Ratio Lower Upper

105 100

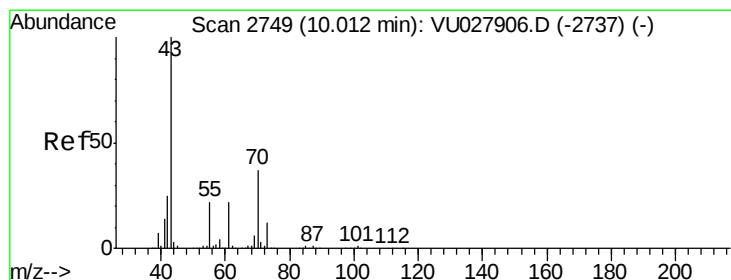
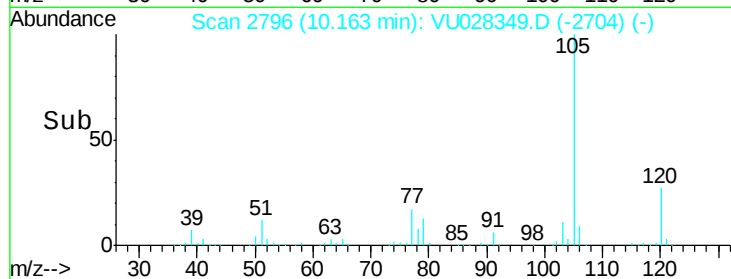
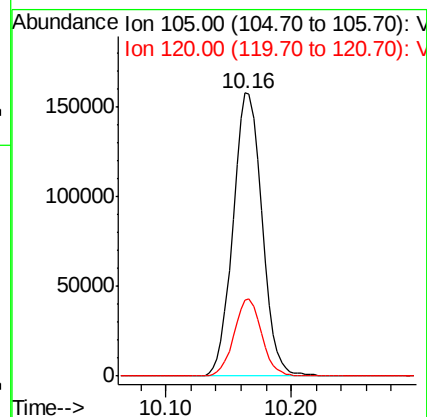
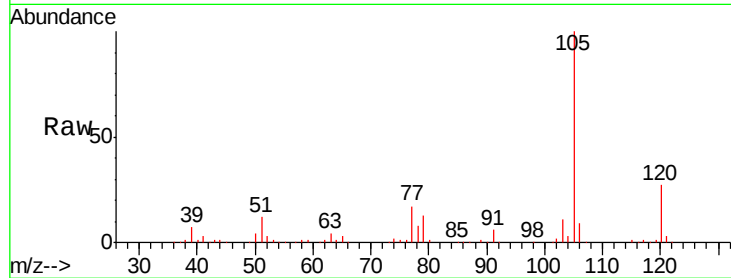
120 26.1 12.7 38.0

Manual Integrations

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sam

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#74

N-ethyl acetate

Concen: 21.80 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion: 43 Resp: 160676

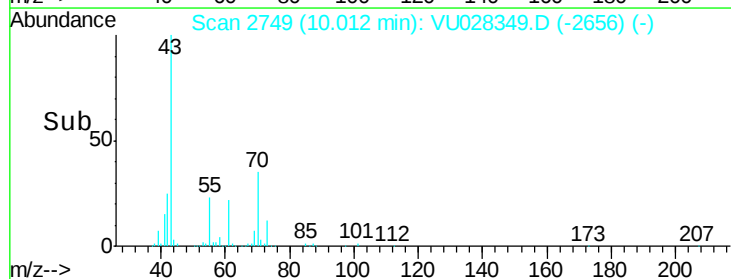
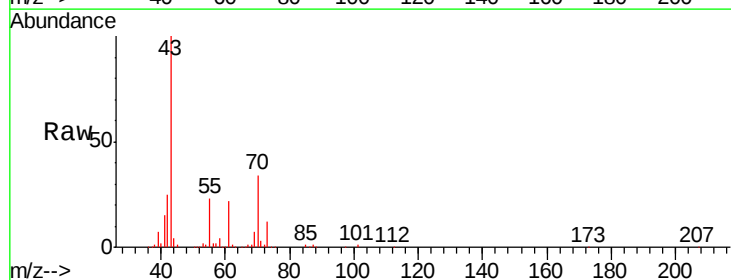
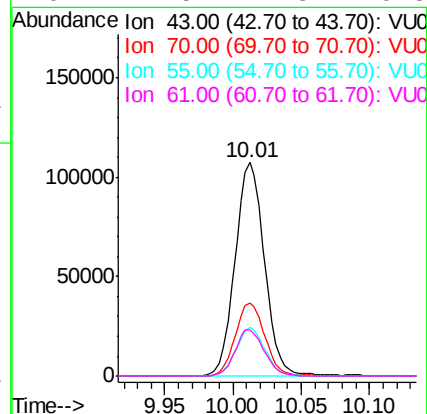
Ion Ratio Lower Upper

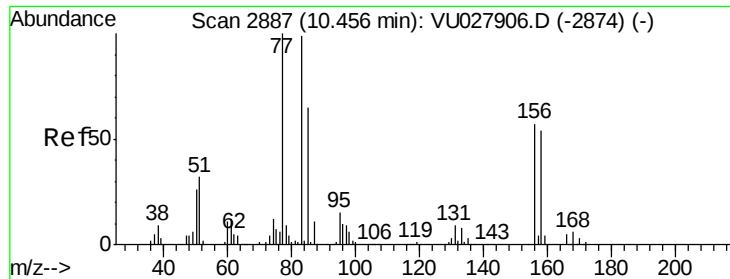
43 100

70 34.6 29.2 43.8

55 22.4 17.8 26.6

61 21.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.98 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 83 Resp: 108067
Ion Ratio Lower Upper

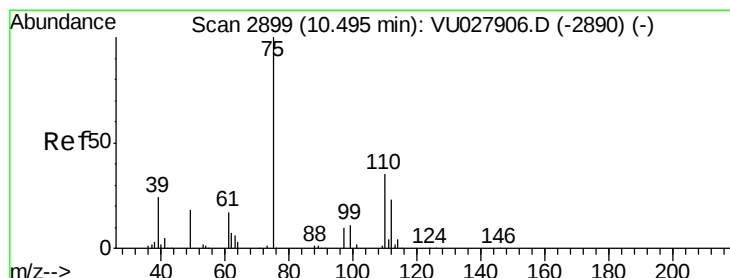
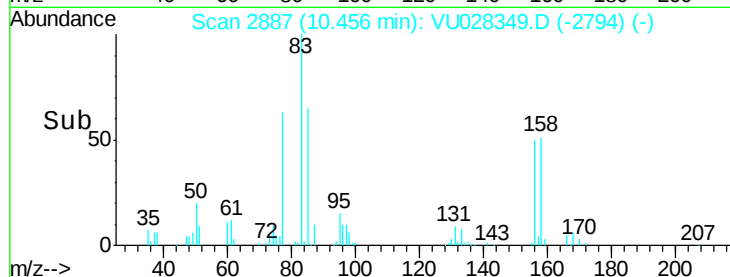
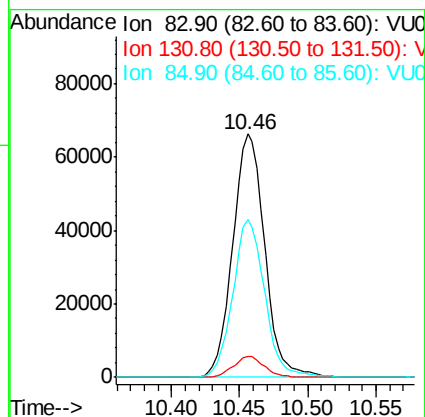
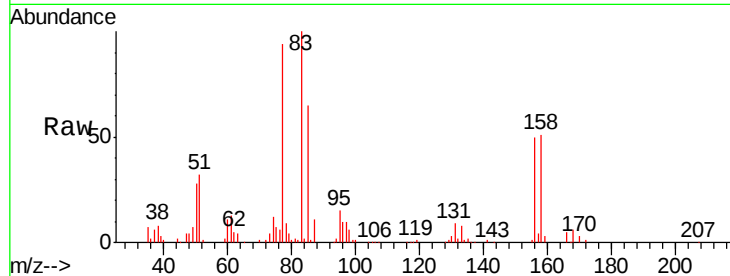
83 100

