

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031859.D
 Acq On : 04 Oct 2022 01:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 08:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

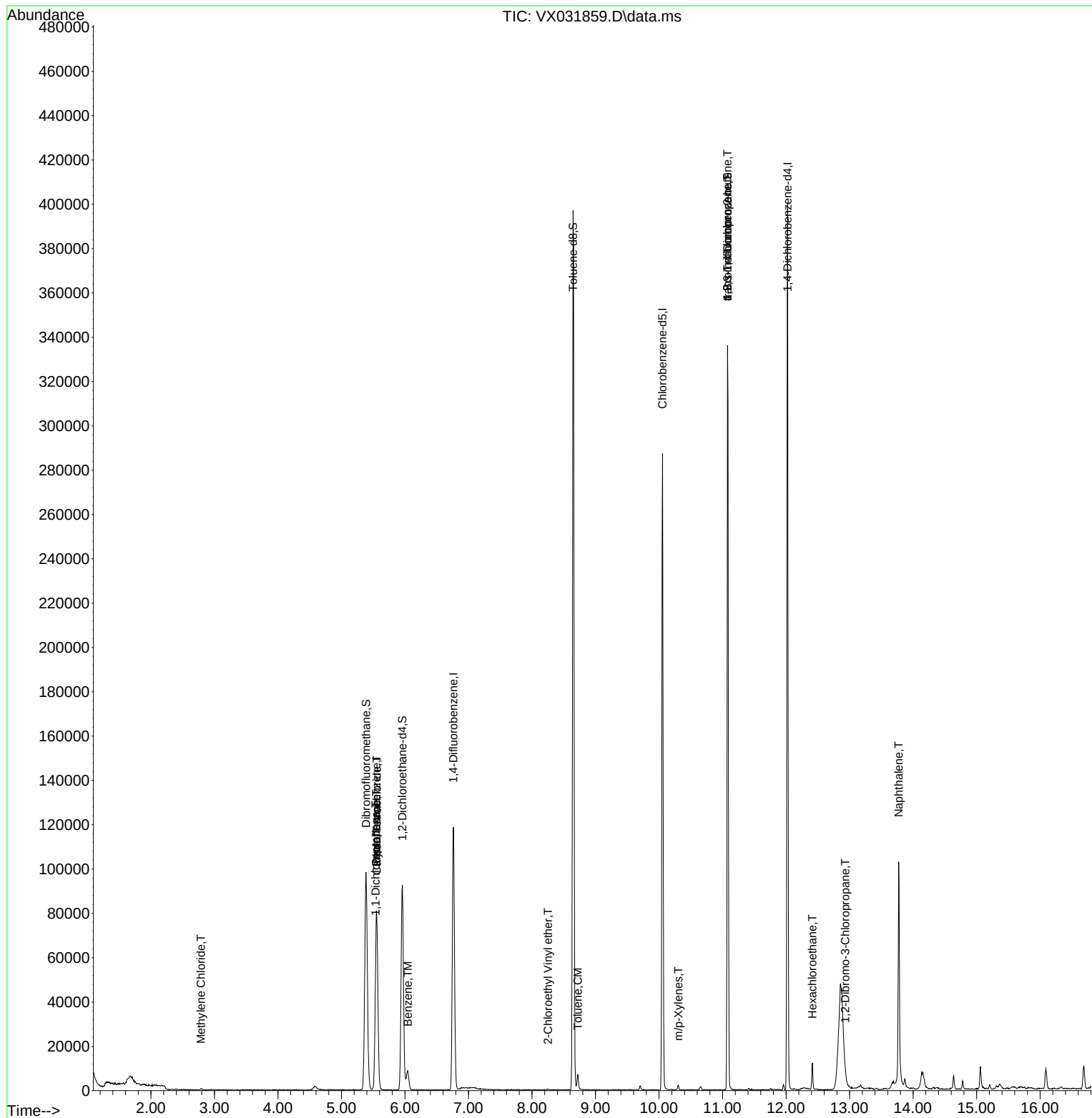
Internal Standards						
1) Pentafluorobenzene	5.550	168	85570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	136178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87148	56.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.700%
35) Dibromofluoromethane	5.385	113	85445	52.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.620%
50) Toluene-d8	8.647	98	254513	43.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.940%
62) 4-Bromofluorobenzene	11.079	95	88009	42.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.460%
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	387	Below Cal	#	62
6) Chloroethane	1.685	64	400	Below Cal	#	43
8) Diethyl Ether	2.044	74	59	Below Cal	#	1
16) Acetone	2.404	43	299	Below Cal	#	45
17) Carbon Disulfide	2.514	76	308	Below Cal	#	75
20) Methylene Chloride	2.788	84	349	0.260	ug/l #	68
31) Cyclohexane	5.550	56	1352	0.740	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	5437	2.710	ug/l #	51
38) Carbon Tetrachloride	5.556	117	8047	3.231	ug/l #	16
40) Benzene	6.044	78	10801	1.864	ug/l	99
52) Toluene	8.720	92	2815	0.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	217	0.225	ug/l #	46
68) m/p-Xylenes	10.305	106	669	0.229	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	41297	25.374	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41297	87.106	ug/l #	11
90) Hexachloroethane	12.414	117	612	0.605	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.933	75	191	0.505	ug/l #	3
95) Naphthalene	13.774	128	78839	13.132	ug/l	99

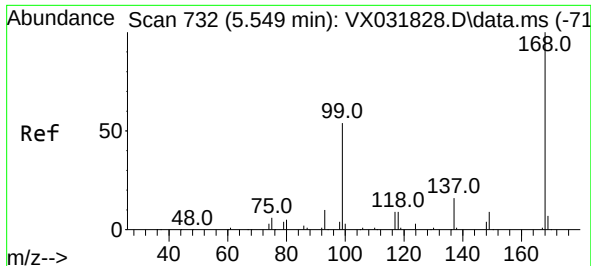
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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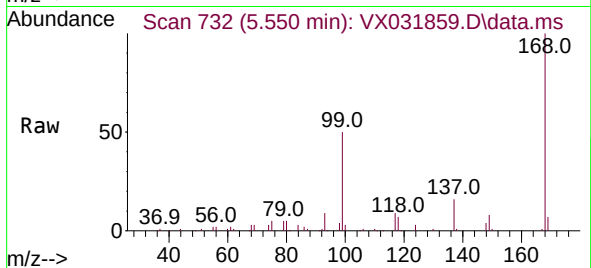
Quant Time: Oct 04 08:06:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



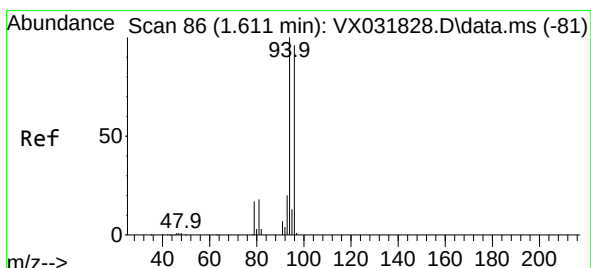
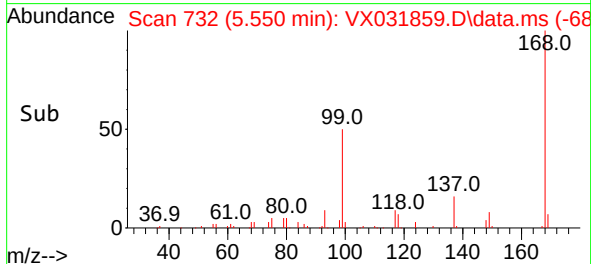
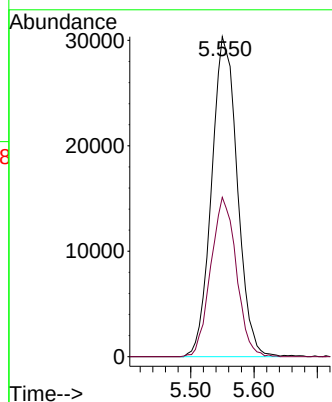


