

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025866.D
 Acq On : 16 Dec 2021 19:27
 Operator : JC/MD
 Sample : M5051-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 02:36:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

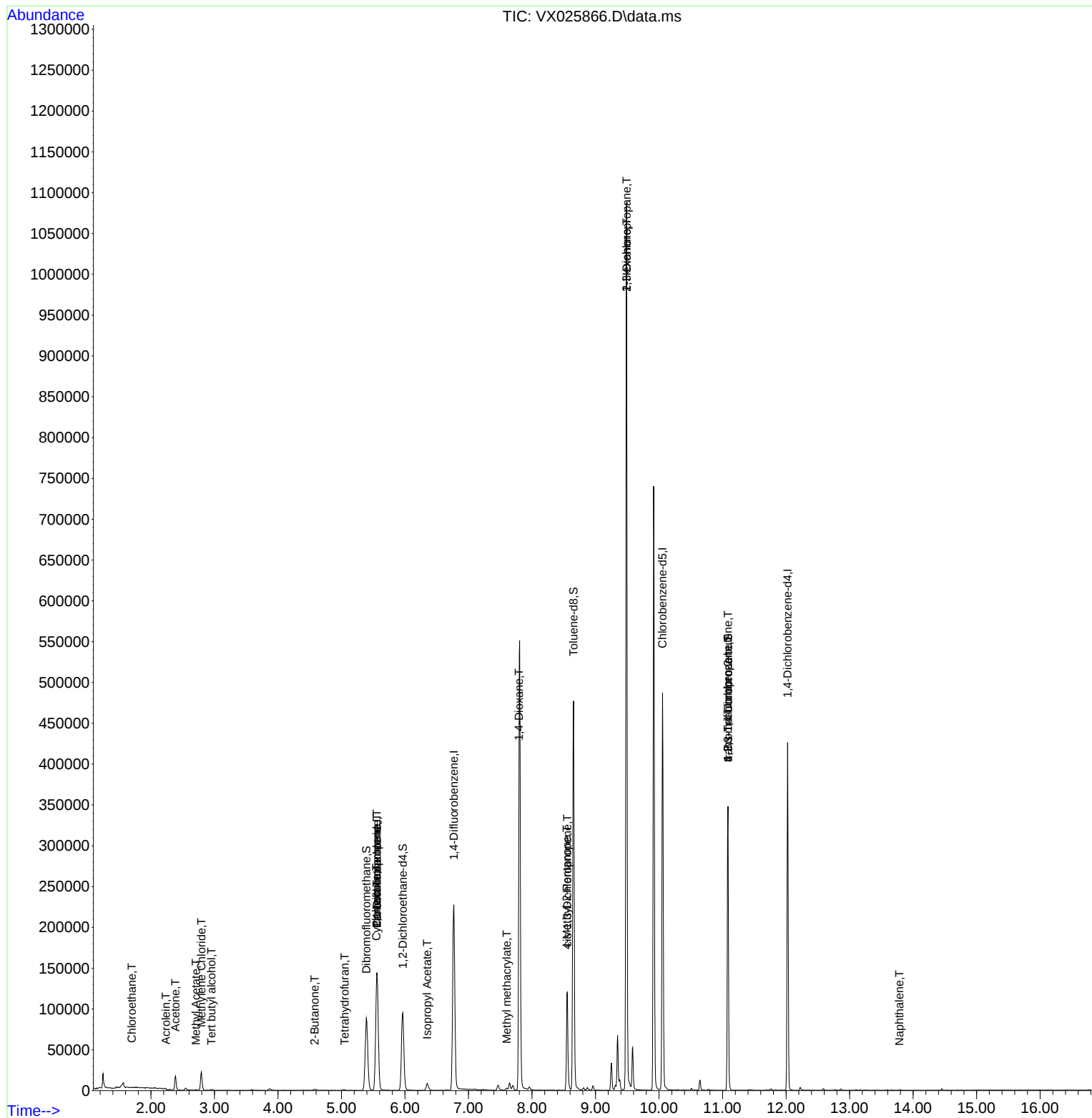
Internal Standards						
1) Pentafluorobenzene	5.556	168	133650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93106	48.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.840%
35) Dibromofluoromethane	5.391	113	74804	46.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.320%
50) Toluene-d8	8.653	98	281064	47.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.085	95	90404	40.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.600%#
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	387	0.323	ug/l #	43
11) Tert butyl alcohol	2.953	59	817	2.118	ug/l #	73
13) Acrolein	2.233	56	172	0.652	ug/l #	28
16) Acetone	2.386	43	18405	1.263	ug/l	97
18) Methyl Acetate	2.709	43	980	0.334	ug/l #	74
20) Methylene Chloride	2.794	84	9382	3.452	ug/l	98
25) 2-Butanone	4.574	43	2301	1.779	ug/l #	88
29) Tetrahydrofuran	5.050	42	505	0.614	ug/l #	45
31) Cyclohexane	5.550	56	3199	1.368	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	11115	5.057	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14385	5.625	ug/l #	14
43) Isopropyl Acetate	6.348	43	10941	2.781	ug/l	97
48) Methyl methacrylate	7.604	41	3172	1.712	ug/l #	12
49) 1,4-Dioxane	7.793	88	34	0.841	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43595	16.928	ug/l #	51
54) cis-1,3-Dichloropropene	8.555	75	19088	7.218	ug/l #	65
57) 1,3-Dichloropropane	9.488	76	9251	3.148	ug/l #	42
59) 2-Hexanone	9.488	43	125994	64.572	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	47403	24.711	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	47403	76.612	ug/l #	10
95) Naphthalene	13.786	128	344	2.469	ug/l #	69

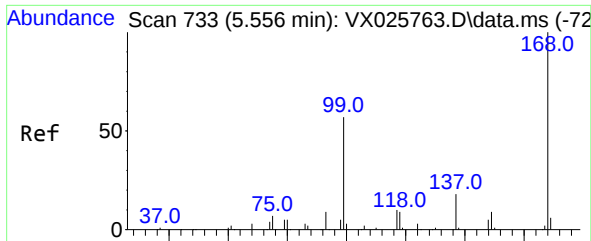
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
Data File : VX025866.D
Acq On : 16 Dec 2021 19:27
Operator : JC/MD
Sample : M5051-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

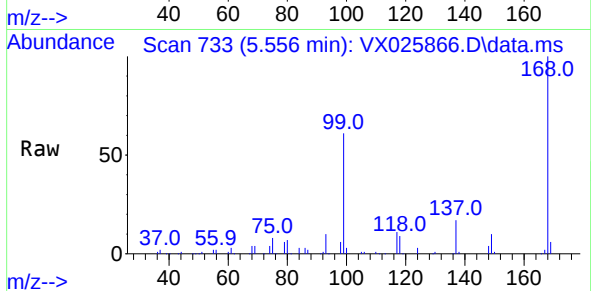
Quant Time: Dec 17 02:36:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration



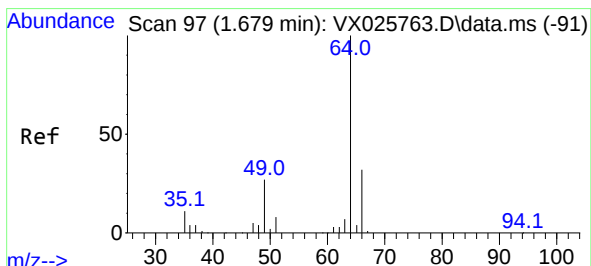
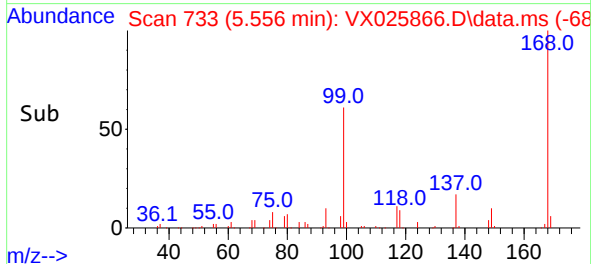
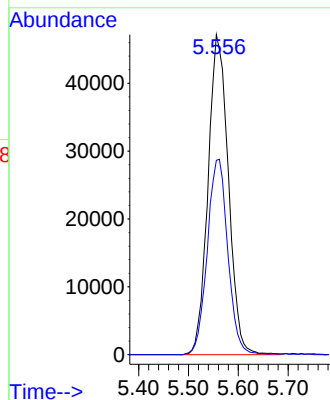


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :

