

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048747.D
 Acq On : 31 May 2022 18:42
 Operator : SY/MD
 Sample : N3033-09DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16DL

Quant Time: Jun 01 02:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	233242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	409750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	393762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	203485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	183117	52.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.560%			
35) Dibromofluoromethane	5.292	113	137982	47.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	7.899	98	471498	44.995	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.000%#			
62) 4-Bromofluorobenzene	10.632	95	191676	48.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						Qvalue
5) Bromomethane	1.858	94	20	Below Cal	#	3
6) Chloroethane	2.054	64	331	Below Cal		95
11) Tert butyl alcohol	3.186	59	5141	5.789	ug/l #	28
13) Acrolein	2.482	56	289	Below Cal	#	1
15) Acrylonitrile	3.330	53	614	0.319	ug/l #	83
16) Acetone	2.636	43	2339	1.310	ug/l	91
17) Carbon Disulfide	2.793	76	1949	0.281	ug/l #	75
20) Methylene Chloride	3.044	84	747	0.246	ug/l	90
25) 2-Butanone	4.729	43	597	0.233	ug/l #	49
29) Tetrahydrofuran	5.054	42	329	0.204	ug/l #	36
31) Cyclohexane	5.382	56	10177	2.305	ug/l #	38
36) 1,1-Dichloropropene	5.372	75	18703	4.384	ug/l #	50
38) Carbon Tetrachloride	5.375	117	23351	4.771	ug/l #	17
39) Methylcyclohexane	6.764	83	3634	0.812	ug/l #	89
40) Benzene	5.780	78	11719	0.930	ug/l	92
49) 1,4-Dioxane	6.973	88	366	4.659	ug/l #	52
51) 4-Methyl-2-Pentanone	7.796	43	3157	0.621	ug/l	97
52) Toluene	7.970	92	6811	0.904	ug/l	91
56) Ethyl methacrylate	8.333	69	247	2.658	ug/l #	26
58) 2-Chloroethyl Vinyl ether	7.462	63	40	29.787	ug/l #	47
59) 2-Hexanone	8.690	43	4123	0.988	ug/l	87
64) Tetrachloroethene	8.555	164	376	Below Cal	#	61
67) Ethyl Benzene	9.571	91	225709	16.069	ug/l	99
68) m/p-Xylenes	9.693	106	194934	35.484	ug/l	98
69) o-Xylene	10.102	106	73623	13.641	ug/l	97
70) Styrene	10.102	104	5544	0.624	ug/l #	1
73) Isopropylbenzene	10.484	105	11800	0.898	ug/l	99
74) N-amyl acetate	10.324	43	1562	2.690	ug/l #	85
76) 1,2,3-Trichloropropane	10.632	75	98534	15.018	ug/l #	48
78) n-propylbenzene	10.909	91	41905	2.677	ug/l	99
79) 2-Chlorotoluene	10.999	91	5612	0.576	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.089	105	51770	4.532	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.632	75	98534	54.530	ug/l #	13
82) 4-Chlorotoluene	11.092	91	7282	0.648	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.468	105	283157	23.639	ug/l	100
85) sec-Butylbenzene	11.468	105	283157	20.643	ug/l #	58

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 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

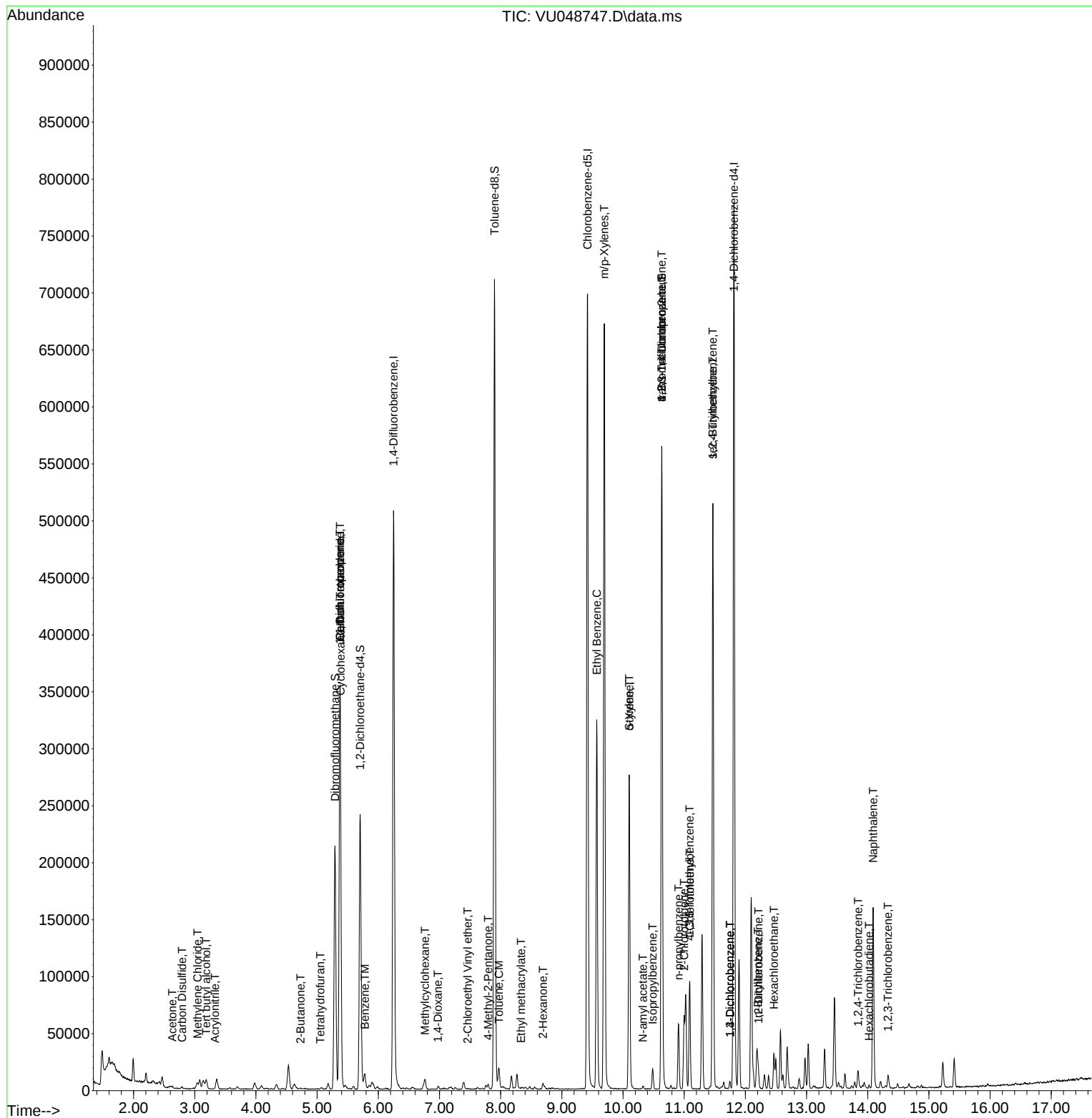
87) 1,3-Dichlorobenzene	11.751	146	1573	0.227	ug/l	96
88) 1,4-Dichlorobenzene	11.751	146	1573	0.220	ug/l	97
89) n-Butylbenzene	12.208	91	10674	3.051	ug/l #	50
90) Hexachloroethane	12.468	117	1847	0.768	ug/l #	10
91) 1,2-Dichlorobenzene	12.214	146	1486	0.213	ug/l	88
93) 1,2,4-Trichlorobenzene	13.841	180	3480	0.759	ug/l	96
94) Hexachlorobutadiene	14.021	225	638	0.290	ug/l	86
95) Naphthalene	14.089	128	131006	10.298	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	3610	0.795	ug/l	90

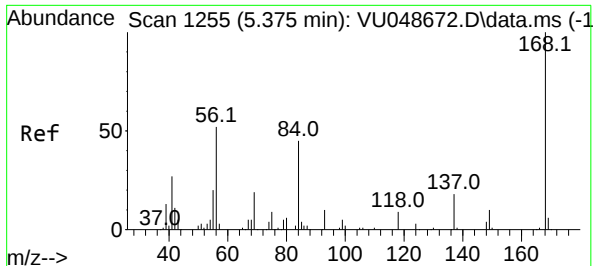
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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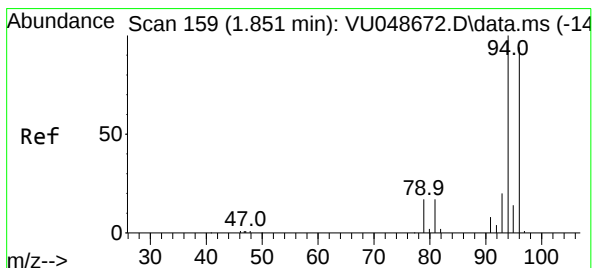
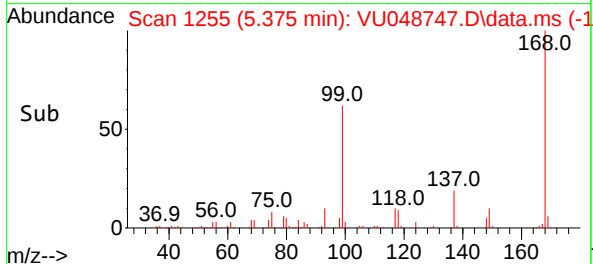
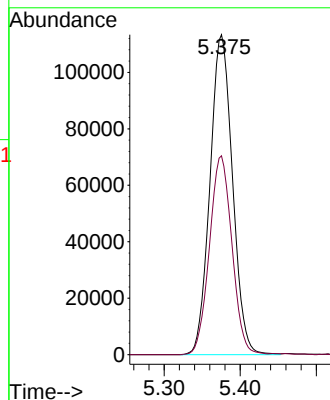
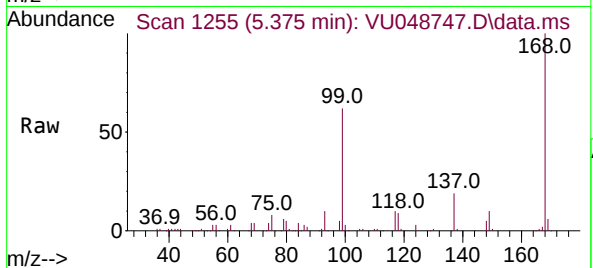




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

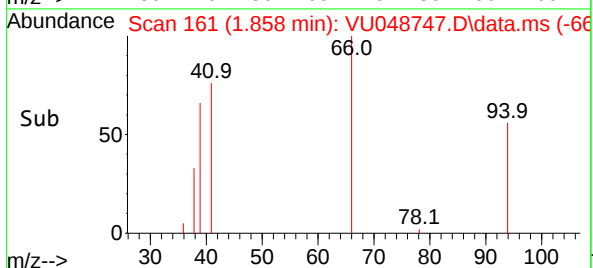
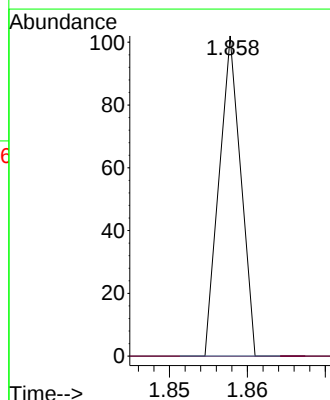
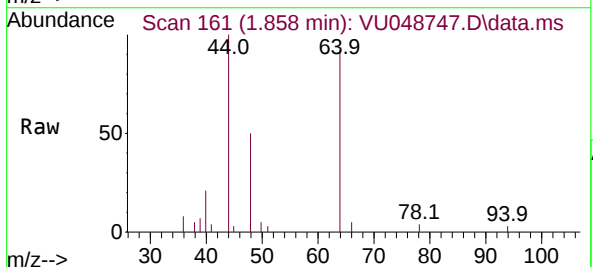
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

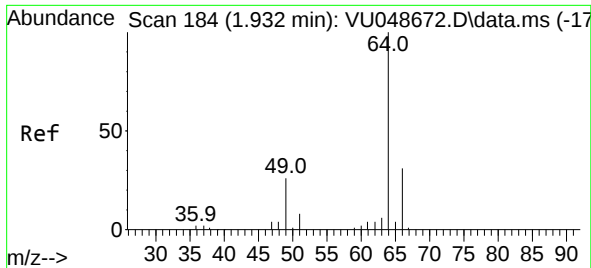
Tgt Ion:168 Resp: 233242
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9



#5
Bromomethane
Concen: Below Cal
RT: 1.858 min Scan# 161
Delta R.T. 0.007 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#

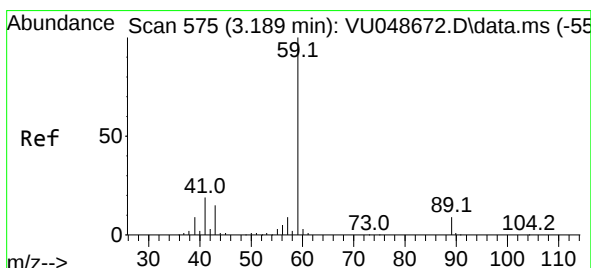
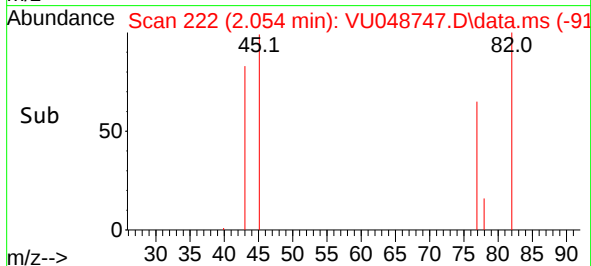
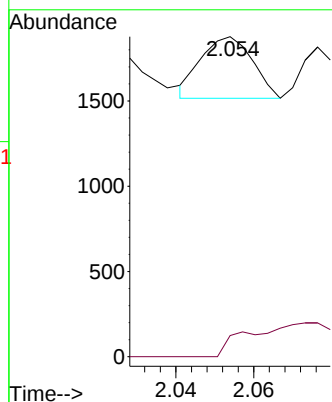
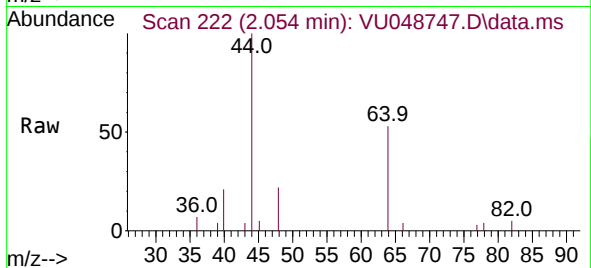




#6
Chloroethane
Concen: Below Cal
RT: 2.054 min Scan# 21
Delta R.T. 0.122 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

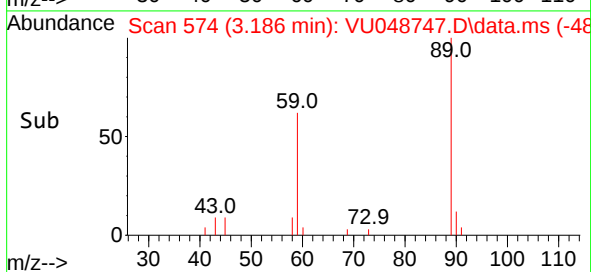
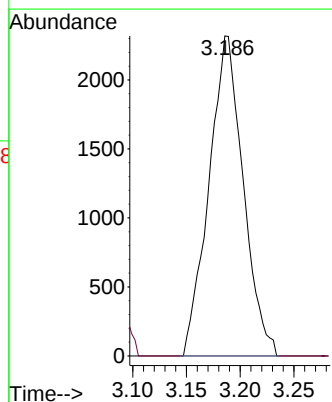
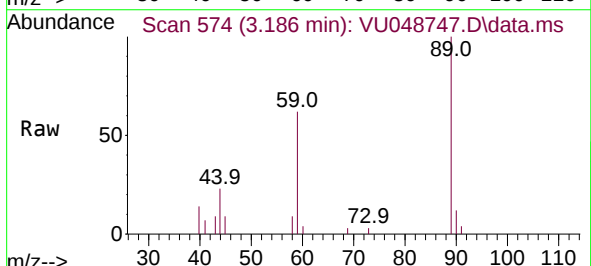
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