131 8.3 4.3 13.1

85 64.6 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 22.17 ug/l m

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

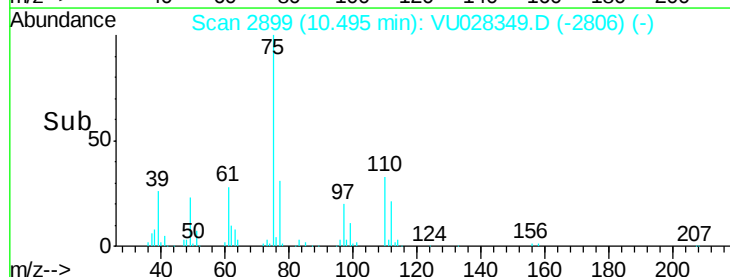
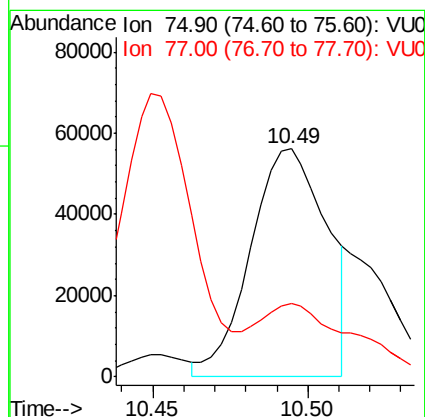
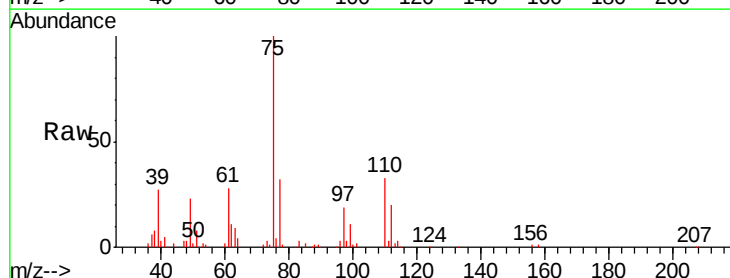
Lab File: VU028349.D

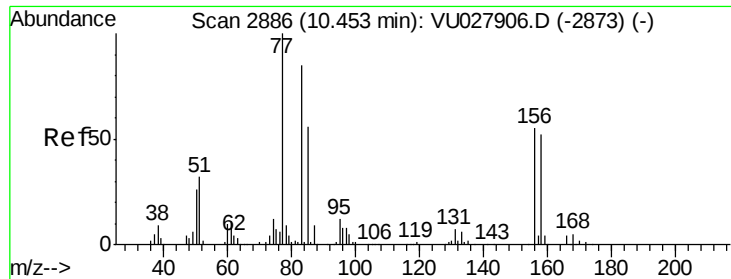
Acq: 27 Nov 2018 20:38

Tgt Ion: 75 Resp: 95414
Ion Ratio Lower Upper

75 100

77 41.0 21.6 64.6





#77

Bromobenzene

Concen: 20.36 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

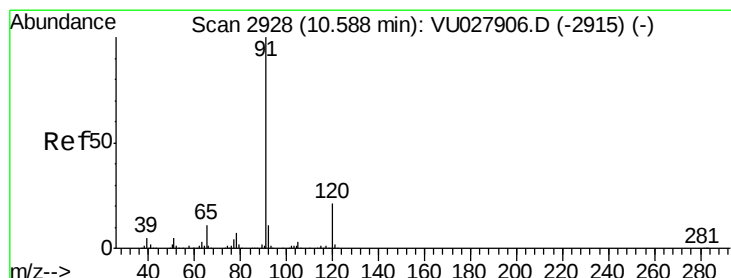
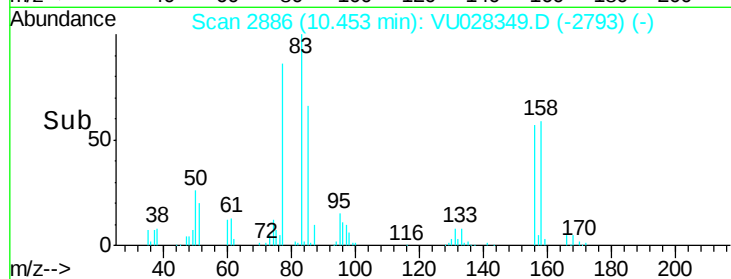
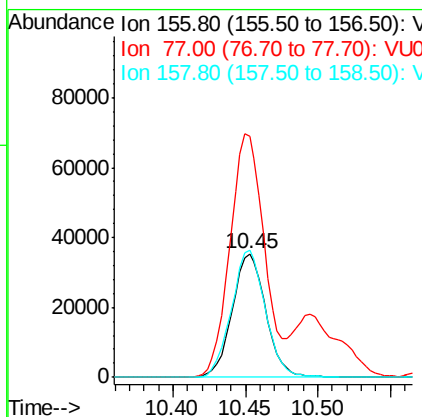
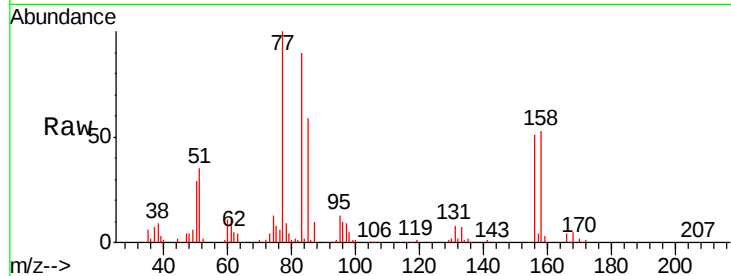
ClientSampleId :

VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	202.9	91.8	275.6
158	103.6	48.4	145.2

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#78

n-propylbenzene

Concen: 21.32 ug/l

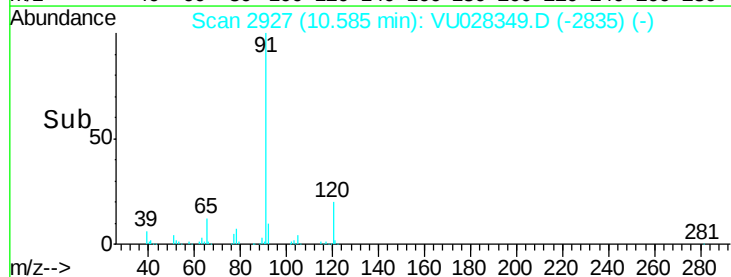
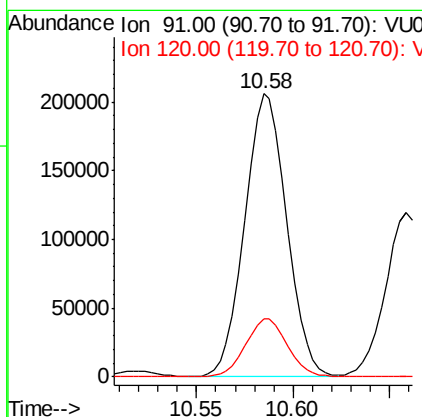
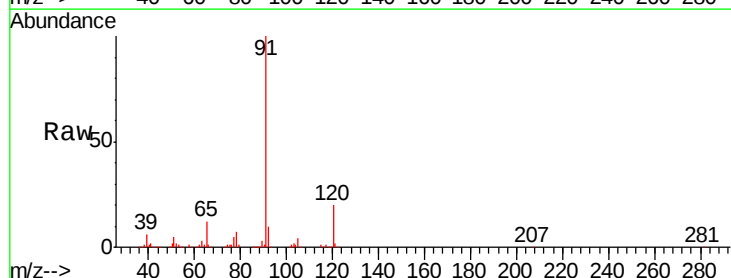
RT: 10.58 min Scan# 2927