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Instrument :
MSVOA_X
ClientSampleId :

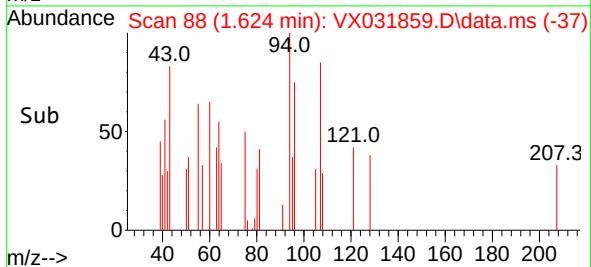
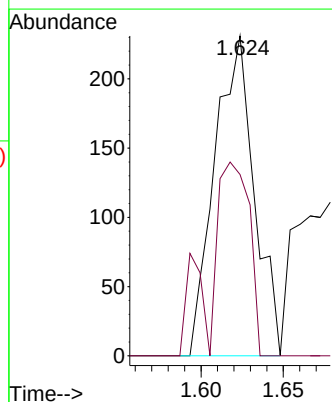
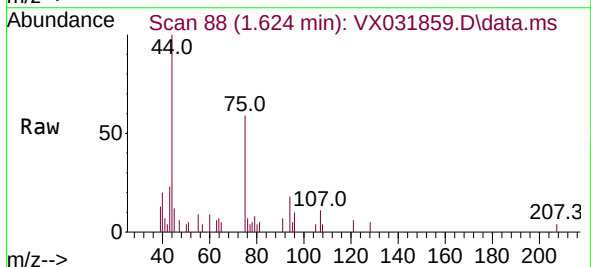


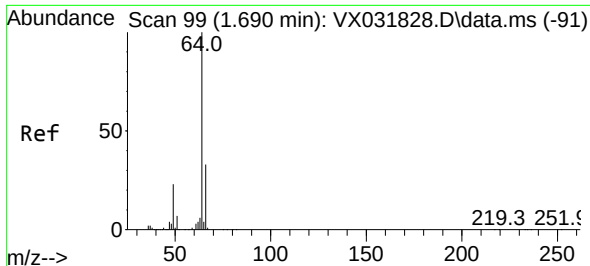
Tgt Ion:168 Resp: 85570
Ion Ratio Lower Upper
168 100
99 49.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 56.7 74.4 111.6#

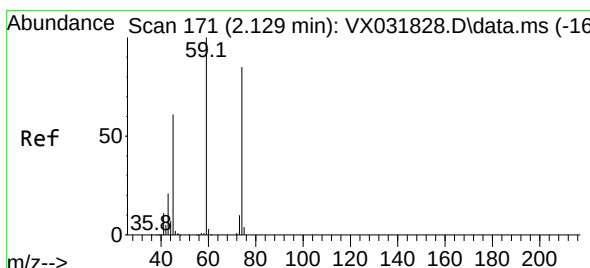
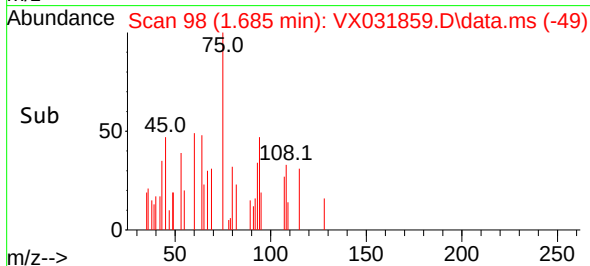
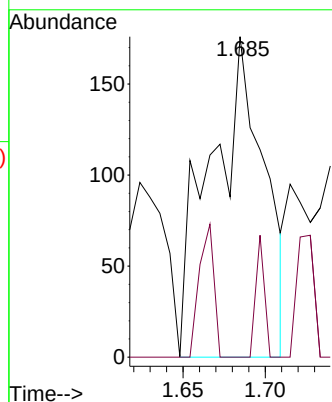
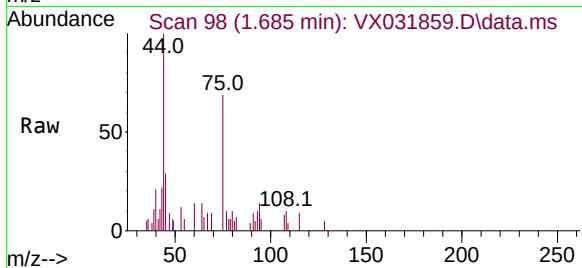




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

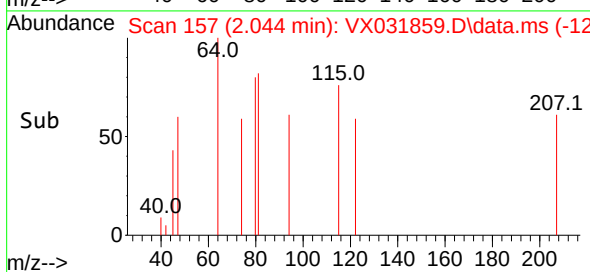
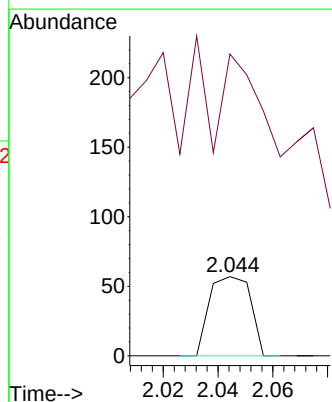
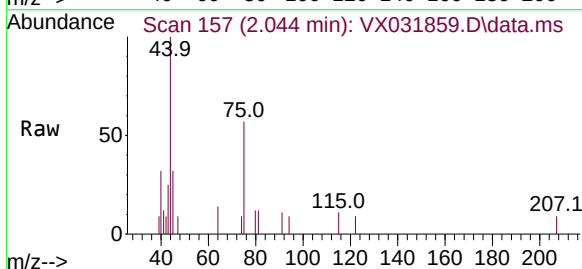
Instrument :
MSVOA_X
ClientSampleId :

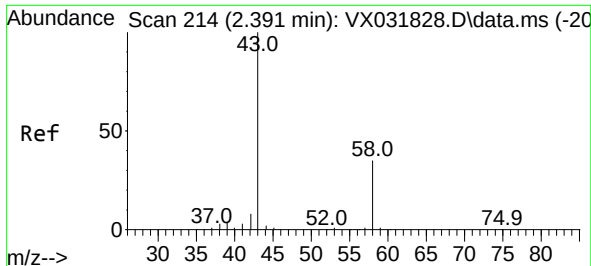
Tgt Ion: 64 Resp: 400
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#8
Diethyl Ether
Concen: Below Cal
RT: 2.044 min Scan# 157
Delta R.T. -0.086 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 74 Resp: 59
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#