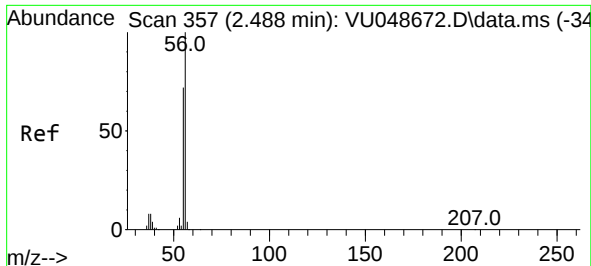
Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 34.3 25.2 37.8



#11
Tert butyl alcohol
Concen: 5.789 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 59 Resp: 5141
Ion Ratio Lower Upper
59 100
57 0.0 39.7 59.5#

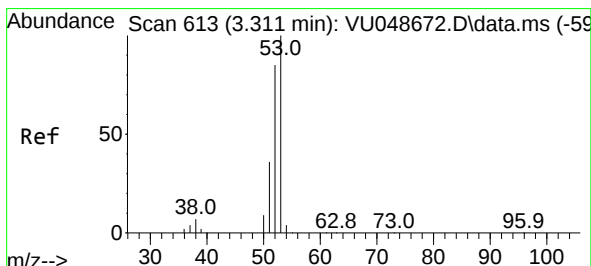
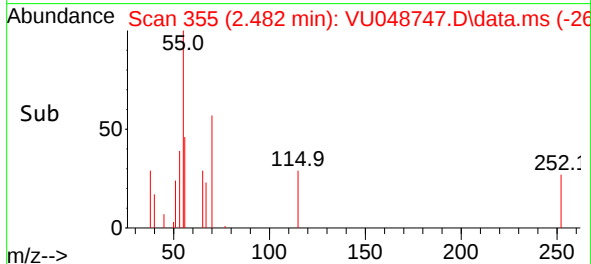
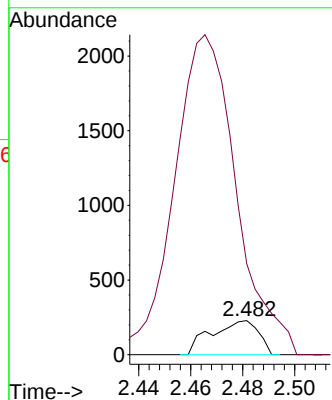
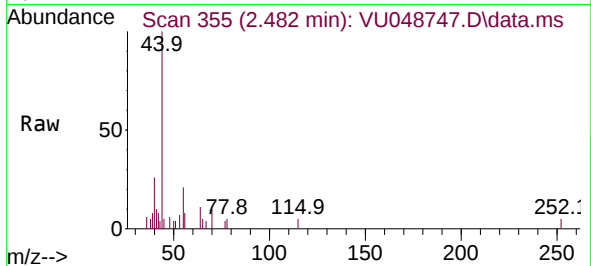




#13
Acrolein
Concen: Below Cal
RT: 2.482 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

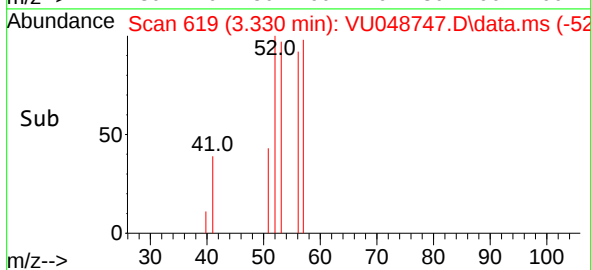
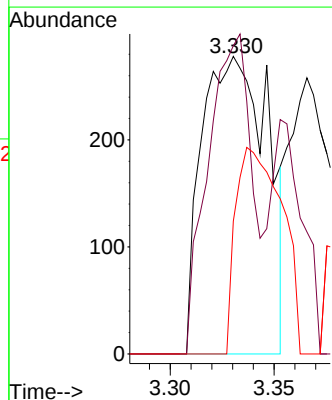
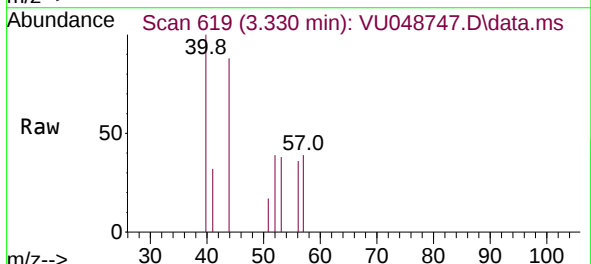
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

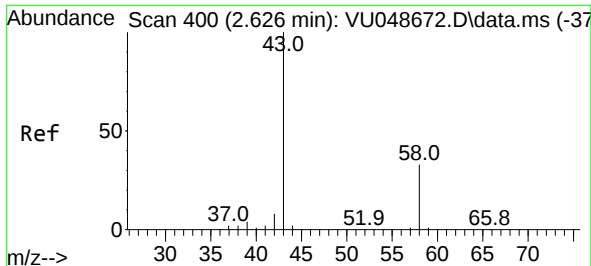
Tgt Ion: 56 Resp: 289
Ion Ratio Lower Upper
56 100
55 1220.1 57.7 86.5#



#15
Acrylonitrile
Concen: 0.319 ug/l
RT: 3.330 min Scan# 619
Delta R.T. 0.019 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 53 Resp: 614
Ion Ratio Lower Upper
53 100
52 70.2 66.3 99.5
51 48.7 28.6 42.8#

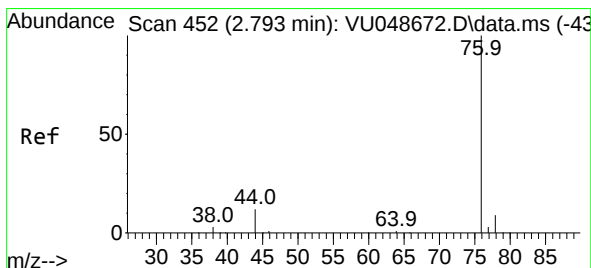
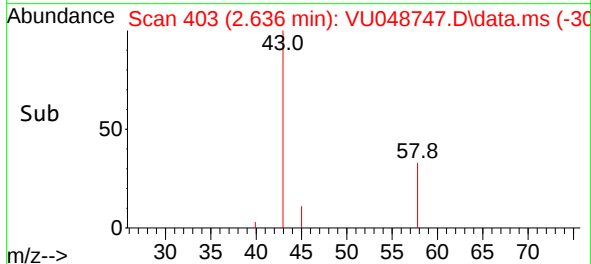
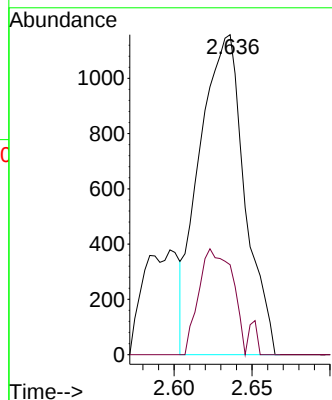
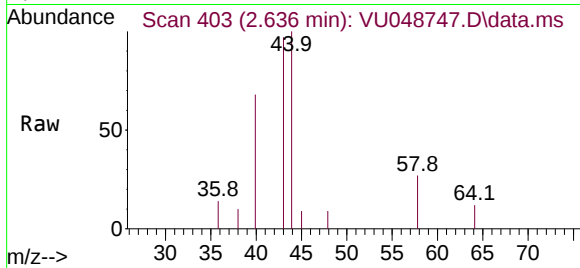




#16
Acetone
Concen: 1.310 ug/l
RT: 2.636 min Scan# 400
Delta R.T. 0.010 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

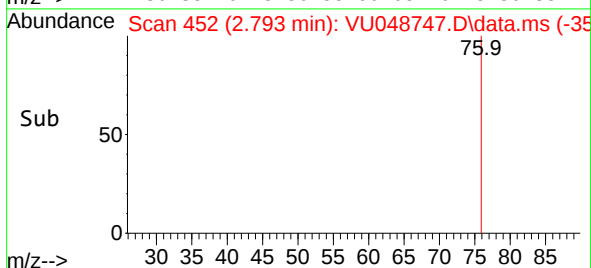
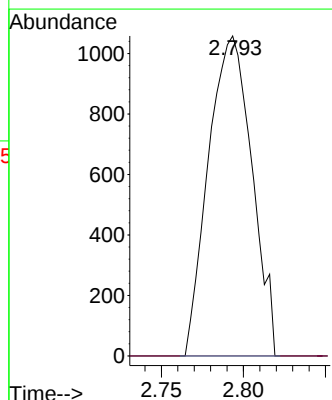
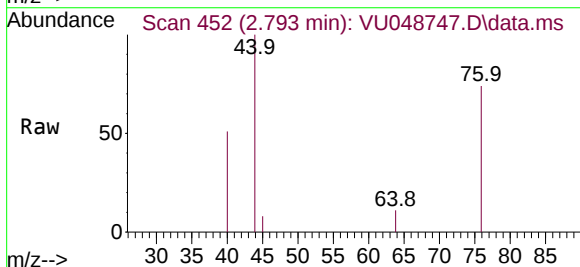
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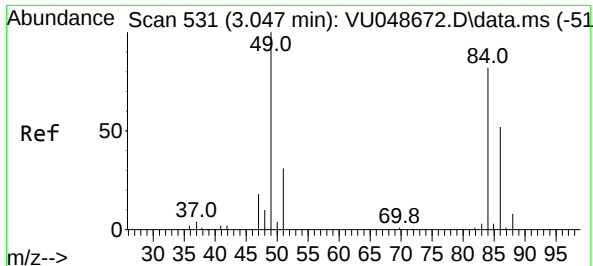
Tgt Ion: 43 Resp: 2339
Ion Ratio Lower Upper
43 100
58 28.1 26.3 39.5



#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 76 Resp: 1949
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

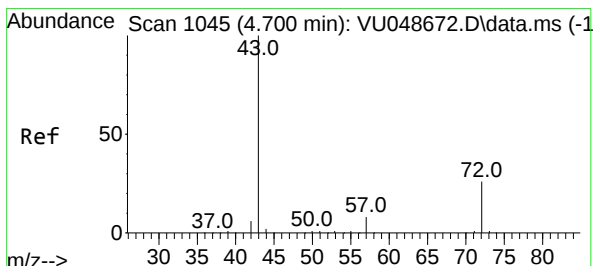
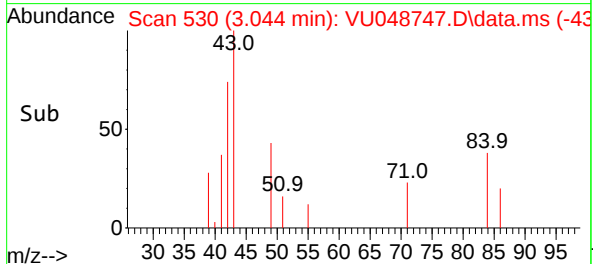
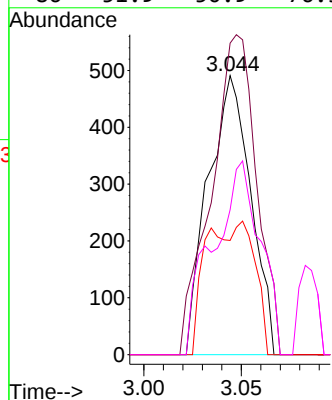
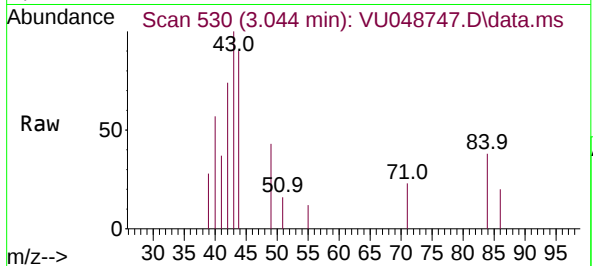




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

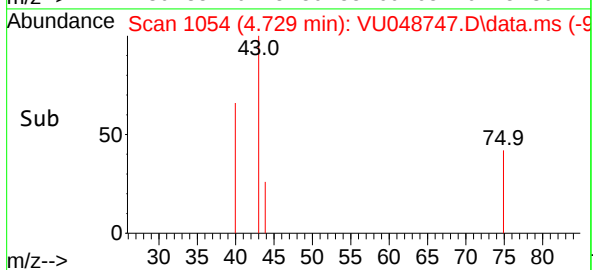
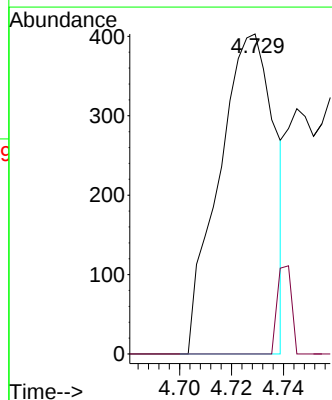
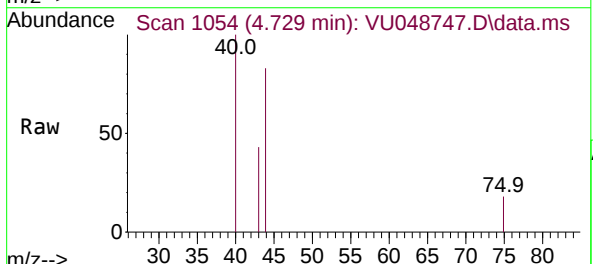
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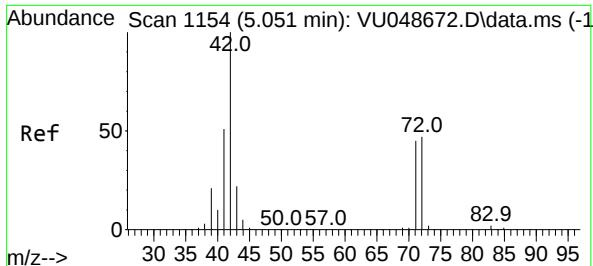
Tgt Ion:	84	Resp:	747
Ion	Ratio	Lower	Upper
84	100		
49	111.6	97.0	145.4
51	40.9	29.8	44.8
86	51.9	50.9	76.3



#25
2-Butanone
Concen: 0.233 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.029 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion:	43	Resp:	597
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#