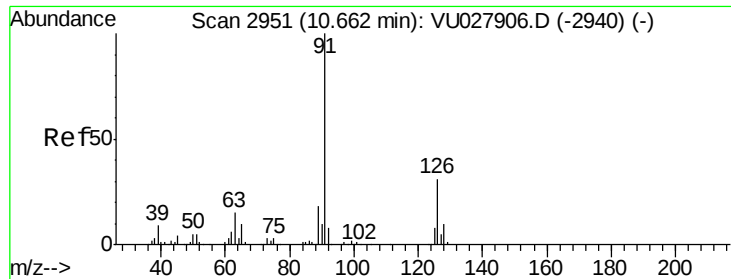
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.5	10.6	31.8





#79

2-Chlorotoluene

Concen: 21.39 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBSD01

Tgt Ion: 91 Resp: 187025

Ion Ratio Lower Upper

91 100

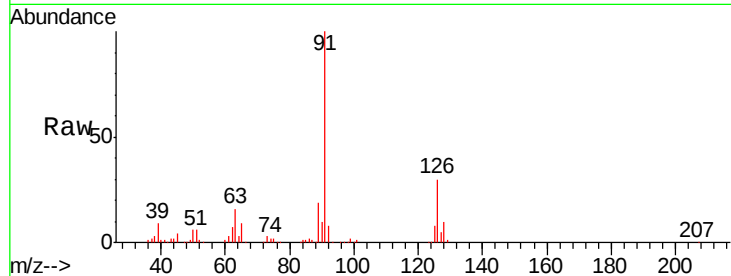
126 30.2 16.0 47.9

Manual Integrations

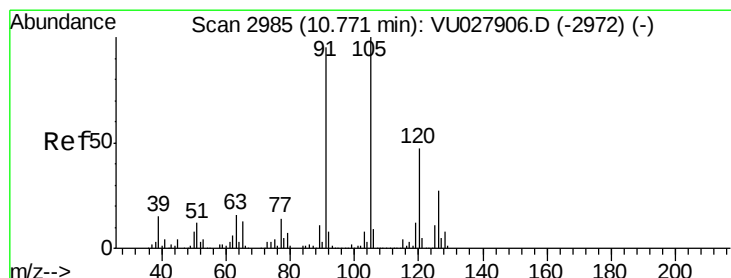
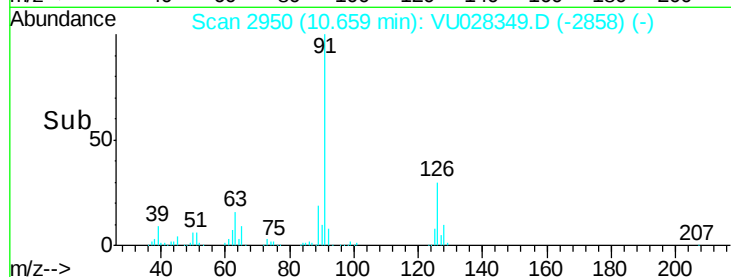
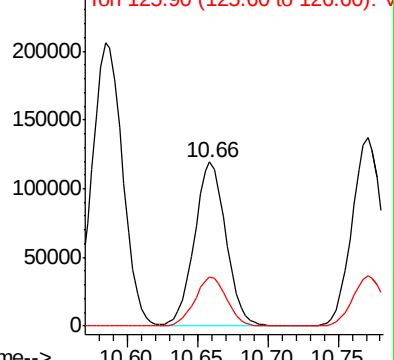
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Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2940) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.08 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU028349.D

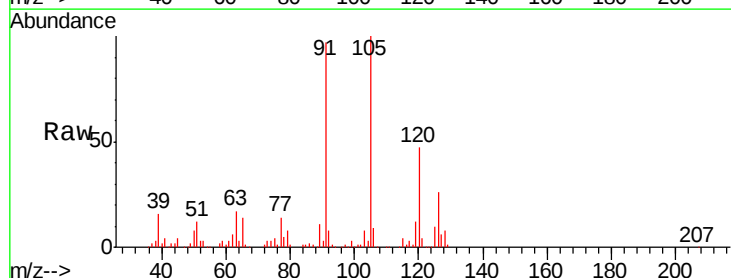
Acq: 27 Nov 2018 20:38

Tgt Ion: 105 Resp: 212804

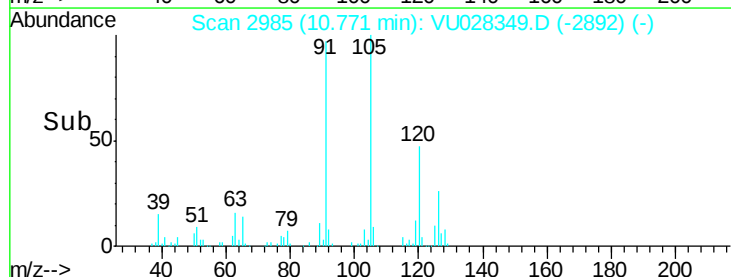
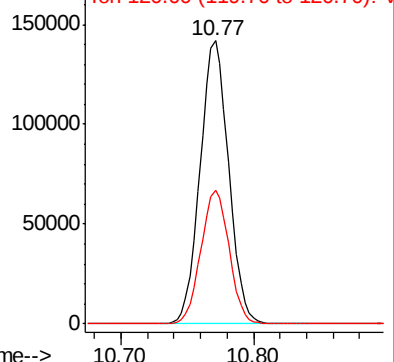
Ion Ratio Lower Upper

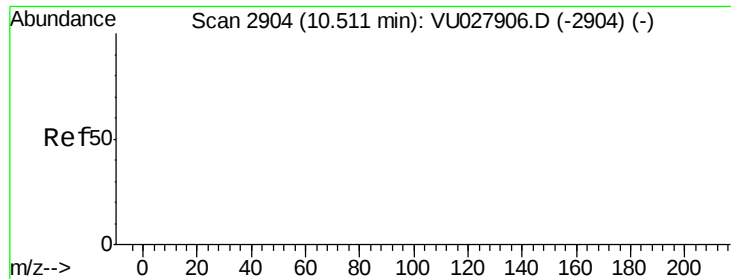
105 100

120 46.5 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027906.D (-2972) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.78 ug/l m

RT: 10.51 min Scan# 2904

Delta R.T. 0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Instrument :

MSVOA_U

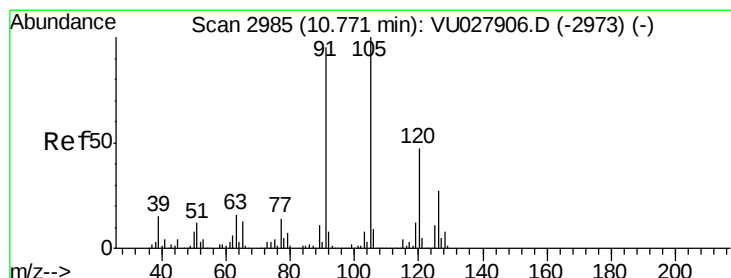
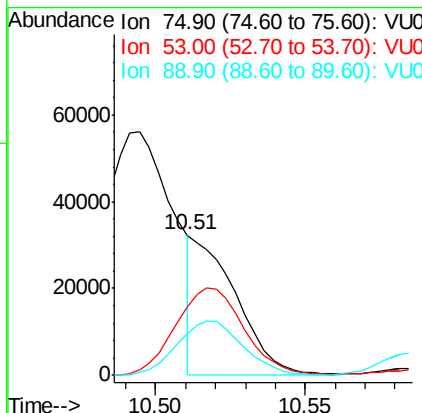
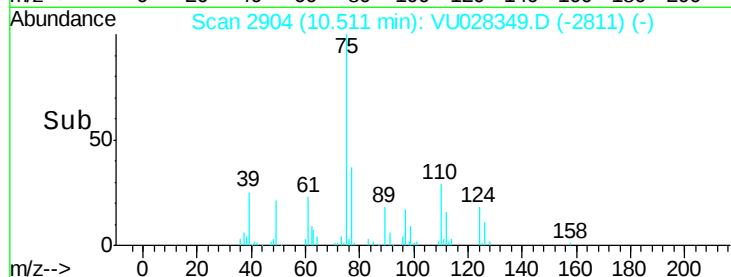
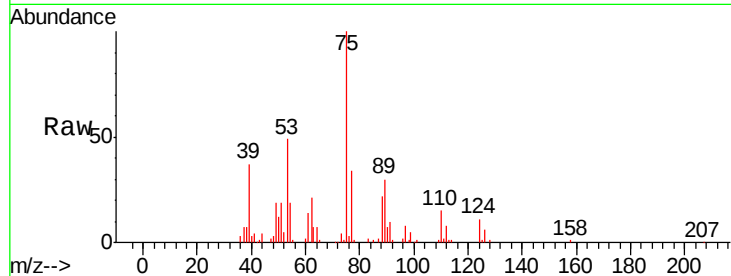
ClientSampled :

