

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028348.D
 Acq On : 27 Nov 2018 20:13
 Operator : MD/SY
 Sample : VU1127WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

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

Quant Time: Nov 28 05:04:38 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	197767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	357538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	330309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	153939	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	182724	62.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.28%	
35) Dibromofluoromethane	4.88	113	125452	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
50) Toluene-d8	7.57	98	483036	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	10.30	95	174947	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	42028	16.72	ug/l	100
3) Chloromethane	1.33	50	93653	30.81	ug/l	98
4) Vinyl Chloride	1.40	62	65545	21.73	ug/l	97
5) Bromomethane	1.61	94	24973	22.46	ug/l	99
6) Chloroethane	1.69	64	41184	23.69	ug/l	97
7) Trichlorofluoromethane	1.88	101	74654	21.42	ug/l	98
8) Diethyl Ether	2.10	74	36625	24.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	44260	21.37	ug/l	99
10) Methyl Iodide	2.41	142	40299	25.66	ug/l	100
11) Tert butyl alcohol	2.83	59	90579	116.37	ug/l	98
12) 1,1-Dichloroethene	2.28	96	42569	20.54	ug/l	94
13) Acrolein	2.20	56	18091	57.96	ug/l	97
14) Allyl chloride	2.59	41	113559	22.42	ug/l	99
15) Acrylonitrile	2.94	53	227905	119.19	ug/l	99
16) Acetone	2.32	43	219391	120.26	ug/l	99
17) Carbon Disulfide	2.48	76	142707	21.06	ug/l	99
18) Methyl Acetate	2.61	43	127830	25.47	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	186481	22.31	ug/l	99
20) Methylene Chloride	2.70	84	78236	29.37	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	49492	20.69	ug/l	91
22) Diisopropyl ether	3.57	45	239463	22.90	ug/l	97
23) Vinyl Acetate	3.52	43	989019	110.03	ug/l	99
24) 1,1-Dichloroethane	3.44	63	117688	22.59	ug/l	99
25) 2-Butanone	4.26	43	342982	118.18	ug/l	100
26) 2,2-Dichloropropane	4.23	77	88387	22.61	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	60362	22.50	ug/l	96
28) Bromochloromethane	4.55	49	63476	25.99	ug/l	94
29) Tetrahydrofuran	4.64	42	217302	112.13	ug/l	99
30) Chloroform	4.67	83	107140	22.43	ug/l	97
31) Cyclohexane	4.99	56	110375	20.60	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	85802	22.57	ug/l	97
36) 1,1-Dichloropropene	5.13	75	76518	20.43	ug/l	98
37) Ethyl Acetate	4.38	43	117599	21.43	ug/l	99
38) Carbon Tetrachloride	5.13	117	66763	20.12	ug/l	98

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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	87552	19.39	ug/l	93
40) Benzene	5.39	78	245027	21.40	ug/l	99
41) Methacrylonitrile	4.54	41	66817	22.82	ug/l	99
42) 1,2-Dichloroethane	5.40	62	88094	21.65	ug/l	98
43) Isopropyl Acetate	5.55	43	188368	21.91	ug/l	99
44) Trichloroethene	6.18	130	50259	20.42	ug/l	94
45) 1,2-Dichloropropane	6.43	63	73809	22.35	ug/l	98
46) Dibromomethane	6.56	93	42123	22.19	ug/l	93
47) Bromodichloromethane	6.76	83	81245	22.21	ug/l	100
48) Methyl methacrylate	6.62	41	94732	22.49	ug/l	96
49) 1,4-Dioxane	6.61	88	33564	488.38	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	634492	110.52	ug/l	98
52) Toluene	7.64	92	139330	20.70	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	91718	20.89	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	99815	22.14	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	58767	21.46	ug/l	98
56) Ethyl methacrylate	8.02	69	100331	20.78	ug/l	96
57) 1,3-Dichloropropane	8.24	76	107803	21.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	280730	108.55	ug/l	98
59) 2-Hexanone	8.36	43	487268	109.74	ug/l	99
60) Dibromochloromethane	8.48	129	55141	21.28	ug/l	98
61) 1,2-Dibromoethane	8.58	107	59330	20.39	ug/l	95
64) Tetrachloroethene	8.22	164	43205	20.17	ug/l	94
65) Chlorobenzene	9.12	112	141652	20.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	49054	20.58	ug/l	99
67) Ethyl Benzene	9.25	91	263015	20.48	ug/l	98
68) m/p-Xylenes	9.37	106	186635	40.04	ug/l	97
69) o-Xylene	9.78	106	95771	20.35	ug/l	100
70) Styrene	9.79	104	152855	20.33	ug/l	99
71) Bromoform	9.96	173	41473	20.76	ug/l #	99
73) Isopropylbenzene	10.16	105	249827	20.95	ug/l	100
74) N-amyl acetate	10.01	43	156204	21.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	107546	22.36	ug/l	97
76) 1,2,3-Trichloropropane	10.49	75	86772m	20.61	ug/l	
77) Bromobenzene	10.45	156	57479	21.02	ug/l	95
78) n-propylbenzene	10.58	91	303097	21.23	ug/l	97
79) 2-Chlorotoluene	10.66	91	182311	21.31	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	208463	21.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	32252m	19.29	ug/l	
82) 4-Chlorotoluene	10.77	91	203093	20.91	ug/l	99
83) tert-Butylbenzene	11.10	119	198677	20.12	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	210188	21.13	ug/l	99
85) sec-Butylbenzene	11.32	105	251721	20.96	ug/l	98
86) p-Isopropyltoluene	11.48	119	203243	20.24	ug/l	97
87) 1,3-Dichlorobenzene	11.41	146	104205	20.63	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	102849	19.86	ug/l	98
89) n-Butylbenzene	11.89	91	193302	20.26	ug/l	99
90) Hexachloroethane	12.14	117	30802	17.23	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	105609	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23931	23.61	ug/l	93

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VU1127WBS02

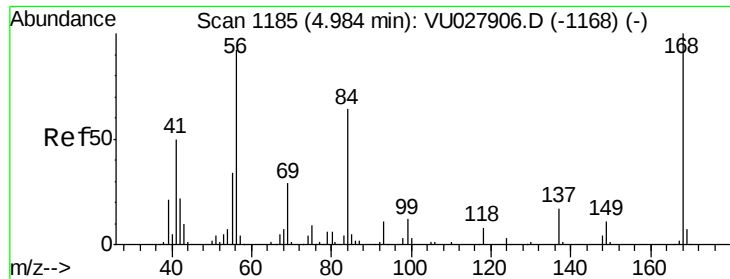
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	62369	17.95	ug/l	99
94) Hexachlorobutadiene	13.69	225	30208	18.71	ug/l	98
95) Naphthalene	13.74	128	242005	19.05	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67669	19.85	ug/l	99

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



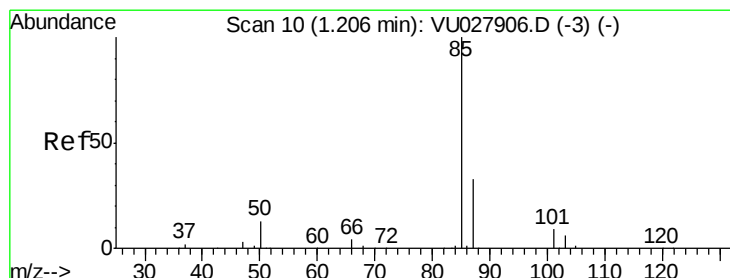
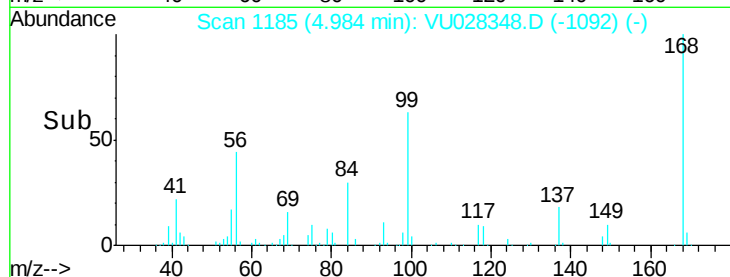
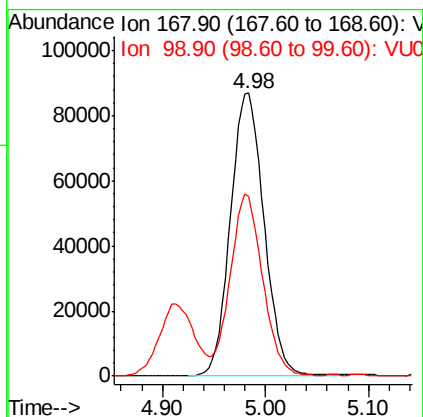
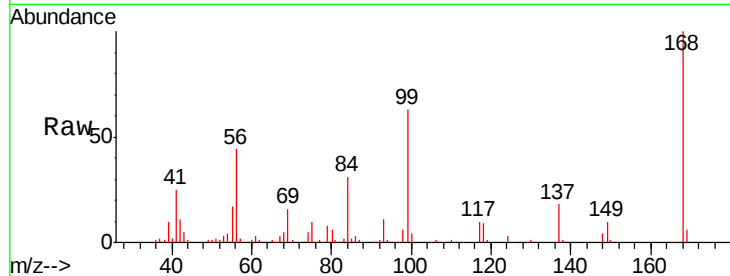
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion: 168 Resp: 197767
Ion Ratio Lower Upper
168 100
99 62.9 47.9 71.9

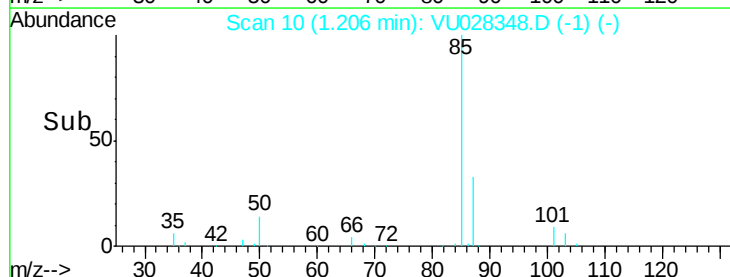
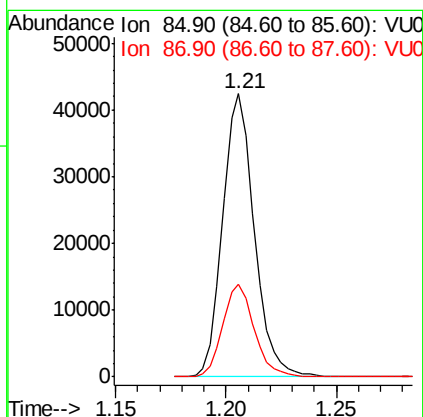
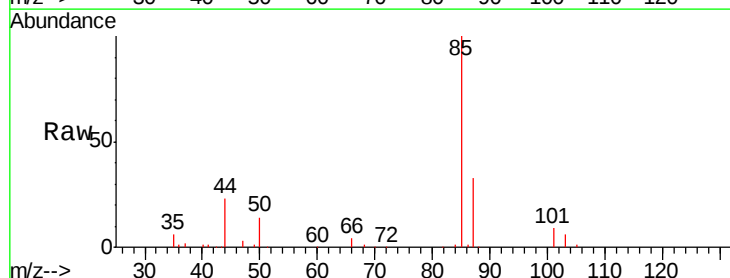
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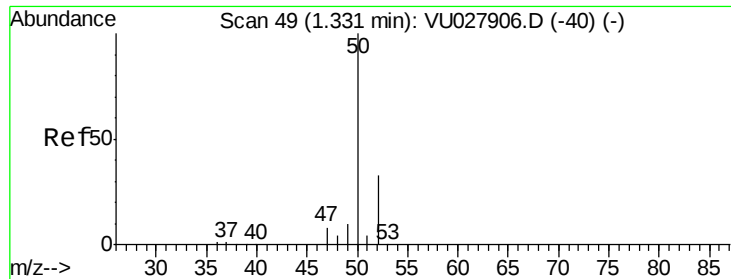
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#2
Dichlorodifluoromethane
Concen: 16.72 ug/l
RT: 1.21 min Scan# 10
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion: 85 Resp: 42028
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5





#3

Chloromethane

Concen: 30.81 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 50 Resp: 93653

Ion Ratio Lower Upper

50 100

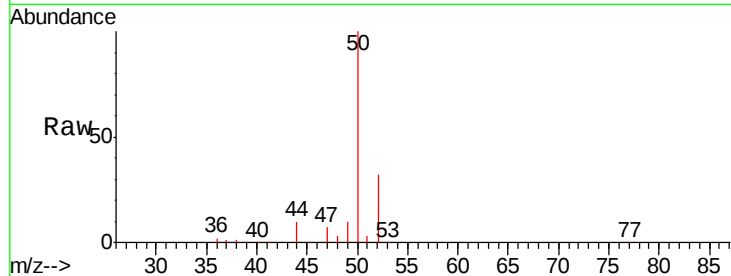
52 31.8 26.2 39.4

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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

80000

60000

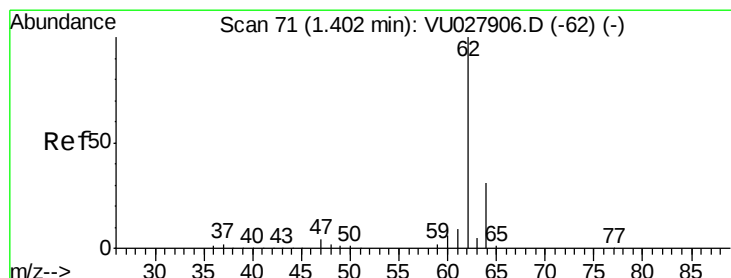
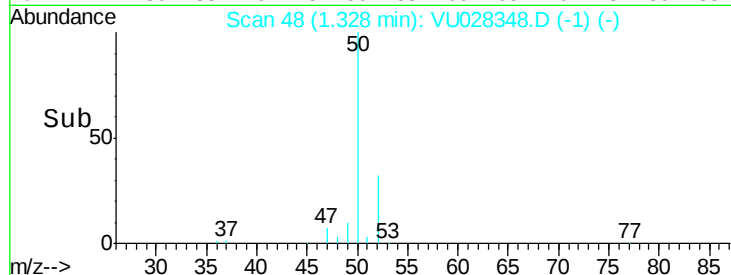
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 21.73 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028348.D

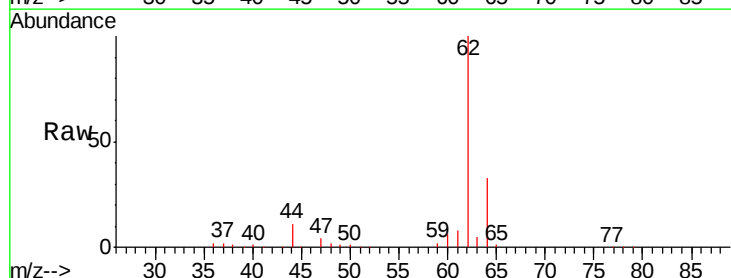
Acq: 27 Nov 2018 20:13

Tgt Ion: 62 Resp: 65545

Ion Ratio Lower Upper

62 100

64 33.0 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

60000

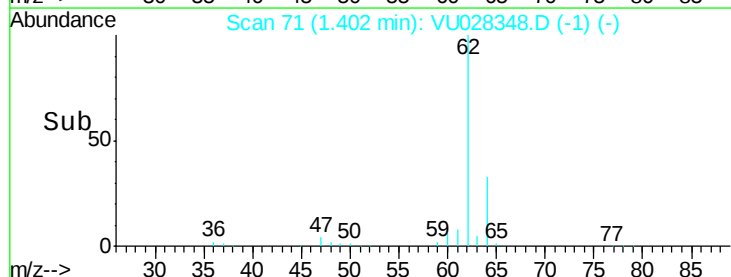
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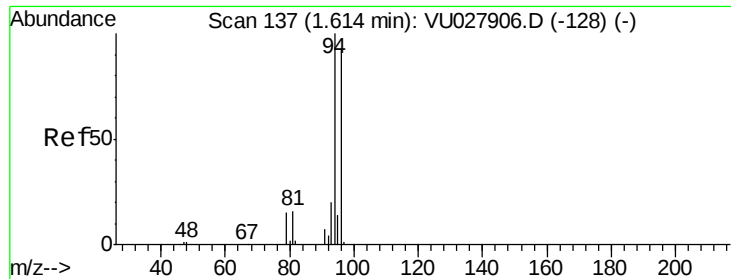
20000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: 22.46 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 94 Resp: 24973

Ion Ratio Lower Upper

94 100

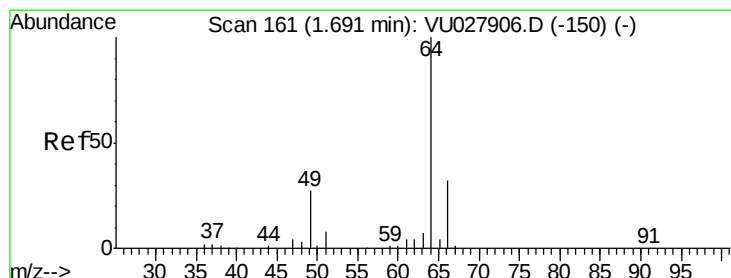
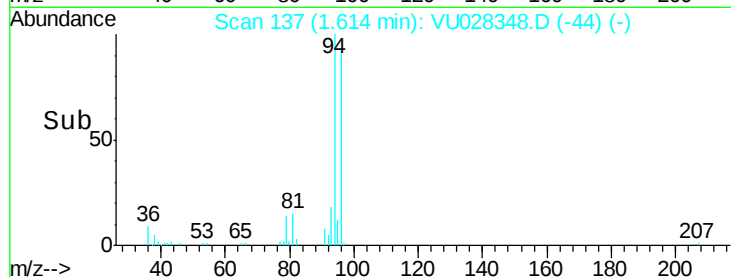
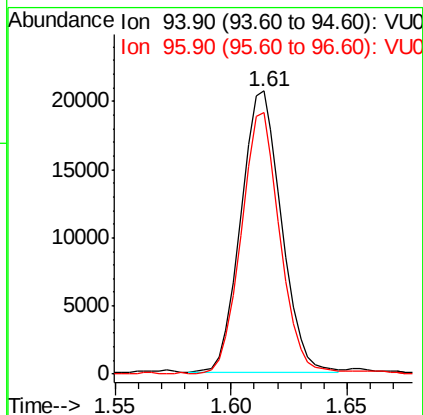
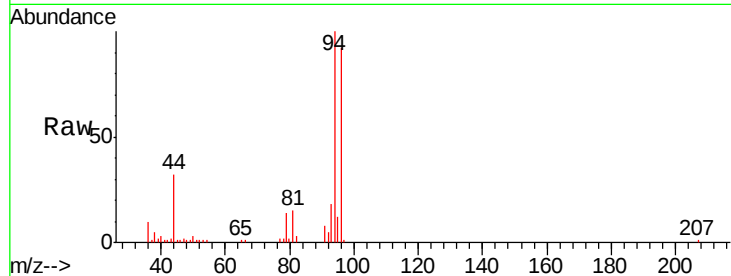
96 92.9 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 23.69 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU028348.D

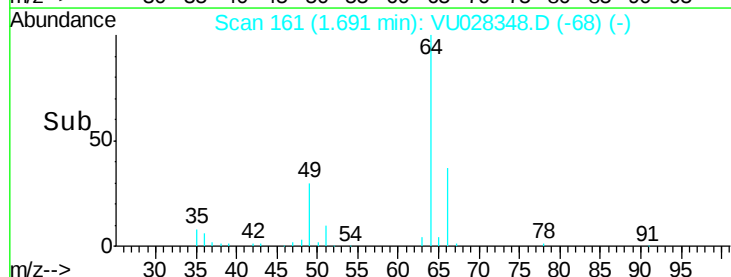
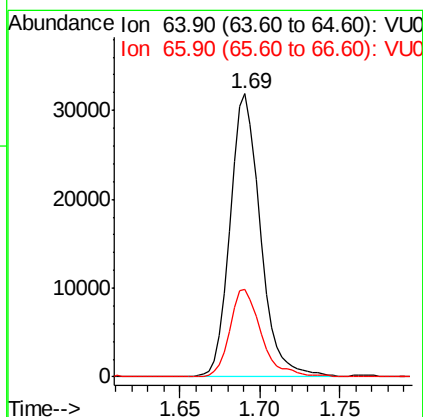
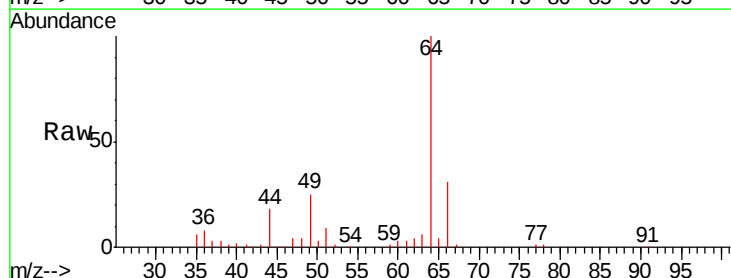
Acq: 27 Nov 2018 20:13

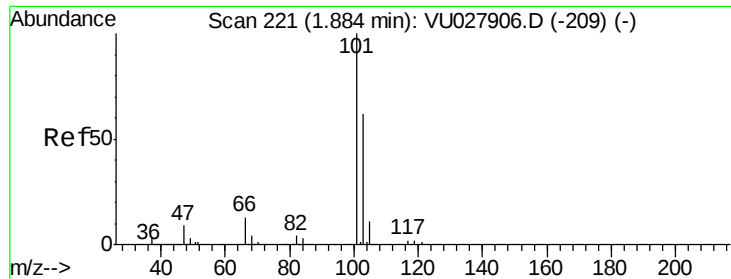
Tgt Ion: 64 Resp: 41184

Ion Ratio Lower Upper

64 100

66 30.9 25.9 38.9





#7

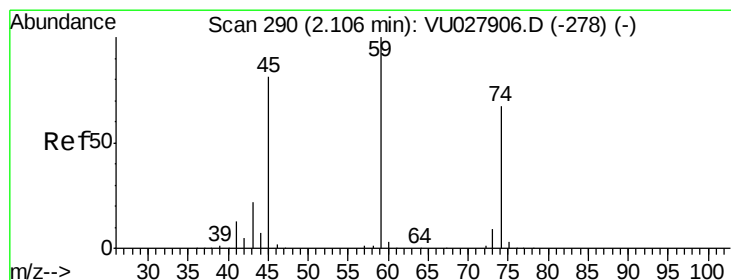
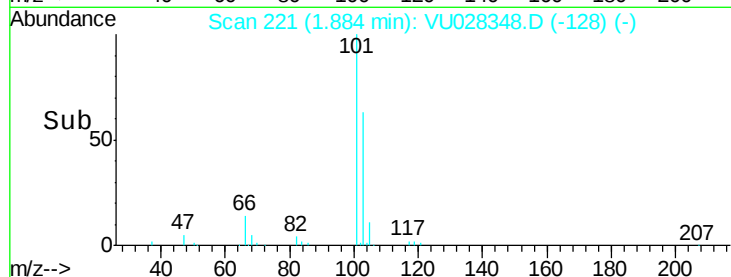
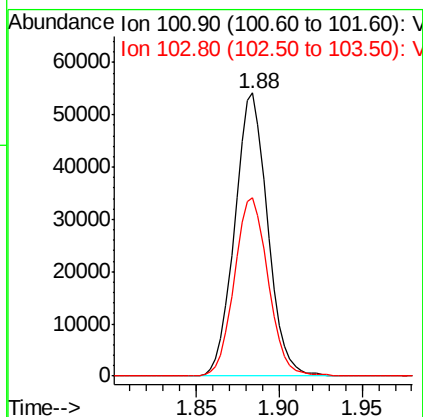
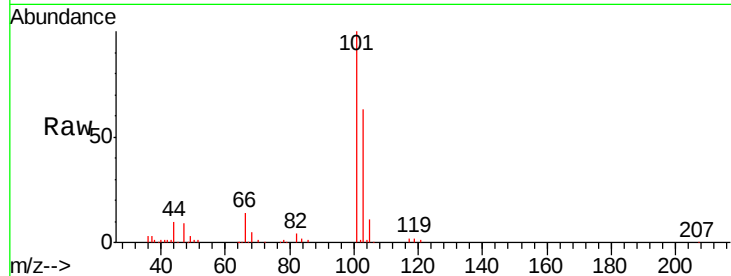
Trichlorofluoromethane
 Concen: 21.42 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.1	49.4	74.2

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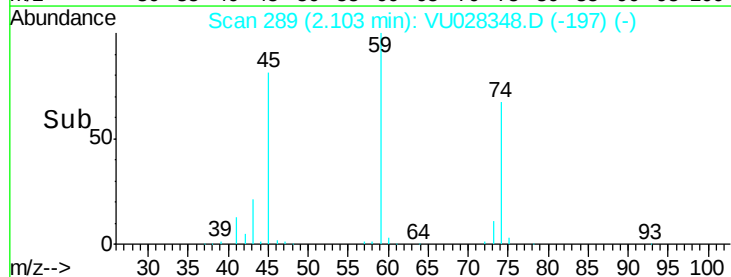
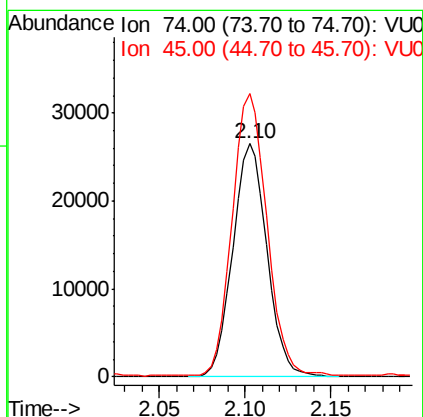
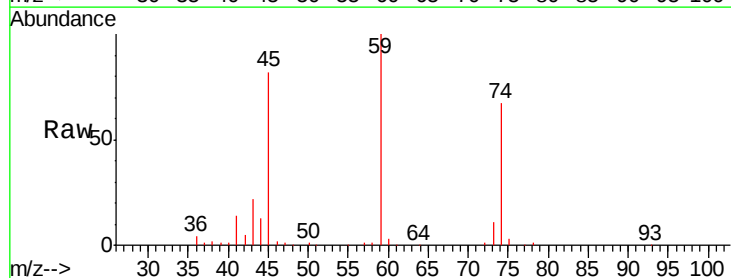
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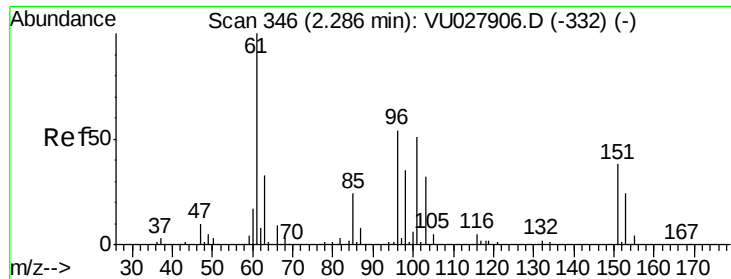


#8

Diethyl Ether
 Concen: 24.54 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	122.2	60.5	181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.37 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

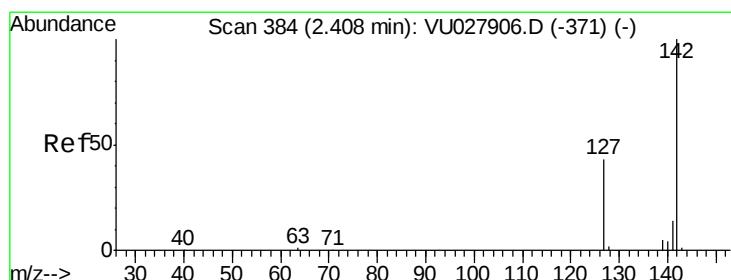
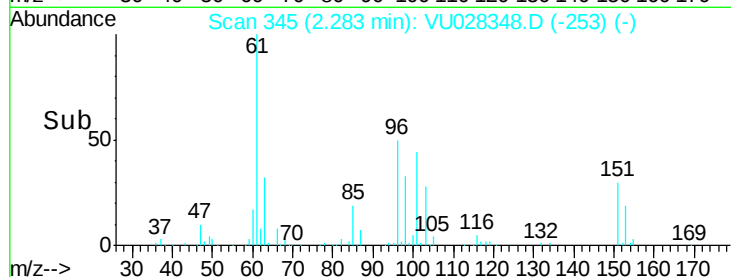
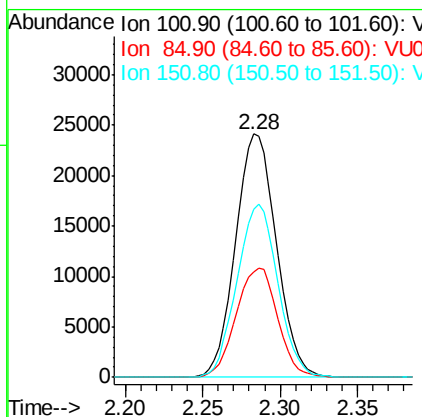
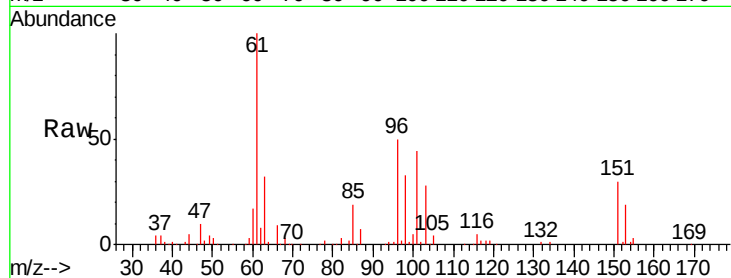
ClientSampleId :

VU1127WBS02

Tgt Ion:	101	Resp:	44260
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.9	55.3
151	71.3	58.0	87.0

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#10

Methyl Iodide

Concen: 25.66 ug/l

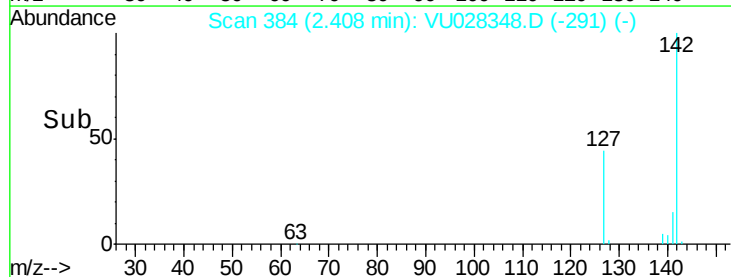
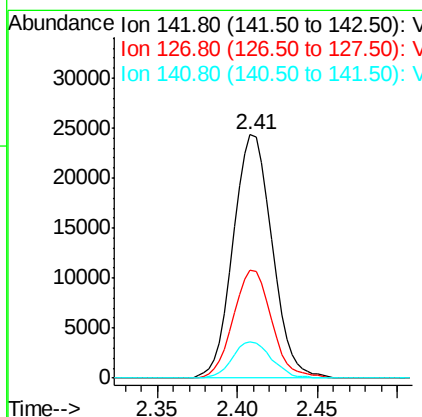
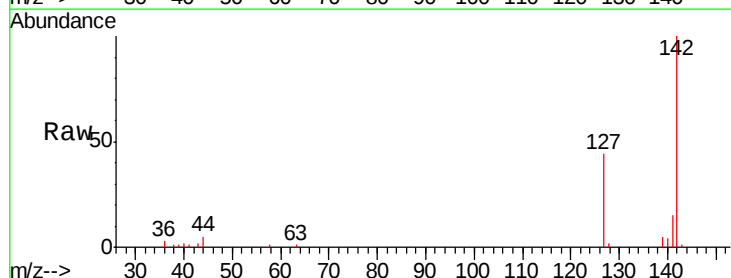
RT: 2.41 min Scan# 384