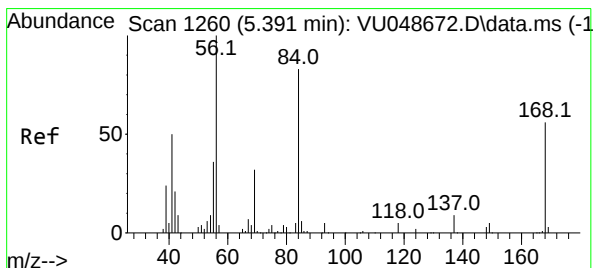
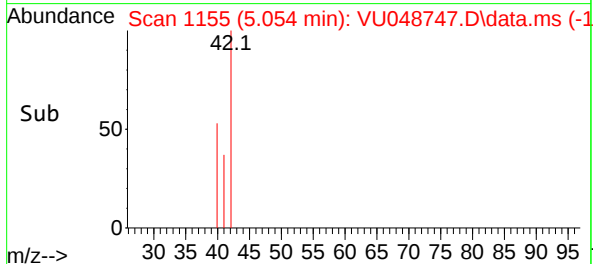
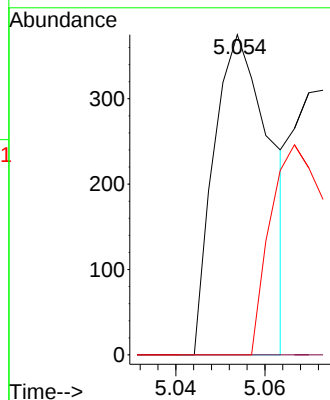
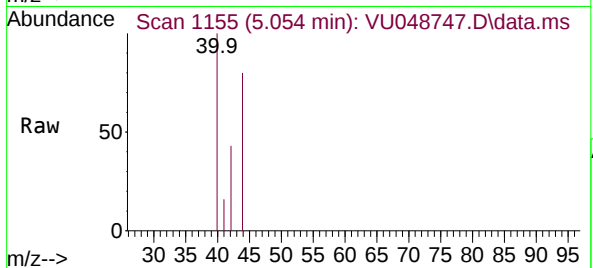




#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.054 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

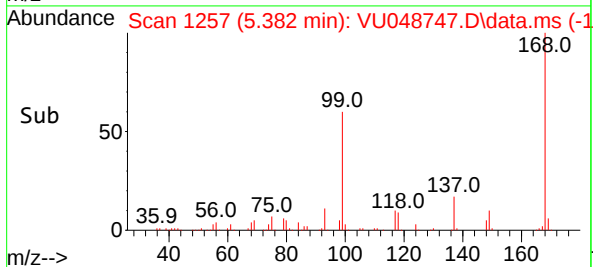
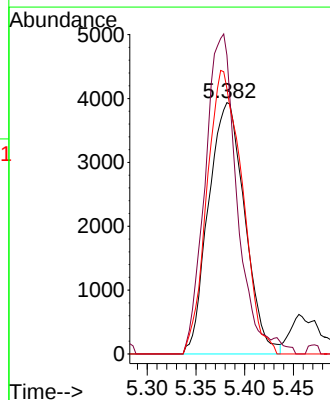
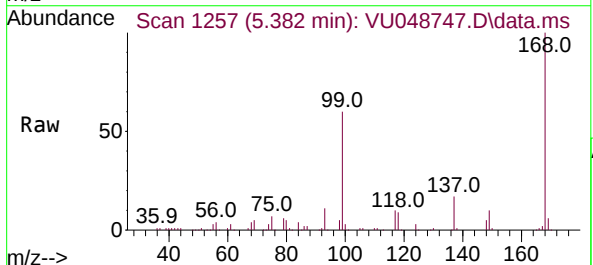
Instrument :
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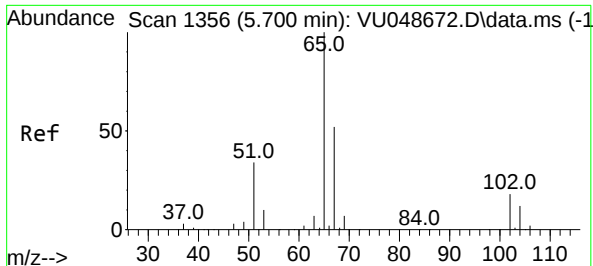
Tgt Ion: 42 Resp: 329
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 79.9 35.0 52.4#



#31
Cyclohexane
Concen: 2.305 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 56 Resp: 10177
Ion Ratio Lower Upper
56 100
69 118.8 25.6 38.4#
84 105.5 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 52.277 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

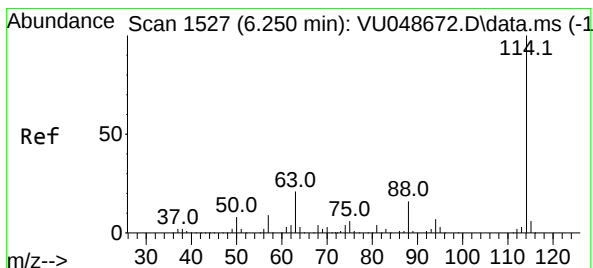
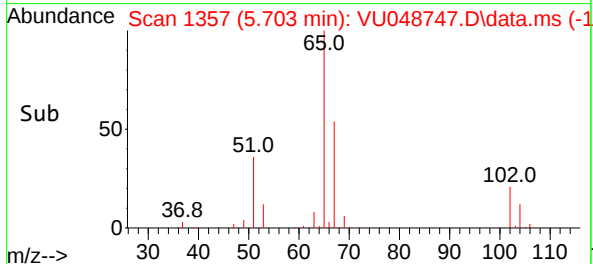
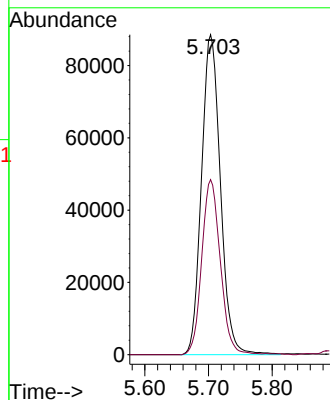
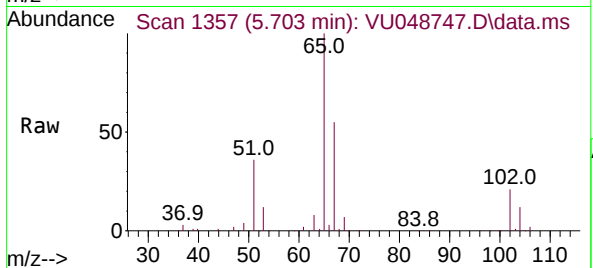
TW-16DL

Tgt Ion: 65 Resp: 183117

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048747.D

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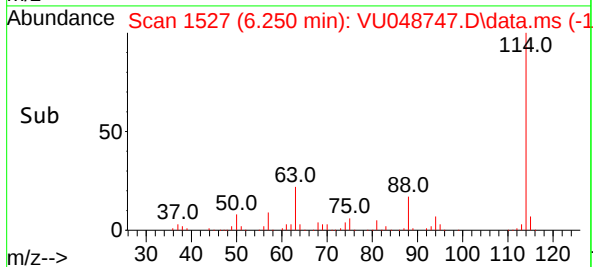
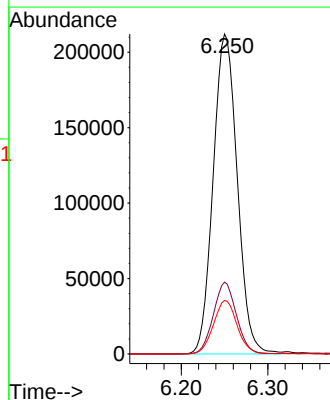
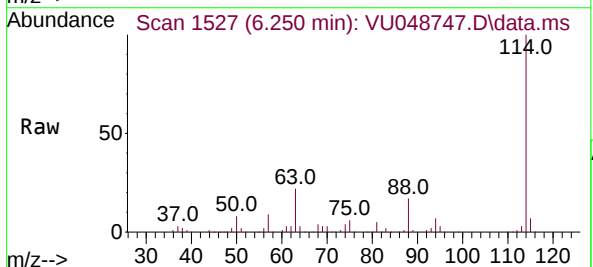
Tgt Ion: 114 Resp: 409750

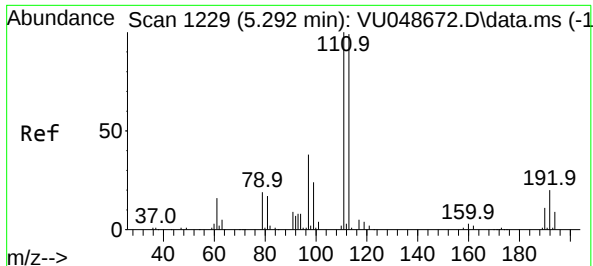
Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.6

88 16.7 0.0 32.2

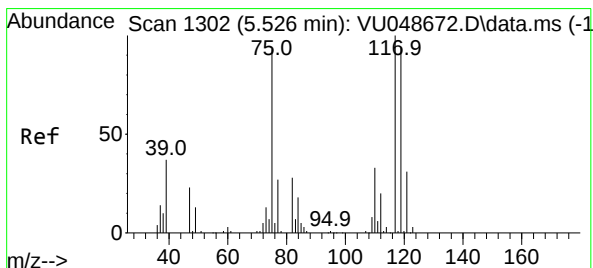
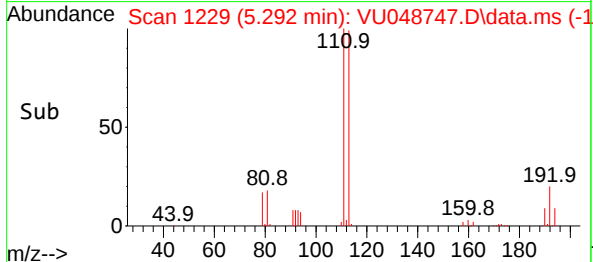
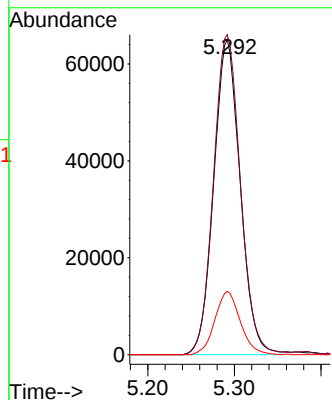
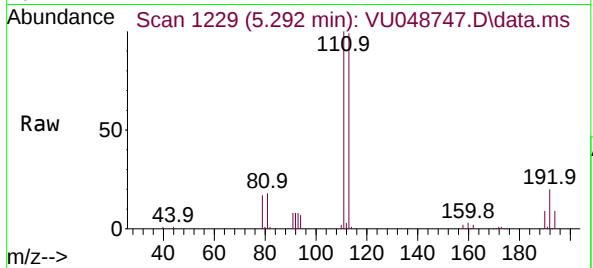




#35
Dibromofluoromethane
Concen: 47.202 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

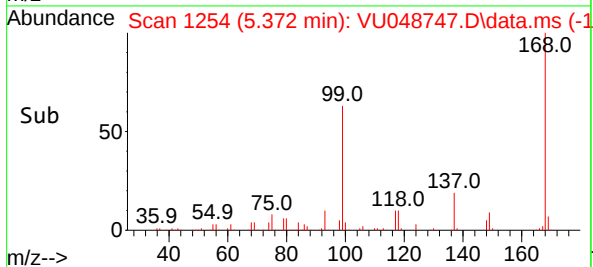
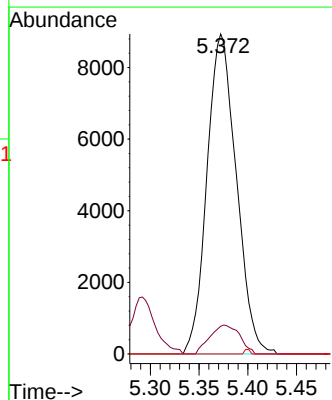
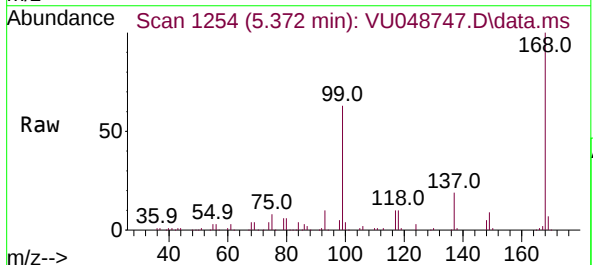
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

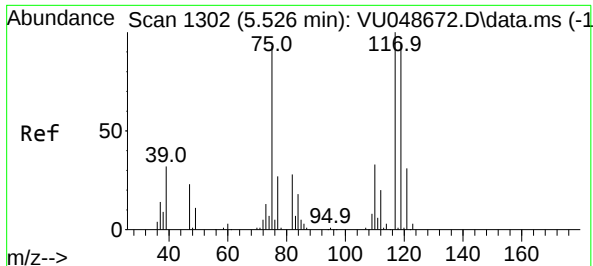
Tgt Ion:113 Resp: 137982
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.154 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

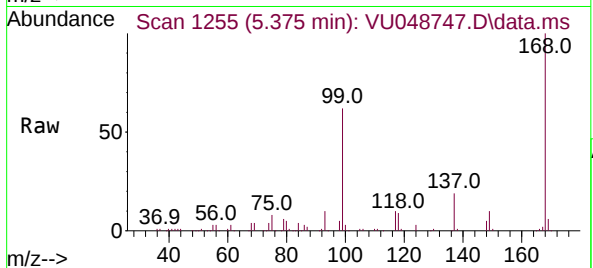
Tgt Ion: 75 Resp: 18703
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.8 37.2#



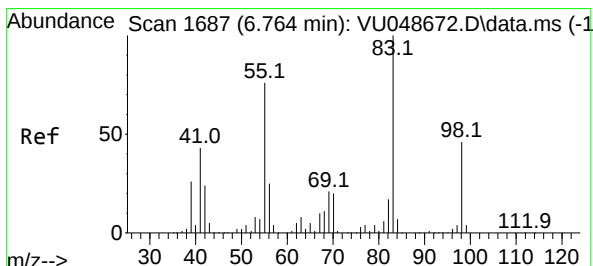
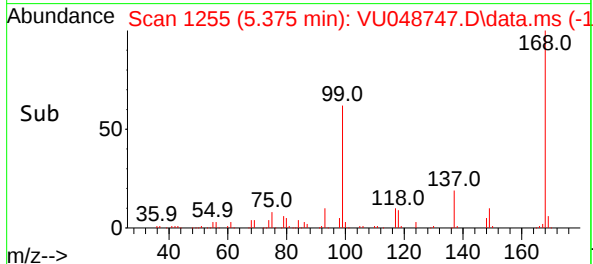
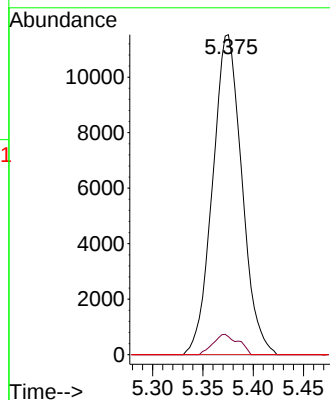


#38
Carbon Tetrachloride
Concen: 4.771 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.151 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

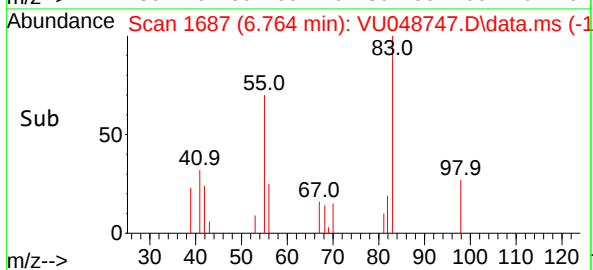
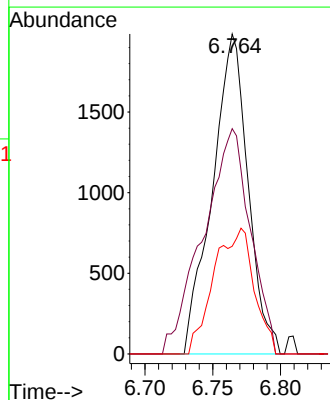
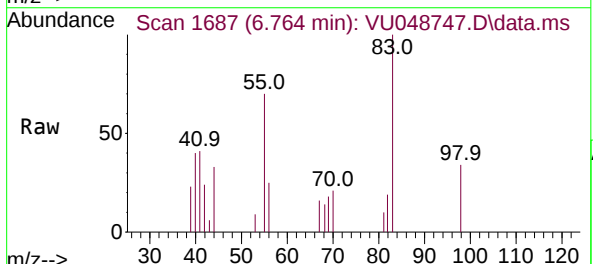