VU1127WBSD01

Tgt Ion:	75	Resp:	32089
Ion Ratio	Lower	Upper	
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.20 ug/l

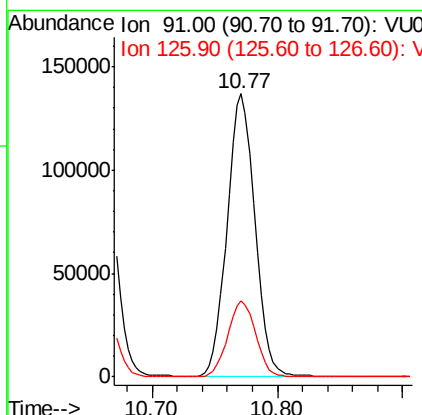
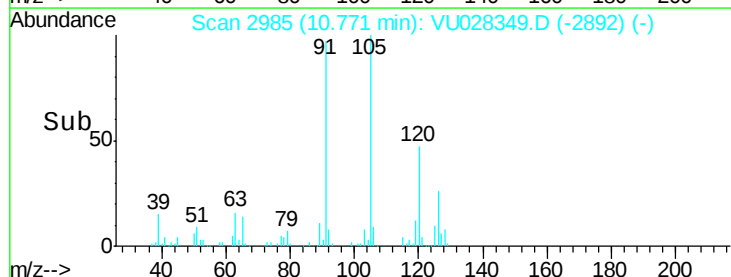
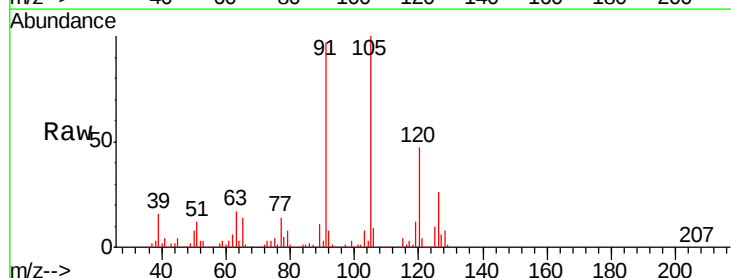
RT: 10.77 min Scan# 2985

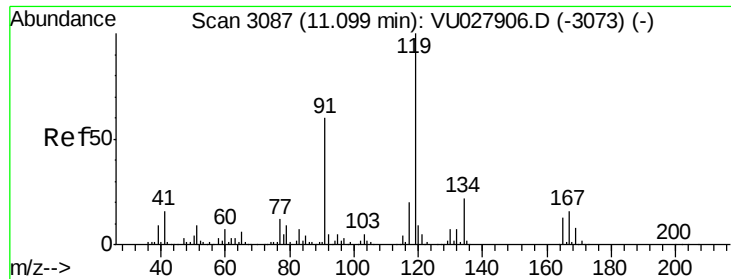
Delta R.T. -0.00 min

Lab File: VU028349.D

Acq: 27 Nov 2018 20:38

Tgt Ion:	91	Resp:	210481
Ion Ratio	Lower	Upper	
91	100		
126	26.9	14.2	42.6





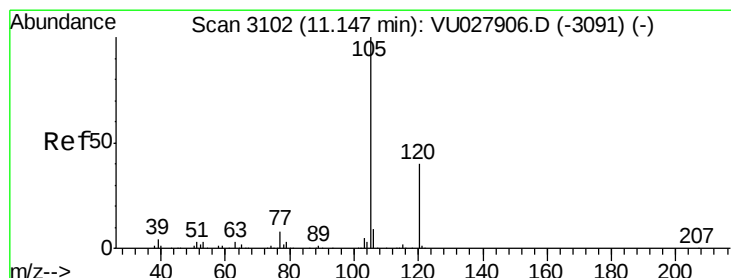
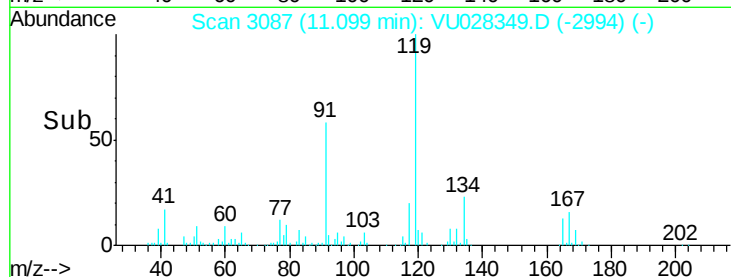
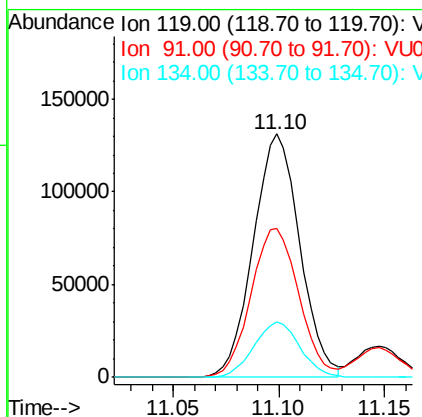
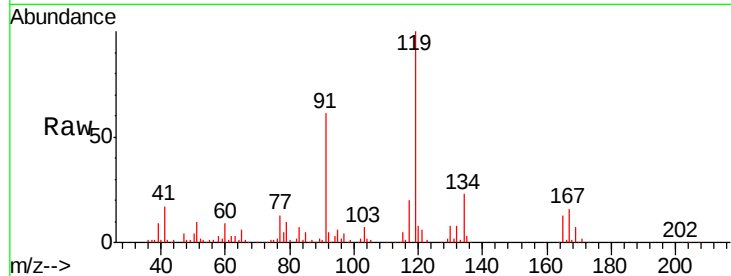
#83
 tert-Butylbenzene
 Concen: 20.01 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.0	29.8	89.3
134	22.4	11.1	33.1

