

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030876.D
 Acq On : 27 Aug 2022 17:27
 Operator : JC/MD
 Sample : N4383-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252672-2

Quant Time: Aug 29 01:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

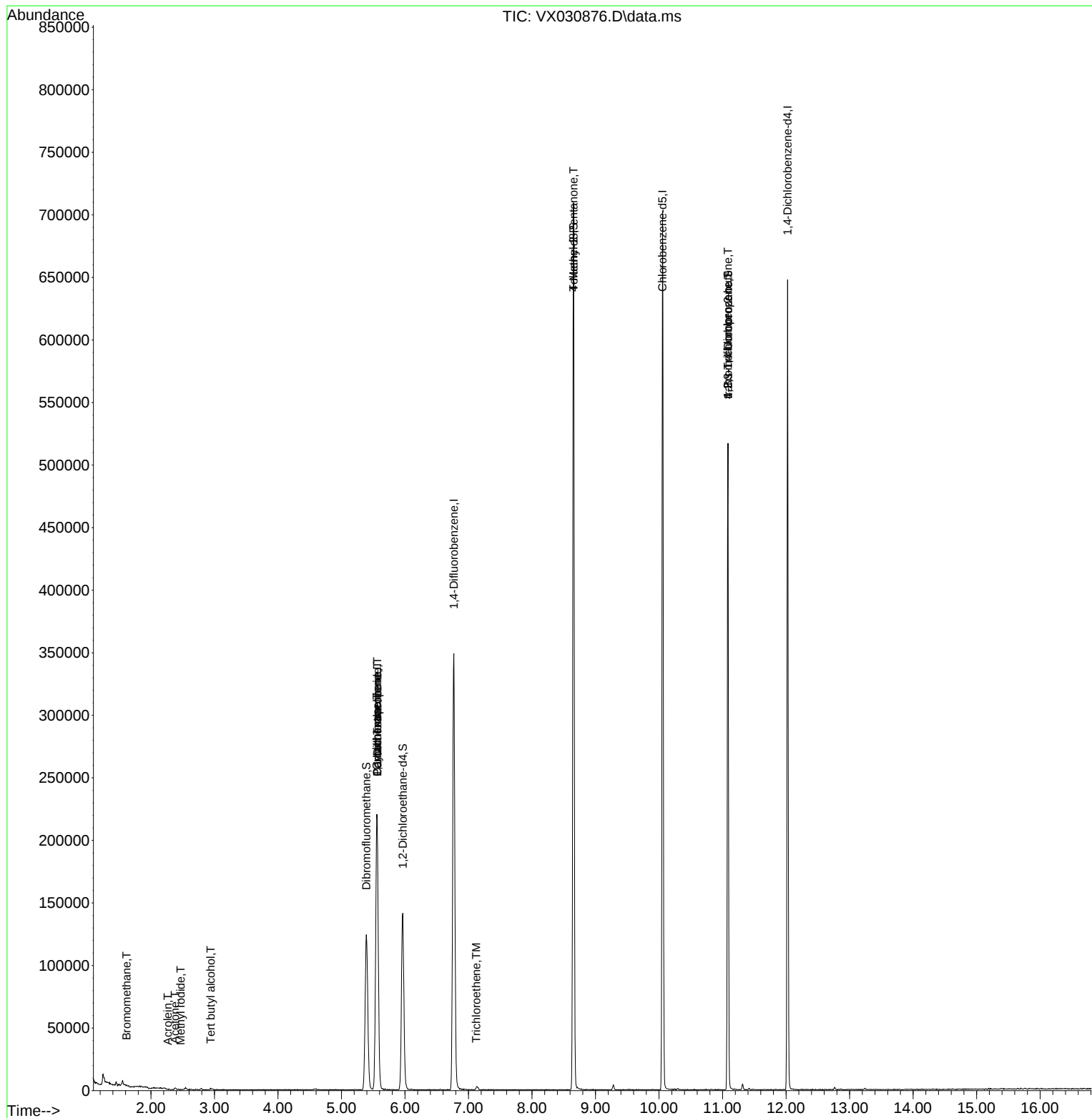
Internal Standards						
1) Pentafluorobenzene	5.562	168	202819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137863	57.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.580%	
35) Dibromofluoromethane	5.391	113	109803	50.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.653	98	416807	55.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.620%	
62) 4-Bromofluorobenzene	11.085	95	133064	47.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	387	Below Cal	#	42
5) Bromomethane	1.617	94	308	0.326	ug/l	99
6) Chloroethane	1.709	64	130	Below Cal	#	41
10) Methyl Iodide	2.465	142	62	4.064	ug/l	# 45
11) Tert butyl alcohol	2.940	59	416	0.803	ug/l	# 74
13) Acrolein	2.264	56	23	10.100	ug/l	# 14
16) Acetone	2.380	43	1580	1.433	ug/l	99
17) Carbon Disulfide	2.520	76	384	Below Cal	#	74
20) Methylene Chloride	2.794	84	375	Below Cal	#	40
31) Cyclohexane	5.556	56	4458	1.461	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	17037	5.786	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	20915	6.733	ug/l	# 17
44) Trichloroethene	7.123	130	1184	0.465	ug/l	75
51) 4-Methyl-2-Pentanone	8.653	43	1902	0.537	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	69080	25.452	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	69080	82.121	ug/l	# 13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
Data File : VX030876.D
Acq On : 27 Aug 2022 17:27
Operator : JC/MD
Sample : N4383-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
252672-2

Quant Time: Aug 29 01:10:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

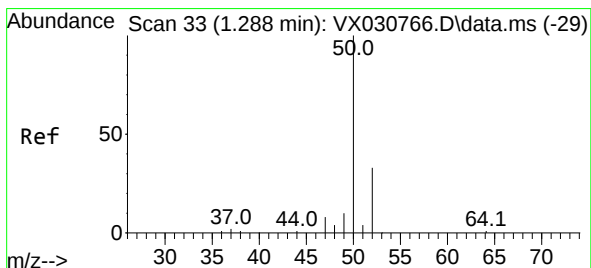
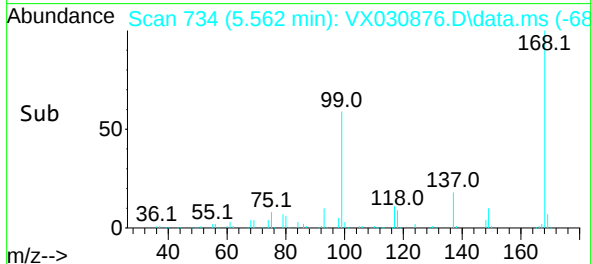
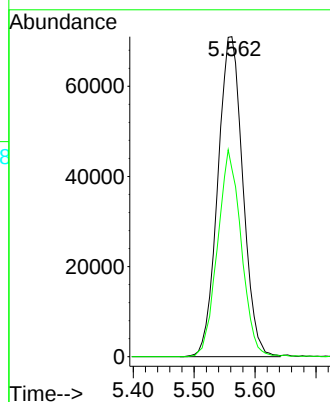
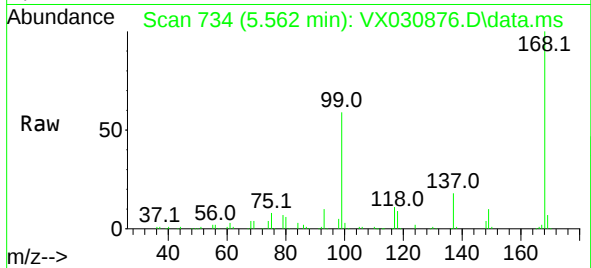




