

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027599.D
 Acq On : 11 Oct 2018 15:20
 Operator : MD/SY
 Sample : VU1011WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:47 PM

Quant Time: Oct 12 09:45:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	114966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199367	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	87394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	90016	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	4.89	113	64525	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	7.57	98	246188	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	10.31	95	85234	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.21	85	23161	18.52	ug/l	97
3) Chloromethane	1.33	50	37474	19.13	ug/l	99
4) Vinyl Chloride	1.40	62	36576	19.87	ug/l	99
5) Bromomethane	1.62	94	19718	19.73	ug/l	98
6) Chloroethane	1.70	64	21874	18.68	ug/l	98
7) Trichlorofluoromethane	1.88	101	40216	19.55	ug/l	95
8) Diethyl Ether	2.11	74	18933	20.40	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24247	20.16	ug/l	99
10) Methyl Iodide	2.41	142	19675	16.43	ug/l	99
11) Tert butyl alcohol	2.83	59	42414	97.78	ug/l	99
12) 1,1-Dichloroethene	2.28	96	23606	20.01	ug/l	98
13) Acrolein	2.20	56	33766	98.12	ug/l	99
14) Allyl chloride	2.59	41	52813	18.45	ug/l	100
15) Acrylonitrile	2.94	53	107293	104.05	ug/l	98
16) Acetone	2.32	43	96485	88.93	ug/l	100
17) Carbon Disulfide	2.48	76	78121	19.31	ug/l	100
18) Methyl Acetate	2.62	43	54821	20.21	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	93683	20.63	ug/l	97
20) Methylene Chloride	2.70	84	30013	19.54	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	25958	19.91	ug/l	97
22) Diisopropyl ether	3.58	45	111300	20.30	ug/l	98
23) Vinyl Acetate	3.53	43	480997	103.73	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58345	20.10	ug/l	99
25) 2-Butanone	4.27	43	154694	100.62	ug/l	98
26) 2,2-Dichloropropane	4.23	77	42190	18.14	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	29326	20.28	ug/l	99
28) Bromochloromethane	4.55	49	31122	21.73	ug/l	98
29) Tetrahydrofuran	4.64	42	100980	104.73	ug/l	99
30) Chloroform	4.68	83	52545	20.36	ug/l	98
31) Cyclohexane	5.00	56	54649	19.04	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	43826	20.13	ug/l	98
36) 1,1-Dichloropropene	5.14	75	38805	19.16	ug/l	100
37) Ethyl Acetate	4.39	43	56717	19.51	ug/l	99
38) Carbon Tetrachloride	5.14	117	36727	19.67	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	44546	19.50	ug/l	99
40) Benzene	5.39	78	120227	19.63	ug/l	100
41) Methacrylonitrile	4.55	41	30606	19.33	ug/l	98
42) 1,2-Dichloroethane	5.41	62	45252	19.99	ug/l	100
43) Isopropyl Acetate	5.55	43	85178	20.26	ug/l	100
44) Trichloroethene	6.19	130	26251	19.42	ug/l	99
45) 1,2-Dichloropropane	6.44	63	34207	19.63	ug/l	99
46) Dibromomethane	6.56	93	19847	19.35	ug/l	99
47) Bromodichloromethane	6.76	83	40440	19.60	ug/l	99
48) Methyl methacrylate	6.63	41	41575	18.99	ug/l	100
49) 1,4-Dioxane	6.62	88	16051	398.95	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	283789	100.39	ug/l	100
52) Toluene	7.64	92	69068	19.71	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	45513	19.37	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	48804	19.09	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	28372	19.63	ug/l	98
56) Ethyl methacrylate	8.02	69	45720	18.57	ug/l	99
57) 1,3-Dichloropropane	8.24	76	54223	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137326	96.08	ug/l	99
59) 2-Hexanone	8.36	43	219782	99.66	ug/l	99
60) Dibromochloromethane	8.48	129	27970	19.36	ug/l	100
61) 1,2-Dibromoethane	8.59	107	28821	18.93	ug/l	98
64) Tetrachloroethene	8.23	164	21632	19.02	ug/l	99
65) Chlorobenzene	9.12	112	72471	19.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	25971	20.00	ug/l	100
67) Ethyl Benzene	9.25	91	127164	19.52	ug/l	100
68) m/p-Xylenes	9.38	106	94464	39.72	ug/l	100
69) o-Xylene	9.78	106	46092	19.94	ug/l	97
70) Styrene	9.79	104	75270	18.47	ug/l	99
71) Bromoform	9.96	173	20757	19.23	ug/l #	99
73) Isopropylbenzene	10.17	105	124170	21.10	ug/l	100
74) N-amyl acetate	10.02	43	71380	20.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	49549	19.58	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	41345m	18.96	ug/l	
77) Bromobenzene	10.45	156	28532	19.80	ug/l	98
78) n-propylbenzene	10.59	91	146213	20.47	ug/l	100
79) 2-Chlorotoluene	10.66	91	89531	20.43	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	103105	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	17406m	18.42	ug/l	
82) 4-Chlorotoluene	10.77	91	100321	20.49	ug/l	100
83) tert-Butylbenzene	11.10	119	98468	20.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	105056	19.56	ug/l	100
85) sec-Butylbenzene	11.32	105	122746	19.53	ug/l	99
86) p-Isopropyltoluene	11.48	119	104578	19.27	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	51856	19.38	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	52866	18.66	ug/l	98
89) n-Butylbenzene	11.89	91	88765	17.90	ug/l	100
90) Hexachloroethane	12.15	117	19542	20.09	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	53491	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11315	20.45	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	32243	18.32	ug/l	99
94) Hexachlorobutadiene	13.69	225	16476	19.03	ug/l	98
95) Naphthalene	13.75	128	114724	18.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	33488	18.85	ug/l	99

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

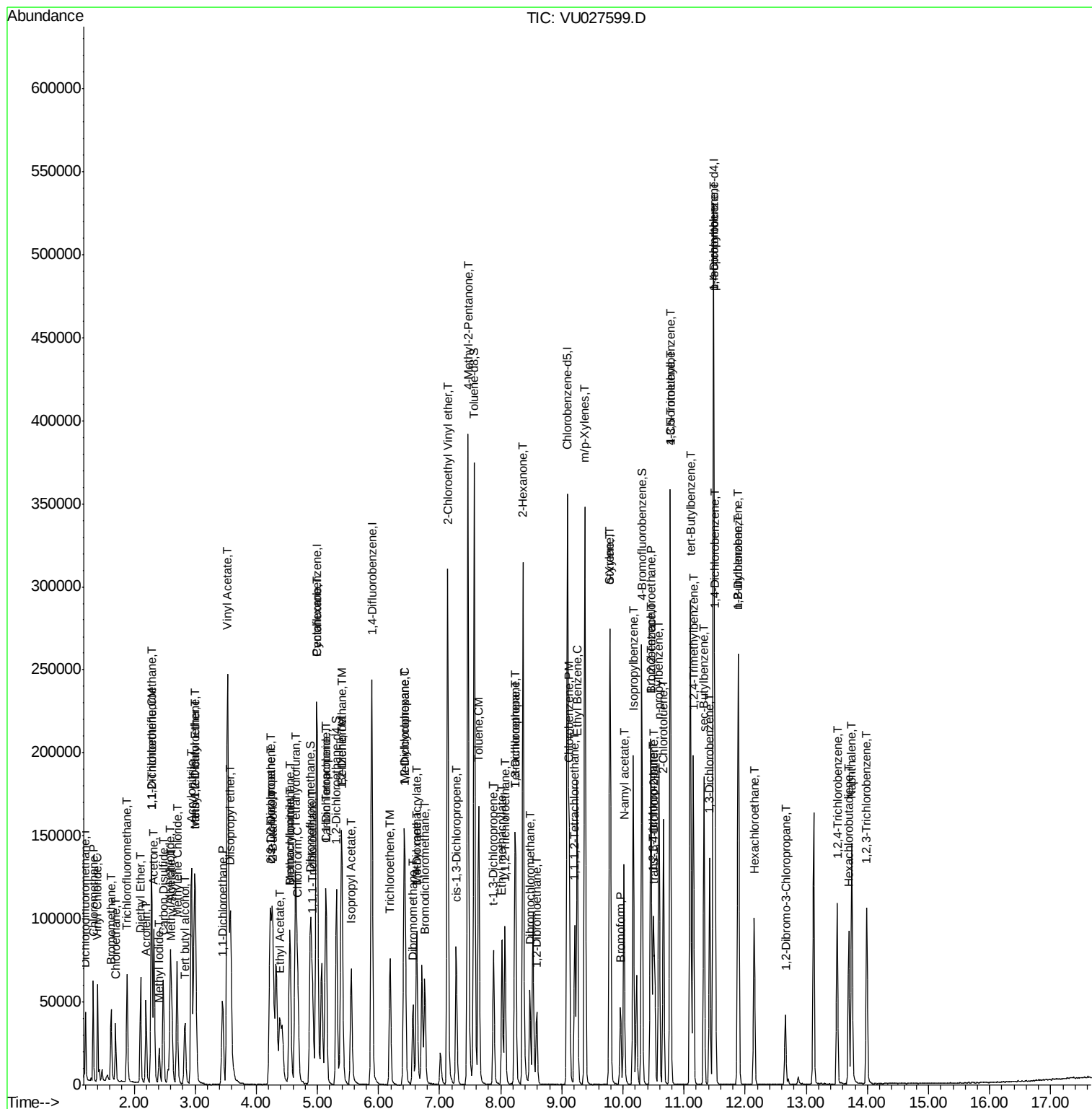
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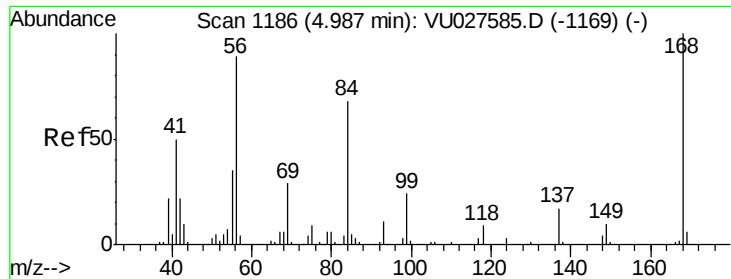
Instrument :
MSVOA_U
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 168 Resp: 114966

Ion Ratio Lower Upper

168 100

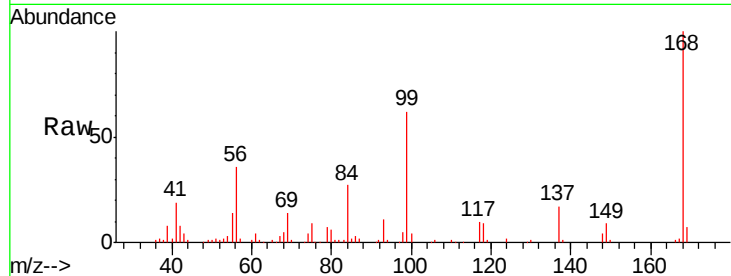
99 60.7 50.8 76.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027585.D (-1169) (-)

4.99

60000

50000

40000

30000

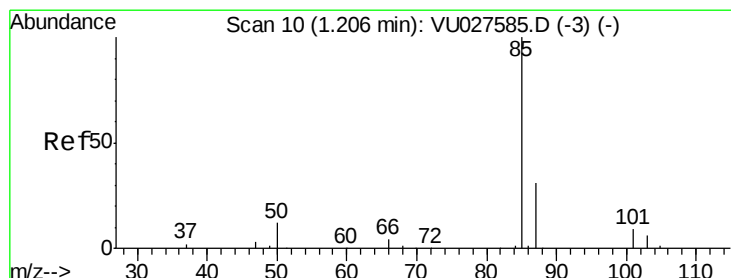
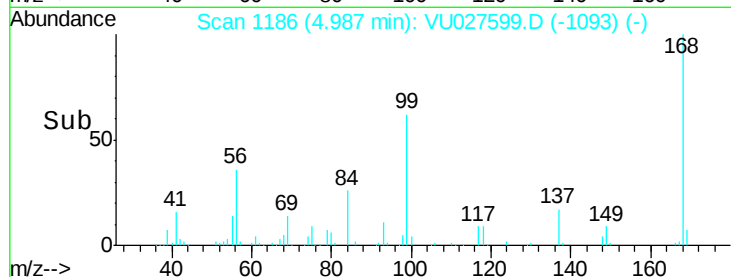
20000

10000

0

Time-->

4.90 5.00 5.10



#2

Dichlorodifluoromethane

Concen: 18.52 ug/l

RT: 1.21 min Scan# 10

Delta R.T. -0.00 min

Lab File: VU027599.D

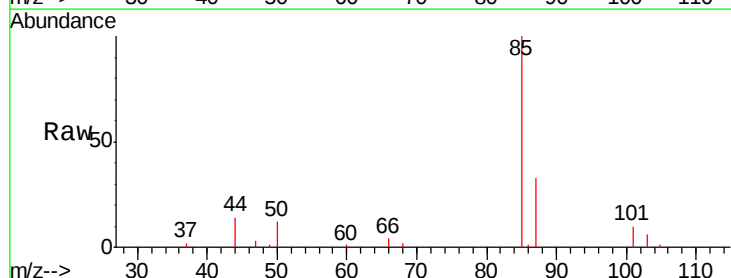
Acq: 11 Oct 2018 15:20

Tgt Ion: 85 Resp: 23161

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027585.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027585.D (-3) (-)

1.21

25000

20000

15000

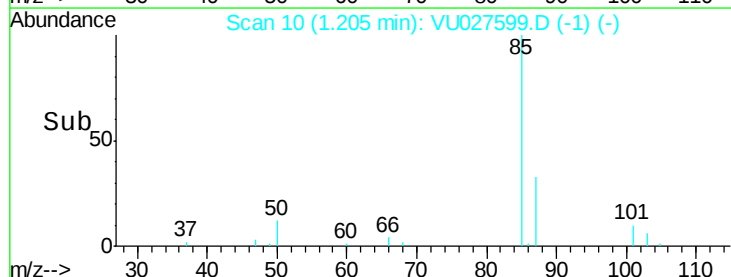
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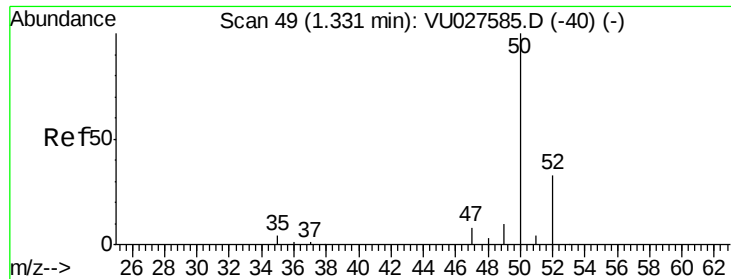
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.13 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 50 Resp: 37474

Ion Ratio Lower Upper

50 100

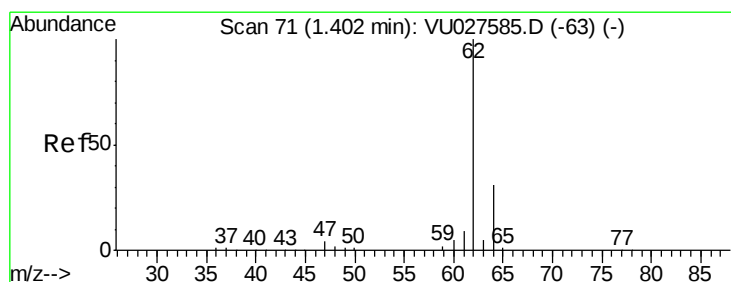
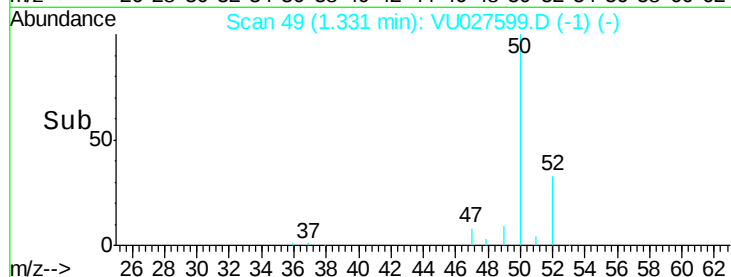
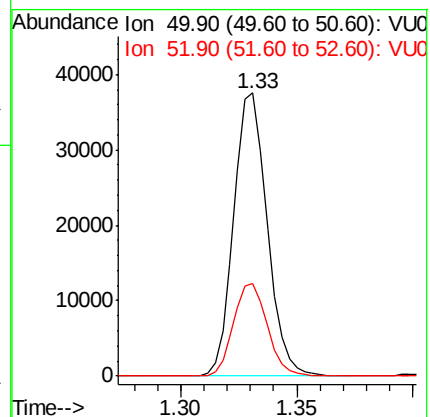
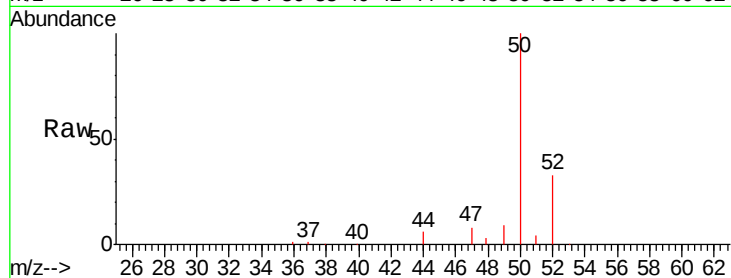
52 32.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.87 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027599.D

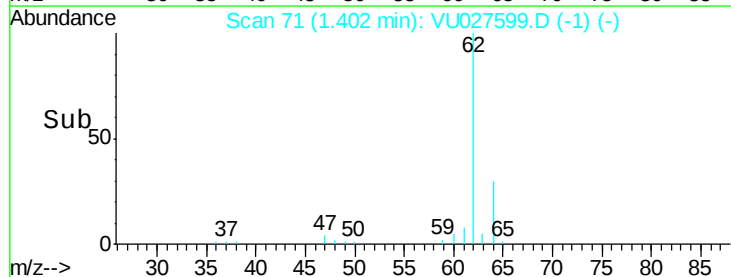
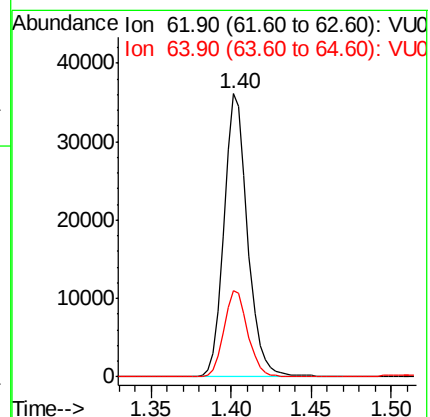
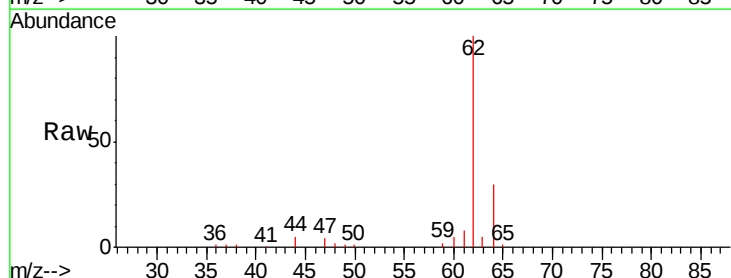
Acq: 11 Oct 2018 15:20

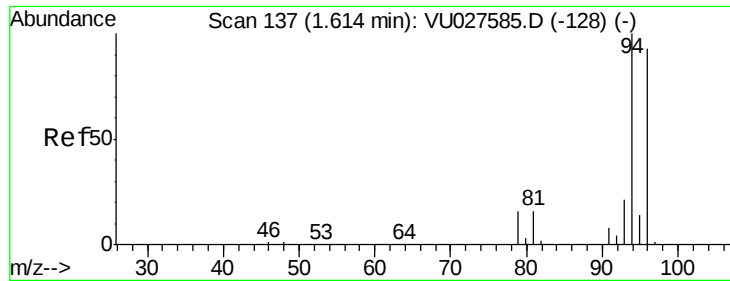
Tgt Ion: 62 Resp: 36576

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 19.73 ug/l

RT: 1.62 min Scan# 140

Delta R.T. 0.01 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 94 Resp: 19718

Ion Ratio Lower Upper

94 100

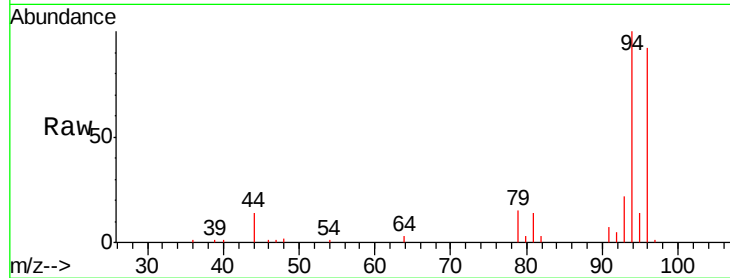
96 91.7 74.6 111.8

Manual Integrations

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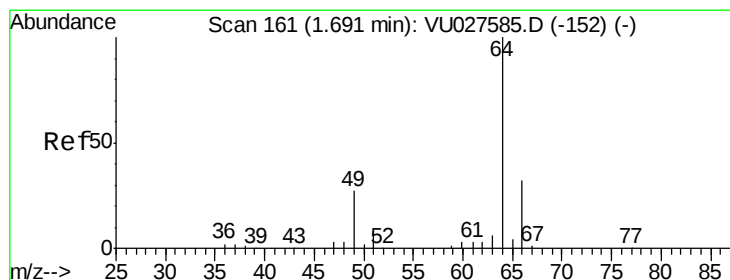
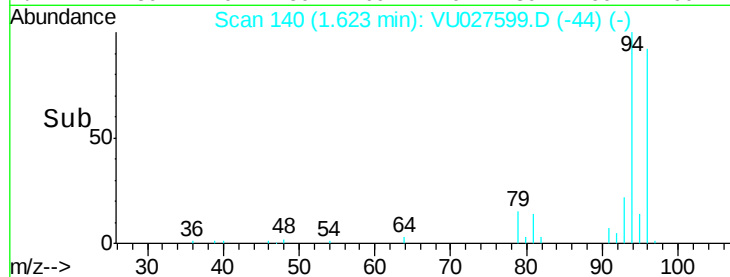
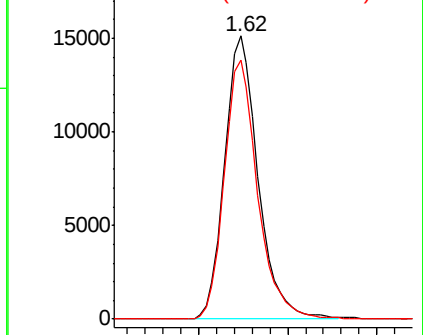
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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 18.68 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.01 min

Lab File: VU027599.D

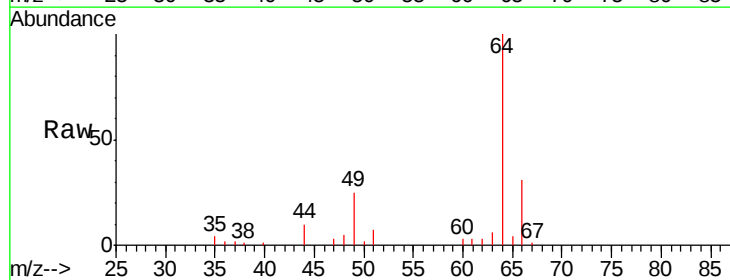
Acq: 11 Oct 2018 15:20

Tgt Ion: 64 Resp: 21874

Ion Ratio Lower Upper

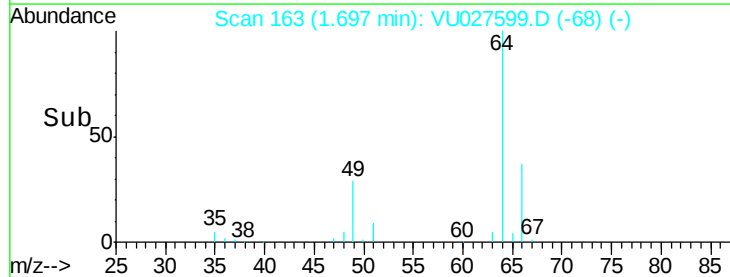
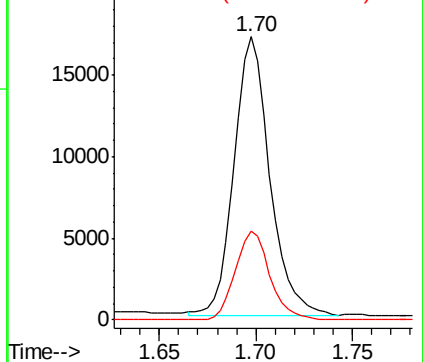
64 100

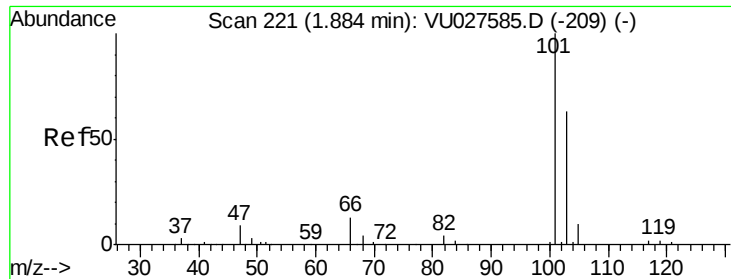
66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#7

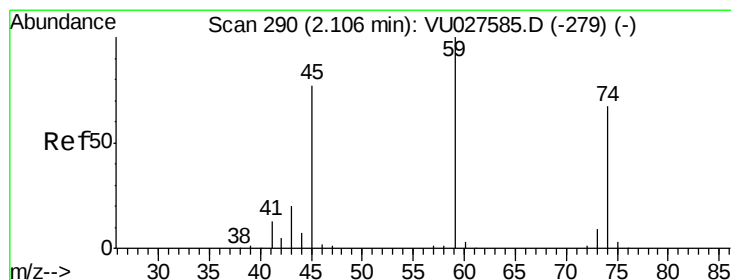
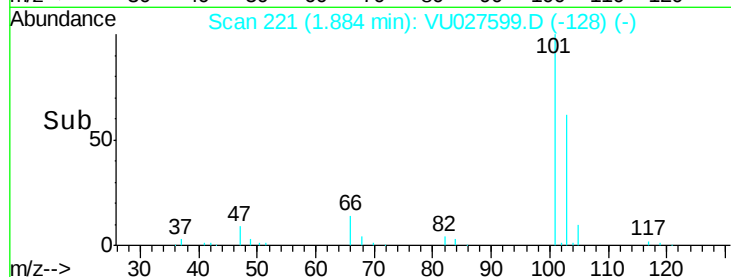
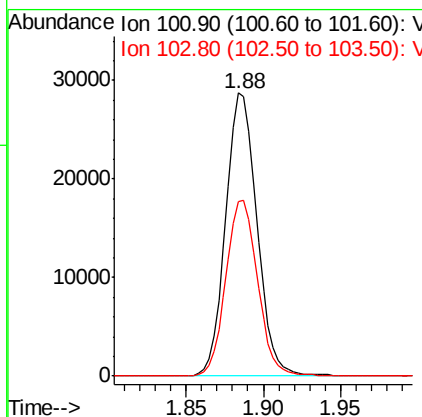
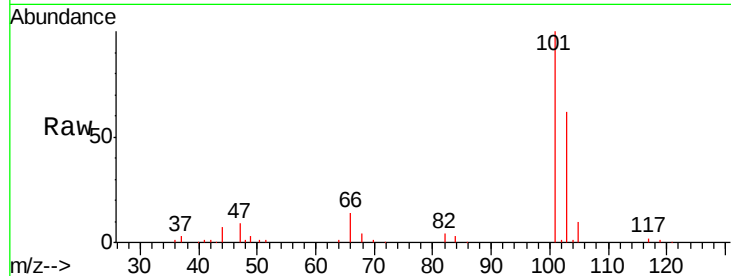
Trichlorofluoromethane
Concen: 19.55 ug/l
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 101 Resp: 40216
Ion Ratio Lower Upper
101 100
103 61.7 52.6 78.8

Manual Integrations
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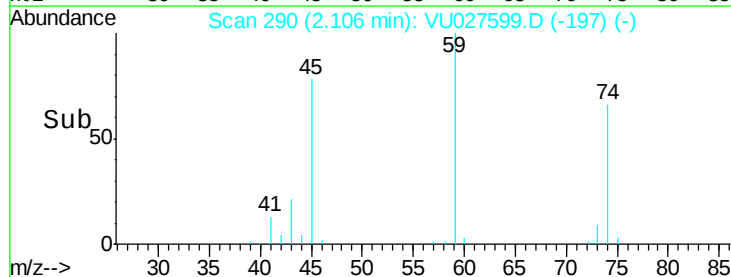
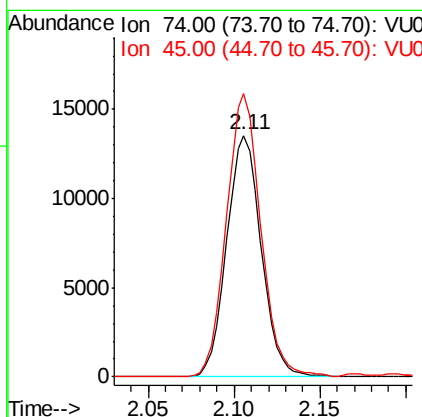
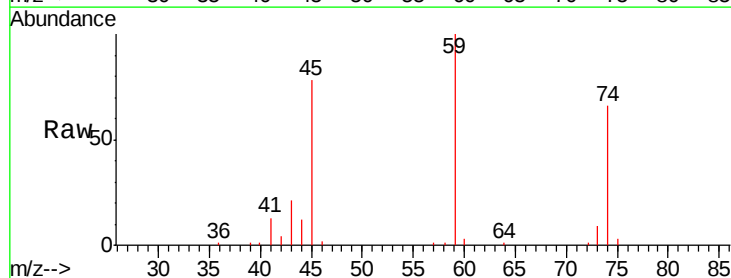
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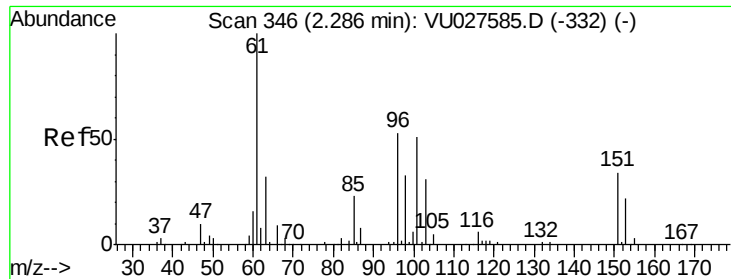


#8

Diethyl Ether
Concen: 20.40 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 74 Resp: 18933
Ion Ratio Lower Upper
74 100
45 116.8 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.16 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

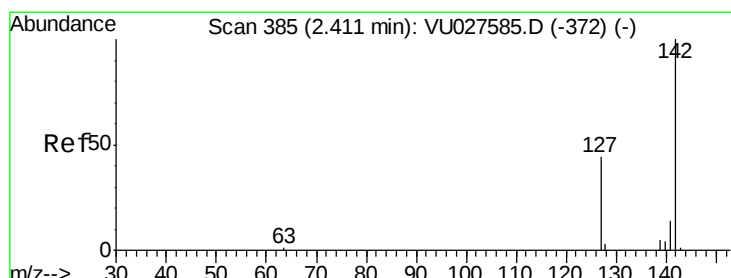
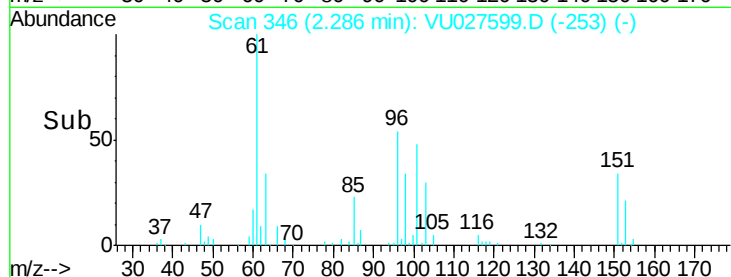
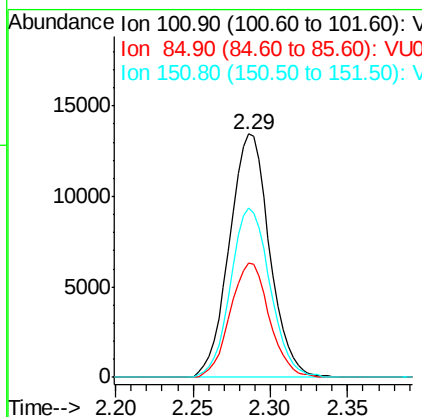
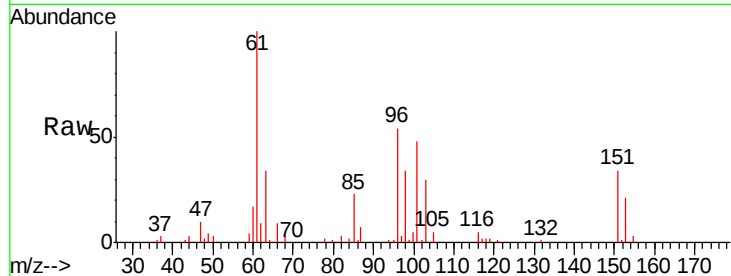
ClientSampleId :