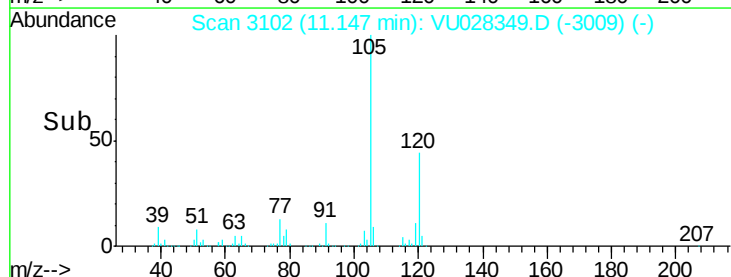
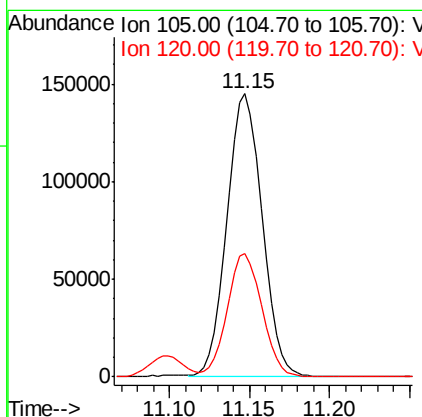
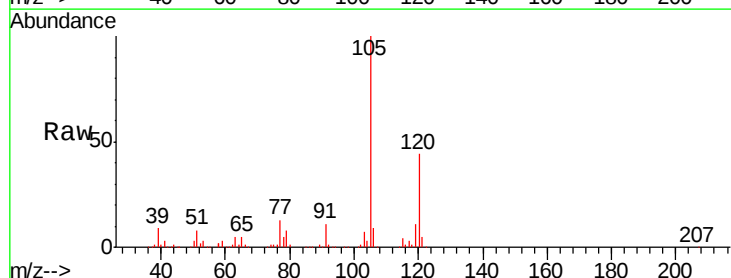
Manual Integrations
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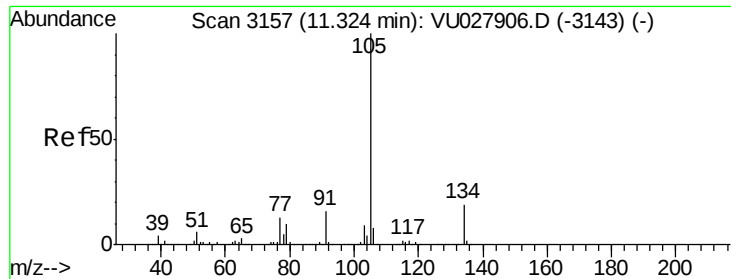
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.39 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.1	66.1





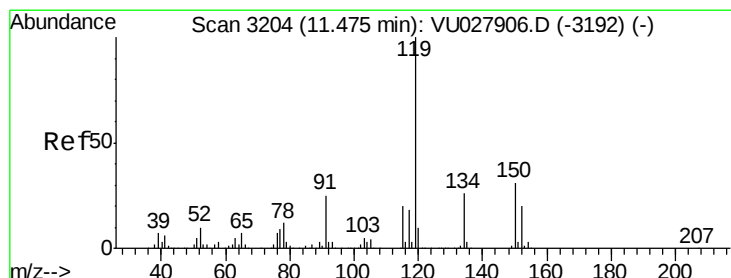
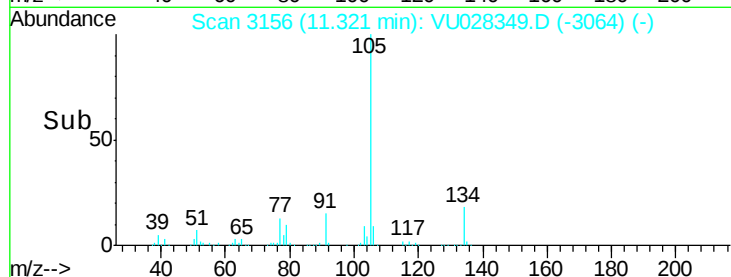
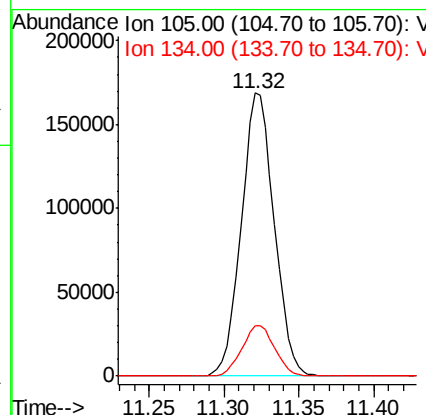
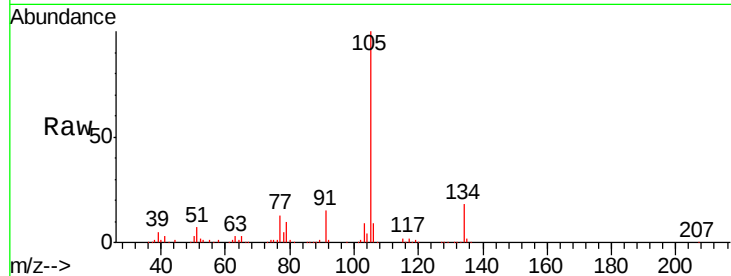
#85
 sec-Butylbenzene
 Concen: 20.98 ug/l
 RT: 11.32 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257512		
134	17.9	9.2	27.6	

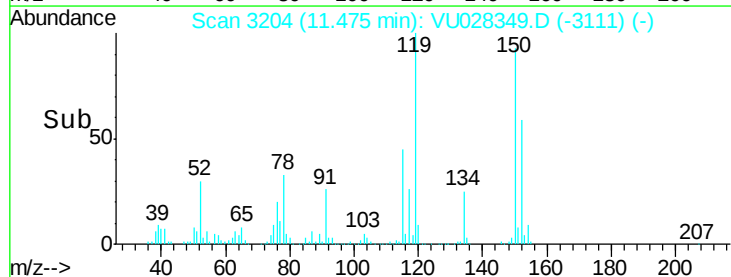
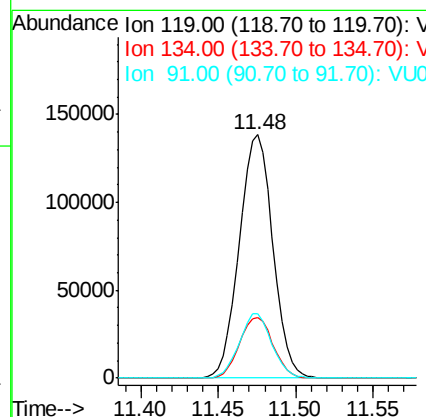
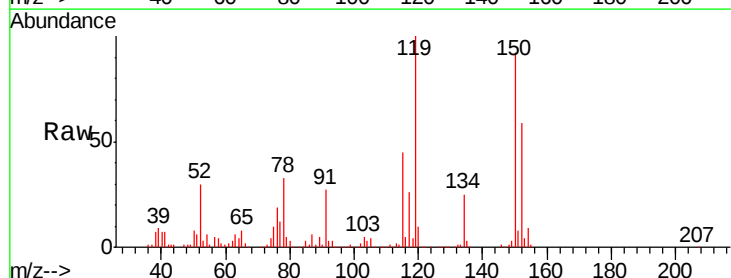
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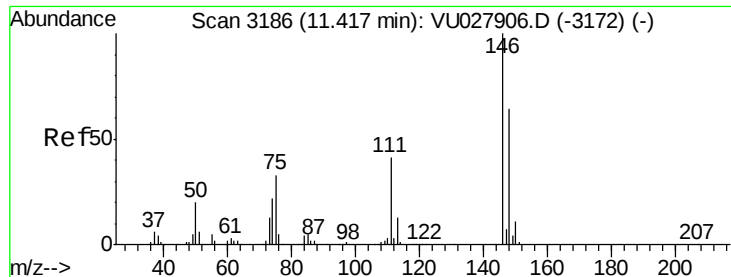
sam
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#86
 p-Isopropyltoluene
 Concen: 20.30 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	208345		
134	25.1	12.9	38.7	
91	25.7	12.4	37.2	