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

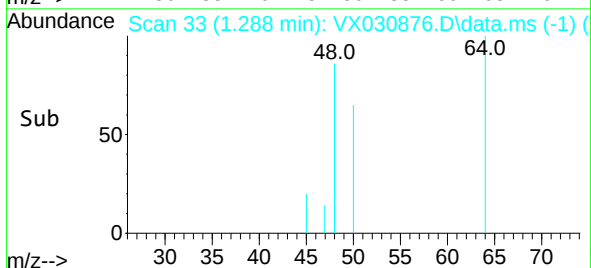
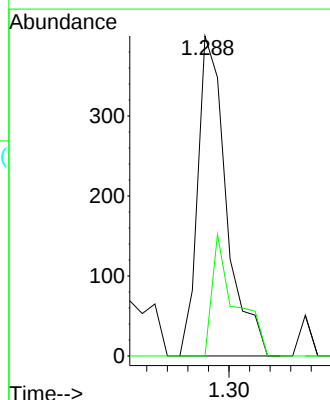
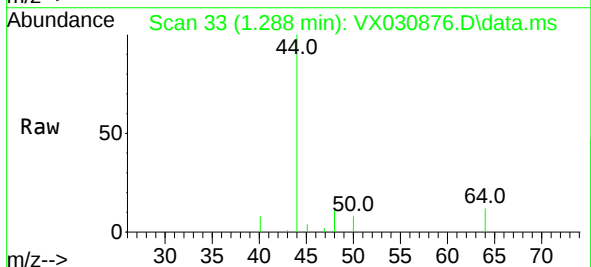
Instrument :
MSVOA_X
ClientSampleId :
252672-2

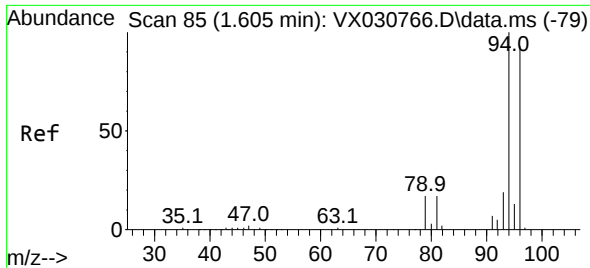
Tgt Ion:168 Resp: 202819
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 50 Resp: 387
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

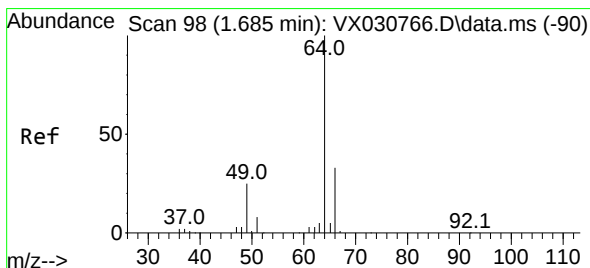
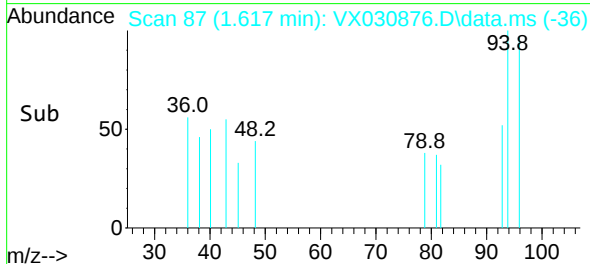
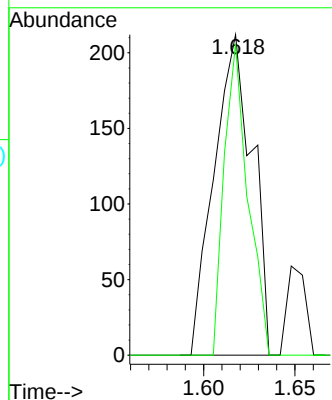
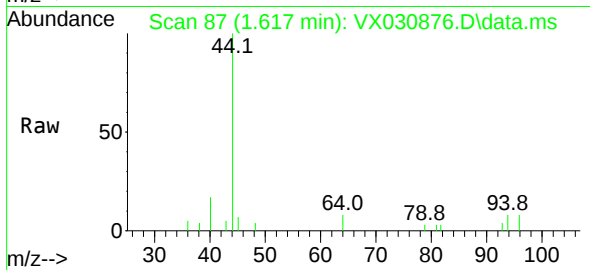




#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

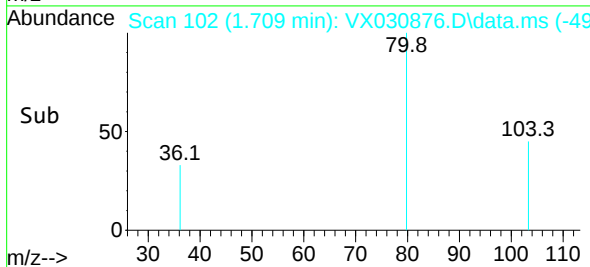
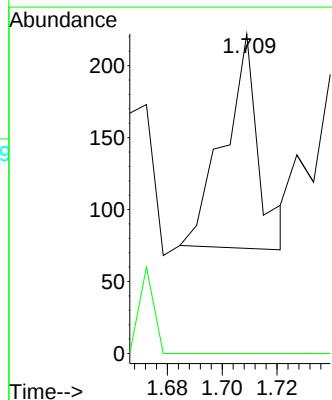
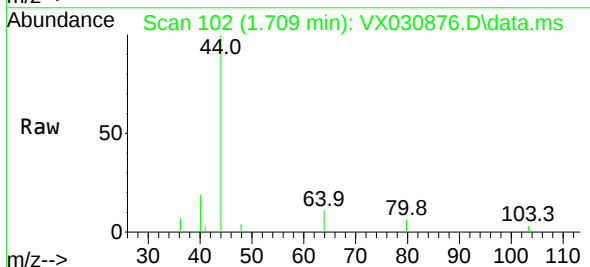
Instrument :
MSVOA_X
ClientSampleId :
252672-2

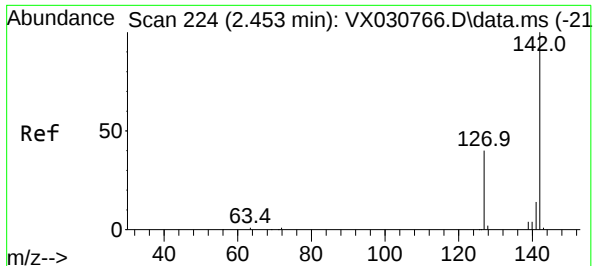
Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 97.2 76.9 115.3