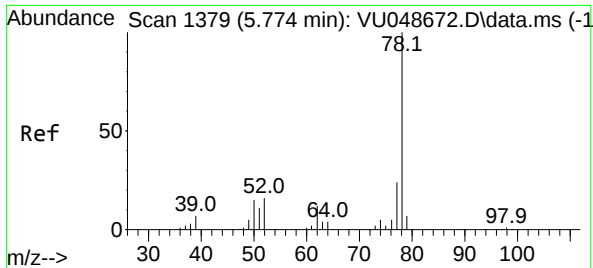
Tgt Ion:117 Resp: 23351
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.812 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 83 Resp: 3634
Ion Ratio Lower Upper
83 100
55 70.4 61.0 91.6
98 33.6 36.8 55.2#





#40

Benzene

Concen: 0.930 ug/l

RT: 5.780 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

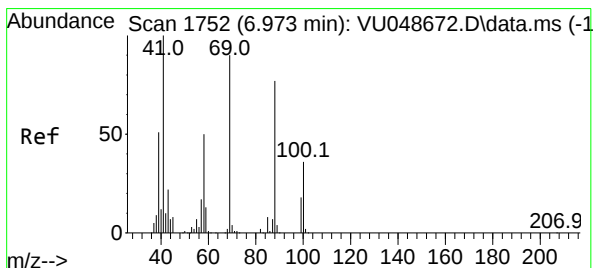
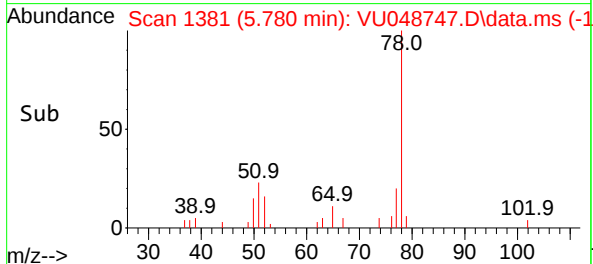
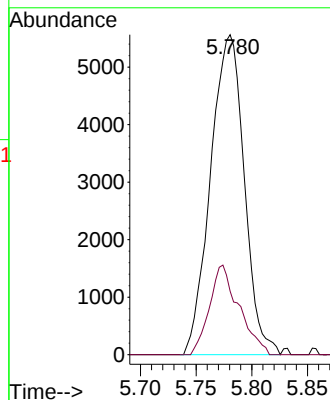
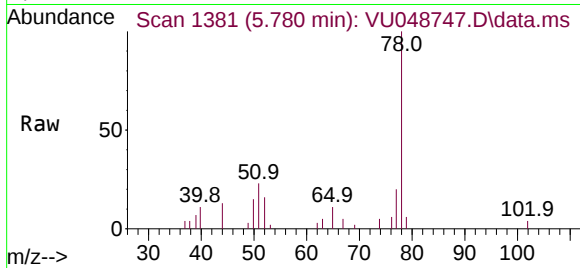
TW-16DL

Tgt Ion: 78 Resp: 11719

Ion Ratio Lower Upper

78 100

77 19.8 19.0 28.6



#49

1,4-Dioxane

Concen: 4.659 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

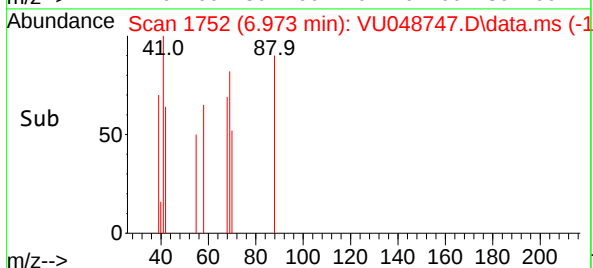
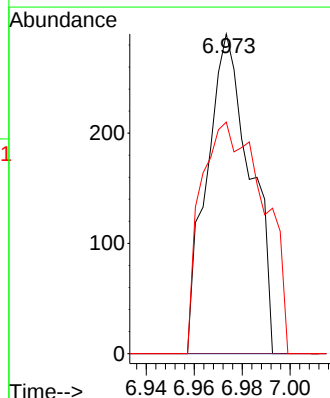
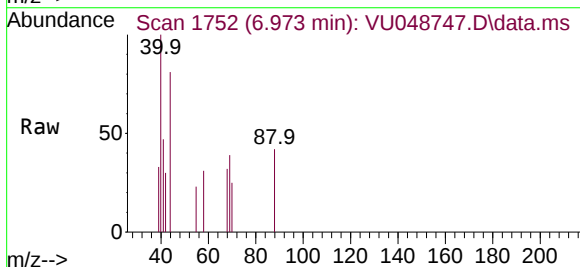
Tgt Ion: 88 Resp: 366

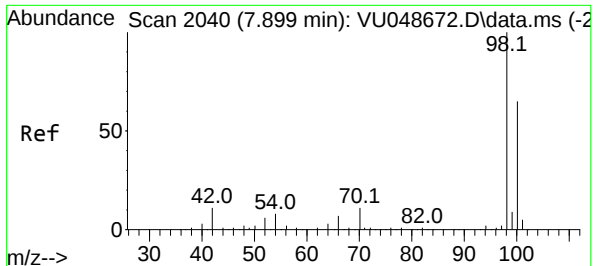
Ion Ratio Lower Upper

88 100

43 0.0 24.6 36.8#

58 104.1 54.7 82.1#

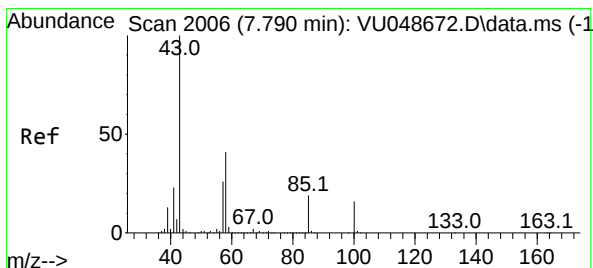
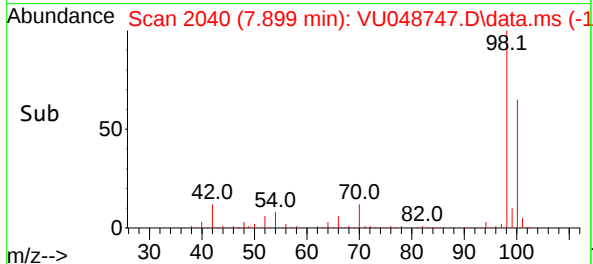
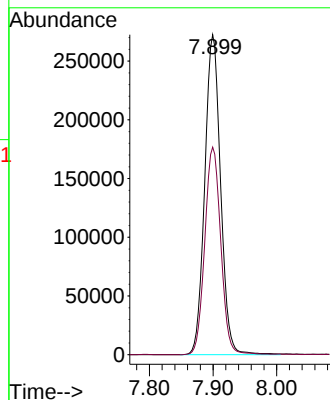
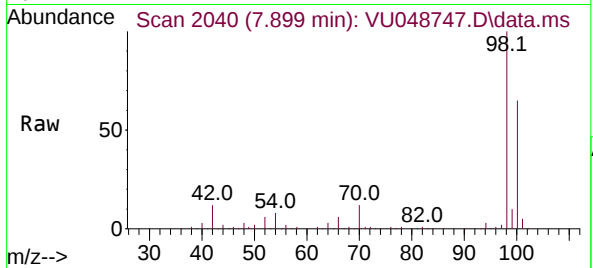




#50
Toluene-d8
Concen: 44.995 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

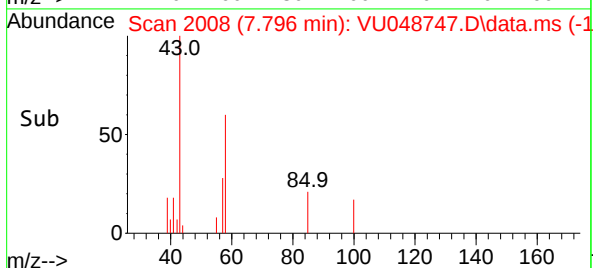
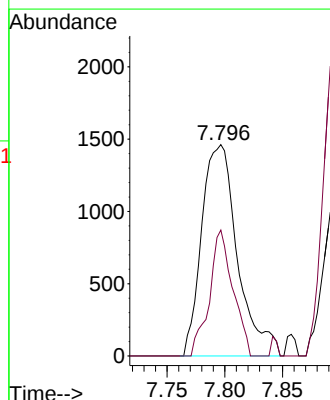
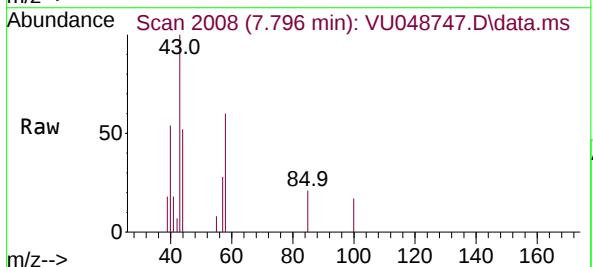
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

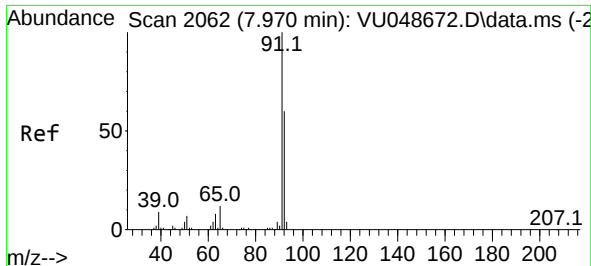
Tgt Ion: 98 Resp: 471498
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 38.9 32.7 49.1

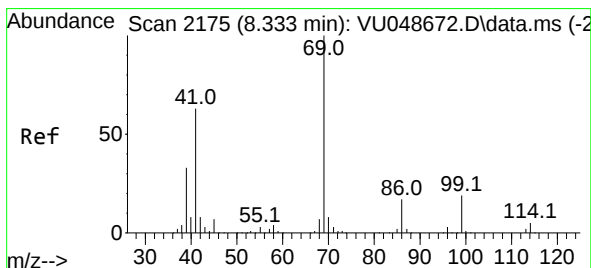
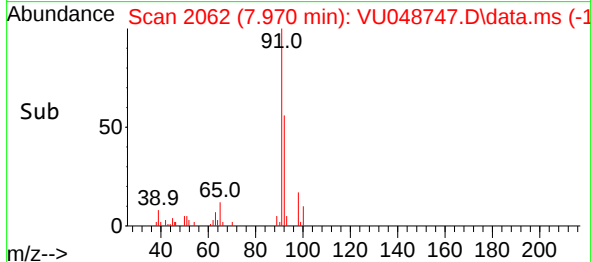
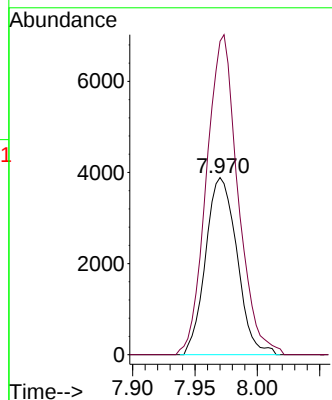
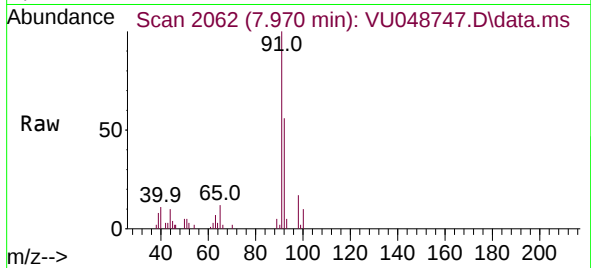




#52
Toluene
Concen: 0.904 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

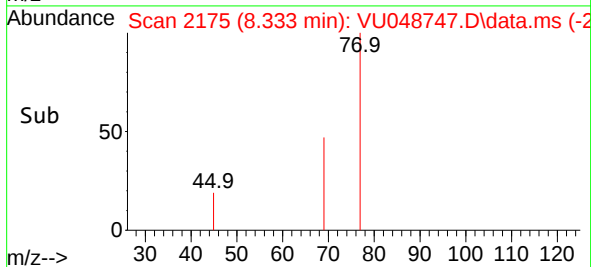
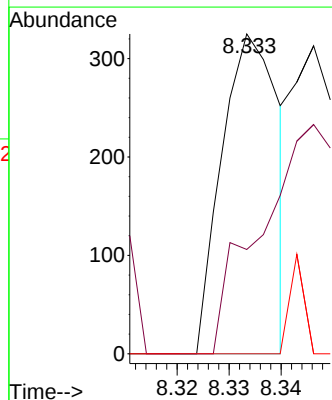
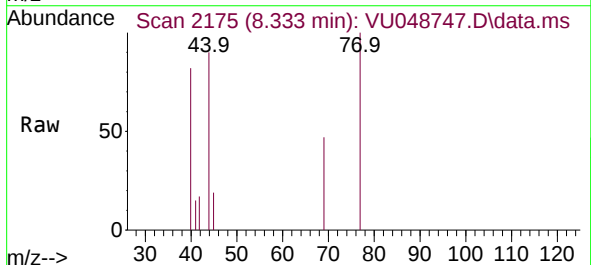
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

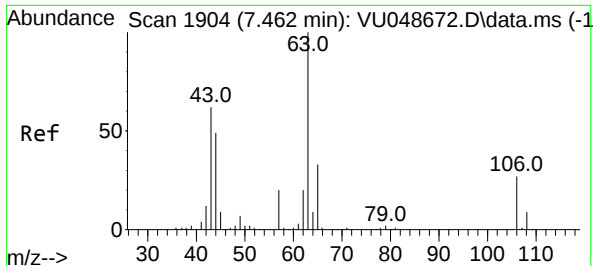
Tgt Ion: 92 Resp: 6811
Ion Ratio Lower Upper
92 100
91 181.3 135.0 202.4



#56
Ethyl methacrylate
Concen: 2.658 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 69 Resp: 247
Ion Ratio Lower Upper
69 100
41 0.0 50.6 76.0#
39 0.0 26.6 40.0#