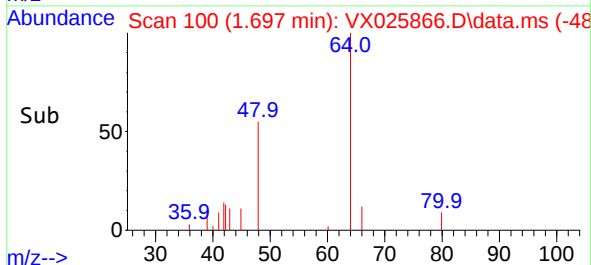
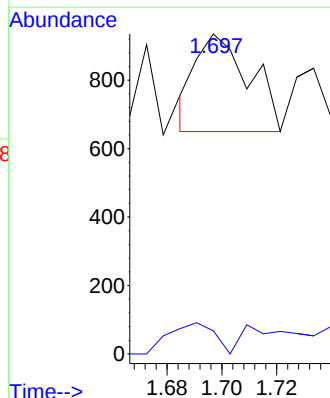
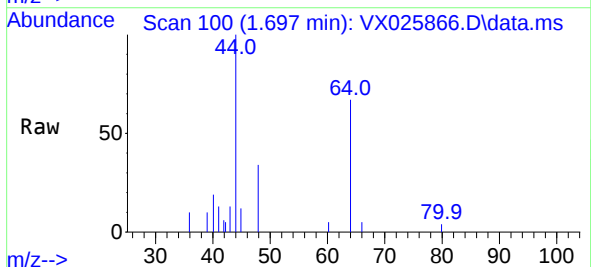


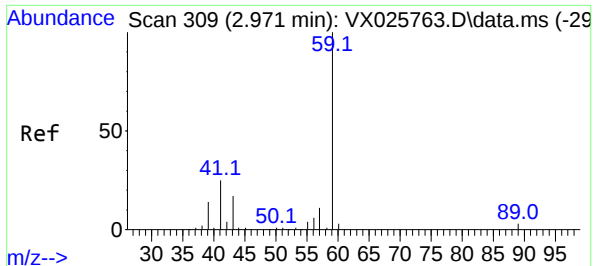
Tgt Ion:168 Resp: 133650
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.8



#6
Chloroethane
Concen: 0.323 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

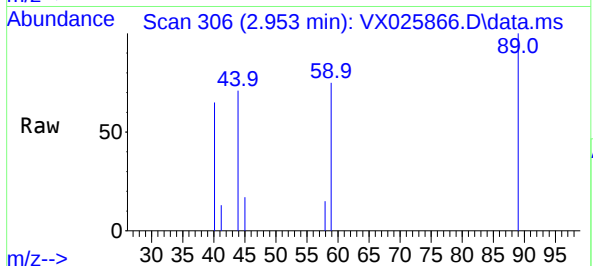
Tgt Ion: 64 Resp: 387
Ion Ratio Lower Upper
64 100
66 0.7 25.9 38.9#



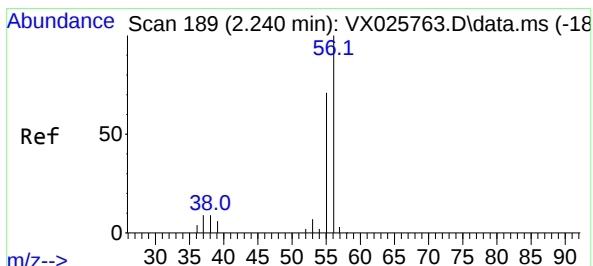
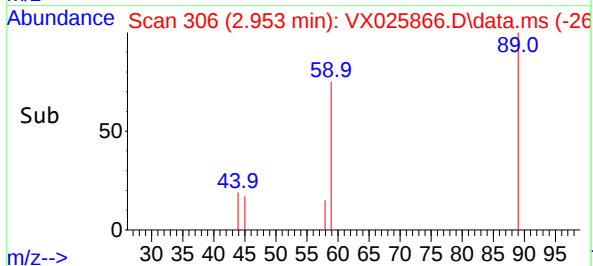
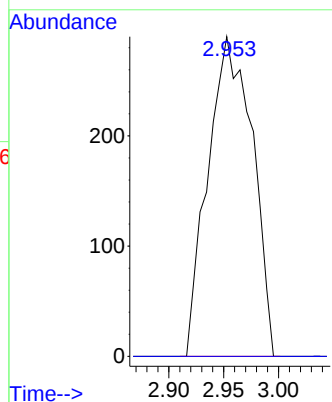


#11
Tert butyl alcohol
Concen: 2.118 ug/l
RT: 2.953 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :

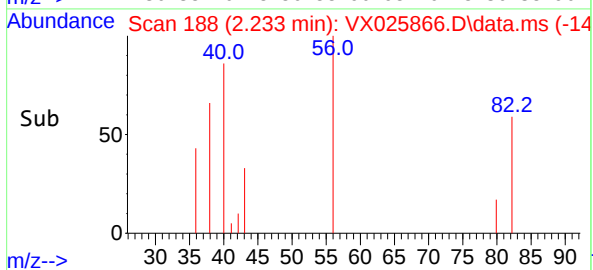
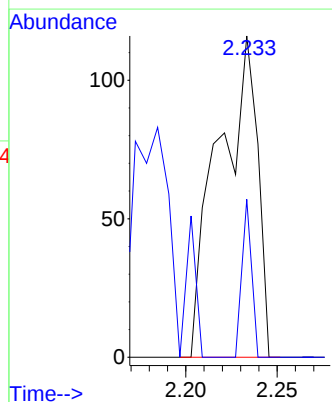
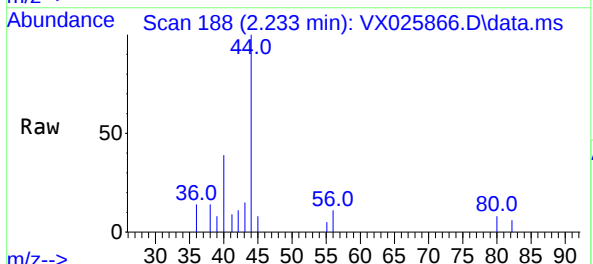


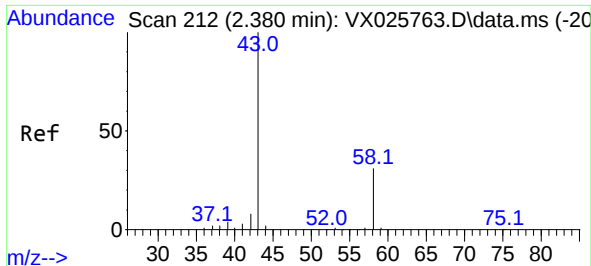
Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.652 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 12.2 57.4 86.2#

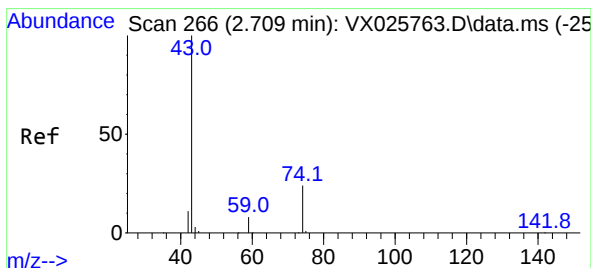
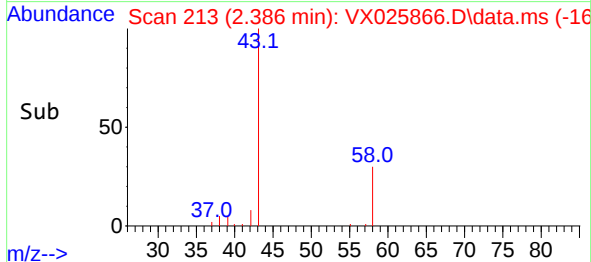
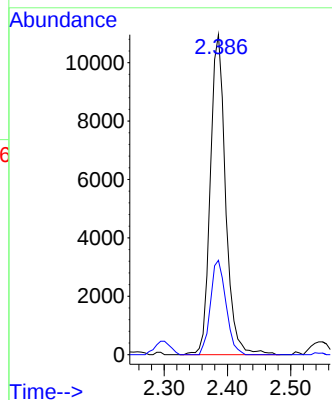
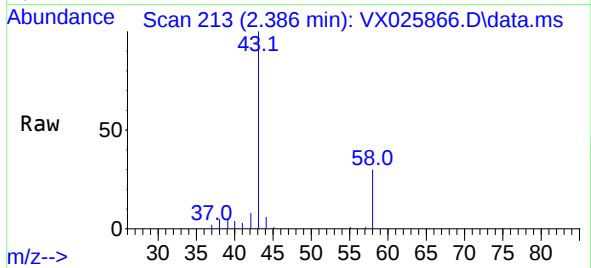