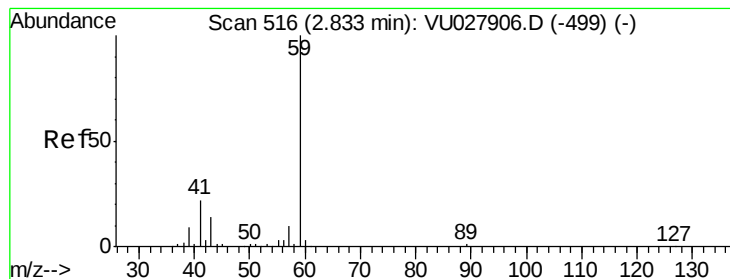
Delta R.T. 0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion:	142	Resp:	40299
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.2	52.8
141	14.8	11.8	17.8





#11

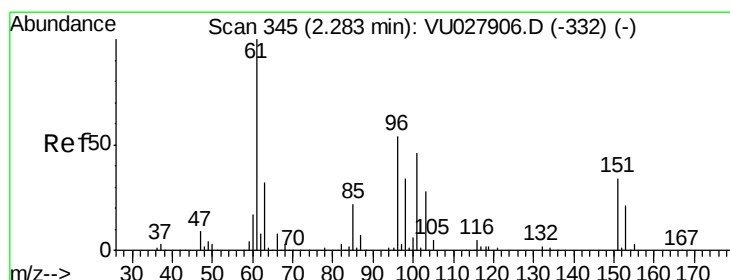
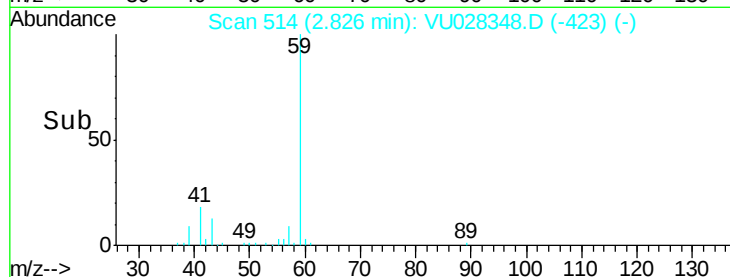
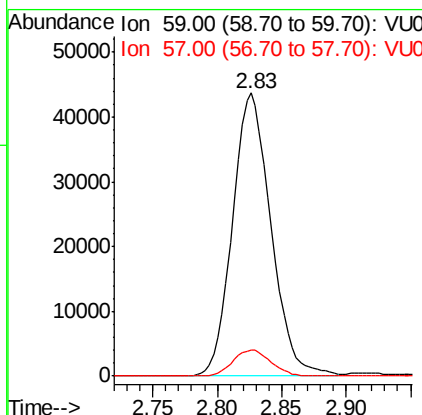
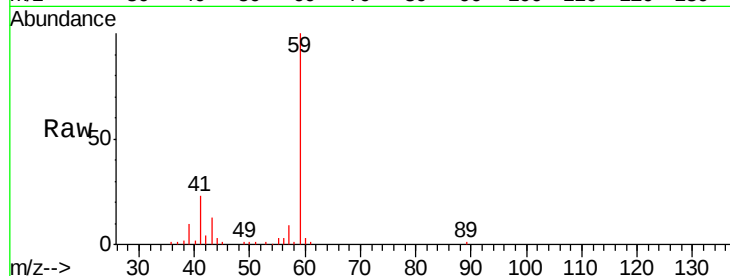
Tert butyl alcohol
Concen: 116.37 ug/l
RT: 2.83 min Scan# 514
Delta R.T. -0.01 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	90579		
57	9.1		7.8	11.8

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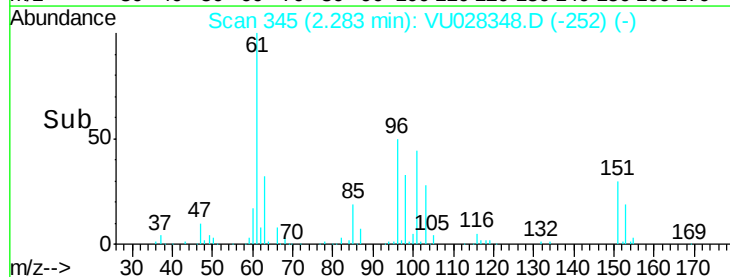
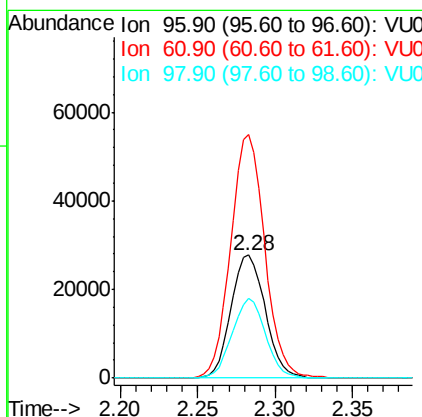
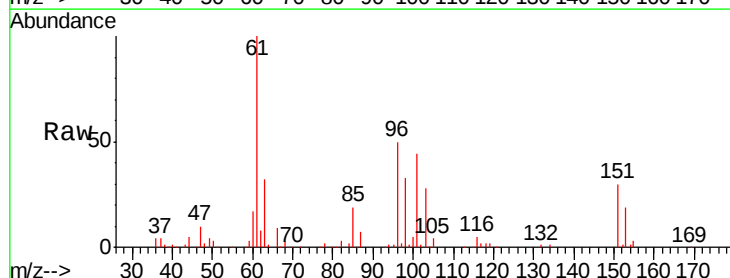
sam
11/28/2018 5:25:11 PM



#12

1,1-Dichloroethene
Concen: 20.54 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	42569		
61	198.1		149.3	223.9
98	64.6		50.6	75.8





#13

Acrolein

Concen: 57.96 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 56 Resp: 18091

Ion Ratio Lower Upper

56 100

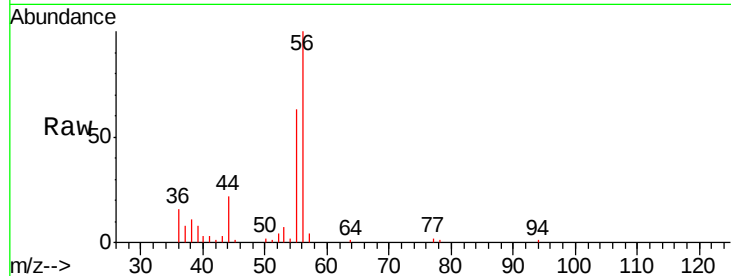
55 67.9 56.2 84.4

Manual Integrations

APPROVED

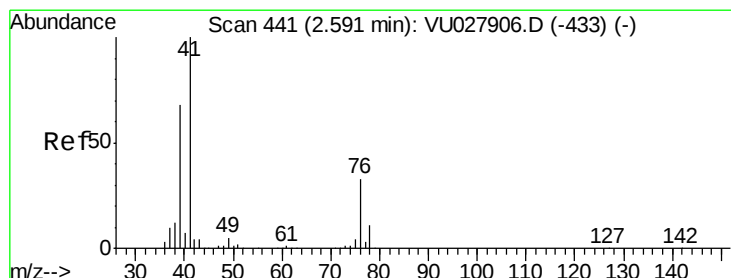
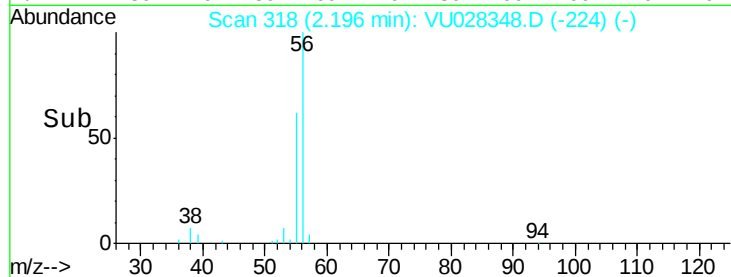
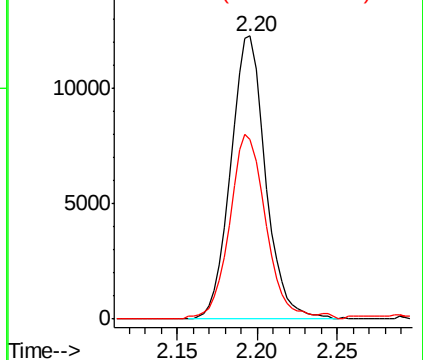
sam

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 22.42 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

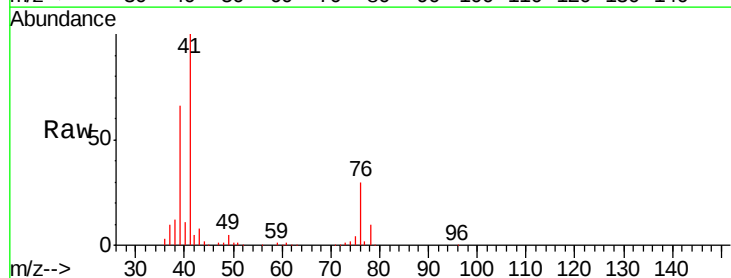
Tgt Ion: 41 Resp: 113559

Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

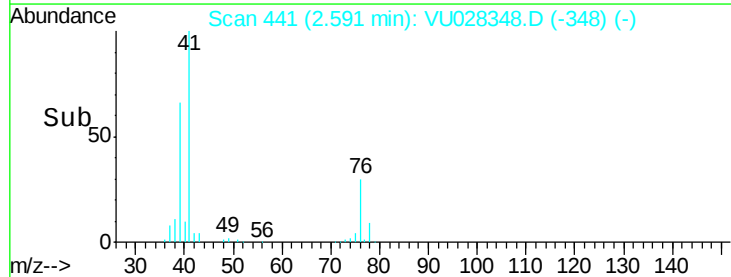
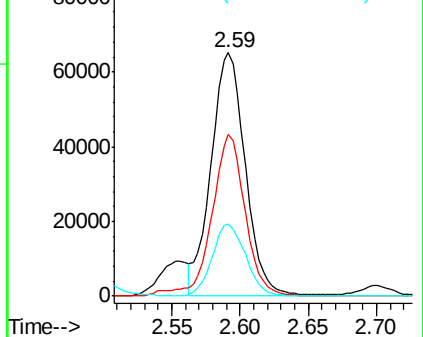
76 28.9 23.8 35.6

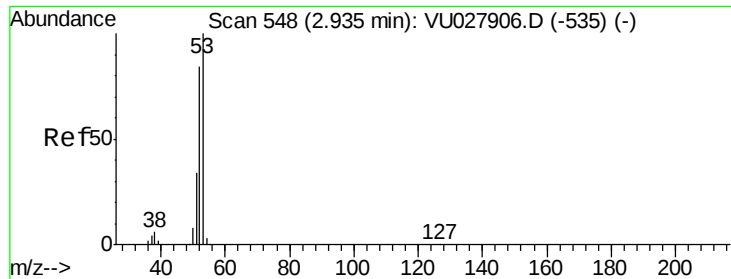


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 119.19 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

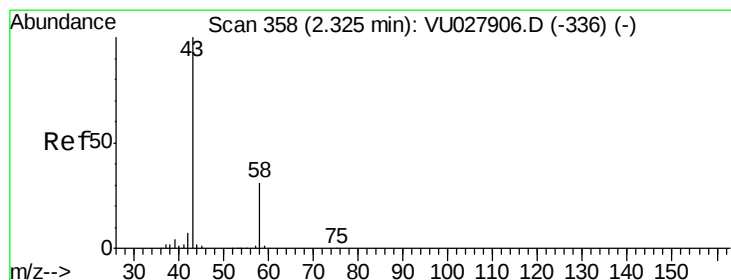
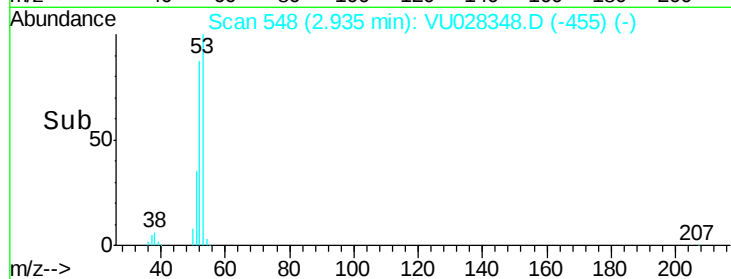
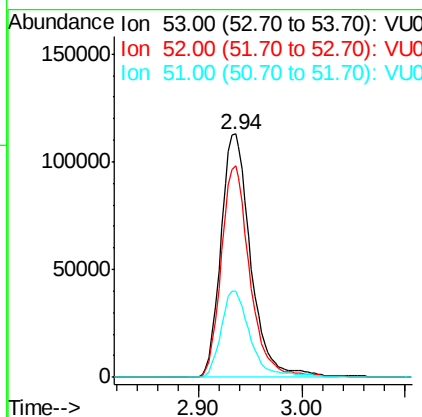
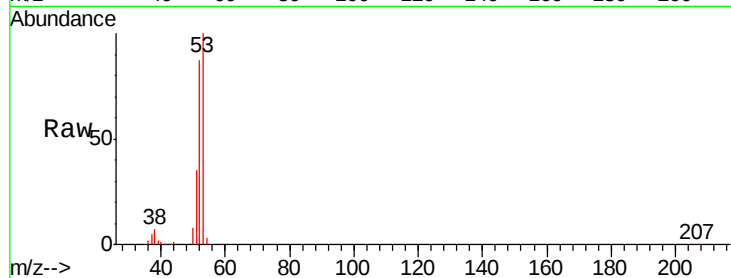
ClientSampleId :

VU1127WBS02

Tgt Ion:	53	Resp:	227905
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.2	99.2
51	35.1	27.0	40.4

Manual Integrations
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#16

Acetone

Concen: 120.26 ug/l

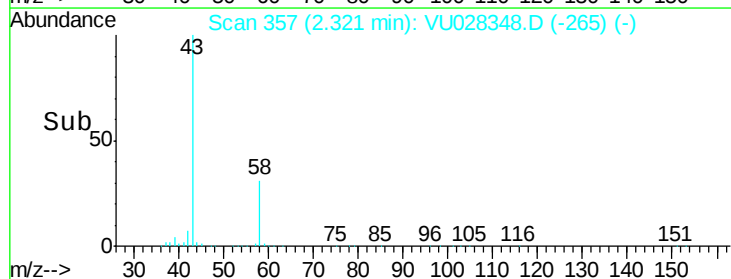
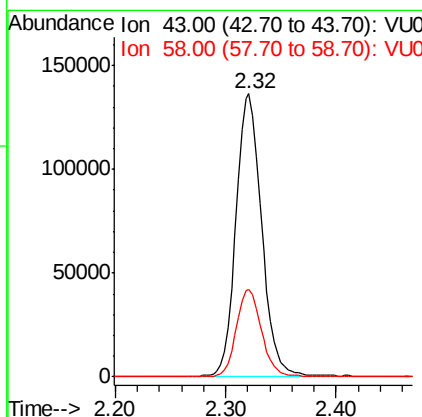
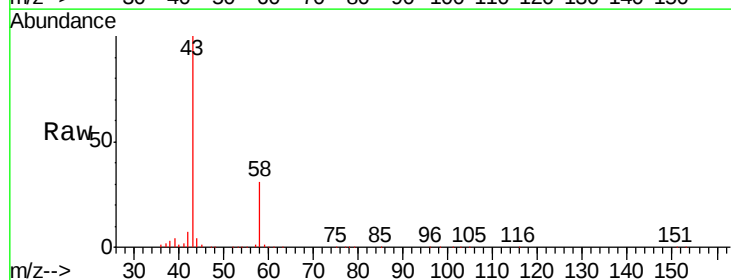
RT: 2.32 min Scan# 357

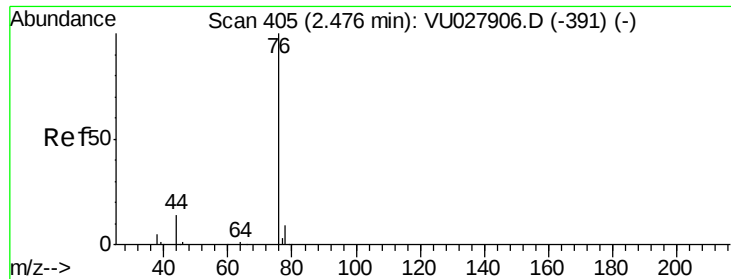
Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion:	43	Resp:	219391
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.6	37.0





#17

Carbon Disulfide

Concen: 21.06 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 76 Resp: 142707

Ion Ratio Lower Upper

76 100

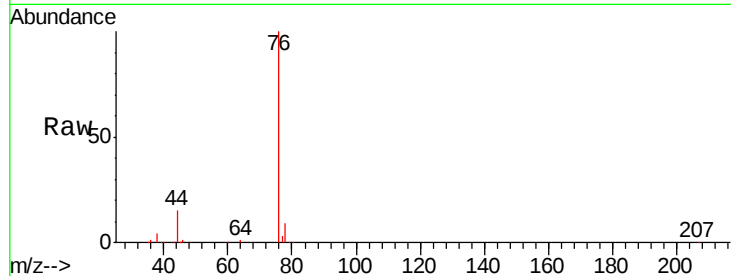
78 8.8 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

100000

80000

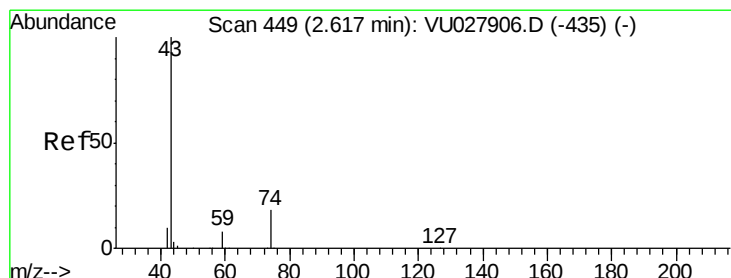
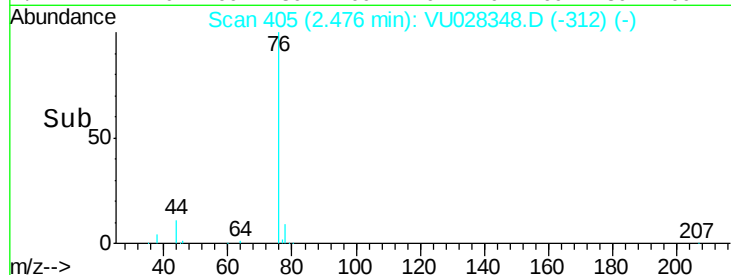
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 25.47 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028348.D

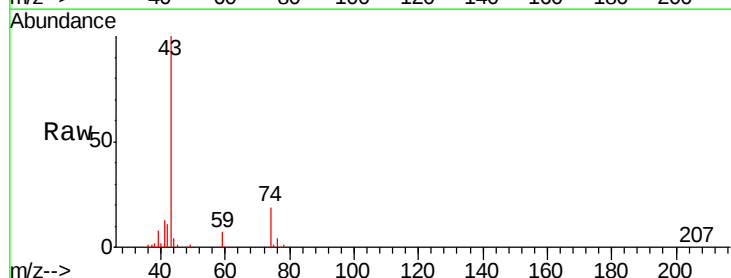
Acq: 27 Nov 2018 20:13

Tgt Ion: 43 Resp: 127830

Ion Ratio Lower Upper

43 100

74 19.2 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.61

80000

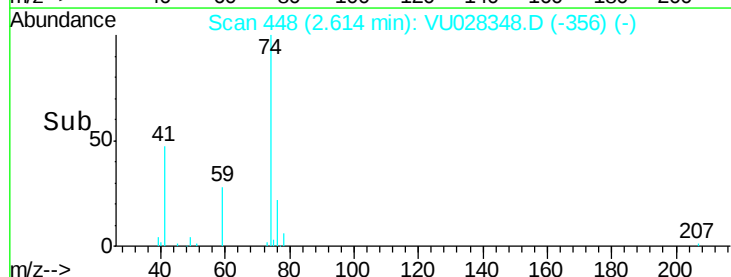
60000

40000

20000

0

Time-->





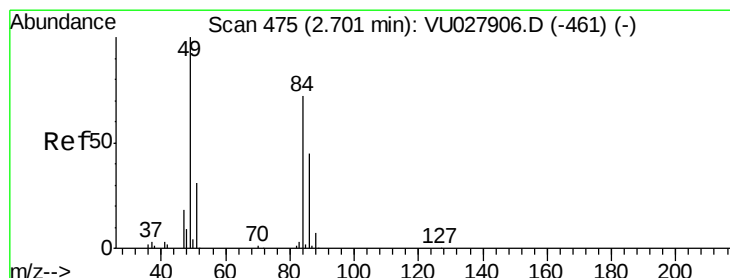
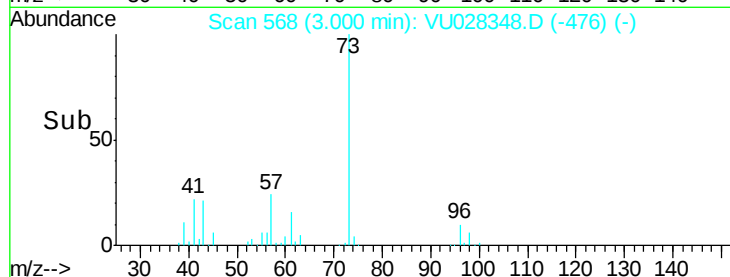
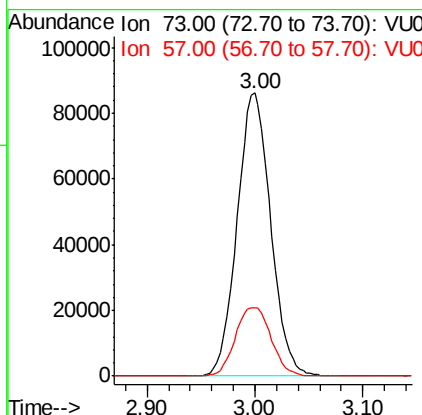
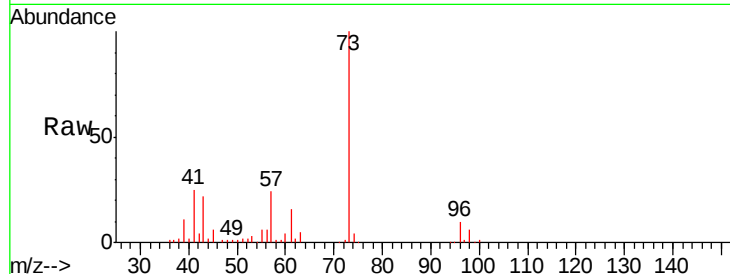
#19
Methyl tert-butyl Ether
Concen: 22.31 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion: 73 Resp: 186481
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9

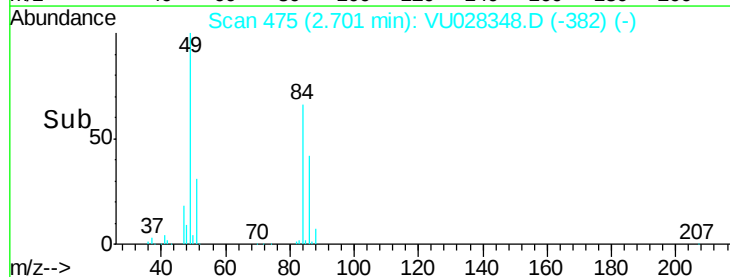
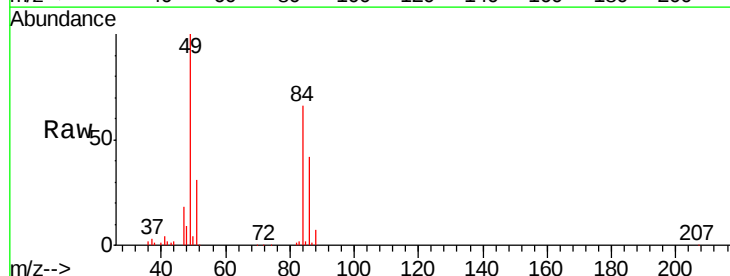
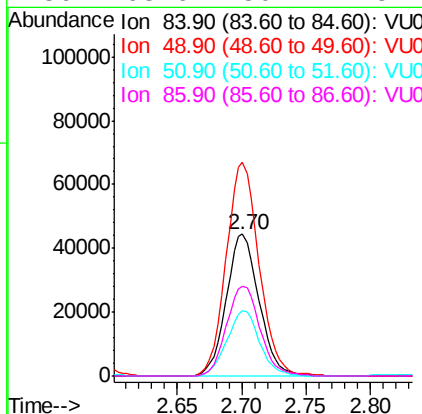
Manual Integrations
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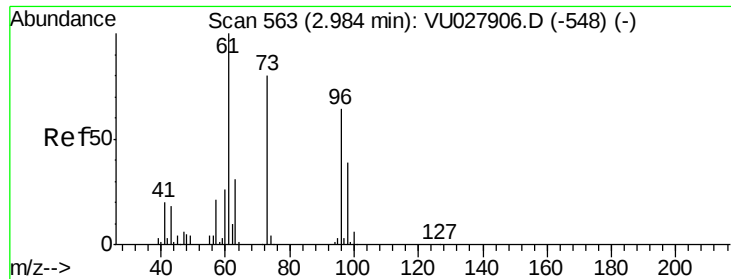
sam
11/28/2018 5:25:11 PM



#20
Methylene Chloride
Concen: 29.37 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion: 84 Resp: 78236
Ion Ratio Lower Upper
84 100
49 150.8 111.6 167.4
51 46.1 34.8 52.2
86 63.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 20.69 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 96 Resp: 49492

Ion Ratio Lower Upper

96 100

61 168.9 125.0 187.6

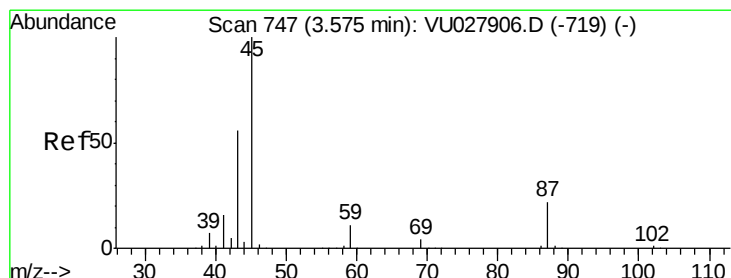
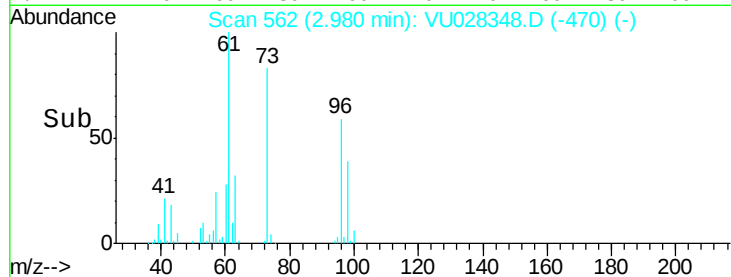
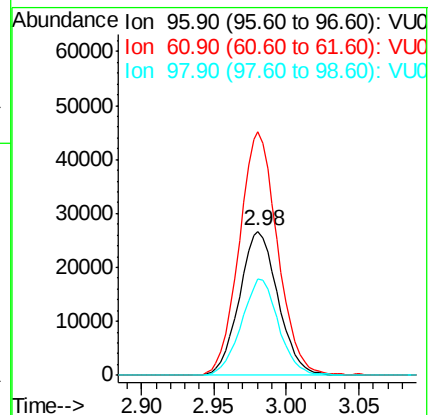
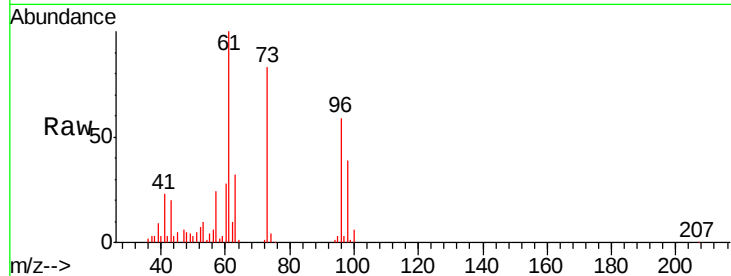
98 66.5 48.2 72.4

Manual Integrations

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sam

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#22

Diisopropyl ether

Concen: 22.90 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion: 45 Resp: 239463

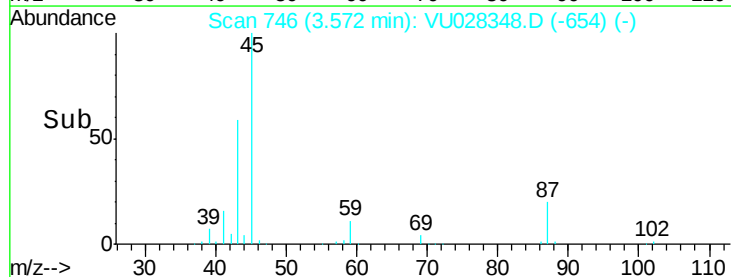
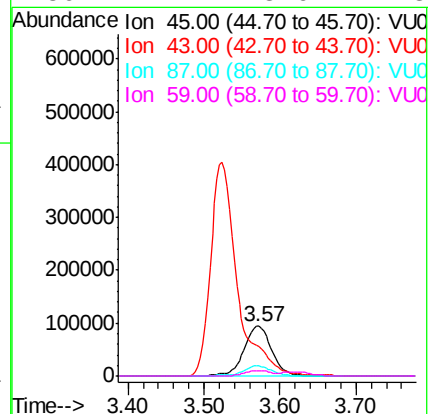
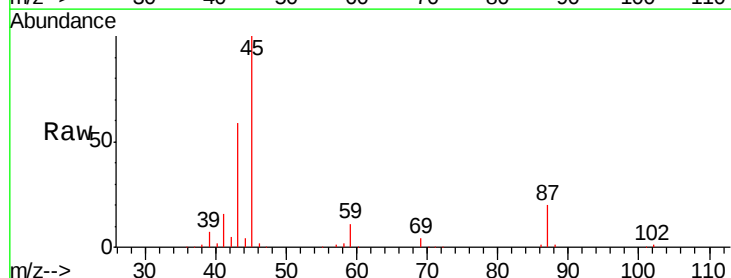
Ion Ratio Lower Upper

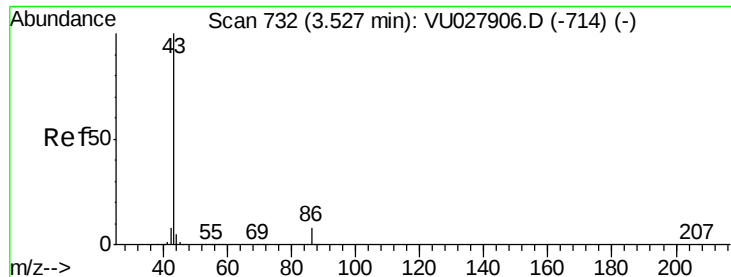
45 100

43 58.1 45.0 67.6

87 20.4 17.9 26.9

59 11.1 8.6 12.8





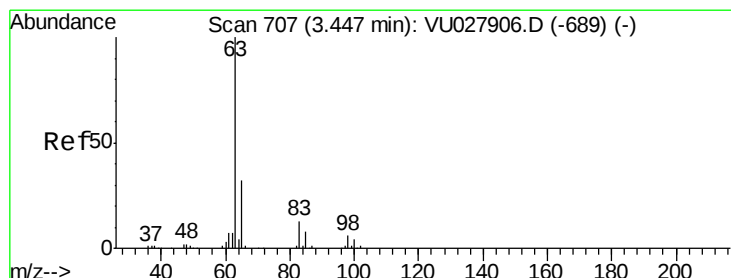
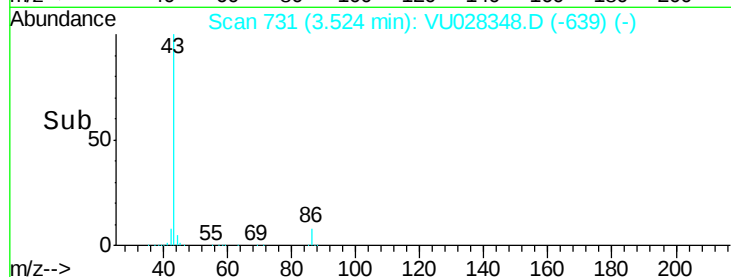
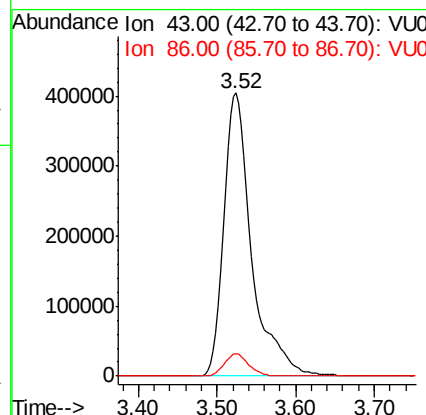
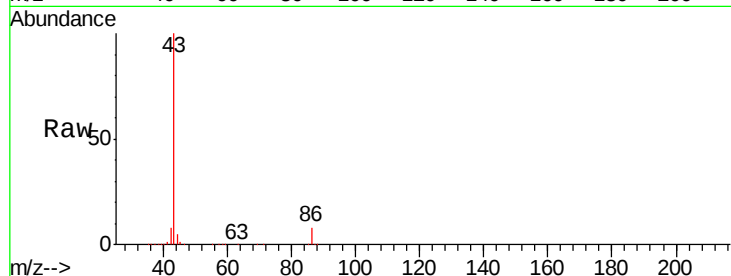
#23
 Vinyl Acetate
 Concen: 110.03 ug/l
 RT: 3.52 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.6	9.8