VU1011WBSD01

Tgt Ion:	101	Resp:	24247
Ion Ratio	Lower	Upper	
101	100		
85	45.7	37.5	56.3
151	68.5	55.6	83.4

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#10

Methyl Iodide

Concen: 16.43 ug/l

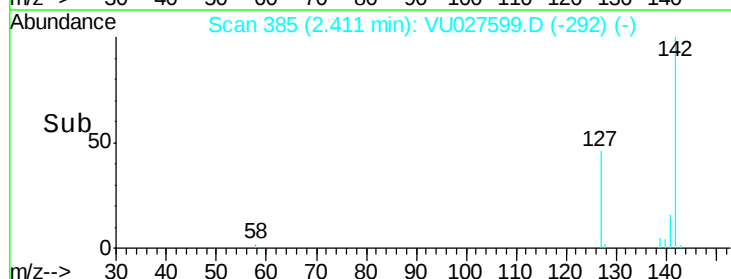
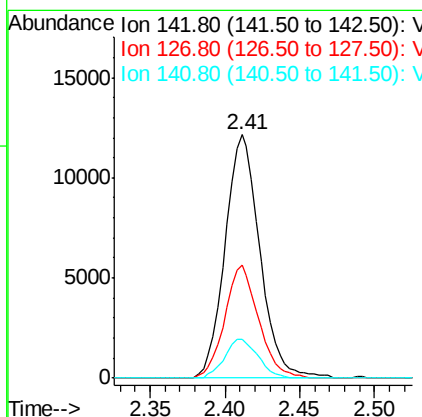
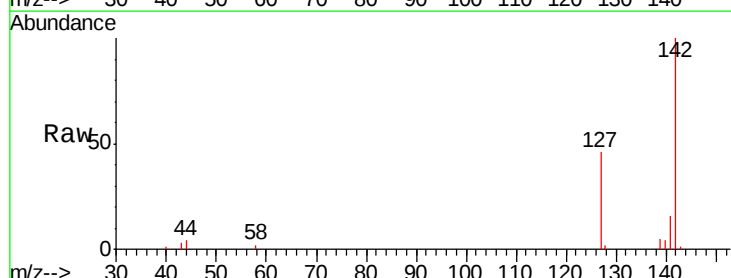
RT: 2.41 min Scan# 385

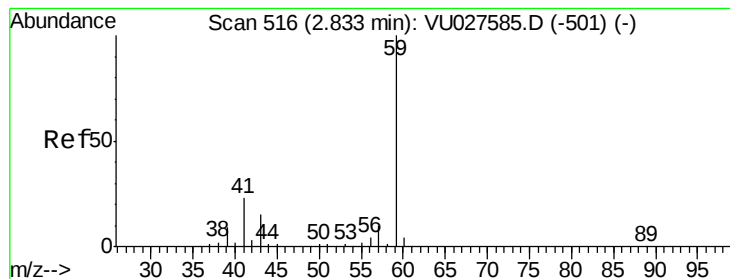
Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion:	142	Resp:	19675
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.3	54.5
141	15.3	11.6	17.4





#11

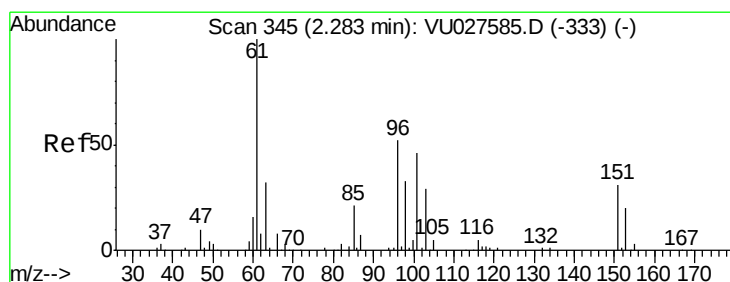
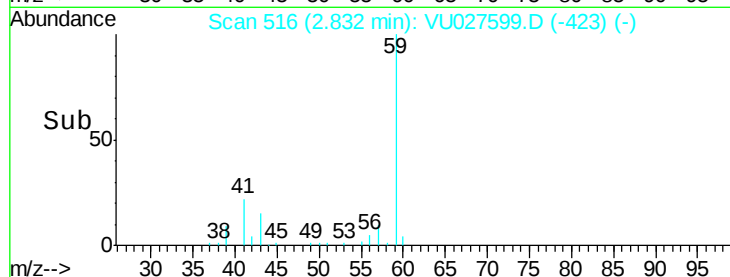
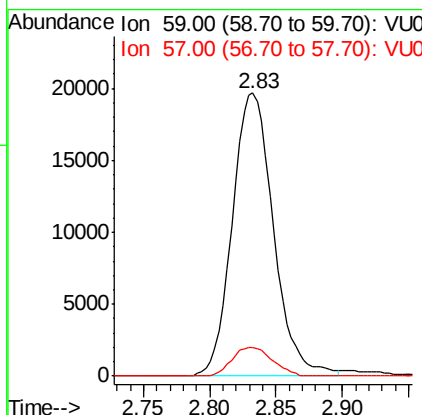
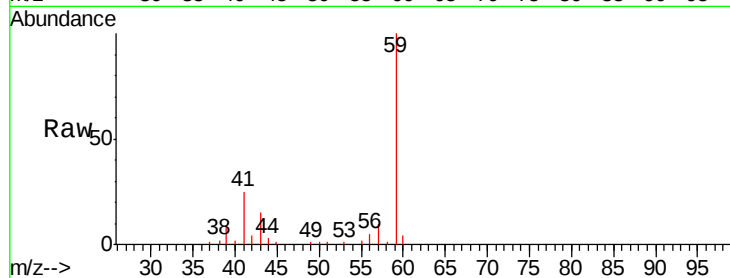
Tert butyl alcohol
Concen: 97.78 ug/l
RT: 2.83 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

Manual Integrations
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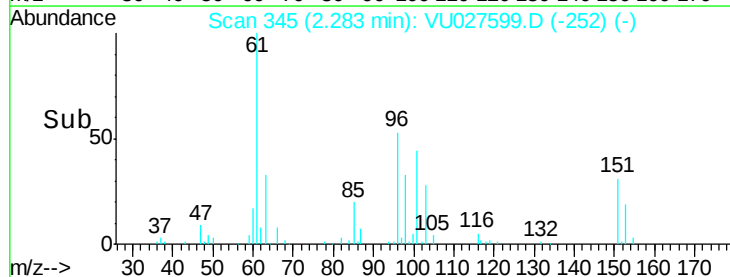
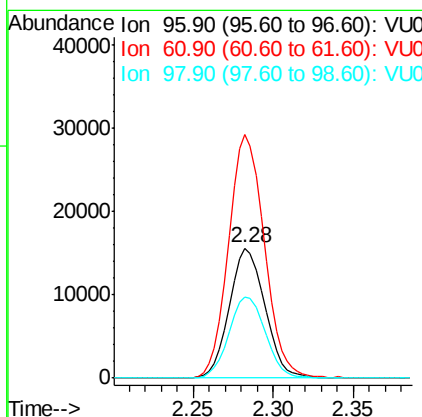
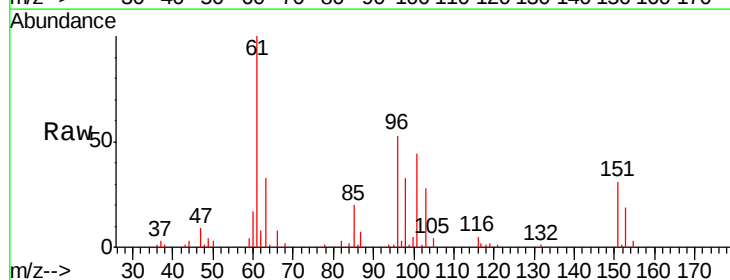
MMDadoda
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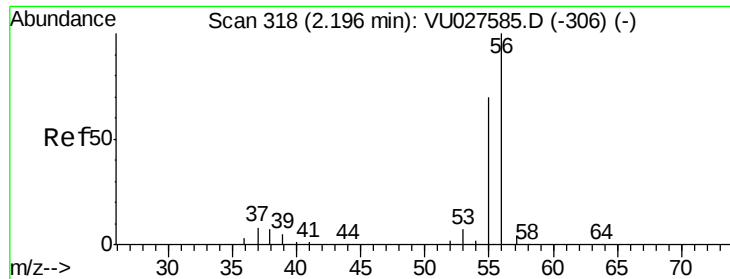


#12

1,1-Dichloroethene
Concen: 20.01 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.7	153.0	229.6
98	62.9	49.3	73.9





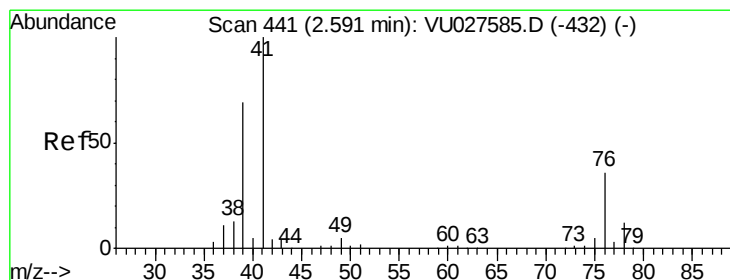
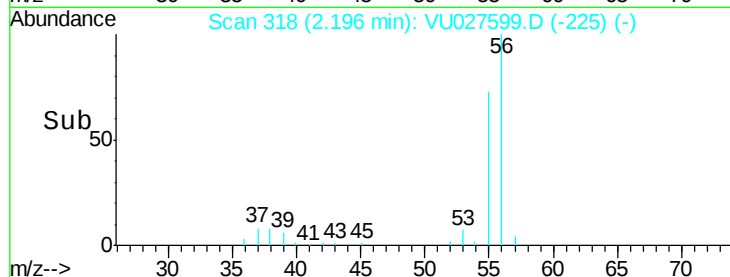
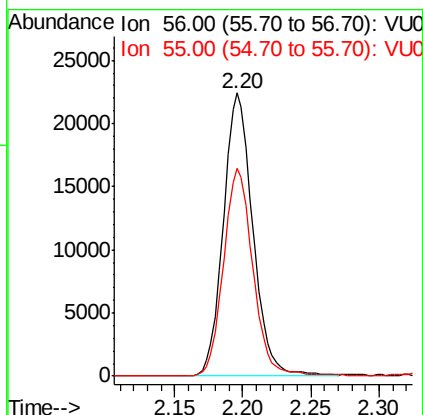
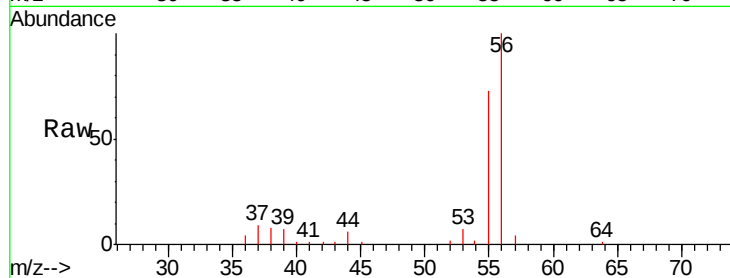
#13
Acrolein
Concen: 98.12 ug/l
RT: 2.20 min Scan# 318
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 56 Resp: 33766
Ion Ratio Lower Upper
56 100
55 72.6 57.7 86.5

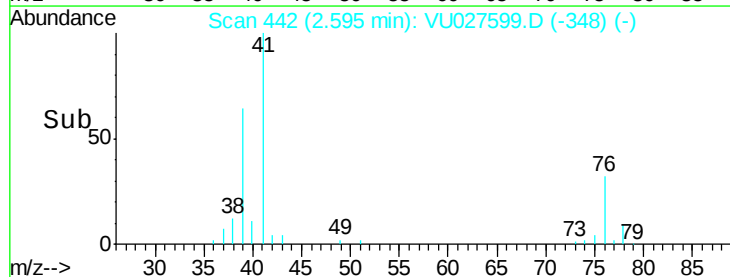
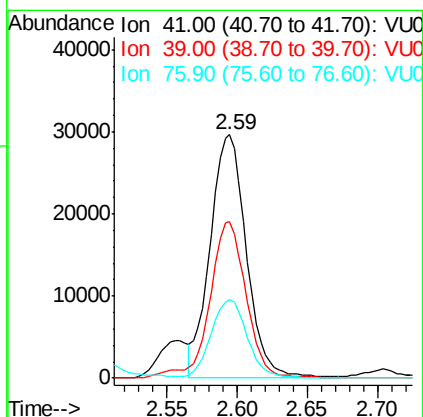
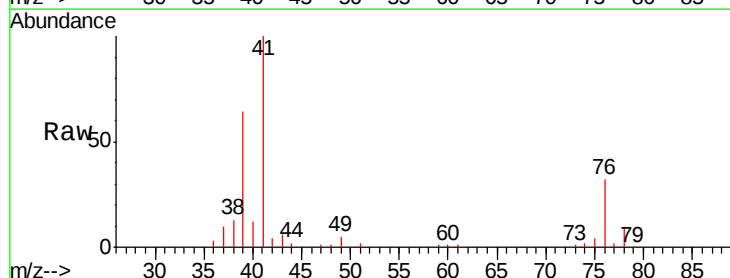
Manual Integrations
APPROVED

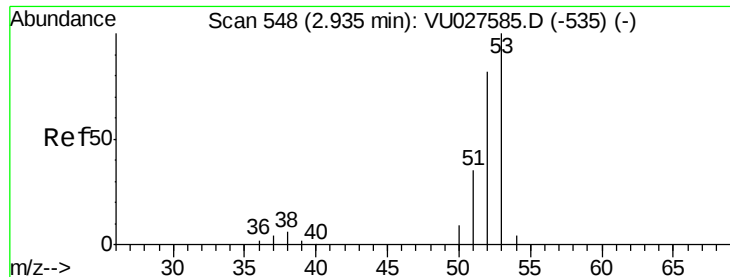
MMDadoda
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#14
Allyl chloride
Concen: 18.45 ug/l
RT: 2.59 min Scan# 442
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 41 Resp: 52813
Ion Ratio Lower Upper
41 100
39 64.7 51.8 77.8
76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 104.05 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

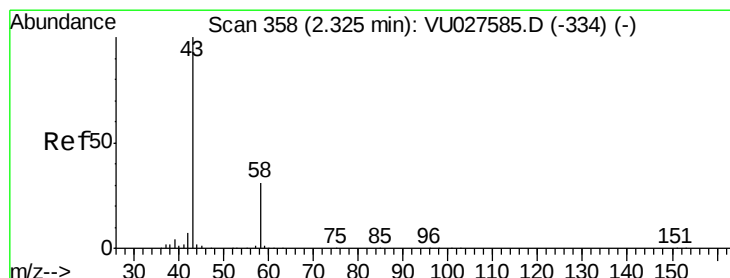
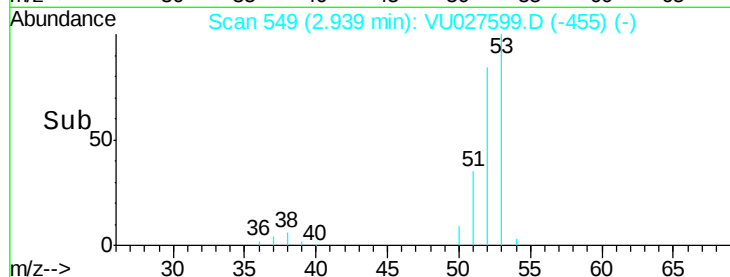
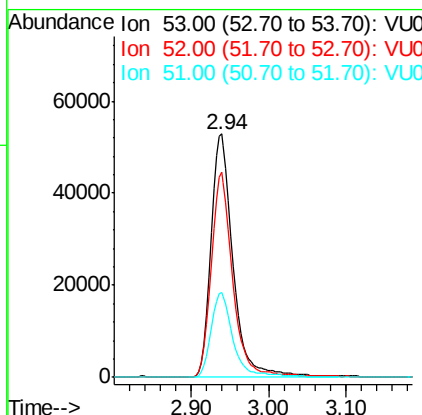
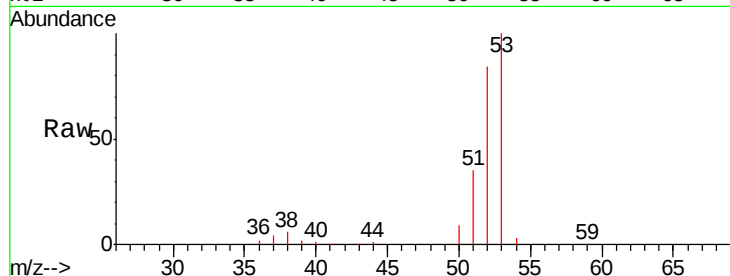
ClientSampleId :

VU1011WBSD01

Tgt Ion:	53	Resp:	107293
Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.5	99.7
51	35.2	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 88.93 ug/l

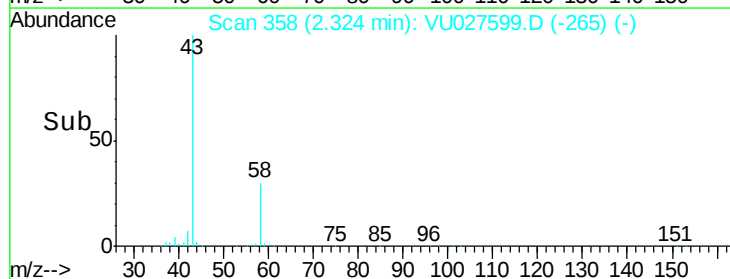
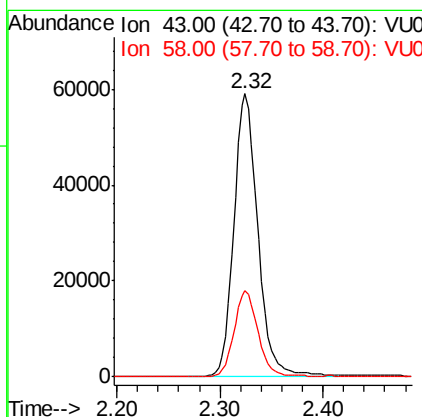
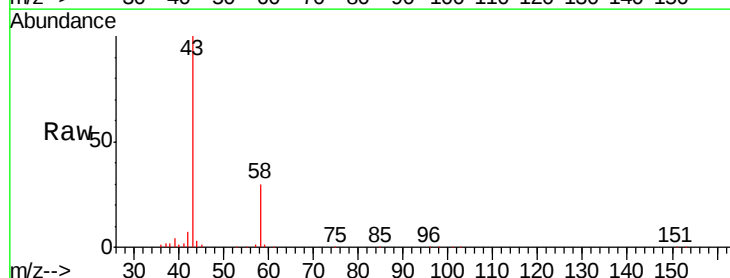
RT: 2.32 min Scan# 358

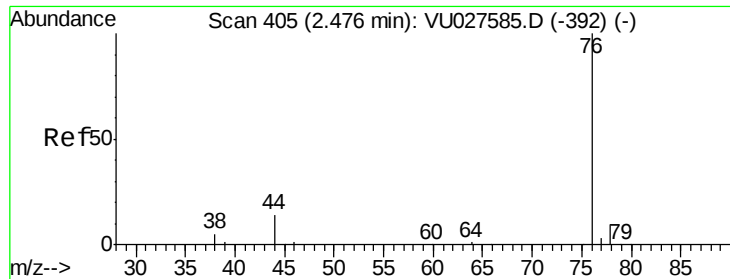
Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion:	43	Resp:	96485
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.2	36.4





#17

Carbon Disulfide

Concen: 19.31 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 76 Resp: 78121

Ion Ratio Lower Upper

76 100

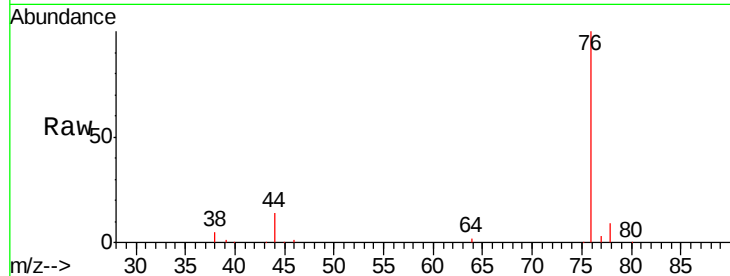
78 9.2 7.3 10.9

Manual Integrations

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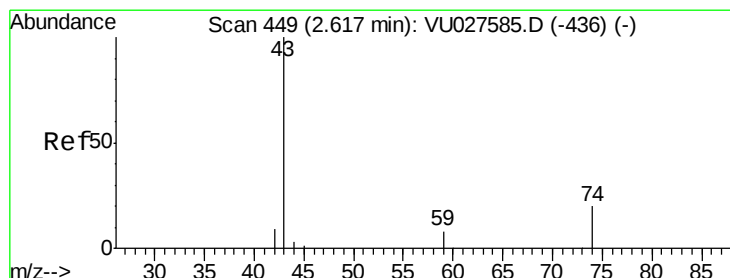
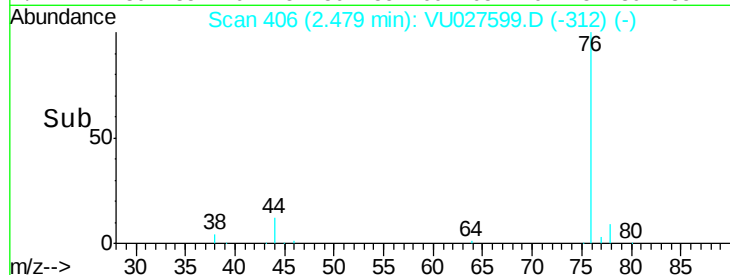
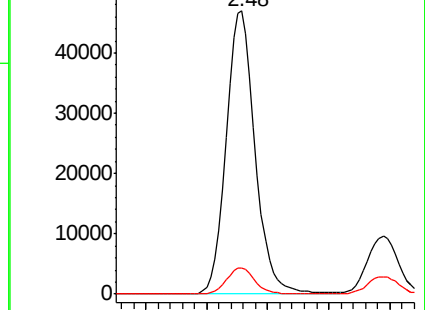
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VU027585.D (-392) (-)

Ion 77.90 (77.60 to 78.60): VU027599.D (-312) (-)



#18

Methyl Acetate

Concen: 20.21 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027599.D

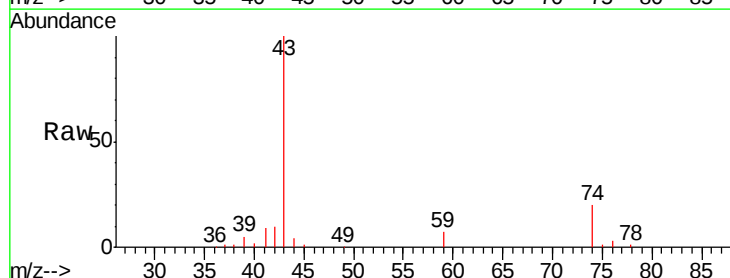
Acq: 11 Oct 2018 15:20

Tgt Ion: 43 Resp: 54821

Ion Ratio Lower Upper

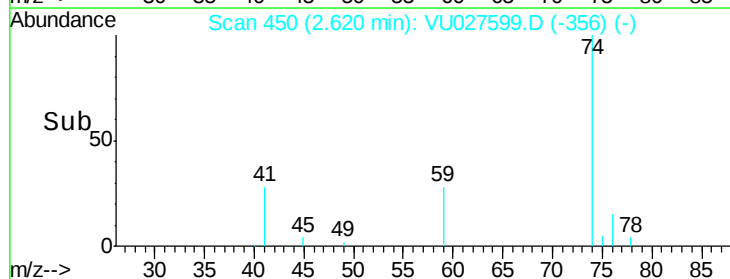
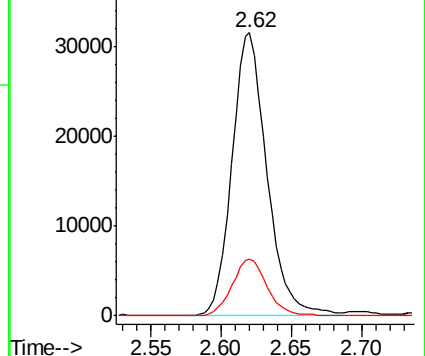
43 100

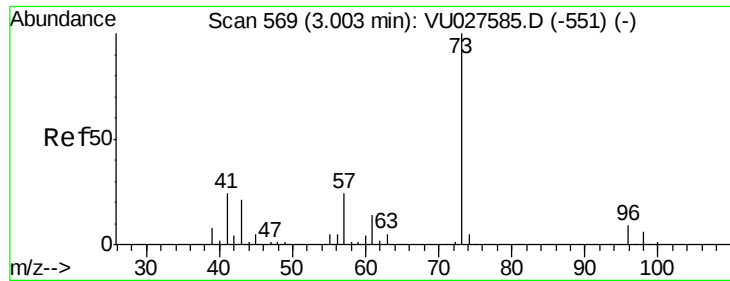
74 20.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VU027585.D (-436) (-)

Ion 74.00 (73.70 to 74.70): VU027599.D (-356) (-)





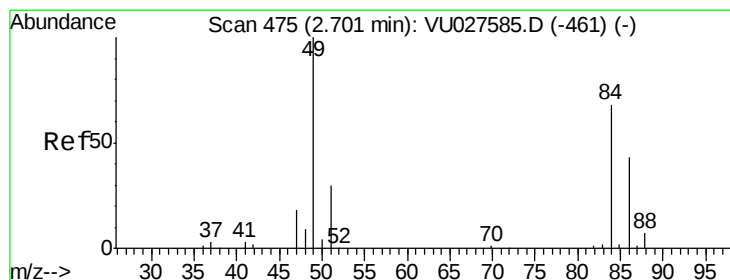
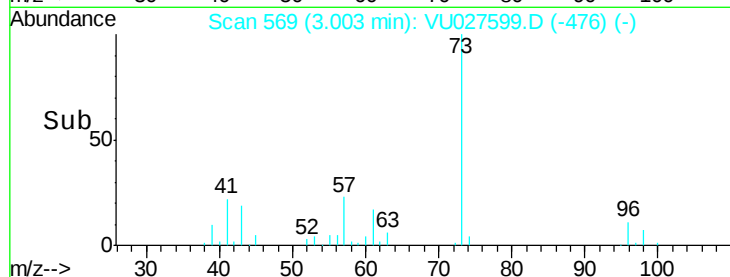
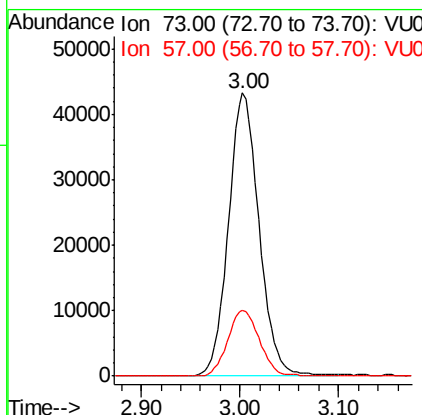
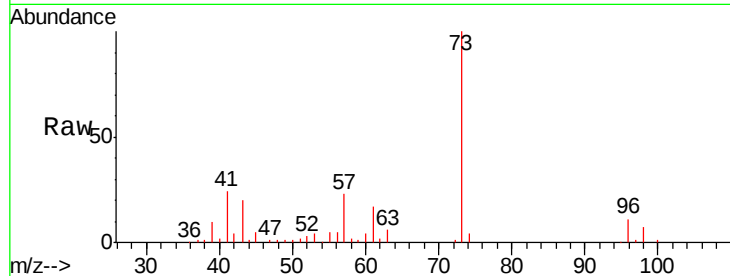
#19
Methyl tert-butyl Ether
Concen: 20.63 ug/l
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 73 Resp: 93683
Ion Ratio Lower Upper
73 100
57 23.3 20.0 30.0

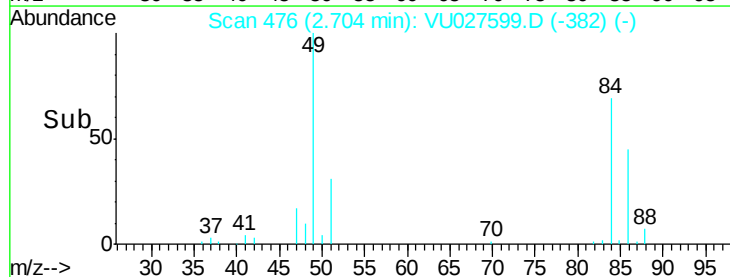
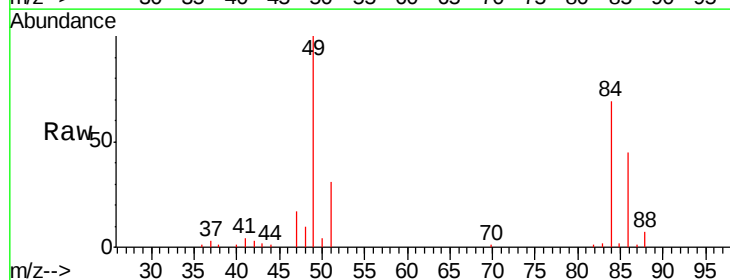
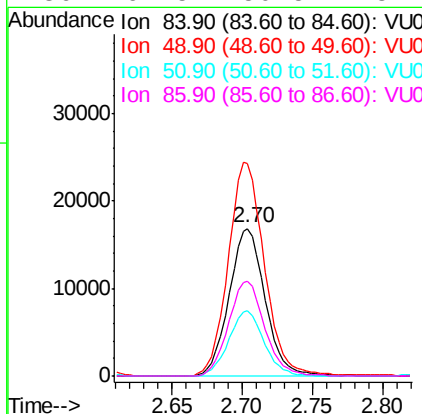
Manual Integrations
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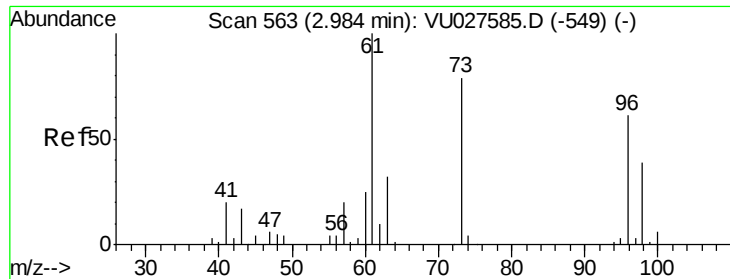
MMDadoda
10/16/2018 2:22:47 PM



#20
Methylene Chloride
Concen: 19.54 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 84 Resp: 30013
Ion Ratio Lower Upper
84 100
49 144.3 120.5 180.7
51 44.3 35.1 52.7
86 64.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.91 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 96 Resp: 25958

Ion Ratio Lower Upper

96 100

61 166.2 129.4 194.2

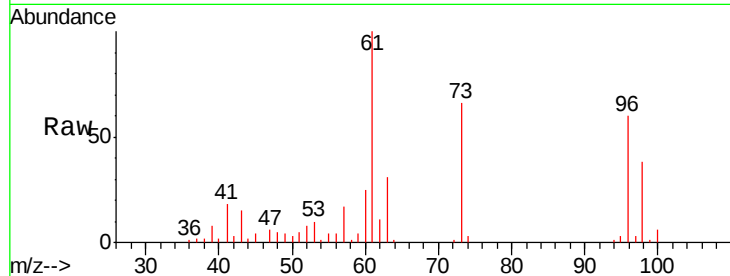
98 62.7 51.2 76.8

Manual Integrations

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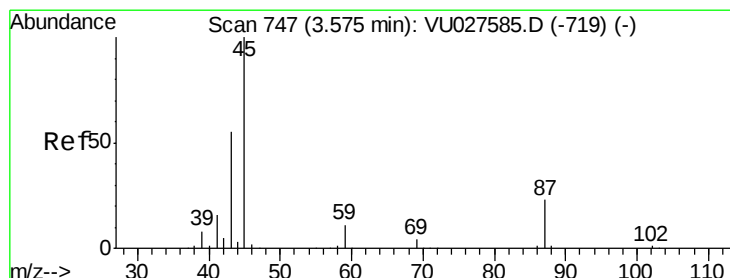
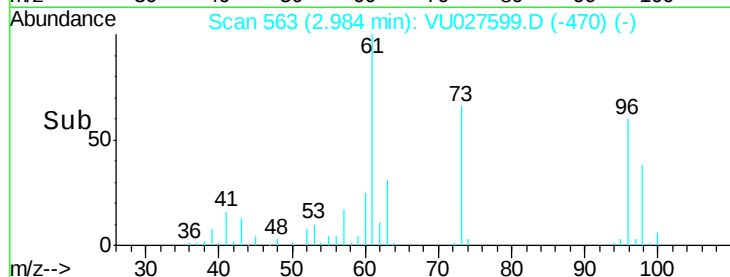
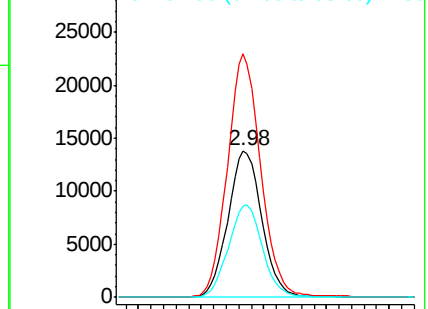