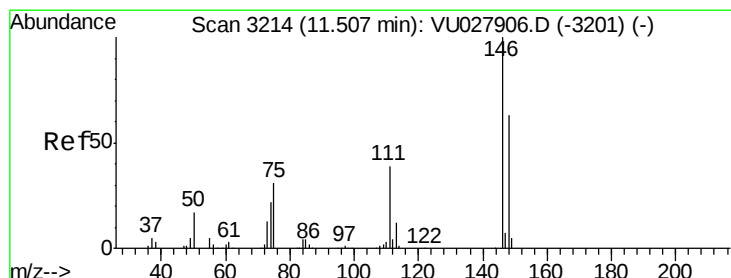
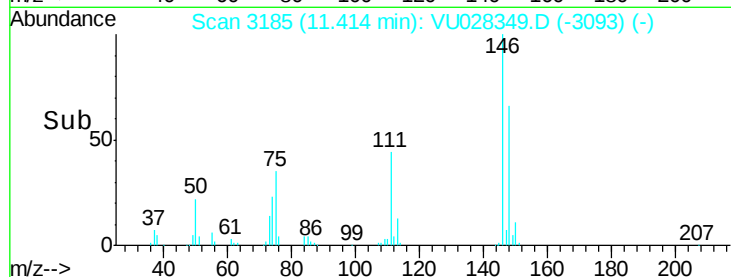
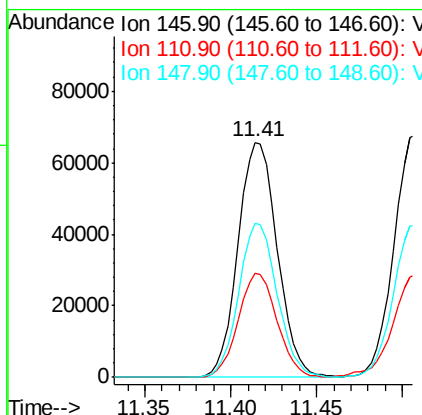
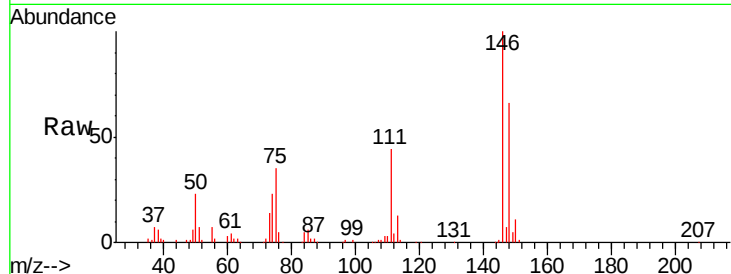
#87
 1,3-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.3	61.0
148	64.0	31.8	95.4

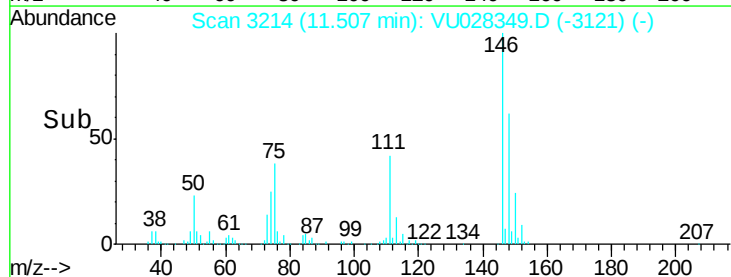
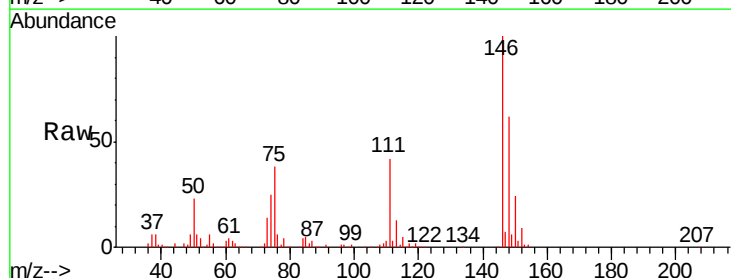
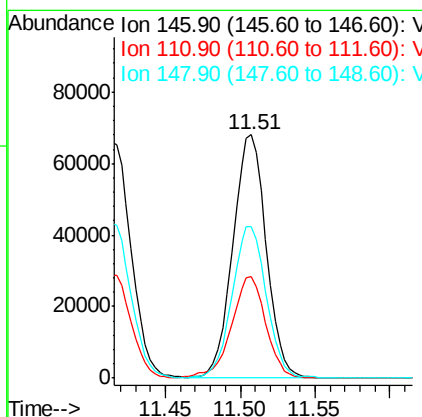
Manual Integrations
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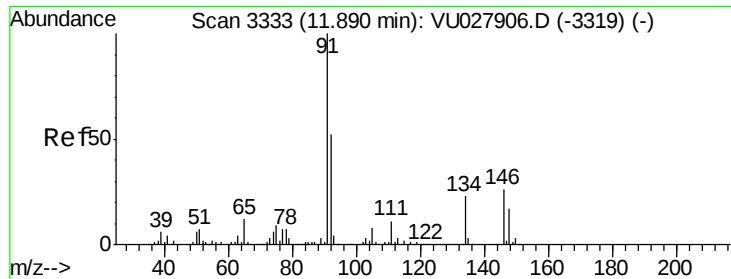
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.3	60.9
148	64.4	32.0	96.2





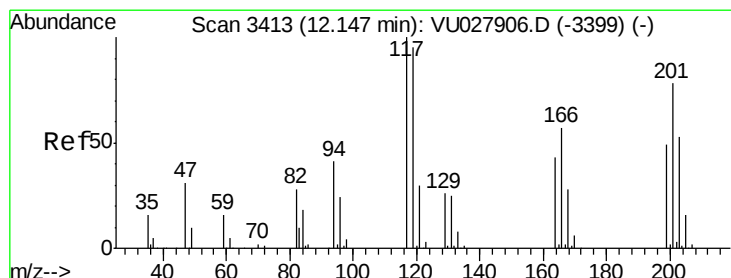
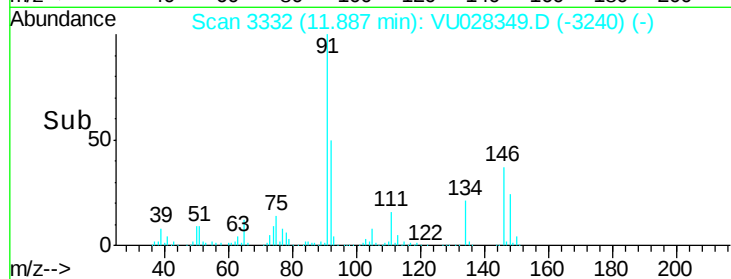
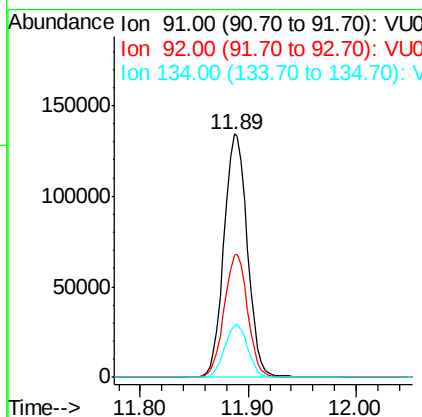
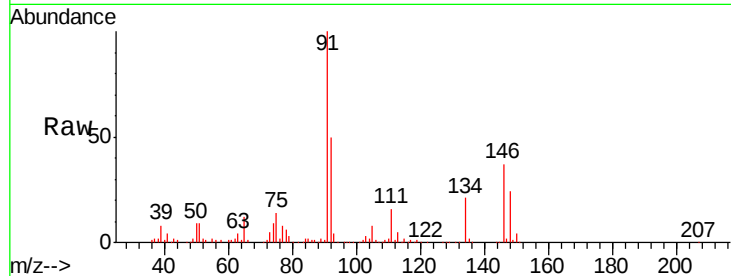
#89
n-Butylbenzene
Concen: 20.85 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion: 91 Resp: 203367
Ion Ratio Lower Upper
91 100
92 50.7 26.2 78.5
134 21.5 11.5 34.5