#16
Acetone
Concen: 1.263 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

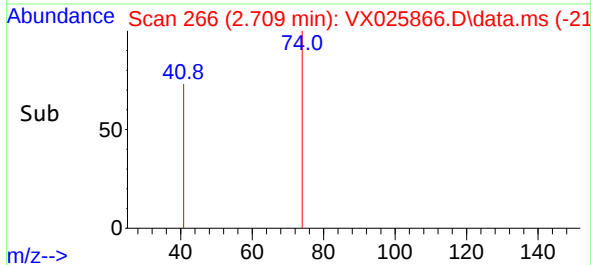
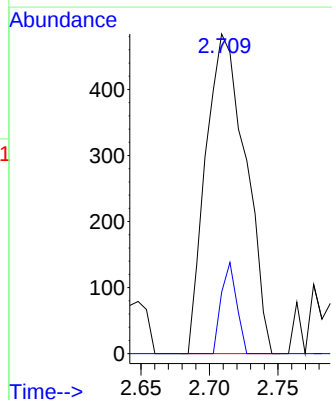
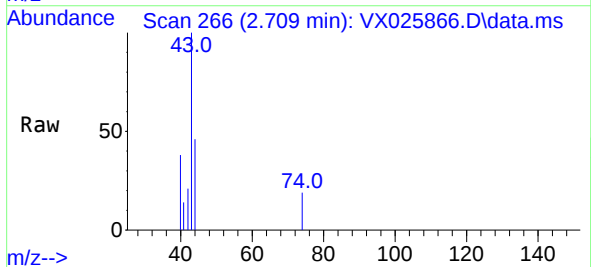
Instrument :
MSVOA_X
ClientSampleId :

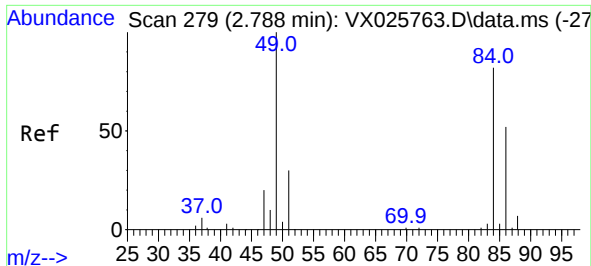
Tgt Ion: 43 Resp: 18405
Ion Ratio Lower Upper
43 100
58 29.5 24.8 37.2



#18
Methyl Acetate
Concen: 0.334 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

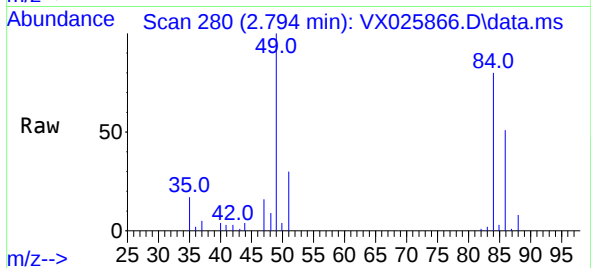
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
74 10.9 19.1 28.7#





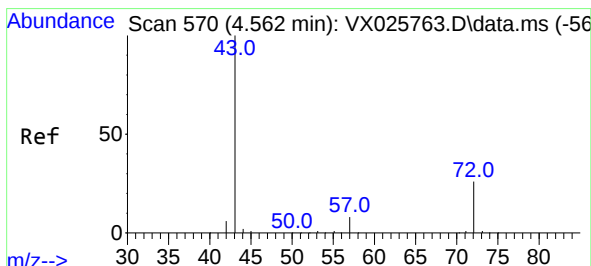
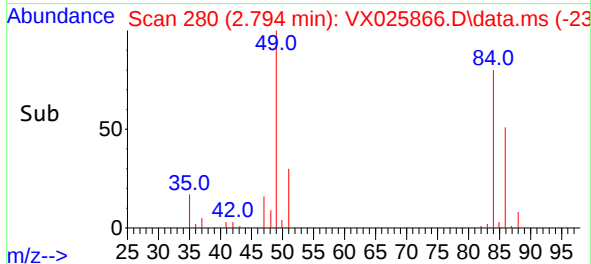
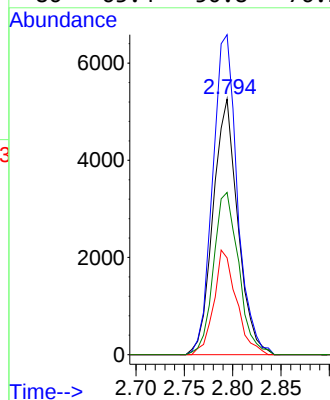
#20
Methylene Chloride
Concen: 3.452 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 9382

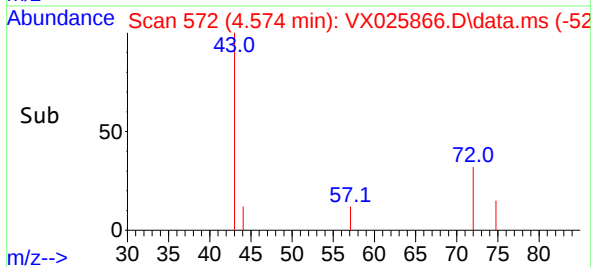
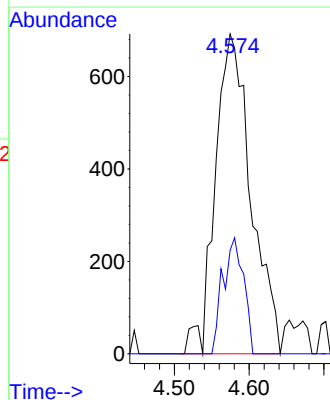
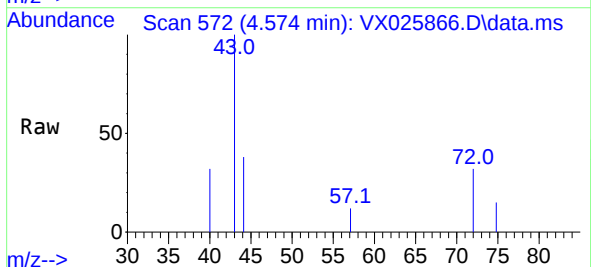
Ion	Ratio	Lower	Upper
84	100		
49	125.1	97.1	145.7
51	37.8	29.3	43.9
86	63.4	50.8	76.2

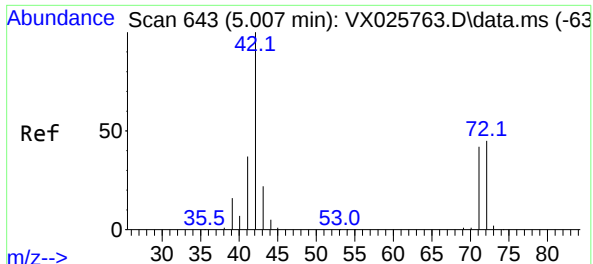


#25
2-Butanone
Concen: 1.779 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion: 43 Resp: 2301

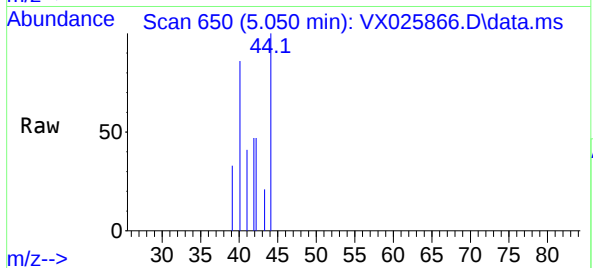
Ion	Ratio	Lower	Upper
43	100		
72	32.4	21.0	31.4#



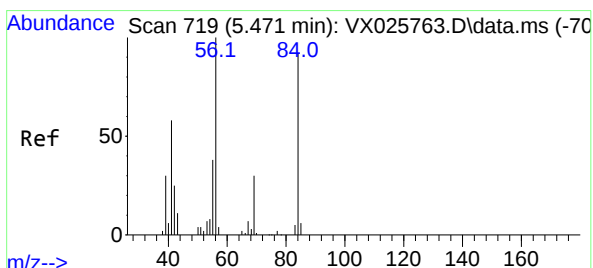
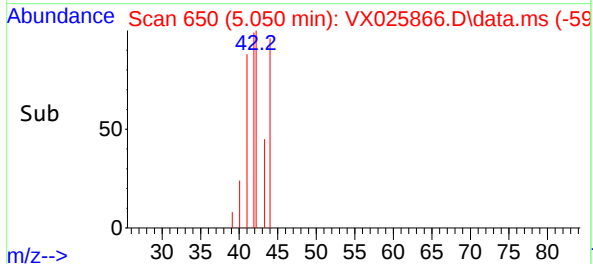
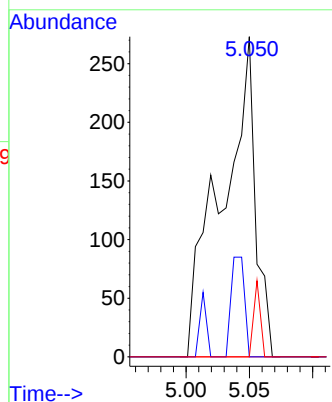