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 20.30 ug/l

RT: 3.58 min Scan# 748

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion: 45 Resp: 111300

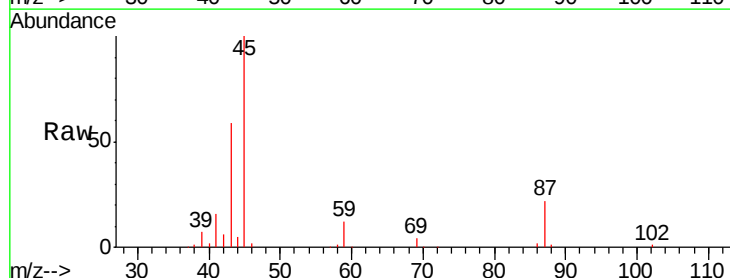
Ion Ratio Lower Upper

45 100

43 56.4 43.4 65.2

87 21.9 17.5 26.3

59 11.6 8.6 13.0



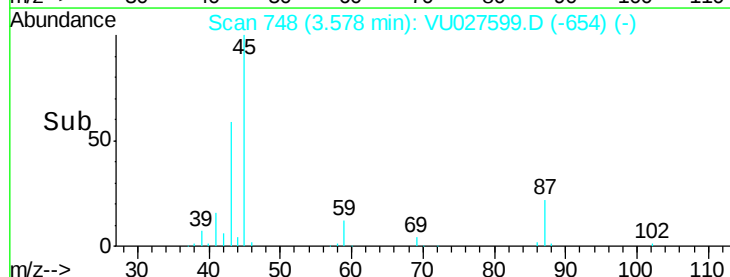
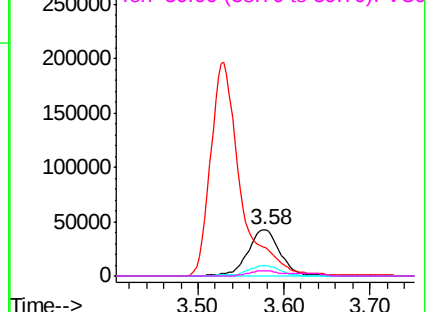
Abundance

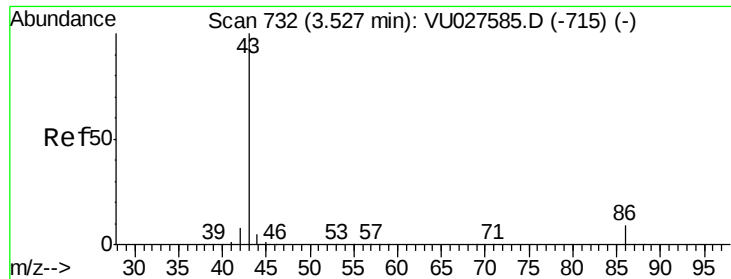
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





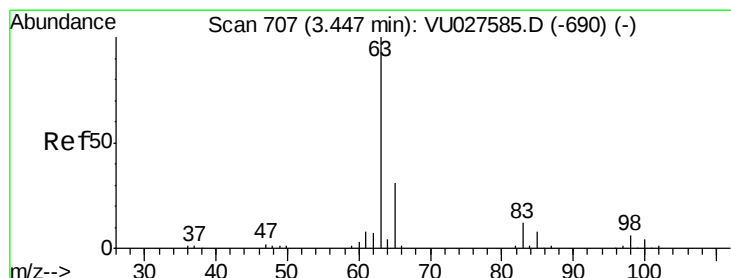
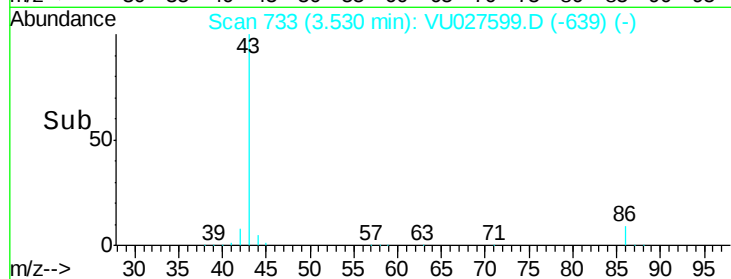
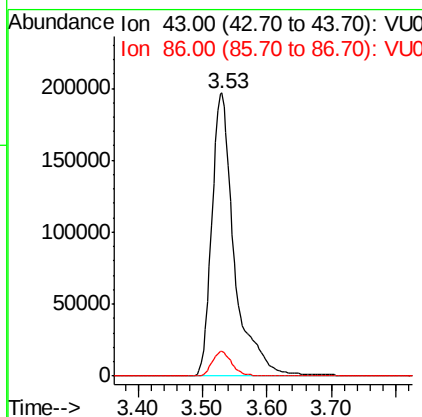
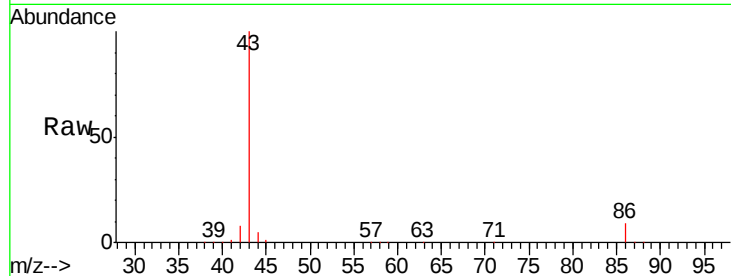
#23
 Vinyl Acetate
 Concen: 103.73 ug/l
 RT: 3.53 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion: 43 Resp: 480997
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.0 10.4

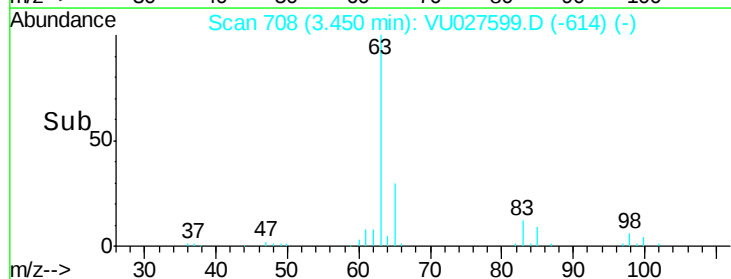
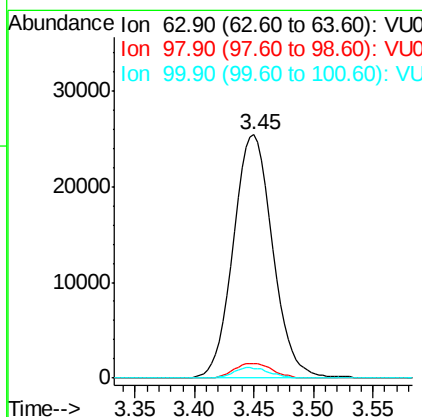
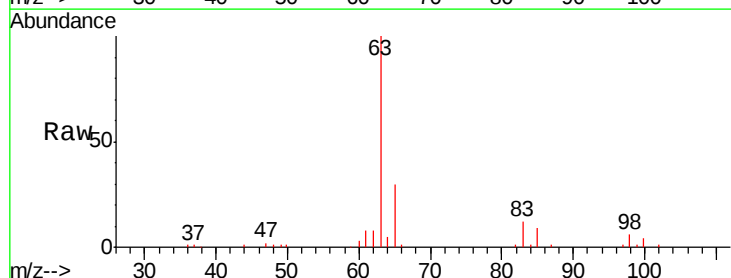
Manual Integrations
 APPROVED

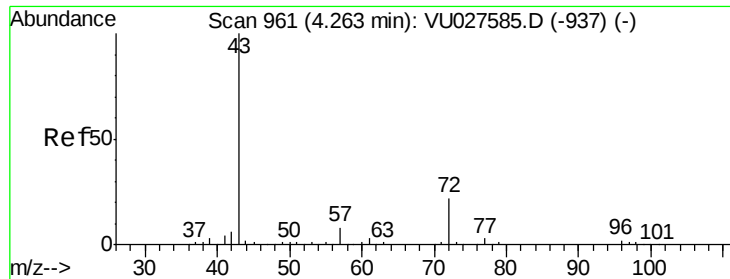
MMDadoda
 10/16/2018 2:22:47 PM



#24
 1,1-Dichloroethane
 Concen: 20.10 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion: 63 Resp: 58345
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 100.62 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 43 Resp: 154694

Ion Ratio Lower Upper

43 100

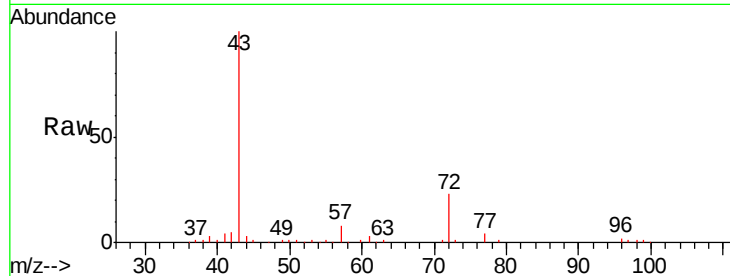
72 23.0 17.8 26.6

Manual Integrations

APPROVED

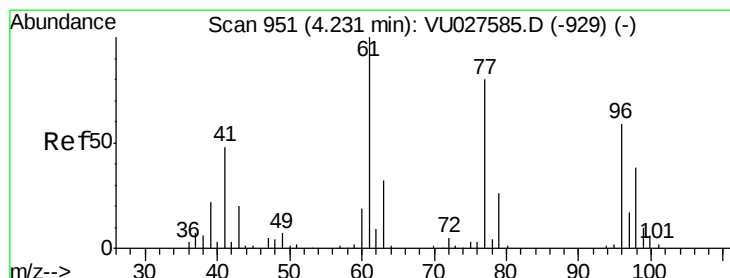
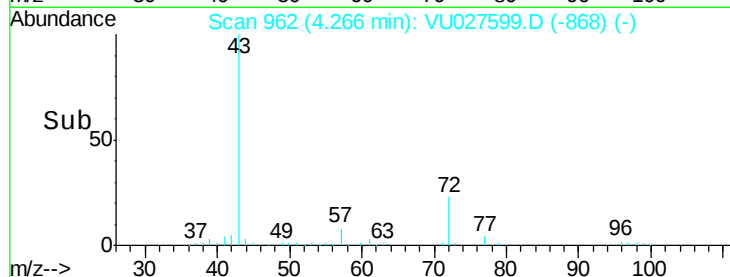
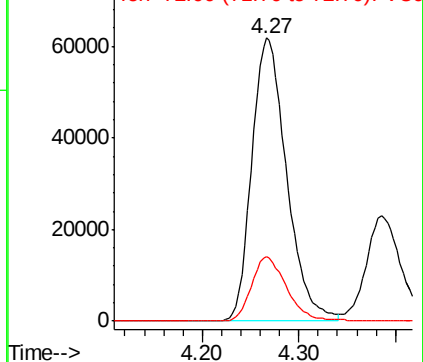
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 18.14 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027599.D

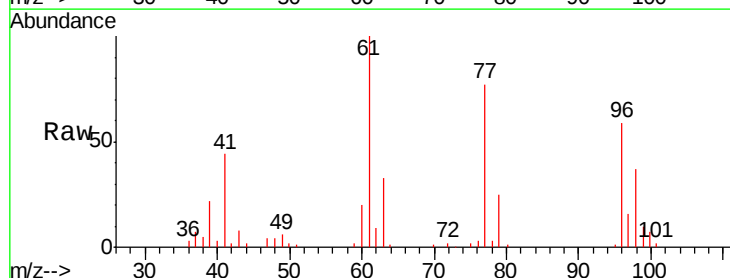
Acq: 11 Oct 2018 15:20

Tgt Ion: 77 Resp: 42190

Ion Ratio Lower Upper

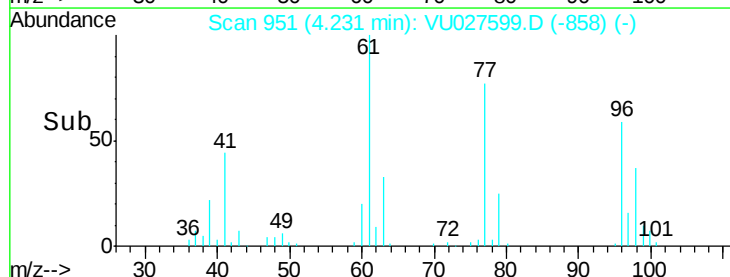
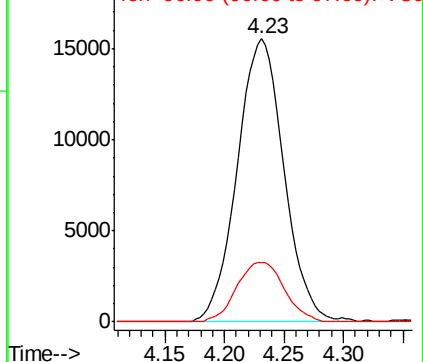
77 100

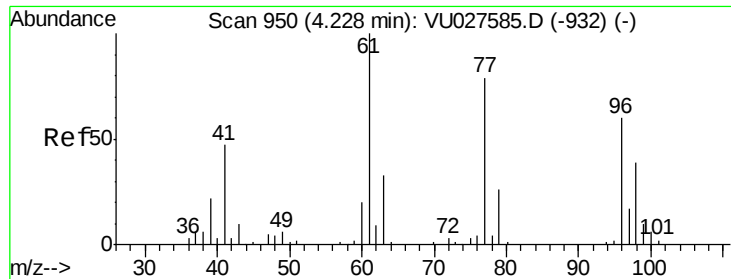
97 21.5 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 20.28 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

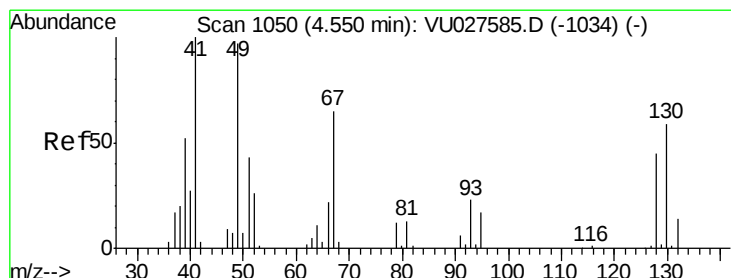
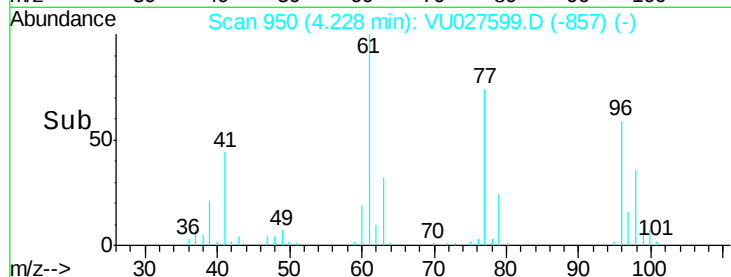
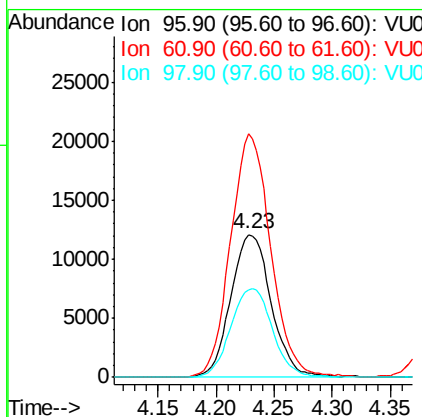
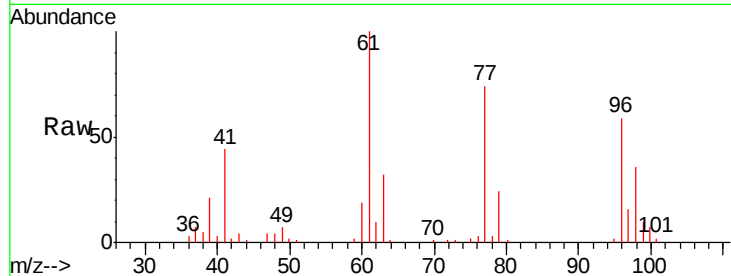
ClientSampleId :

VU1011WBSD01

Tgt Ion:	96	Resp:	29326
Ion	Ratio	Lower	Upper
96	100		
61	169.7	0.0	343.8
98	64.0	0.0	129.0

Manual Integrations
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#28

Bromochloromethane

Concen: 21.73 ug/l

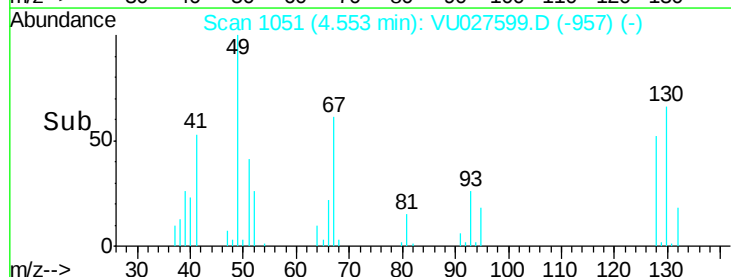
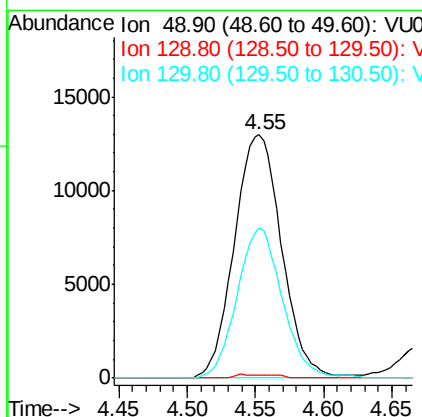
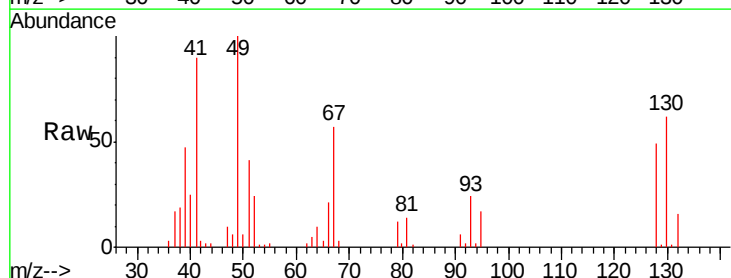
RT: 4.55 min Scan# 1051

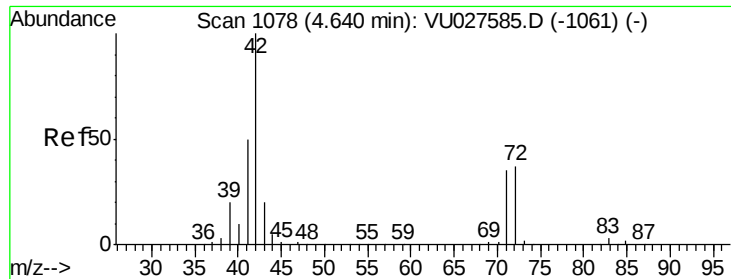
Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion:	49	Resp:	31122
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.0
130	59.4	46.1	69.1





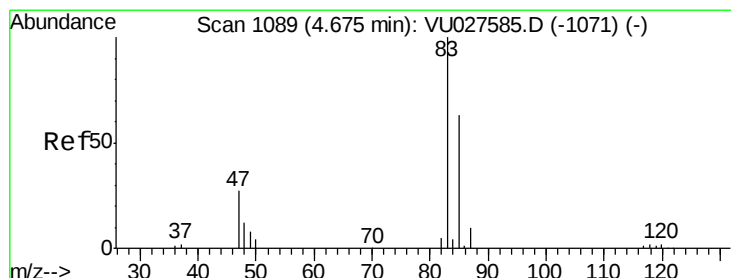
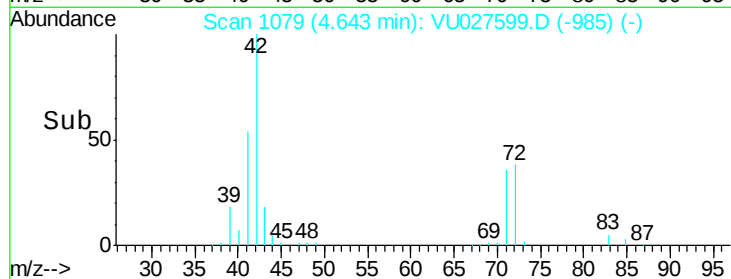
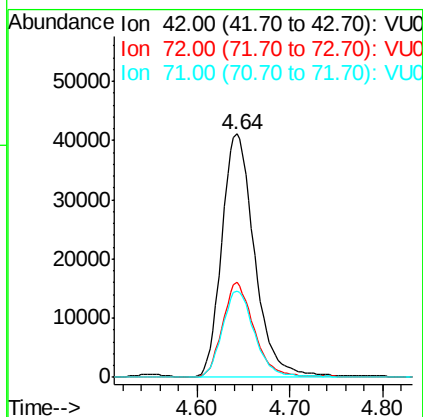
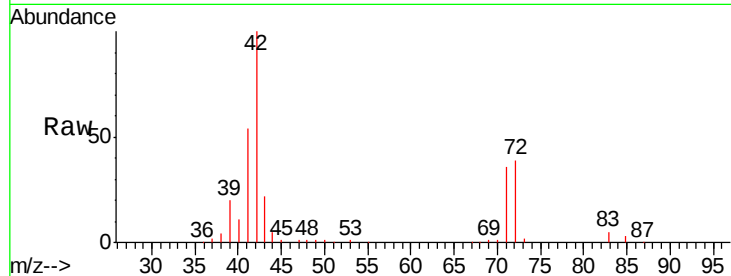
#29
Tetrahydrofuran
Concen: 104.73 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.1	45.1
71	35.0	27.7	41.5

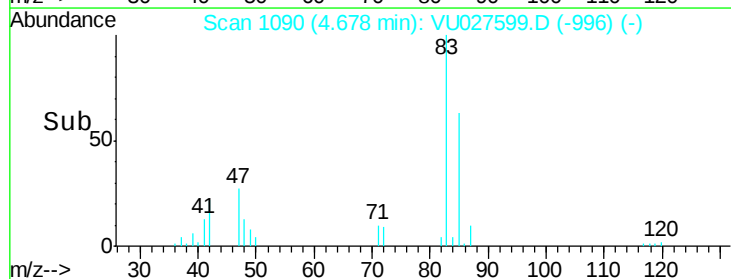
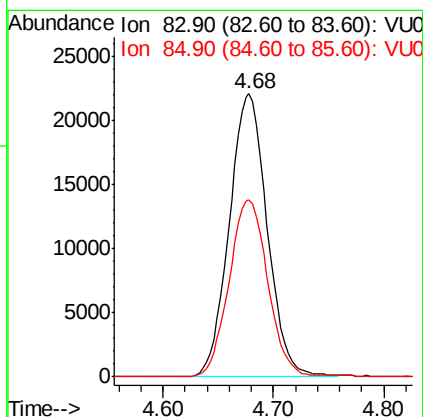
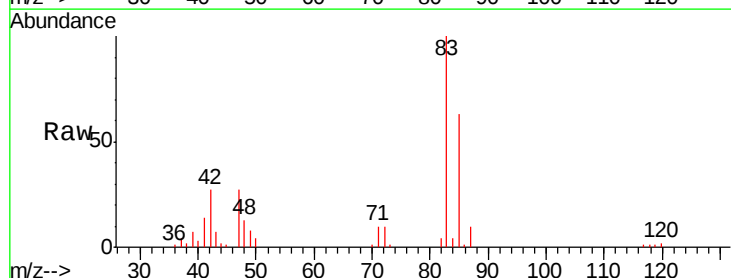
Manual Integrations
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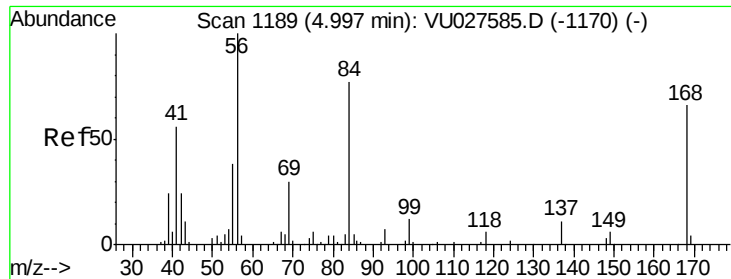
MMDadoda
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#30
Chloroform
Concen: 20.36 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.6





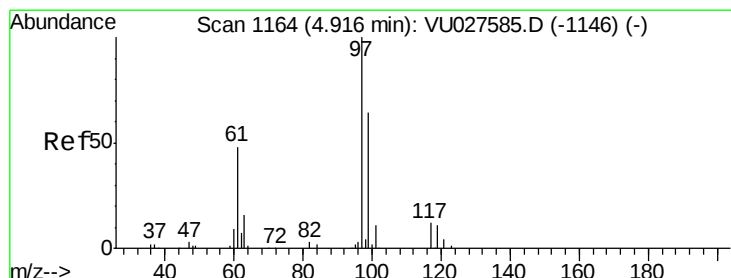
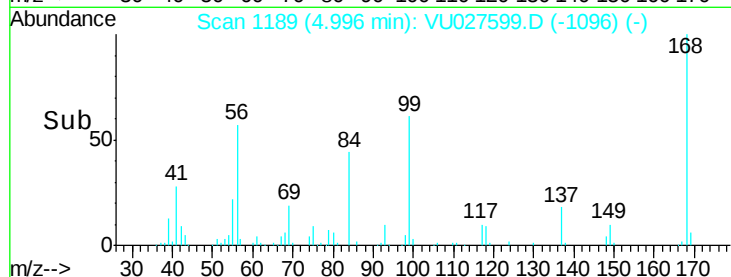
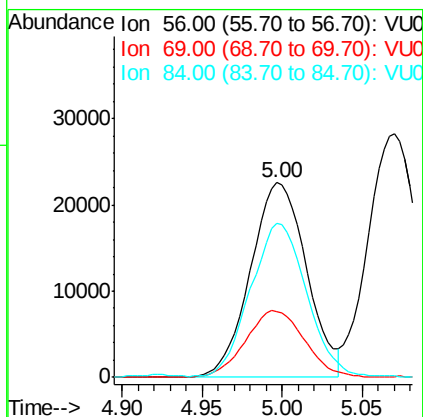
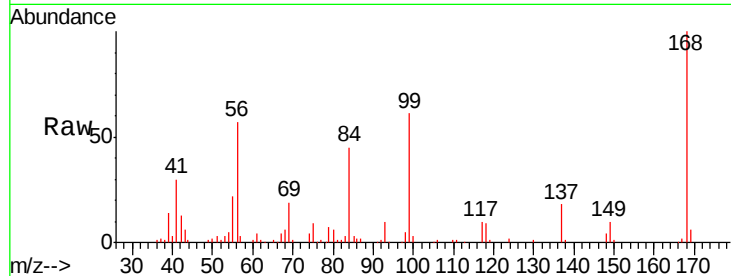
#31
Cyclohexane
Concen: 19.04 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.1	36.1
84	78.7	59.1	88.7

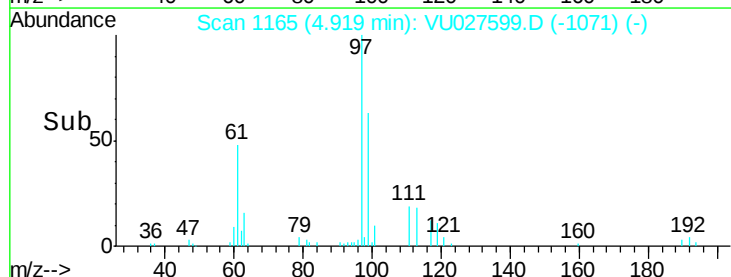
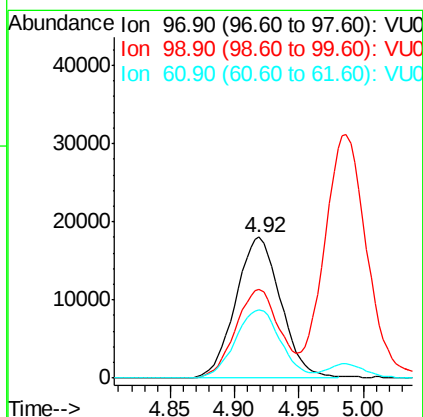
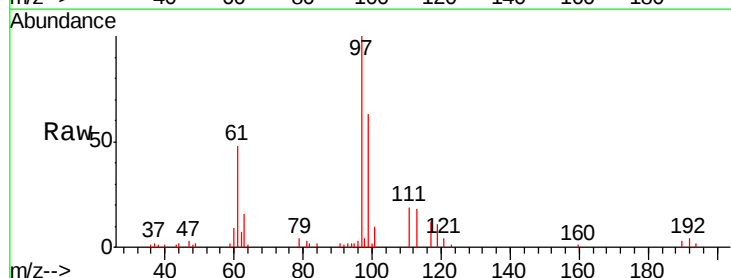
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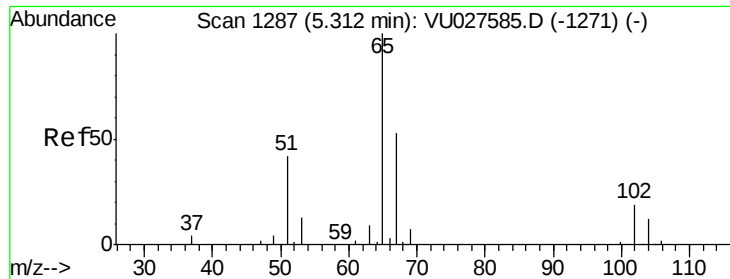
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.13 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.1	76.7
61	49.1	39.6	59.4





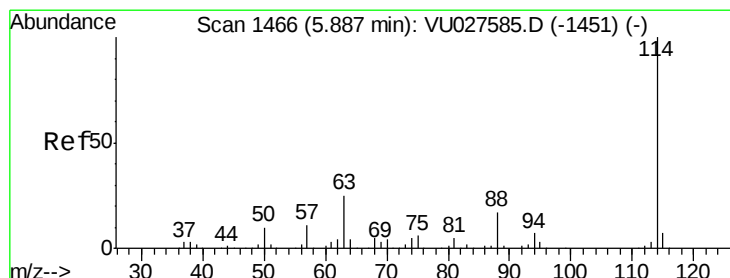
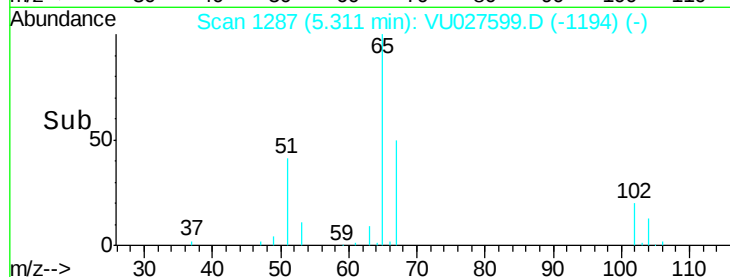
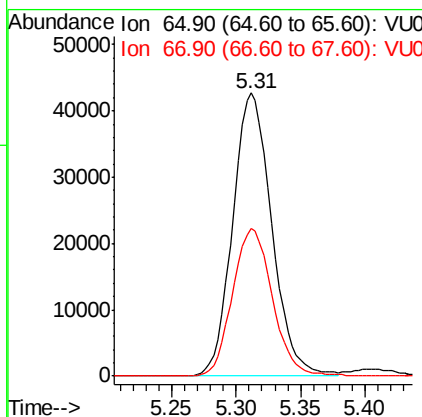
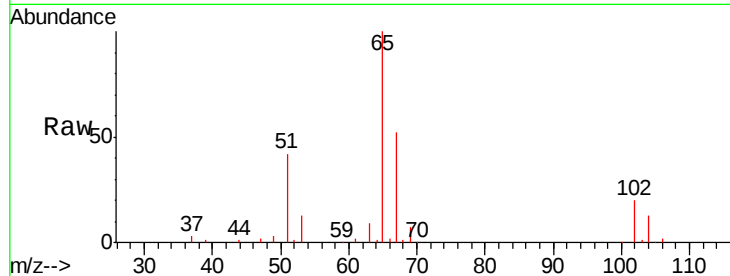
#33
 1,2-Dichloroethane-d4
 Concen: 50.58 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion: 65 Resp: 90016
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.8