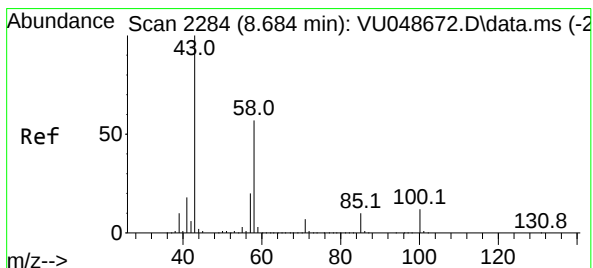
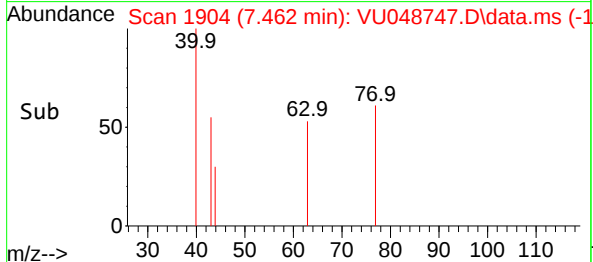
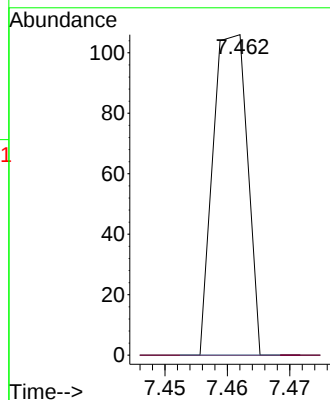
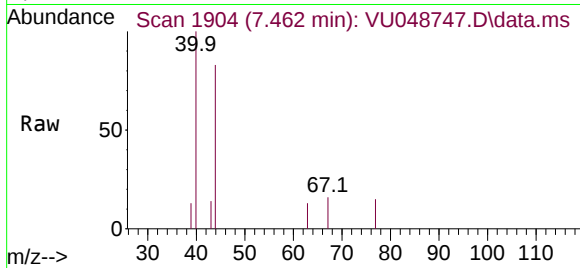




#58
2-Chloroethyl Vinyl ether
Concen: 29.787 ug/l
RT: 7.462 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

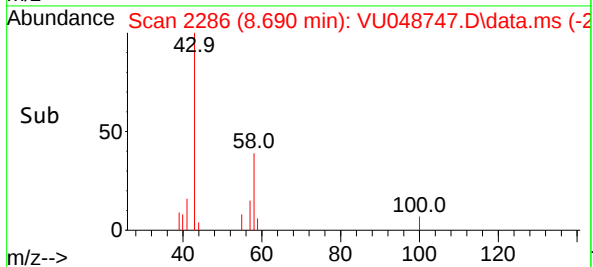
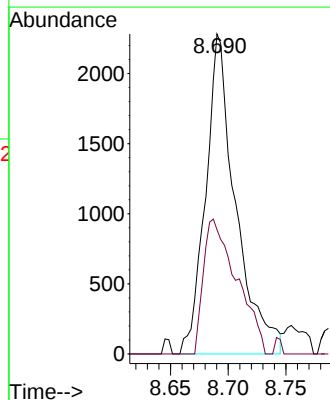
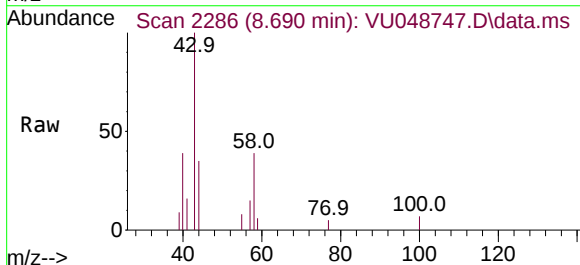
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

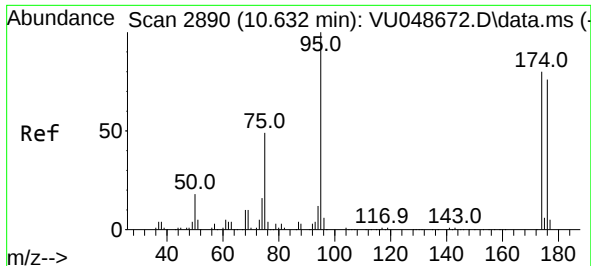
Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 0.988 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 46.7 28.2 84.6

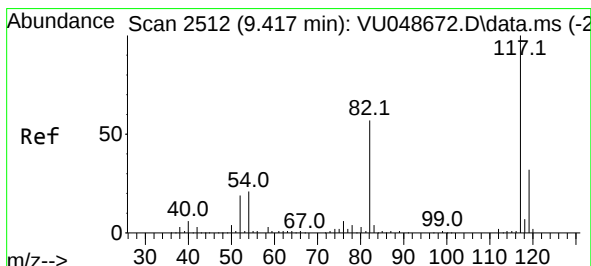
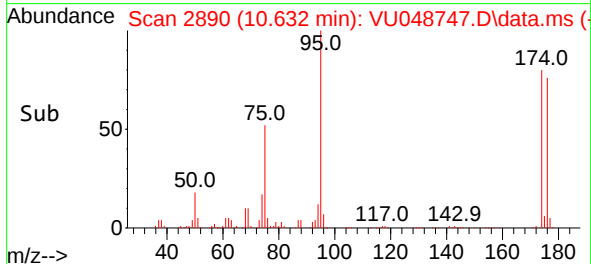
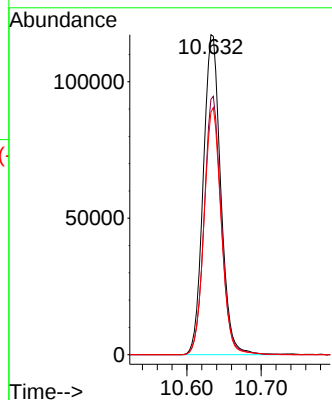
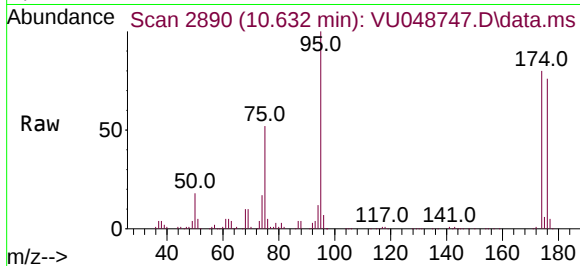




#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

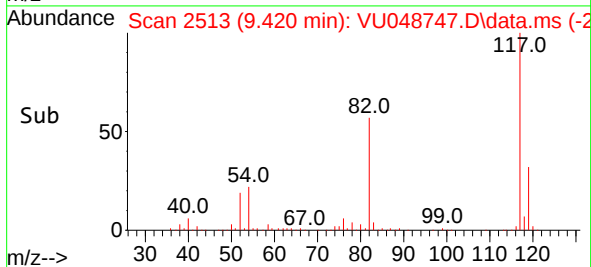
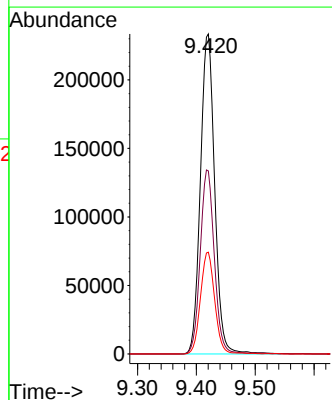
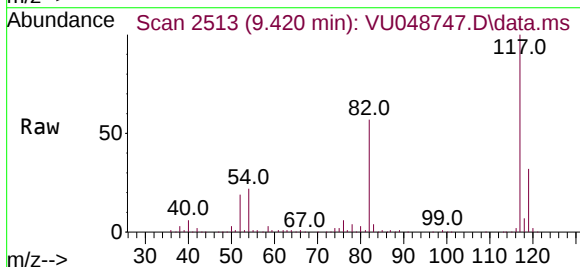
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

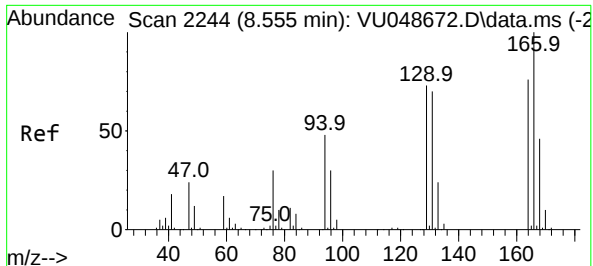
Tgt Ion: 95 Resp: 191676
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.4
176 75.9 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 117 Resp: 393762
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.8 25.4 38.2

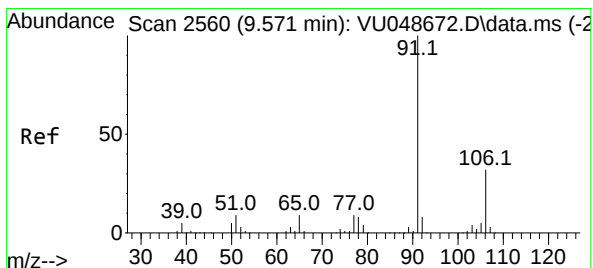
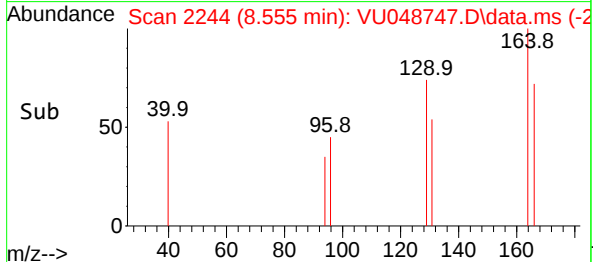
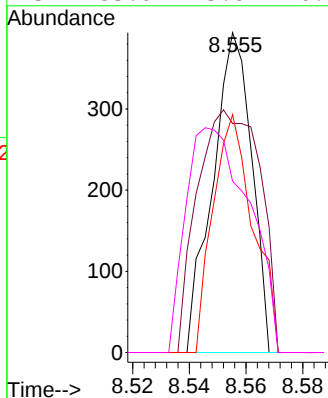
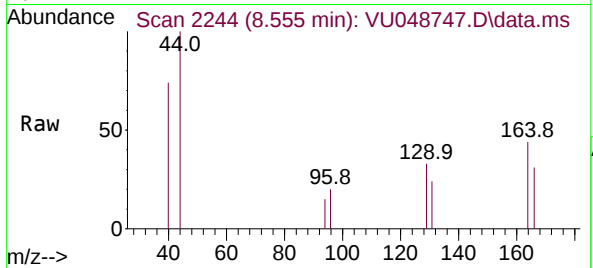




#64
Tetrachloroethene
Concen: Below Cal
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

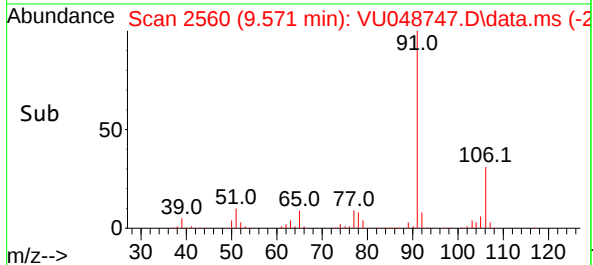
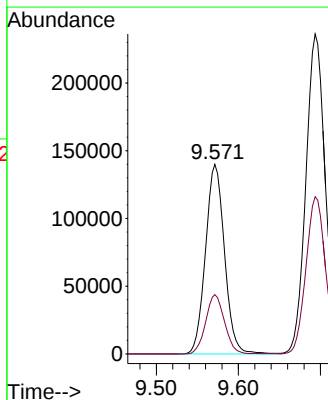
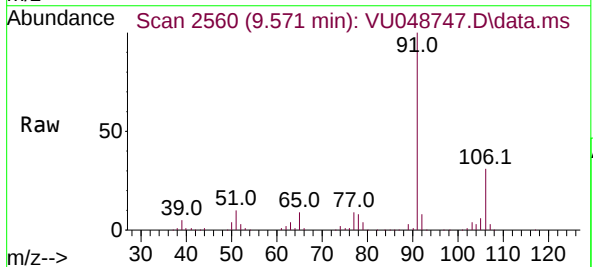
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

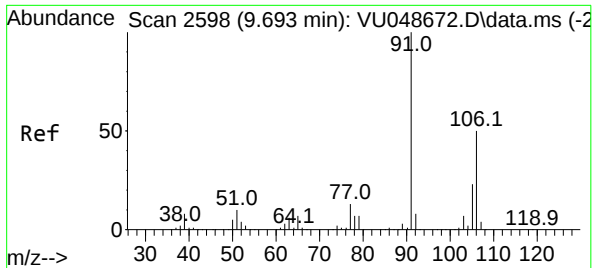
Tgt Ion:164 Resp: 376
Ion Ratio Lower Upper
164 100
166 71.6 105.0 157.4#
129 74.4 76.5 114.7#
131 53.6 73.8 110.6#



#67
Ethyl Benzene
Concen: 16.069 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 91 Resp: 225709
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

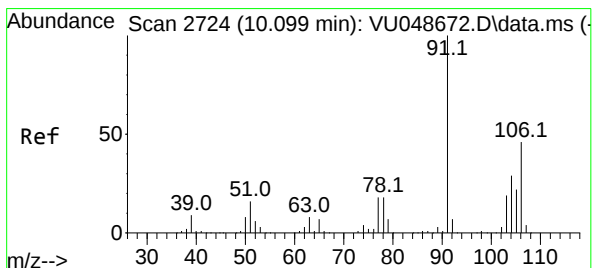
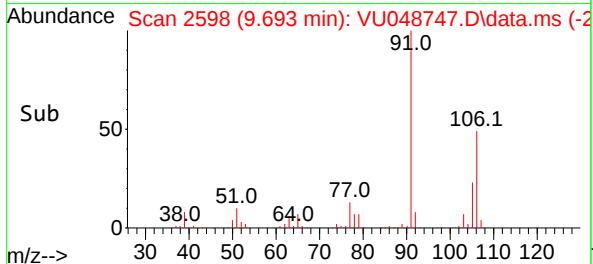
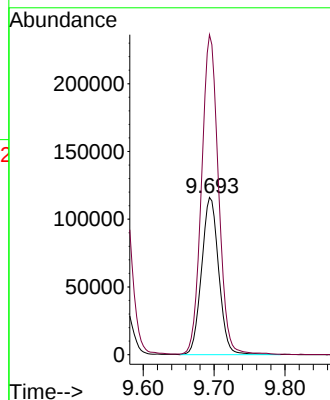
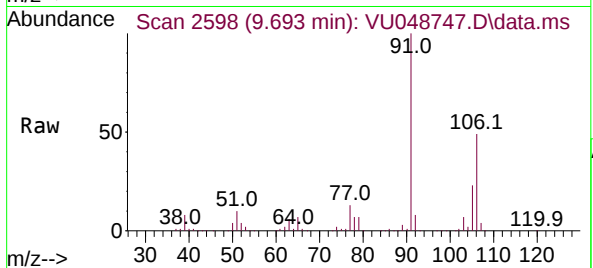




#68
m/p-Xylenes
Concen: 35.484 ug/l
RT: 9.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

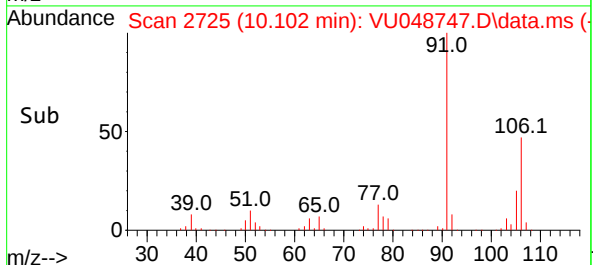
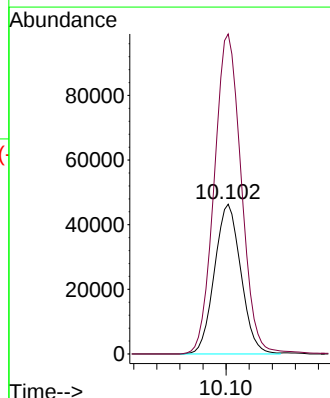
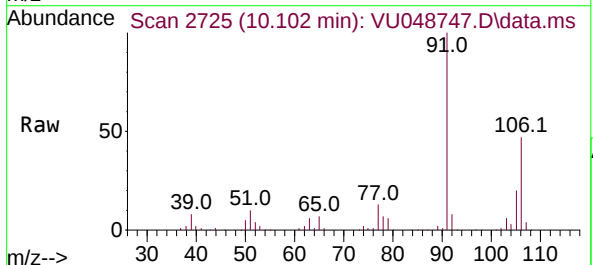
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