#29
Tetrahydrofuran
Concen: 0.614 ug/l
RT: 5.050 min Scan# 61
Delta R.T. 0.043 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :

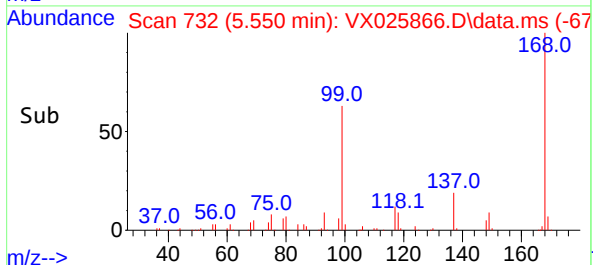
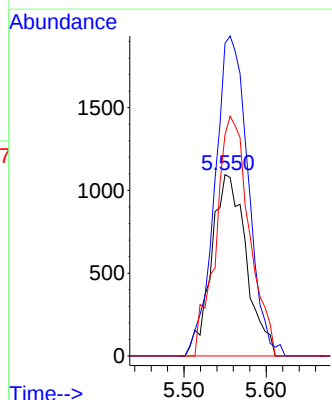
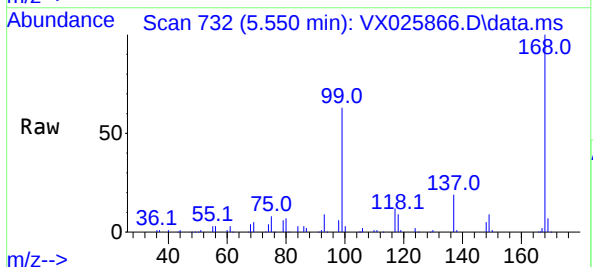


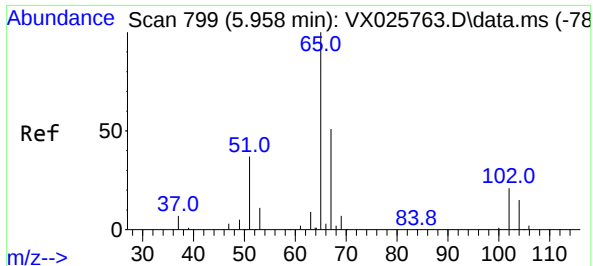
Tgt Ion:	42	Resp:	505
Ion	Ratio	Lower	Upper
42	100		
72	12.3	37.0	55.6#
71	4.8	34.1	51.1#



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion:	56	Resp:	3199
Ion	Ratio	Lower	Upper
56	100		
69	172.4	23.9	35.9#
84	122.1	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 48.417 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

Instrument :

MSVOA_X

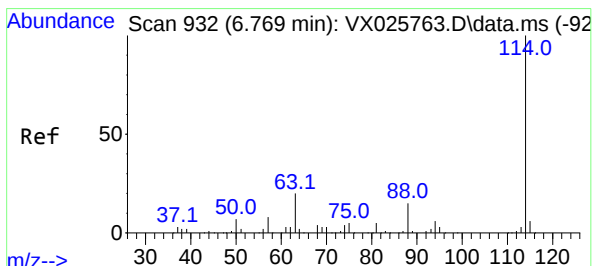
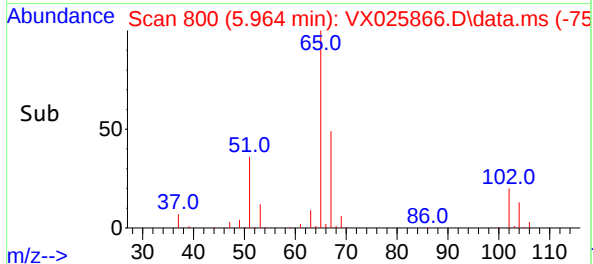
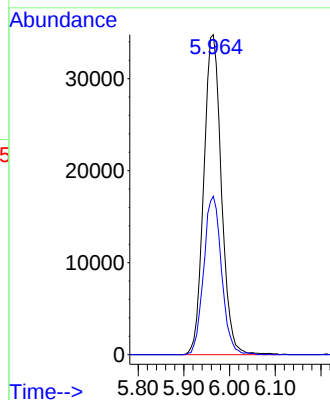
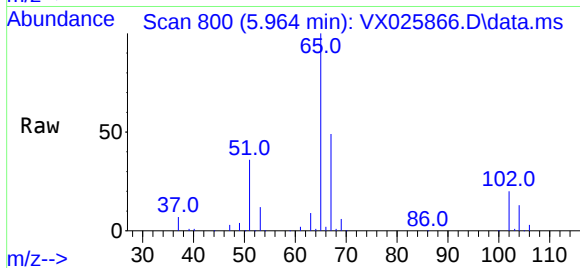
ClientSampleId :

Tgt Ion: 65 Resp: 93106

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

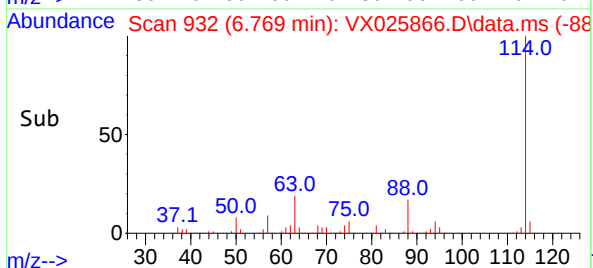
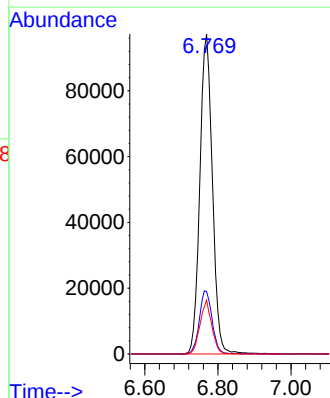
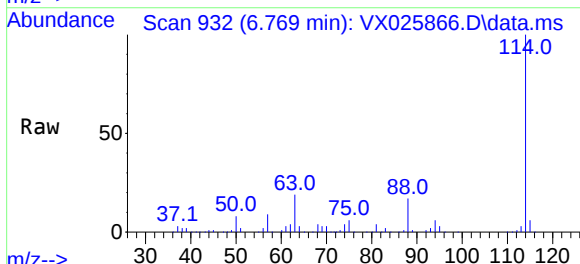
Tgt Ion: 114 Resp: 232380

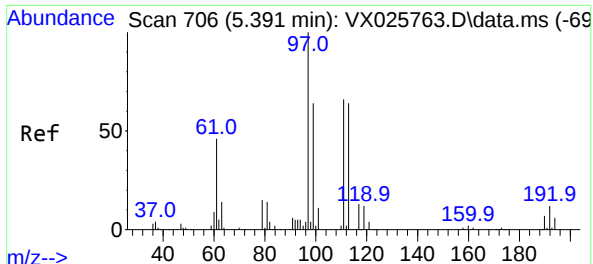
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

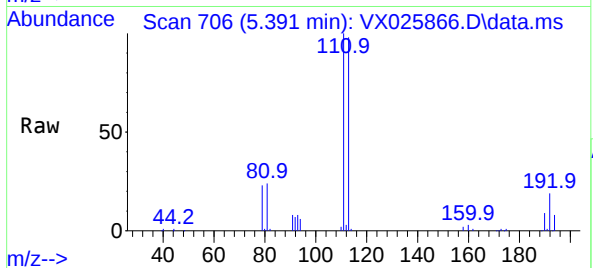
88 16.9 0.0 30.6



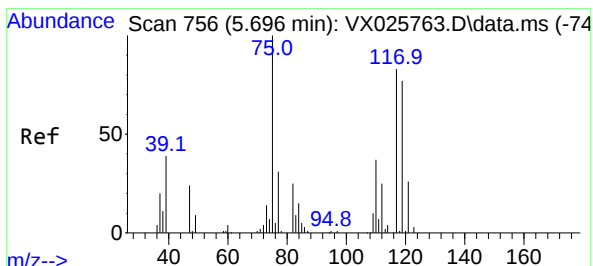
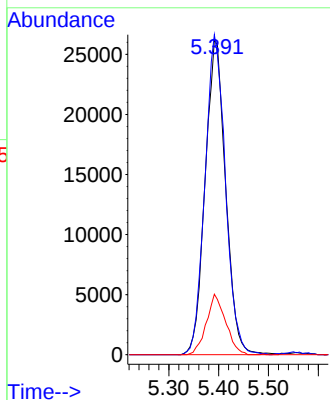
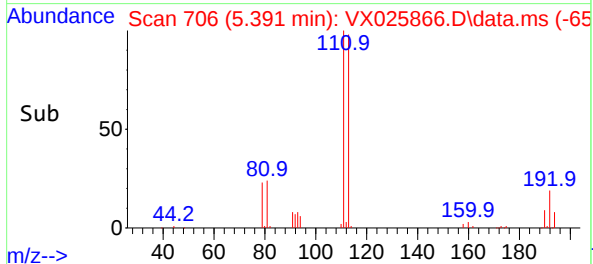