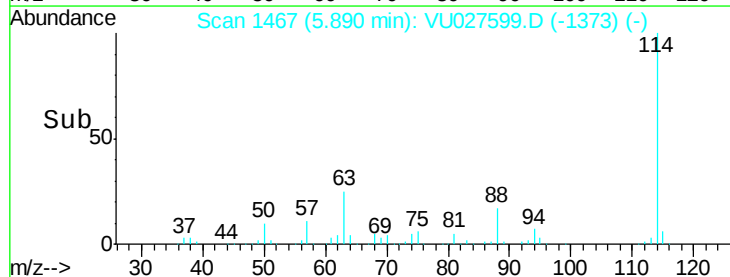
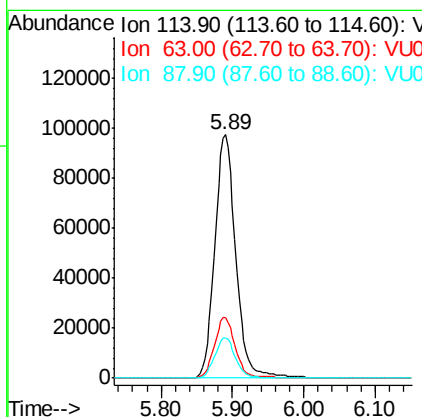
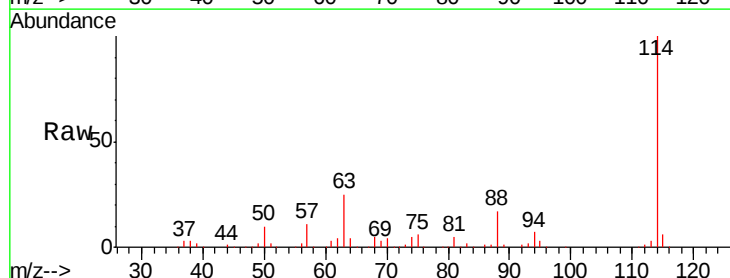
Manual Integrations
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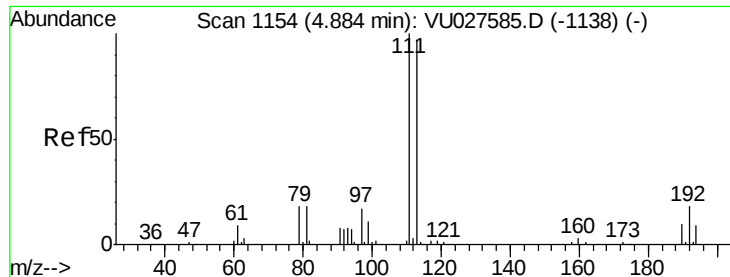
MMDadoda
 10/16/2018 2:22:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion: 114 Resp: 199367
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.92 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

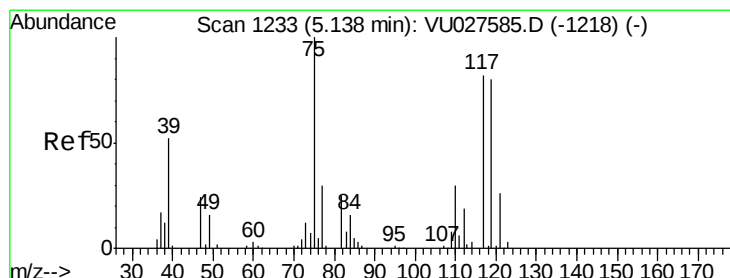
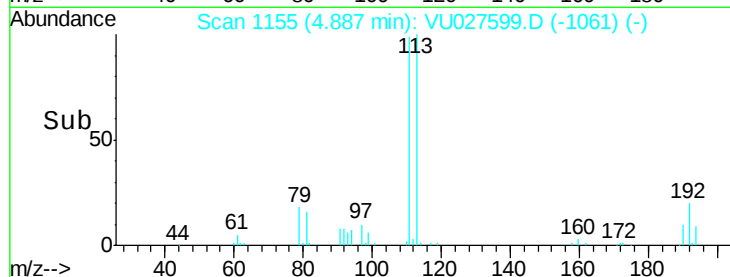
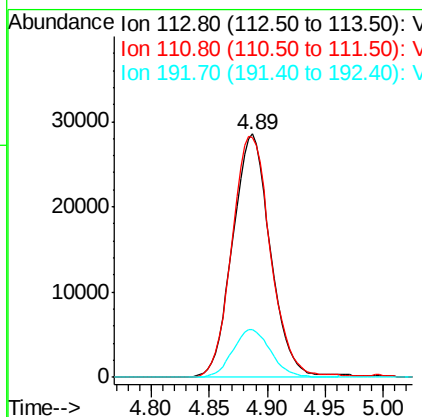
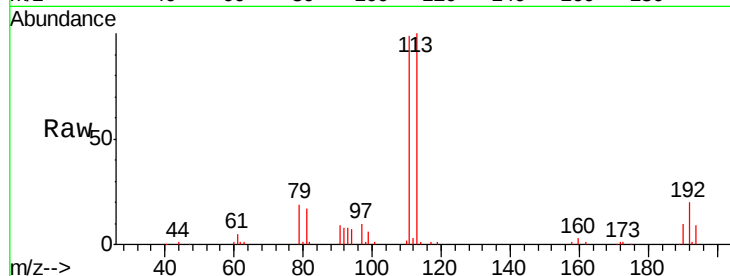
ClientSampleId :

VU1011WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	64525		
111	101.2	83.1	124.7	
192	19.6	15.4	23.0	

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#36

1,1-Dichloropropene

Concen: 19.16 ug/l

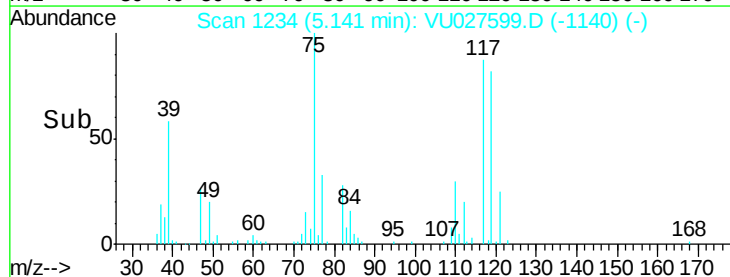
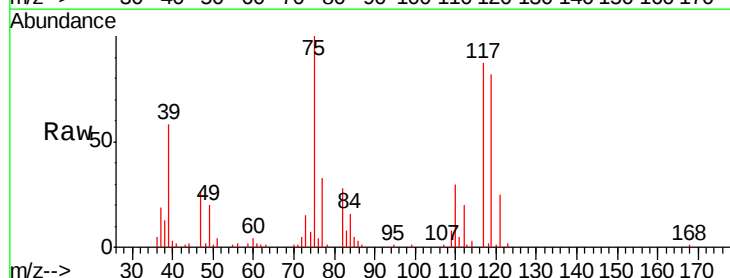
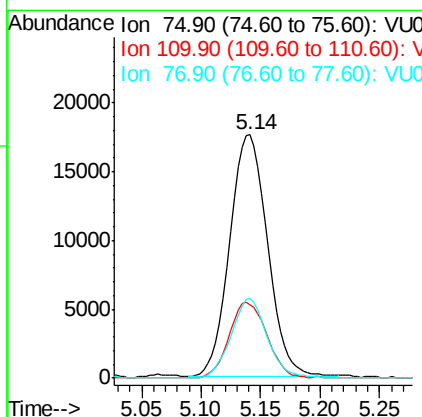
RT: 5.14 min Scan# 1234

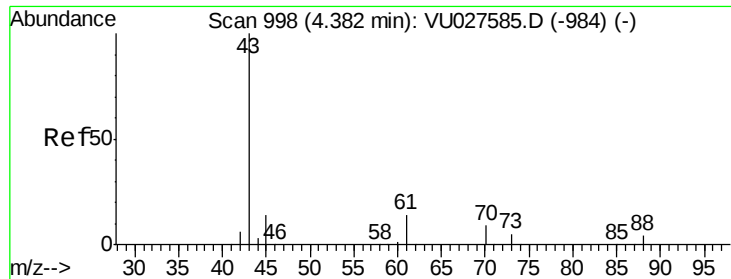
Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38805		
110	31.1	15.5	46.5	
77	31.4	25.4	38.0	





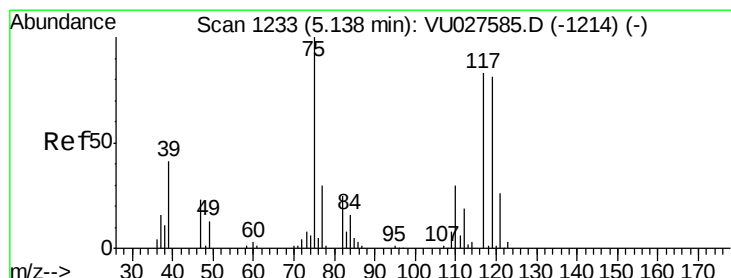
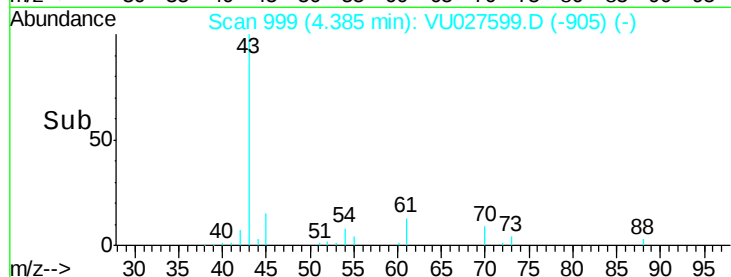
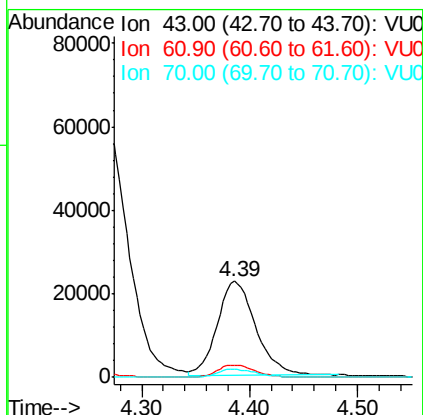
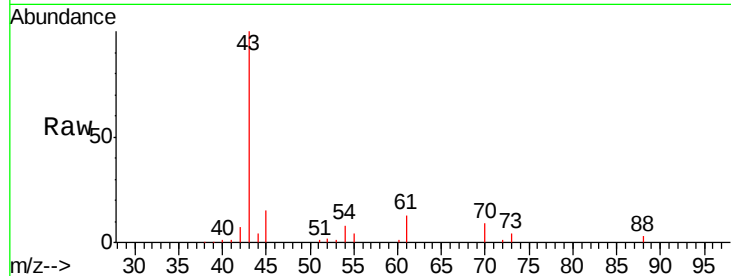
#37
Ethyl Acetate
Concen: 19.51 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.7	16.1
70	8.9	7.4	11.2

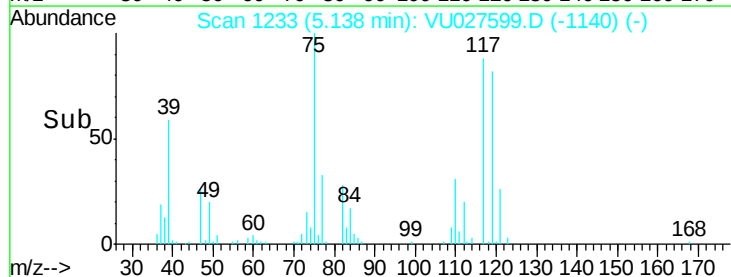
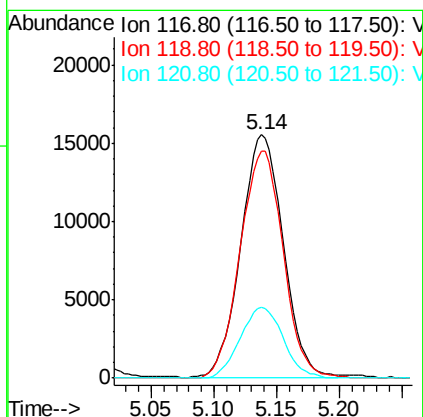
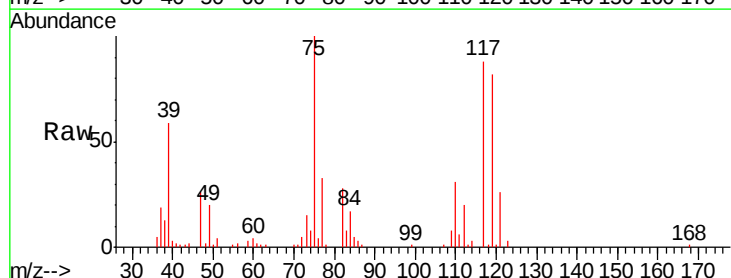
Manual Integrations
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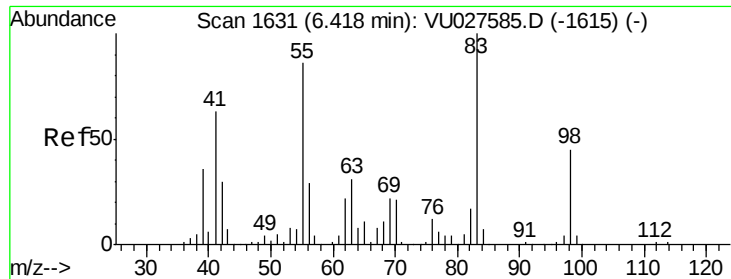
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#38
Carbon Tetrachloride
Concen: 19.67 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.5	111.7
121	29.2	24.6	37.0





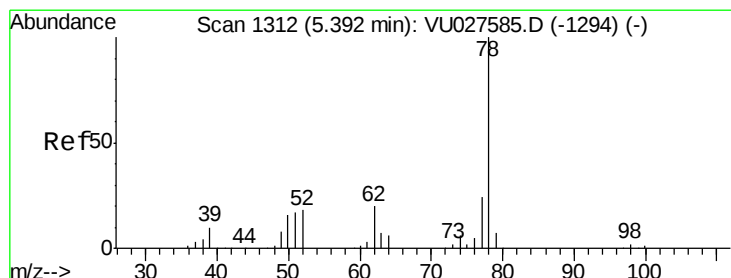
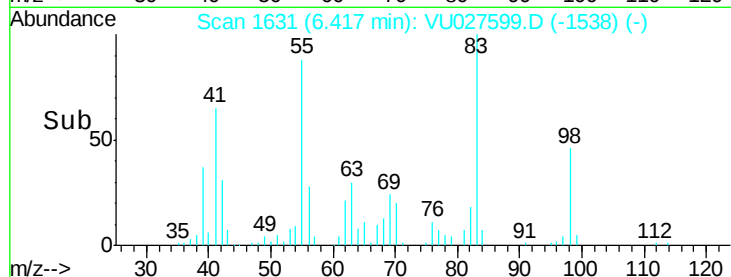
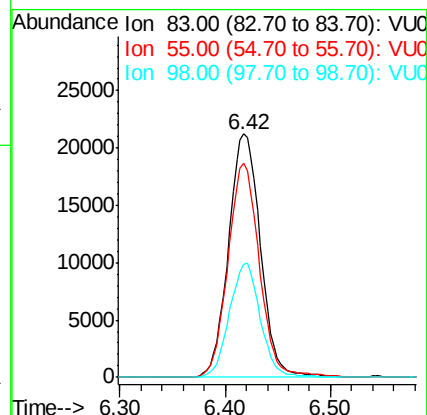
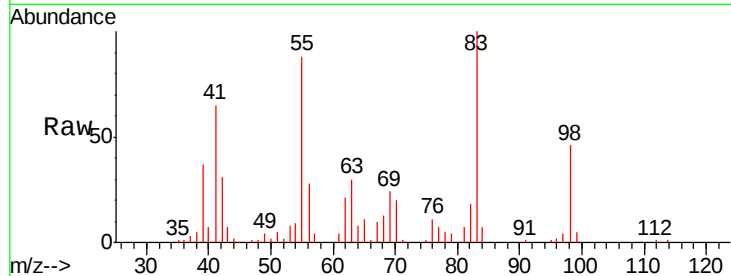
#39
Methylcyclohexane
Concen: 19.50 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.0	71.1	106.7
98	46.3	36.3	54.5

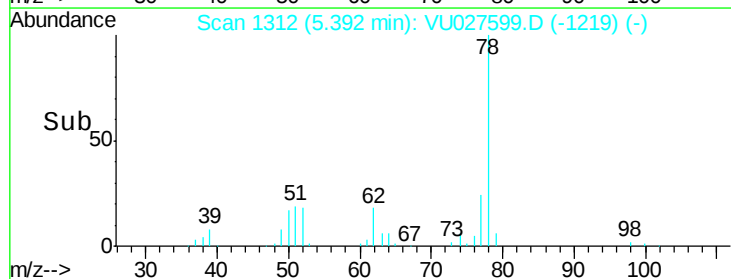
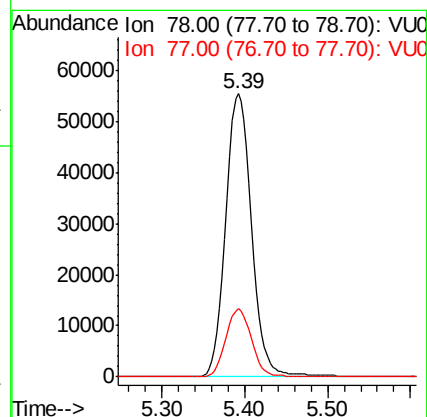
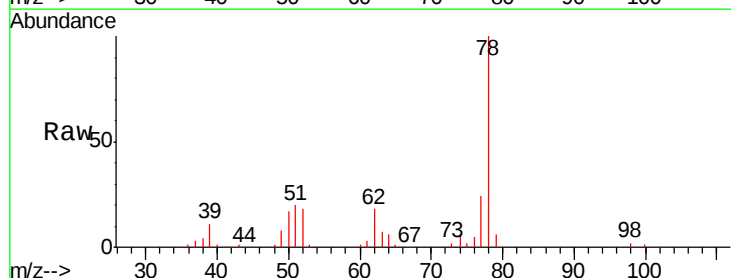
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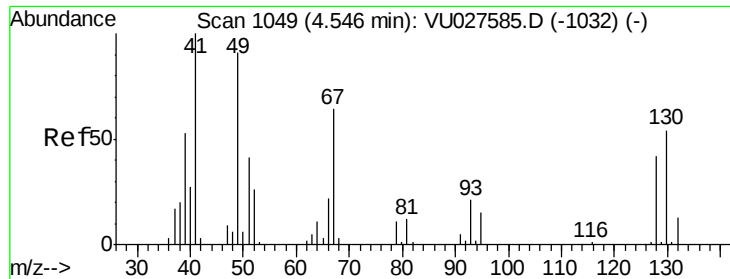
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#40
Benzene
Concen: 19.63 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





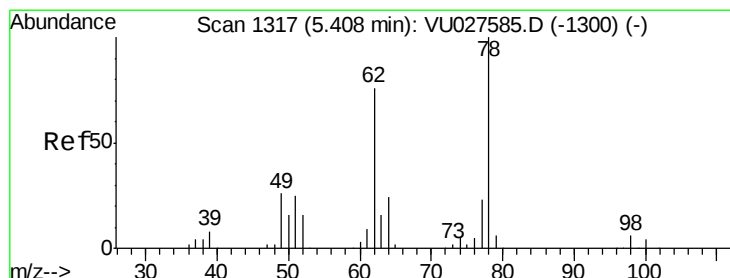
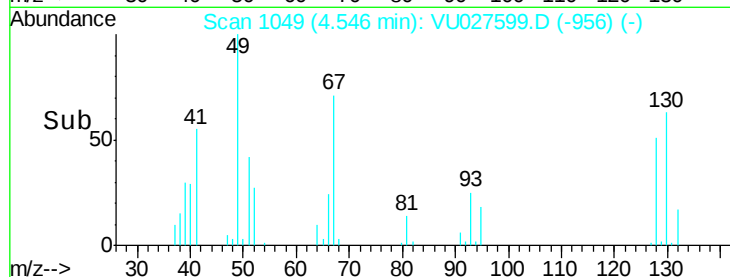
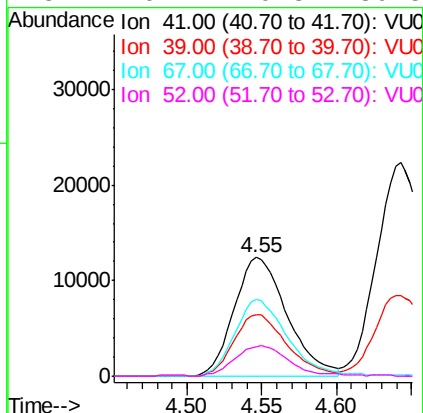
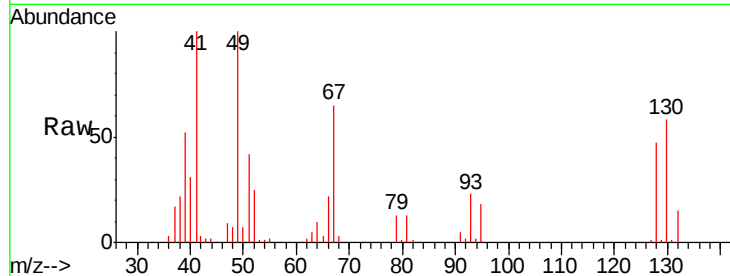
#41
Methacrylonitrile
Concen: 19.33 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	41.1	61.7	
67	65.3	50.4	75.6	
52	26.4	20.3	30.5	

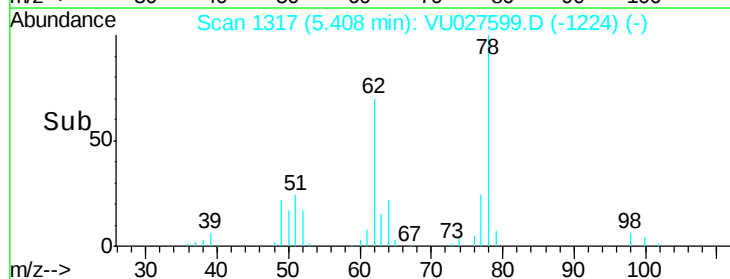
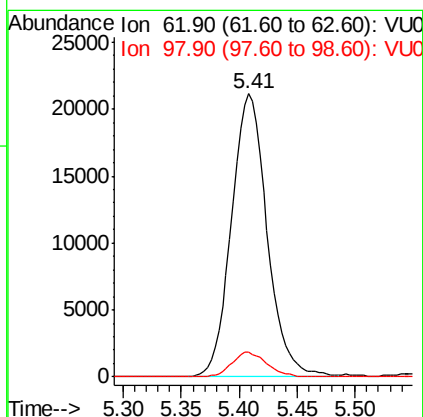
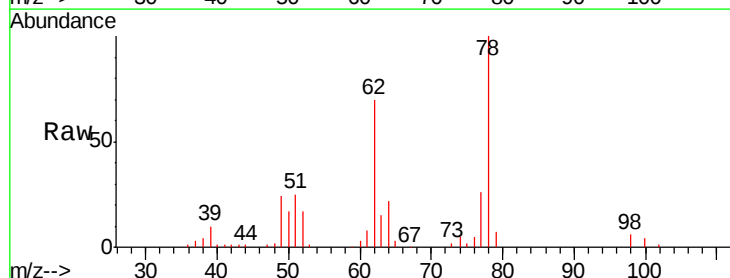
Manual Integrations
APPROVED

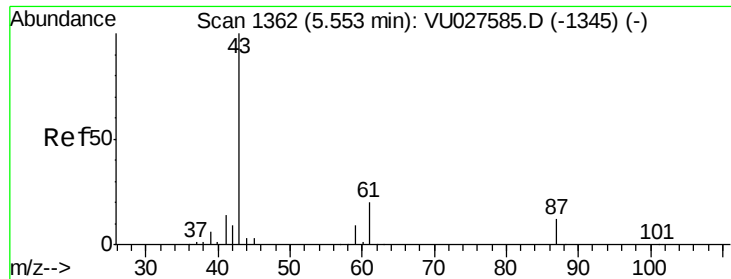
MMDadoda
10/16/2018 2:22:47 PM



#42
1,2-Dichloroethane
Concen: 19.99 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.8	





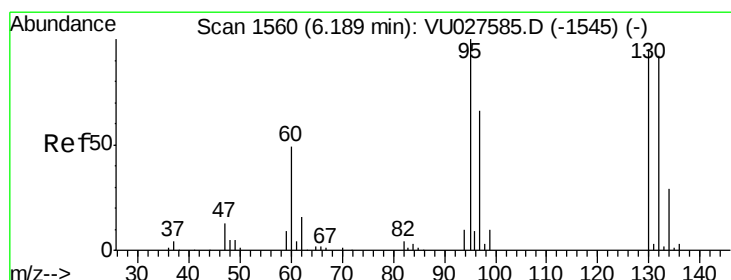
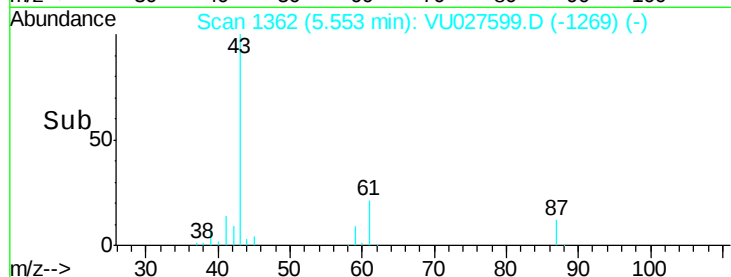
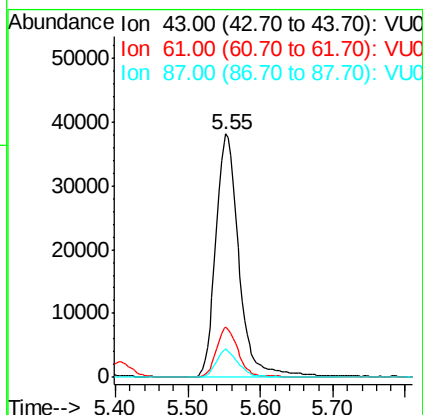
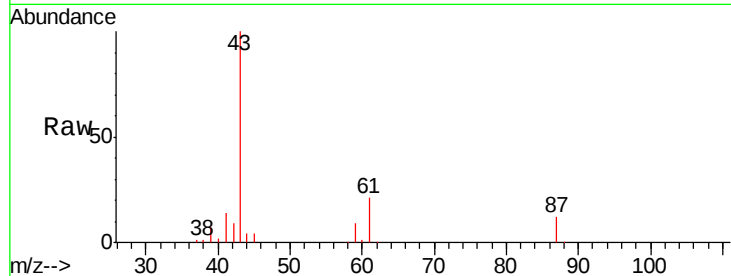
#43
Isopropyl Acetate
Concen: 20.26 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.3	22.9
87	10.9	8.6	13.0

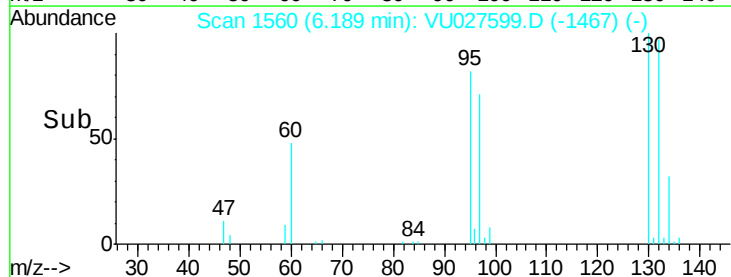
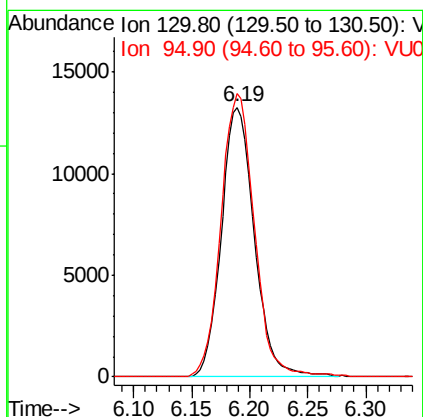
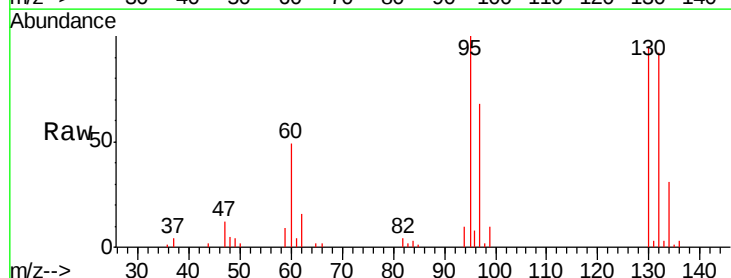
Manual Integrations
APPROVED

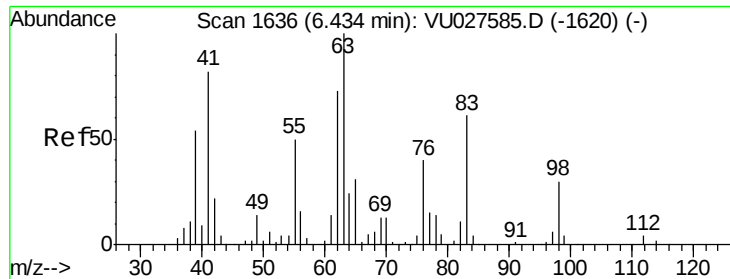
MMDadoda
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#44
Trichloroethene
Concen: 19.42 ug/l
RT: 6.19 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	207.0





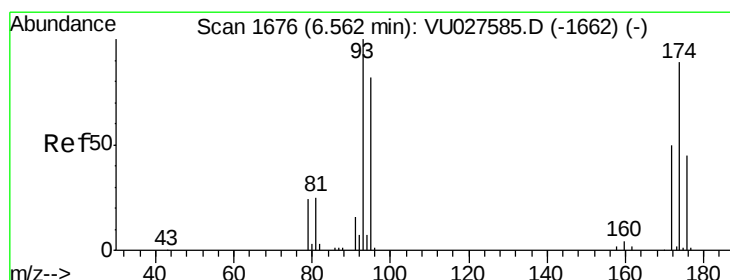
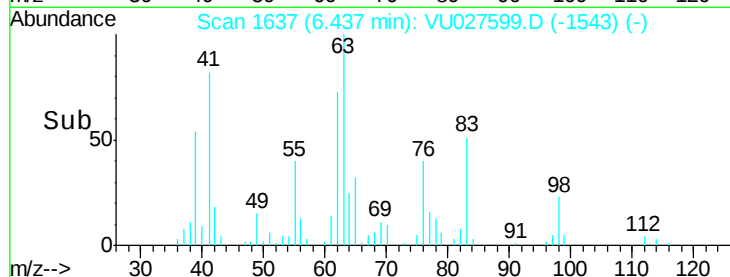
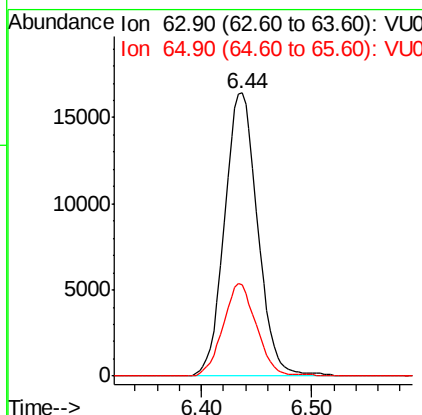
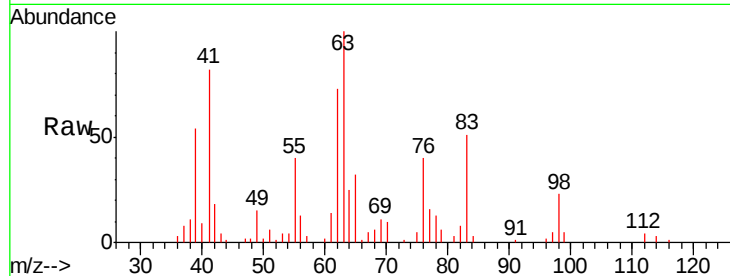
#45
1,2-Dichloropropane
Concen: 19.63 ug/l
RT: 6.44 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 63 Resp: 34207
Ion Ratio Lower Upper
63 100
65 32.1 26.0 39.0

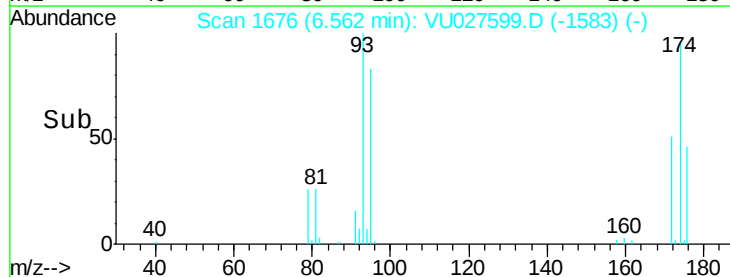
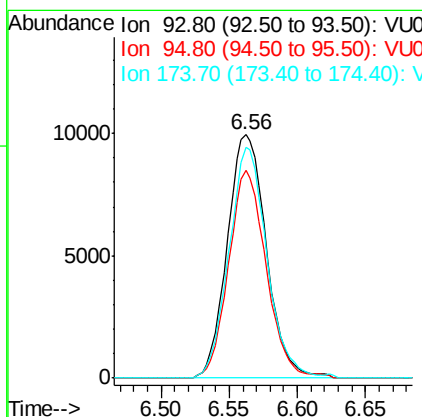
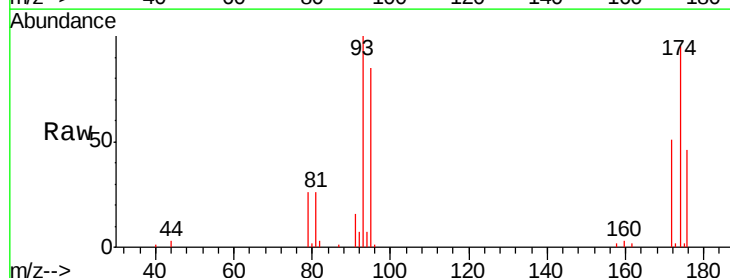
Manual Integrations
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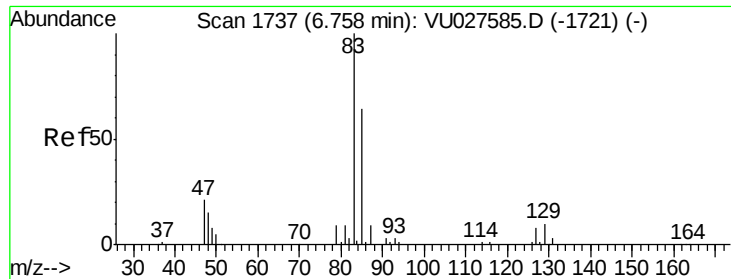
MMDadoda
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#46
Dibromomethane
Concen: 19.35 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 93 Resp: 19847
Ion Ratio Lower Upper
93 100
95 82.2 66.5 99.7
174 91.7 72.5 108.7