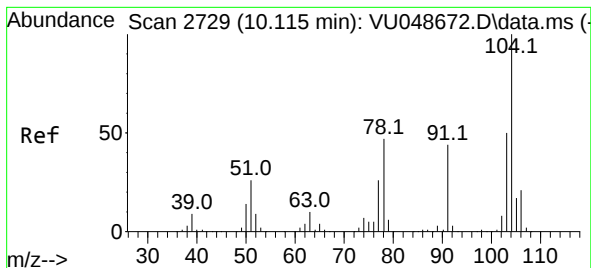
Tgt Ion:106 Resp: 194934
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6



#69
o-Xylene
Concen: 13.641 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion:106 Resp: 73623
Ion Ratio Lower Upper
106 100
91 219.5 107.7 323.3





#70

Styrene

Concen: 0.624 ug/l

RT: 10.102 min Scan# 21

Delta R.T. -0.013 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

TW-16DL

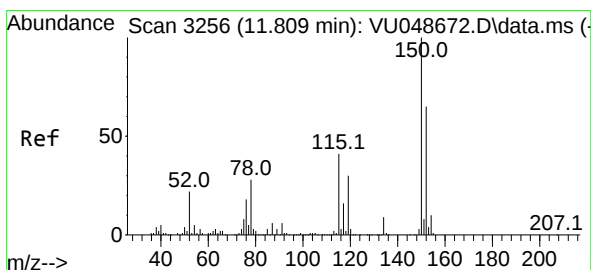
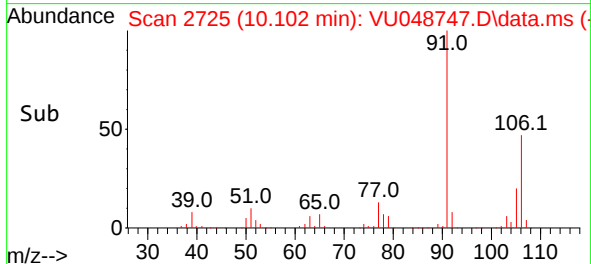
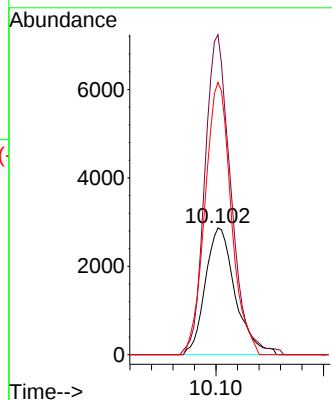
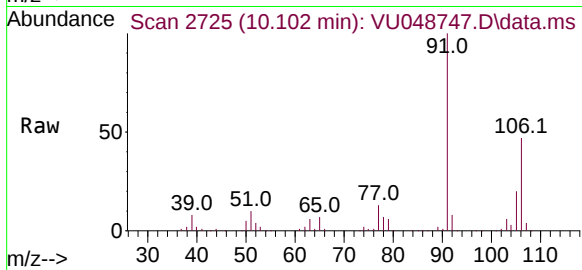
Tgt Ion:104 Resp: 5544

Ion Ratio Lower Upper

104 100

78 220.1 41.2 61.8#

103 188.5 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

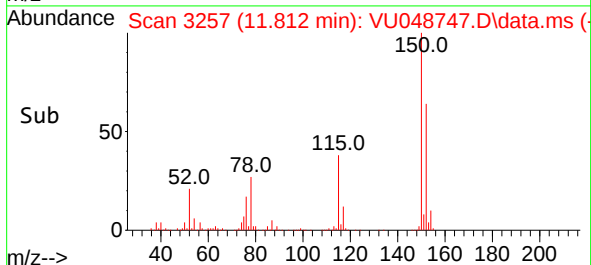
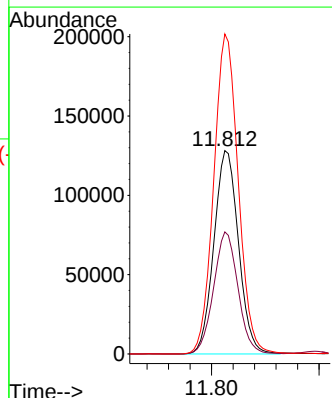
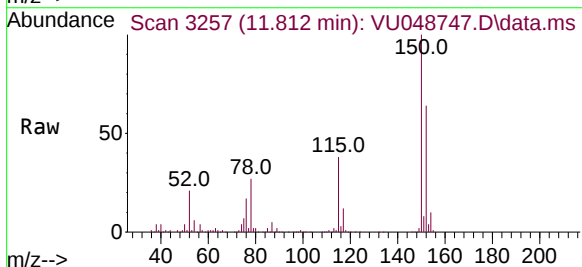
Tgt Ion:152 Resp: 203485

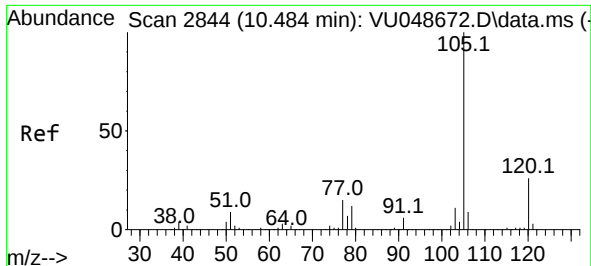
Ion Ratio Lower Upper

152 100

115 59.5 41.8 125.4

150 156.8 0.0 341.0

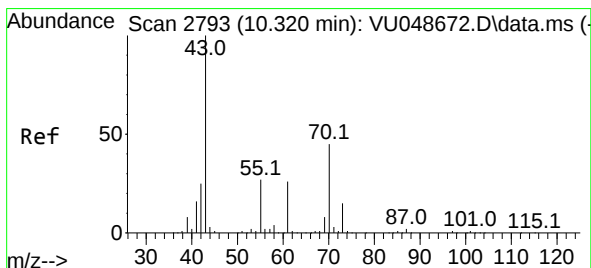
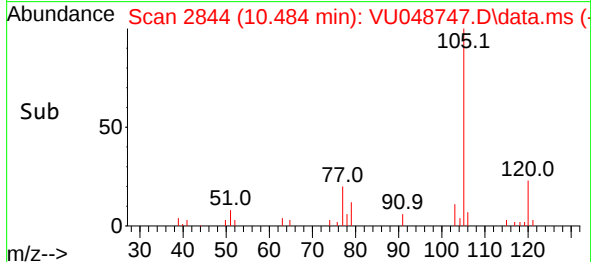
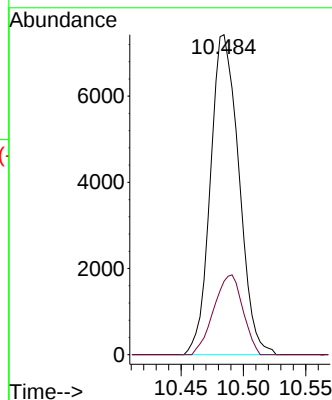
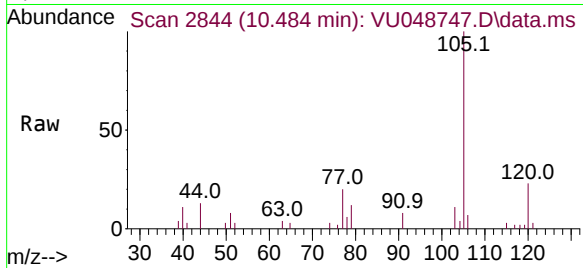




#73
Isopropylbenzene
Concen: 0.898 ug/l
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

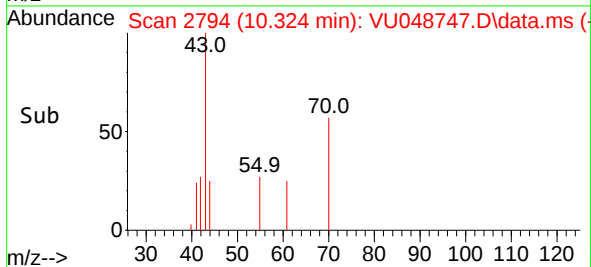
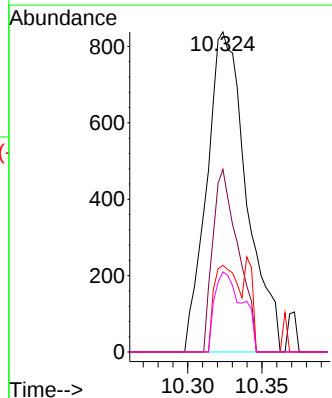
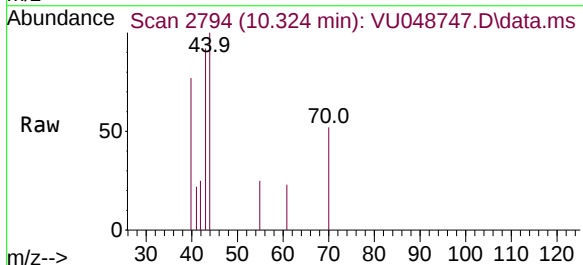
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

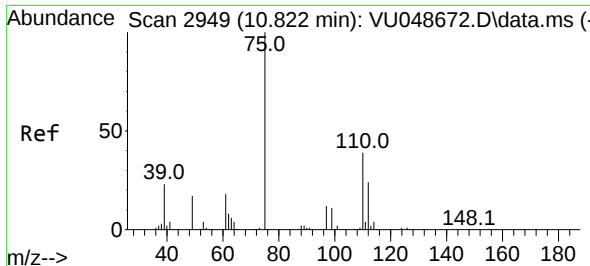
Tgt Ion:105 Resp: 11800
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 2.690 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.004 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
70 36.5 35.8 53.6
55 16.7 21.1 31.7#
61 17.3 20.2 30.4#

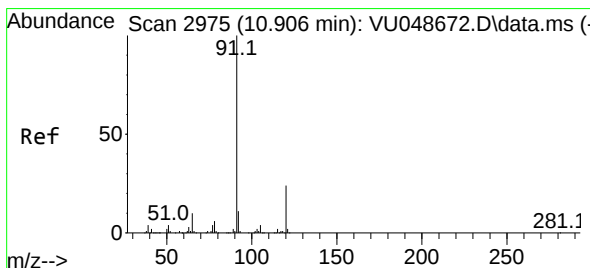
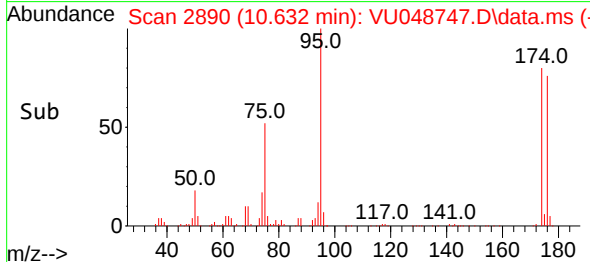
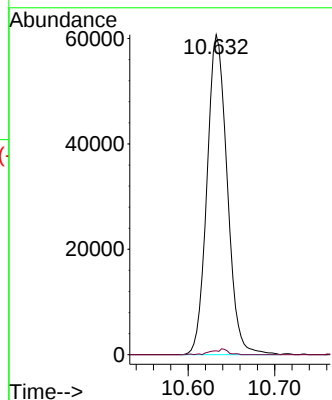
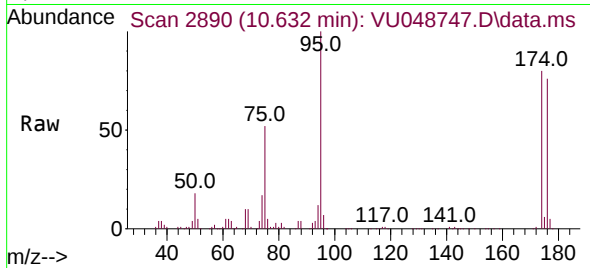




#76
1,2,3-Trichloropropane
Concen: 15.018 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.190 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

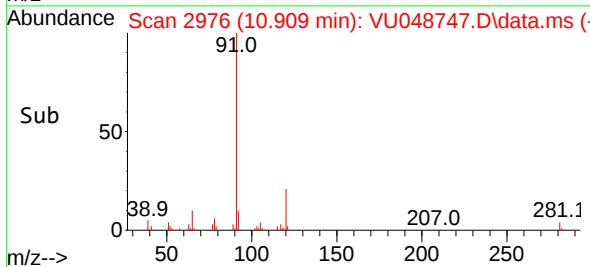
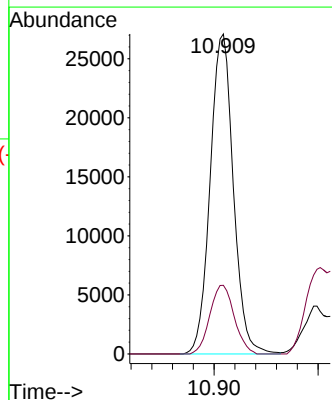
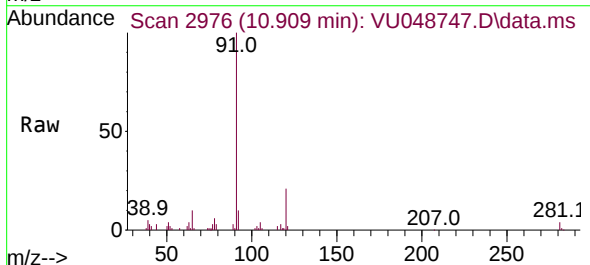
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

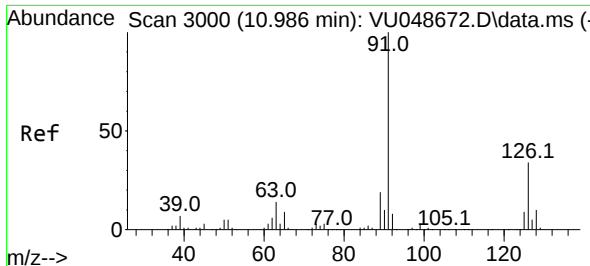
Tgt Ion: 75 Resp: 98534
Ion Ratio Lower Upper
75 100
77 1.4 14.8 44.3#



#78
n-propylbenzene
Concen: 2.677 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 91 Resp: 41905
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.7