#35
Dibromofluoromethane
Concen: 46.157 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

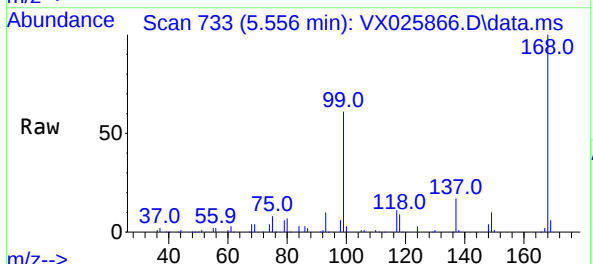
Instrument :
MSVOA_X
ClientSampleId :



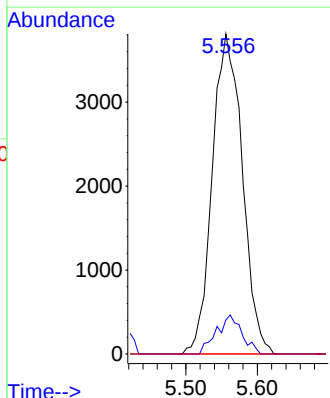
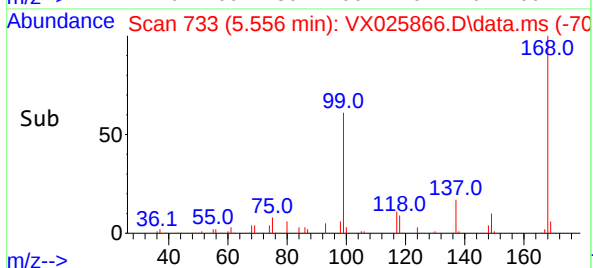
Tgt Ion:113 Resp: 74804
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 18.0 15.0 22.4

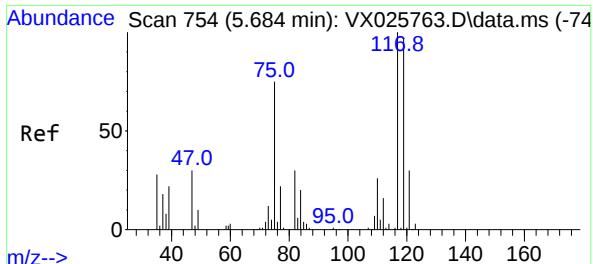


#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27



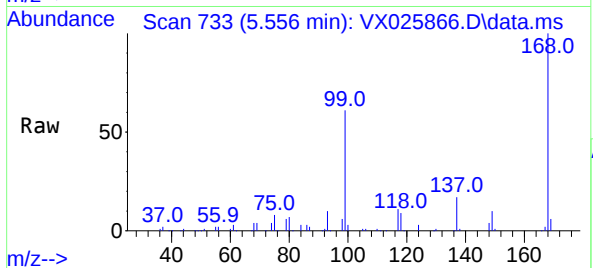
Tgt Ion: 75 Resp: 11115
Ion Ratio Lower Upper
75 100
110 10.3 18.2 54.6#
77 0.0 24.7 37.1#



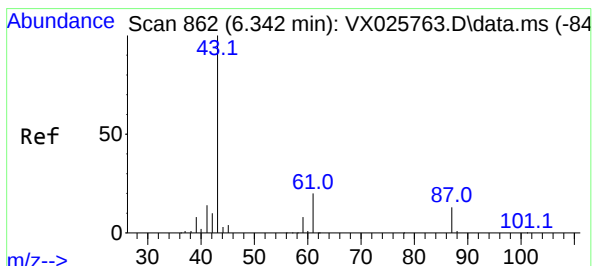
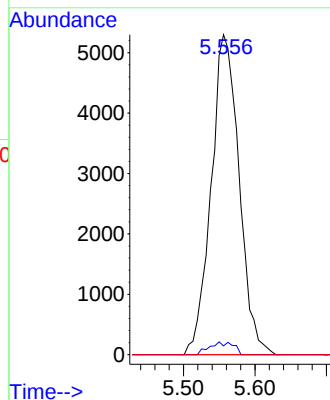
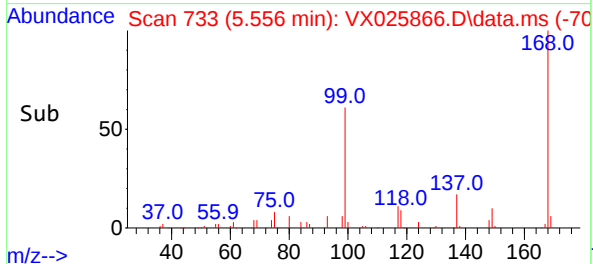


#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :

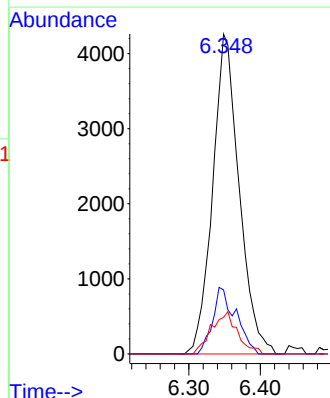
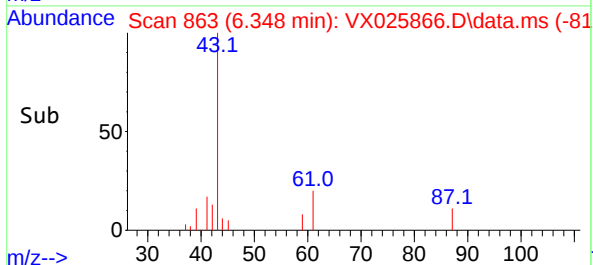
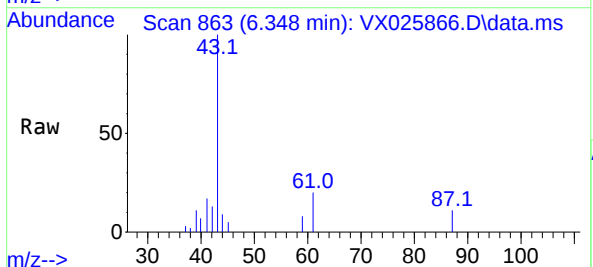


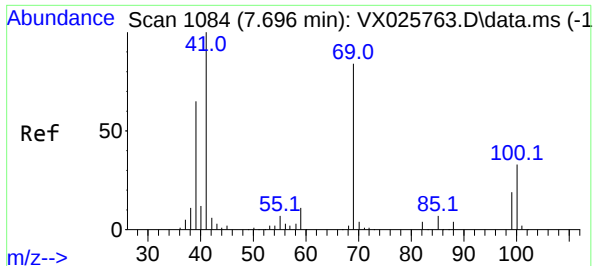
Tgt Ion:117 Resp: 14385
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.781 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion: 43 Resp: 10941
Ion Ratio Lower Upper
43 100
61 18.2 15.7 23.5
87 13.0 11.2 16.8





#48

Methyl methacrylate

Concen: 1.712 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.092 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

Instrument :

MSVOA_X

ClientSampleId :

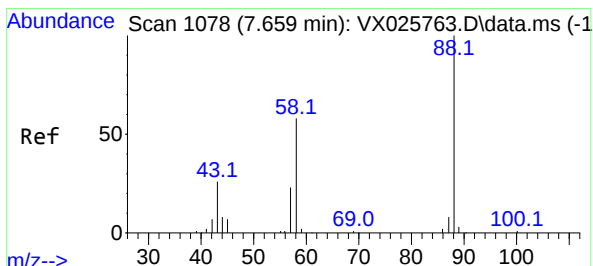
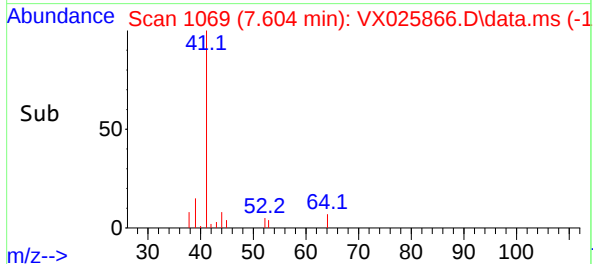
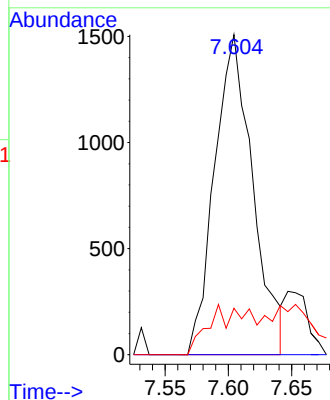
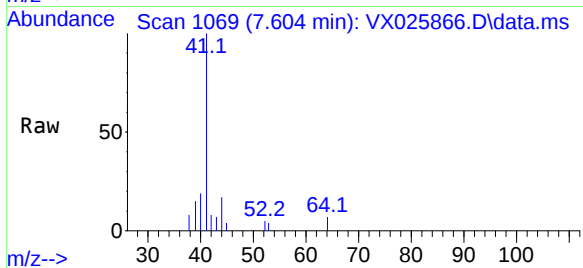
Tgt Ion: 41 Resp: 3172