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

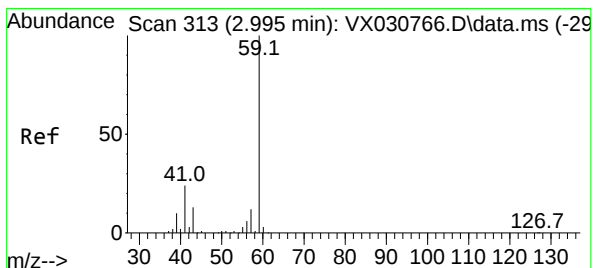
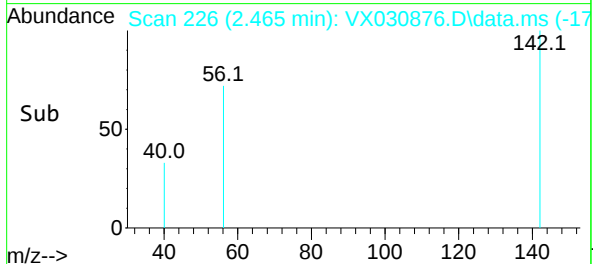
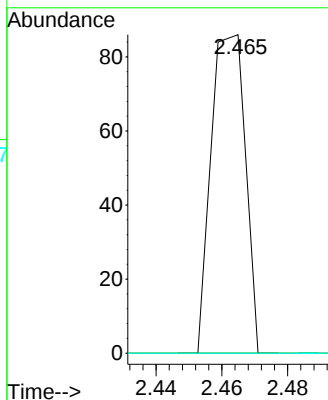
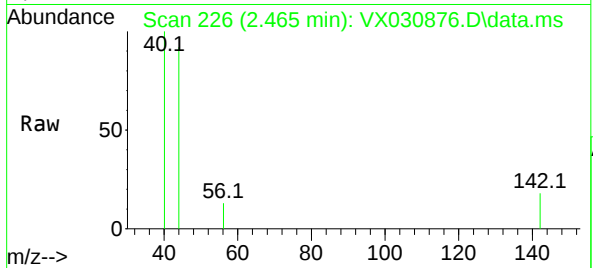




#10
Methyl Iodide
Concen: 4.064 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

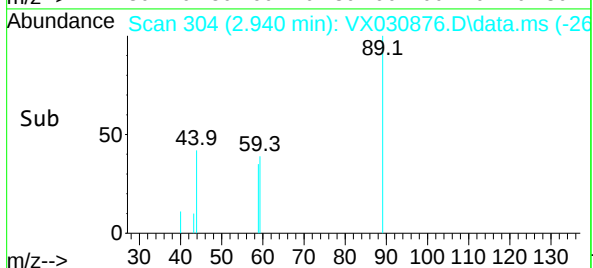
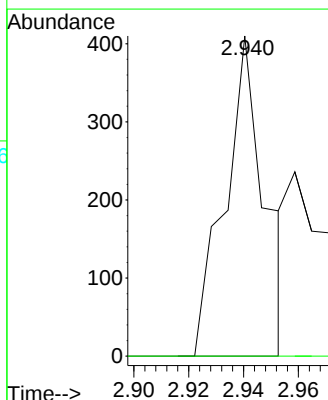
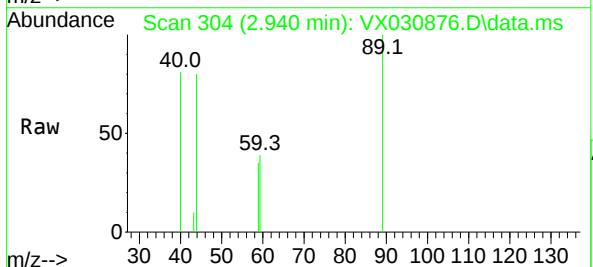
Instrument :
MSVOA_X
ClientSampleId :
252672-2

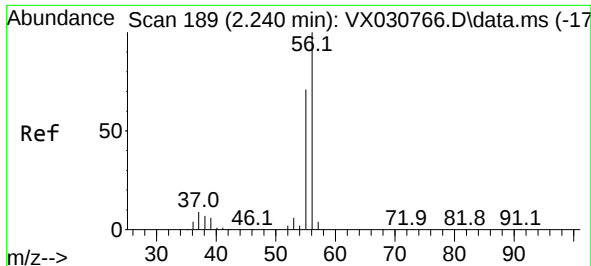
Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.803 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

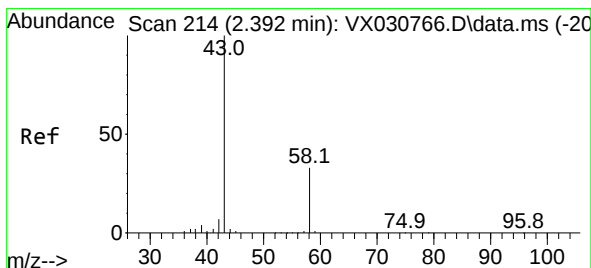
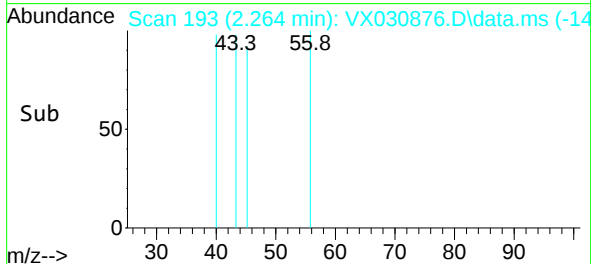
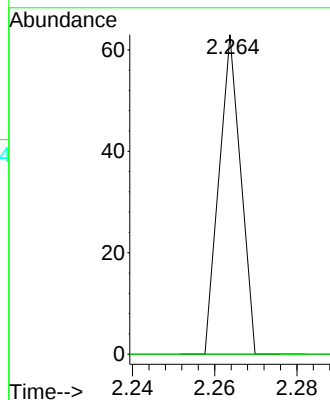
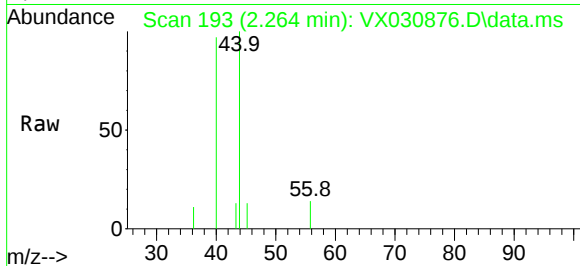




#13
Acrolein
Concen: 10.100 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