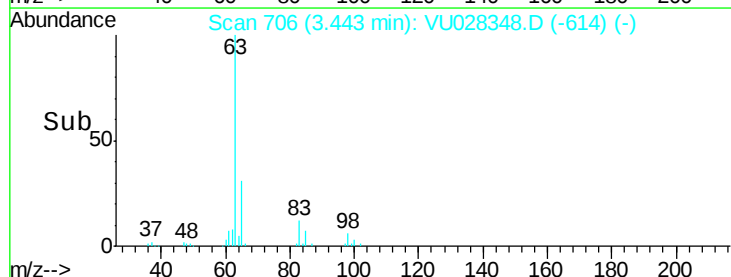
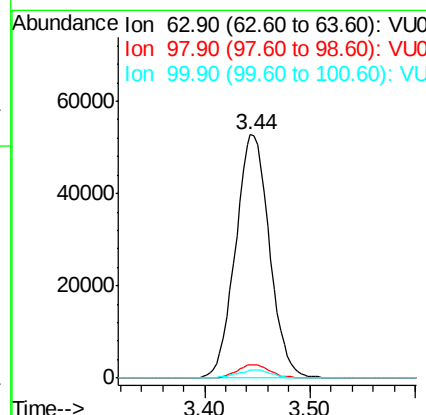
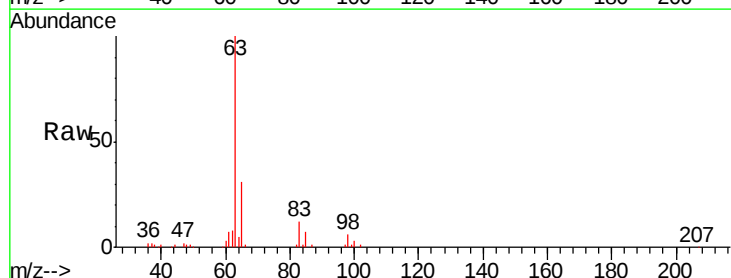
Manual Integrations
 APPROVED

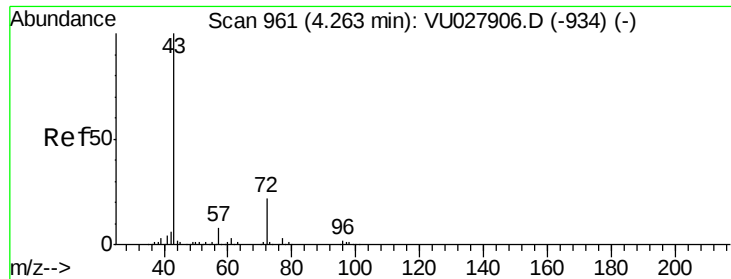
sam
 11/28/2018 5:25:11 PM



#24
 1,1-Dichloroethane
 Concen: 22.59 ug/l
 RT: 3.44 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.9	8.6
100	3.5	2.0	6.0





#25

2-Butanone

Concen: 118.18 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 43 Resp: 342982

Ion Ratio Lower Upper

43 100

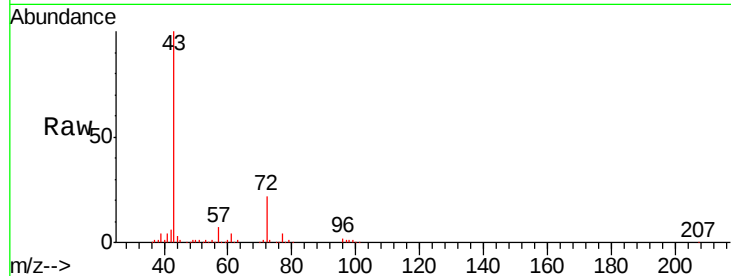
72 22.1 17.7 26.5

Manual Integrations

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sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

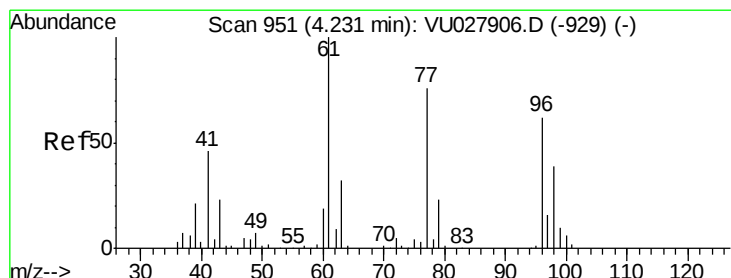
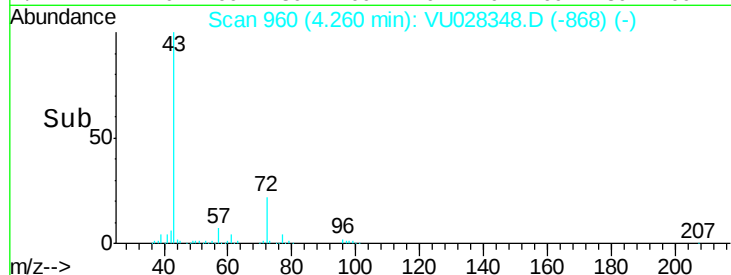
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 22.61 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU028348.D

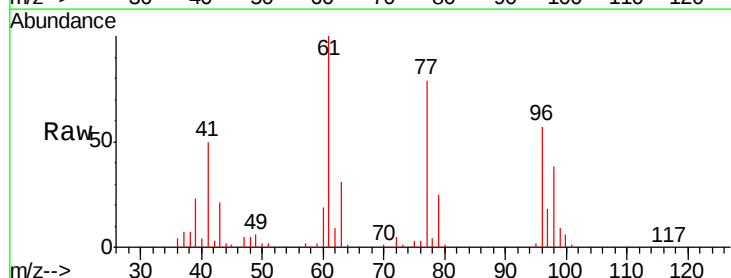
Acq: 27 Nov 2018 20:13

Tgt Ion: 77 Resp: 88387

Ion Ratio Lower Upper

77 100

97 21.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

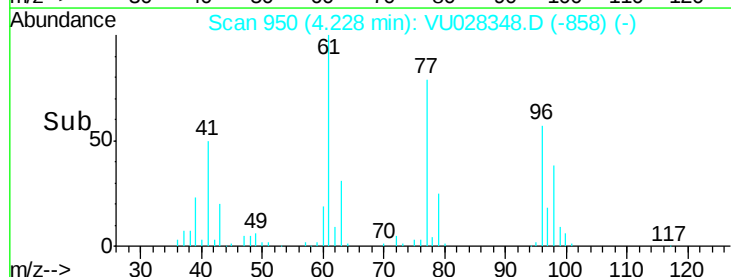
30000

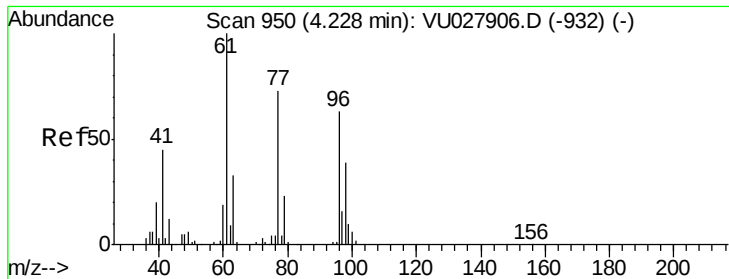
20000

10000

0

Time-->





#27

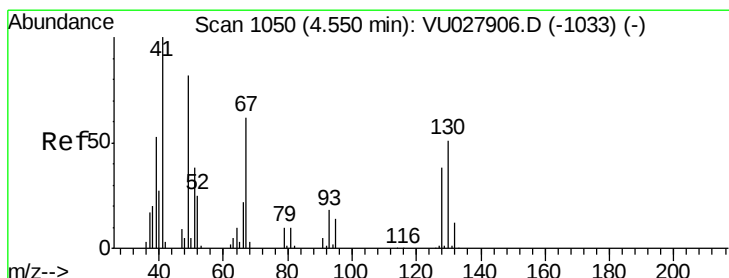
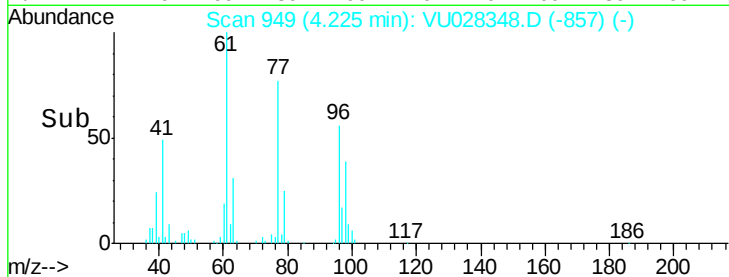
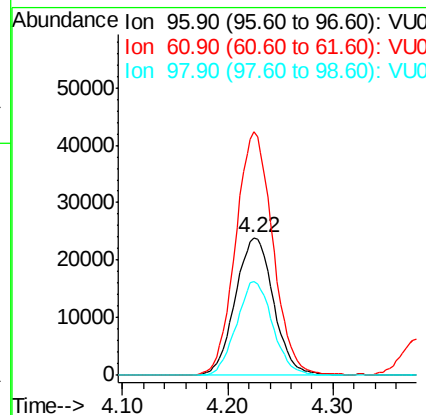
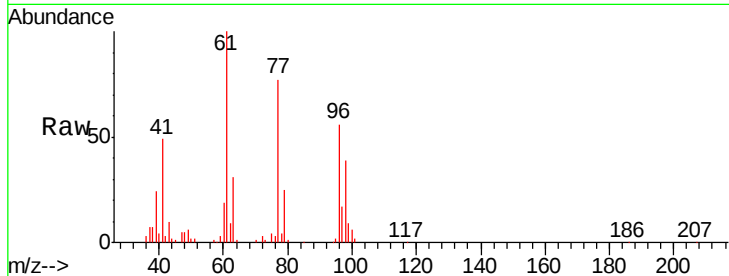
cis-1,2-Dichloroethene
Concen: 22.50 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.3	0.0	329.6
98	64.2	0.0	127.2

Manual Integrations
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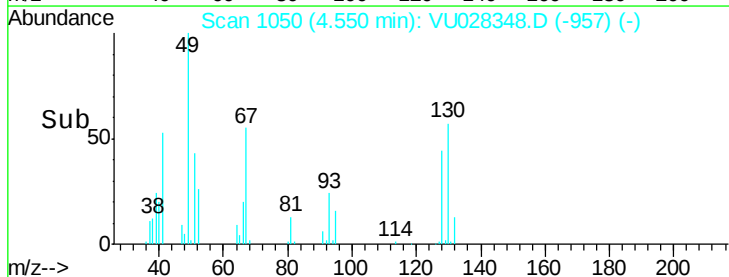
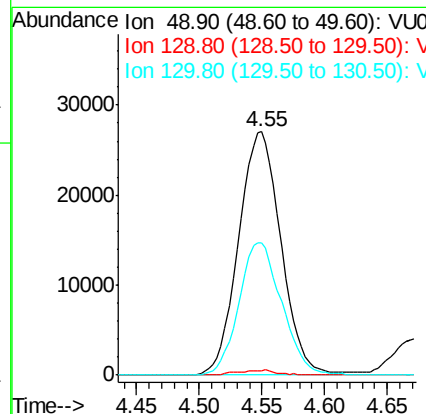
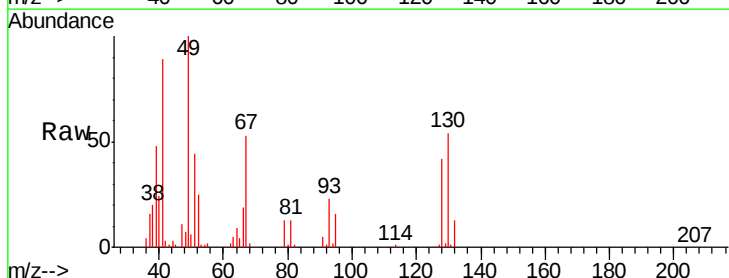
sam
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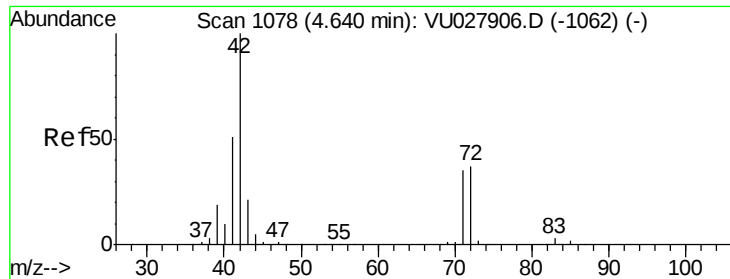


#28

Bromochloromethane
Concen: 25.99 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.0
130	55.0	47.8	71.6





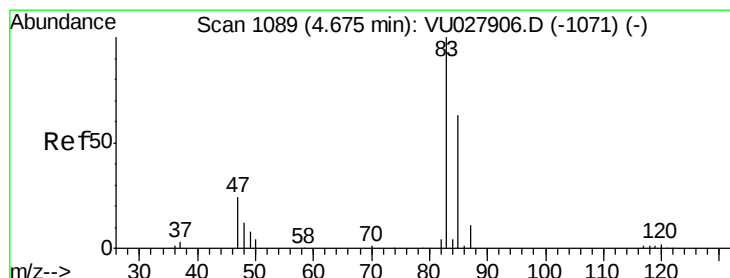
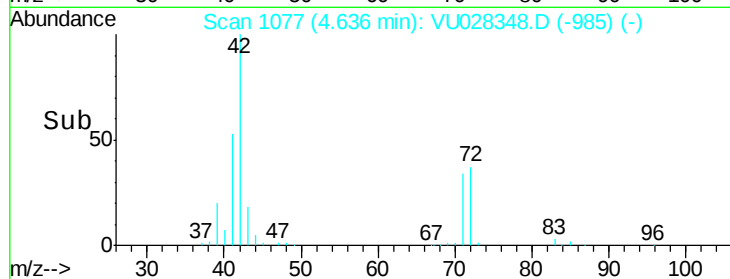
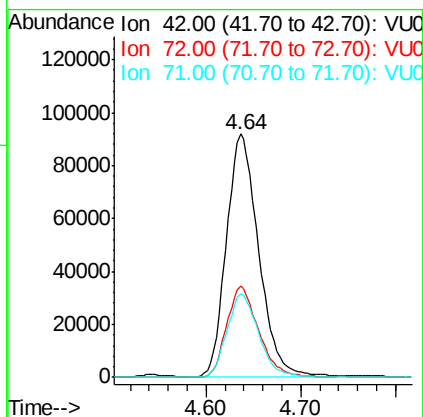
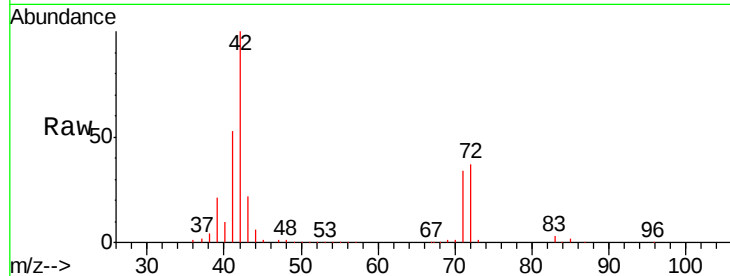
#29
Tetrahydrofuran
Concen: 112.13 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.2	29.4	44.0
71	34.0	27.9	41.9

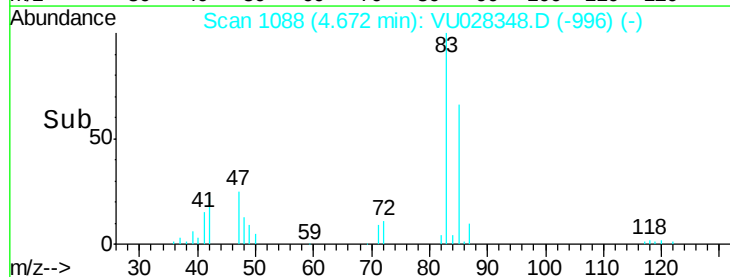
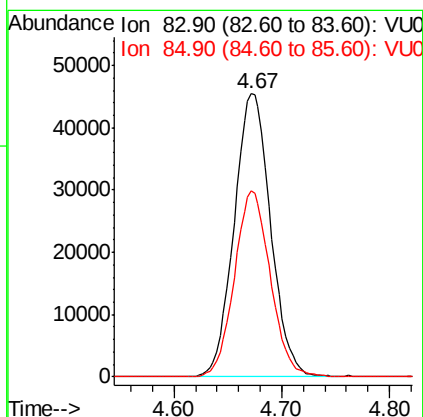
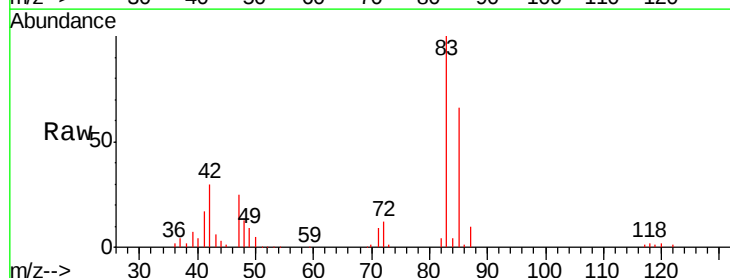
Manual Integrations
APPROVED

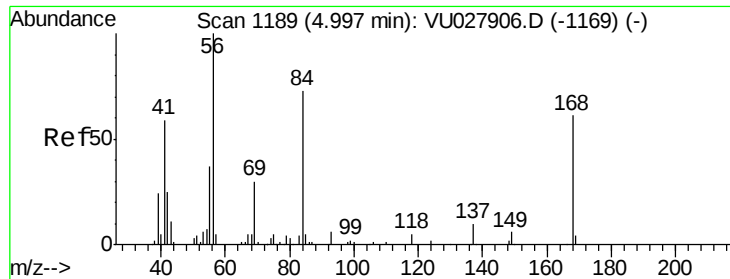
sam
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#30
Chloroform
Concen: 22.43 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	76.0





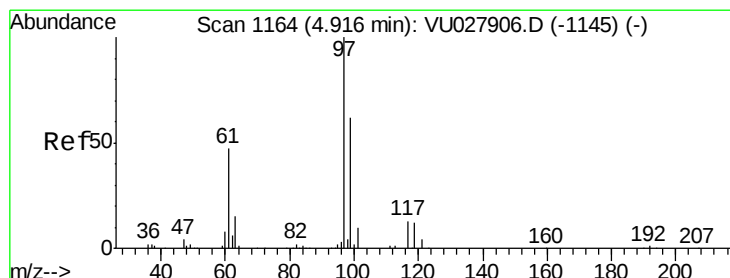
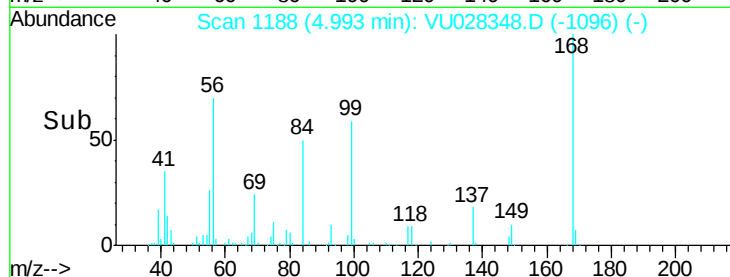
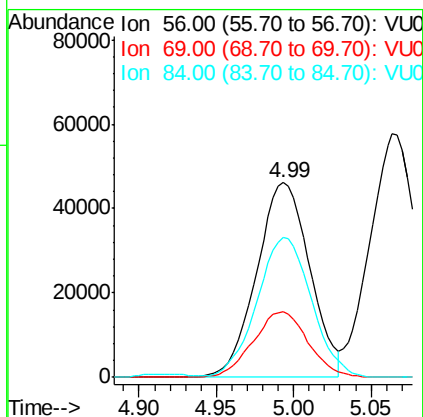
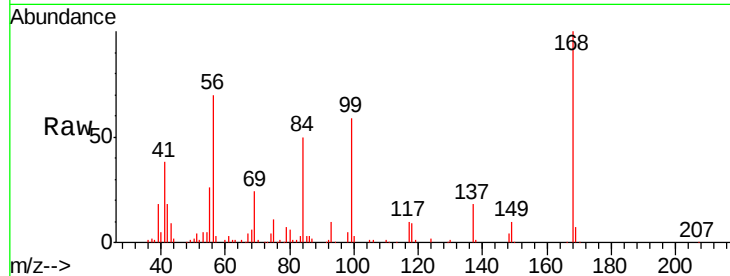
#31
Cyclohexane
Concen: 20.60 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.6	23.7	35.5
84	70.6	58.2	87.4

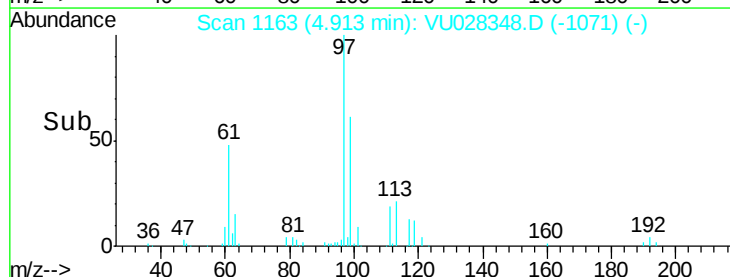
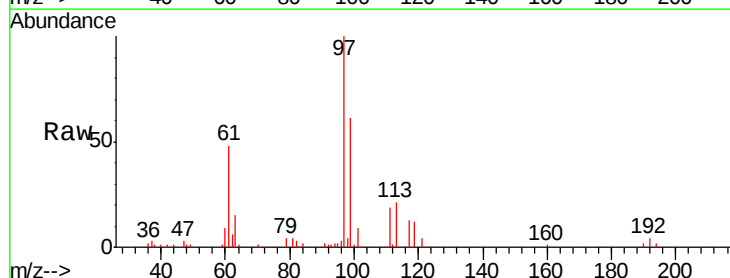
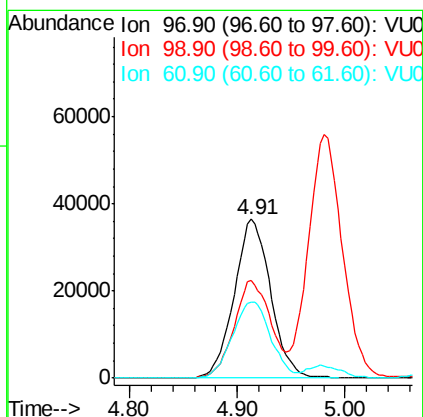
Manual Integrations
APPROVED

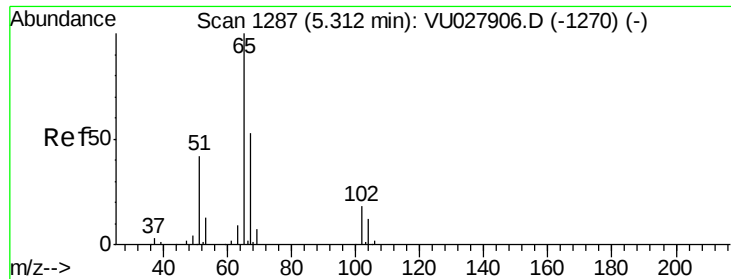
sam
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#32
1,1,1-Trichloroethane
Concen: 22.57 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	50.5	75.7
61	50.6	38.3	57.5





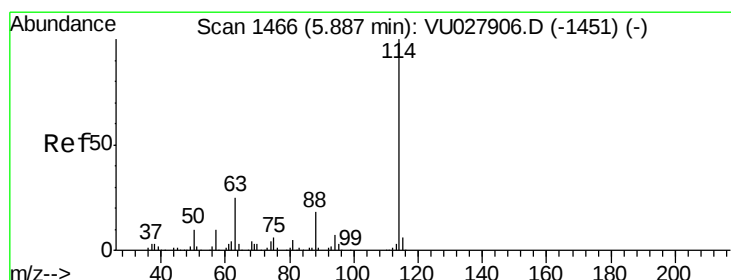
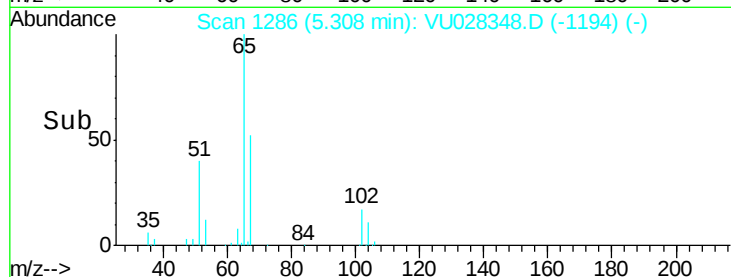
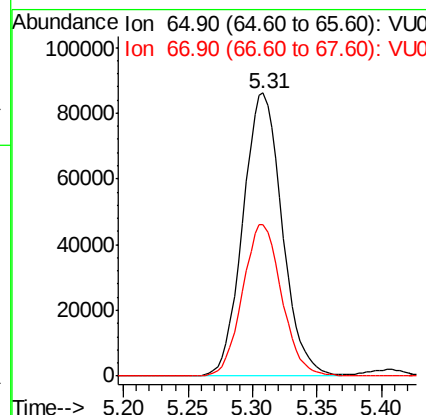
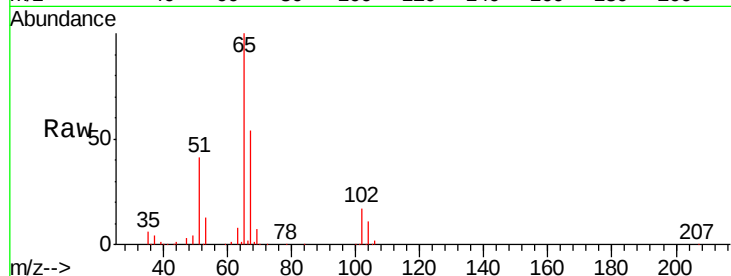
#33
 1,2-Dichloroethane-d4
 Concen: 62.14 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion: 65 Resp: 182724
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.0

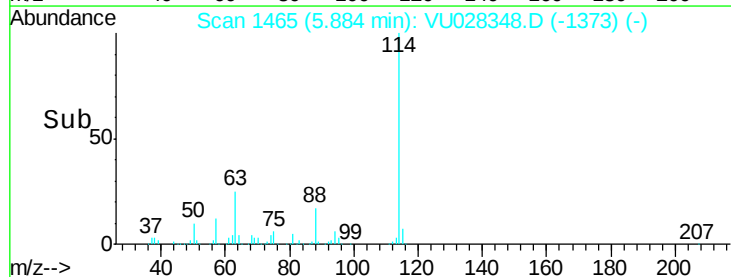
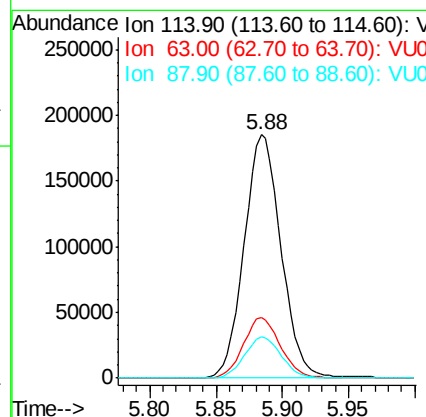
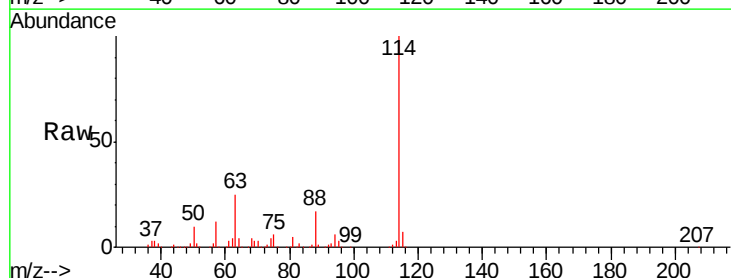
Manual Integrations
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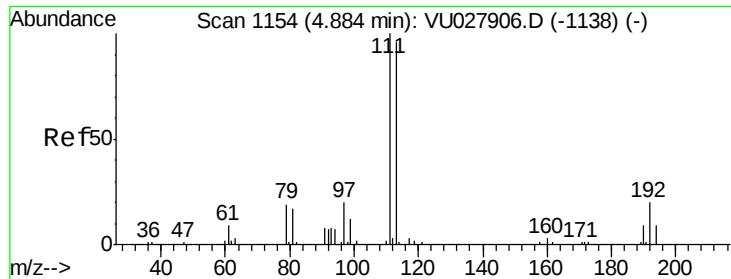
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion: 114 Resp: 357538
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.8
 88 16.8 0.0 35.8





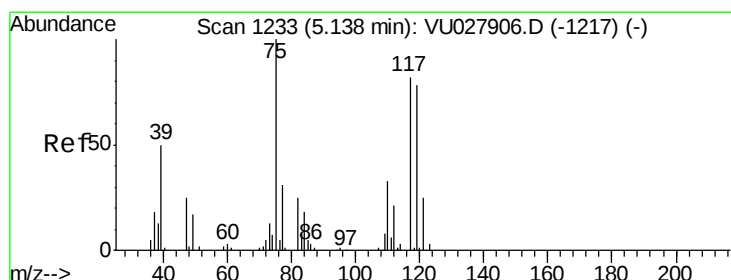
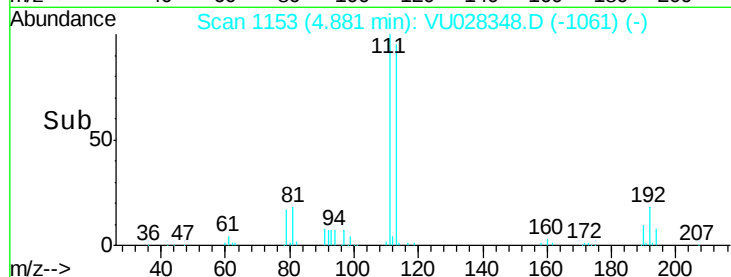
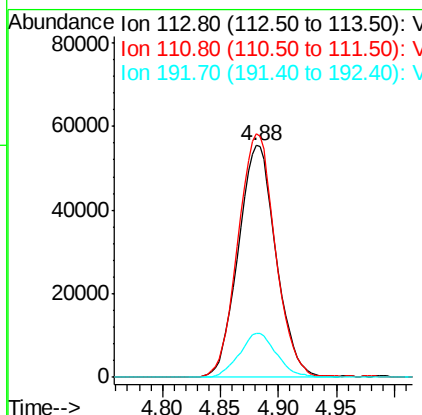
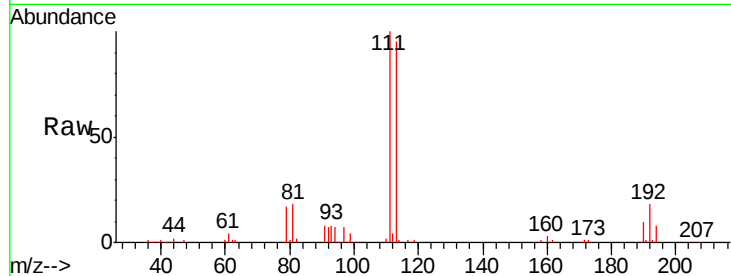
#35
 Dibromofluoromethane
 Concen: 55.65 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	125452		
111	103.8	83.0	124.6	
192	18.7	15.6	23.4	