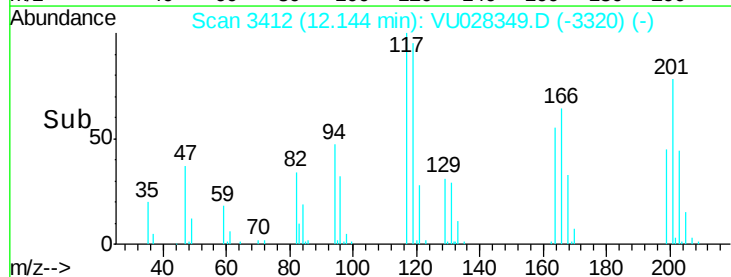
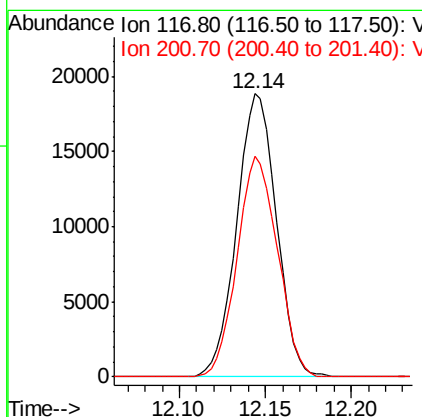
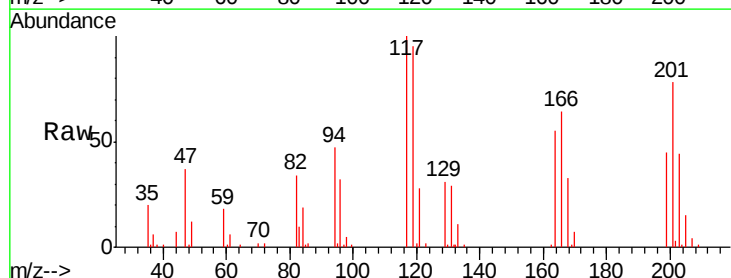
Manual Integrations
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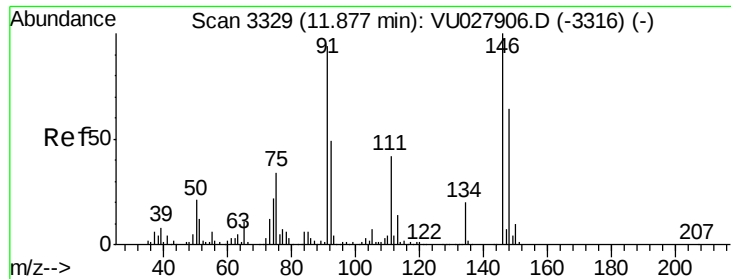
sam
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#90
Hexachloroethane
Concen: 16.49 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion: 117 Resp: 30124
Ion Ratio Lower Upper
117 100
201 79.3 38.5 115.5





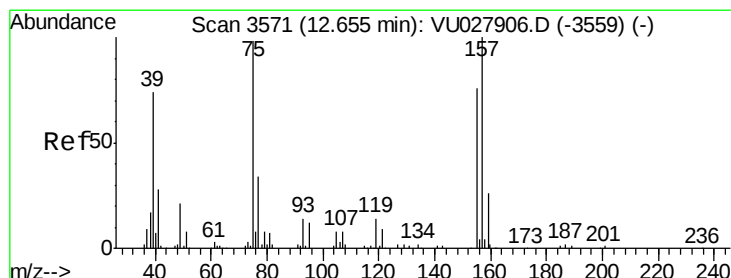
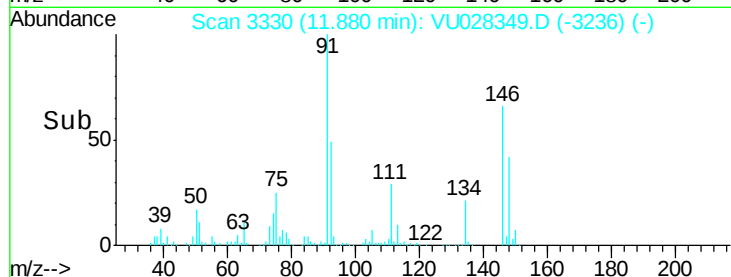
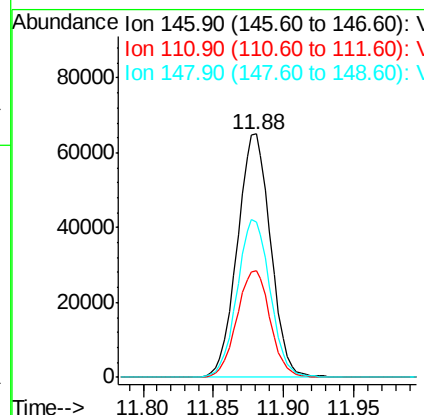
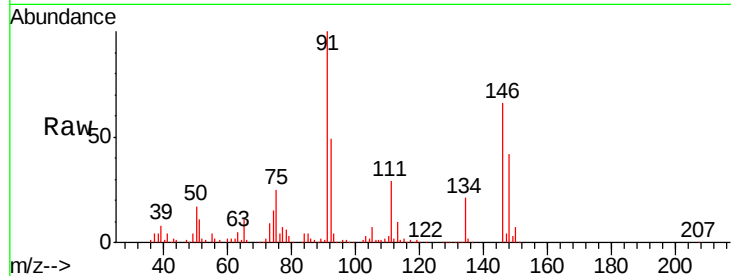
#91
 1,2-Dichlorobenzene
 Concen: 20.74 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.3	64.0
148	64.5	31.8	95.3

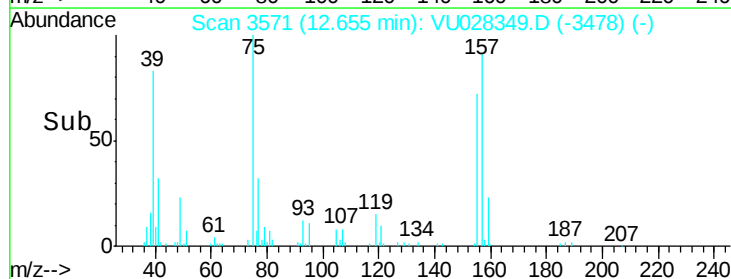
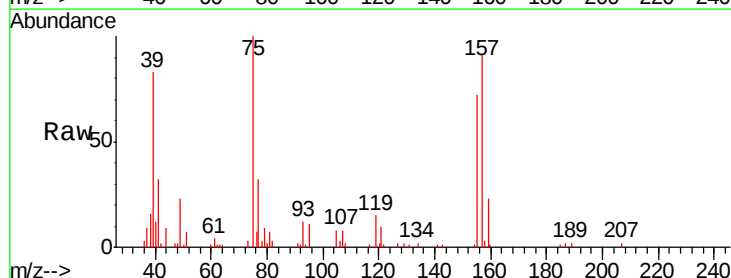
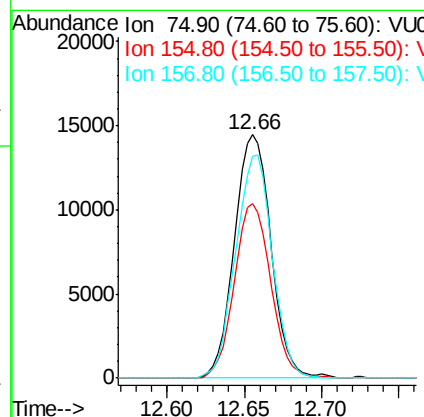
Manual Integrations
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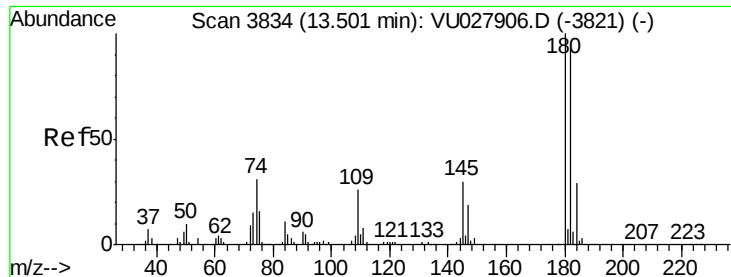
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.98 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	39.8	119.3
157	91.7	50.6	151.9