#47

Bromodichloromethane

Concen: 19.60 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

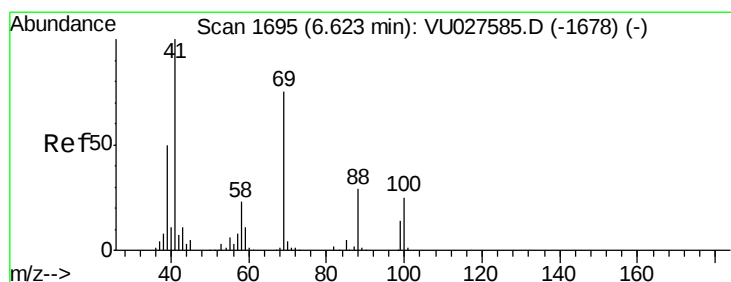
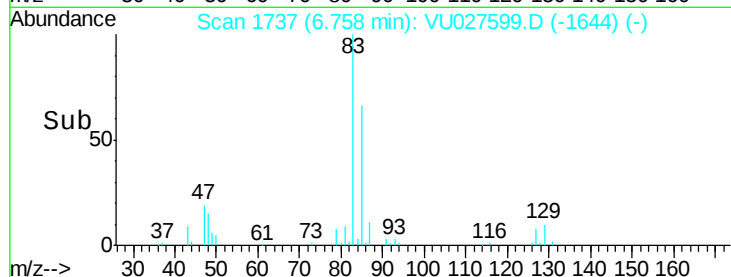
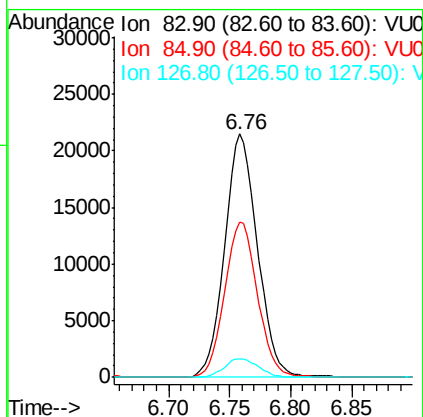
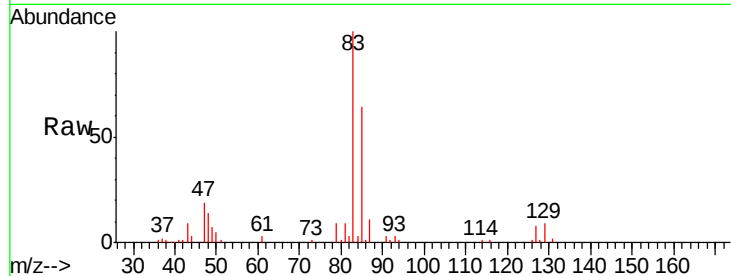
ClientSampleId :

VU1011WBSD01

Tgt Ion:	83	Resp:	40440
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.4	77.0
127	7.6	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.99 ug/l

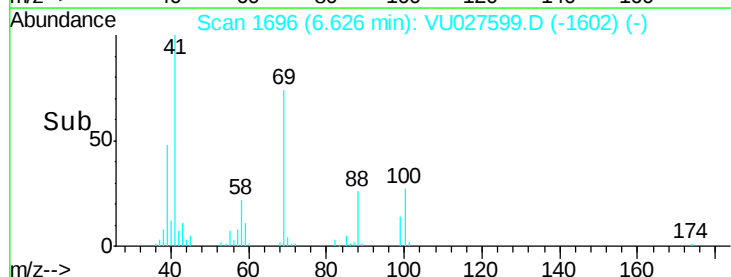
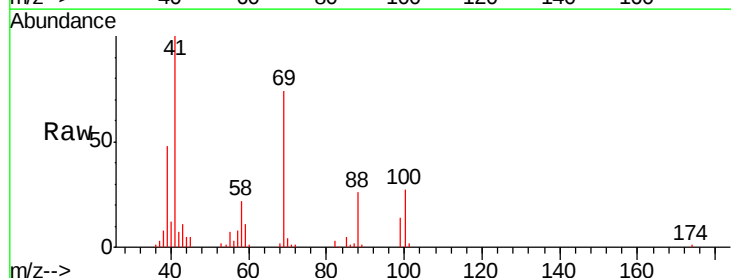
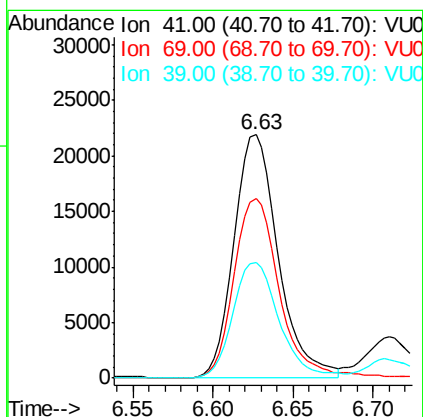
RT: 6.63 min Scan# 1696

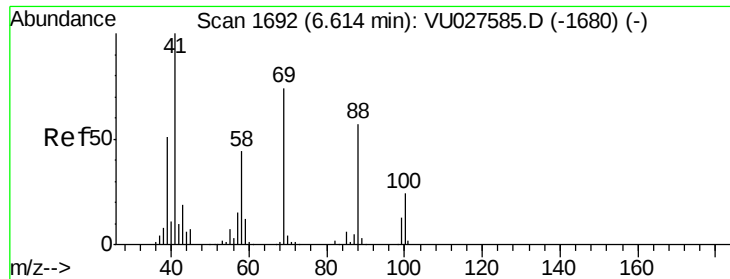
Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion:	41	Resp:	41575
Ion	Ratio	Lower	Upper
41	100		
69	75.7	61.0	91.4
39	49.6	39.9	59.9





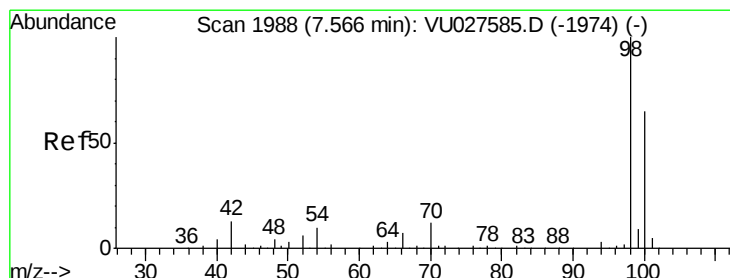
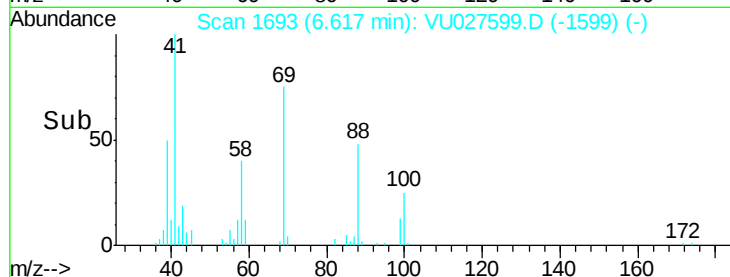
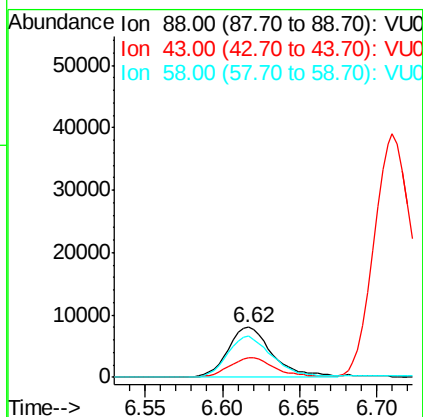
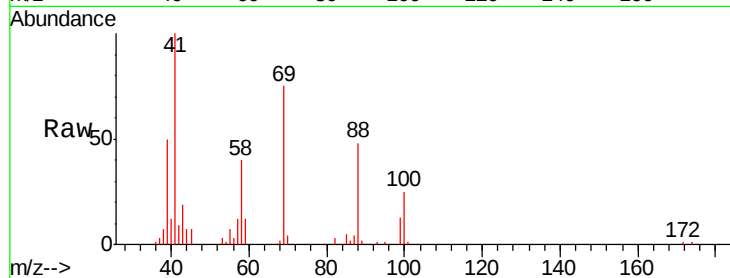
#49
1,4-Dioxane
Concen: 398.95 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	16051		
43	40.3	30.8	46.2	
58	84.0	67.0	100.6	

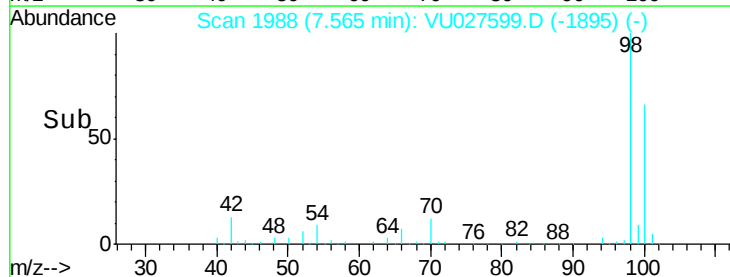
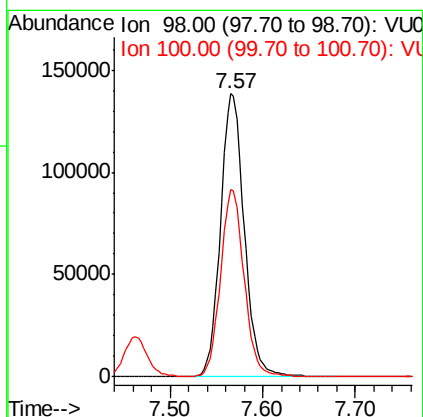
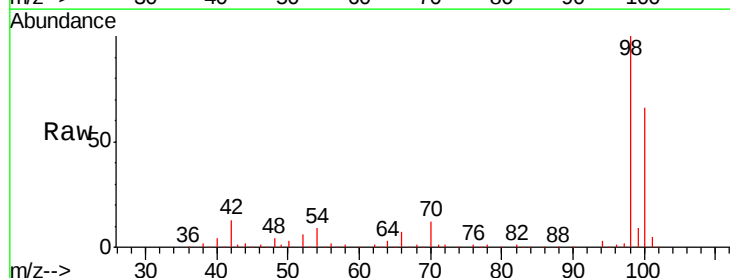
Manual Integrations
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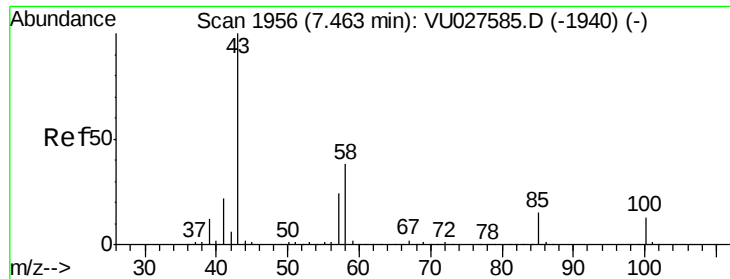
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#50
Toluene-d8
Concen: 49.01 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	246188		
100	65.1	52.1	78.1	





#51

4-Methyl-2-Pentanone

Concen: 100.39 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 43 Resp: 283789

Ion Ratio Lower Upper

43 100

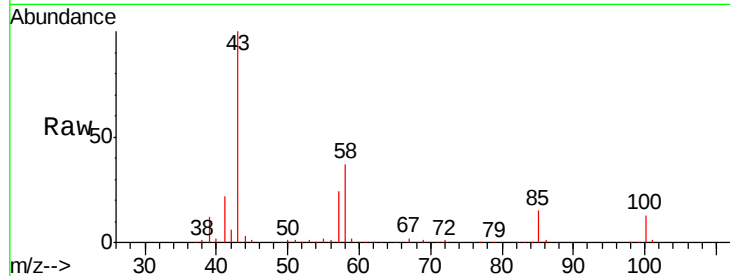
58 37.3 29.8 44.8

Manual Integrations

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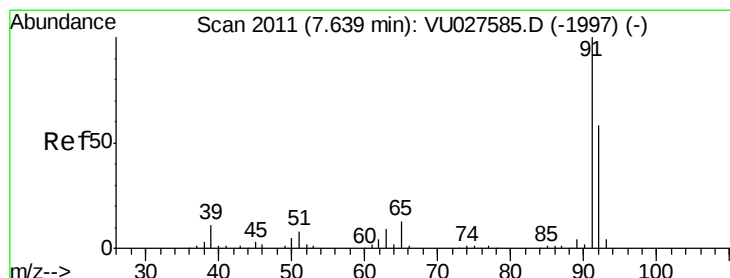
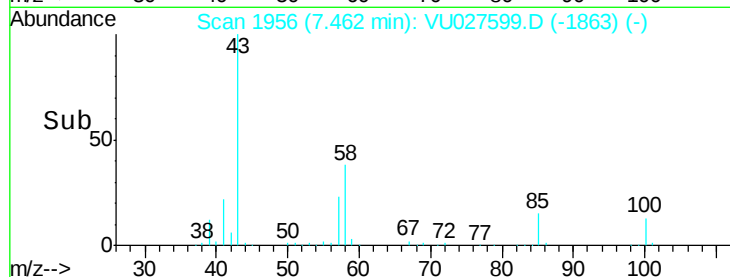
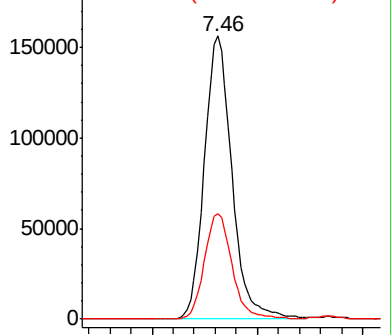
MMDadoda

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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: 19.71 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027599.D

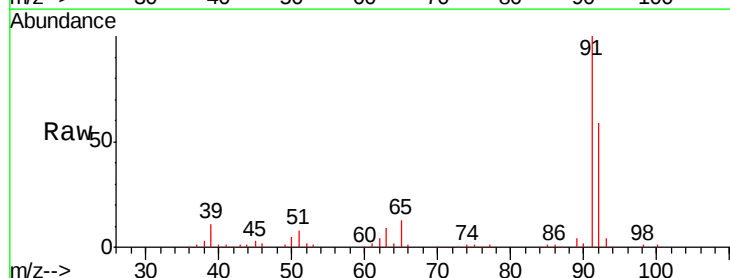
Acq: 11 Oct 2018 15:20

Tgt Ion: 92 Resp: 69068

Ion Ratio Lower Upper

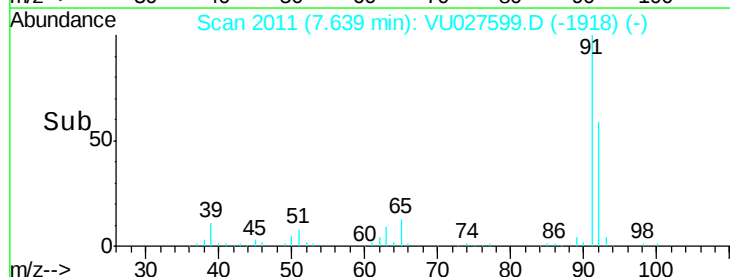
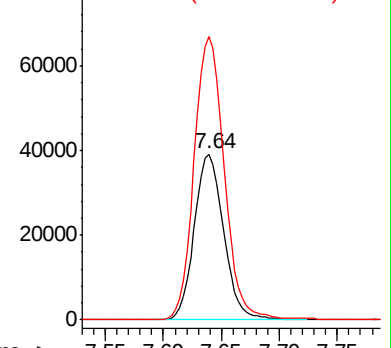
92 100

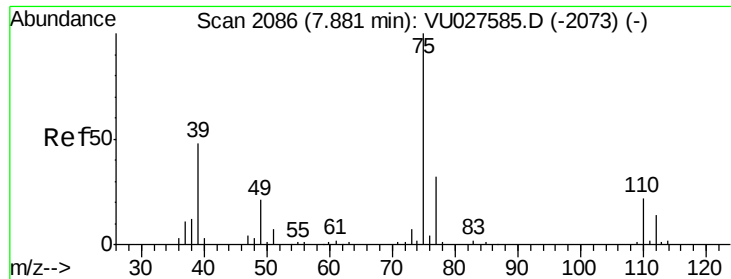
91 175.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0





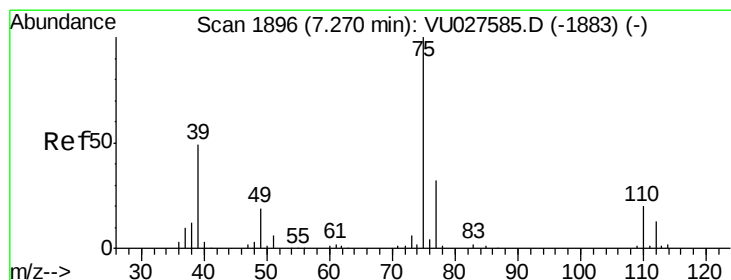
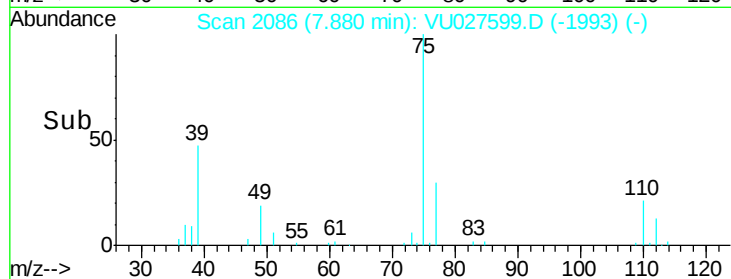
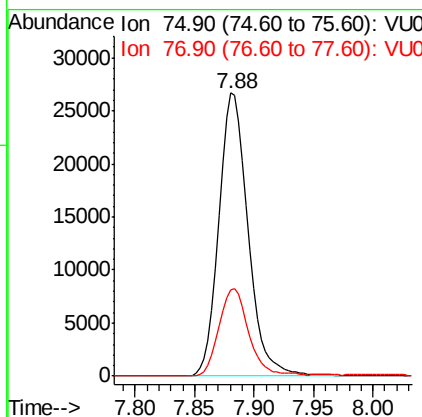
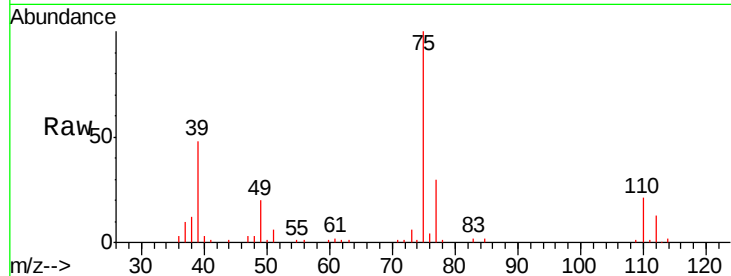
#53
t-1,3-Dichloropropene
Concen: 19.37 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 75 Resp: 45513
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.6

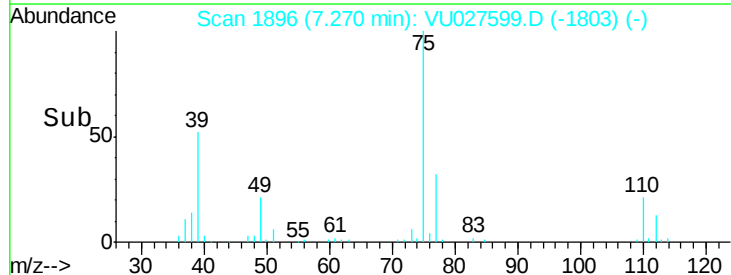
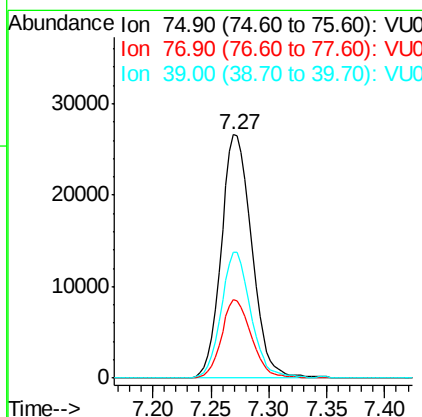
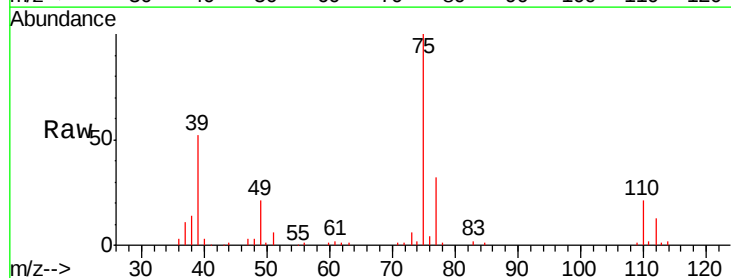
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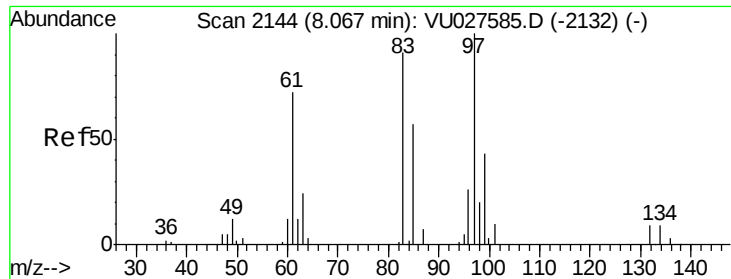
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.09 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 75 Resp: 48804
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 51.5 40.1 60.1





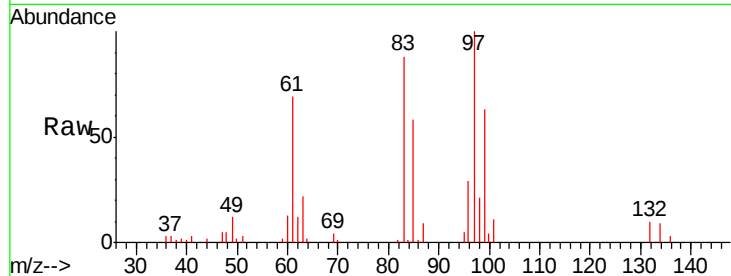
#55
 1,1,2-Trichloroethane
 Concen: 19.63 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

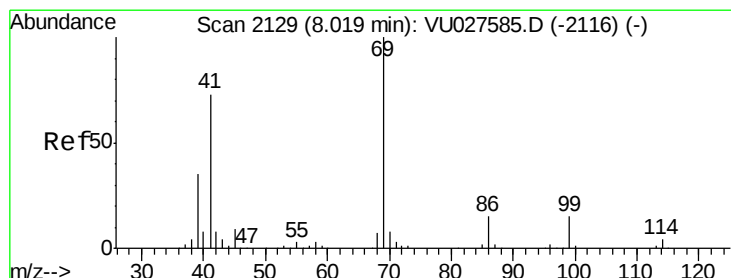
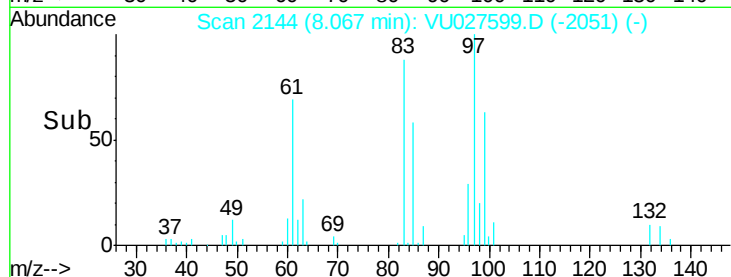
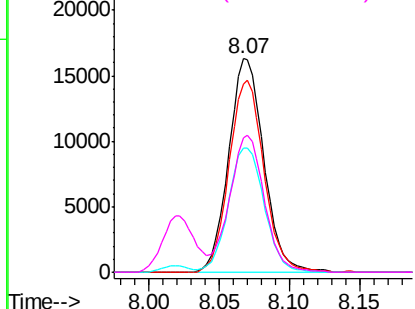
Tgt Ion	Resp	Lower	Upper
97	100		
83	88.3	73.0	109.6
85	58.1	47.3	70.9
99	62.7	49.7	74.5

Manual Integrations
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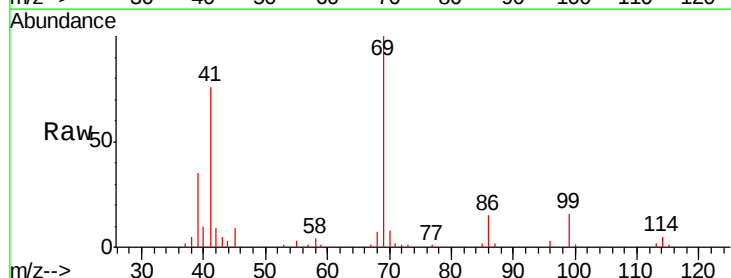


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

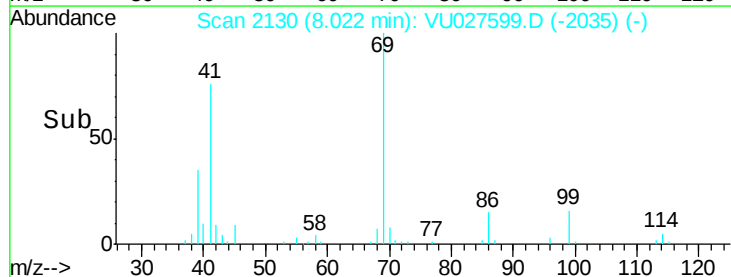
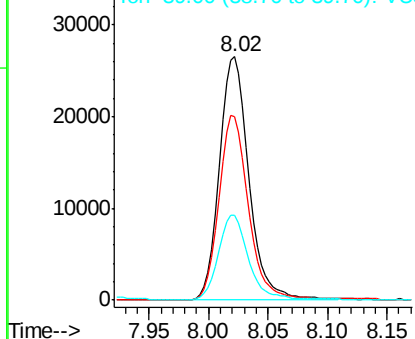


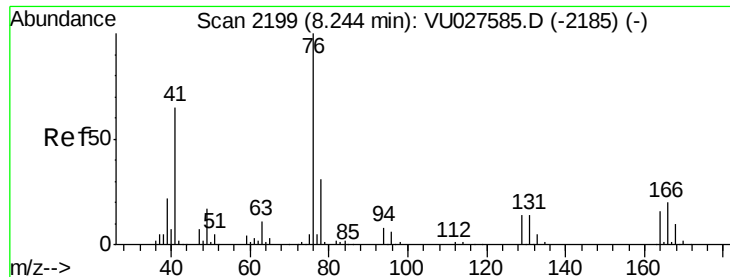
#56
 Ethyl methacrylate
 Concen: 18.57 ug/l
 RT: 8.02 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion	Resp	Lower	Upper
69	100		
41	75.7	60.0	90.0
39	36.1	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0





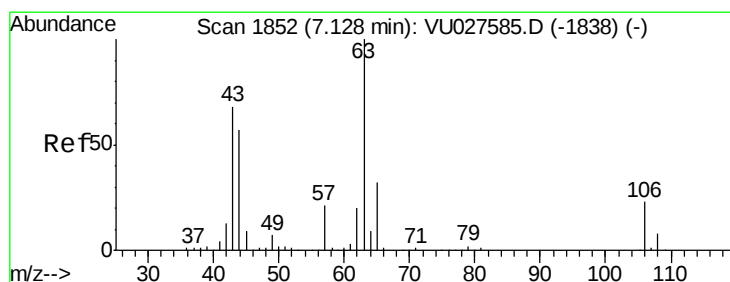
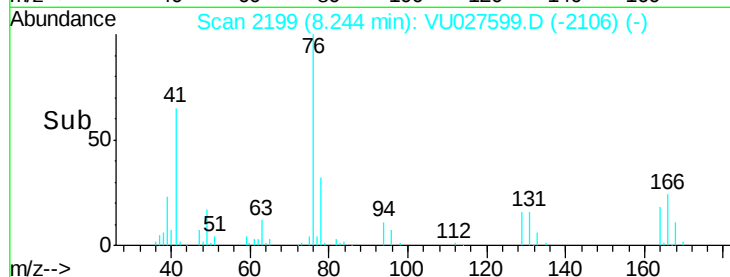
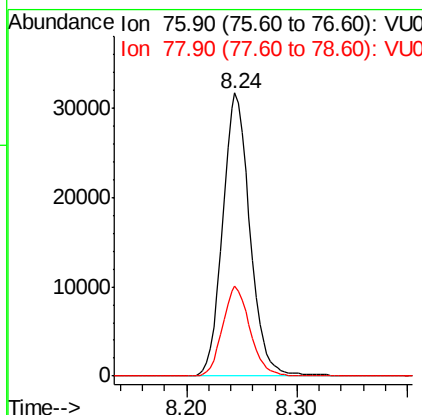
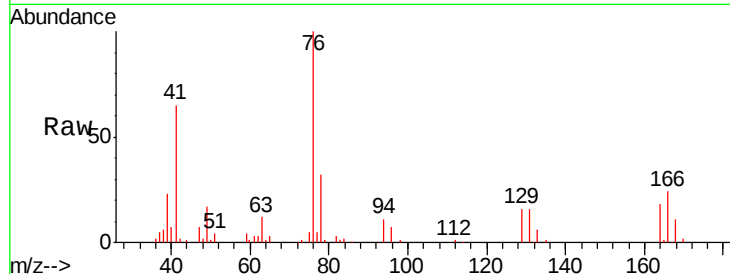
#57
 1,3-Dichloropropane
 Concen: 19.74 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion: 76 Resp: 54223
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6

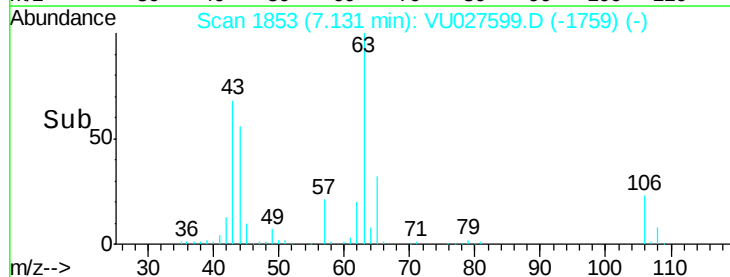
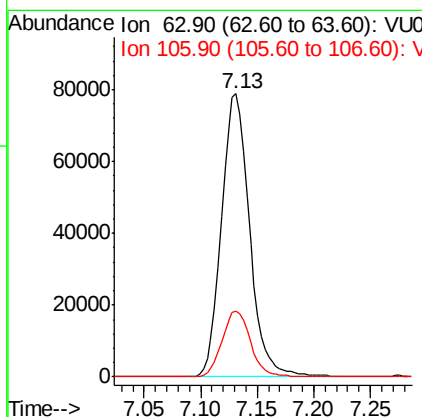
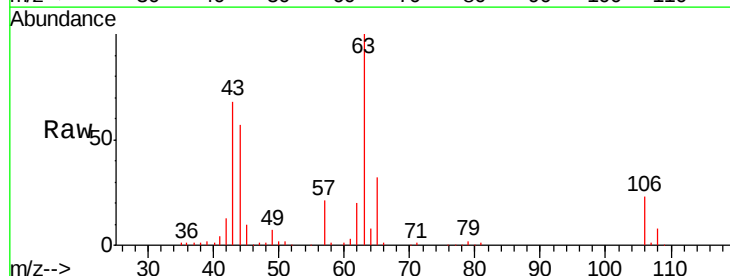
Manual Integrations
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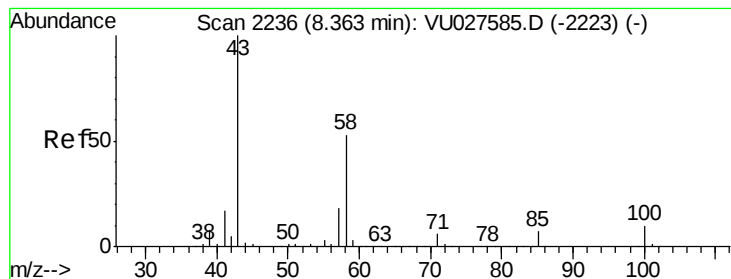
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.08 ug/l
 RT: 7.13 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion: 63 Resp: 137326
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.5 27.7





#59

2-Hexanone

Concen: 99.66 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 43 Resp: 219782