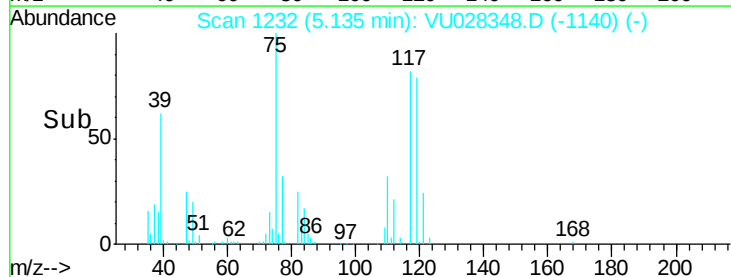
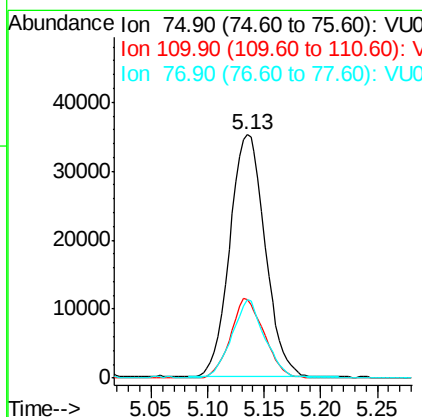
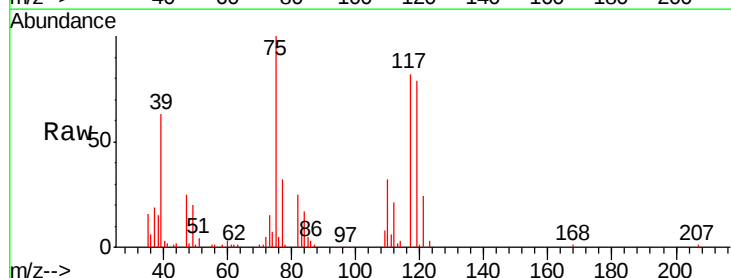
Manual Integrations
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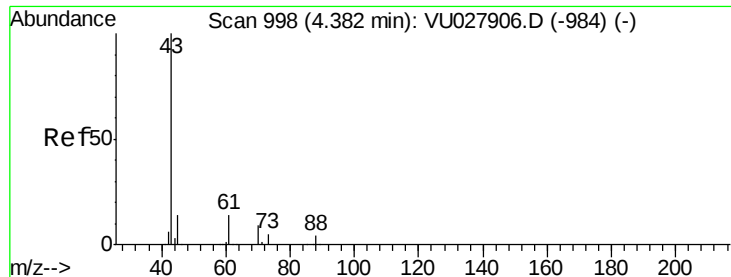
sam
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#36
 1,1-Dichloropropene
 Concen: 20.43 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76518		
110	31.3	16.5	49.5	
77	30.2	24.9	37.3	





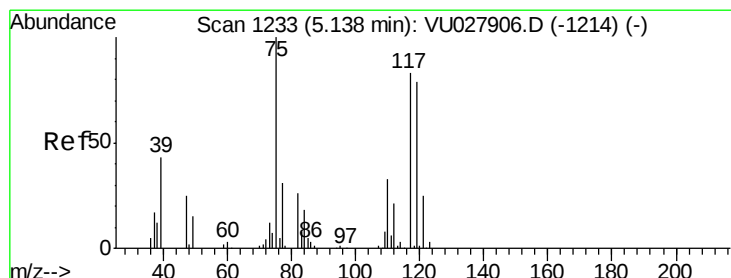
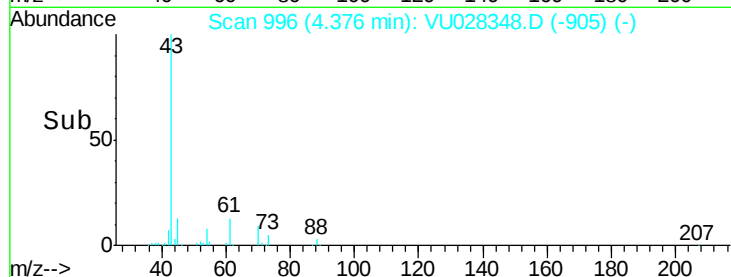
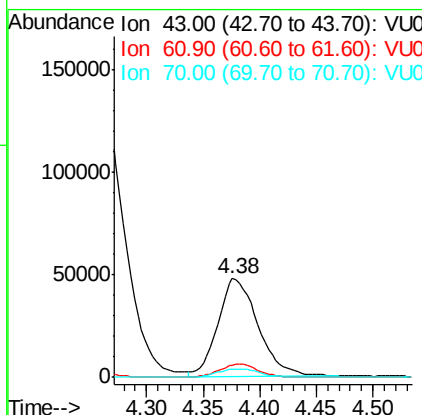
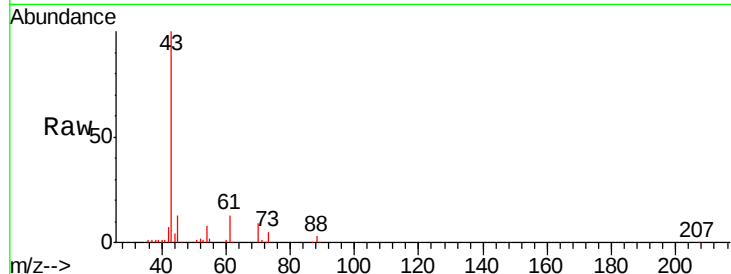
#37
Ethyl Acetate
Concen: 21.43 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.01 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.3	15.5
70	9.1	7.0	10.6

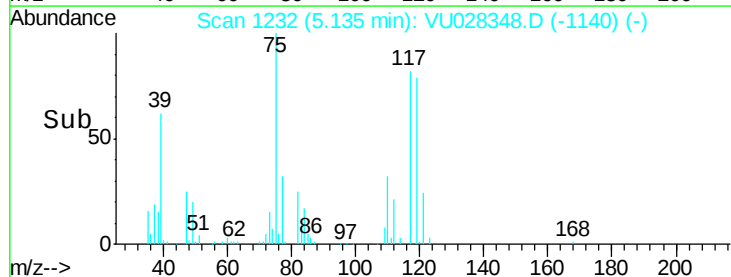
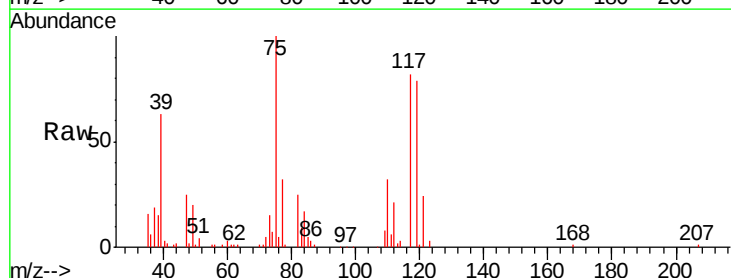
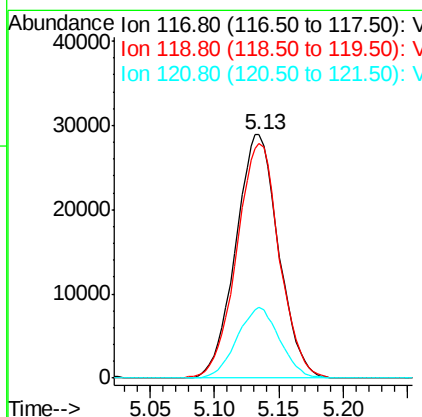
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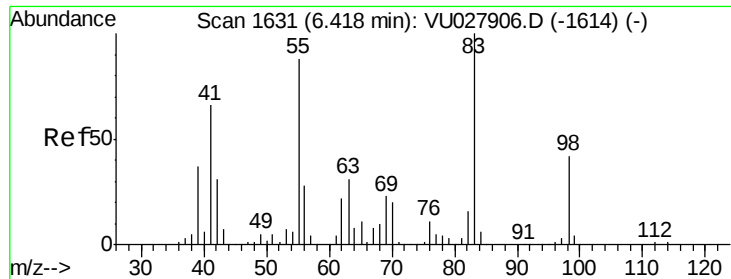
sam
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#38
Carbon Tetrachloride
Concen: 20.12 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.0	114.0
121	29.2	24.5	36.7





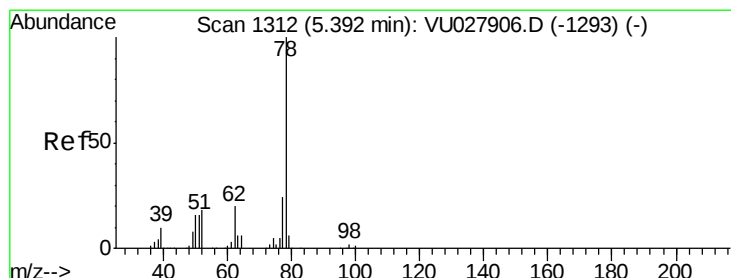
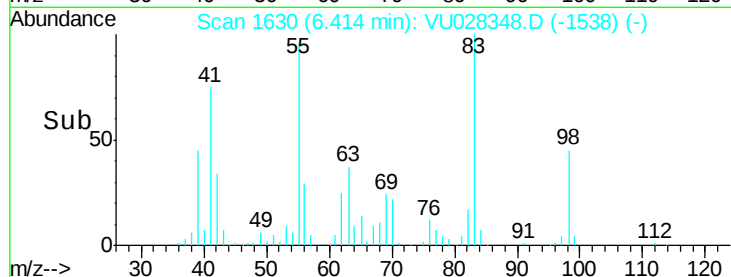
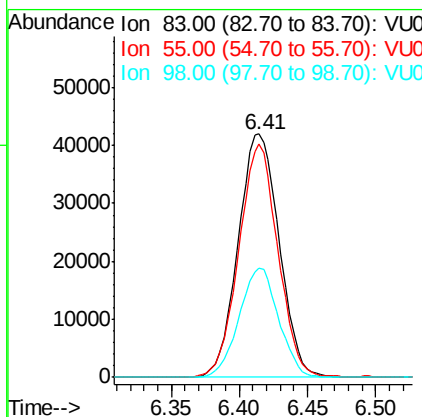
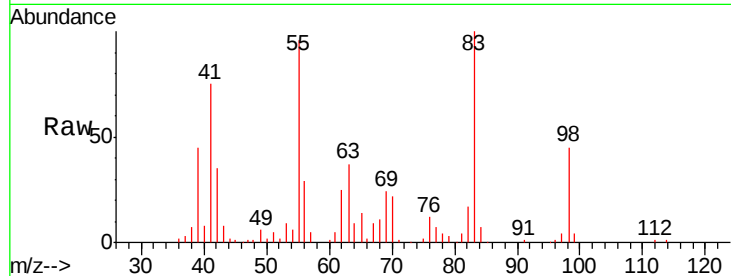
#39
Methylcyclohexane
Concen: 19.39 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	95.8	70.3	105.5
98	45.1	34.0	51.0

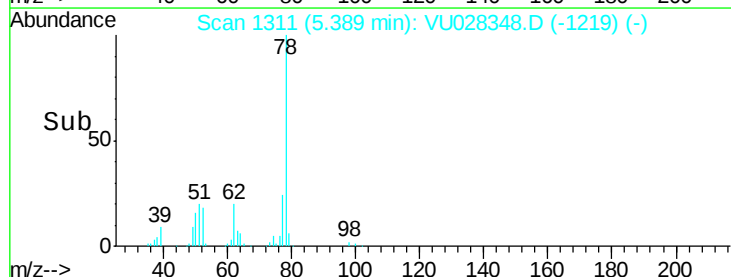
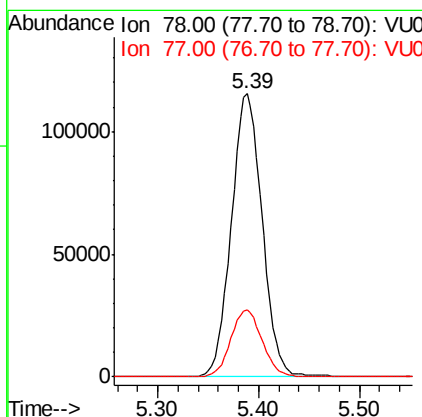
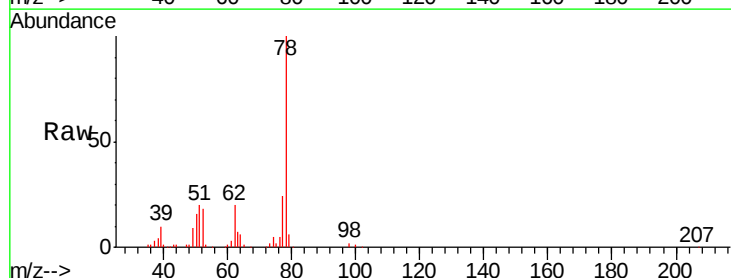
Manual Integrations
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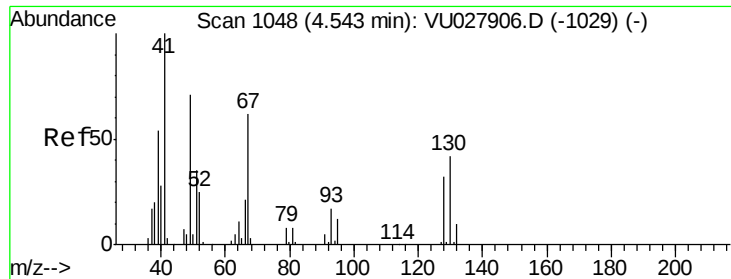
sam
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#40
Benzene
Concen: 21.40 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





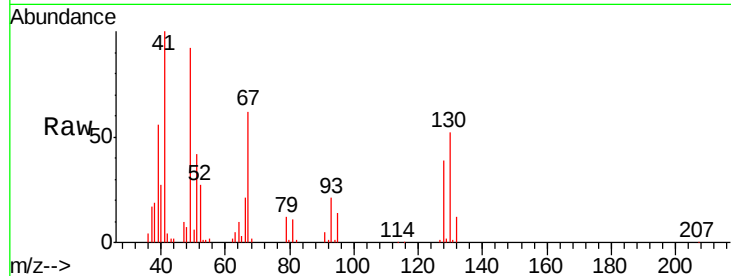
#41
Methacrylonitrile
Concen: 22.82 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

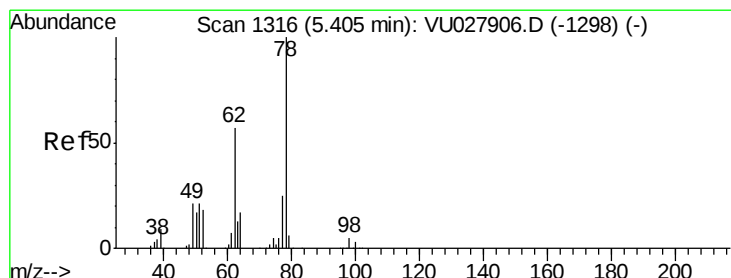
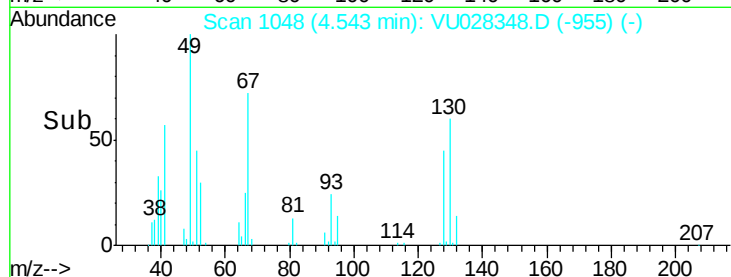
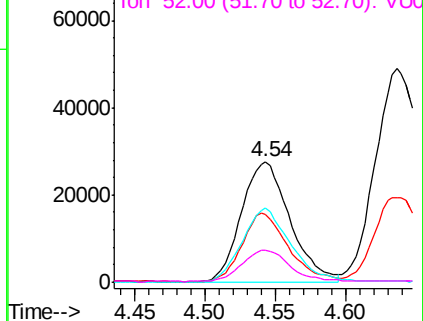
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.2	63.4
67	61.4	49.5	74.3
52	25.6	20.5	30.7

Manual Integrations
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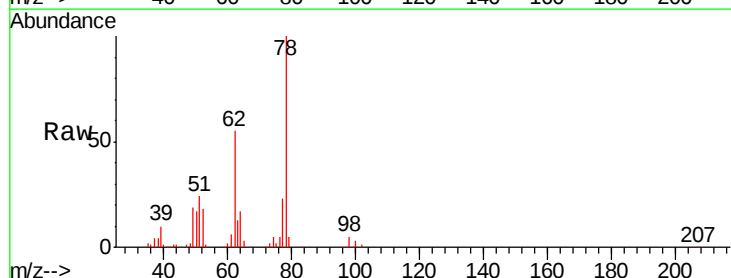


Abundance Ion 41.00 (40.70 to 41.70): VU028348.D (-955) (-)

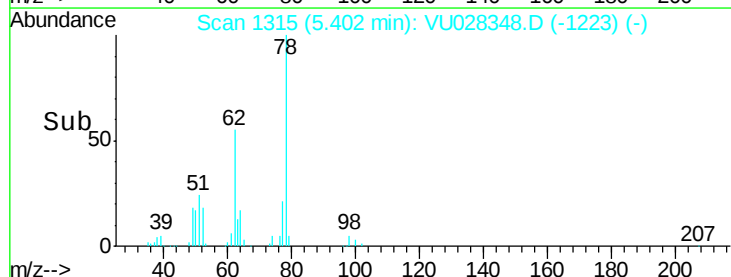
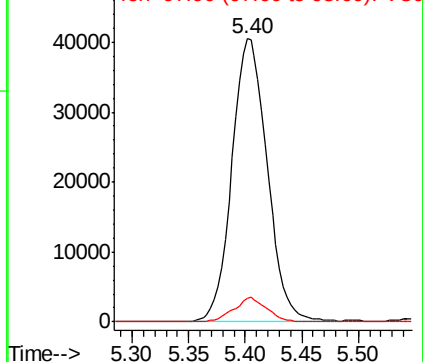


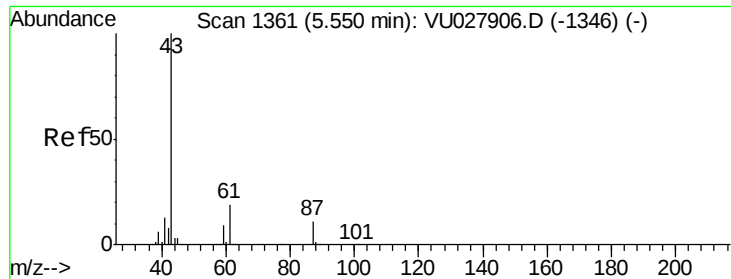
#42
1,2-Dichloroethane
Concen: 21.65 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VU028348.D (-1223) (-)





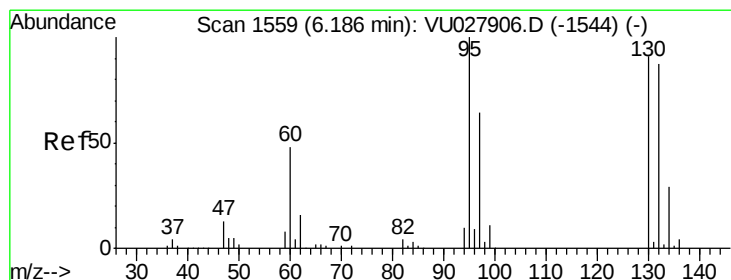
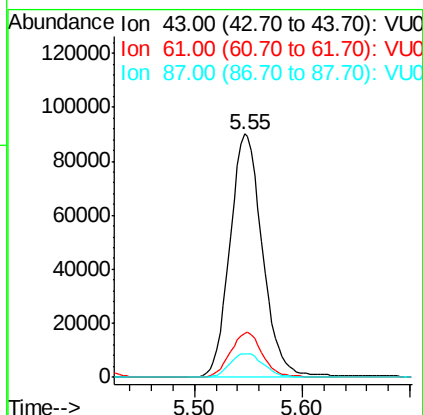
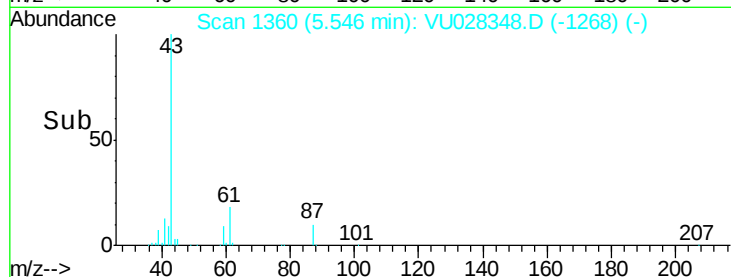
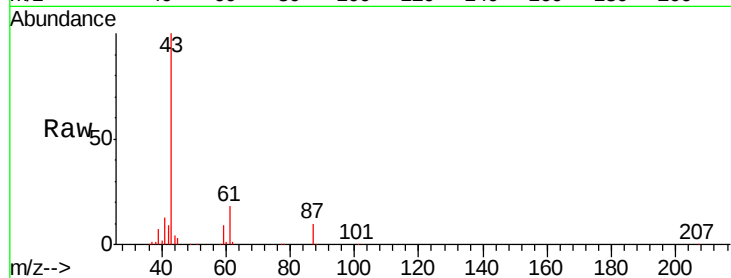
#43
Isopropyl Acetate
Concen: 21.91 ug/l
RT: 5.55 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.0	22.4
87	10.2	8.6	12.8

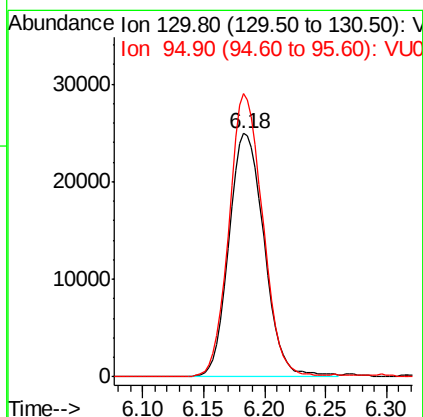
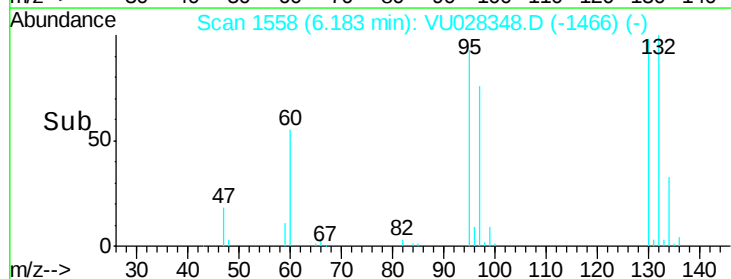
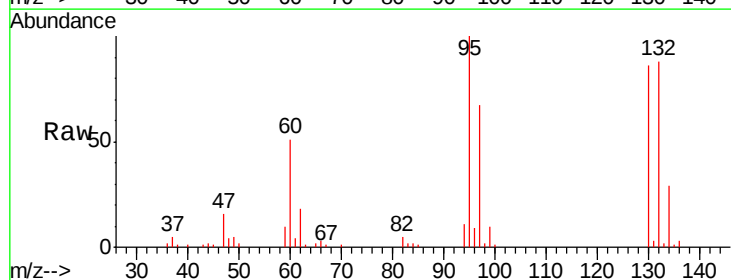
Manual Integrations
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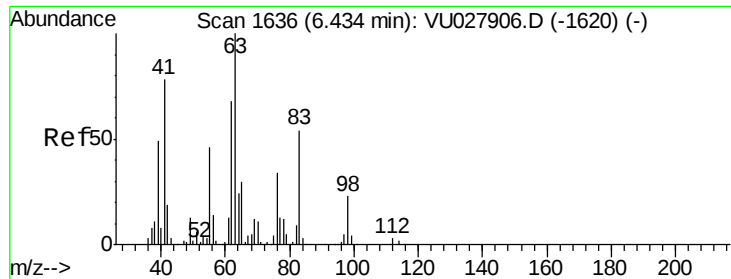
sam
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#44
Trichloroethene
Concen: 20.42 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.3	0.0	219.2





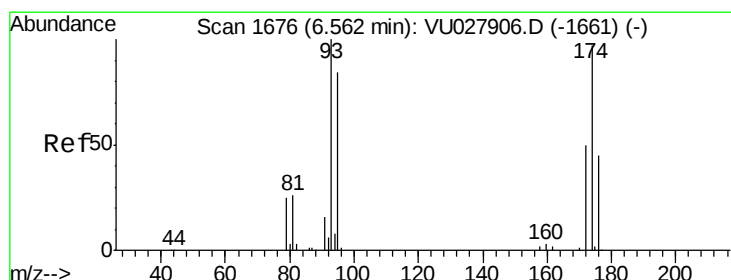
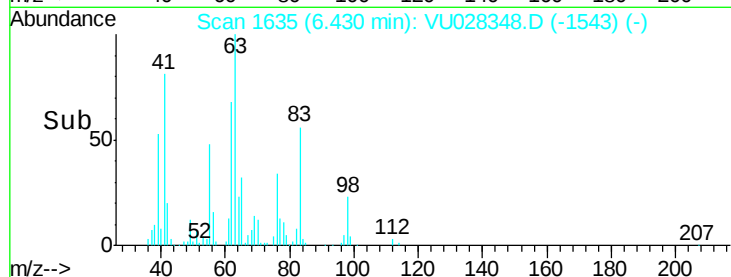
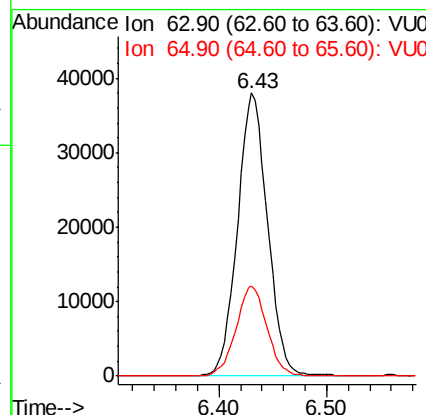
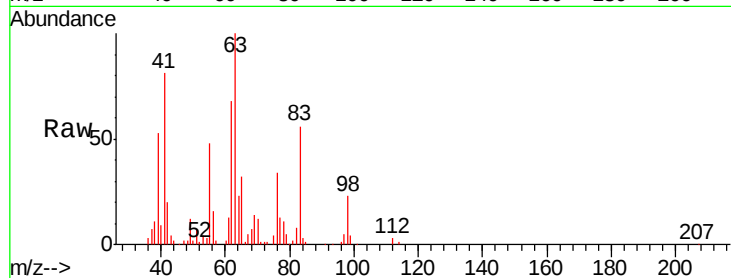
#45
 1,2-Dichloropropane
 Concen: 22.35 ug/l
 RT: 6.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion: 63 Resp: 73809
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6

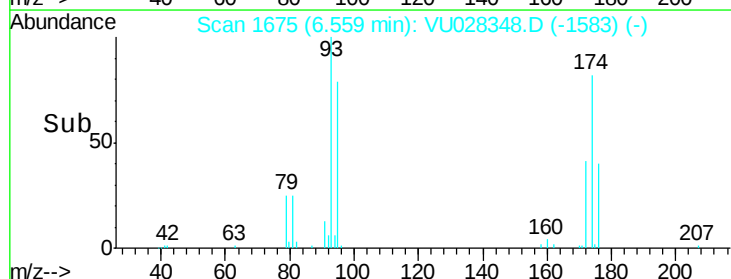
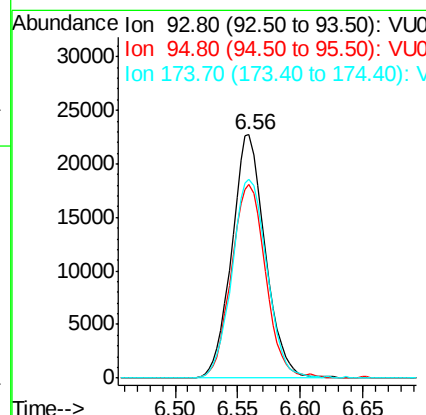
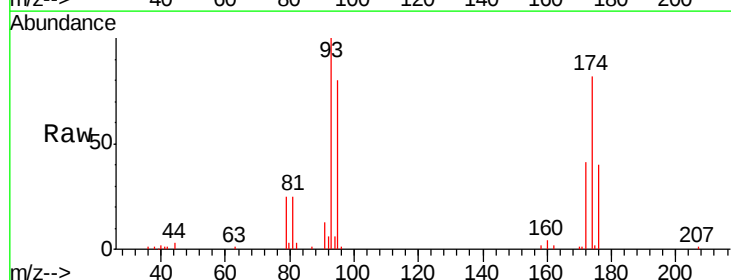
Manual Integrations
 APPROVED

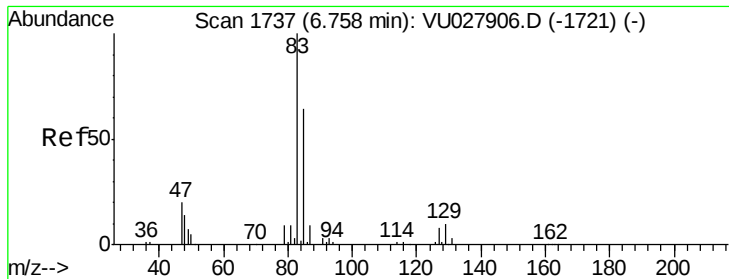
sam
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#46
 Dibromomethane
 Concen: 22.19 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion: 93 Resp: 42123
 Ion Ratio Lower Upper
 93 100
 95 81.6 68.5 102.7
 174 85.2 76.1 114.1





#47

Bromodichloromethane

Concen: 22.21 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

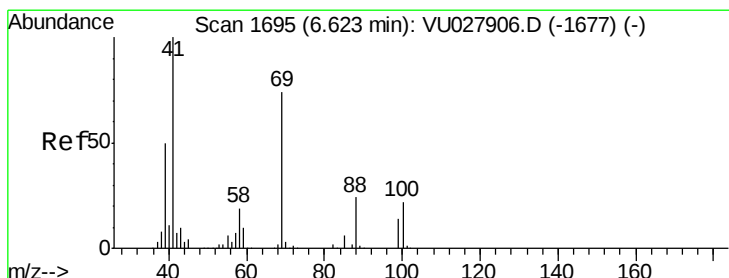
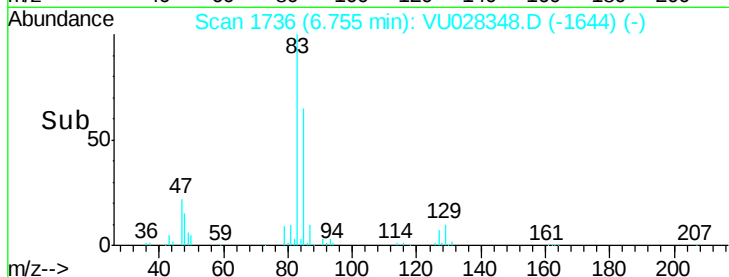
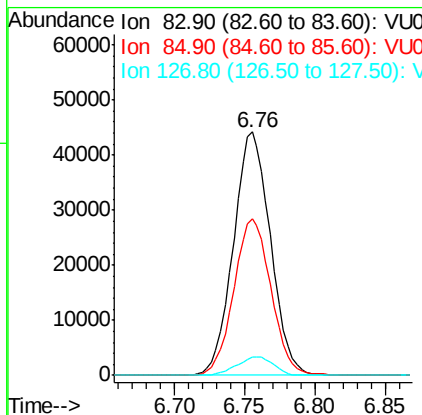
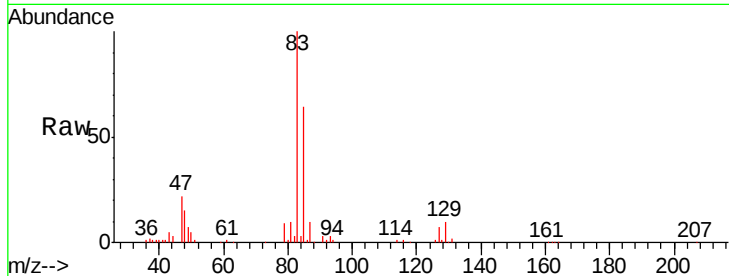
ClientSampleId :