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 0.841 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

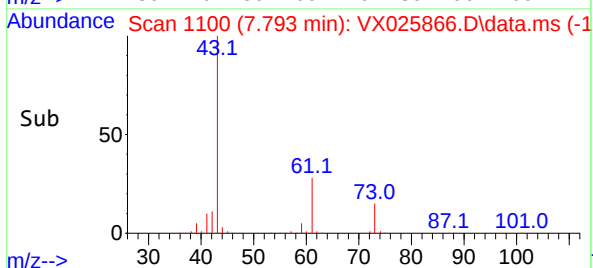
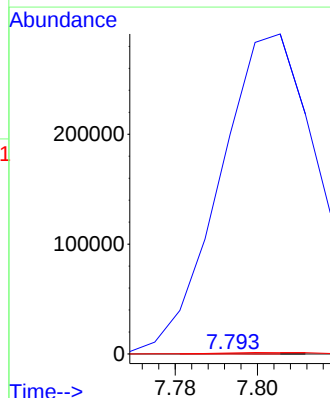
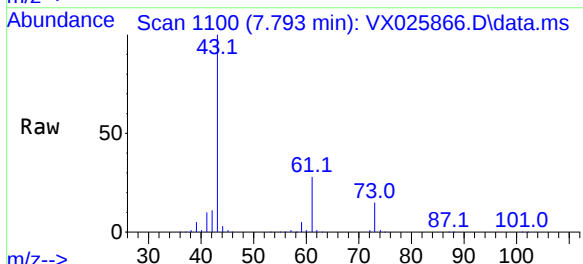
Tgt Ion: 88 Resp: 34

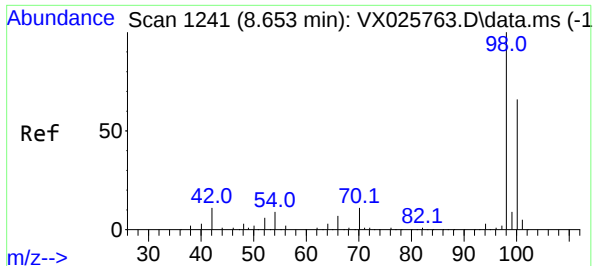
Ion Ratio Lower Upper

88 100

43 1490158.8 25.3 37.9#

58 6608.8 51.8 77.6#

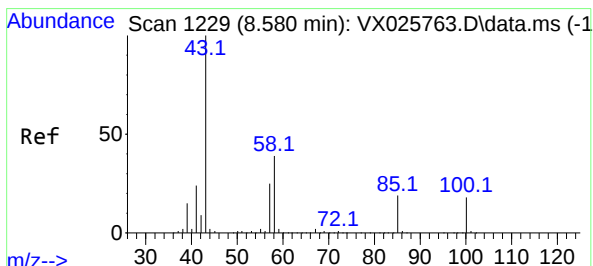
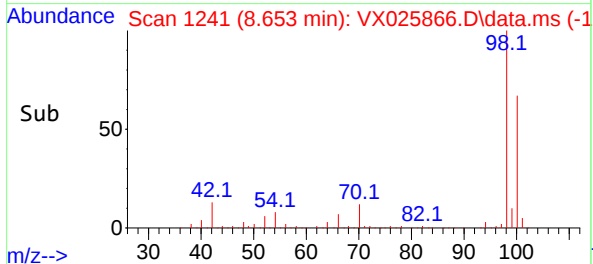
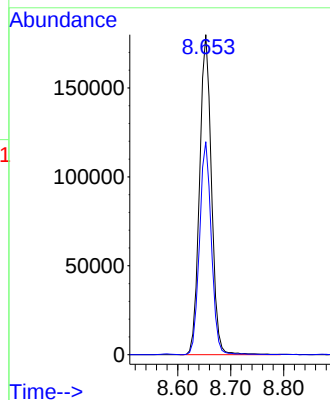
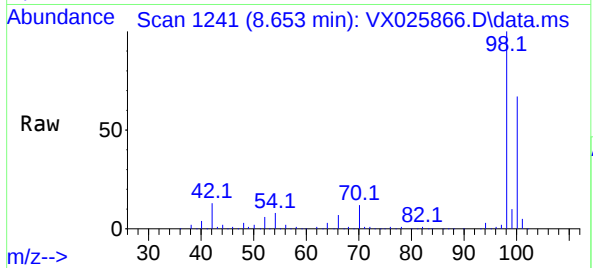




#50
Toluene-d8
Concen: 47.599 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

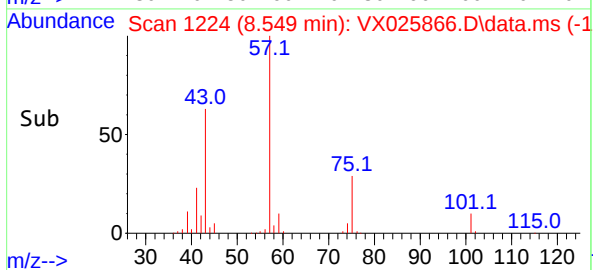
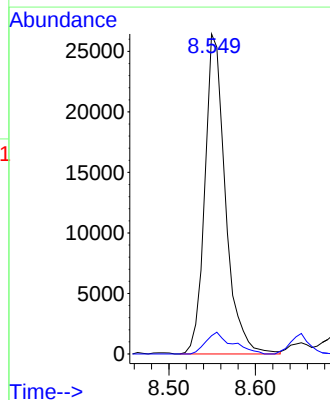
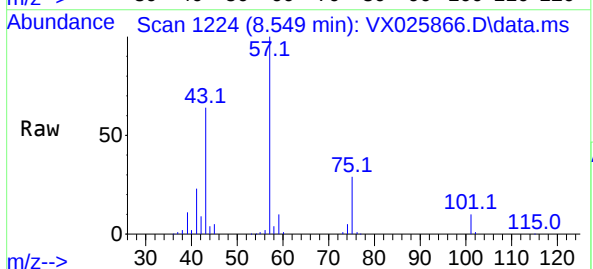
Instrument :
MSVOA_X
ClientSampleId :

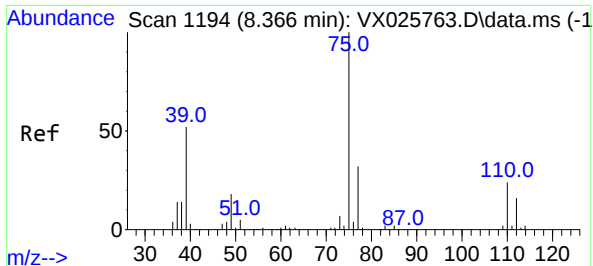
Tgt Ion: 98 Resp: 281064
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 16.928 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion: 43 Resp: 43595
Ion Ratio Lower Upper
43 100
58 8.7 30.8 46.2#

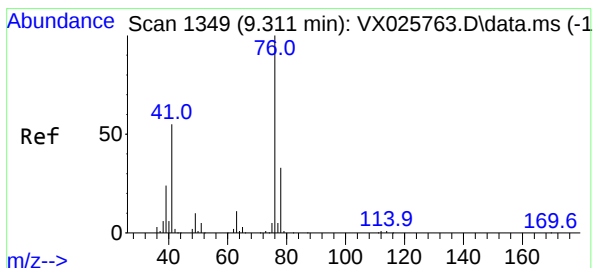
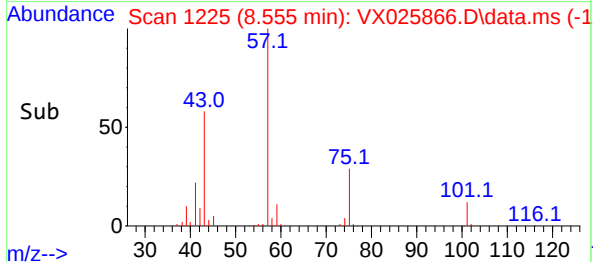
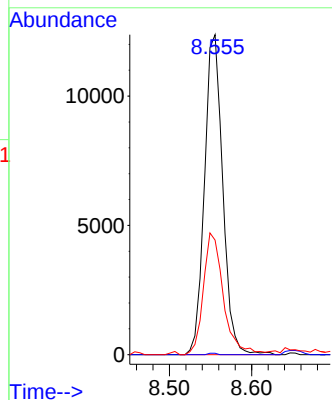
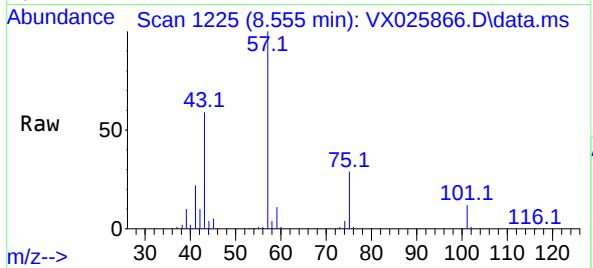