Ion Ratio Lower Upper

43 100

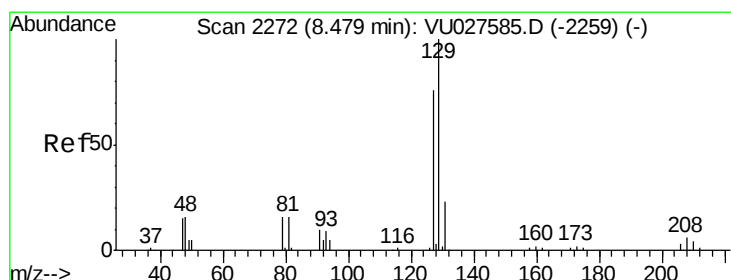
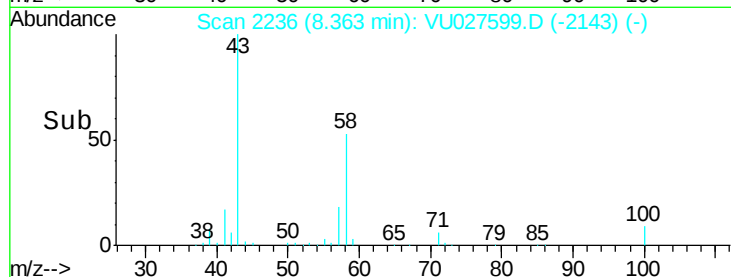
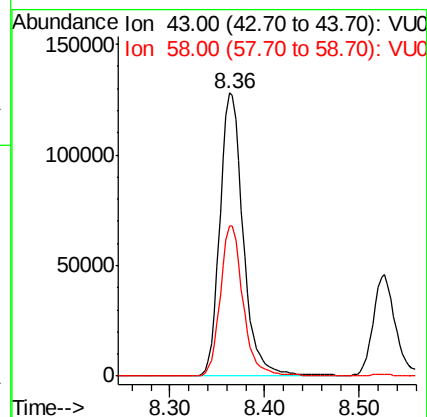
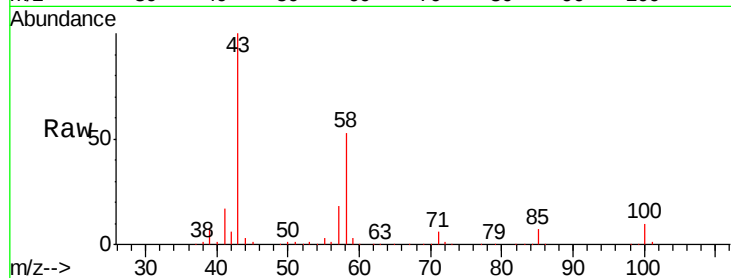
58 51.7 26.1 78.3

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.36 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027599.D

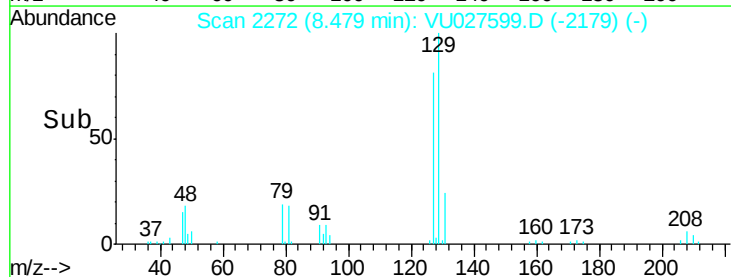
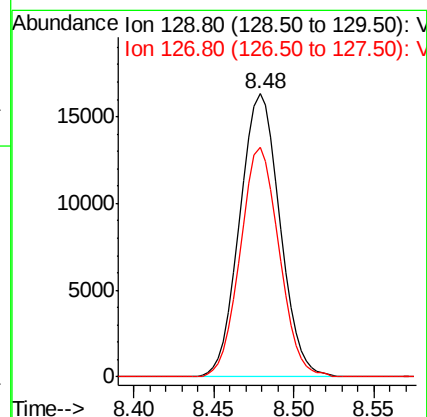
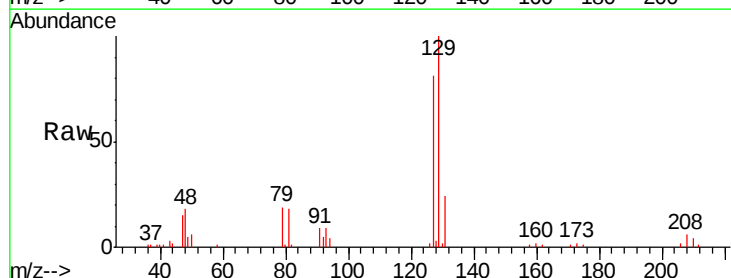
Acq: 11 Oct 2018 15:20

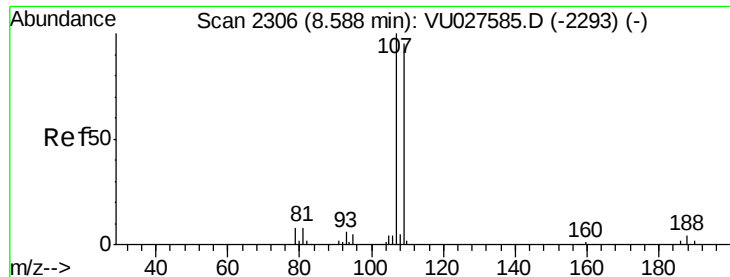
Tgt Ion: 129 Resp: 27970

Ion Ratio Lower Upper

129 100

127 78.2 39.1 117.2





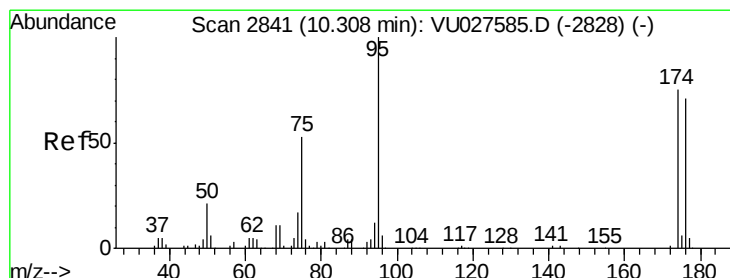
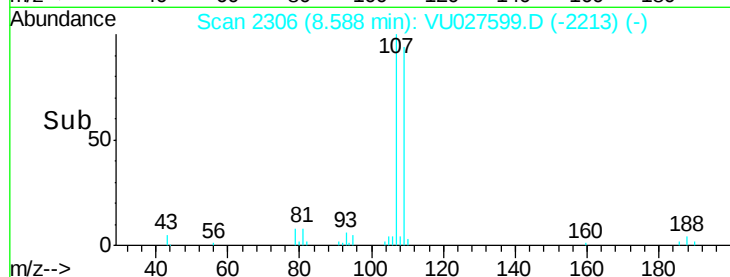
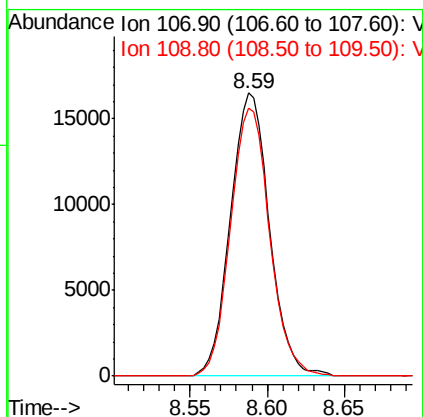
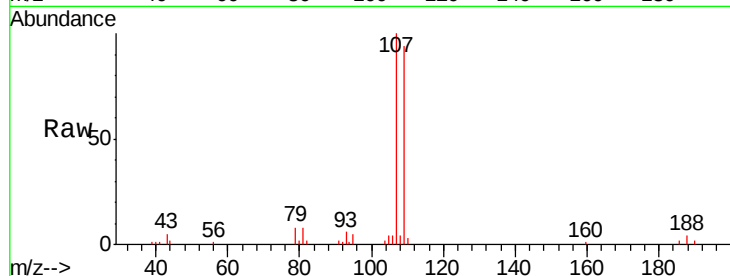
#61
 1,2-Dibromoethane
 Concen: 18.93 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion: 107 Resp: 28821
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.5 111.7

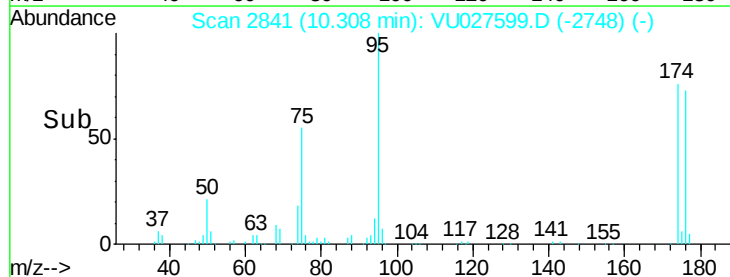
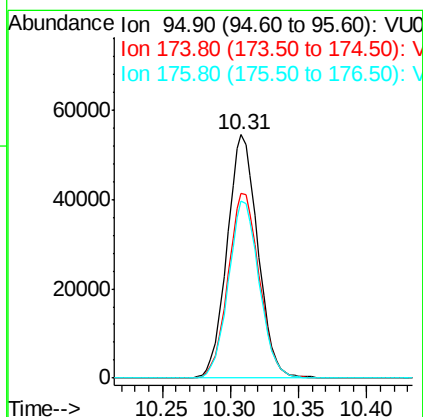
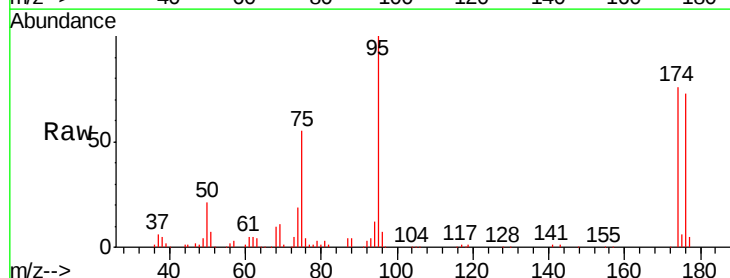
Manual Integrations
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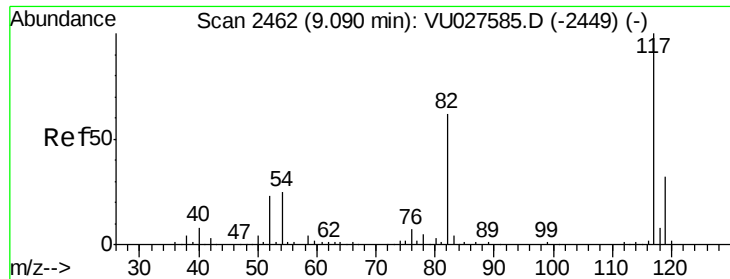
MMDadoda
 10/16/2018 2:22:47 PM



#62
 4-Bromofluorobenzene
 Concen: 47.05 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion: 95 Resp: 85234
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 147.8
 176 73.0 0.0 140.8





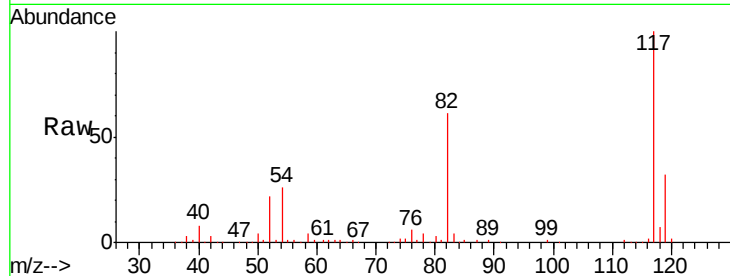
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	31.9	25.7	38.5

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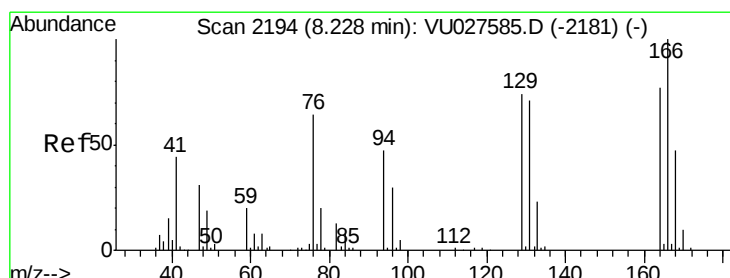
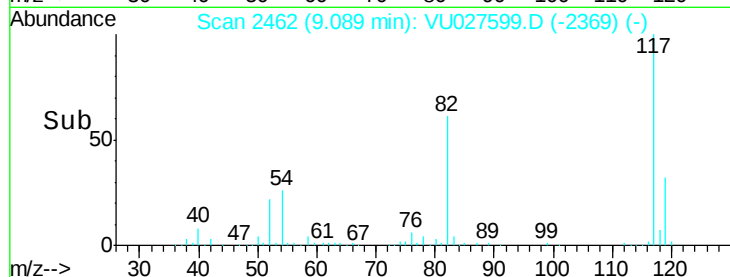
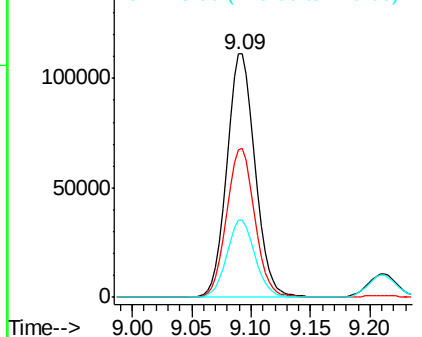


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.02 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.0	151.6
129	96.5	78.0	117.0
131	91.8	72.6	109.0

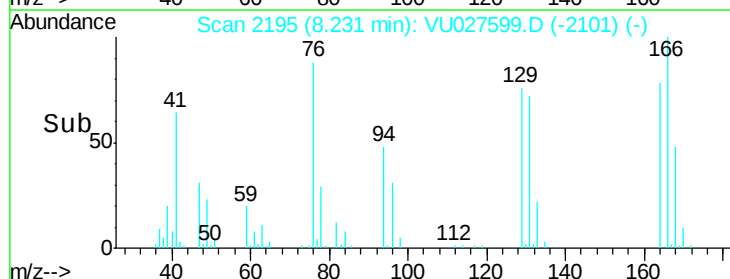
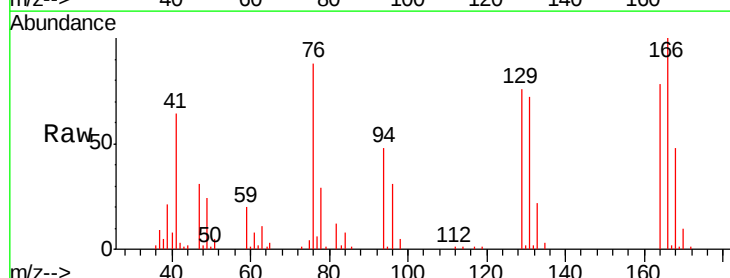
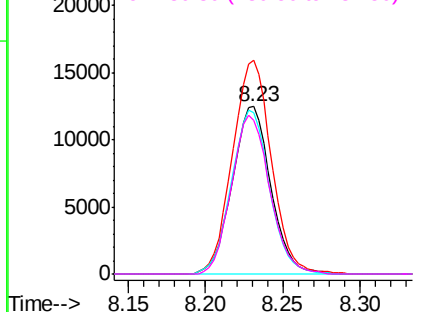
Abundance

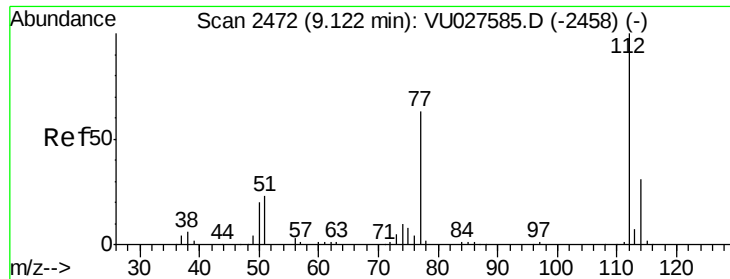
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





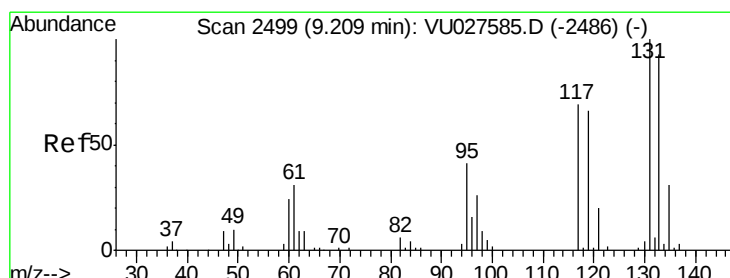
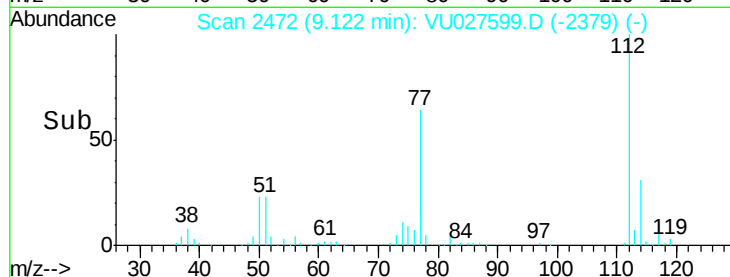
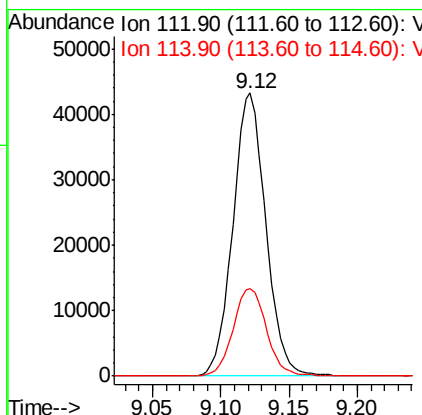
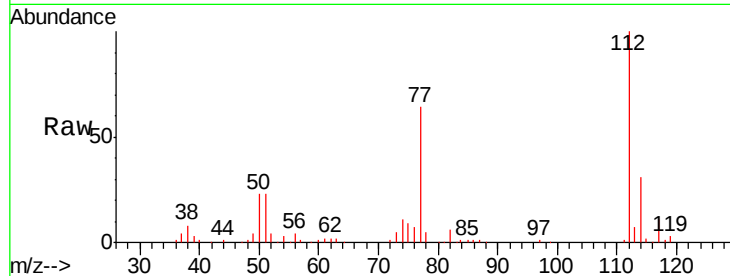
#65
Chlorobenzene
Concen: 19.08 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion:112 Resp: 72471
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

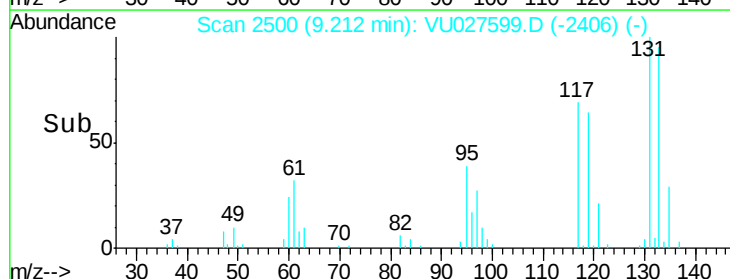
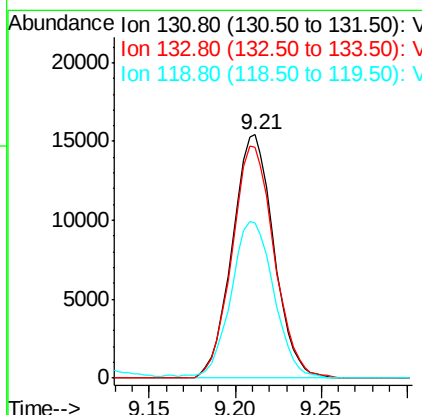
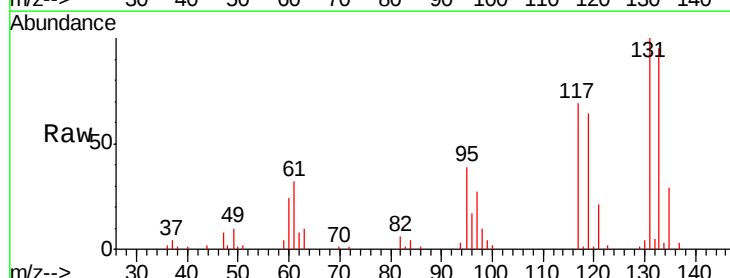
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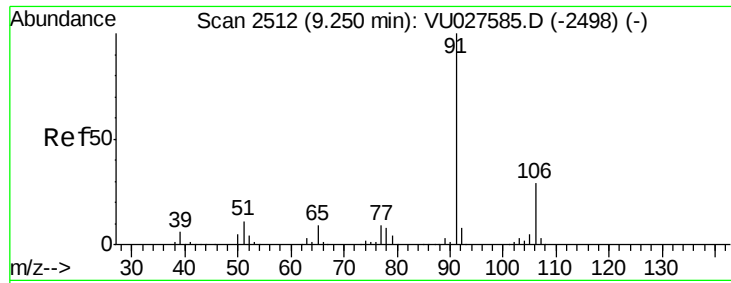
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.00 ug/l
RT: 9.21 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion:131 Resp: 25971
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.6
119 66.4 33.5 100.4





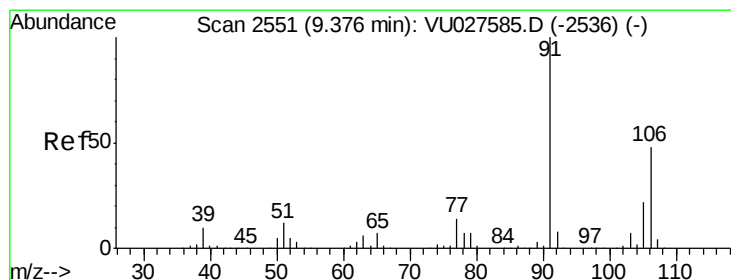
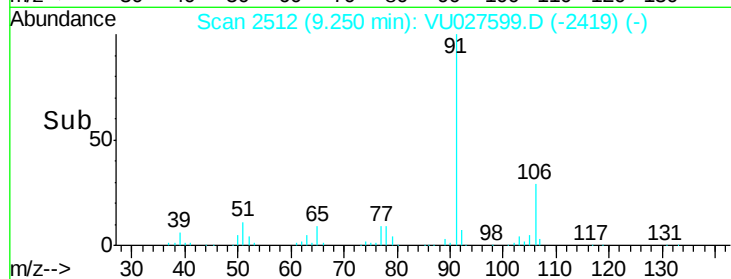
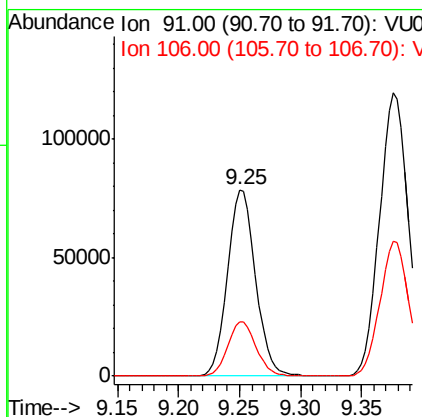
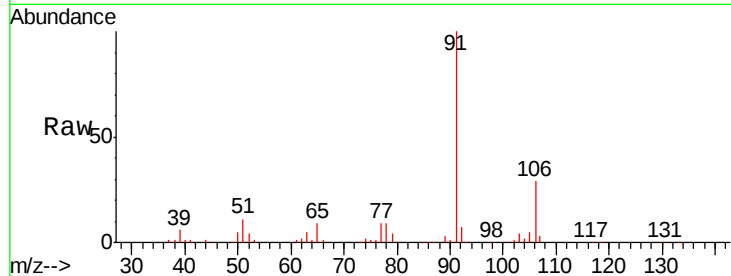
#67
Ethyl Benzene
Concen: 19.52 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 91 Resp: 127164
Ion Ratio Lower Upper
91 100
106 29.3 23.6 35.4

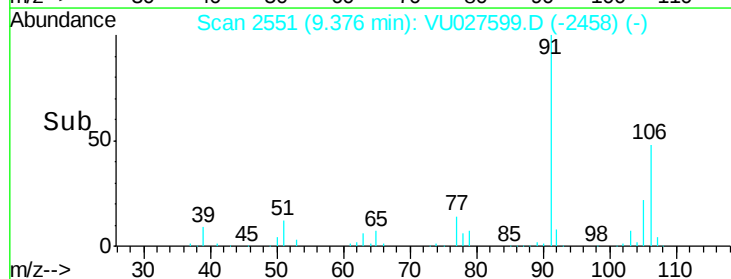
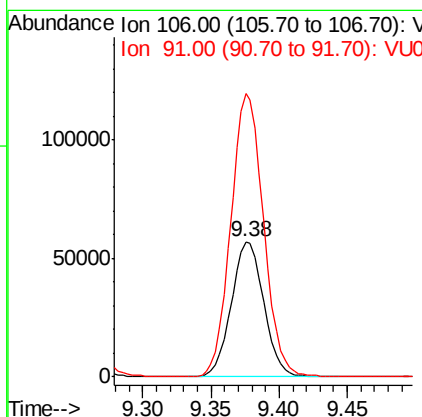
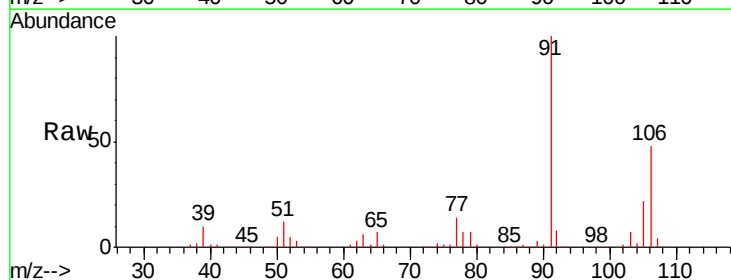
Manual Integrations
APPROVED

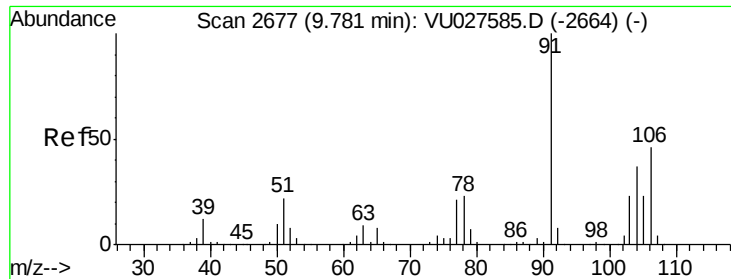
MMDadoda
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#68
m/p-Xylenes
Concen: 39.72 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 106 Resp: 94464
Ion Ratio Lower Upper
106 100
91 209.5 168.1 252.1





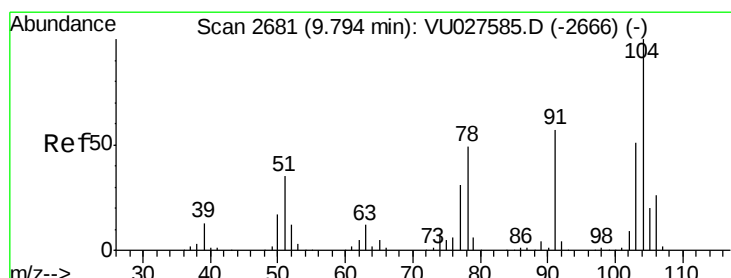
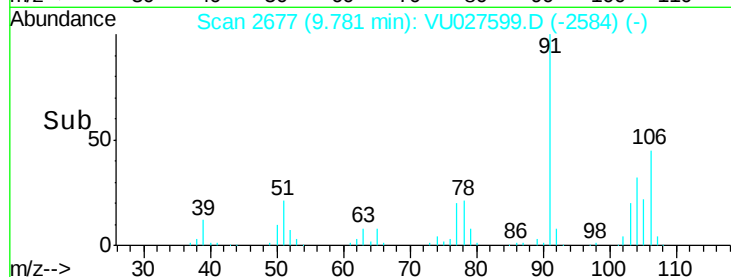
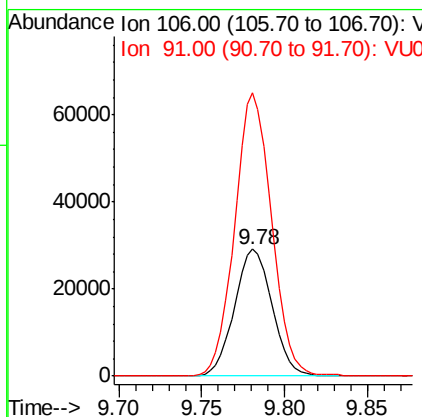
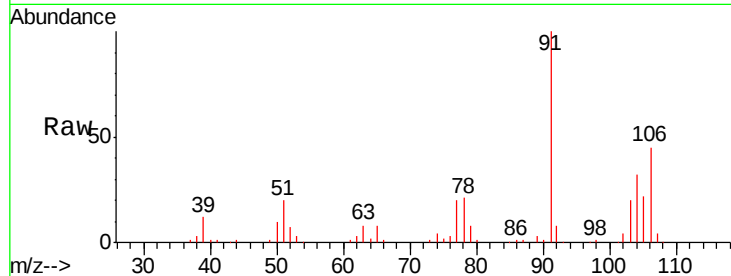
#69
o-Xylene
Concen: 19.94 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion:106 Resp: 46092
Ion Ratio Lower Upper
106 100
91 219.2 111.7 334.9

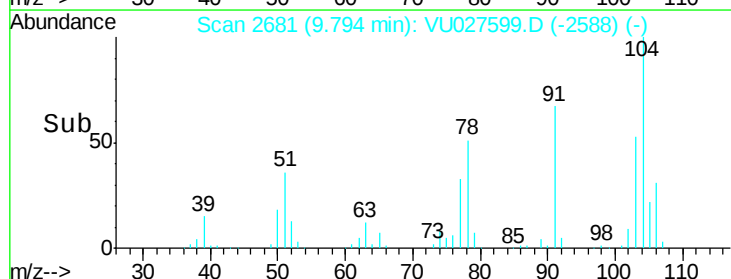
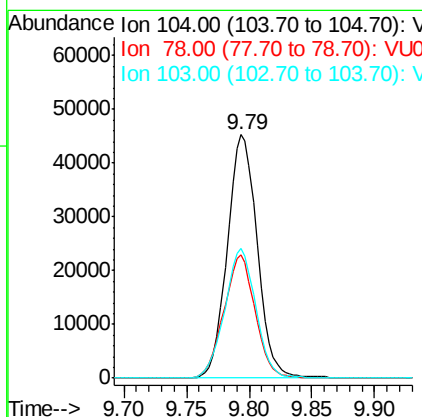
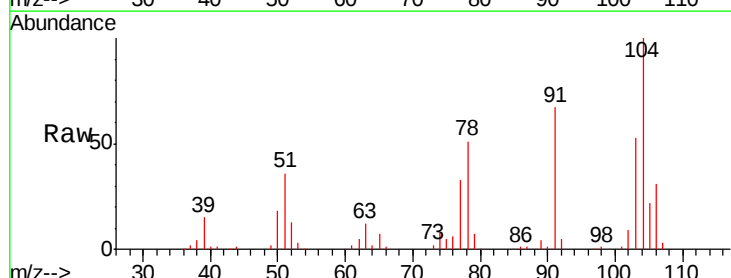
Manual Integrations
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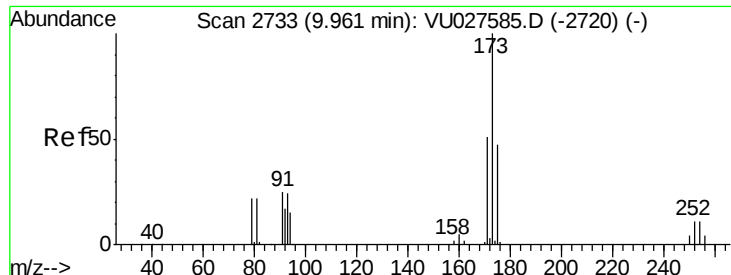
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#70
Styrene
Concen: 18.47 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion:104 Resp: 75270
Ion Ratio Lower Upper
104 100
78 53.1 42.9 64.3
103 55.3 43.9 65.9





#71

Bromoform

Concen: 19.23 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

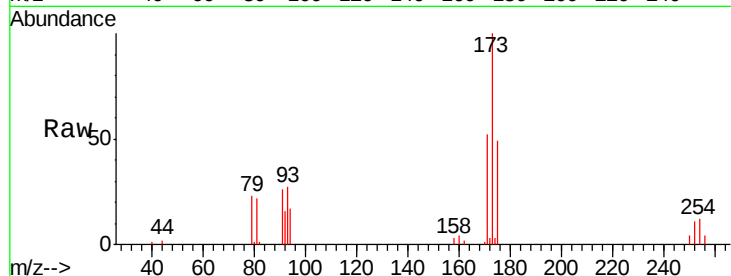
ClientSampleId :