VU1127WBS02

Tgt Ion:	83	Resp:	81245
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.6
127	7.3	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.49 ug/l

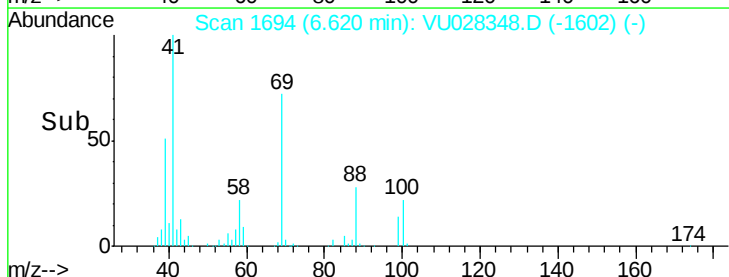
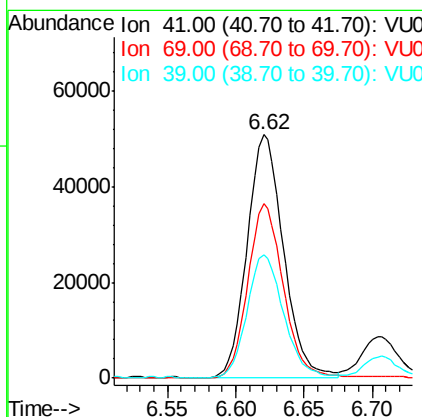
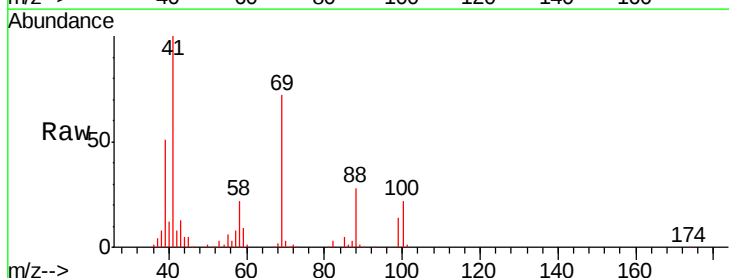
RT: 6.62 min Scan# 1694

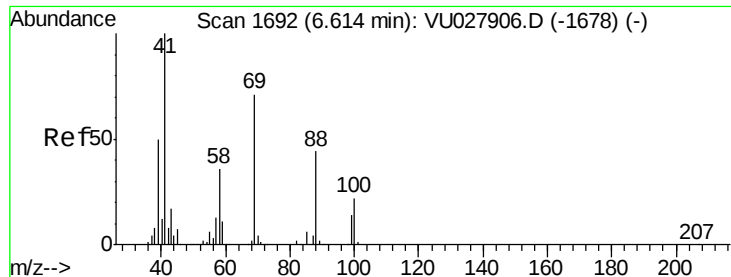
Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion:	41	Resp:	94732
Ion	Ratio	Lower	Upper
41	100		
69	69.5	59.8	89.8
39	51.1	40.0	60.0





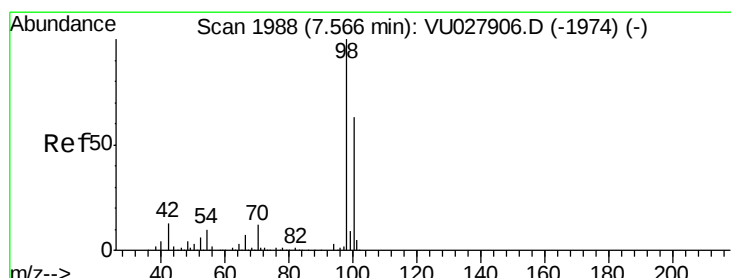
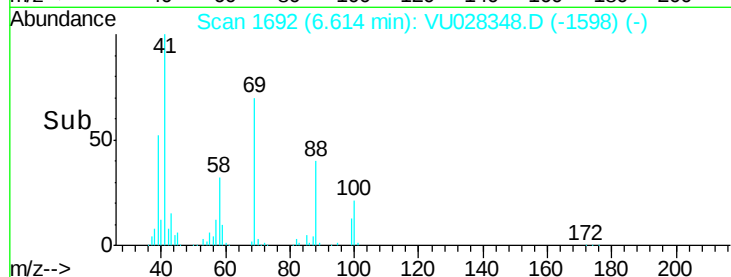
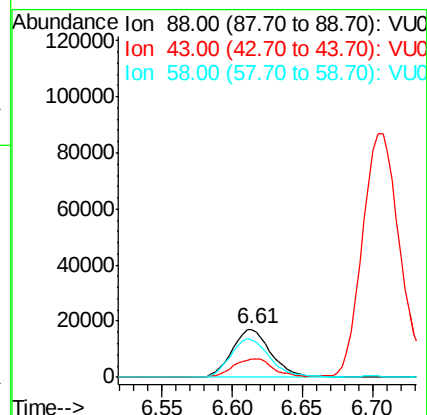
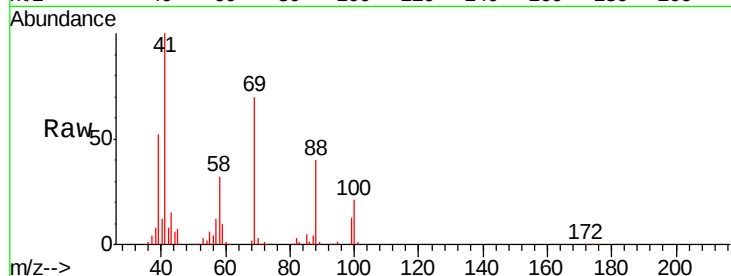
#49
1,4-Dioxane
Concen: 488.38 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.9	30.5	45.7
58	80.5	67.1	100.7

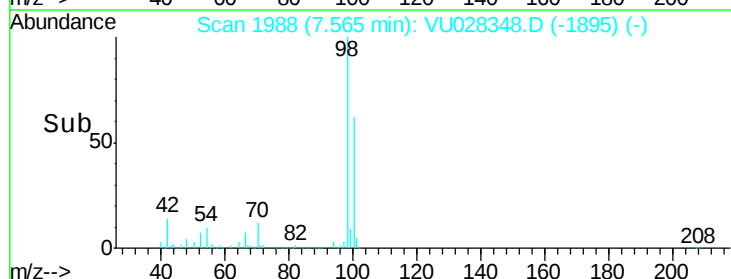
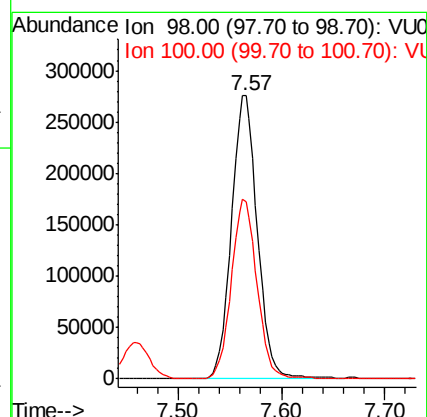
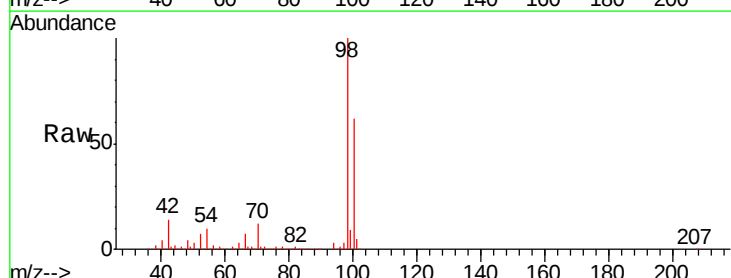
Manual Integrations
APPROVED

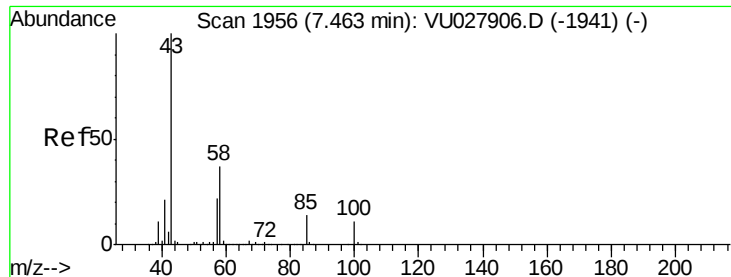
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#50
Toluene-d8
Concen: 55.47 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.1	75.1





#51

4-Methyl-2-Pentanone

Concen: 110.52 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 43 Resp: 634492

Ion Ratio Lower Upper

43 100

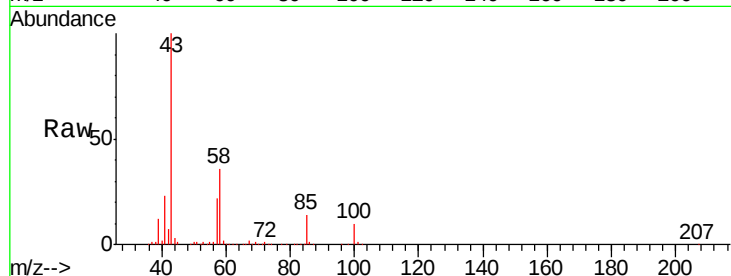
58 35.6 29.5 44.3

Manual Integrations

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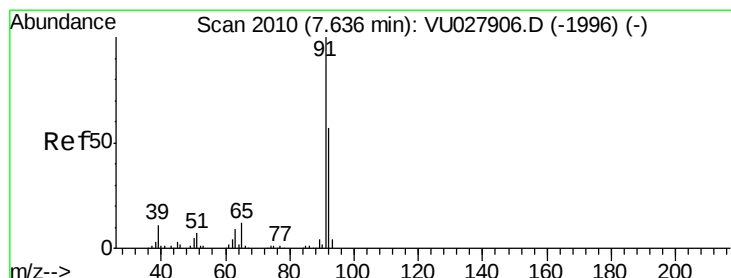
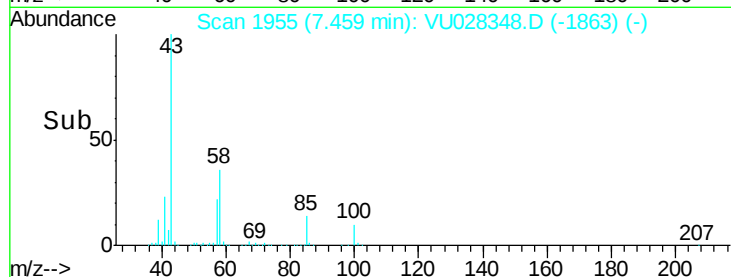
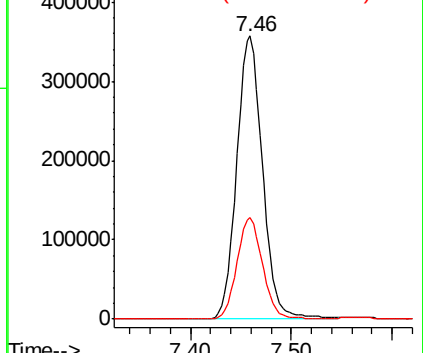
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 20.70 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028348.D

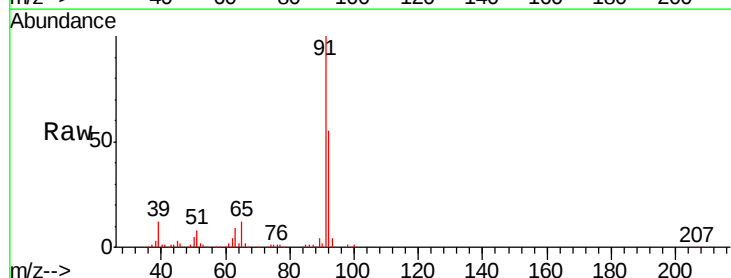
Acq: 27 Nov 2018 20:13

Tgt Ion: 92 Resp: 139330

Ion Ratio Lower Upper

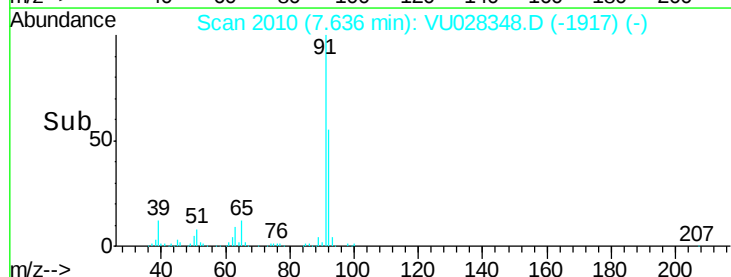
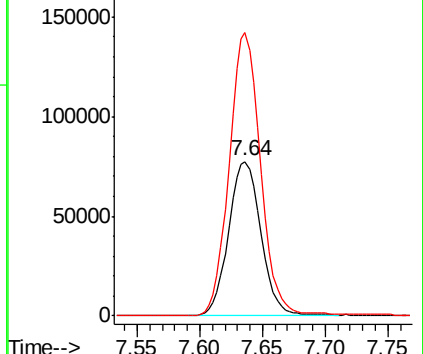
92 100

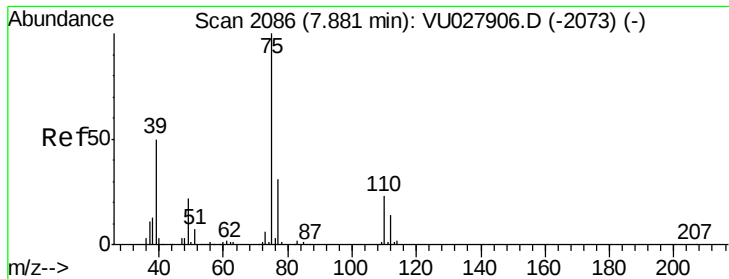
91 175.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





#53

t-1,3-Dichloropropene

Concen: 20.89 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 75 Resp: 91718

Ion Ratio Lower Upper

75 100

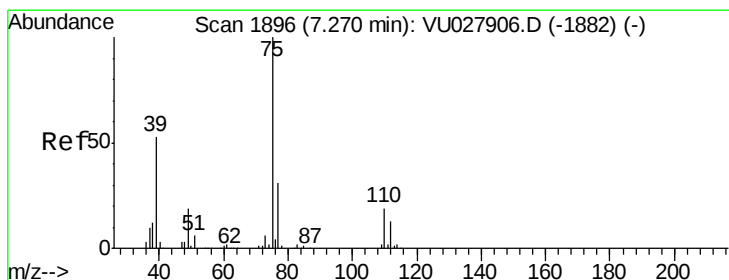
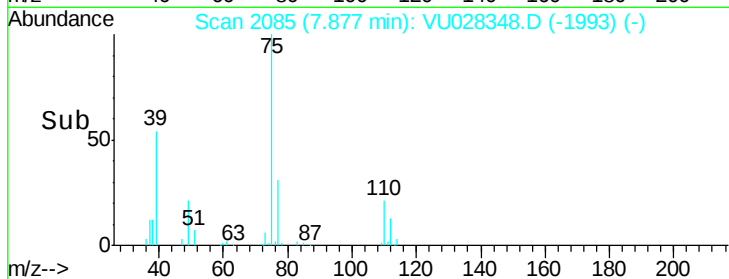
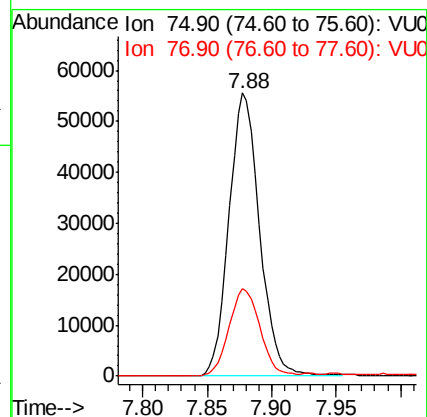
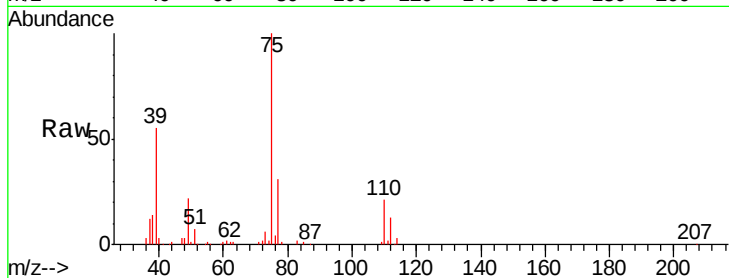
77 30.8 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 22.14 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

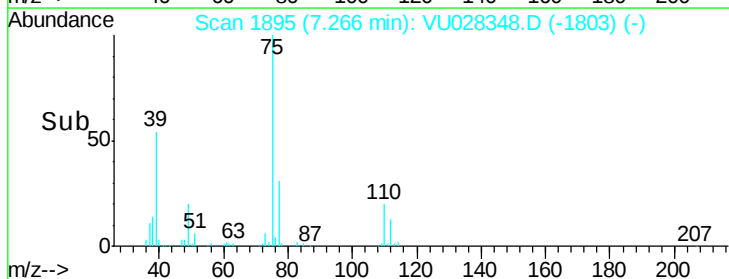
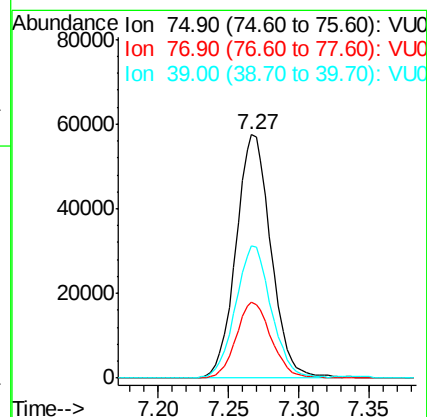
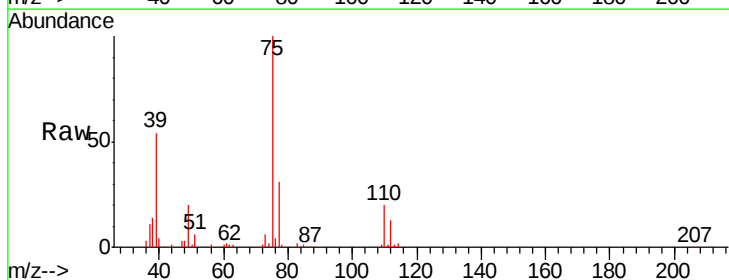
Tgt Ion: 75 Resp: 99815

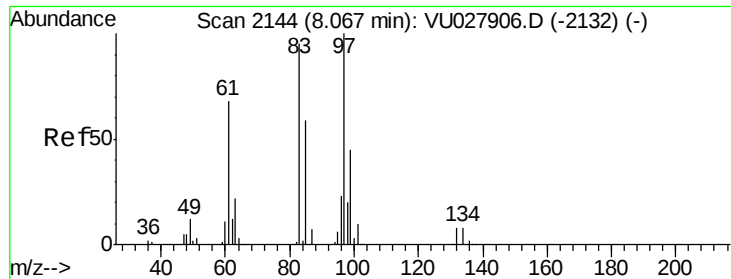
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 54.1 42.6 64.0





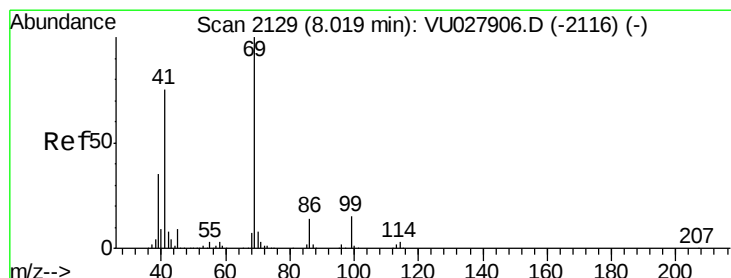
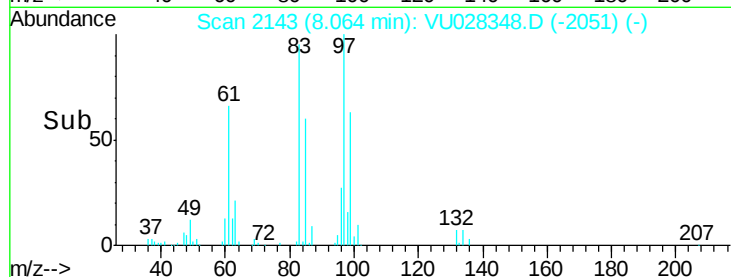
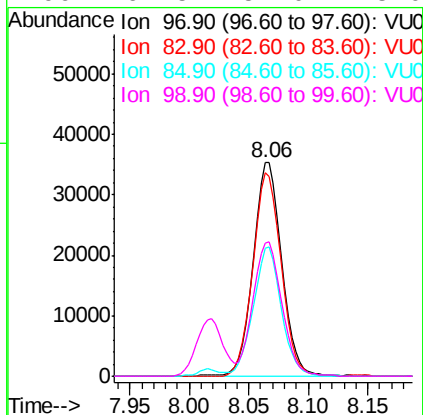
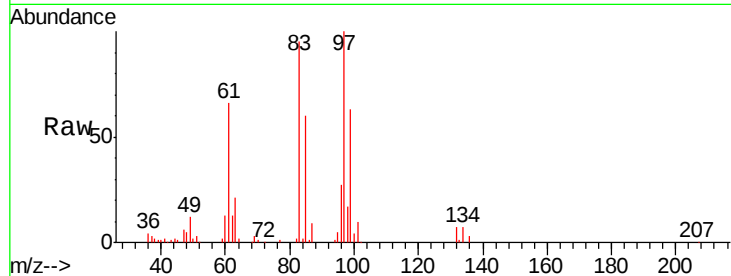
#55
 1,1,2-Trichloroethane
 Concen: 21.46 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.4	76.1	114.1
85	59.4	48.9	73.3
99	62.5	52.0	78.0

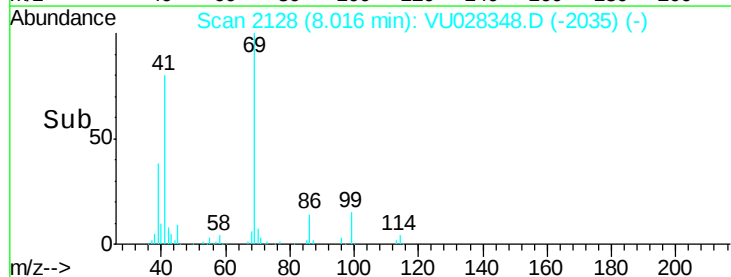
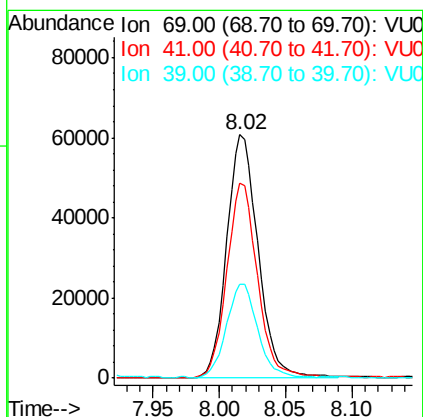
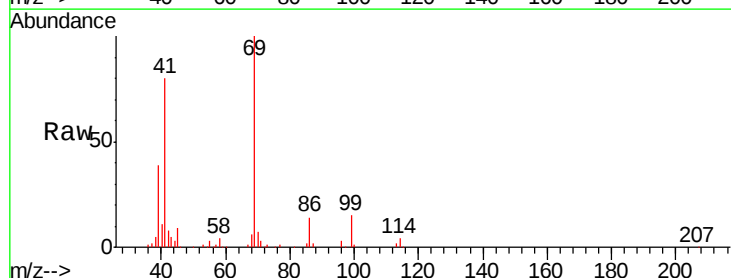
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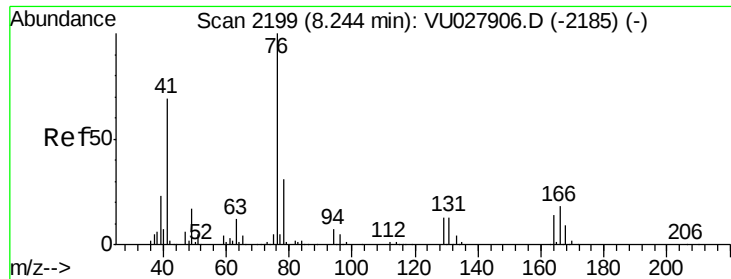
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#56
 Ethyl methacrylate
 Concen: 20.78 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.1	59.8	89.6
39	37.8	28.6	42.8





#57

1,3-Dichloropropane

Concen: 21.61 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 76 Resp: 107803

Ion Ratio Lower Upper

76 100

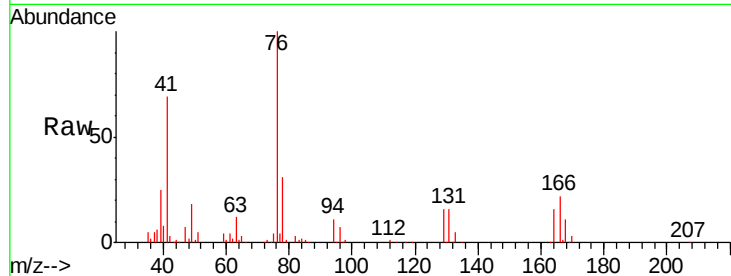
78 31.9 25.3 37.9

Manual Integrations

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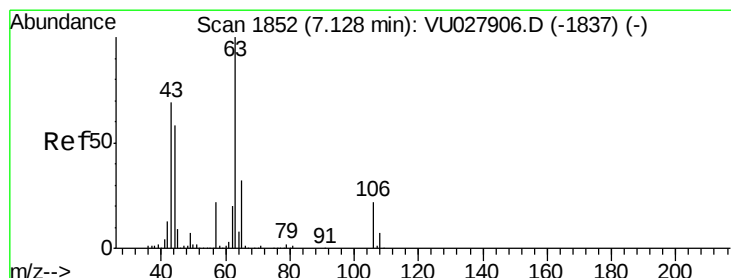
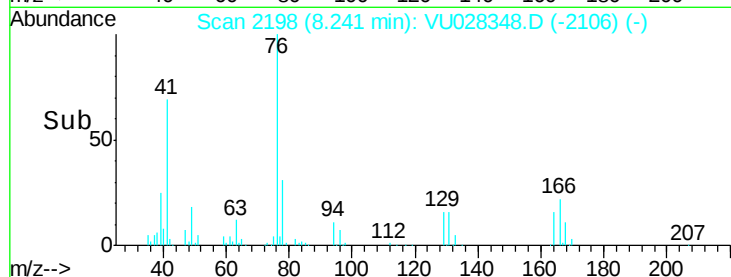
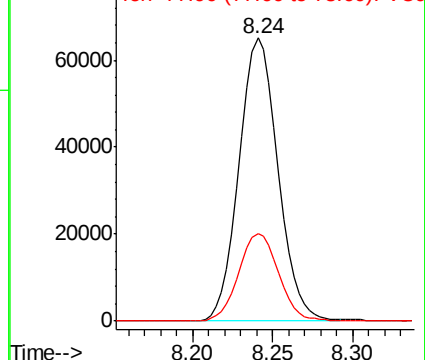
sam

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Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 108.55 ug/l

RT: 7.12 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VU028348.D

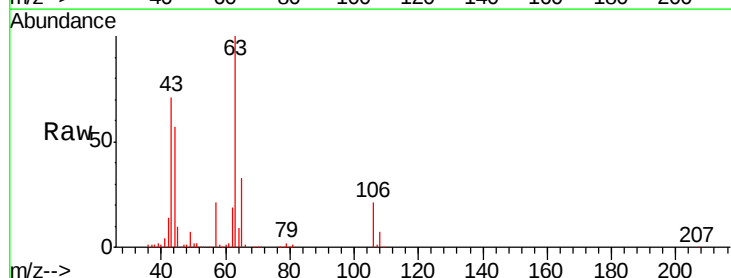
Acq: 27 Nov 2018 20:13

Tgt Ion: 63 Resp: 280730

Ion Ratio Lower Upper

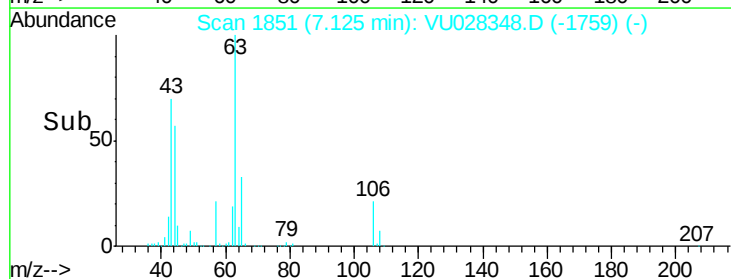
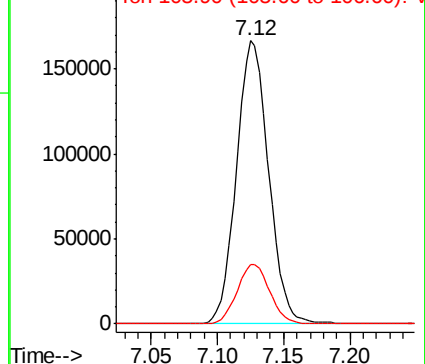
63 100

106 21.4 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





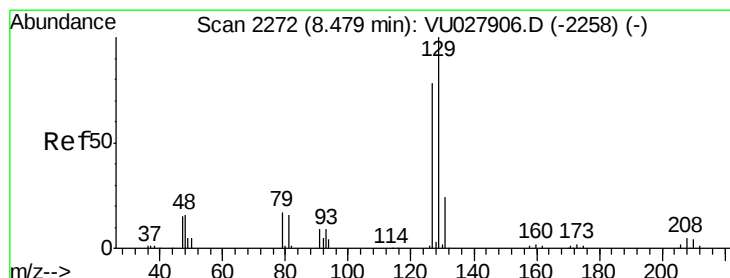
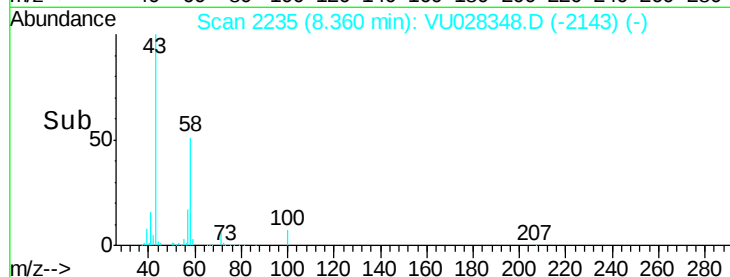
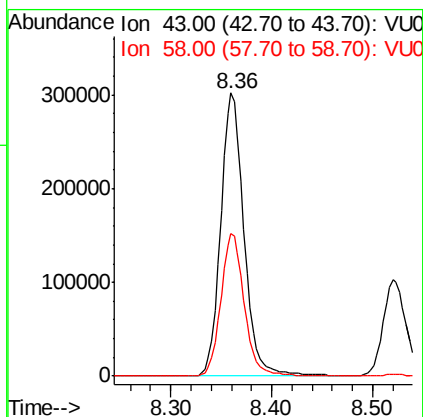
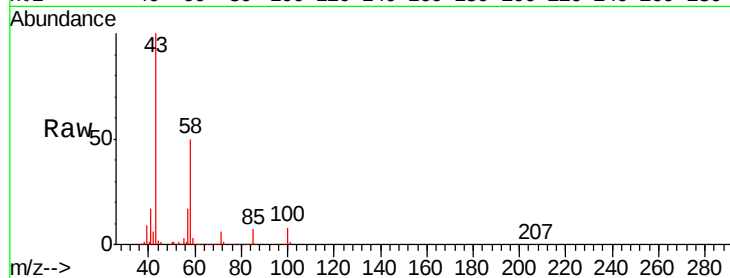
#59
2-Hexanone
Concen: 109.74 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion: 43 Resp: 487268
Ion Ratio Lower Upper
43 100
58 50.6 25.8 77.3