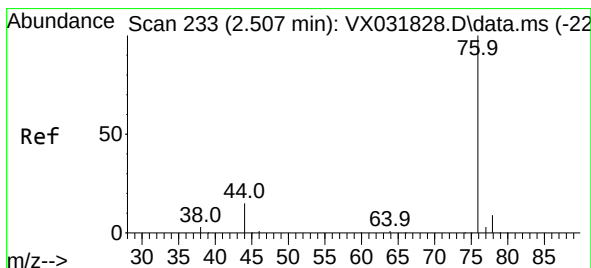
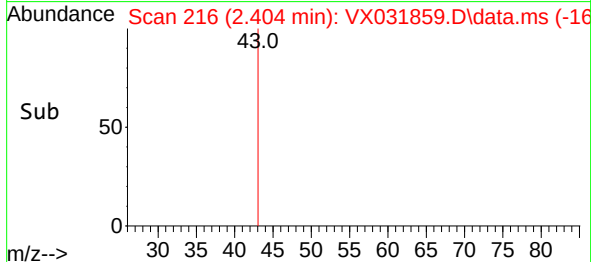
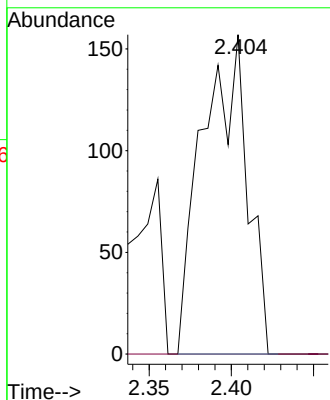
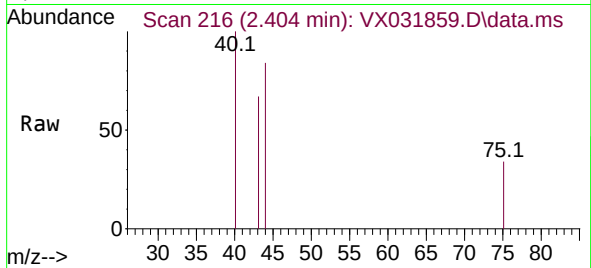




#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

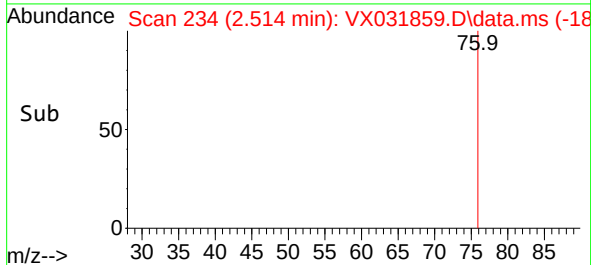
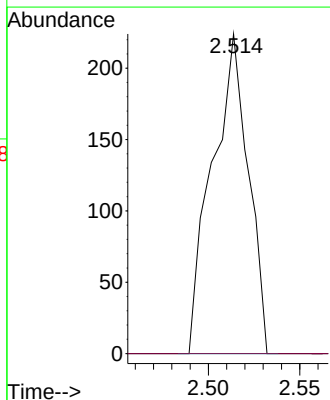
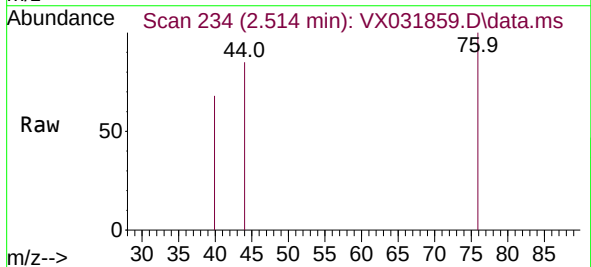
Instrument :
MSVOA_X
ClientSampleId :

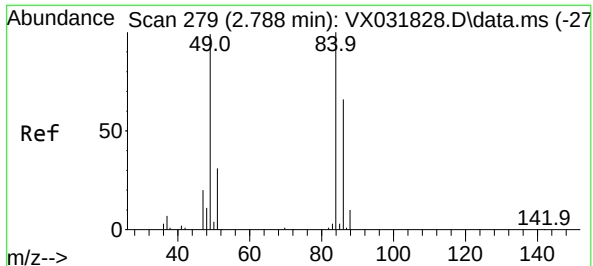
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

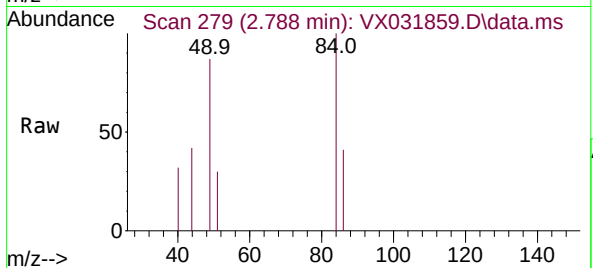
Tgt Ion: 76 Resp: 308
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



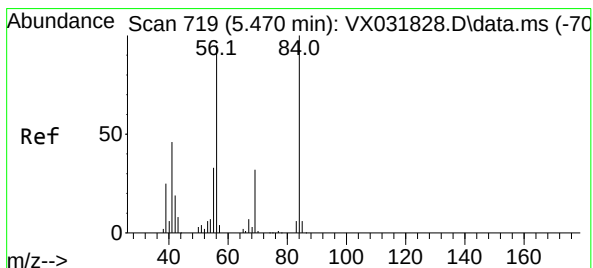
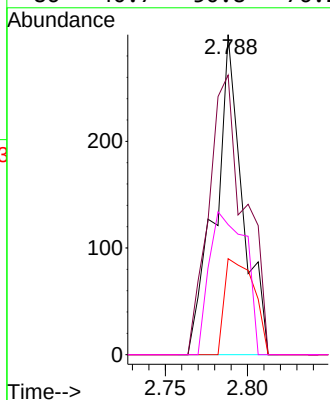
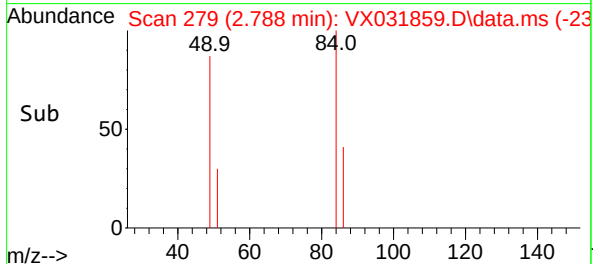


#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Instrument :
MSVOA_X
ClientSampleId :

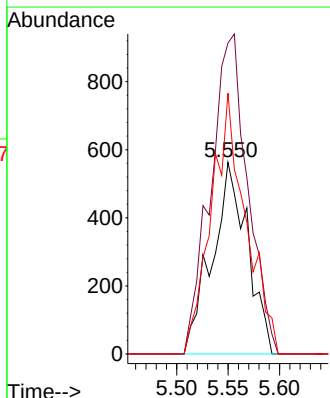
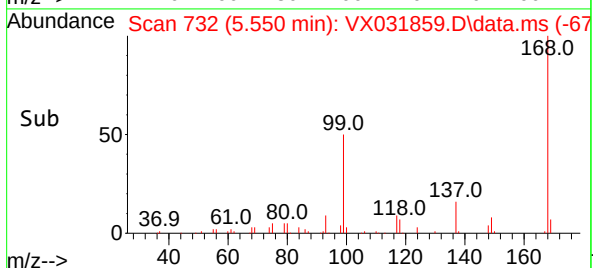
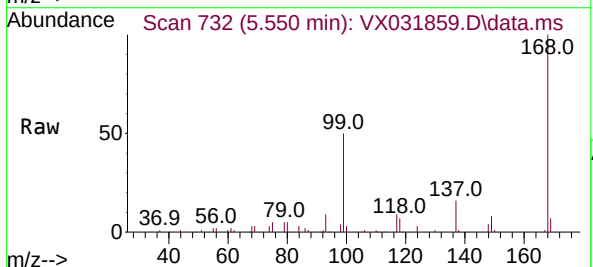


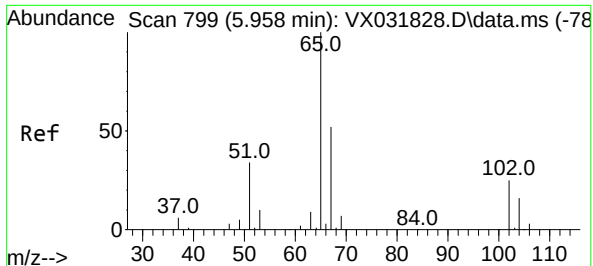
Tgt Ion:	84	Resp:	349
Ion	Ratio	Lower	Upper
84	100		
49	87.3	105.9	158.9#
51	30.0	32.2	48.2#
86	40.7	50.8	76.2#