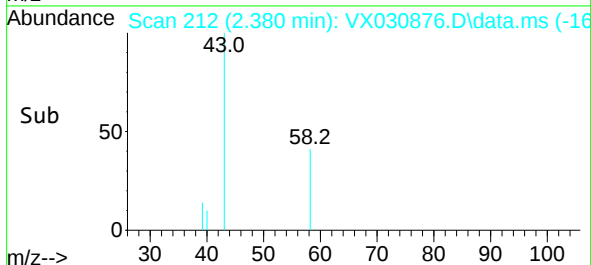
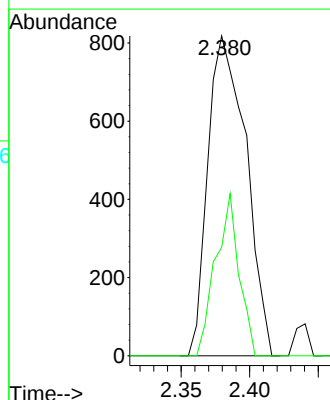
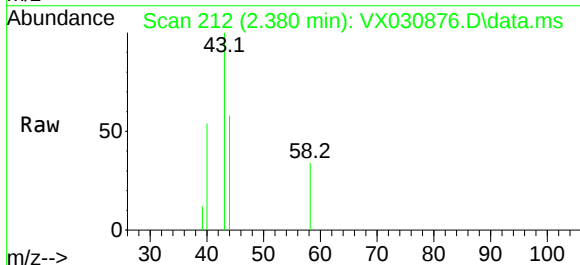
Instrument :
MSVOA_X
ClientSampleId :
252672-2

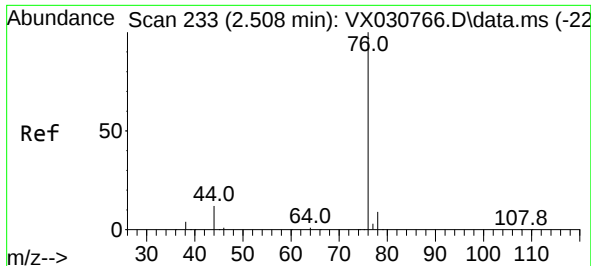
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.433 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5

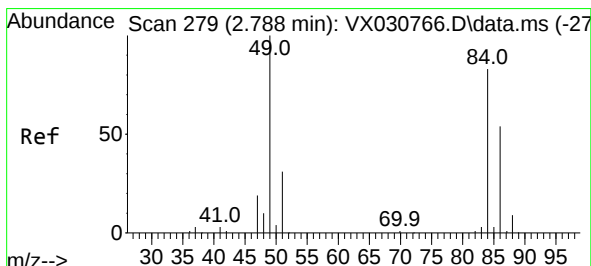
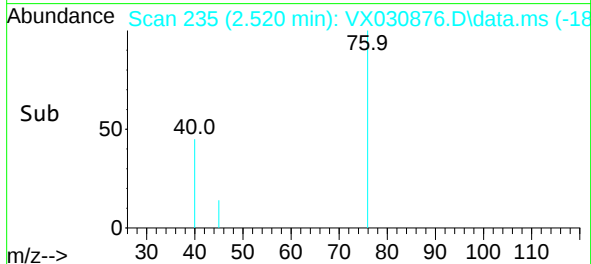
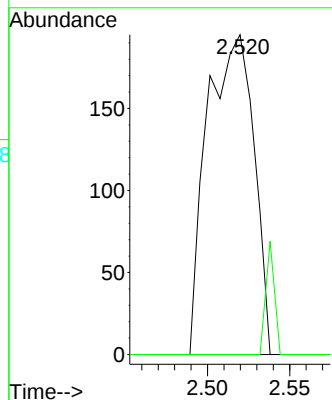
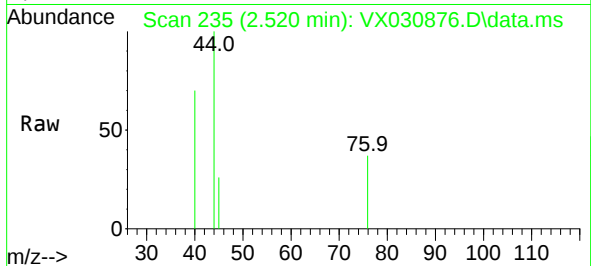




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

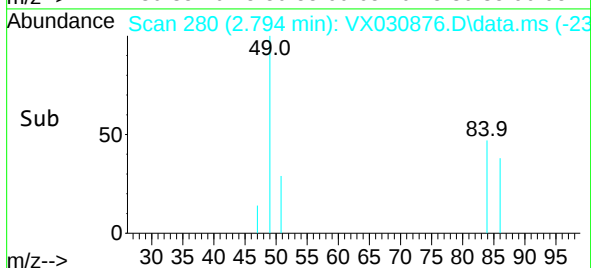
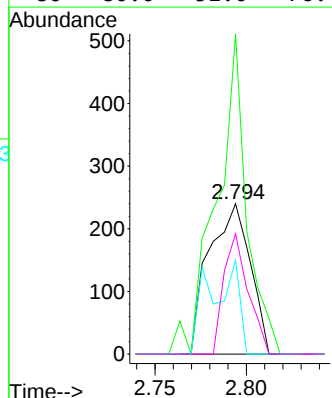
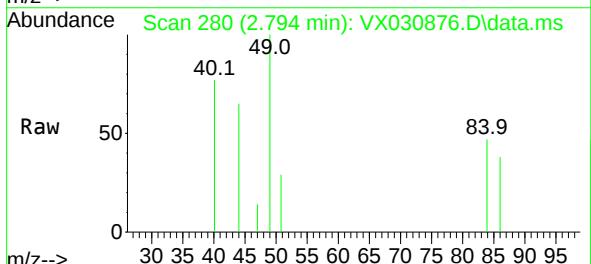
Instrument :
MSVOA_X
ClientSampleId :
252672-2

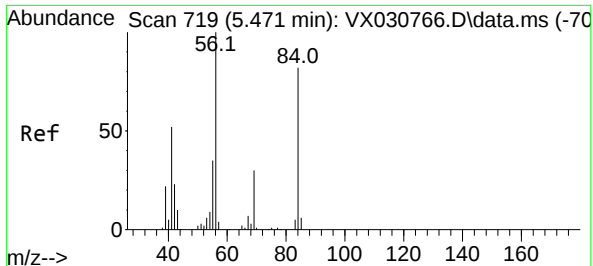
Tgt Ion: 76 Resp: 384
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 84 Resp: 375
Ion Ratio Lower Upper
84 100
49 212.9 93.8 140.6#
51 62.5 29.4 44.0#
86 80.0 51.0 76.4#