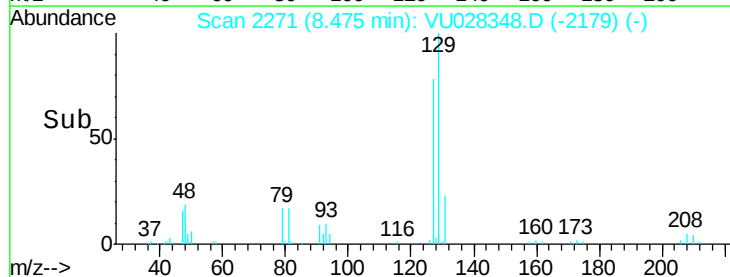
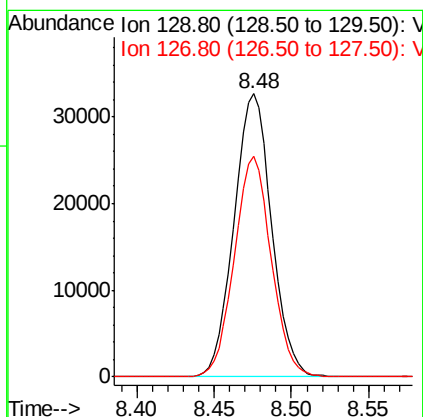
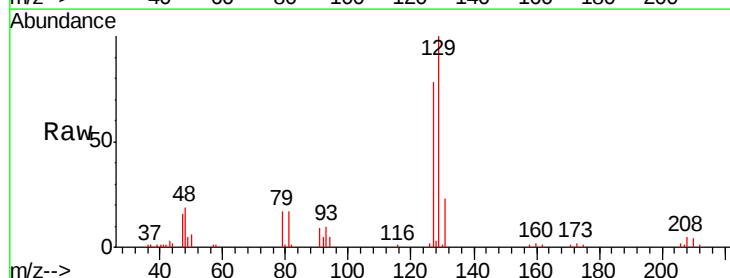
Manual Integrations
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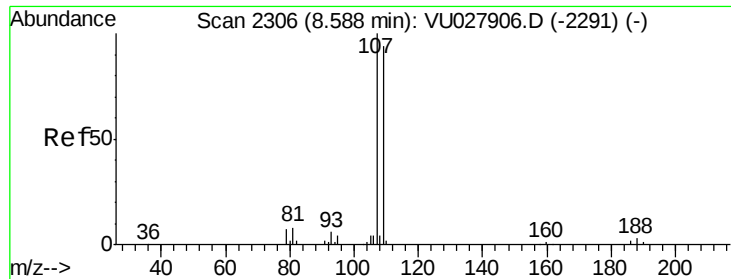
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#60
Dibromochloromethane
Concen: 21.28 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion: 129 Resp: 55141
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.39 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 107 Resp: 59330

Ion Ratio Lower Upper

107 100

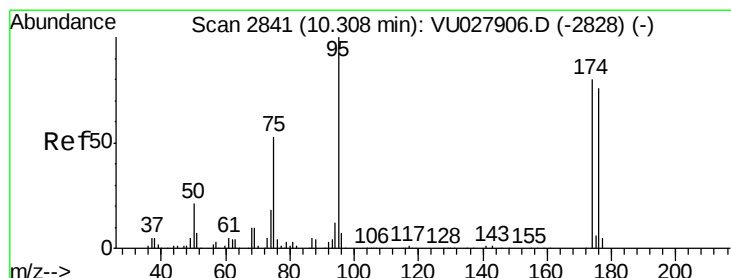
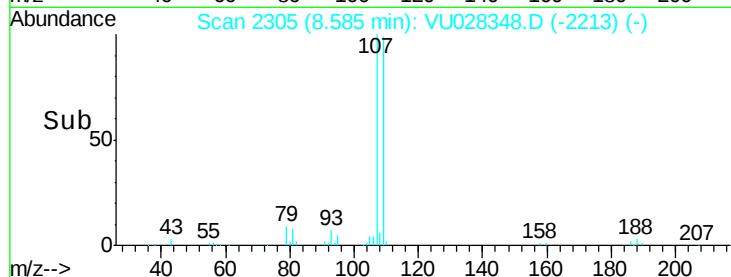
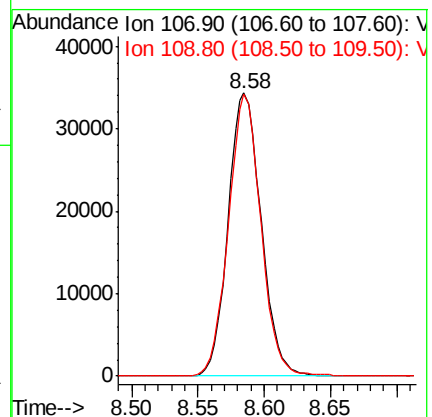
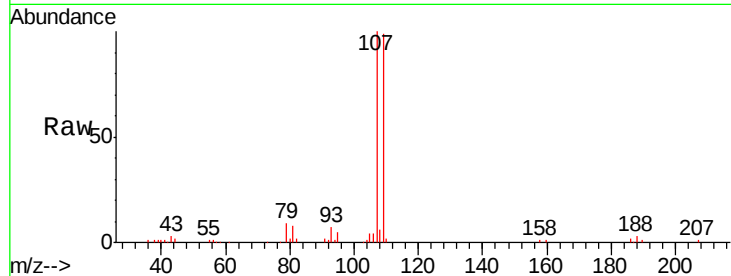
109 97.5 73.8 110.8

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#62

4-Bromofluorobenzene

Concen: 54.47 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

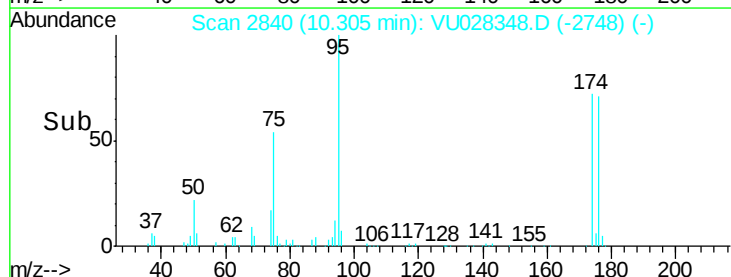
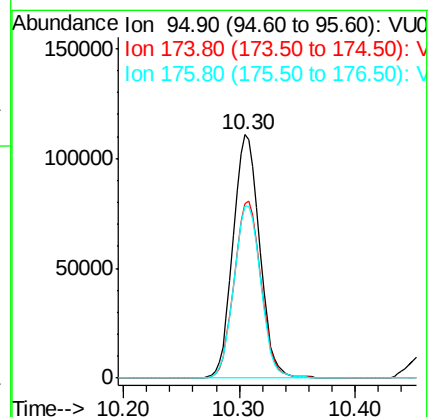
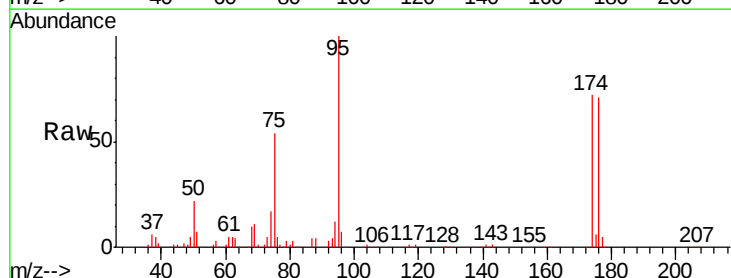
Tgt Ion: 95 Resp: 174947

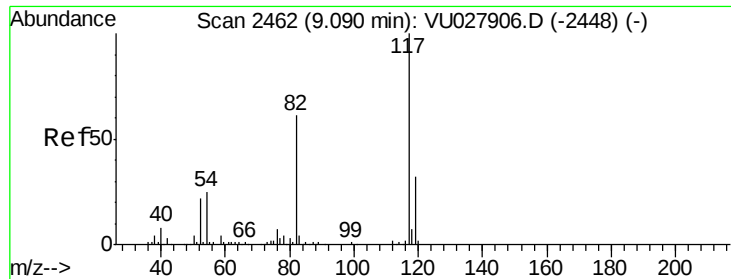
Ion Ratio Lower Upper

95 100

174 73.4 0.0 156.4

176 71.4 0.0 150.8





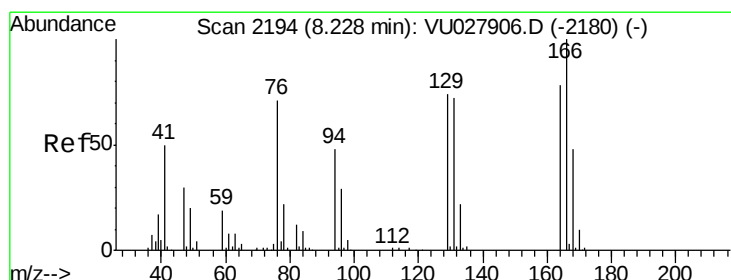
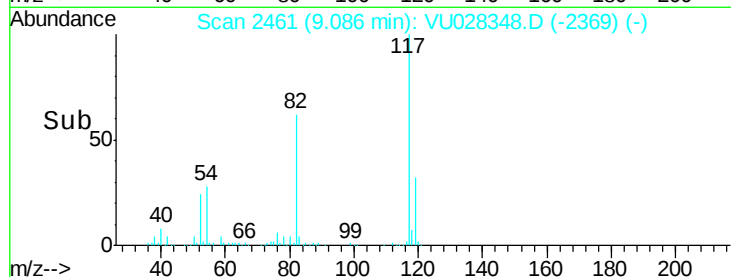
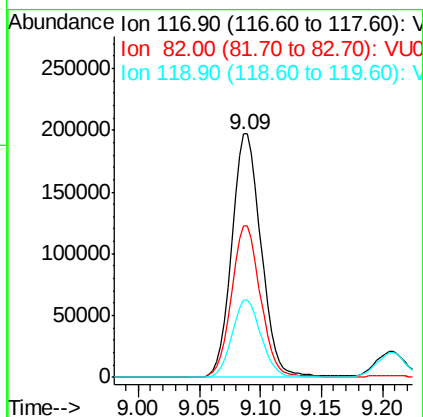
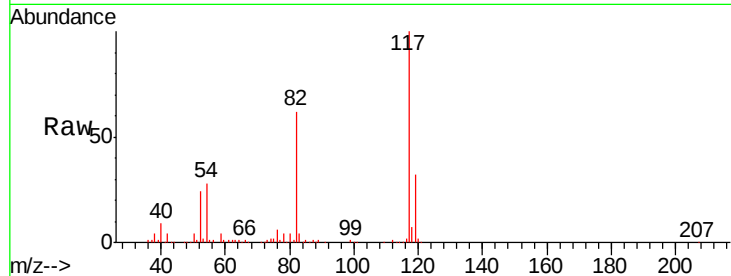
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	330309		
82	62.3	48.6	73.0	
119	31.7	25.8	38.8	

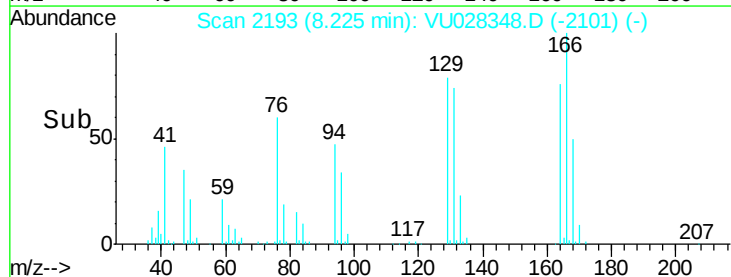
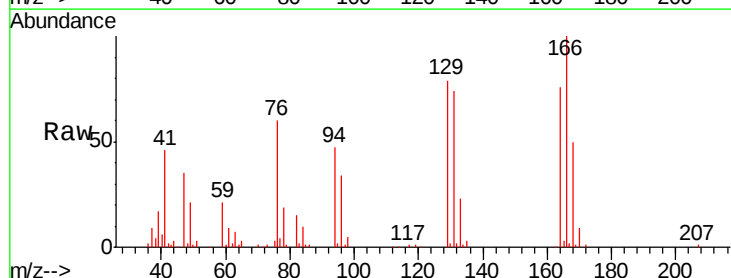
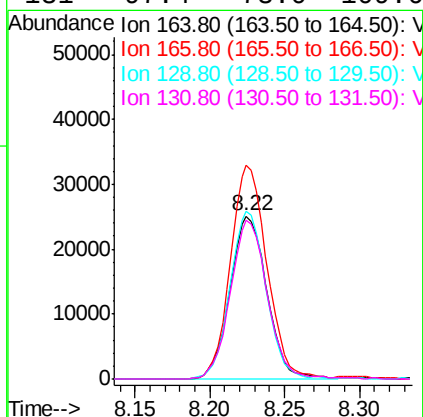
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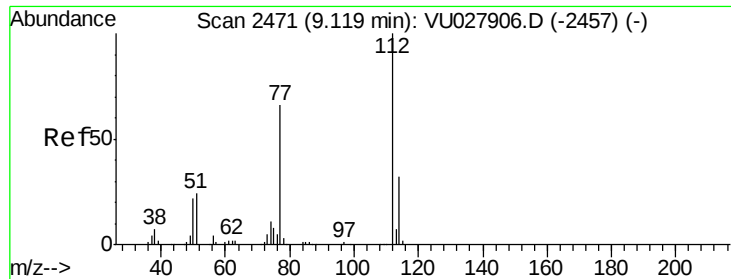
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#64
Tetrachloroethene
Concen: 20.17 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43205		
166	131.4	102.1	153.1	
129	103.2	75.9	113.9	
131	97.4	73.0	109.6	





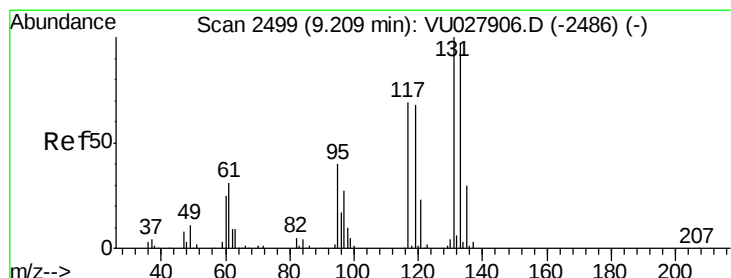
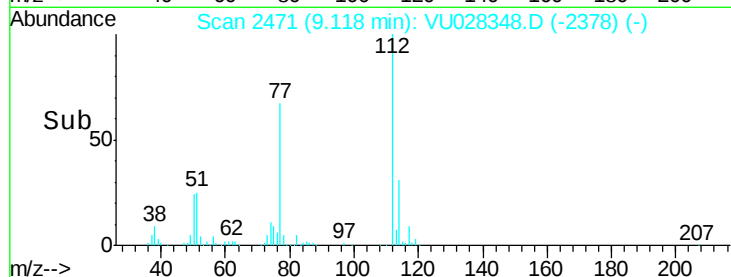
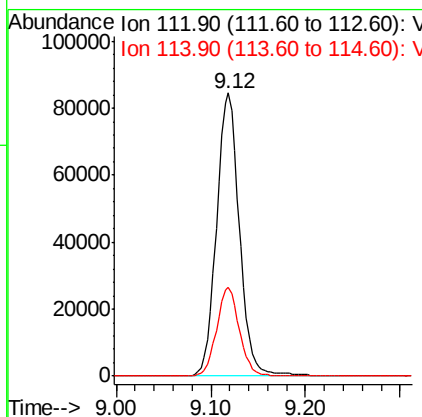
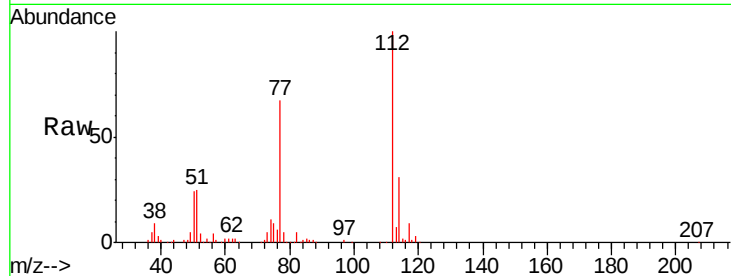
#65
Chlorobenzene
Concen: 20.30 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	141652		
114	31.3	25.2	37.8	

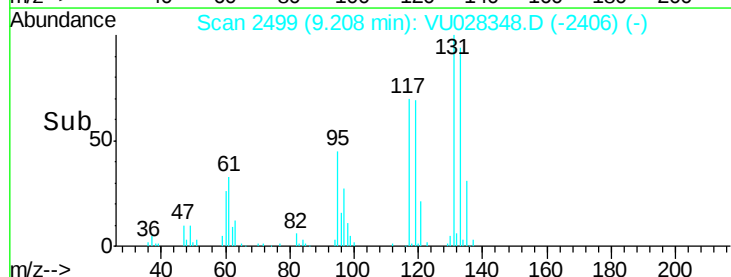
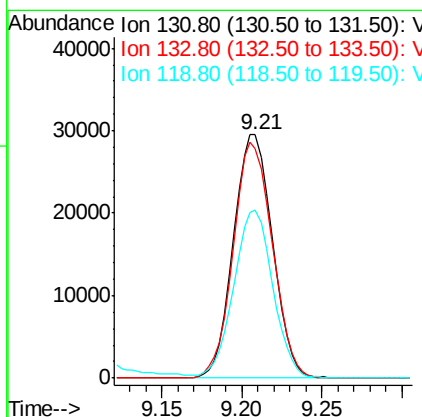
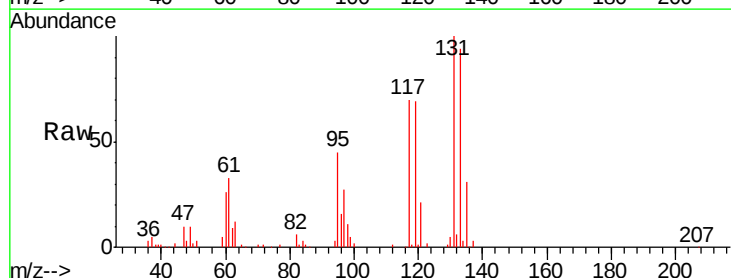
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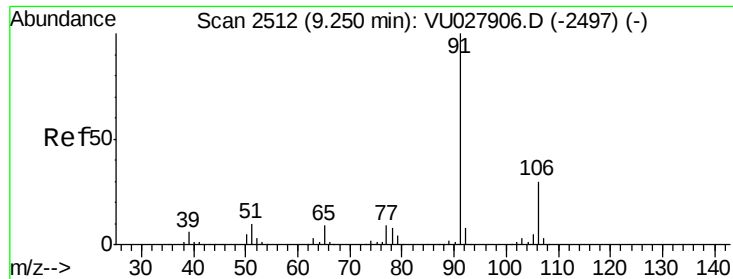
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.58 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	49054		
133	97.1	48.1	144.4	
119	69.1	34.0	101.8	





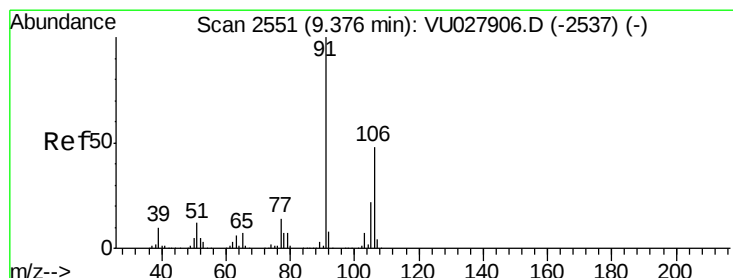
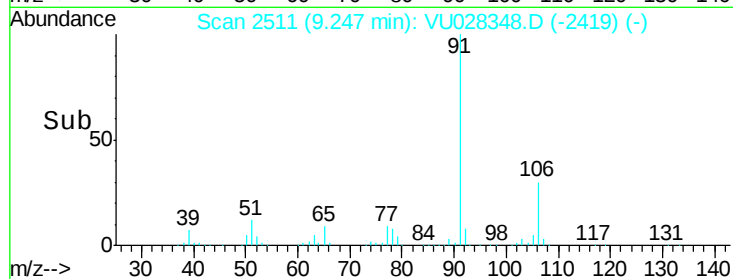
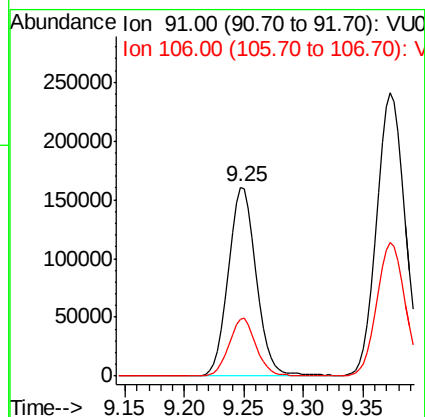
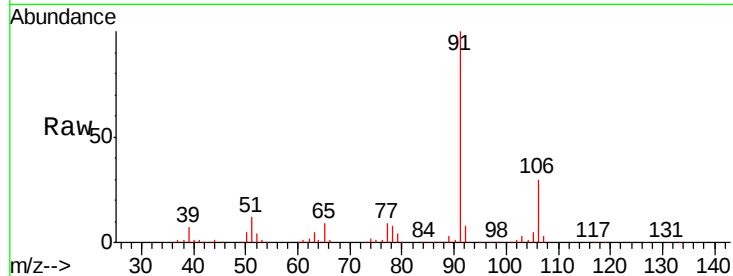
#67
Ethyl Benzene
Concen: 20.48 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion: 91 Resp: 263015
Ion Ratio Lower Upper
91 100
106 30.4 23.6 35.4

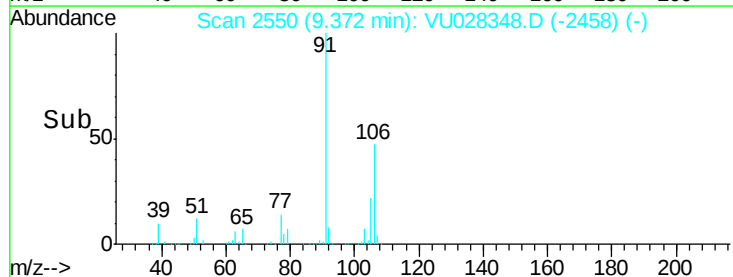
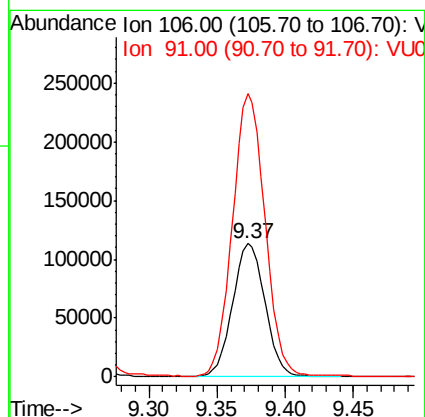
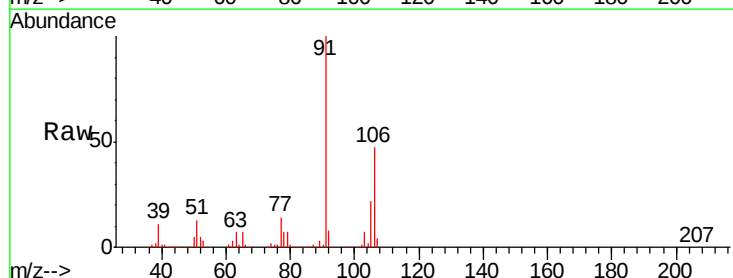
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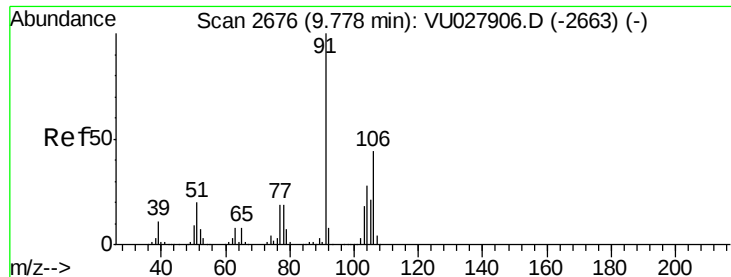
sam
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#68
m/p-Xylenes
Concen: 40.04 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion: 106 Resp: 186635
Ion Ratio Lower Upper
106 100
91 214.6 168.2 252.4





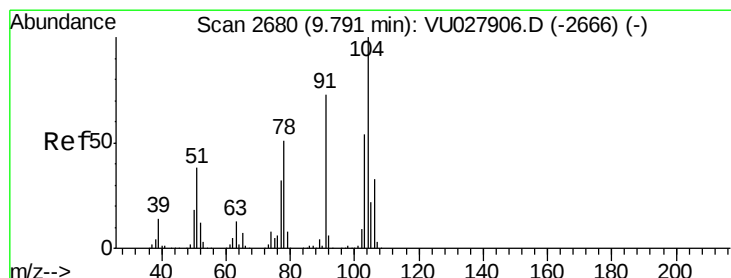
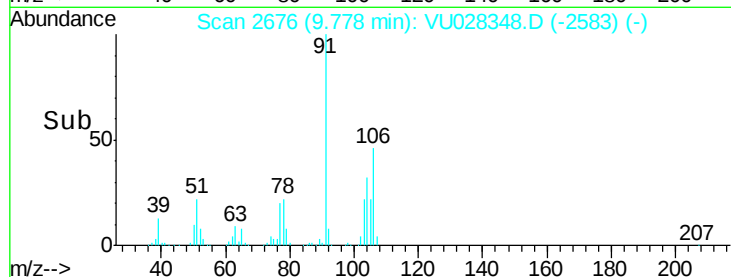
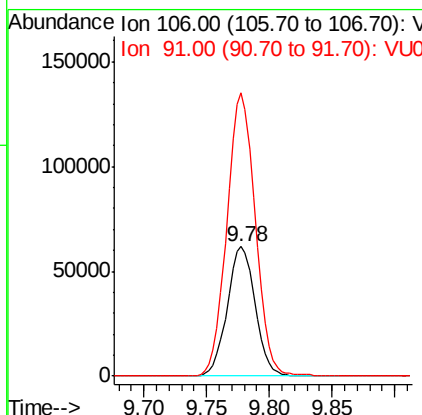
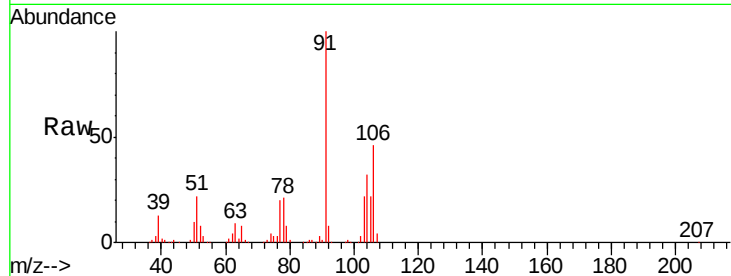
#69
o-Xylene
Concen: 20.35 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion:106 Resp: 95771
Ion Ratio Lower Upper
106 100
91 222.3 111.1 333.4

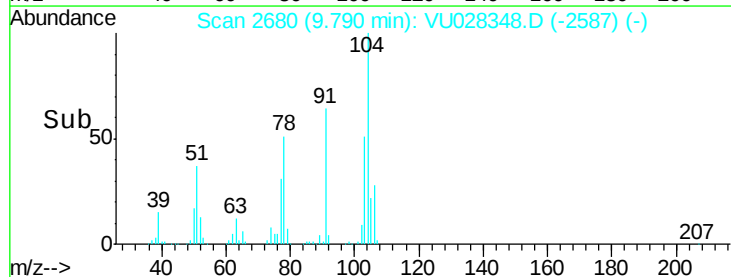
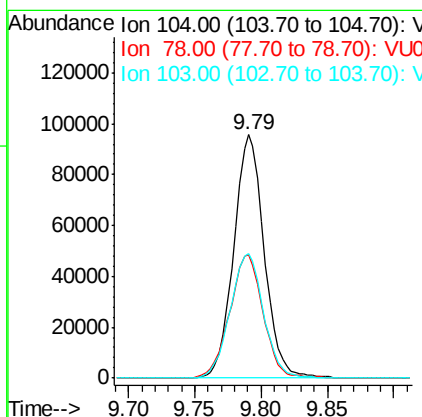
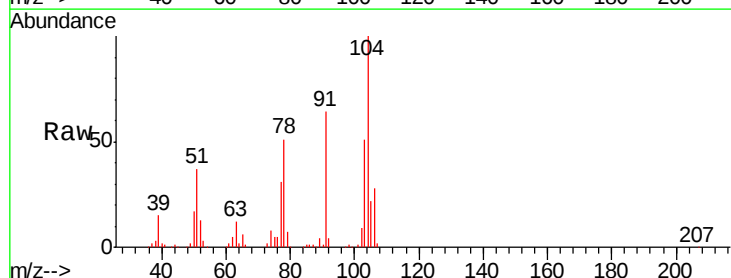
Manual Integrations
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#70
Styrene
Concen: 20.33 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion:104 Resp: 152855
Ion Ratio Lower Upper
104 100
78 55.4 43.0 64.4
103 56.0 45.1 67.7





#71

Bromoform

Concen: 20.76 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

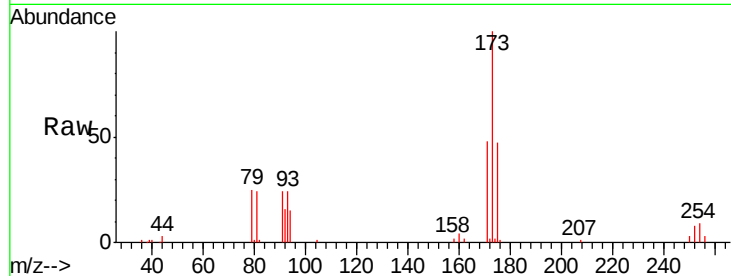
ClientSampleId :

VU1127WBS02

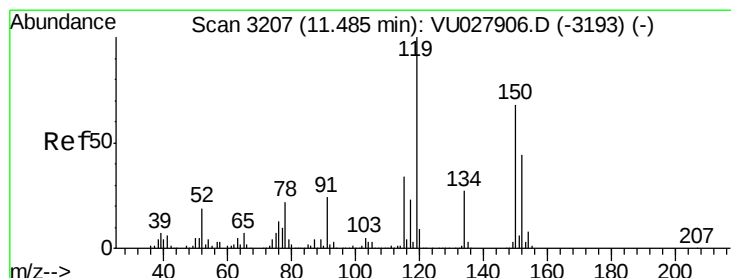
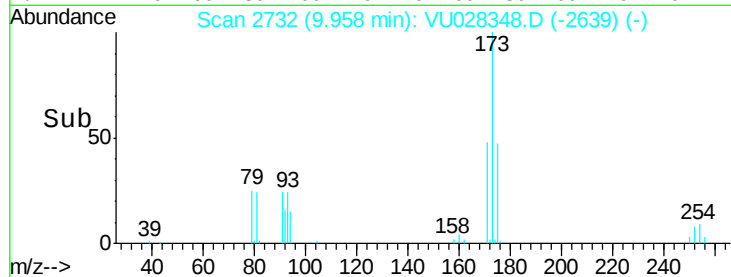
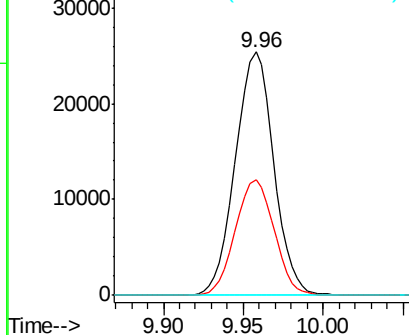
Tgt Ion:	173	Resp:	41473
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.3	72.8
254	0.0	0.0	0.0