#31
Cyclohexane
Concen: 0.740 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion:	56	Resp:	1352
Ion	Ratio	Lower	Upper
56	100		
69	162.2	25.1	37.7#
84	136.1	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 56.847 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX031859.D

Acq: 04 Oct 2022 01:12

Instrument :

MSVOA_X

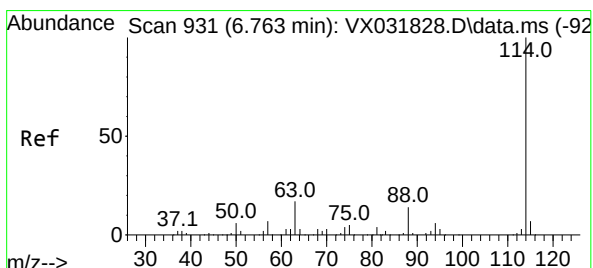
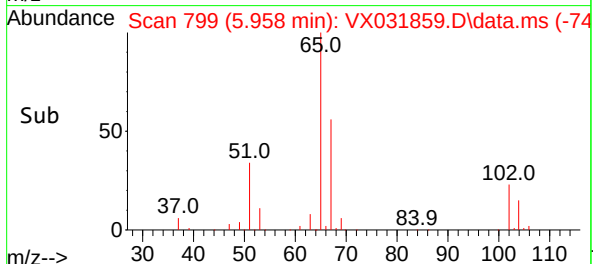
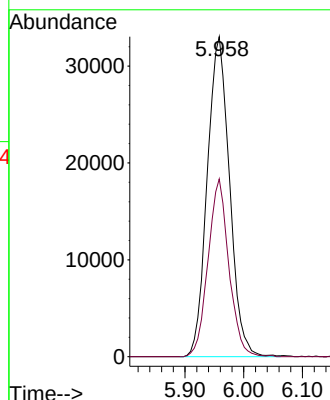
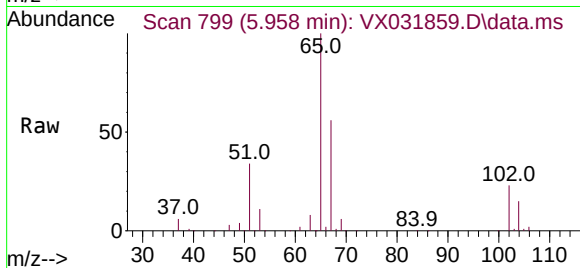
ClientSampleId :

Tgt Ion: 65 Resp: 87148

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031859.D

Acq: 04 Oct 2022 01:12

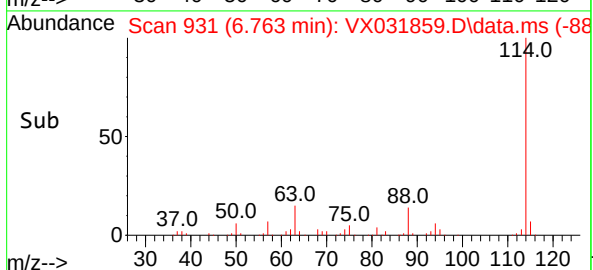
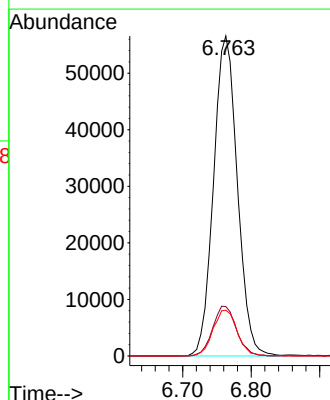
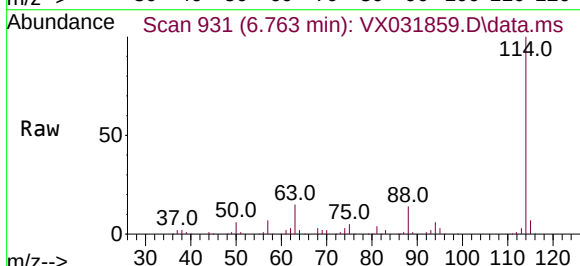
Tgt Ion: 114 Resp: 136178

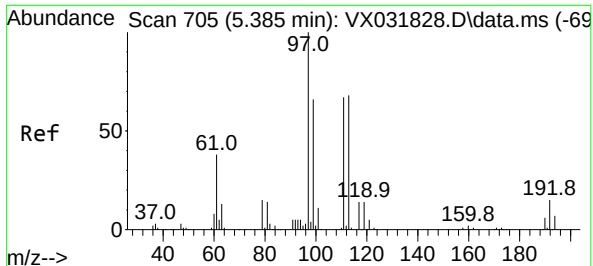
Ion Ratio Lower Upper

114 100

63 15.5 0.0 42.6

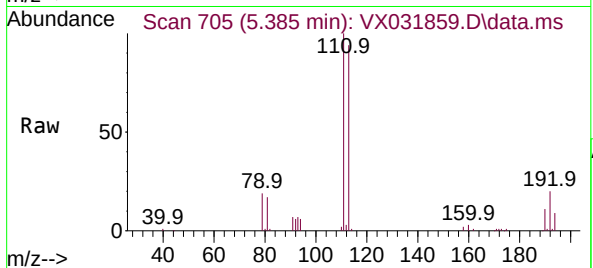
88 14.3 0.0 33.0



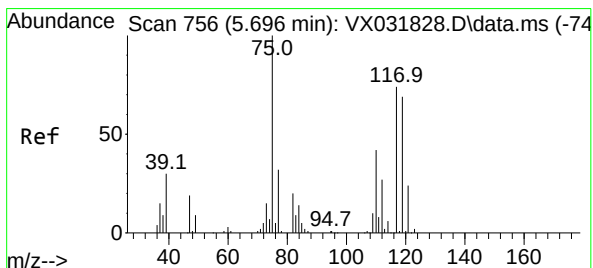
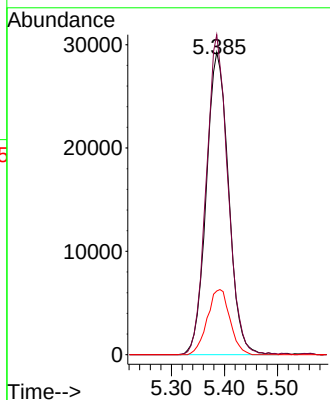
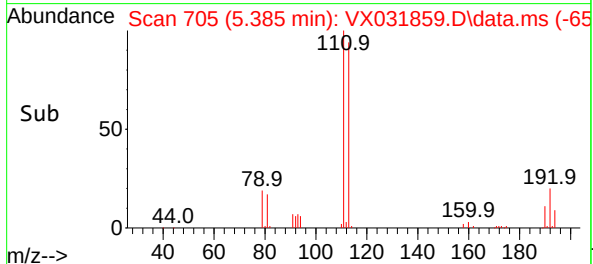


#35
Dibromofluoromethane
Concen: 52.811 ug/l
RT: 5.385 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

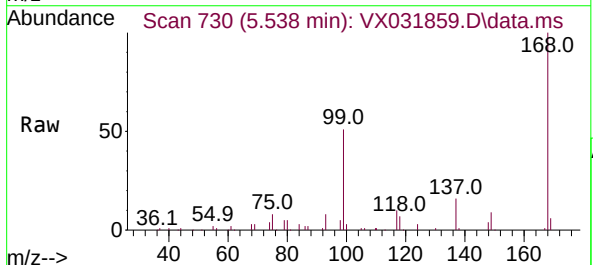
Instrument :
MSVOA_X
ClientSampleId :