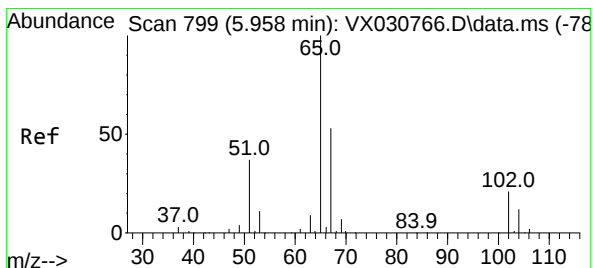
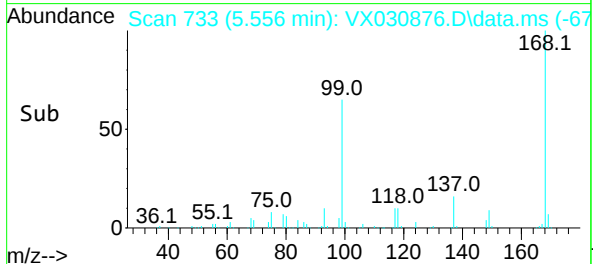
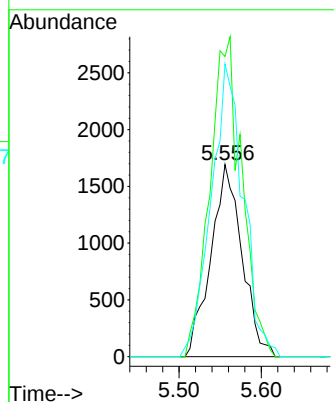
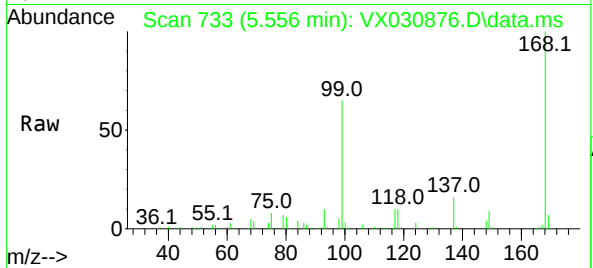




#31
Cyclohexane
Concen: 1.461 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

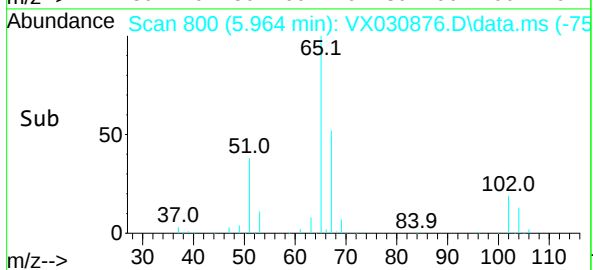
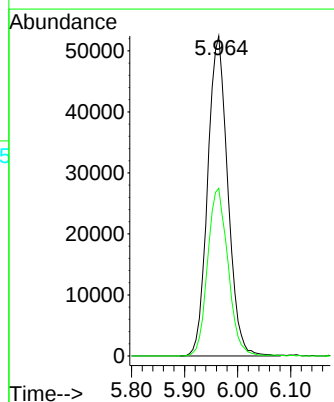
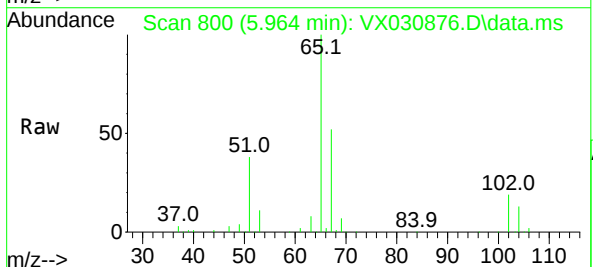
Instrument :
MSVOA_X
ClientSampleId :
252672-2

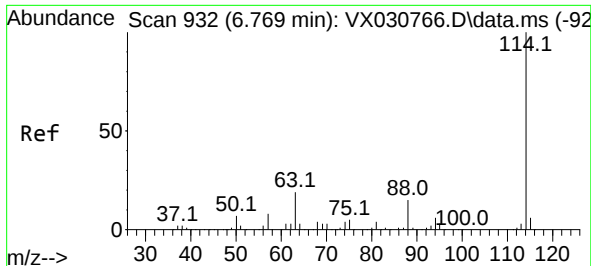
Tgt Ion: 56 Resp: 4458
Ion Ratio Lower Upper
56 100
69 156.3 25.4 38.0#
84 152.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 57.787 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 65 Resp: 137863
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

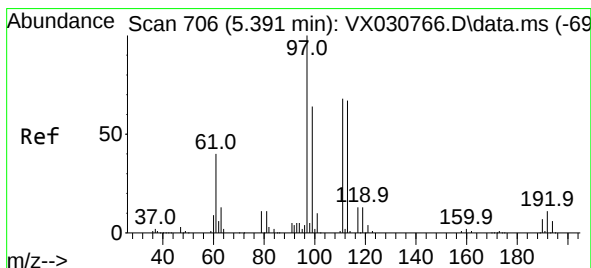
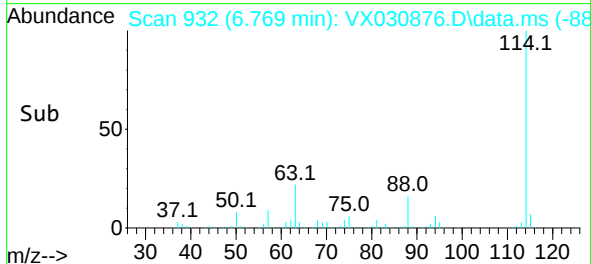
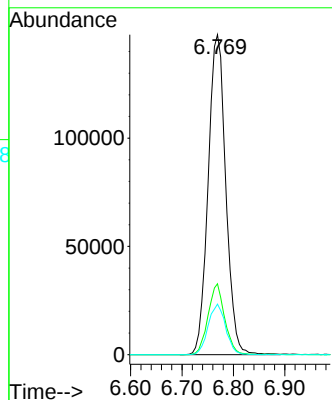
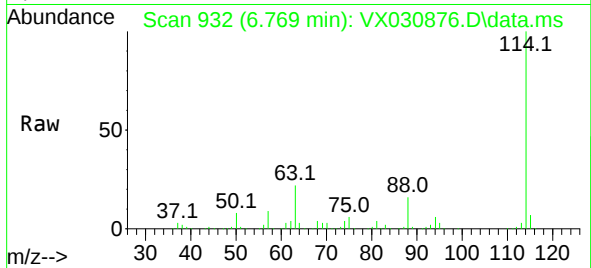