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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

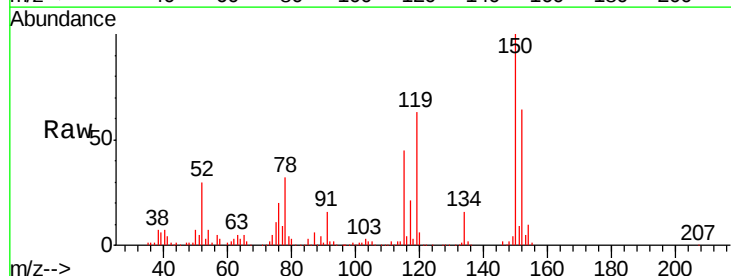
RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

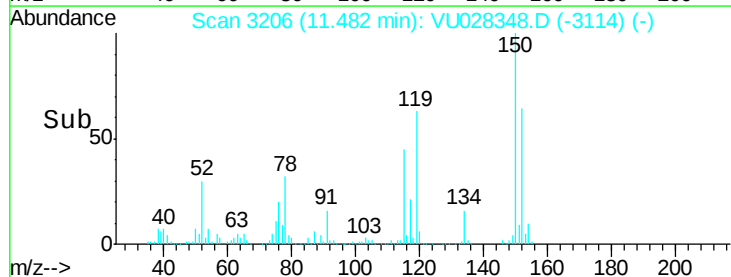
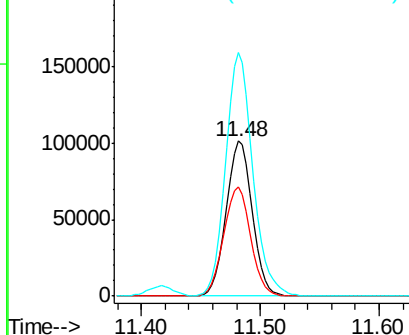
Lab File: VU028348.D

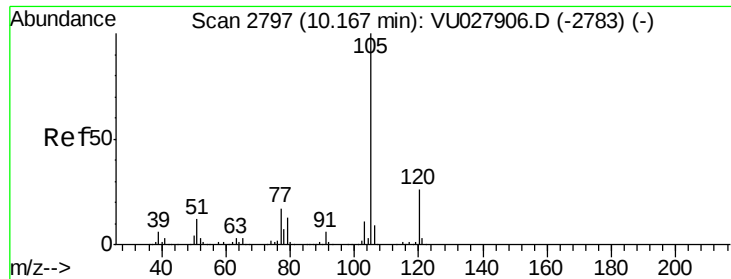
Acq: 27 Nov 2018 20:13

Tgt Ion:	152	Resp:	153939
Ion Ratio	Lower	Upper	
152	100		
115	72.5	43.0	129.0
150	163.9	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: 20.95 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 105 Resp: 249827

Ion Ratio Lower Upper

105 100

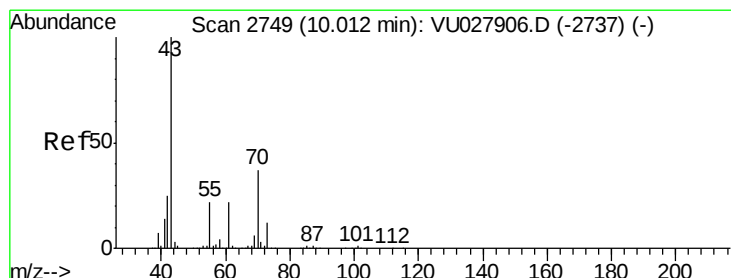
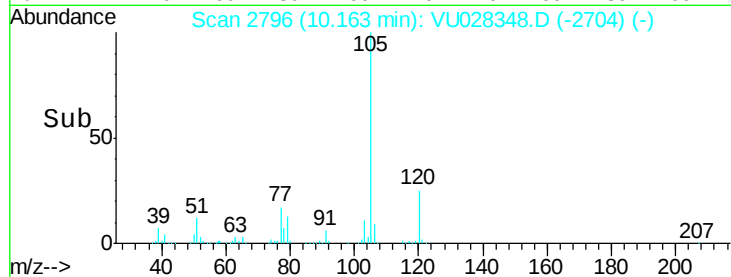
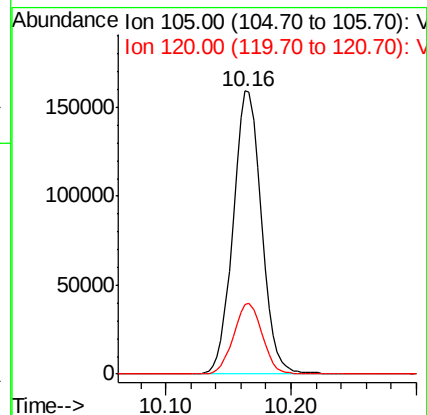
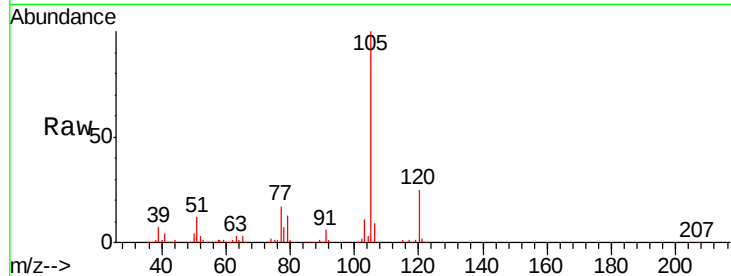
120 25.5 12.7 38.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.66 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion: 43 Resp: 156204

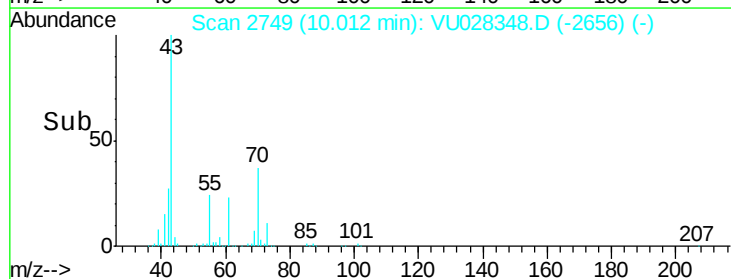
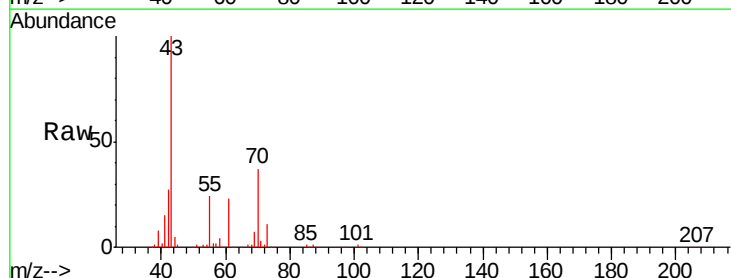
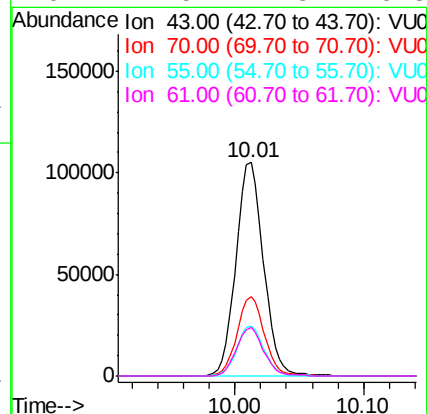
Ion Ratio Lower Upper

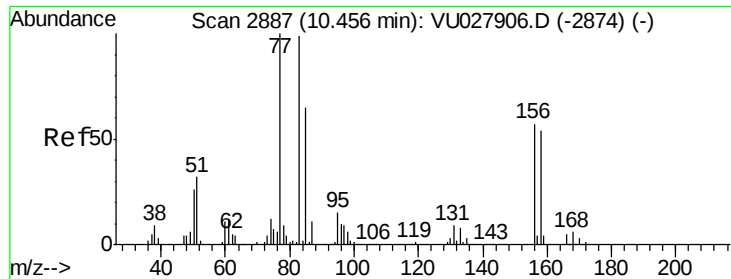
43 100

70 36.8 29.2 43.8

55 23.2 17.8 26.6

61 22.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.36 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion: 83 Resp: 107546
Ion Ratio Lower Upper

83 100

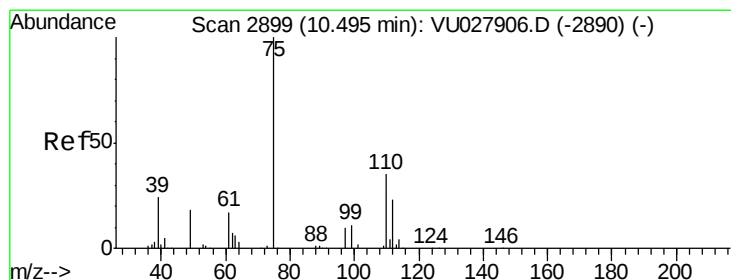
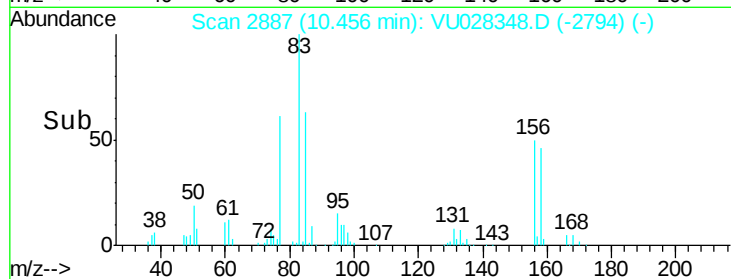
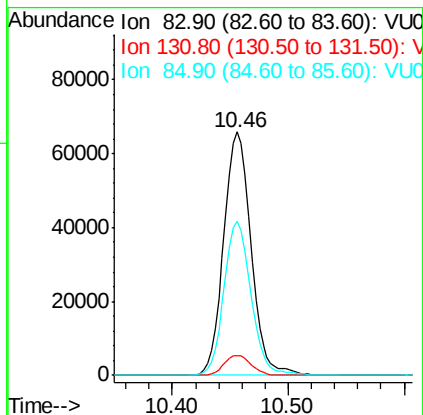
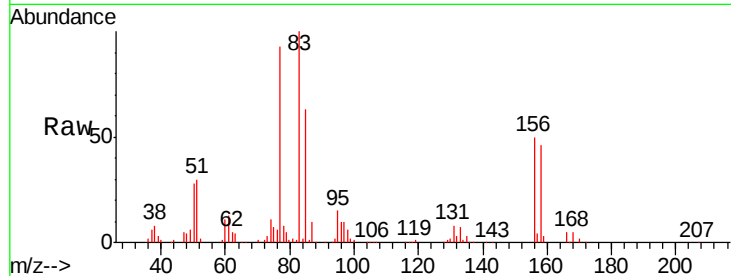
131 8.0 4.3 13.1

85 62.7 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 20.61 ug/l m

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

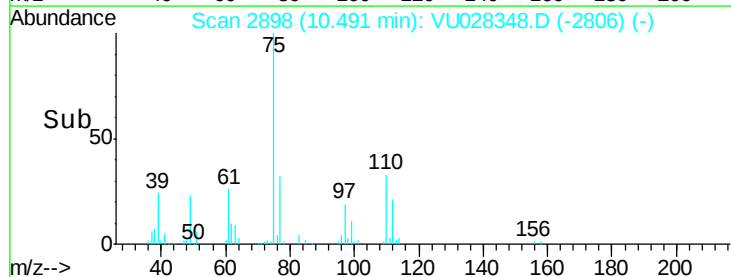
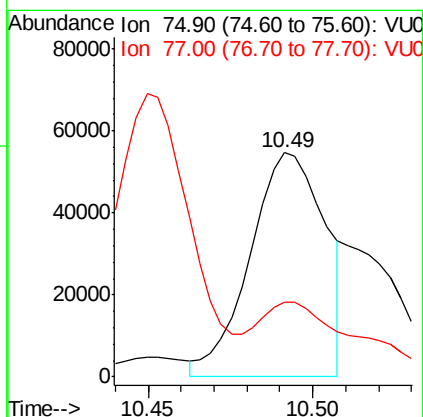
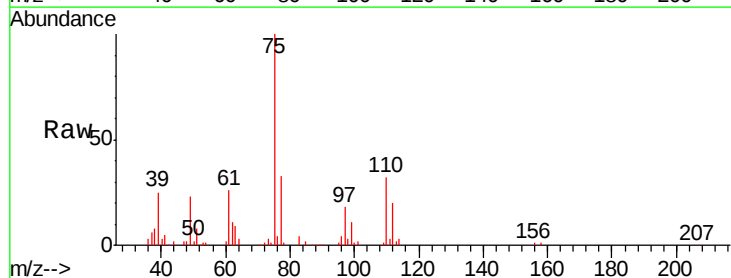
Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion: 75 Resp: 86772
Ion Ratio Lower Upper

75 100

77 44.4 21.6 64.6





#77

Bromobenzene

Concen: 21.02 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

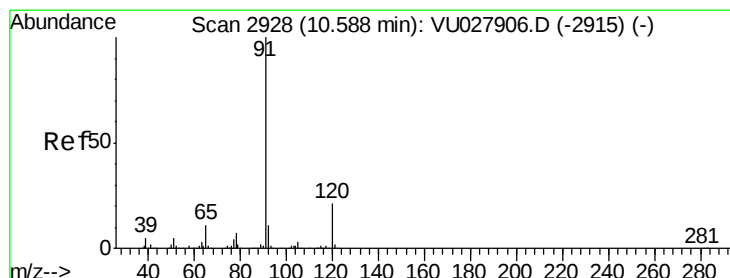
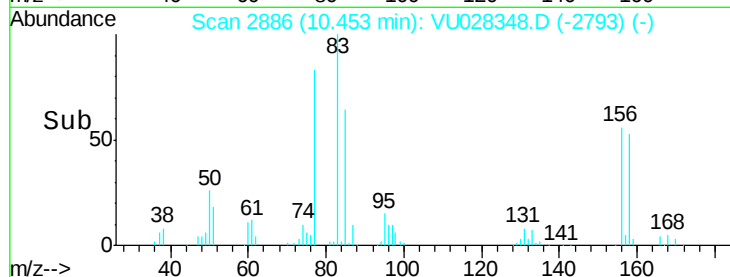
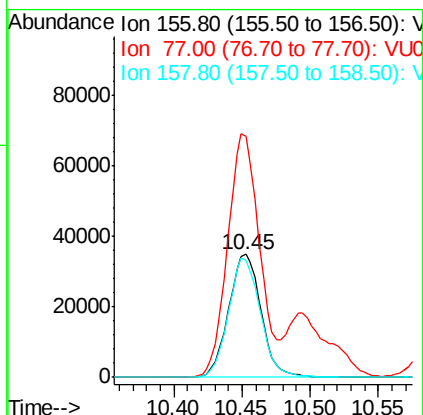
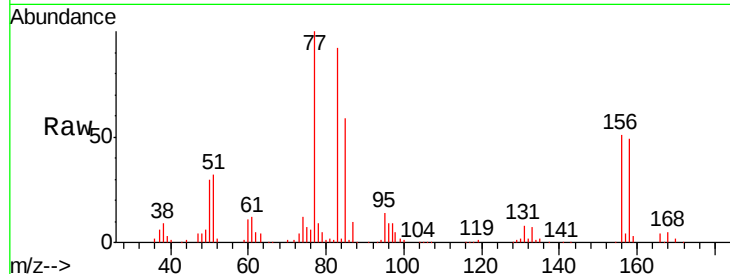
ClientSampleId :

VU1127WBS02

Tgt Ion:	156	Resp:	57479
Ion Ratio	Lower	Upper	
156	100		
77	193.7	91.8	275.6
158	95.7	48.4	145.2

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#78

n-propylbenzene

Concen: 21.23 ug/l

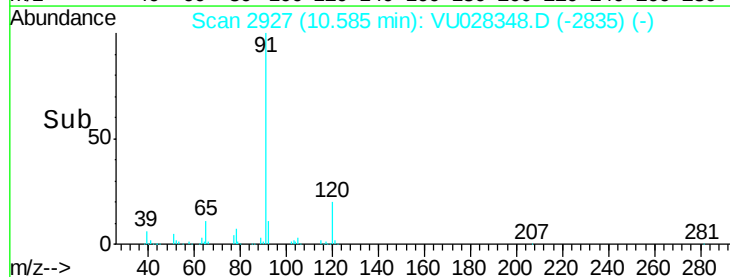
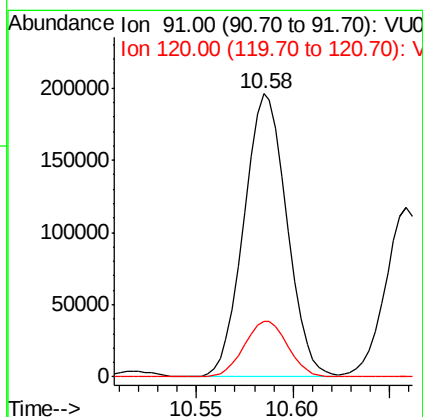
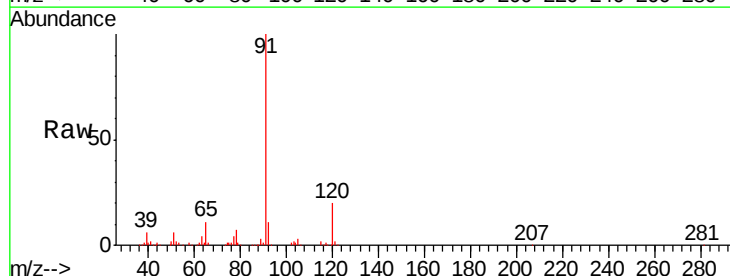
RT: 10.58 min Scan# 2927

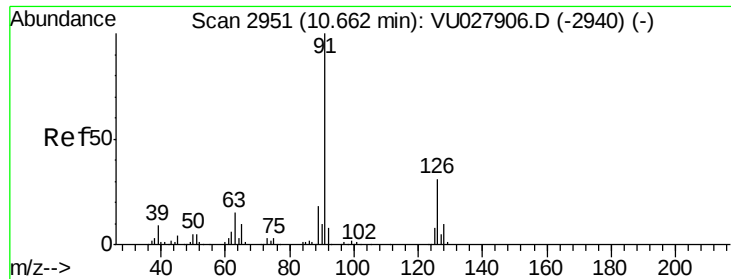
Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion:	91	Resp:	303097
Ion Ratio	Lower	Upper	
91	100		
120	19.9	10.6	31.8





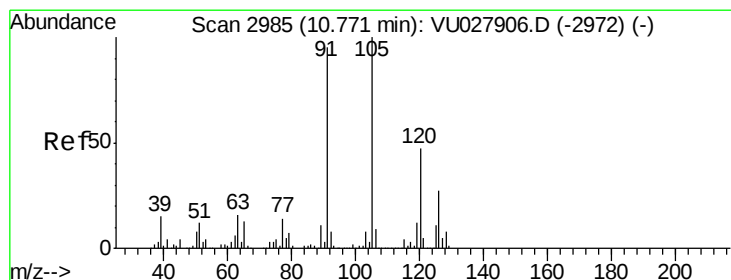
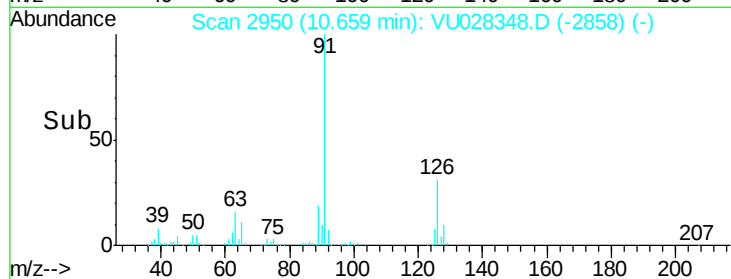
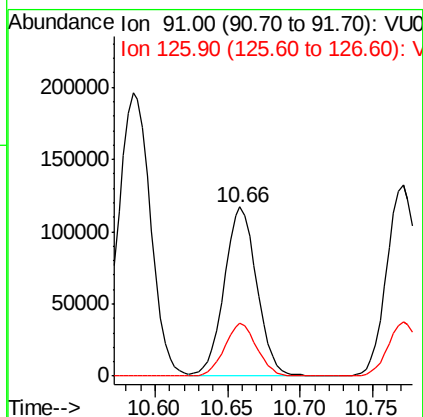
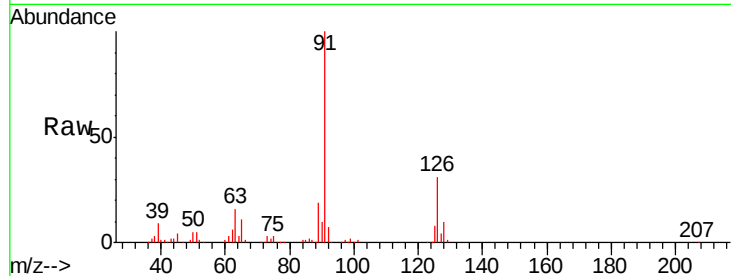
#79
2-Chlorotoluene
Concen: 21.31 ug/l
RT: 10.66 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion: 91 Resp: 182311
Ion Ratio Lower Upper
91 100
126 31.0 16.0 47.9

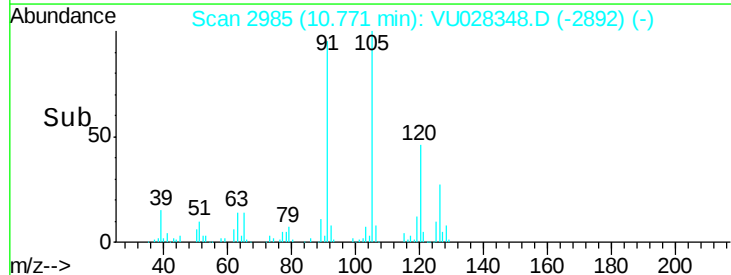
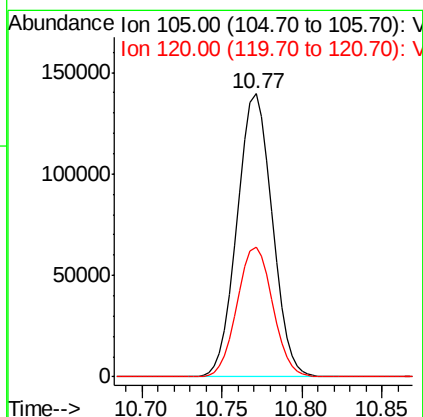
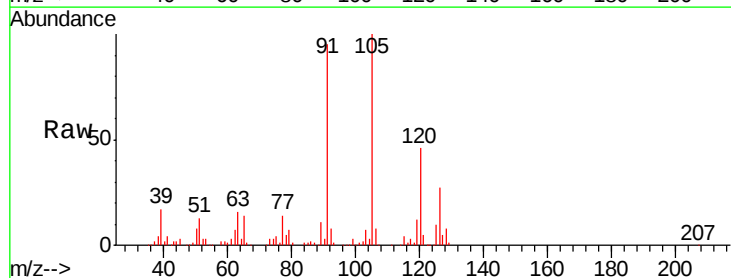
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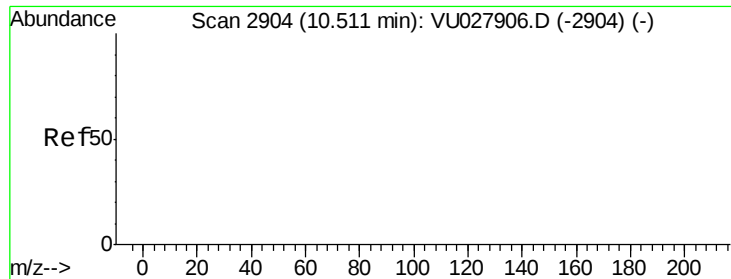
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#80
1,3,5-Trimethylbenzene
Concen: 21.10 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion: 105 Resp: 208463
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9





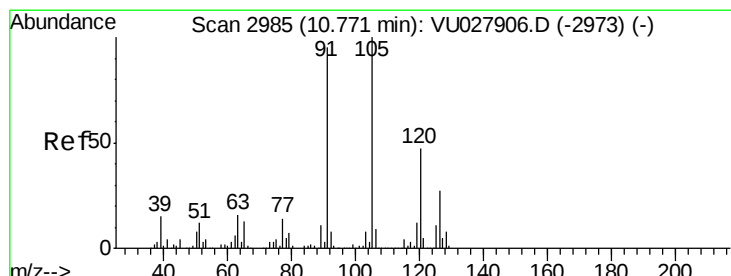
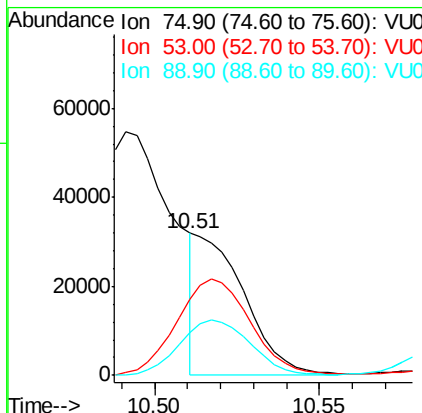
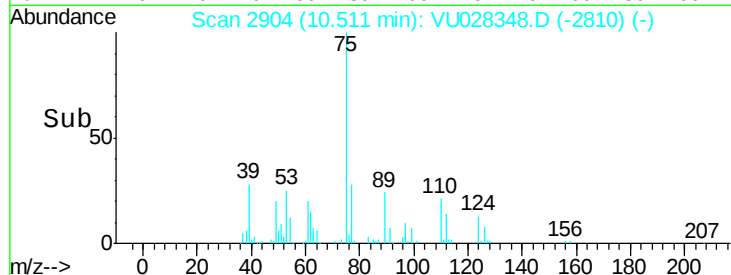
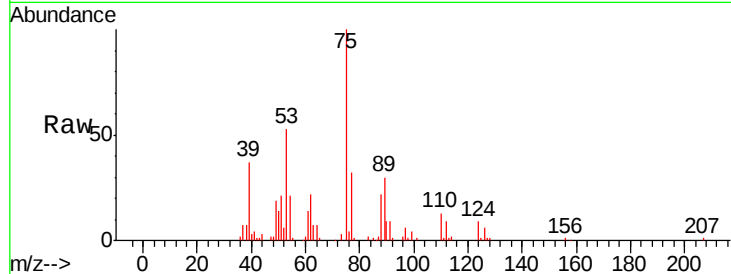
#81
trans-1,4-Dichloro-2-butene
Concen: 19.29 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

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

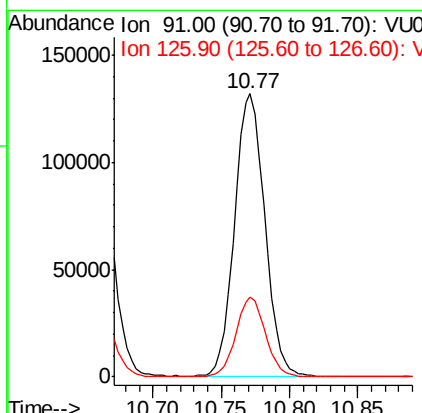
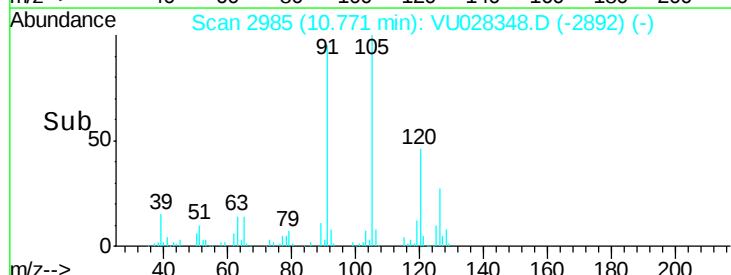
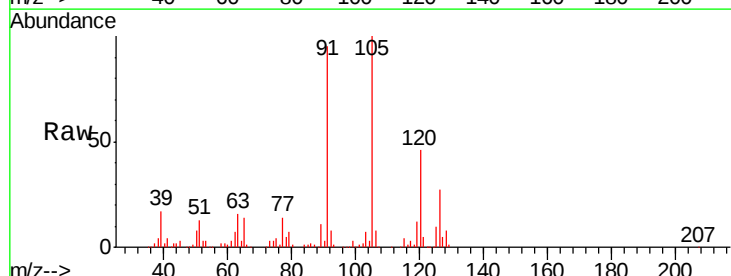
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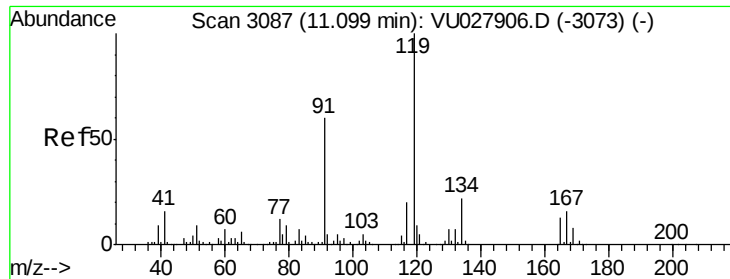
sam
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#82
4-Chlorotoluene
Concen: 20.91 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
91	100		
126	27.7	14.2	42.6





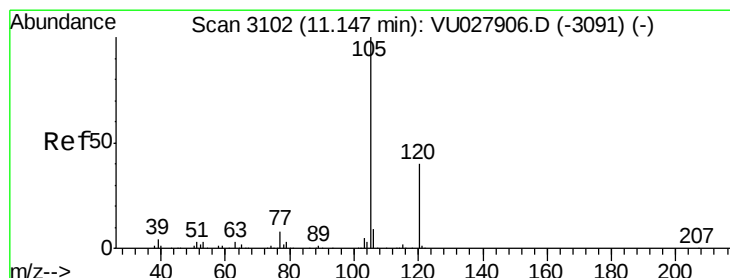
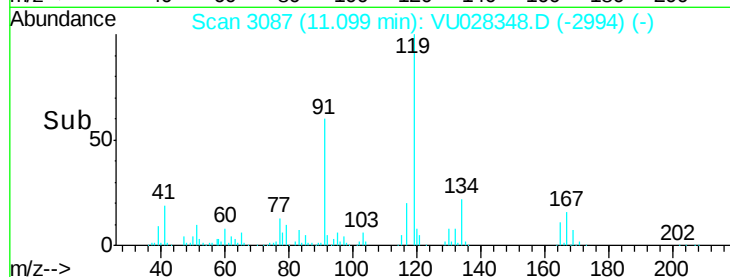
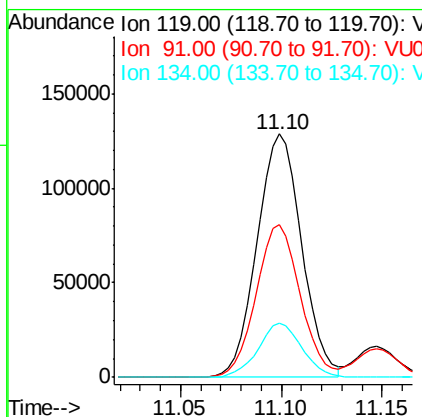
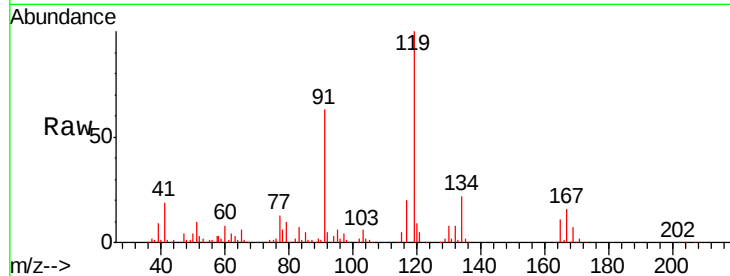
#83
 tert-Butylbenzene
 Concen: 20.12 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	198677		
91	62.3	29.8	89.3	
134	22.0	11.1	33.1	