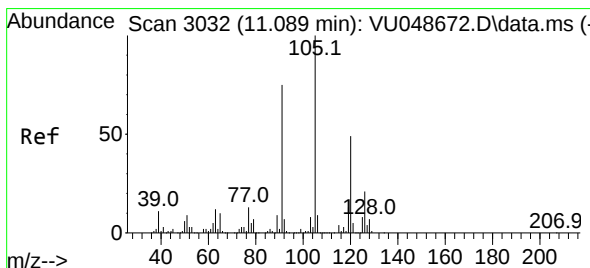
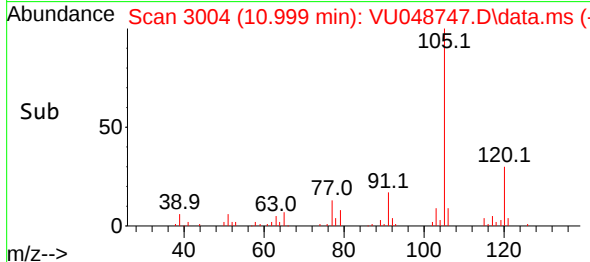
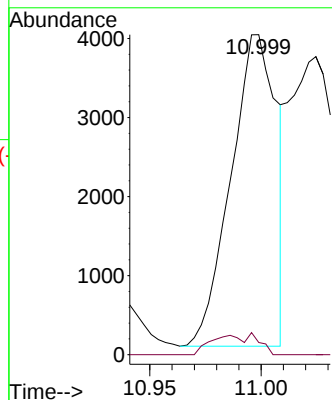
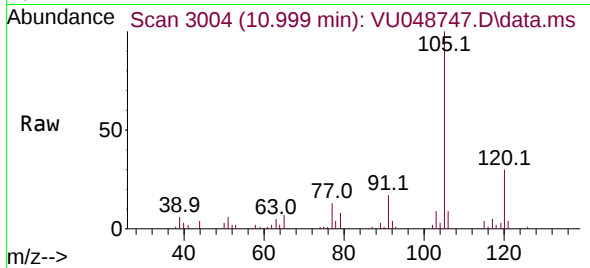




#79
2-Chlorotoluene
Concen: 0.576 ug/l
RT: 10.999 min Scan# 3004
Delta R.T. 0.013 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

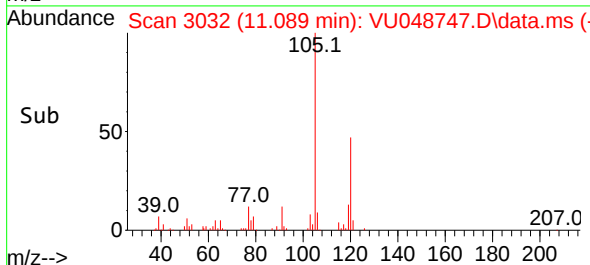
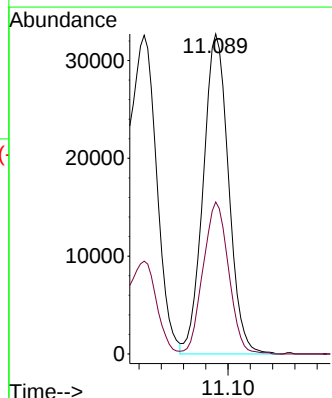
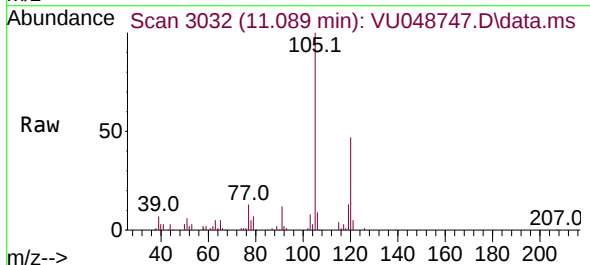
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

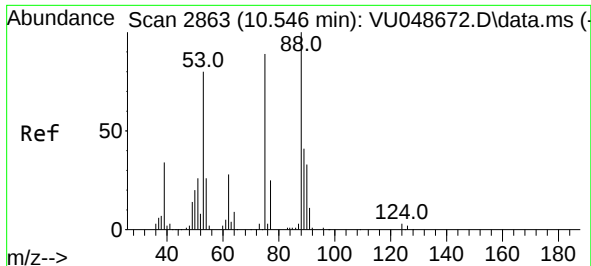
Tgt Ion: 91 Resp: 5612
Ion Ratio Lower Upper
91 100
126 4.5 16.7 50.0#



#80
1,3,5-Trimethylbenzene
Concen: 4.532 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 105 Resp: 51770
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

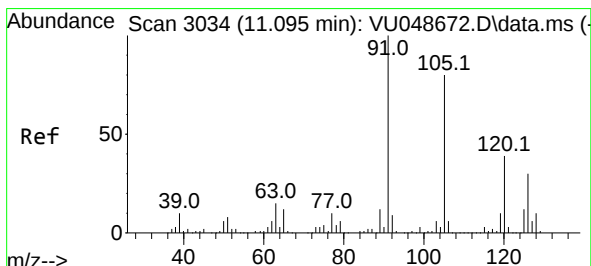
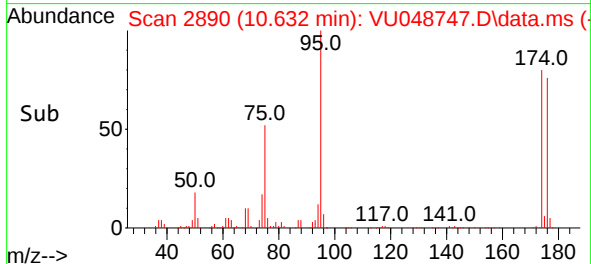
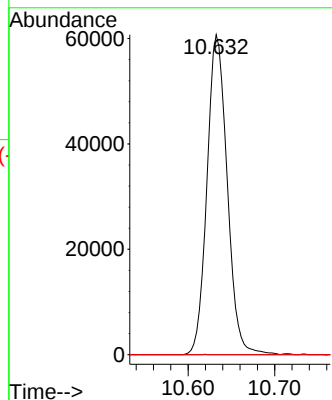
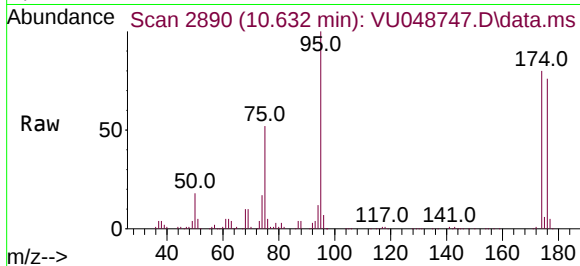




#81
trans-1,4-Dichloro-2-butene
Concen: 54.530 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.087 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

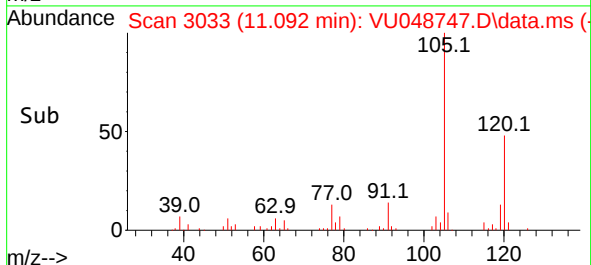
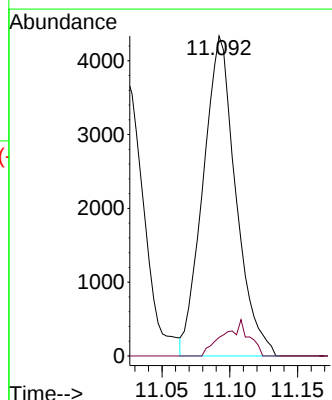
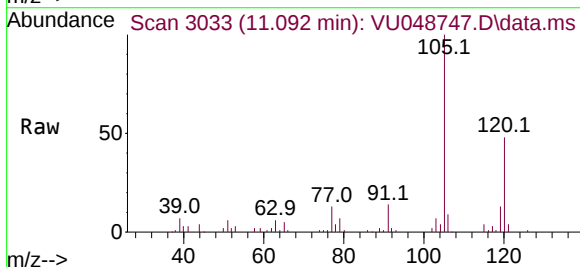
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

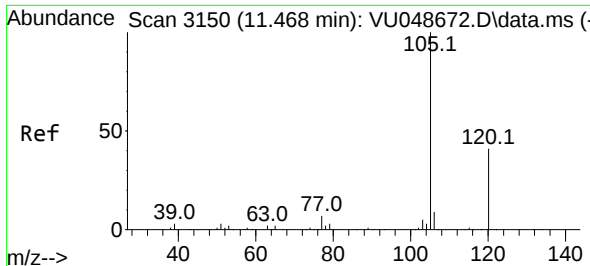
Tgt Ion: 75 Resp: 98534
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.648 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 91 Resp: 7282
Ion Ratio Lower Upper
91 100
126 8.7 14.4 43.2#

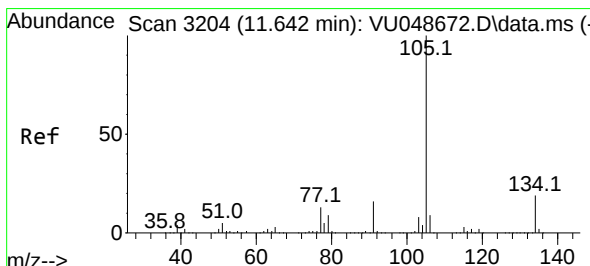
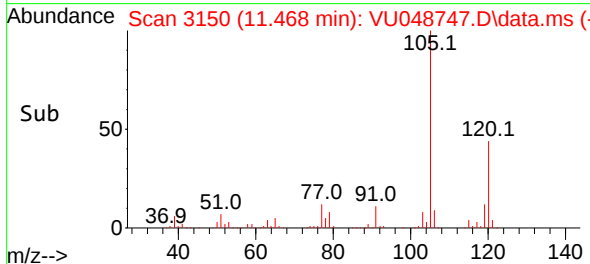
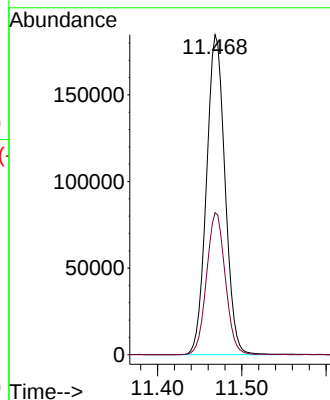
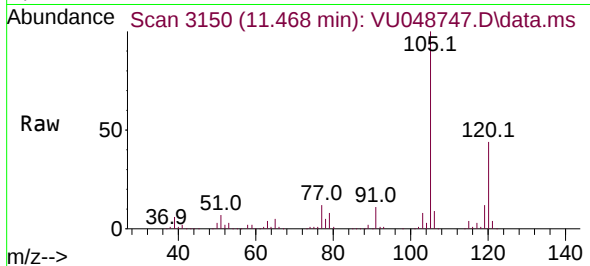




#84
1,2,4-Trimethylbenzene
Concen: 23.639 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

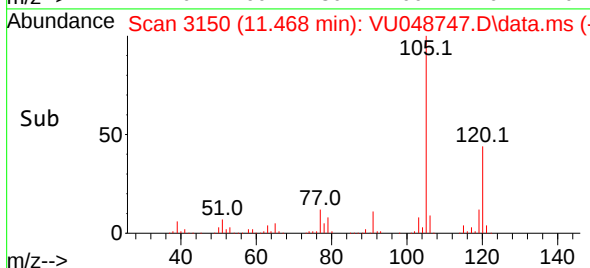
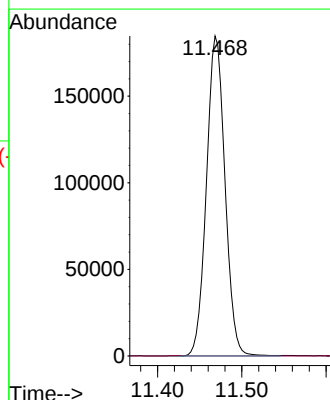
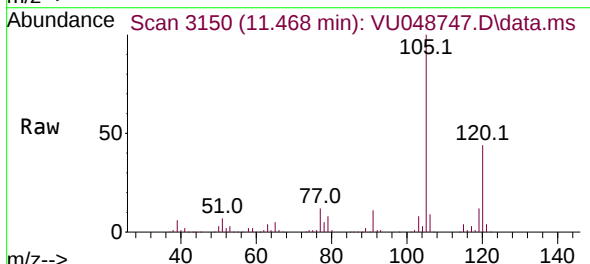
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

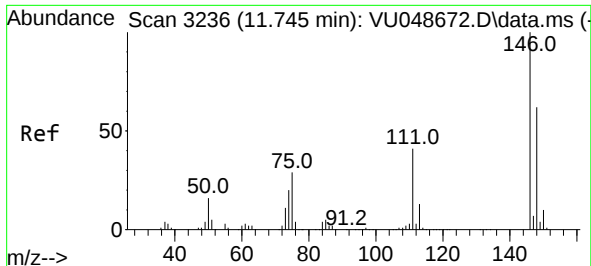
Tgt Ion:105 Resp: 283157
Ion Ratio Lower Upper
105 100
120 44.9 22.5 67.5



#85
sec-Butylbenzene
Concen: 20.643 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.174 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion:105 Resp: 283157
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#





#87

1,3-Dichlorobenzene

Concen: 0.227 ug/l

RT: 11.751 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

TW-16DL

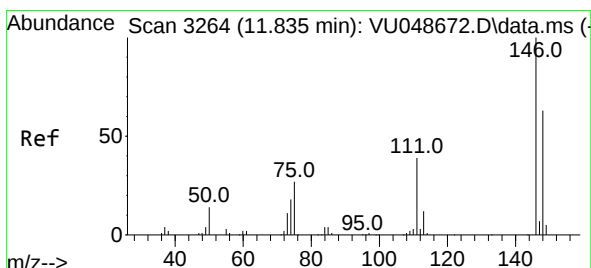
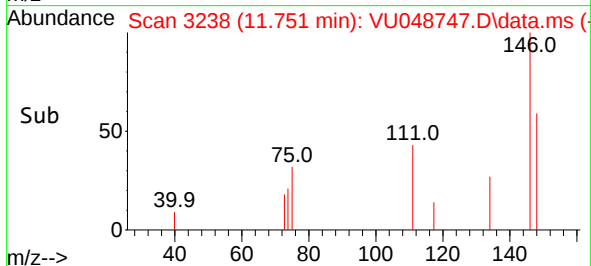
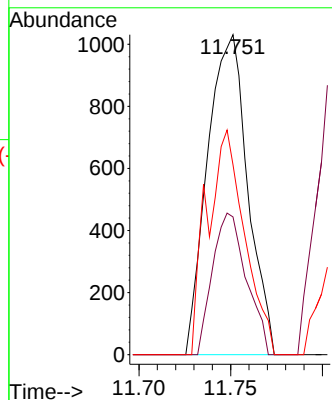
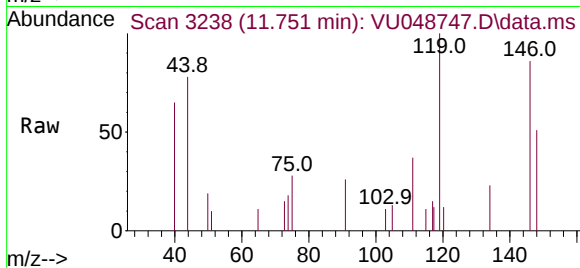
Tgt Ion:146 Resp: 1573