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

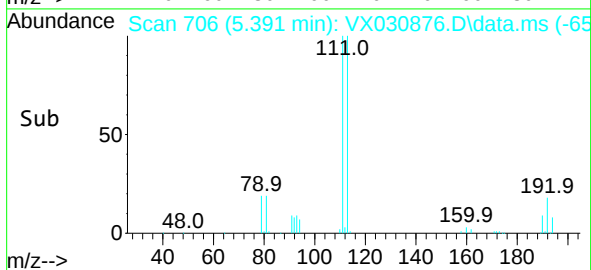
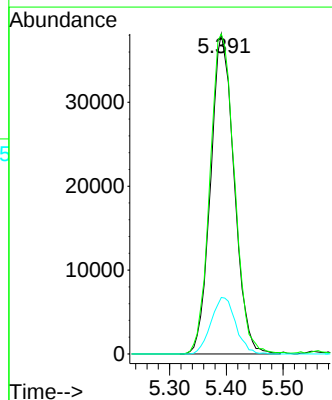
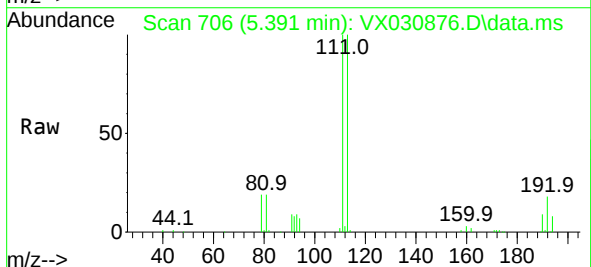
Instrument :
MSVOA_X
ClientSampleId :
252672-2

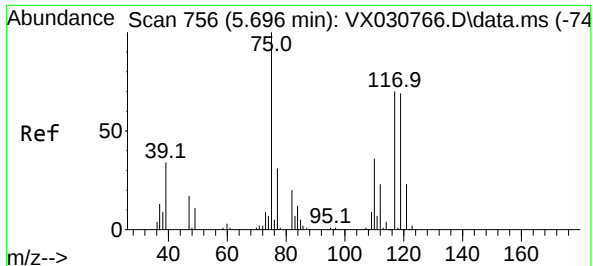
Tgt Ion:114 Resp: 351870
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.775 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion:113 Resp: 109803
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.786 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX030876.D

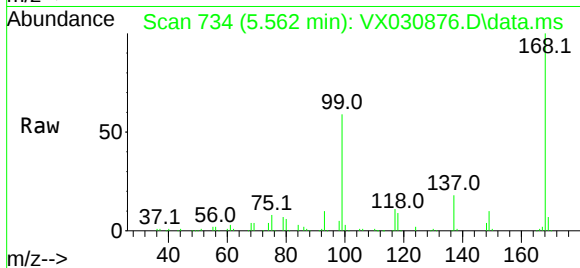
Acq: 27 Aug 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

252672-2



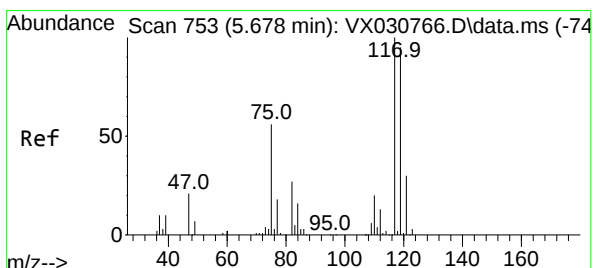
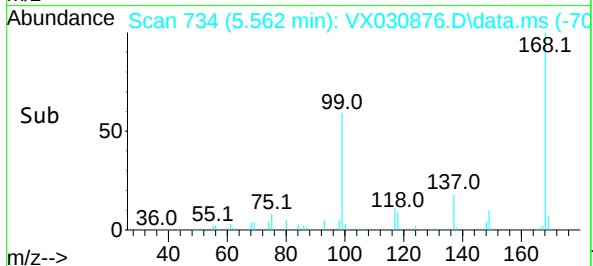
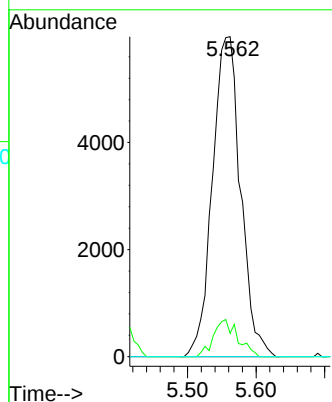
Tgt Ion: 75 Resp: 17037

Ion Ratio Lower Upper

75 100

110 10.0 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.733 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX030876.D

Acq: 27 Aug 2022 17:27

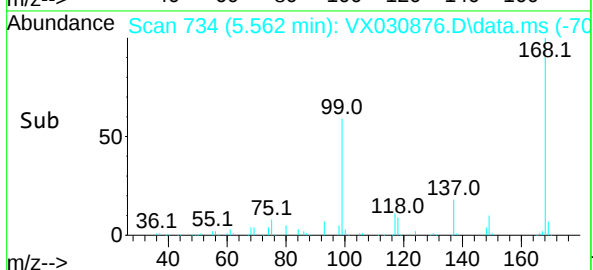
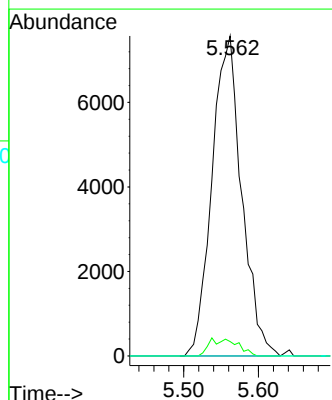
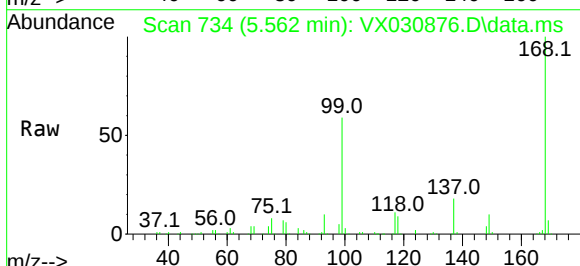
Tgt Ion: 117 Resp: 20915