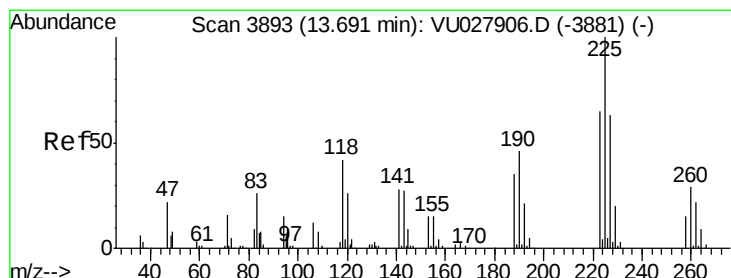
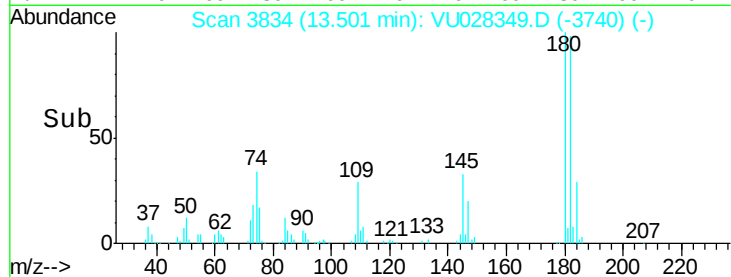
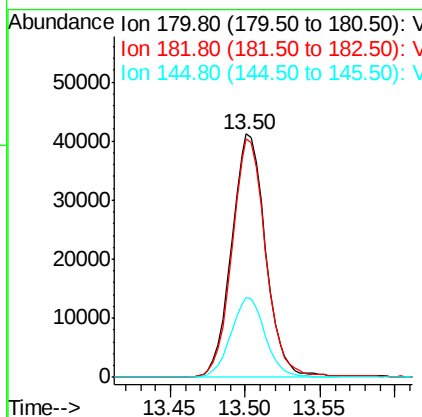
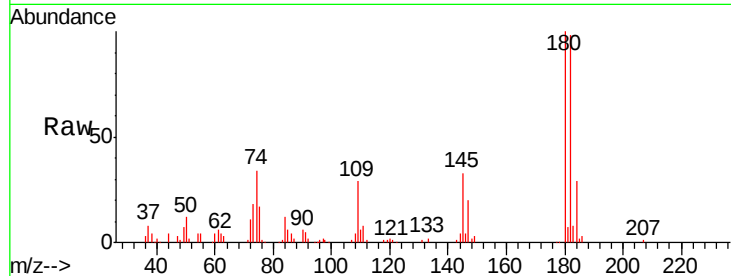
#93
 1,2,4-Trichlorobenzene
 Concen: 18.33 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.4	145.2
145	33.0	14.9	44.5

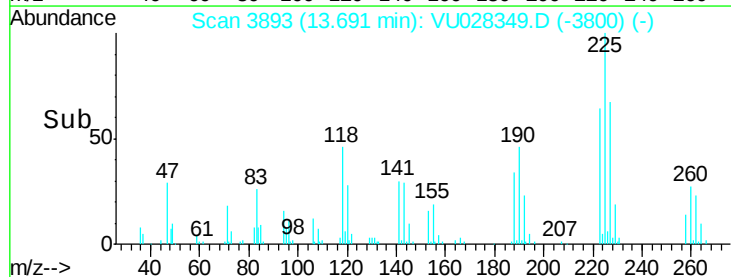
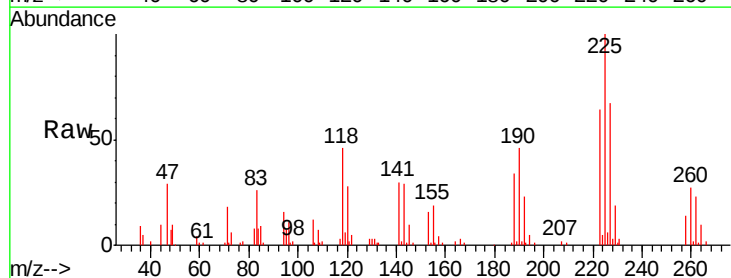
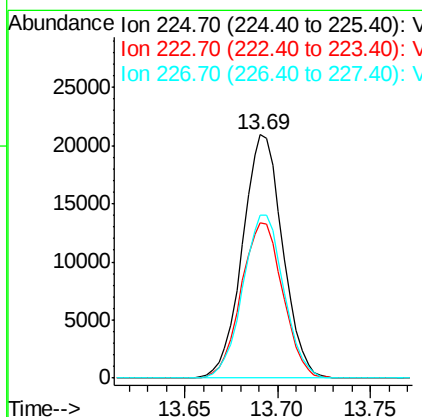
Manual Integrations
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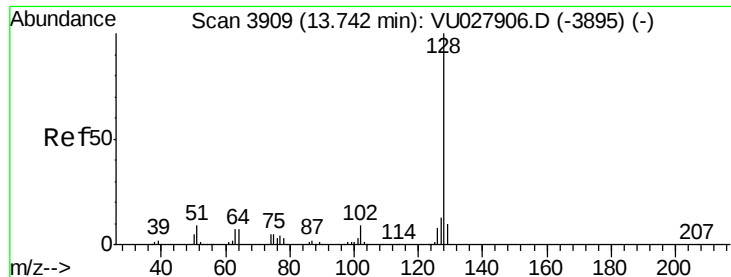
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#94
 Hexachlorobutadiene
 Concen: 19.07 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028349.D
 Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.2	96.6
227	68.1	32.5	97.4





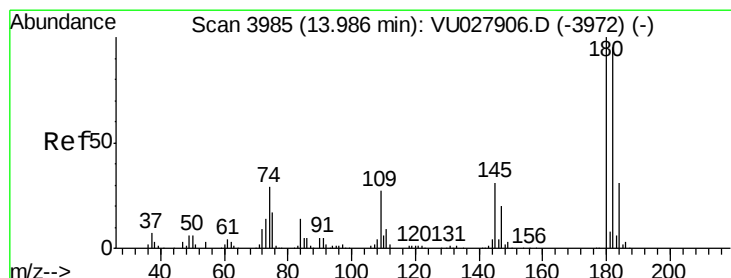
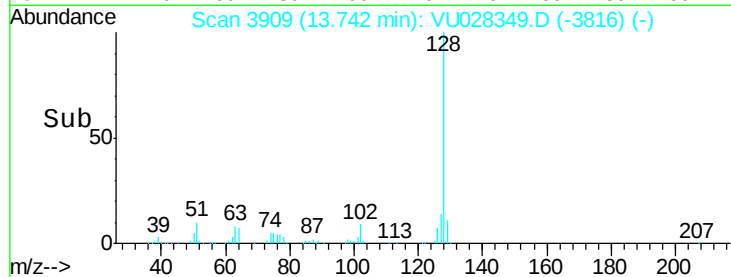
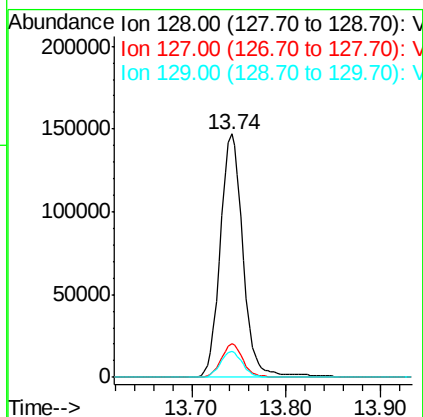
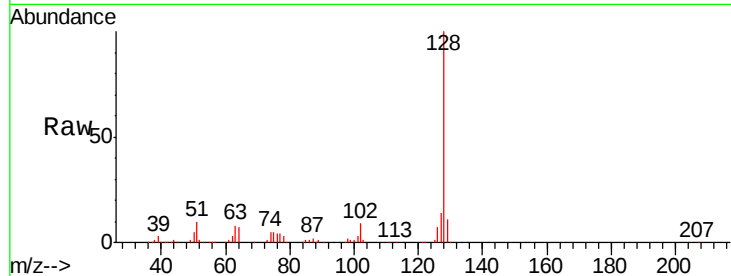
#95
Naphthalene
Concen: 18.94 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.2	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.02 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028349.D
Acq: 27 Nov 2018 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.3
145	33.5	16.0	47.9