#54
 cis-1,3-Dichloropropene
 Concen: 7.218 ug/l
 RT: 8.555 min Scan# 1194
 Delta R.T. 0.189 min
 Lab File: VX025866.D
 Acq: 16 Dec 2021 19:27

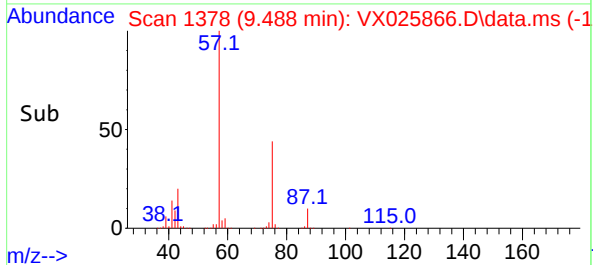
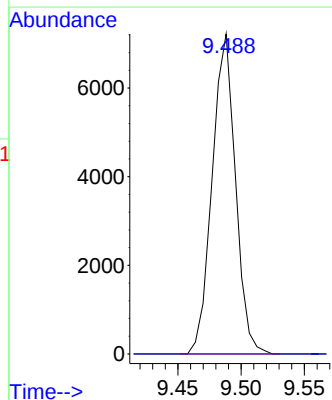
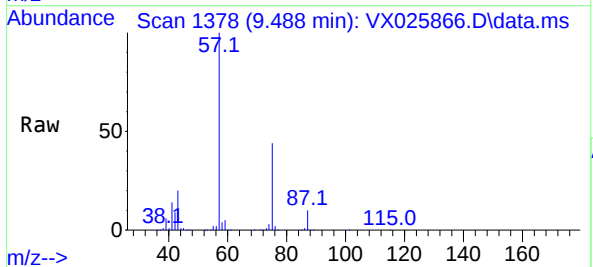
Instrument :
 MSVOA_X
 ClientSampleId :

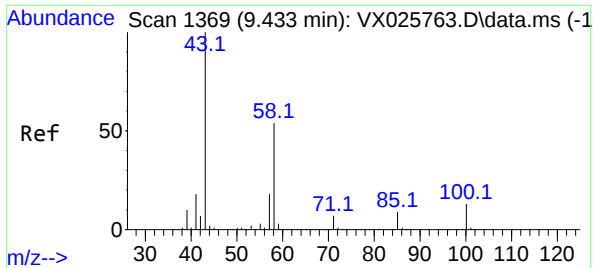
Tgt Ion: 75 Resp: 19088
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 35.8 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 3.148 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX025866.D
 Acq: 16 Dec 2021 19:27

Tgt Ion: 76 Resp: 9251
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 64.572 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

Instrument :

MSVOA_X

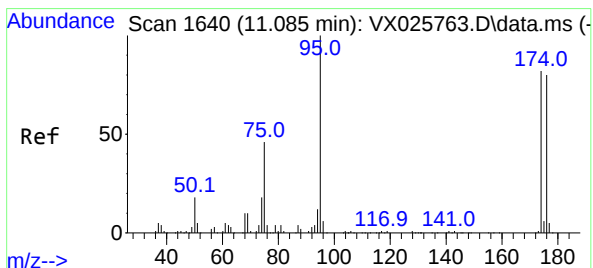
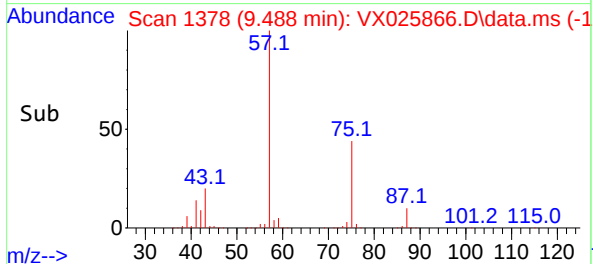
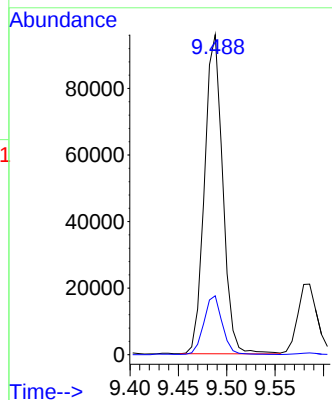
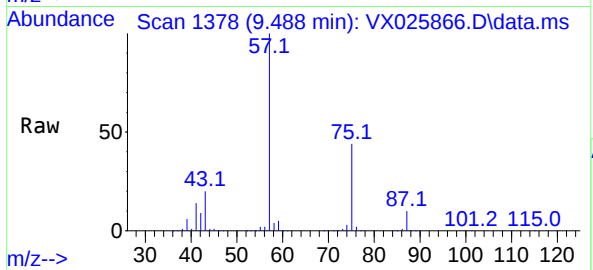
ClientSampleId :

Tgt Ion: 43 Resp: 125994

Ion Ratio Lower Upper

43 100

58 18.6 26.9 80.6#



#62

4-Bromofluorobenzene

Concen: 40.304 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX025866.D

Acq: 16 Dec 2021 19:27

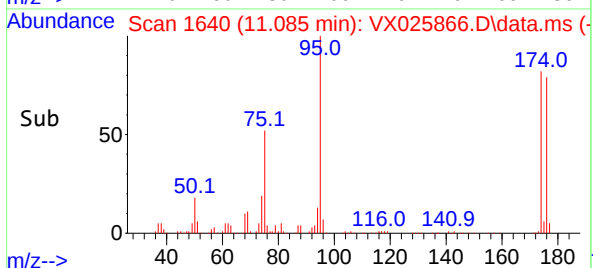
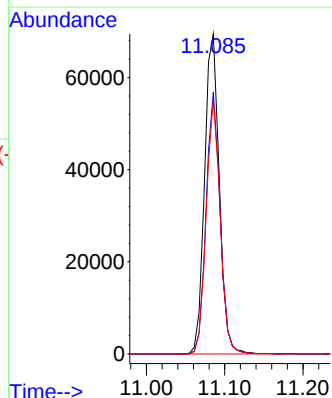
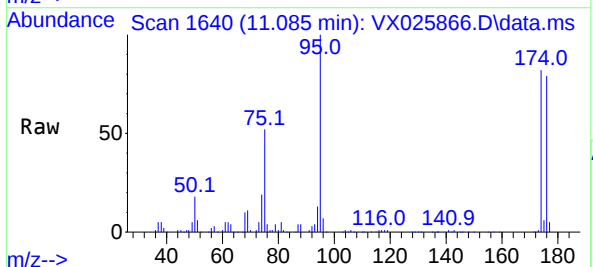
Tgt Ion: 95 Resp: 90404

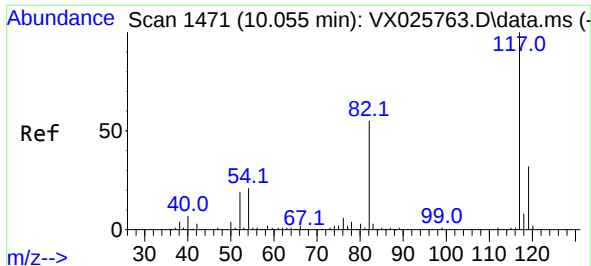
Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.4