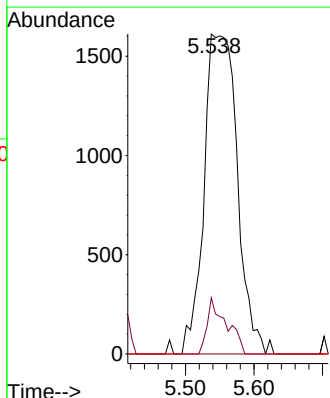
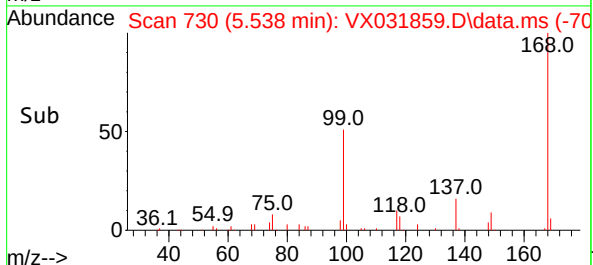
Tgt Ion:113 Resp: 85445
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 21.8 14.1 21.1#

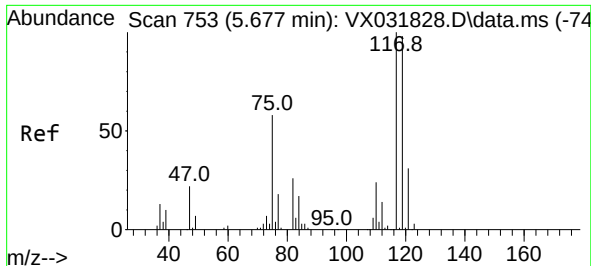


#36
1,1-Dichloropropene
Concen: 2.710 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.158 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12



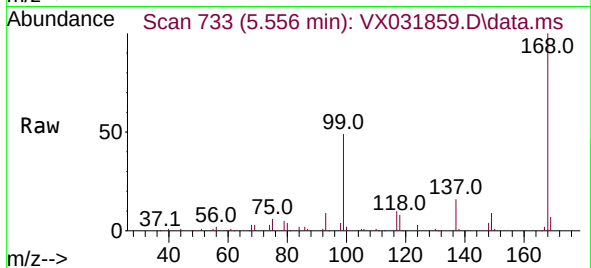
Tgt Ion: 75 Resp: 5437
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.9 37.3#



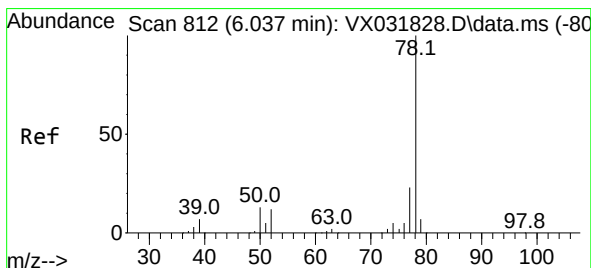
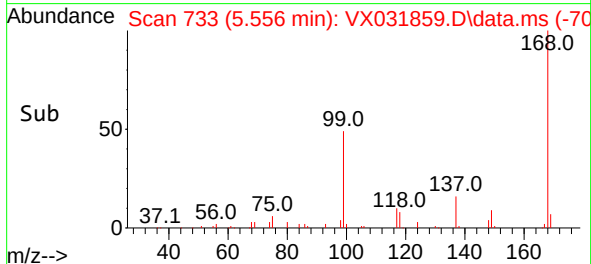
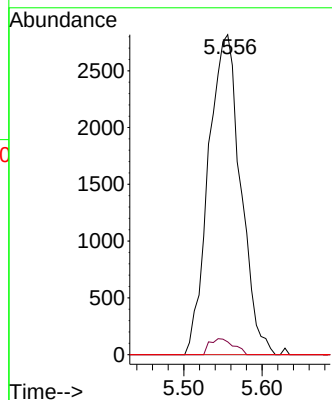


#38
Carbon Tetrachloride
Concen: 3.231 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Instrument :
MSVOA_X
ClientSampleId :

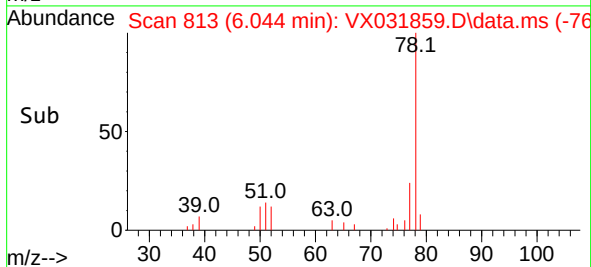
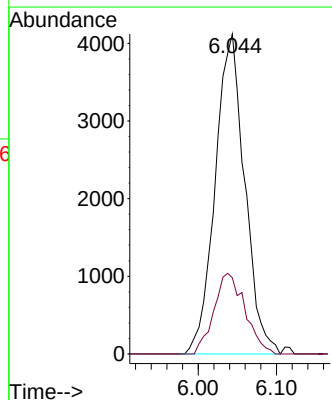
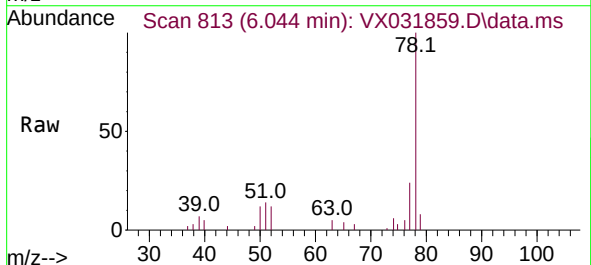


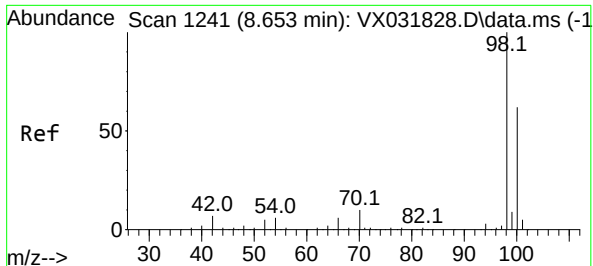
Tgt Ion:117 Resp: 8047
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#40
Benzene
Concen: 1.864 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 78 Resp: 10801
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#50

Toluene-d8

Concen: 43.973 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031859.D

Acq: 04 Oct 2022 01:12

Instrument :

MSVOA_X

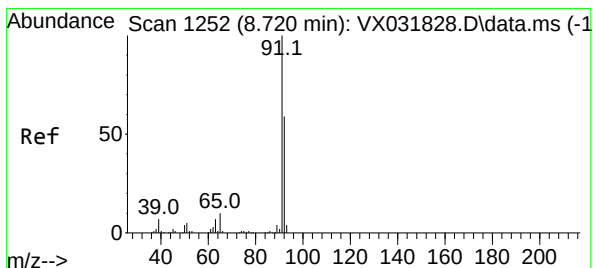
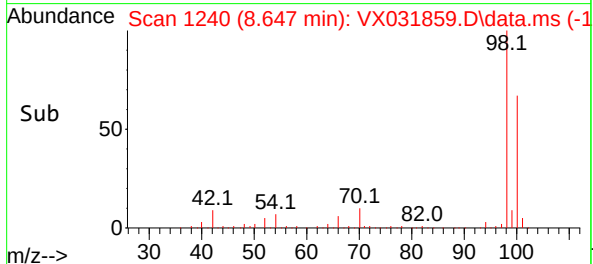
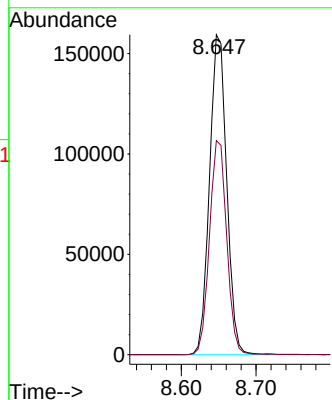
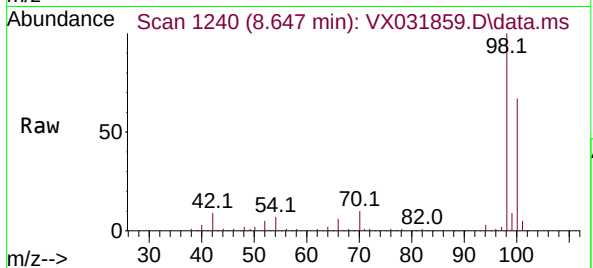
ClientSampleId :