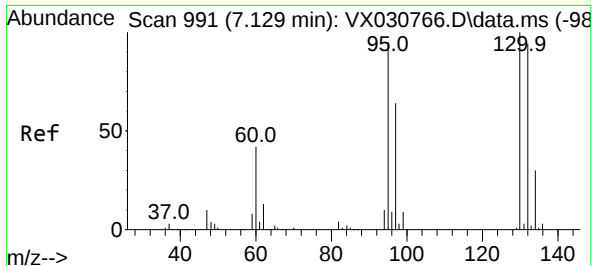
Ion Ratio Lower Upper

117 100

119 4.5 74.1 111.1#

121 0.0 25.8 38.8#

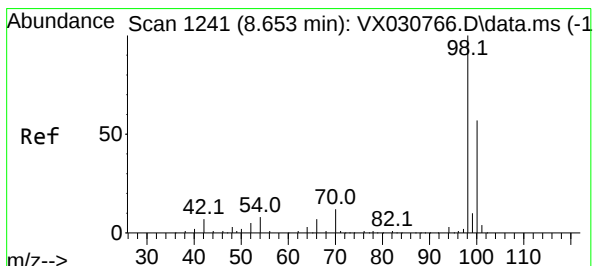
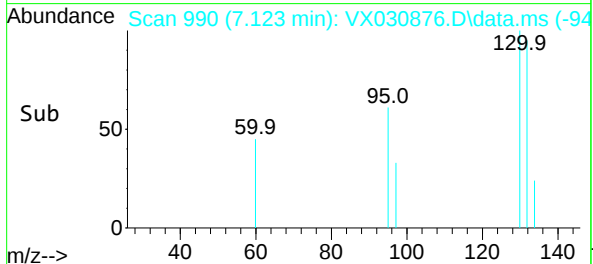
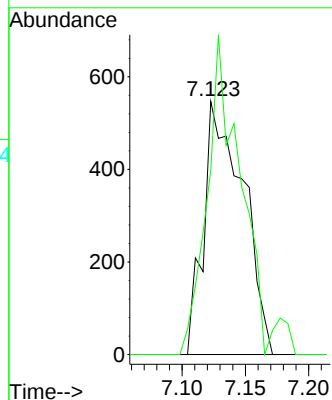
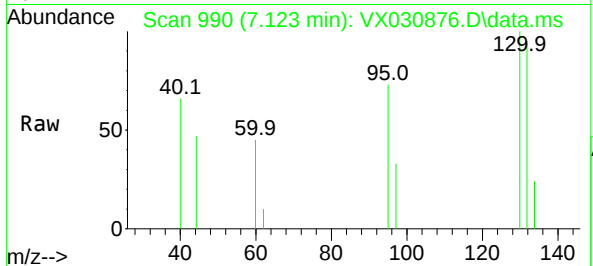




#44
 Trichloroethene
 Concen: 0.465 ug/l
 RT: 7.123 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VX030876.D
 Acq: 27 Aug 2022 17:27

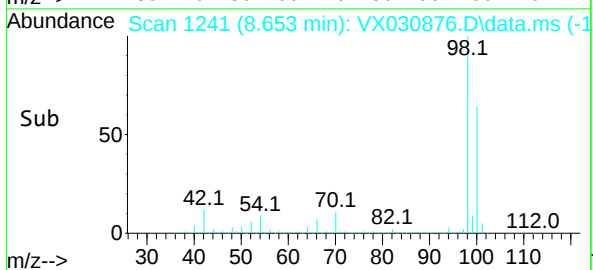
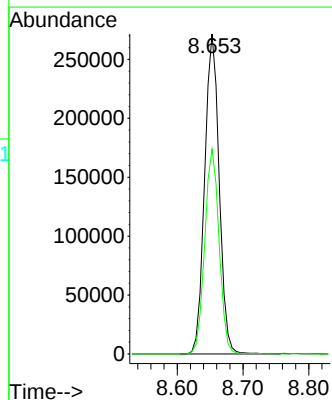
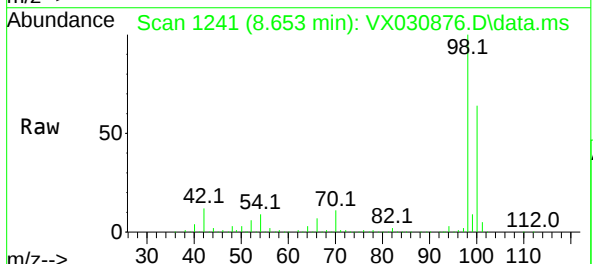
Instrument :
 MSVOA_X
 ClientSampleId :
 252672-2

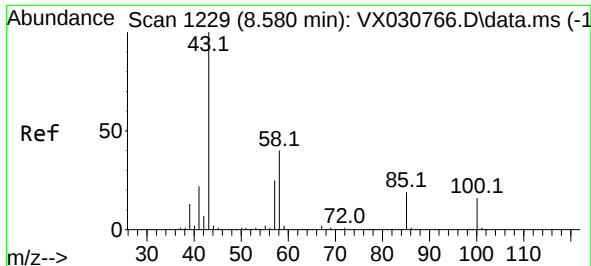
Tgt Ion:130 Resp: 1184
 Ion Ratio Lower Upper
 130 100
 95 72.8 0.0 194.8



#50
 Toluene-d8
 Concen: 55.311 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030876.D
 Acq: 27 Aug 2022 17:27

Tgt Ion: 98 Resp: 416807
 Ion Ratio Lower Upper
 98 100
 100 63.3 52.3 78.5

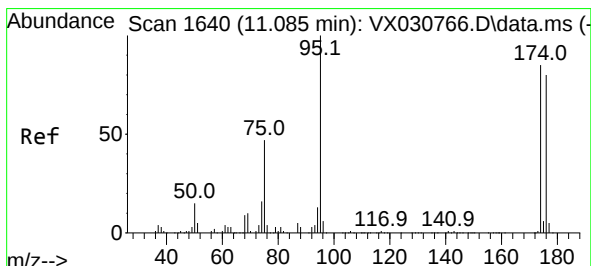
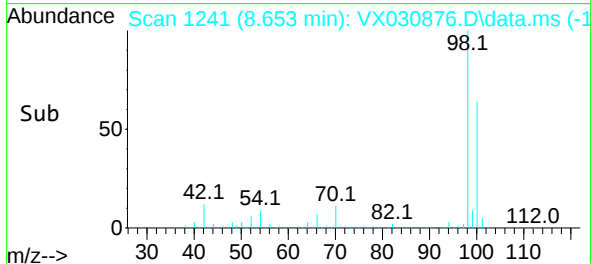
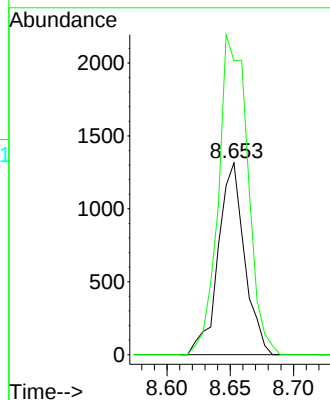
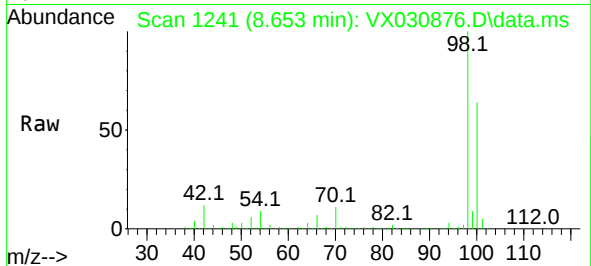




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

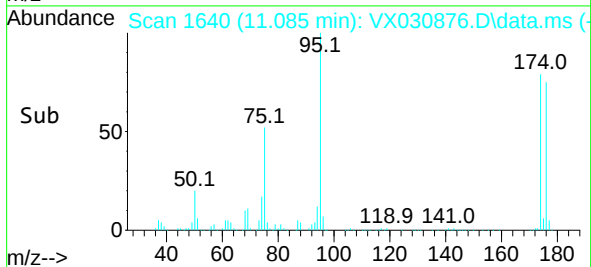
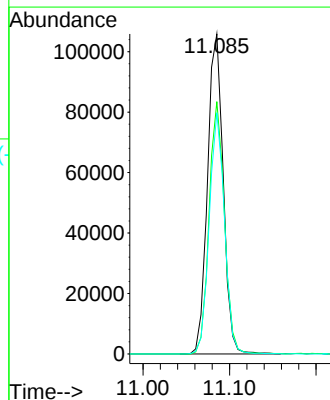
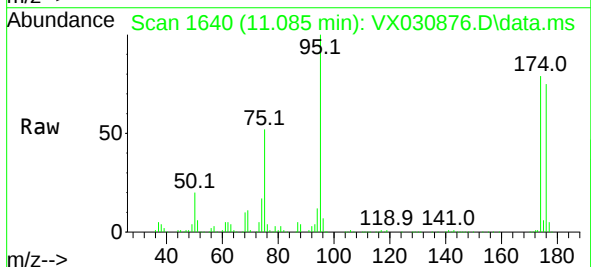
Instrument :
MSVOA_X
ClientSampleId :
252672-2