176 75.5 0.0 154.6

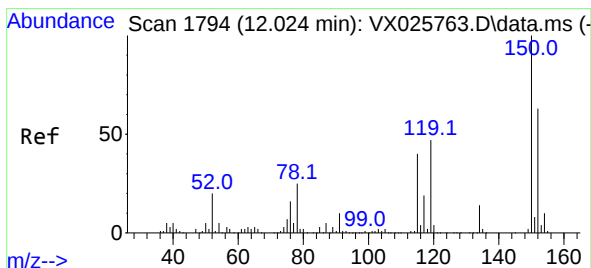
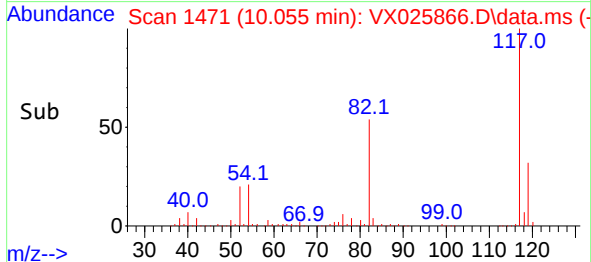
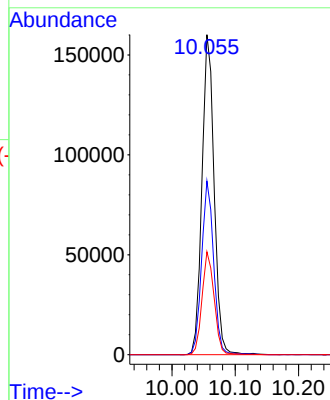
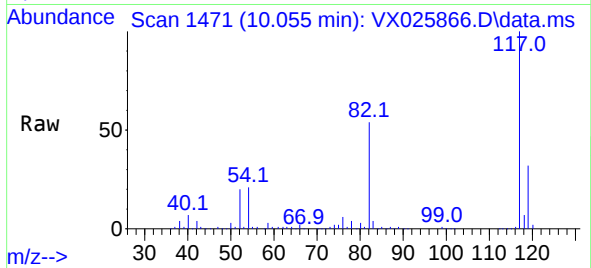




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

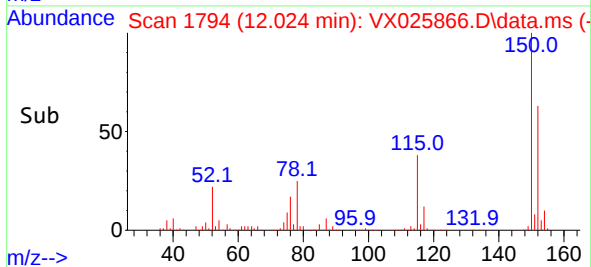
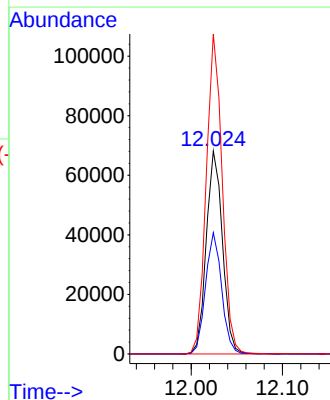
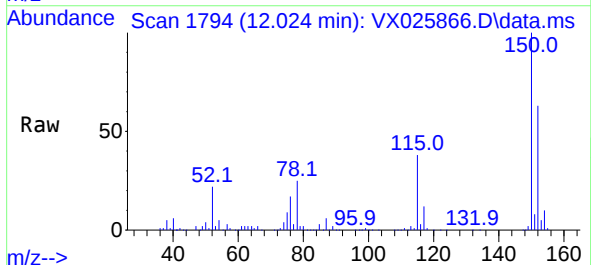
Instrument :
MSVOA_X
ClientSampleId :

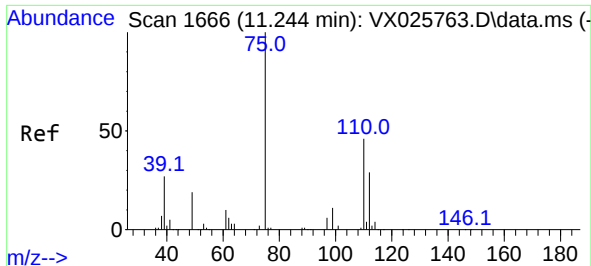
Tgt Ion:117 Resp: 214684
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Tgt Ion:152 Resp: 83724
Ion Ratio Lower Upper
152 100
115 59.5 41.3 123.9
150 154.8 0.0 351.8

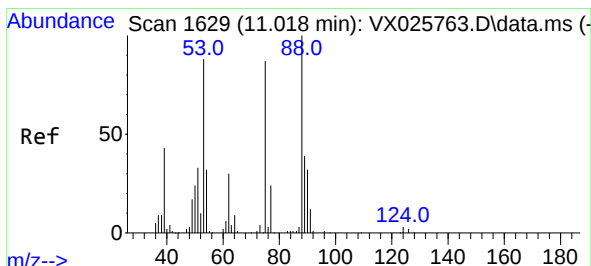
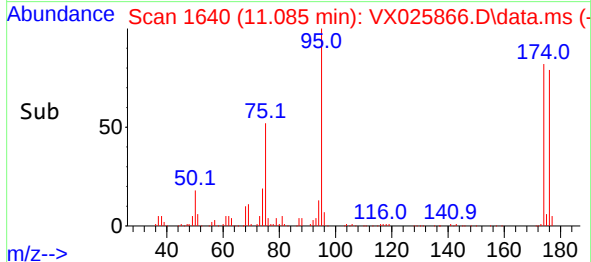
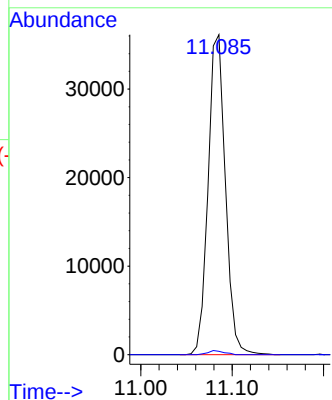
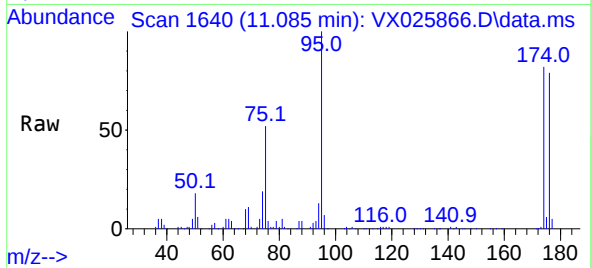




#76
1,2,3-Trichloropropane
Concen: 24.711 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

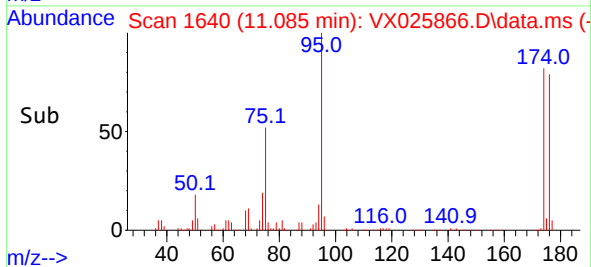
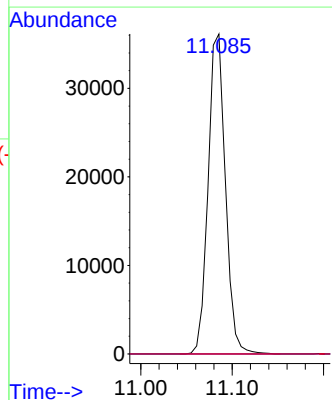
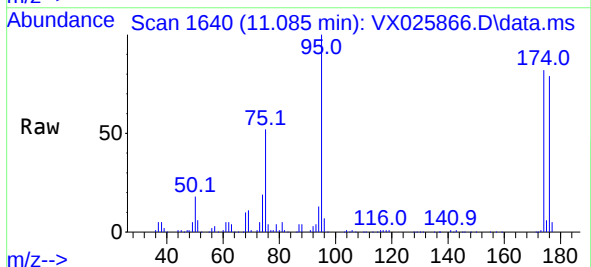
Instrument :
MSVOA_X
ClientSampleId :

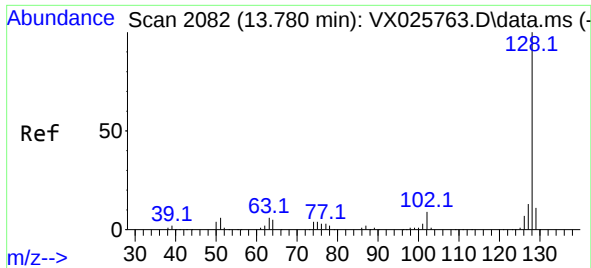
Tgt Ion: 75 Resp: 47403
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.612 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

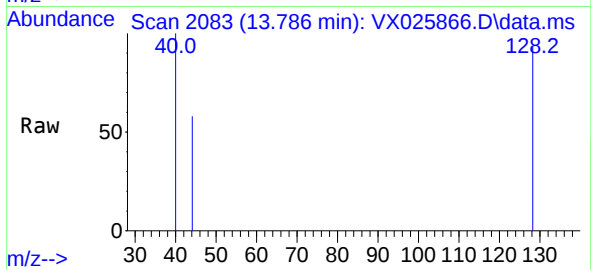
Tgt Ion: 75 Resp: 47403
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#





#95
Naphthalene
Concen: 2.469 ug/l
RT: 13.786 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX025866.D
Acq: 16 Dec 2021 19:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