Tgt Ion: 98 Resp: 254513

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7



#52

Toluene

Concen: 0.693 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031859.D

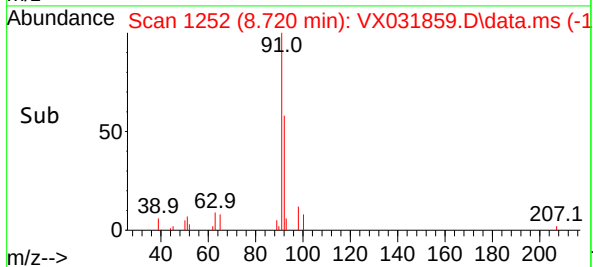
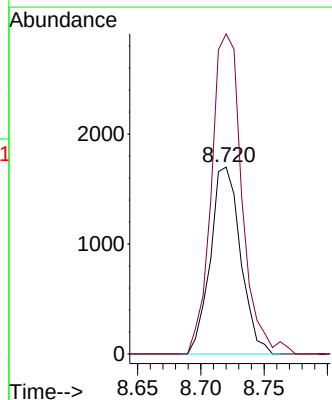
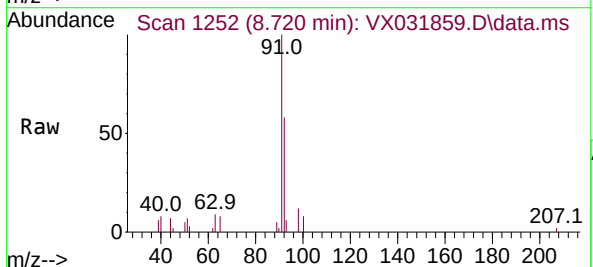
Acq: 04 Oct 2022 01:12

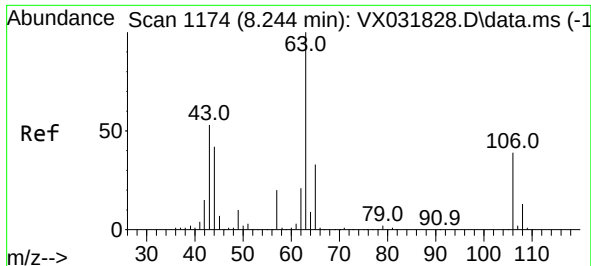
Tgt Ion: 92 Resp: 2815

Ion Ratio Lower Upper

92 100

91 174.0 137.1 205.7

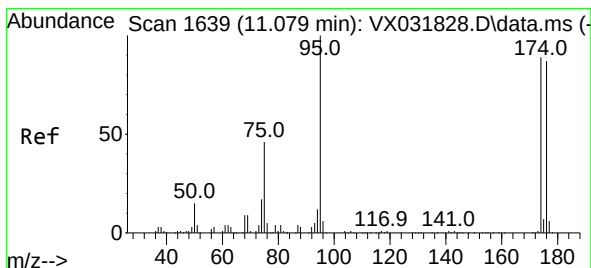
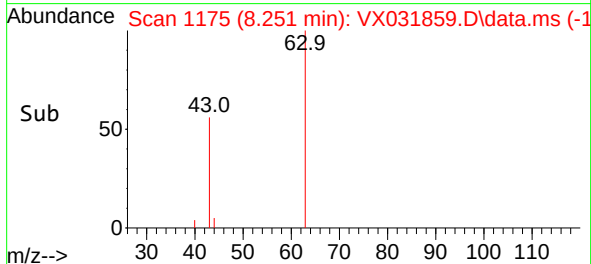
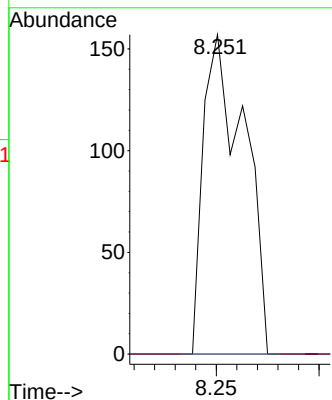
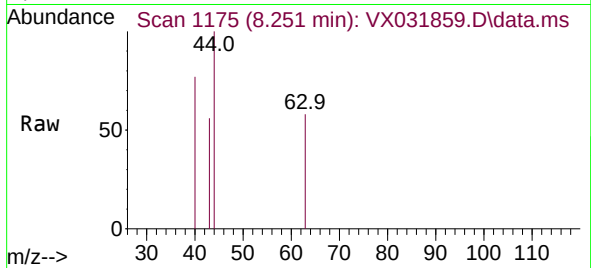




#58
2-Chloroethyl Vinyl ether
Concen: 0.225 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

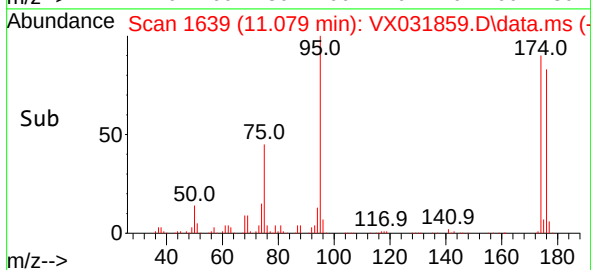
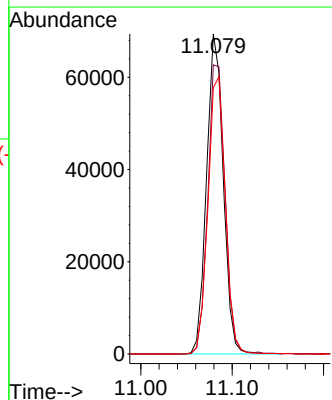
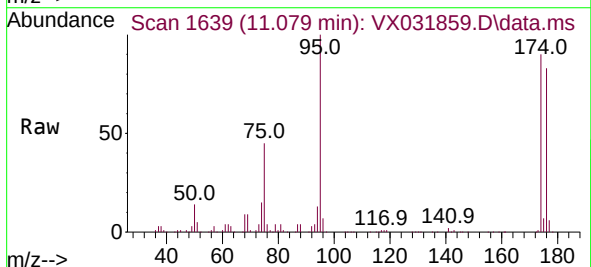
Instrument :
MSVOA_X
ClientSampleId :

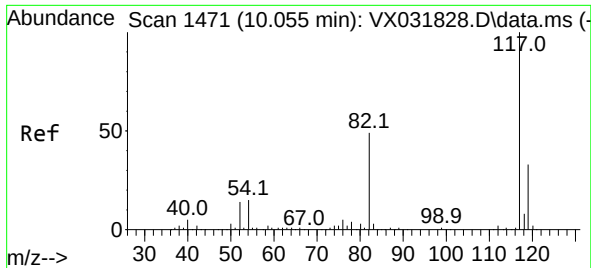
Tgt Ion: 63 Resp: 217
Ion Ratio Lower Upper
63 100
106 0.0 22.6 34.0#



#62
4-Bromofluorobenzene
Concen: 42.225 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 95 Resp: 88009
Ion Ratio Lower Upper
95 100
174 94.1 0.0 153.2
176 89.9 0.0 144.0