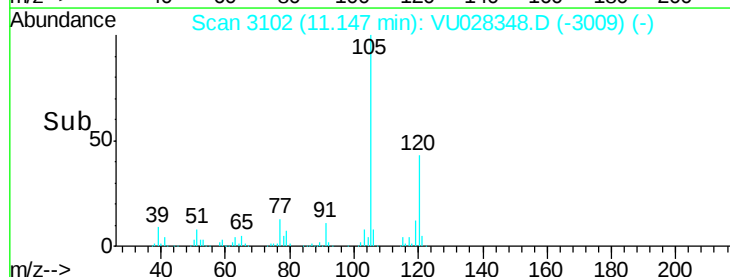
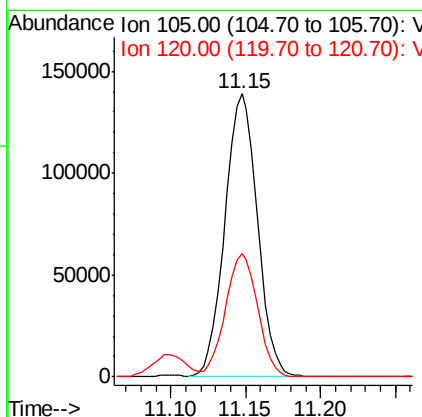
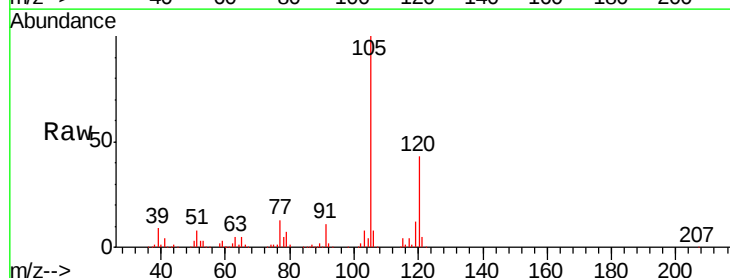
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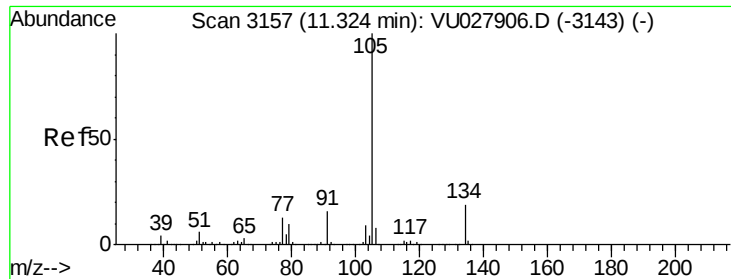
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.13 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210188		
120	43.4	22.1	66.1	





#85

sec-Butylbenzene

Concen: 20.96 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

ClientSampleId :

VU1127WBS02

Tgt Ion:105 Resp: 251721

Ion Ratio Lower Upper

105 100

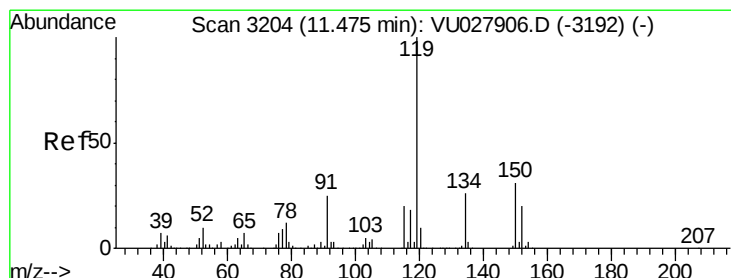
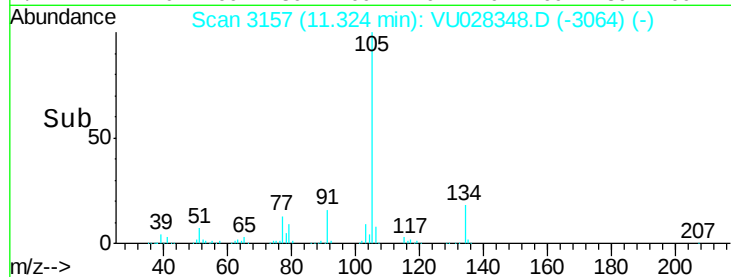
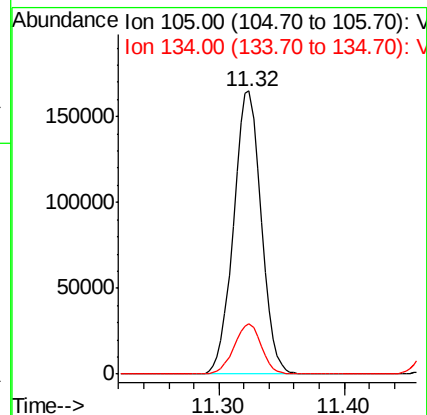
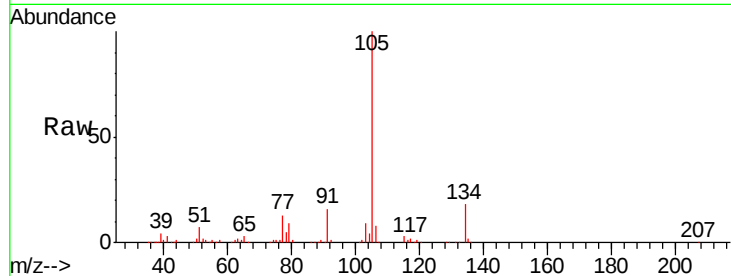
134 17.5 9.2 27.6

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#86

p-Isopropyltoluene

Concen: 20.24 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

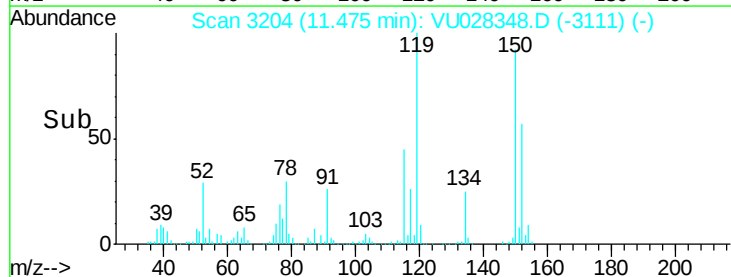
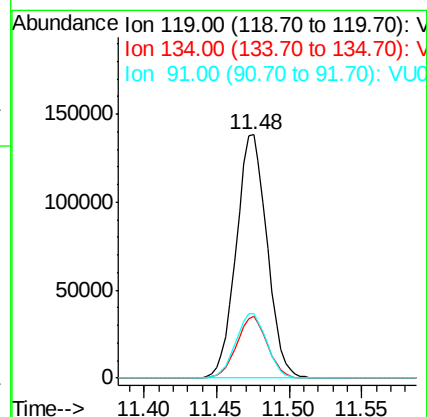
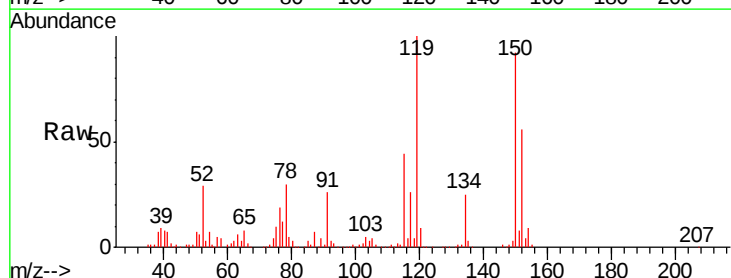
Tgt Ion:119 Resp: 203243

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

91 26.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.63 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Instrument :

MSVOA_U

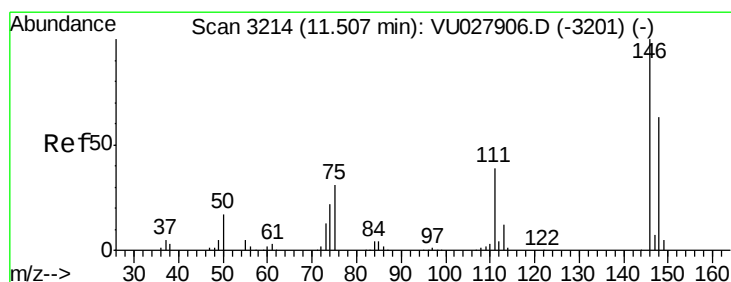
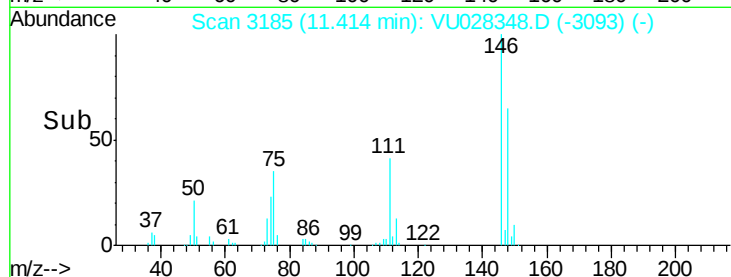
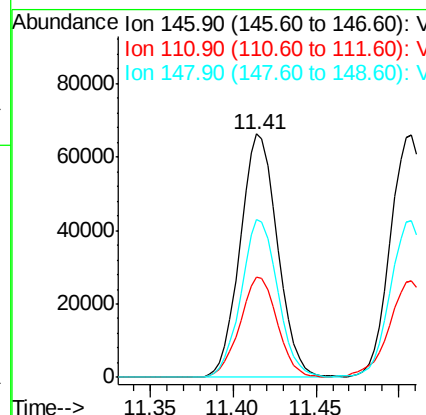
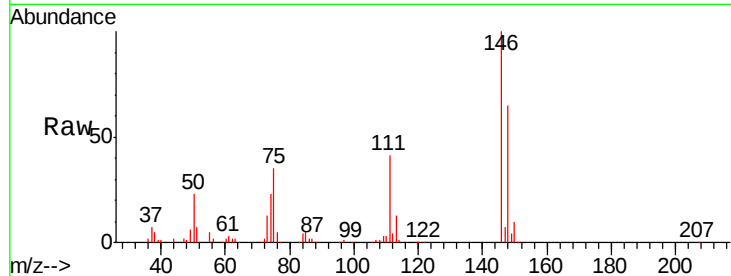
ClientSampleId :

VU1127WBS02

Tgt Ion:	146	Resp:	104205
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	61.0
148	63.4	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.86 ug/l

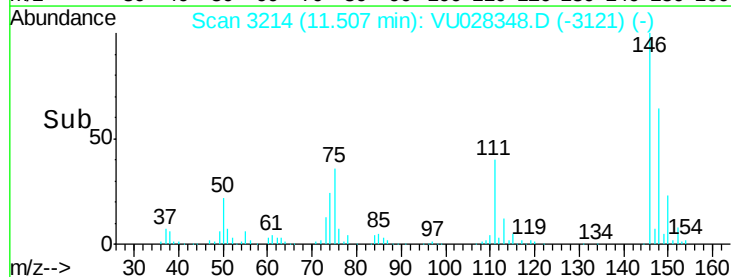
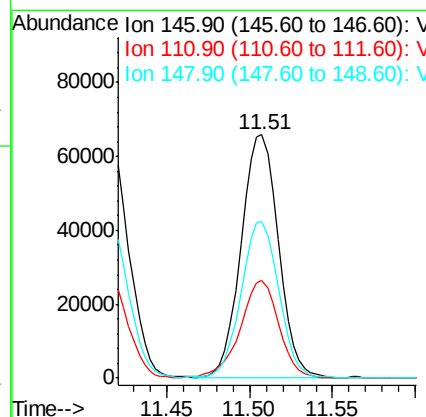
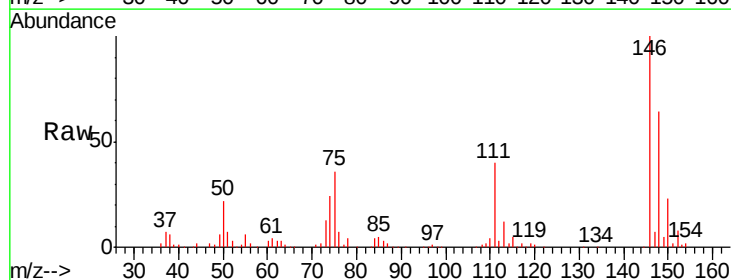
RT: 11.51 min Scan# 3214

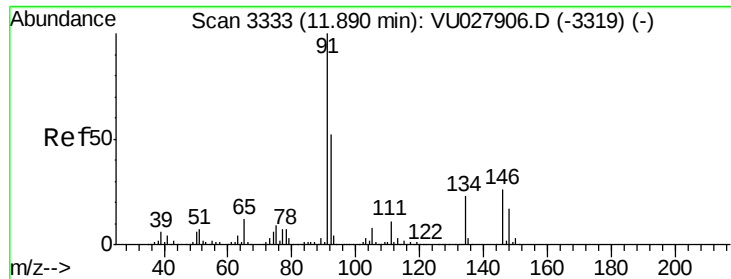
Delta R.T. -0.00 min

Lab File: VU028348.D

Acq: 27 Nov 2018 20:13

Tgt Ion:	146	Resp:	102849
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.3	60.9
148	65.8	32.0	96.2





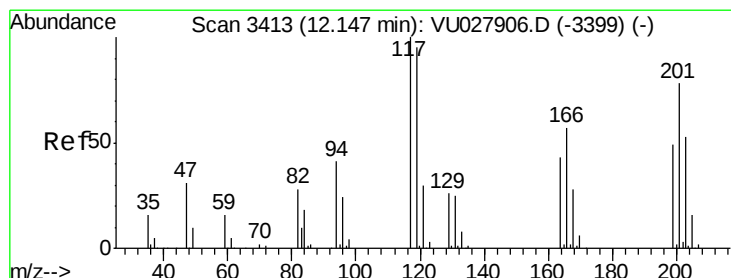
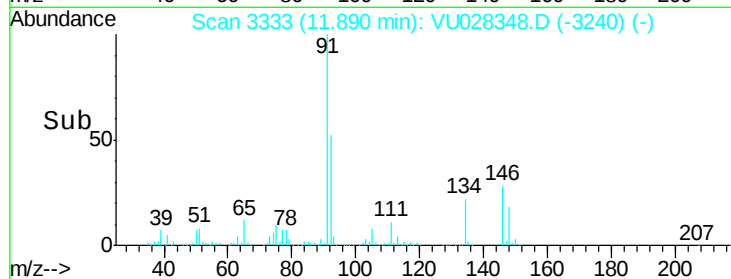
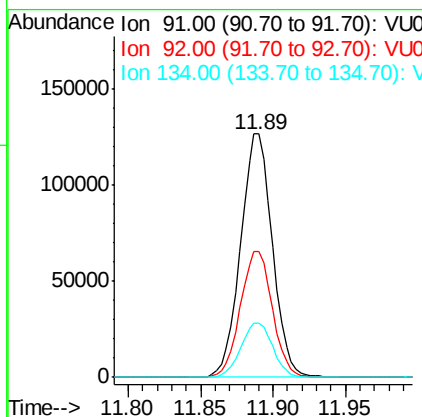
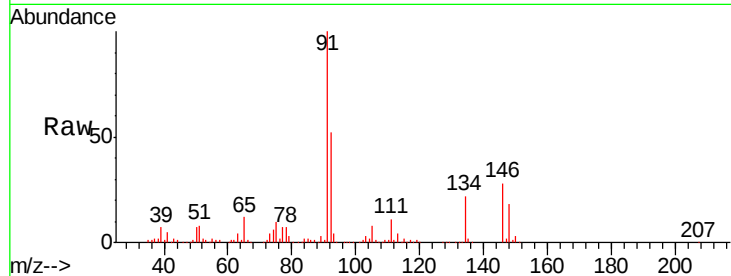
#89
n-Butylbenzene
Concen: 20.26 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	22.3	11.5	34.5

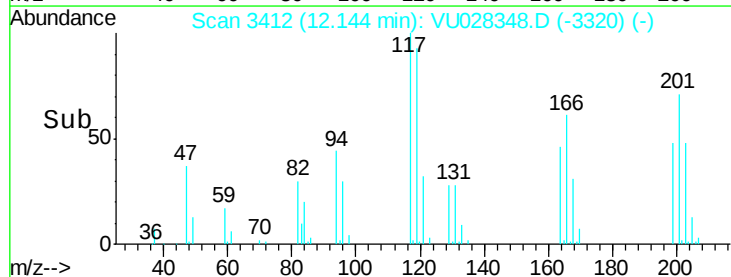
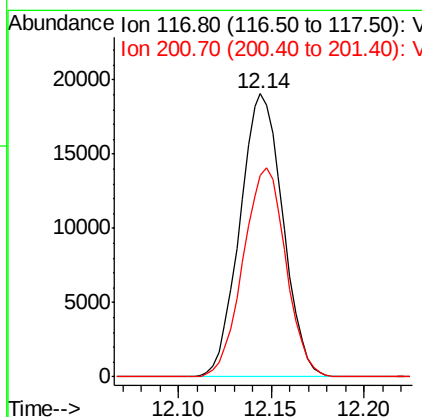
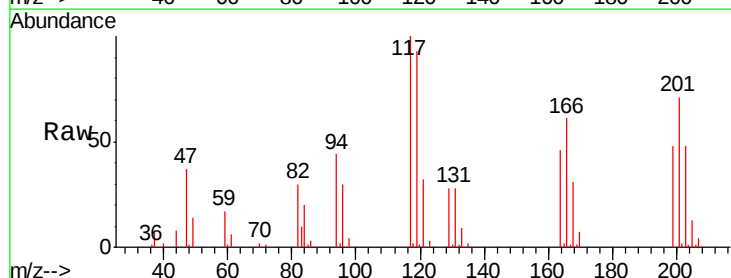
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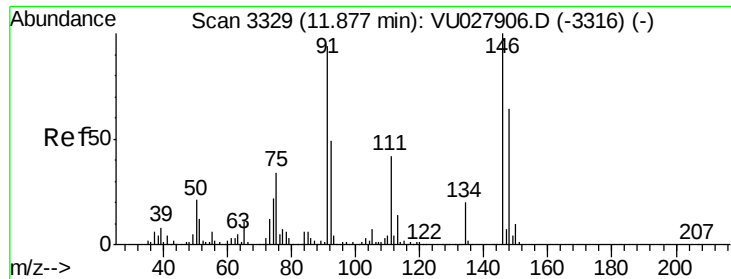
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#90
Hexachloroethane
Concen: 17.23 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	38.5	115.5





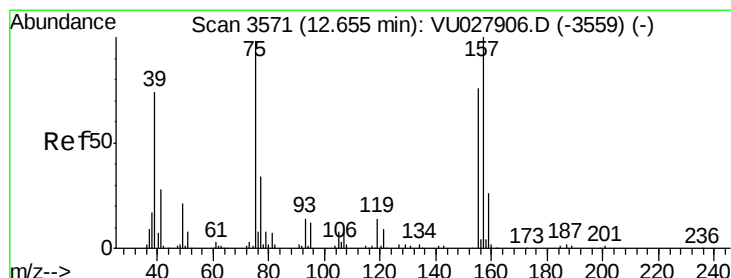
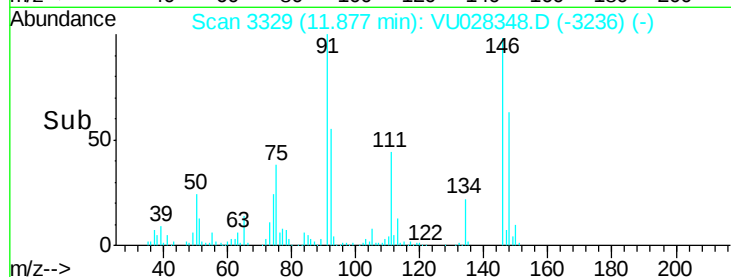
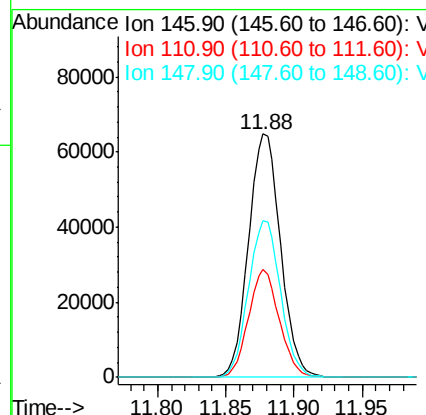
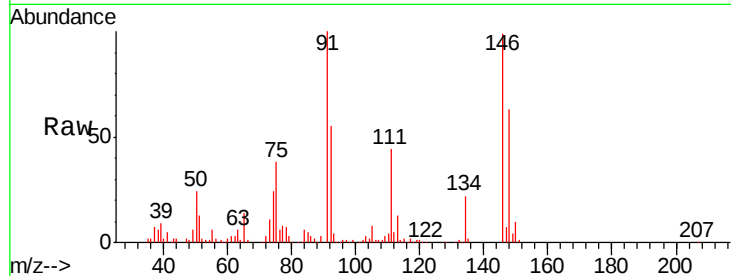
#91
 1,2-Dichlorobenzene
 Concen: 20.79 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	64.5	31.8	95.3

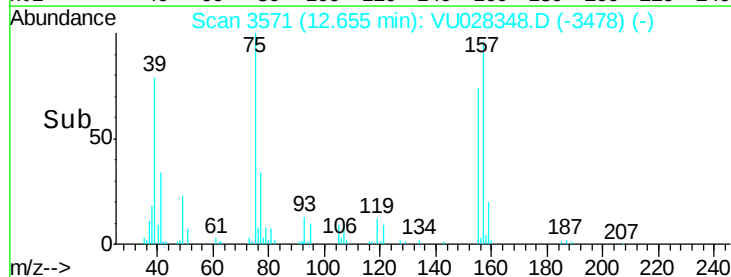
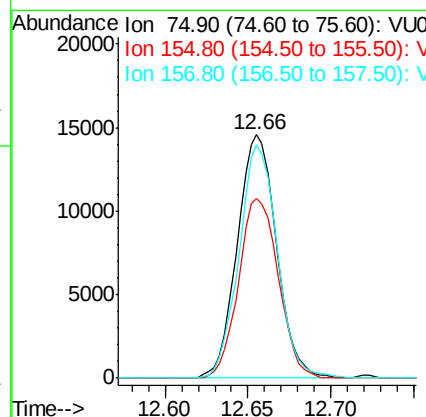
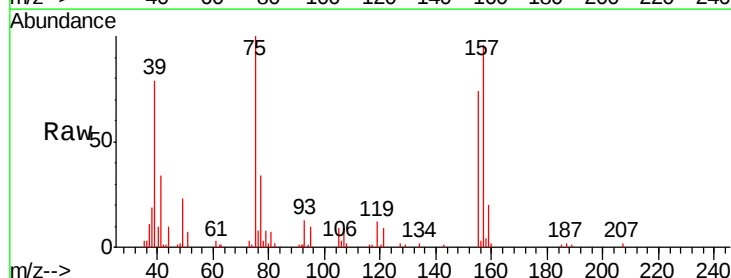
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.61 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.9	39.8	119.3
157	93.7	50.6	151.9





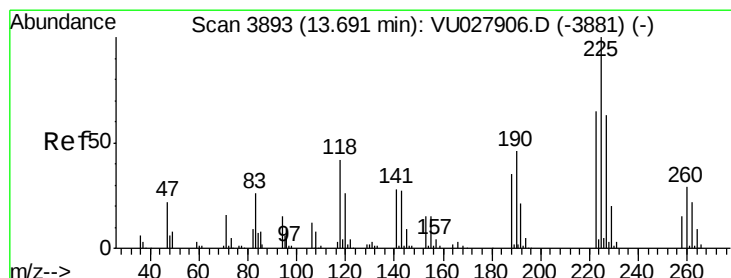
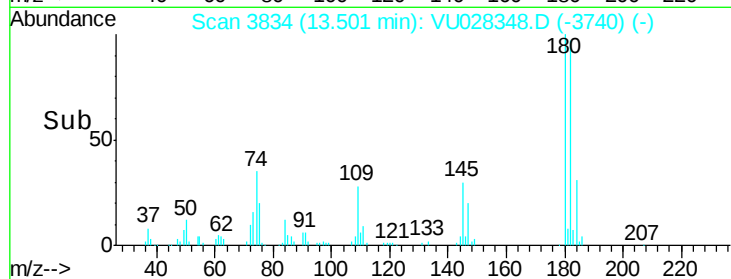
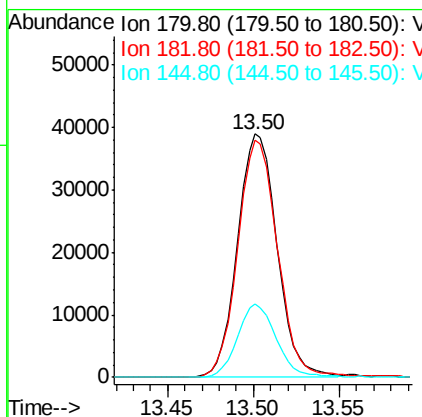
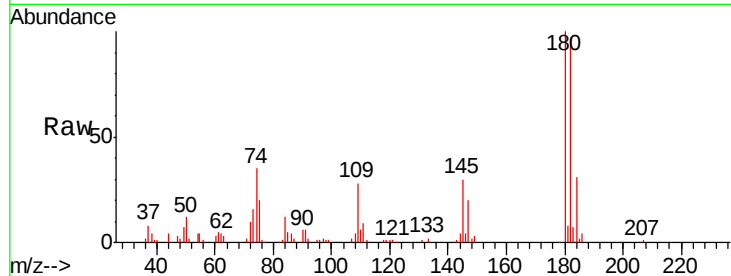
#93
 1,2,4-Trichlorobenzene
 Concen: 17.95 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.4	145.2
145	29.6	14.9	44.5

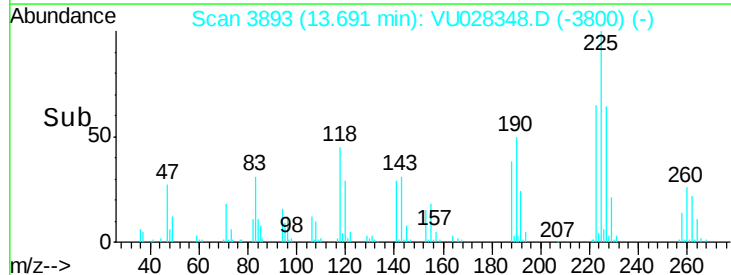
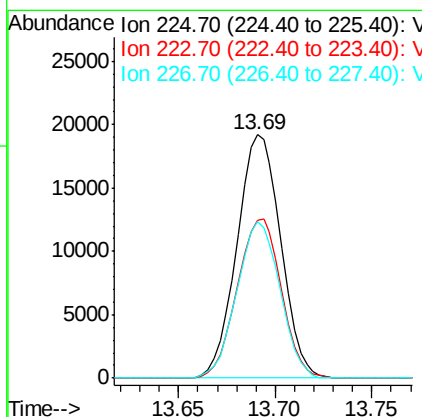
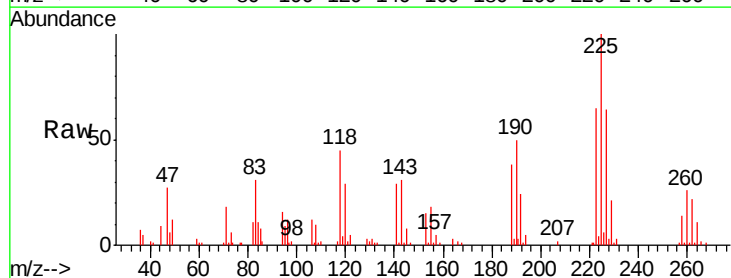
Manual Integrations
 APPROVED

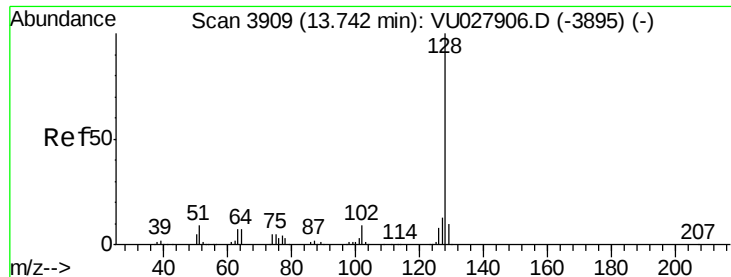
sam
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#94
 Hexachlorobutadiene
 Concen: 18.71 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU028348.D
 Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	32.2	96.6
227	63.3	32.5	97.4





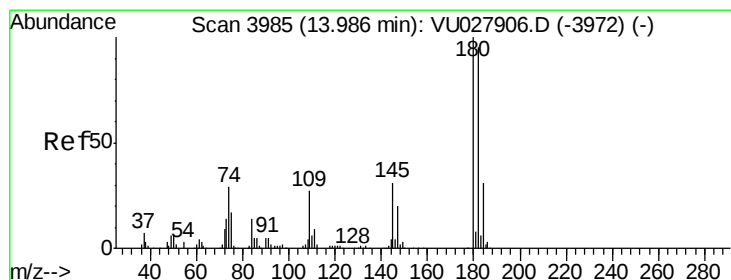
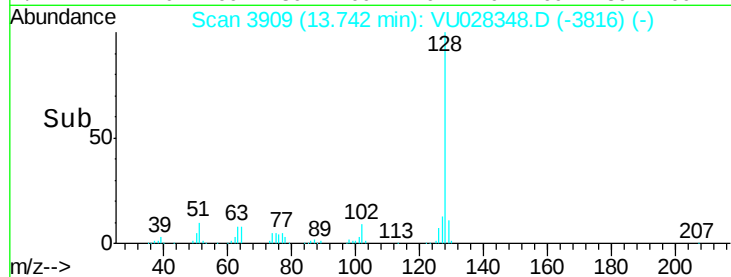
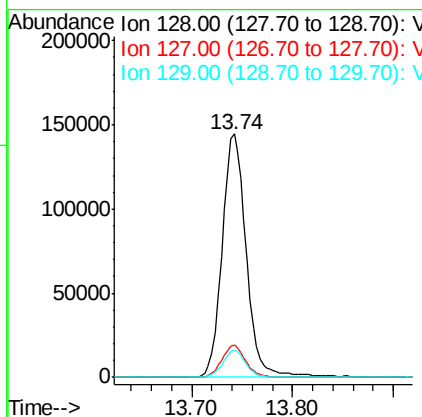
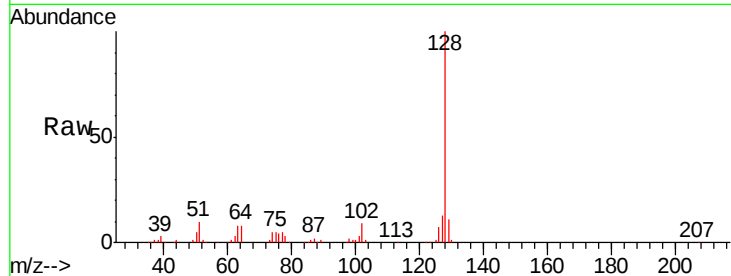
#95
Naphthalene
Concen: 19.05 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Instrument :
MSVOA_U
ClientSampleId :
VU1127WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	242005		
127	13.1	10.4	15.6	
129	10.4	8.3	12.5	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.85 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028348.D
Acq: 27 Nov 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67669		
182	93.8	47.4	142.3	
145	31.0	16.0	47.9	