VU1011WBSD01

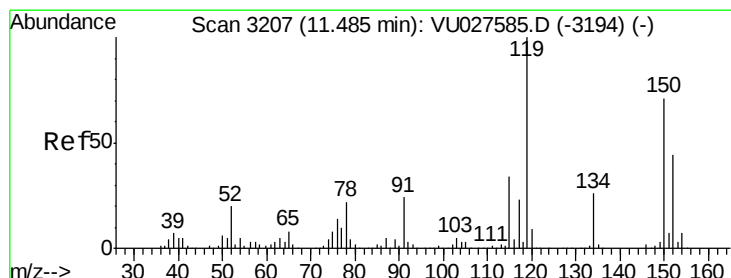
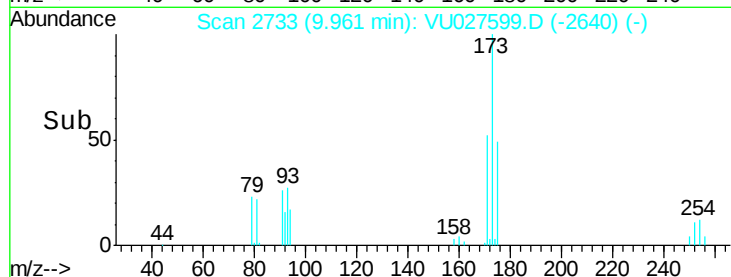
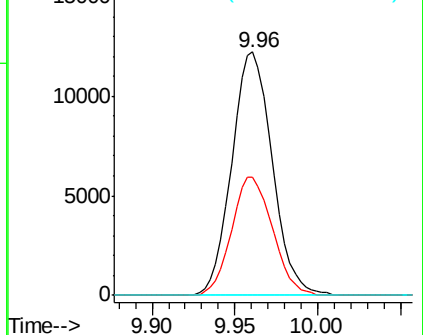
Tgt Ion:	173	Resp:	20757
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.3	73.0
254	0.0	0.0	0.0

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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

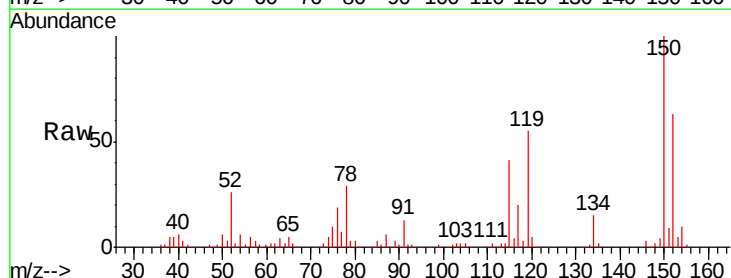
RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

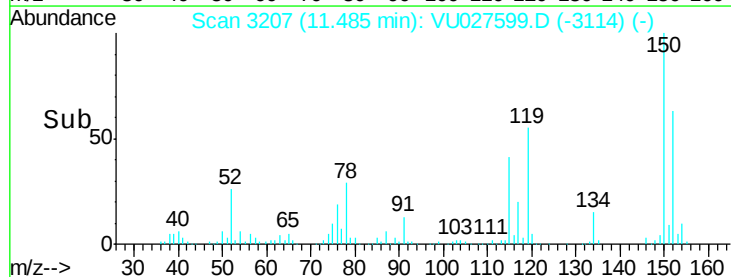
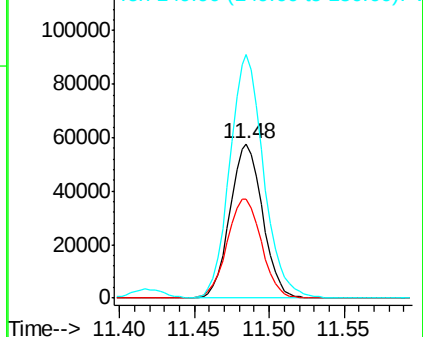
Lab File: VU027599.D

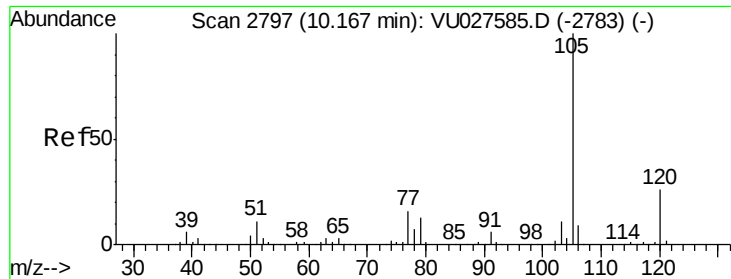
Acq: 11 Oct 2018 15:20

Tgt Ion:	152	Resp:	87394
Ion Ratio	Lower	Upper	
152	100		
115	67.5	43.4	130.2
150	164.2	0.0	349.2



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: 21.10 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

VU1011WBSD01

Tgt Ion: 105 Resp: 124170

Ion Ratio Lower Upper

105 100

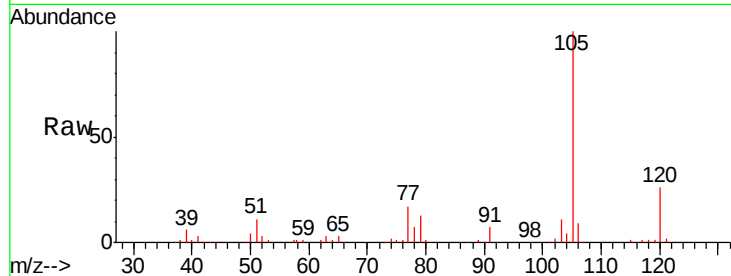
120 25.4 12.6 37.8

Manual Integrations

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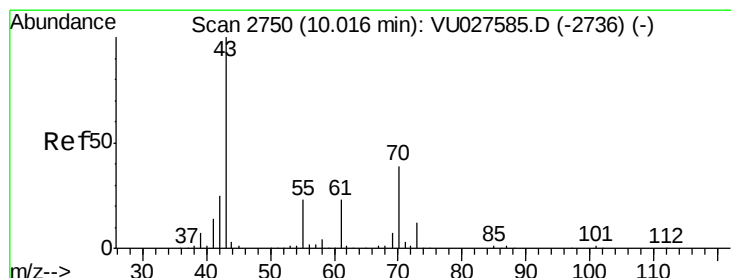
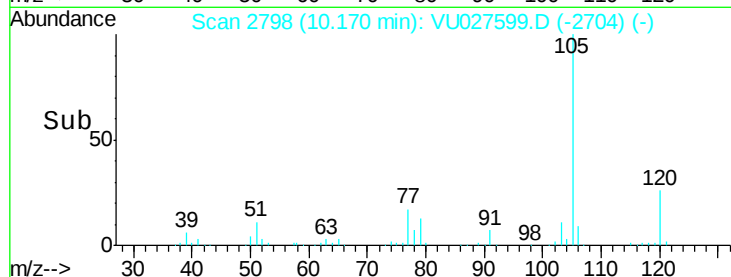
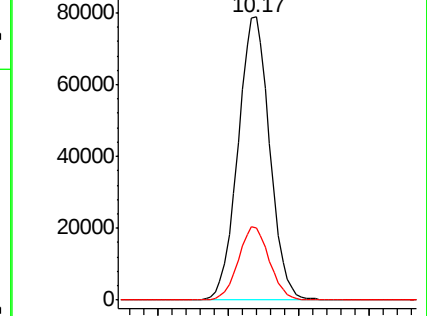
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.57 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion: 43 Resp: 71380

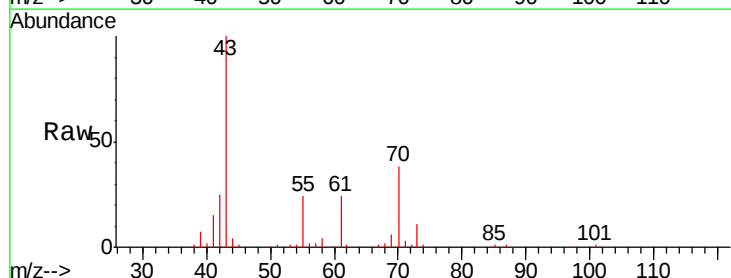
Ion Ratio Lower Upper

43 100

70 38.8 31.3 46.9

55 24.1 19.0 28.6

61 23.4 18.5 27.7

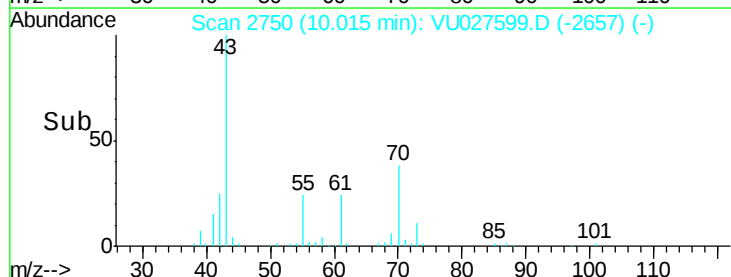
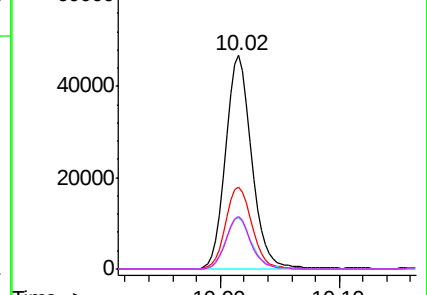


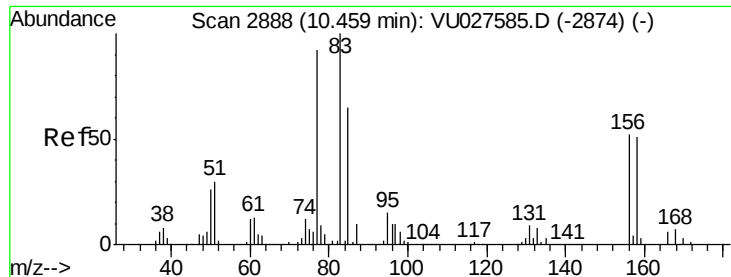
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.58 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

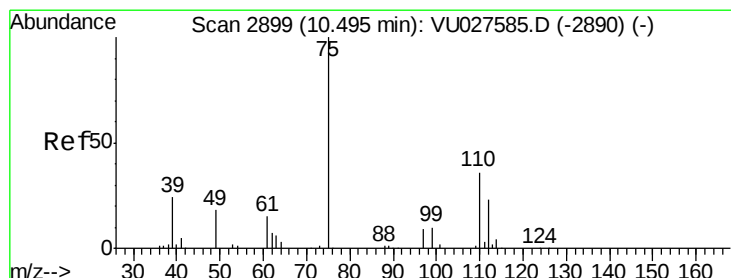
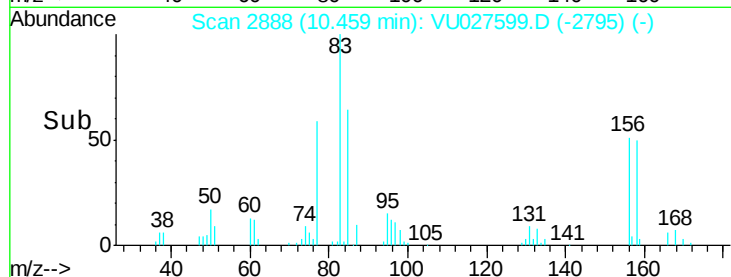
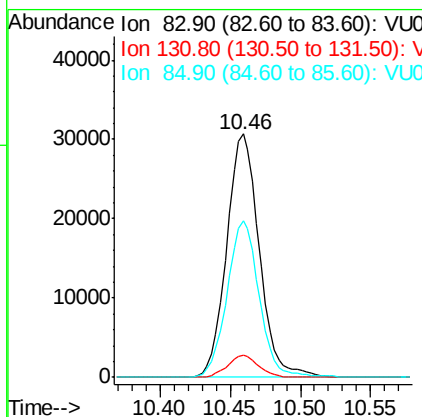
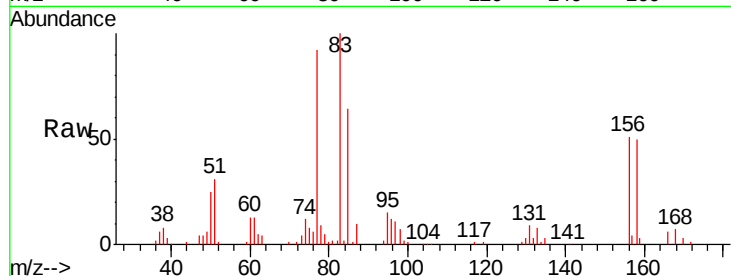
ClientSampleId :

VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.4	13.2
85	63.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.96 ug/l m

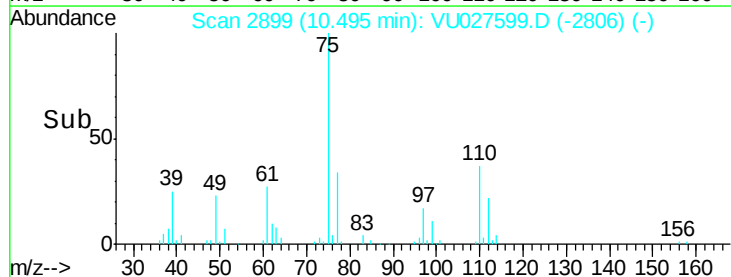
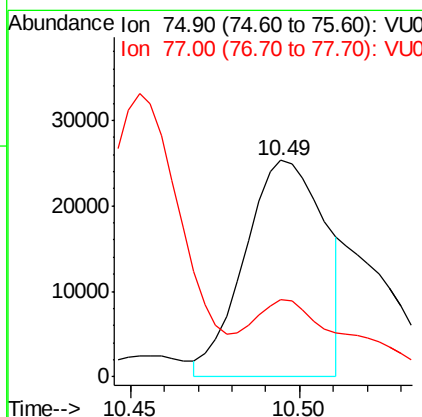
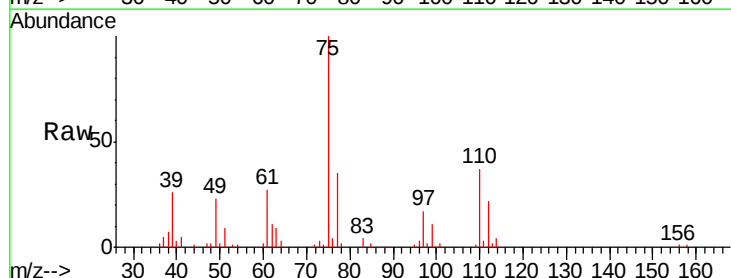
RT: 10.49 min Scan# 2899

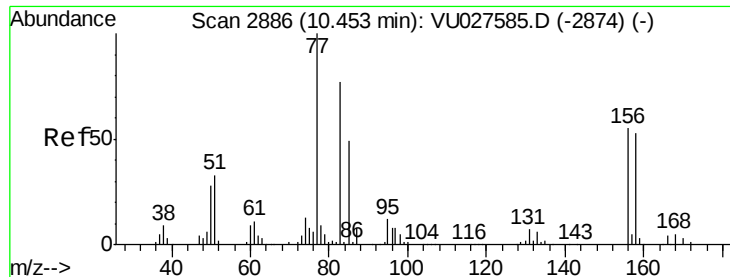
Delta R.T. 0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.3	20.3	60.9





#77

Bromobenzene

Concen: 19.80 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Instrument :

MSVOA_U

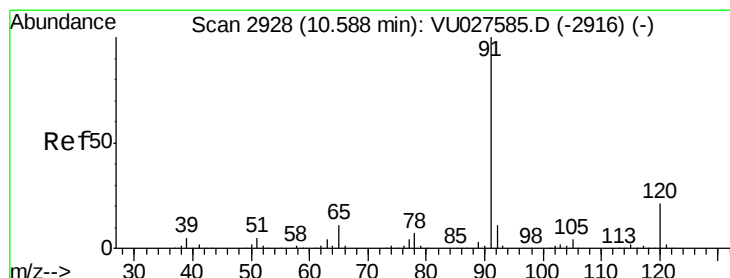
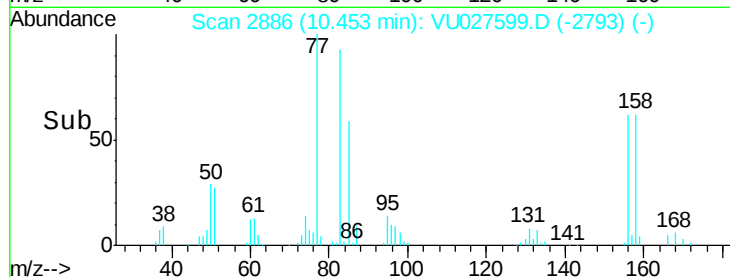
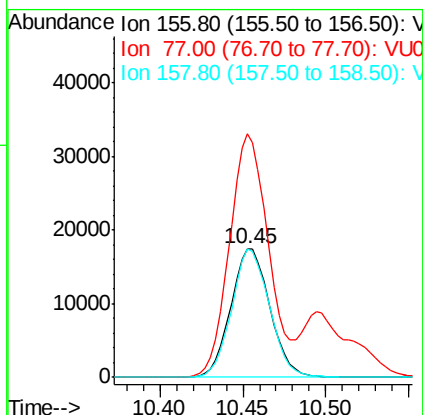
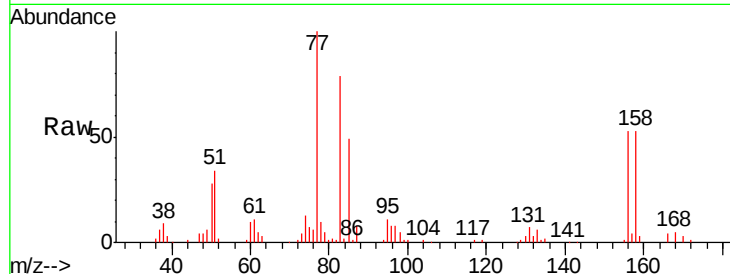
ClientSampleId :

VU1011WBSD01

Tgt Ion: 156 Resp: 28532
 Ion Ratio Lower Upper
 156 100
 77 187.5 94.8 284.4
 158 96.9 47.4 142.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.47 ug/l

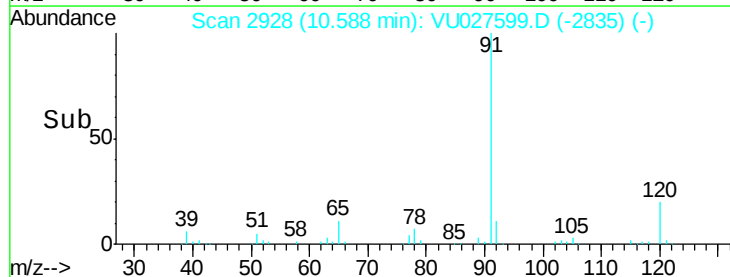
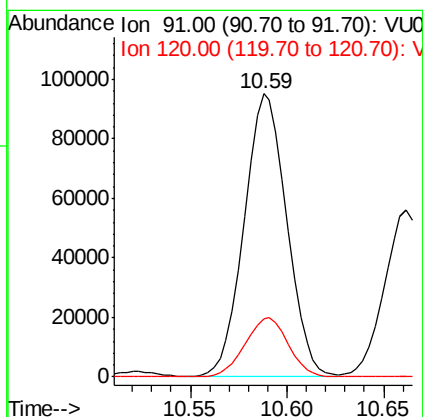
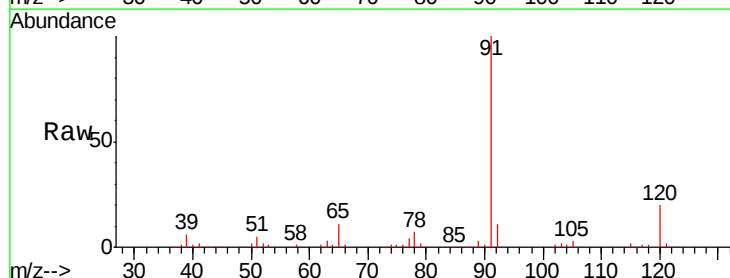
RT: 10.59 min Scan# 2928

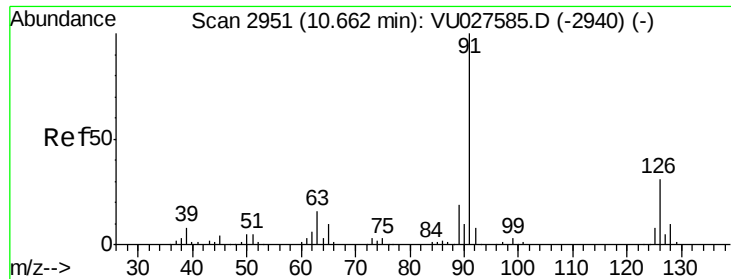
Delta R.T. -0.00 min

Lab File: VU027599.D

Acq: 11 Oct 2018 15:20

Tgt Ion: 91 Resp: 146213
 Ion Ratio Lower Upper
 91 100
 120 21.0 10.6 31.8





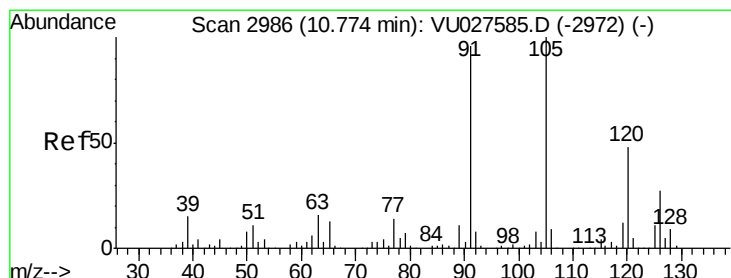
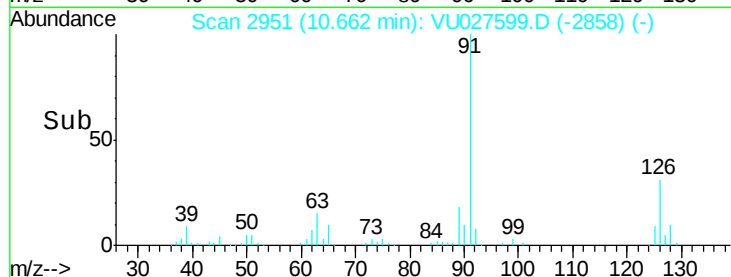
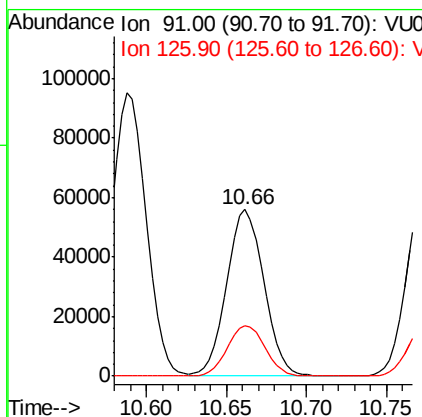
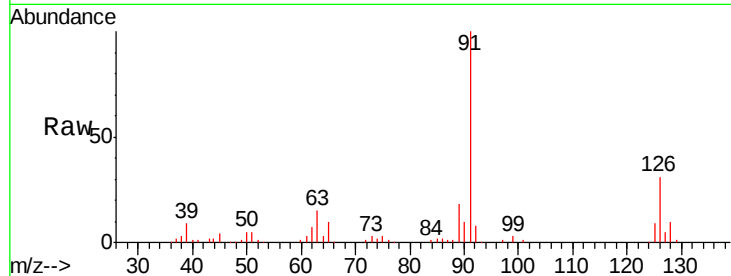
#79
 2-Chlorotoluene
 Concen: 20.43 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion: 91 Resp: 89531
 Ion Ratio Lower Upper
 91 100
 126 30.5 15.7 47.1

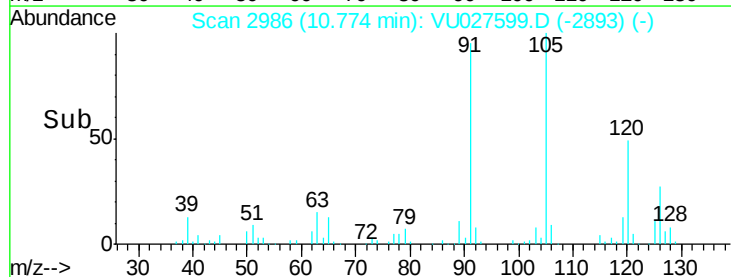
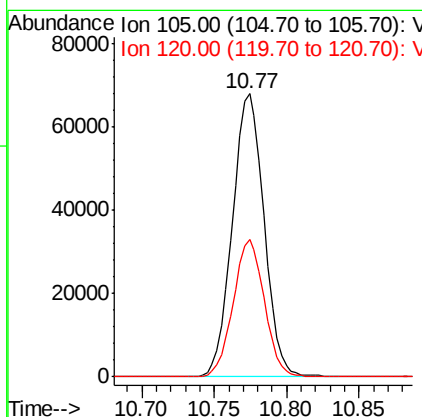
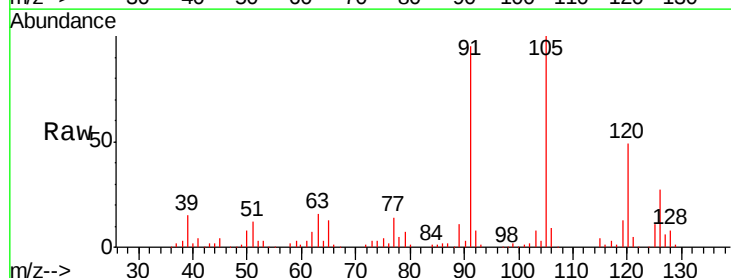
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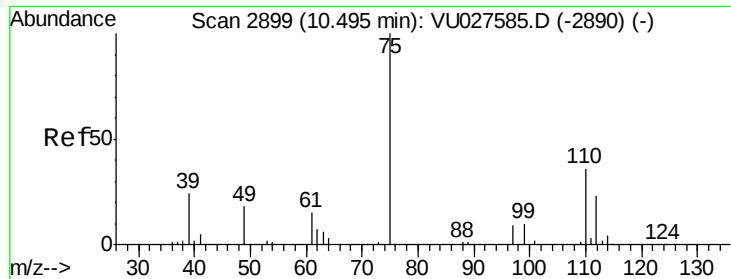
MMDadoda
 10/16/2018 2:22:47 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.67 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion: 105 Resp: 103105
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4





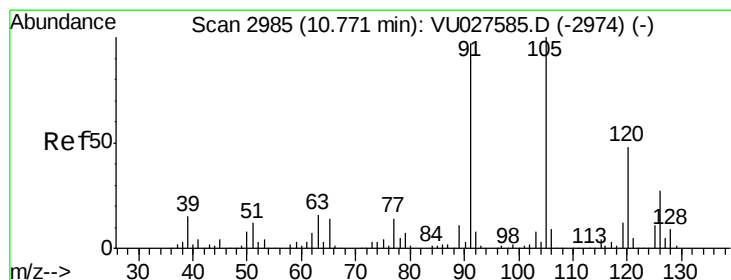
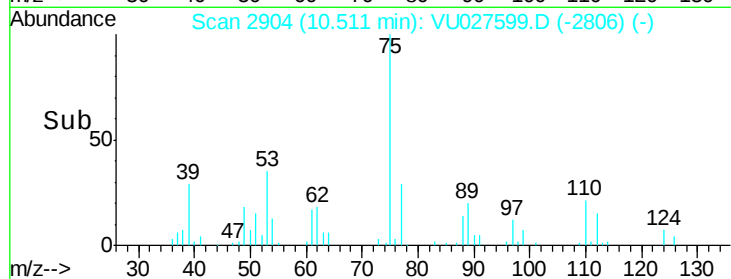
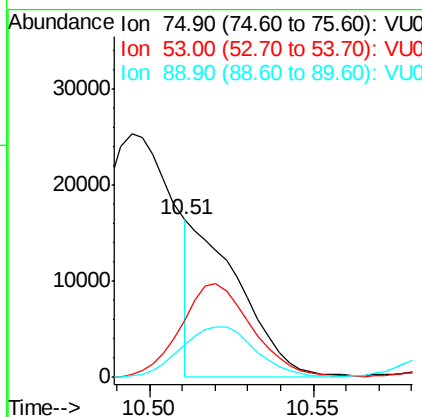
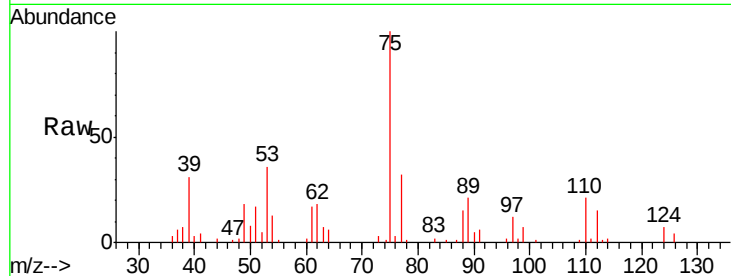
#81
trans-1,4-Dichloro-2-butene
Concen: 18.42 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. 0.02 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

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

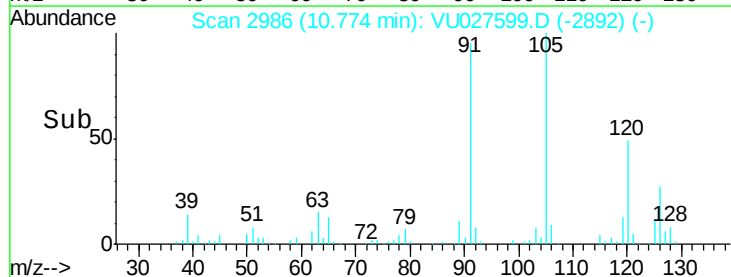
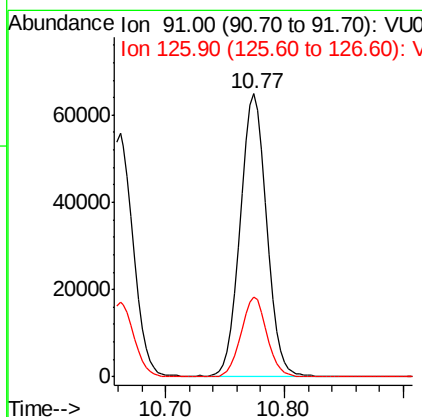
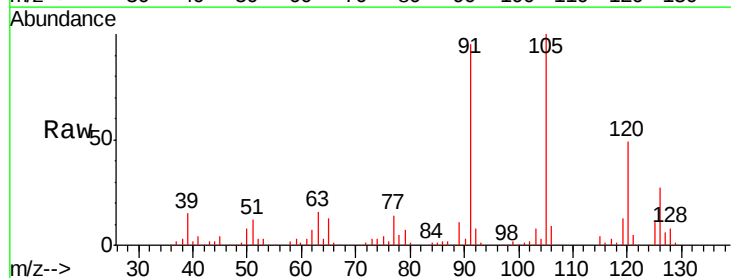
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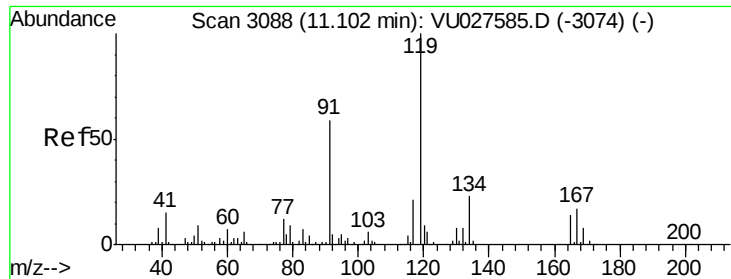
MMDadoda
10/16/2018 2:22:47 PM



#82
4-Chlorotoluene
Concen: 20.49 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	13.6	40.8





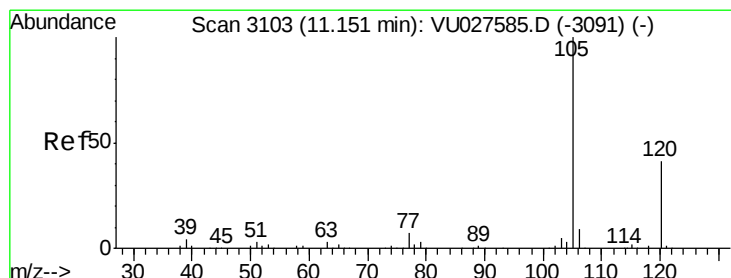
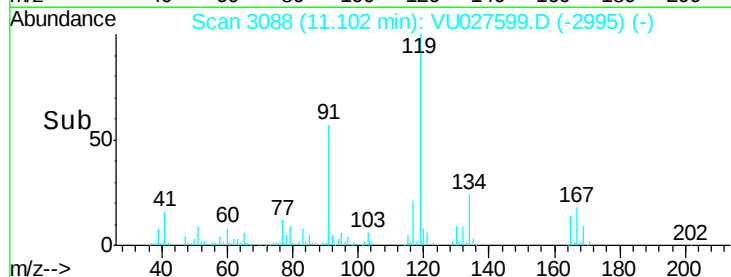
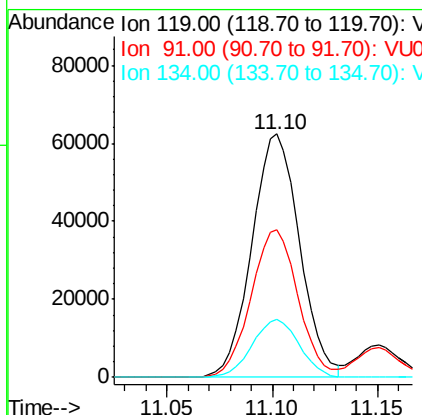
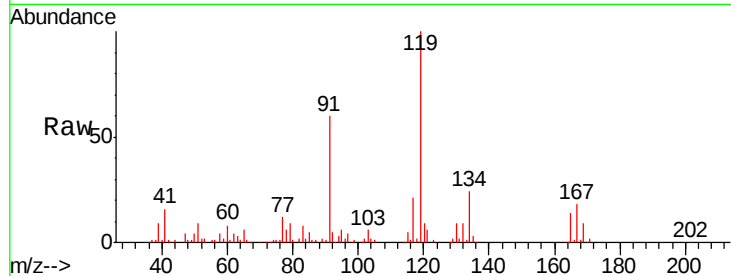
#83
tert-Butylbenzene
Concen: 20.48 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	98468		
91	59.6	30.3	91.0	
134	23.5	11.5	34.4	