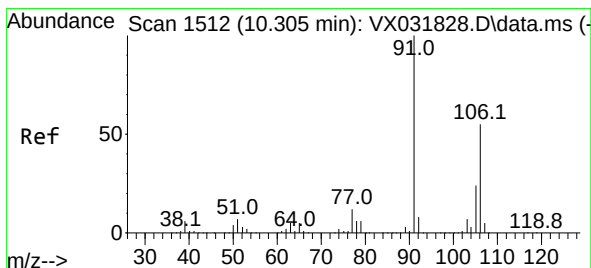
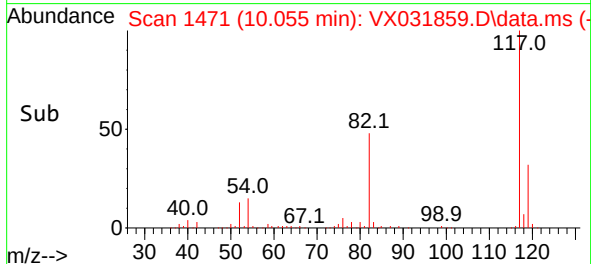
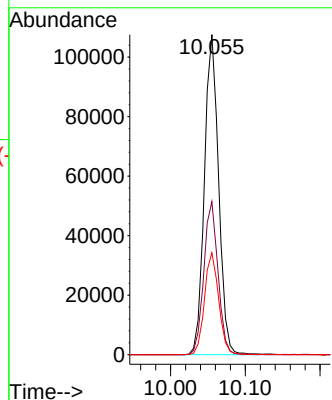
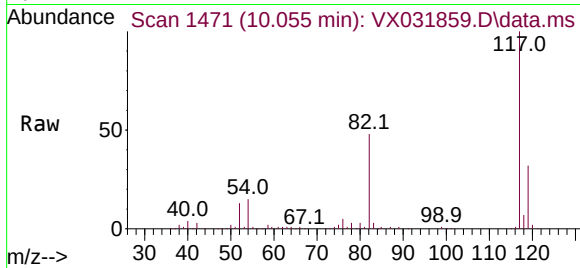




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

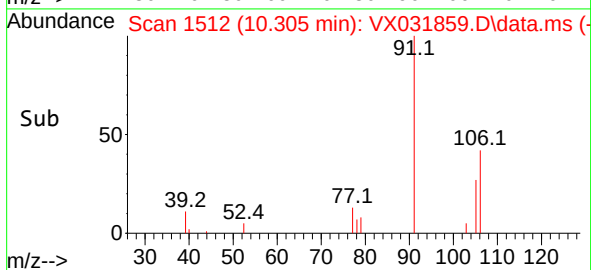
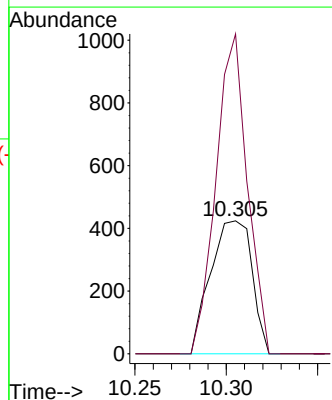
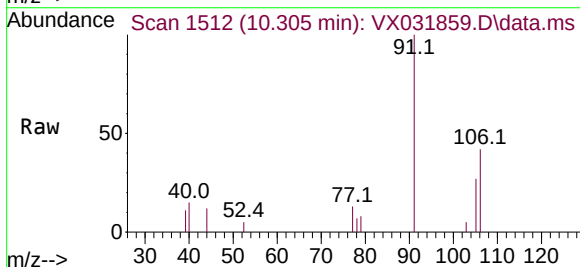
Instrument :
MSVOA_X
ClientSampleId :

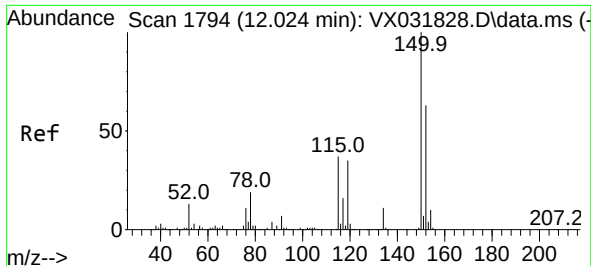
Tgt Ion:117 Resp: 142052
Ion Ratio Lower Upper
117 100
82 47.9 46.8 70.2
119 31.8 26.4 39.6



#68
m/p-Xylenes
Concen: 0.229 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

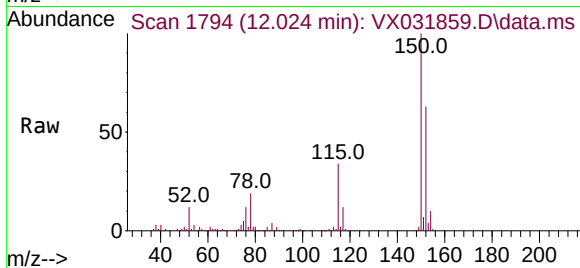
Tgt Ion:106 Resp: 669
Ion Ratio Lower Upper
106 100
91 182.5 161.0 241.4



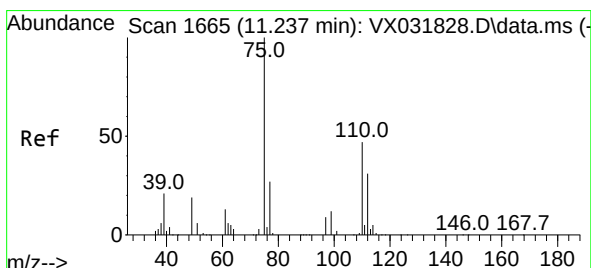
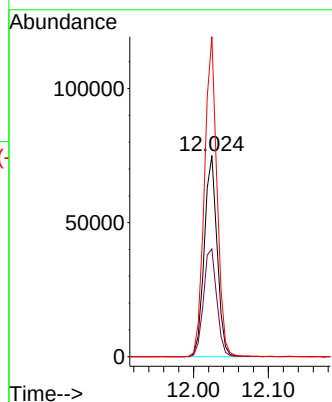
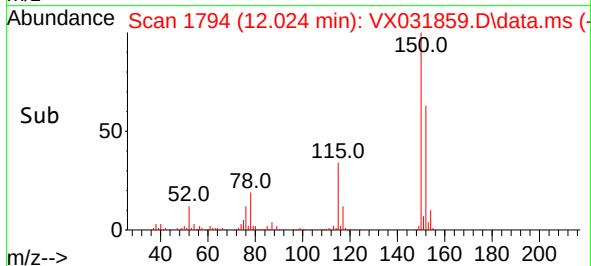


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Instrument :
MSVOA_X
ClientSampleId :

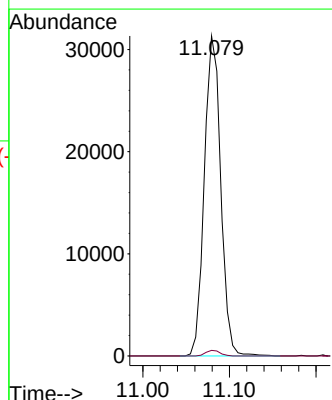
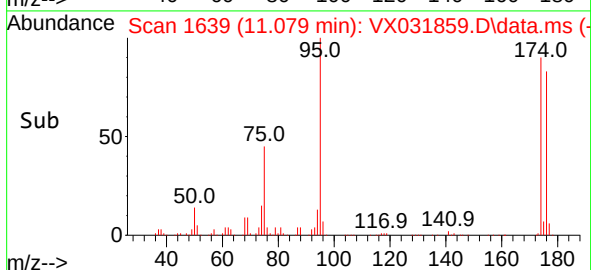
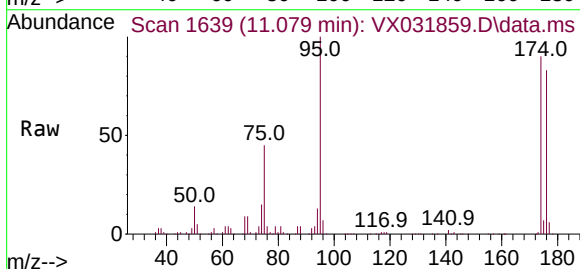