Ion Ratio Lower Upper

146 100

111 37.3 20.6 61.9

148 65.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.220 ug/l

RT: 11.751 min Scan# 3238

Delta R.T. -0.084 min

Lab File: VU048747.D

Acq: 31 May 2022 18:42

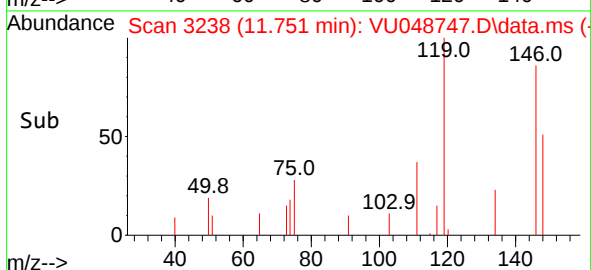
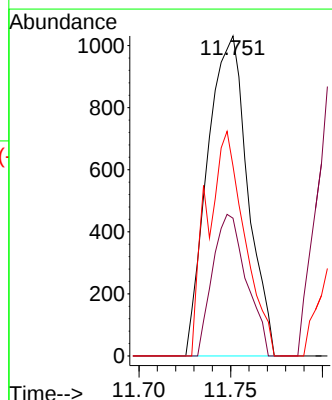
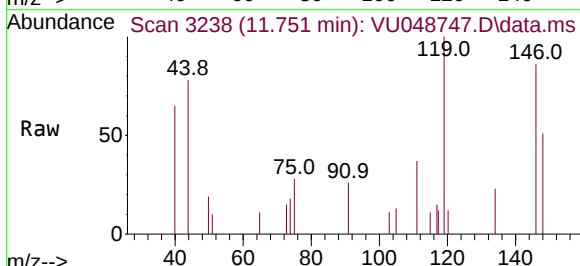
Tgt Ion:146 Resp: 1573

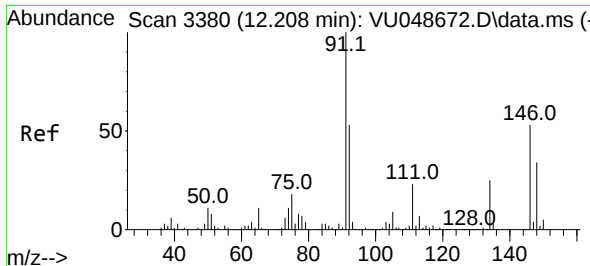
Ion Ratio Lower Upper

146 100

111 37.3 20.2 60.6

148 65.7 32.4 97.0

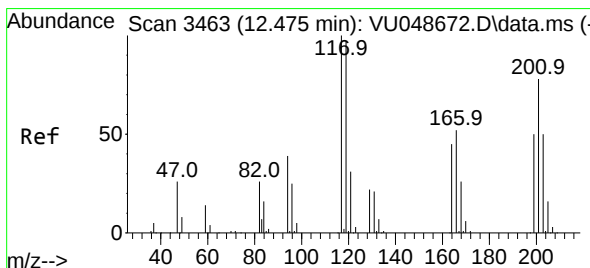
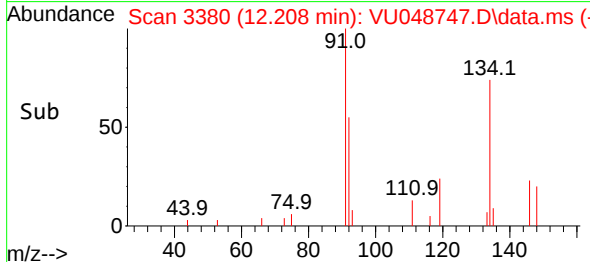
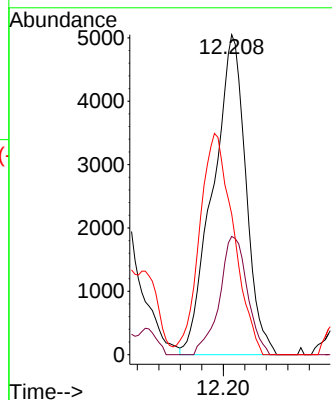
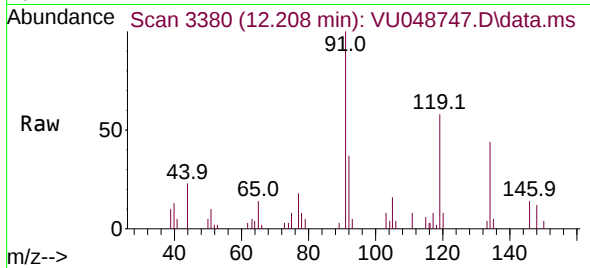




#89
n-Butylbenzene
Concen: 3.051 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

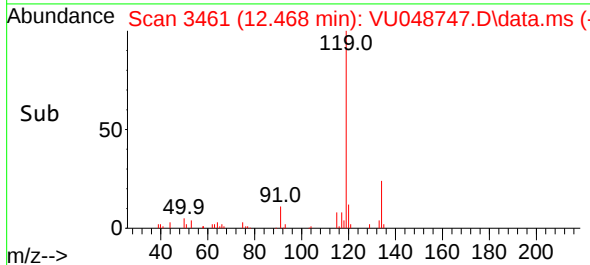
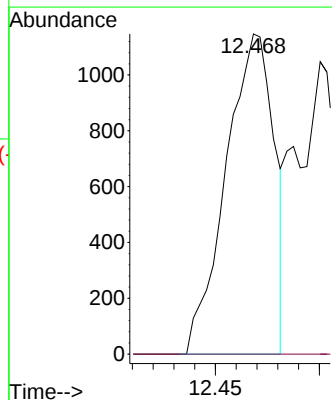
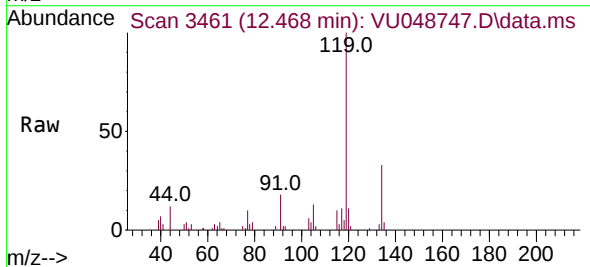
Instrument :
MSVOA_U
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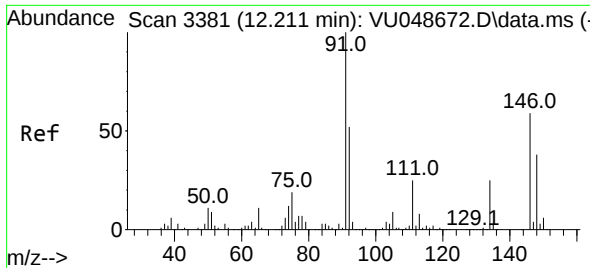
Tgt Ion: 91 Resp: 10674
Ion Ratio Lower Upper
91 100
92 31.4 25.9 77.8
134 71.6 12.5 37.5#



#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.468 min Scan# 3461
Delta R.T. -0.006 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion: 117 Resp: 1847
Ion Ratio Lower Upper
117 100
201 0.0 39.6 119.0#

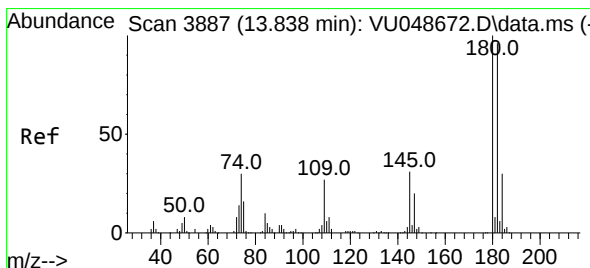
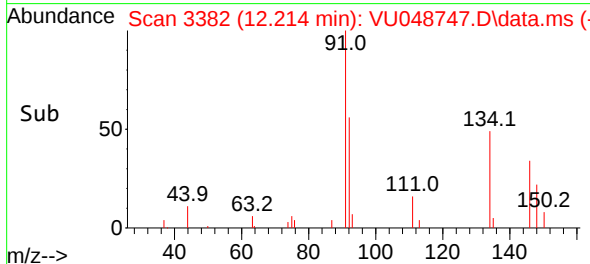
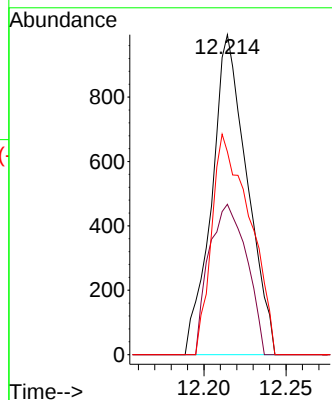
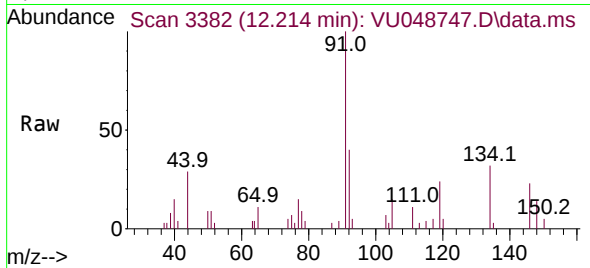




#91
1,2-Dichlorobenzene
Concen: 0.213 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

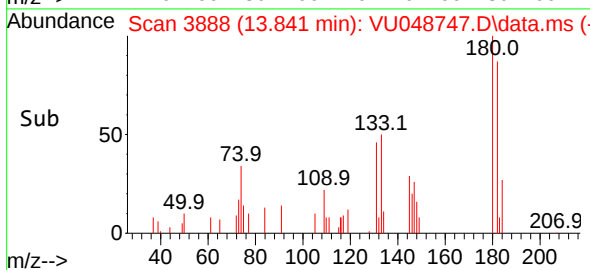
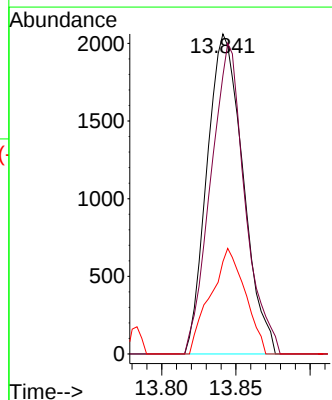
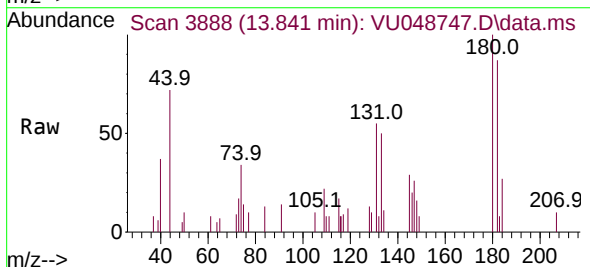
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

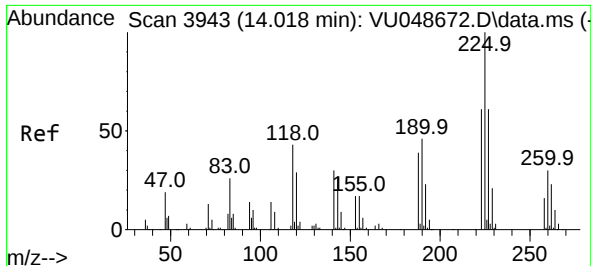
Tgt Ion:146 Resp: 1486
Ion Ratio Lower Upper
146 100
111 50.1 21.4 64.3
148 74.3 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.759 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion:180 Resp: 3480
Ion Ratio Lower Upper
180 100
182 92.1 48.3 144.9
145 31.6 15.6 46.7

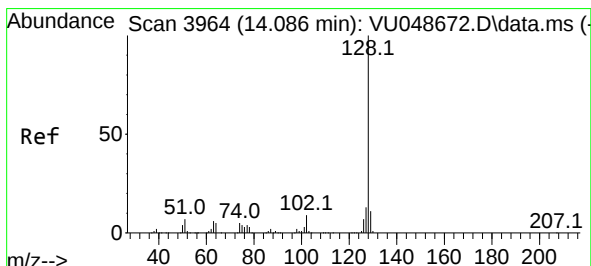
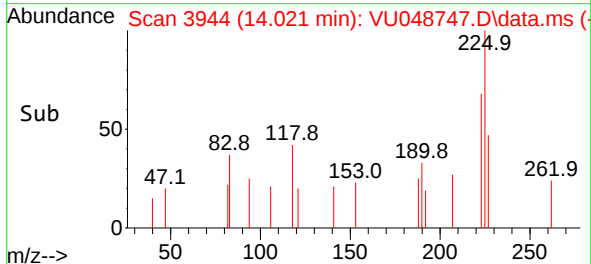
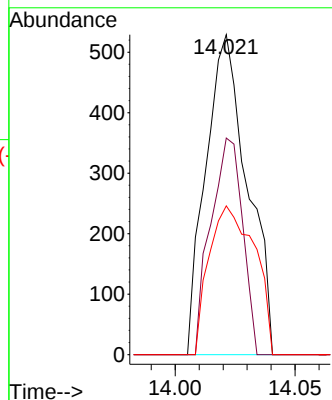
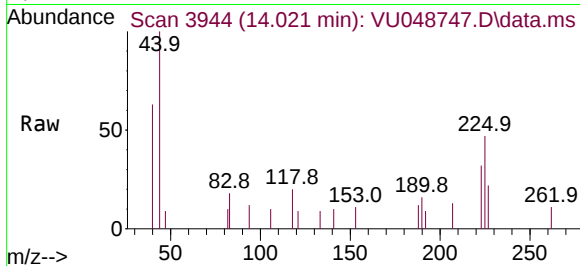




#94
Hexachlorobutadiene
Concen: 0.290 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

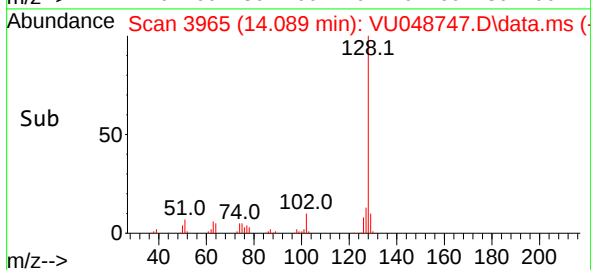
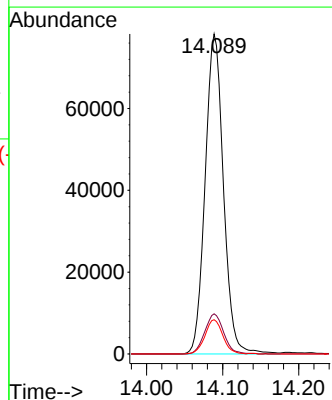
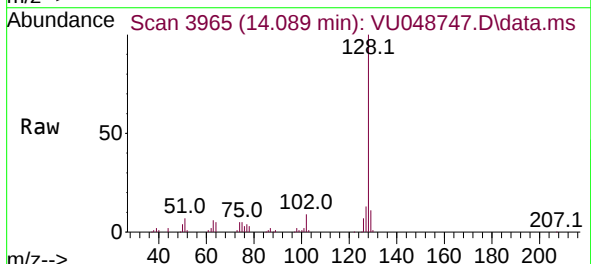
Instrument :
MSVOA_U
ClientSampleId :
TW-16DL

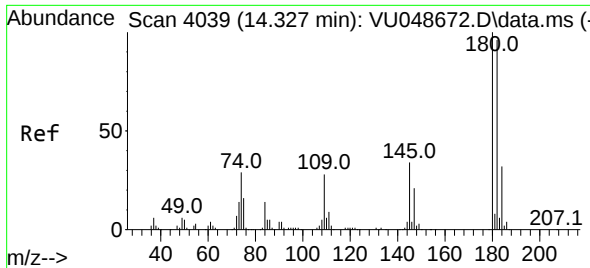
Tgt Ion:	225	Resp:	638
Ion Ratio	Lower	Upper	
225	100		
223	51.7	30.9	92.8
227	50.9	31.1	93.5



#95
Naphthalene
Concen: 10.298 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048747.D
Acq: 31 May 2022 18:42

Tgt Ion:	128	Resp:	131006
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.4	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.795 ug/l
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU048747.D
 Acq: 31 May 2022 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-16DL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.8	47.4	142.2
145	37.5	16.6	49.8