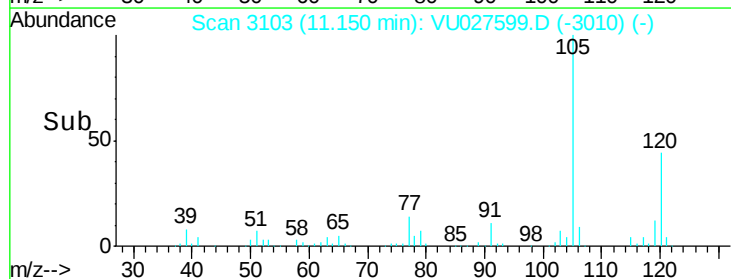
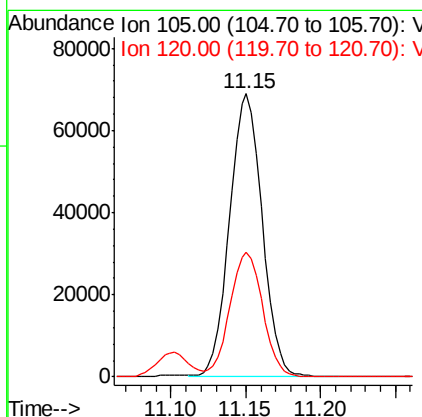
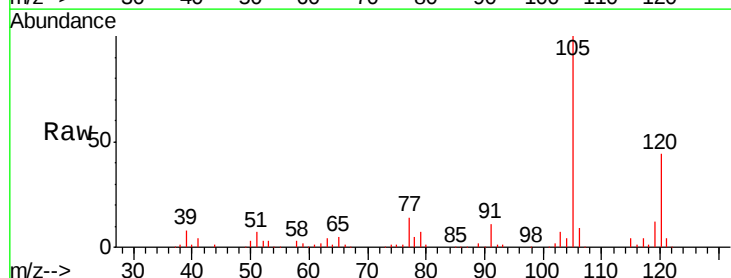
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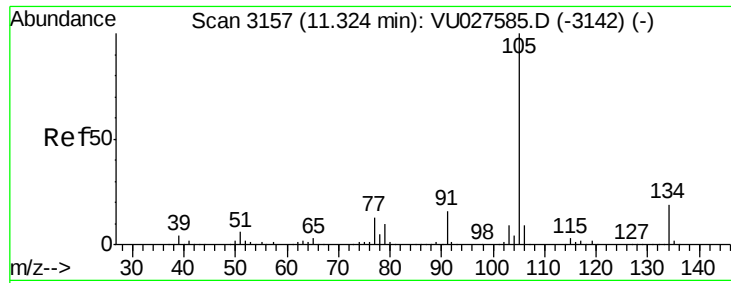
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.56 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105056		
120	44.3	22.1	66.5	





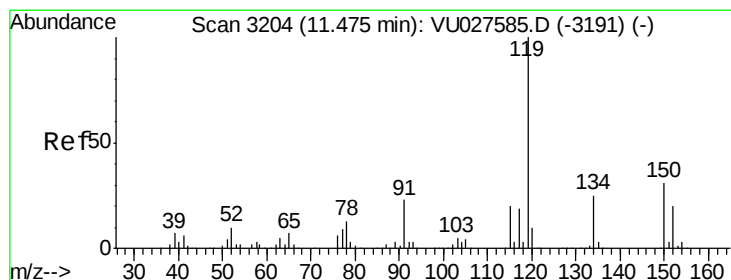
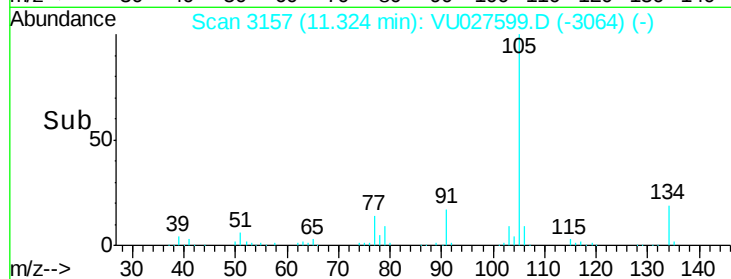
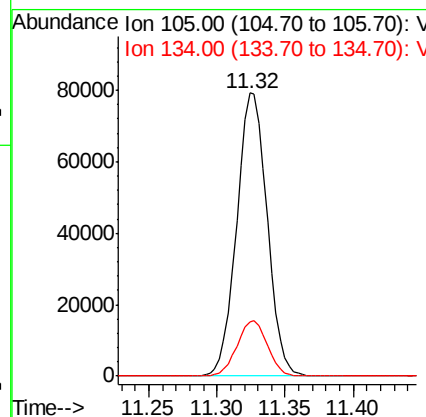
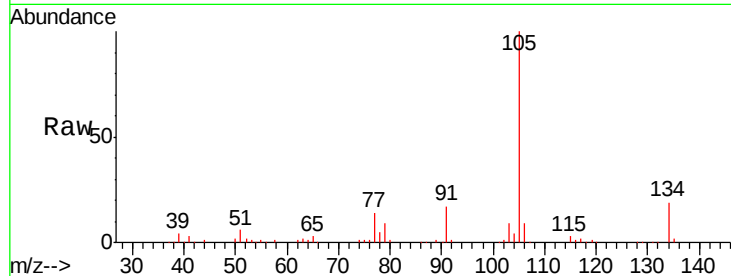
#85
 sec-Butylbenzene
 Concen: 19.53 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion:105 Resp: 122746
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

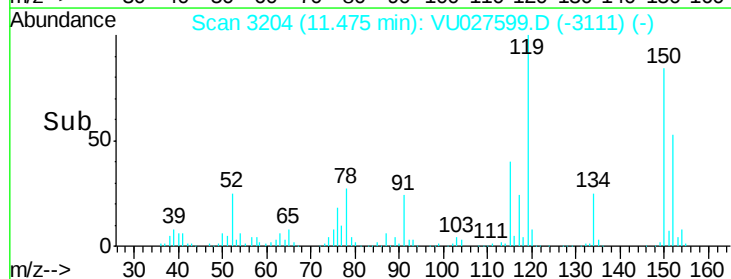
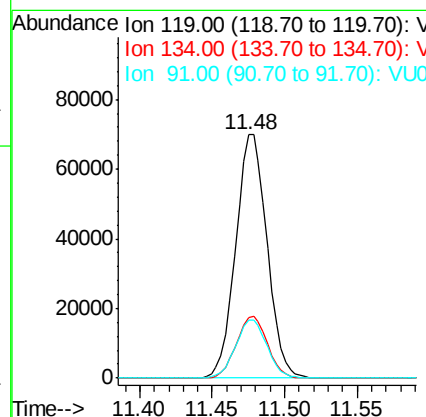
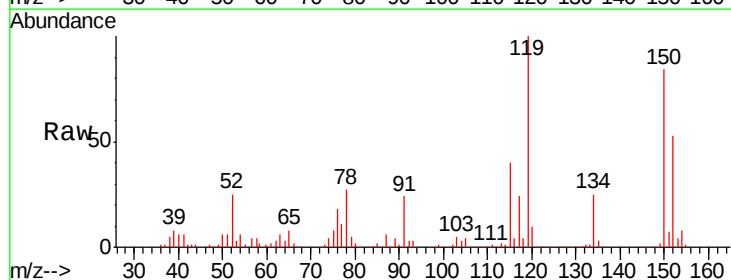
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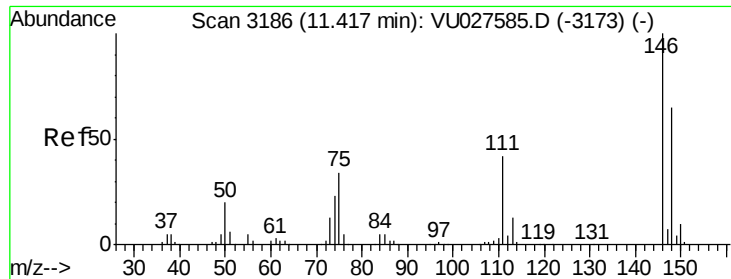
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#86
 p-Isopropyltoluene
 Concen: 19.27 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion:119 Resp: 104578
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.0 12.2 36.4





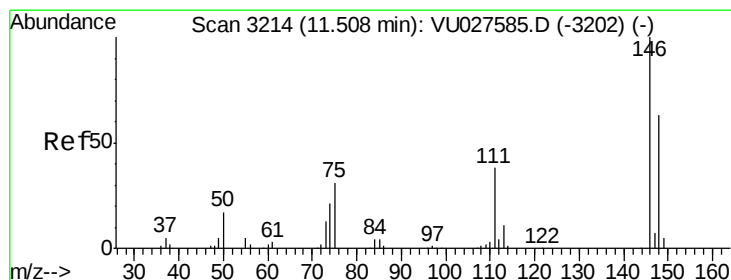
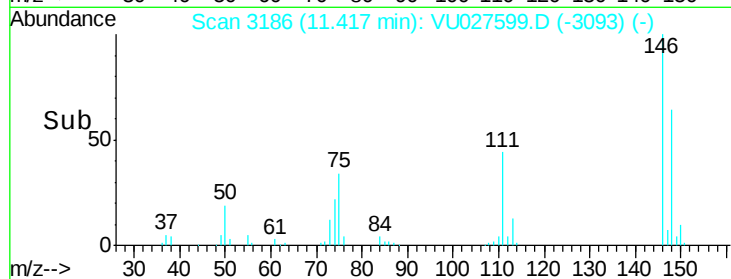
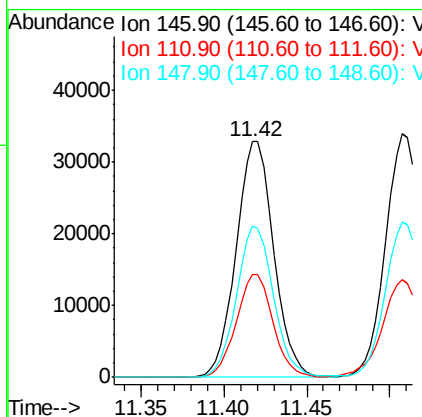
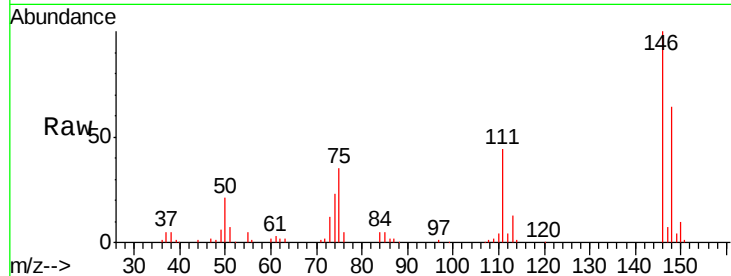
#87
 1,3-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.8	62.5
148	63.1	31.6	94.8

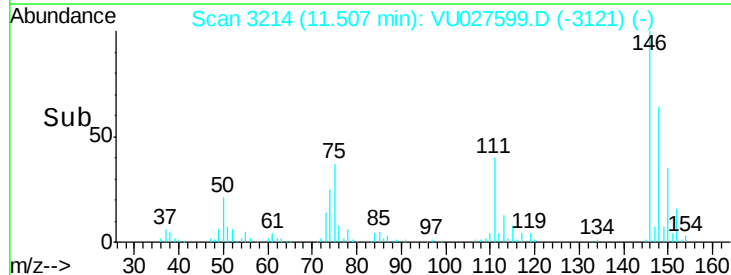
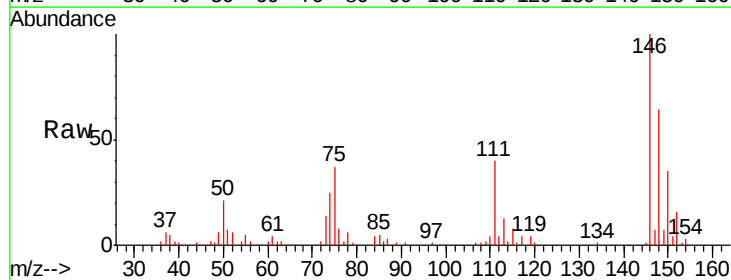
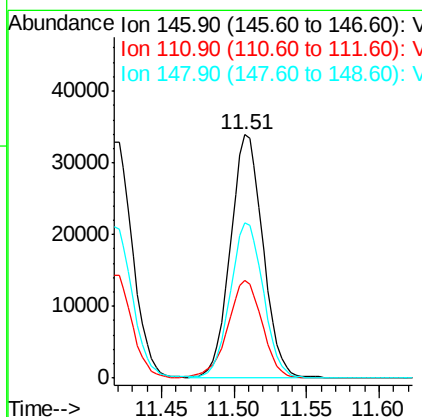
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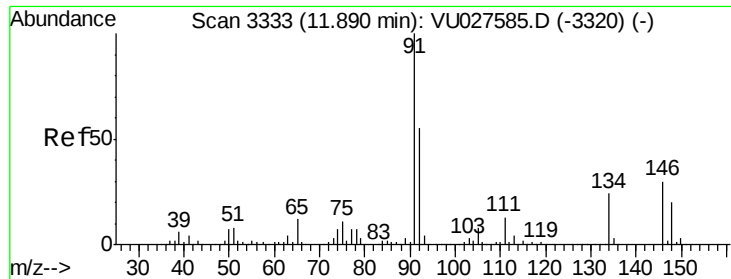
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#88
 1,4-Dichlorobenzene
 Concen: 18.66 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU027599.D
 Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.4	61.2
148	65.0	31.9	95.5





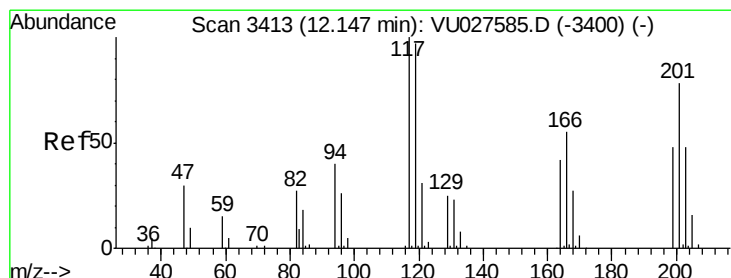
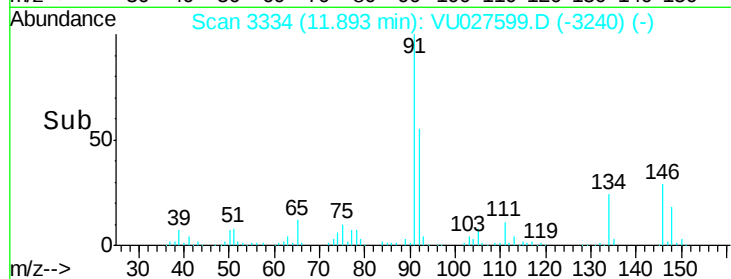
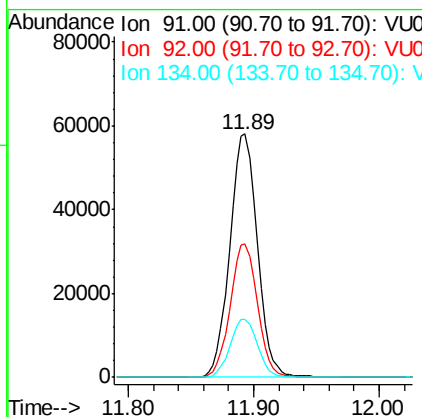
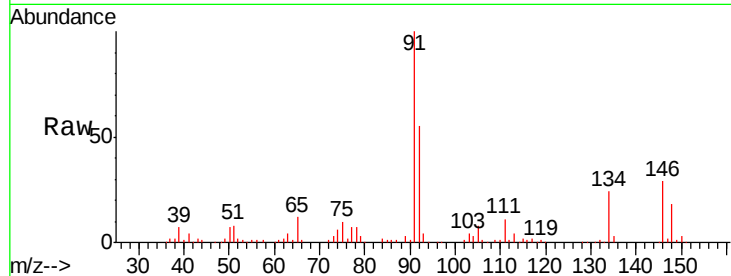
#89
n-Butylbenzene
Concen: 17.90 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion: 91 Resp: 88765
Ion Ratio Lower Upper
91 100
92 54.2 27.0 81.0
134 23.7 11.7 35.1

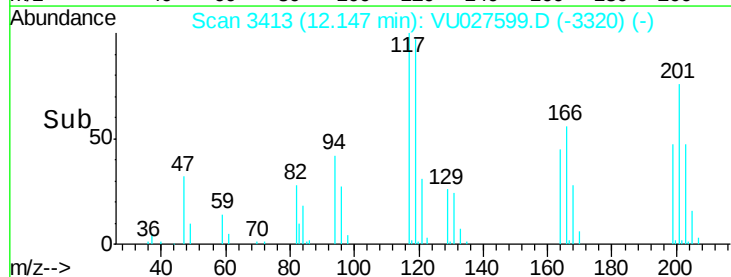
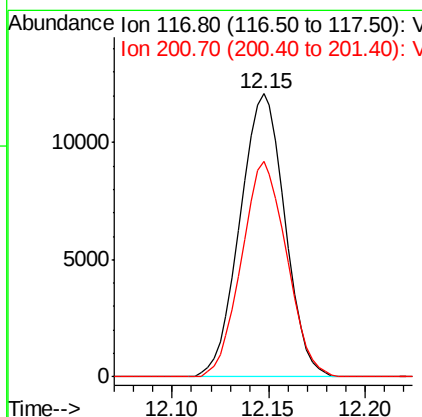
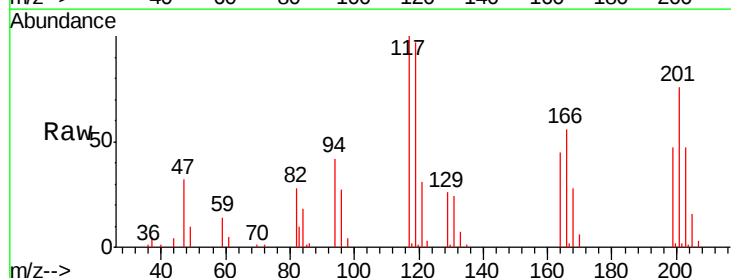
Manual Integrations
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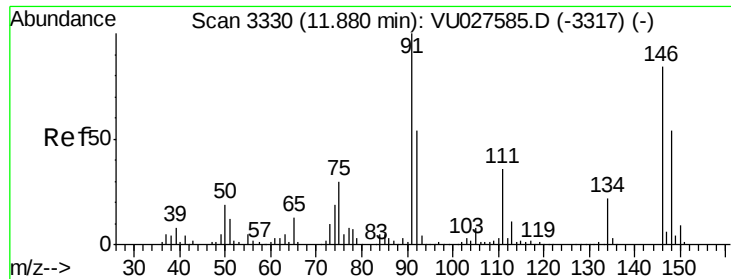
MMDadoda
10/16/2018 2:22:47 PM



#90
Hexachloroethane
Concen: 20.09 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion: 117 Resp: 19542
Ion Ratio Lower Upper
117 100
201 76.7 37.9 113.6





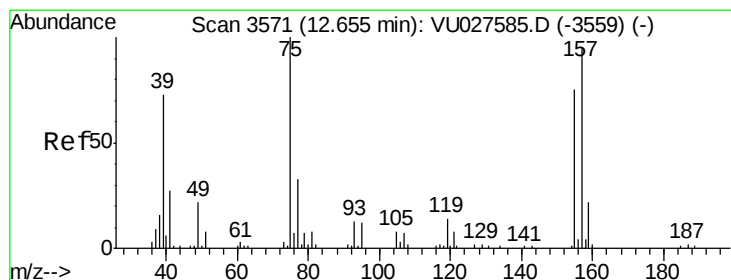
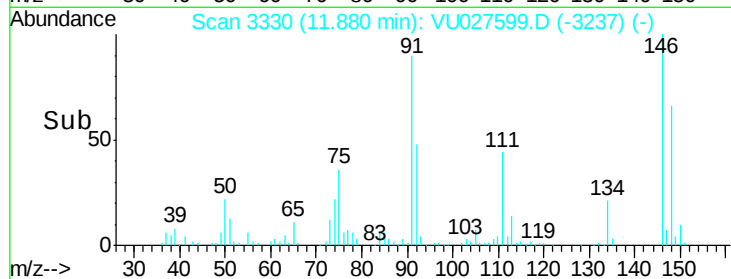
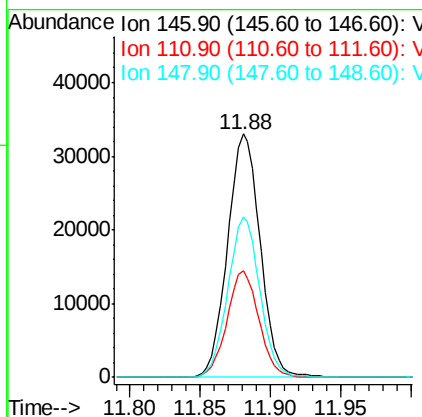
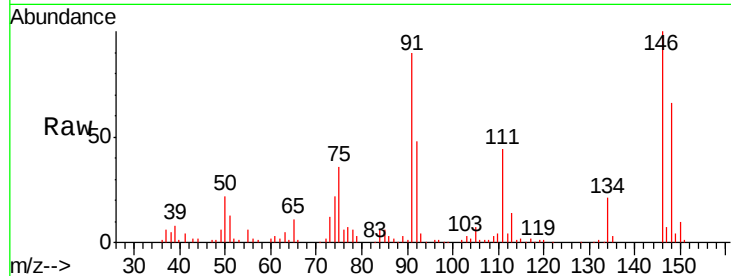
#91
1,2-Dichlorobenzene
Concen: 19.82 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.8	65.4
148	64.3	31.9	95.5

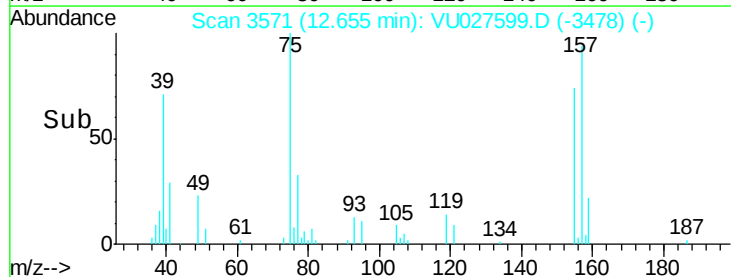
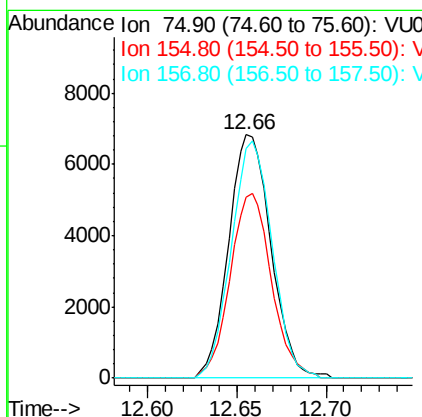
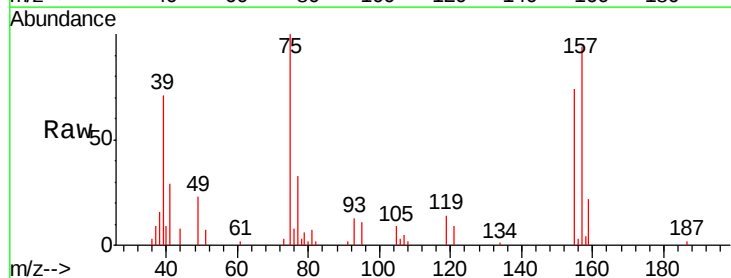
Manual Integrations
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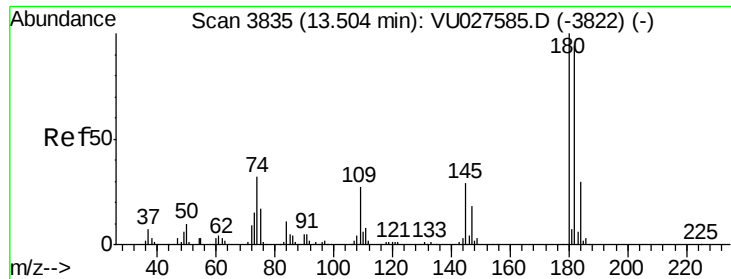
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.45 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	35.9	107.8
157	94.4	46.9	140.6





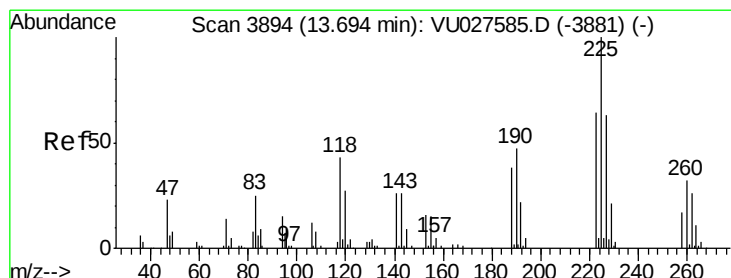
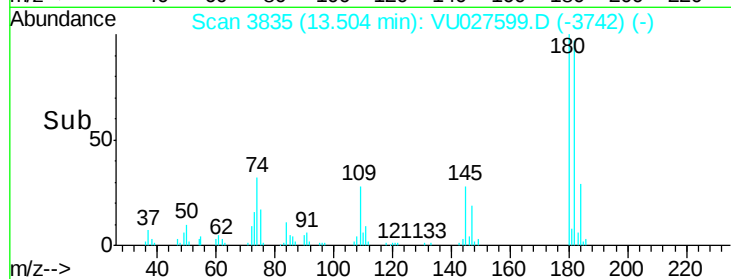
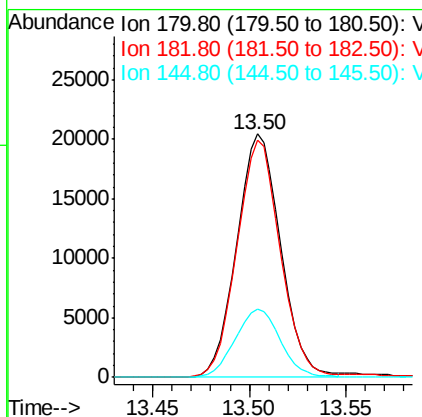
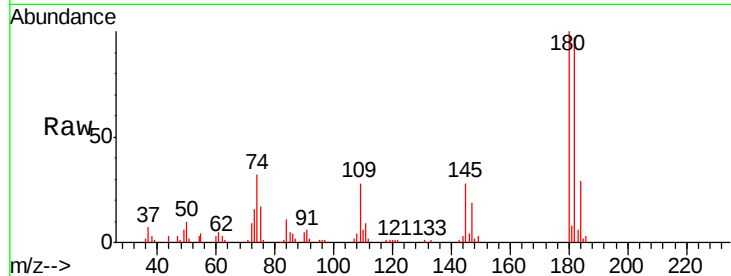
#93
1,2,4-Trichlorobenzene
Concen: 18.32 ug/l
RT: 13.50 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.4	142.3
145	28.8	14.6	44.0

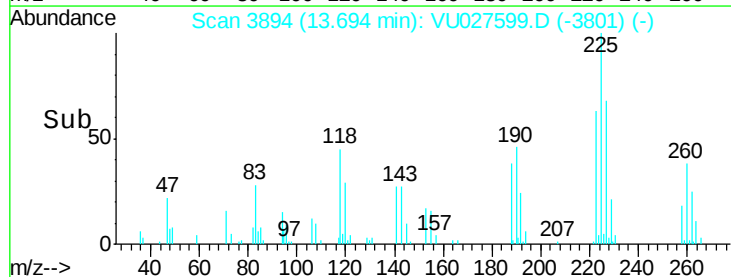
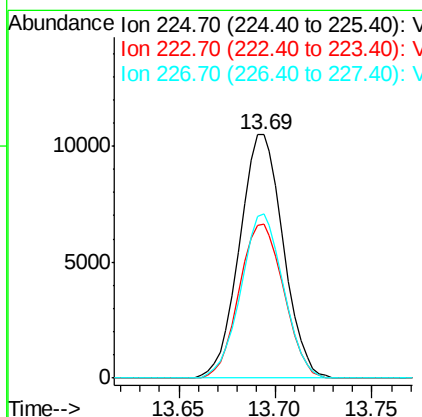
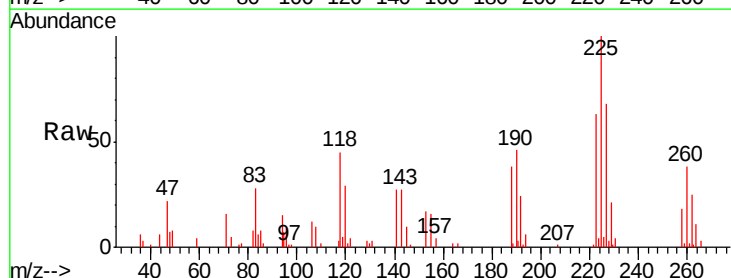
Manual Integrations
APPROVED

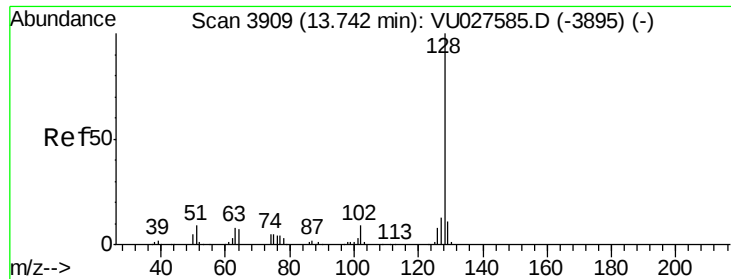
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10/16/2018 2:22:47 PM



#94
Hexachlorobutadiene
Concen: 19.03 ug/l
RT: 13.69 min Scan# 3894
Delta R.T. -0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.8	95.3
227	65.8	31.9	95.7





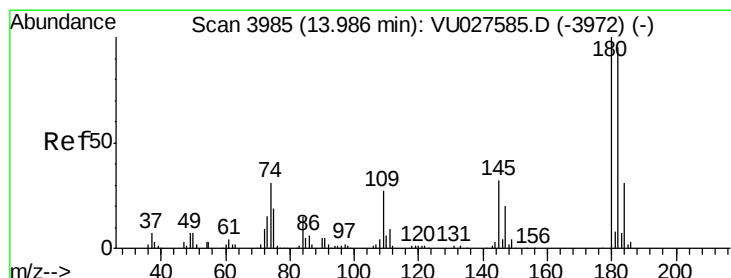
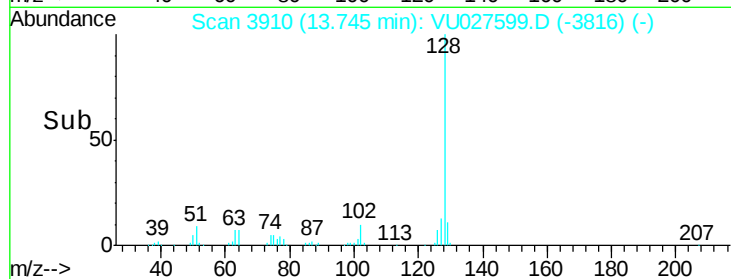
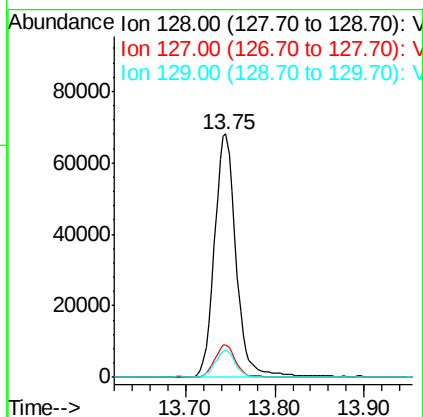
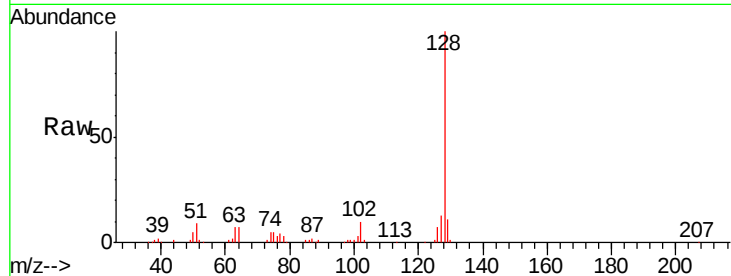
#95
Naphthalene
Concen: 18.53 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
VU1011WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.2	8.6	12.8

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.85 ug/l
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027599.D
Acq: 11 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	31.2	15.9	47.7