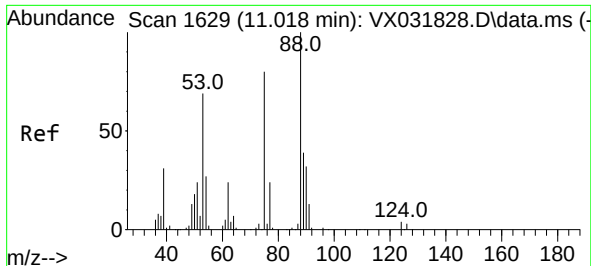
Tgt Ion:152 Resp: 89454
Ion Ratio Lower Upper
152 100
115 55.6 43.4 130.1
150 155.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 25.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 75 Resp: 41297
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#

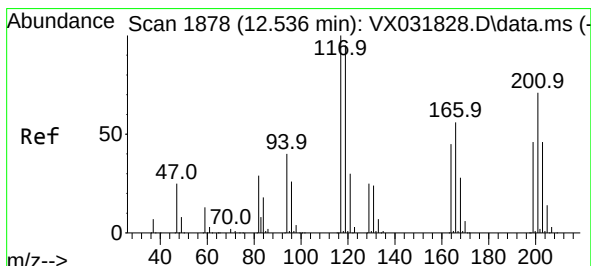
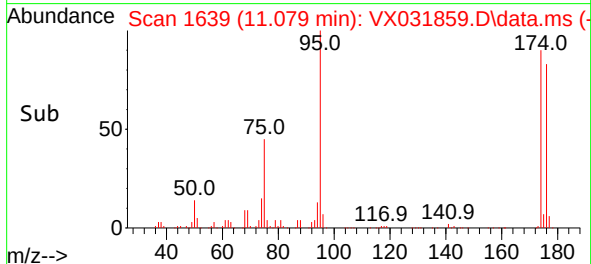
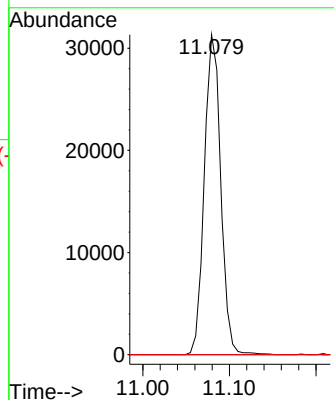
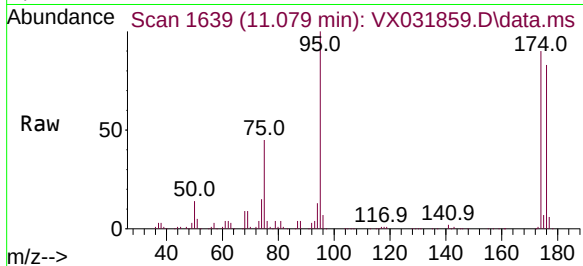




#81
trans-1,4-Dichloro-2-butene
Concen: 87.106 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

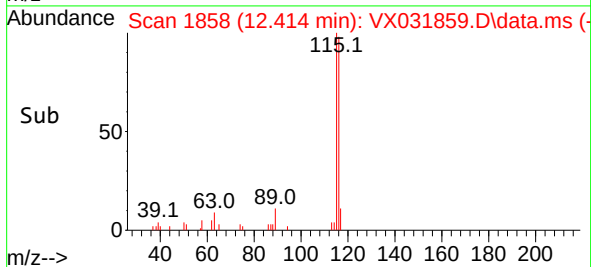
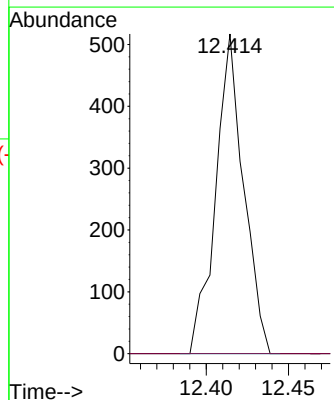
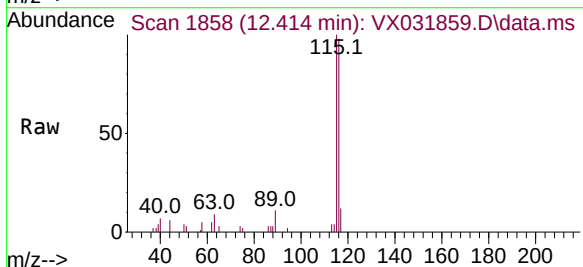
Instrument :
MSVOA_X
ClientSampleId :

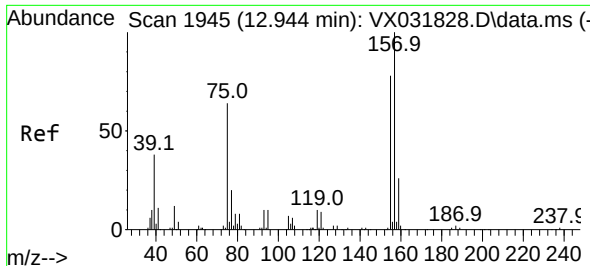
Tgt Ion: 75 Resp: 41297
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#90
Hexachloroethane
Concen: 0.605 ug/l
RT: 12.414 min Scan# 1858
Delta R.T. -0.128 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion: 117 Resp: 612
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#

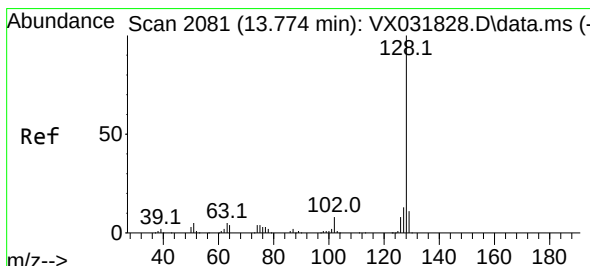
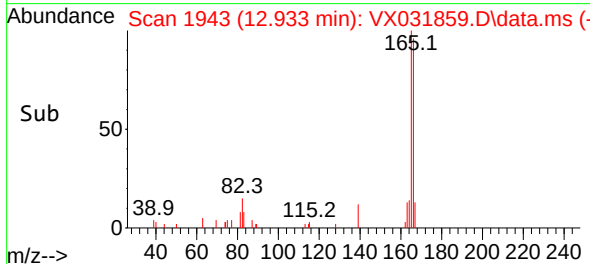
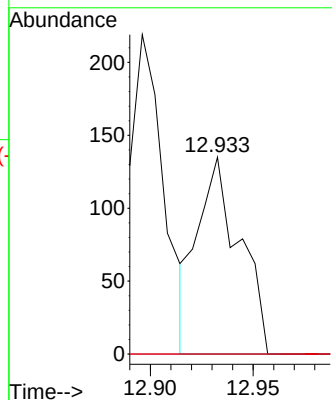
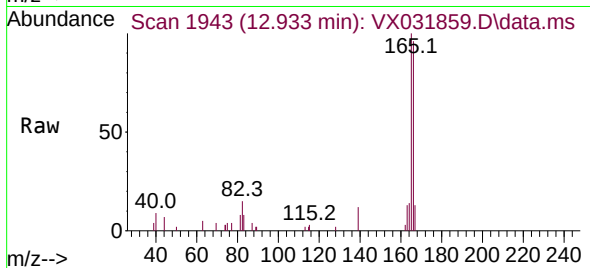




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.505 ug/l
RT: 12.933 min Scan# 1943
Delta R.T. -0.012 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 191
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 51.5 154.5#



#95
Naphthalene
Concen: 13.132 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031859.D
Acq: 04 Oct 2022 01:12

Tgt Ion:128 Resp: 78839
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.2 8.8 13.2