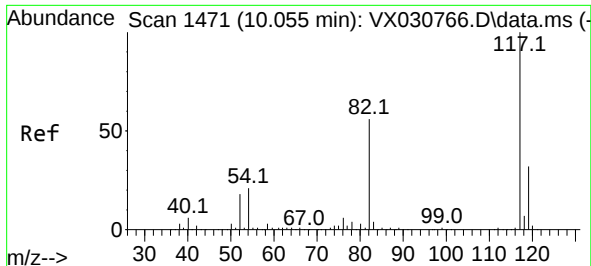
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 186.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 47.429 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 95 Resp: 133064
Ion Ratio Lower Upper
95 100
174 76.9 0.0 149.0
176 73.3 0.0 146.0

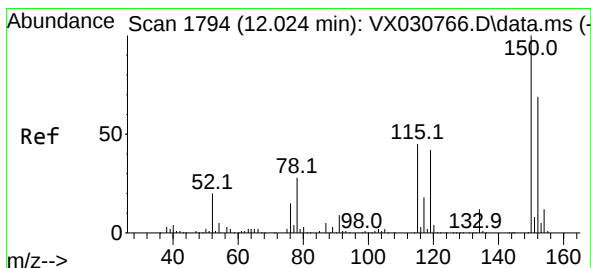
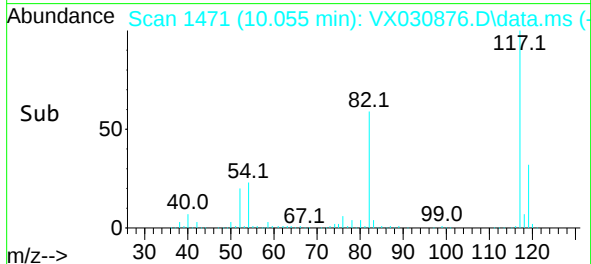
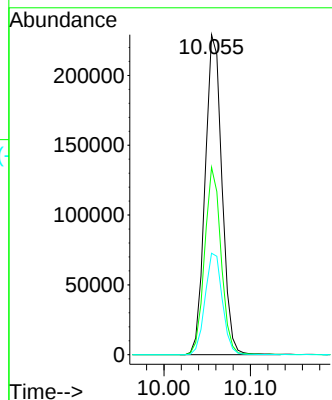
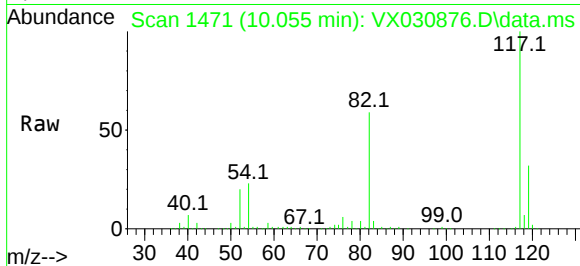




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

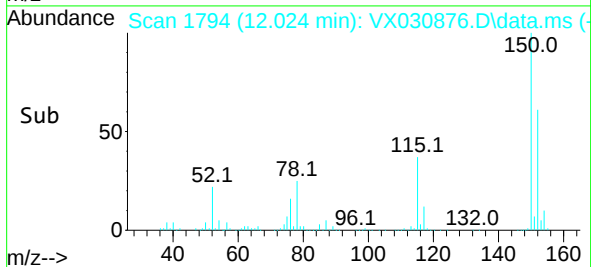
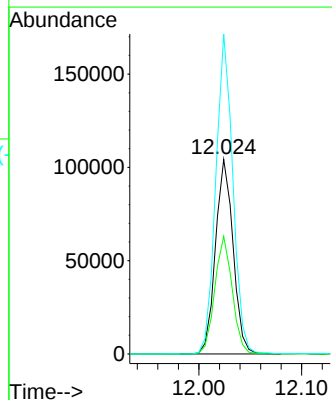
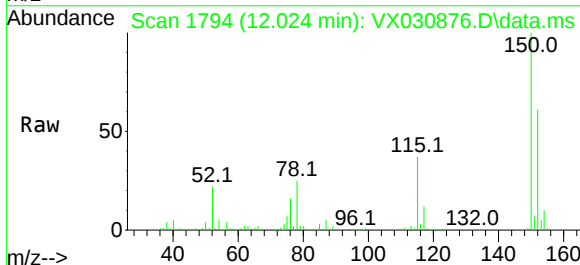
Instrument :
MSVOA_X
ClientSampleId :
252672-2

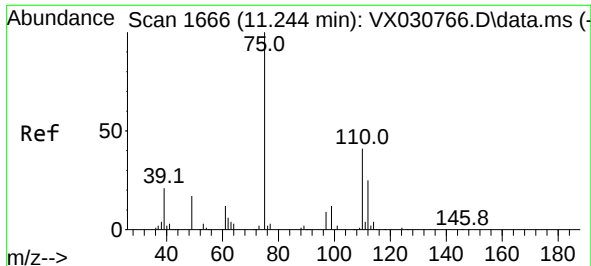
Tgt Ion:117 Resp: 309785
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion:152 Resp: 123881
Ion Ratio Lower Upper
152 100
115 59.8 40.5 121.5
150 159.6 0.0 347.0

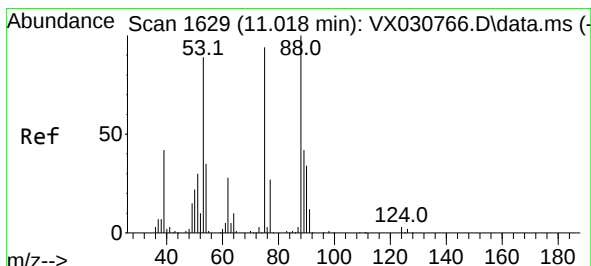
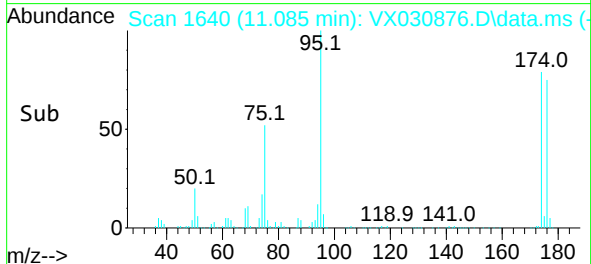
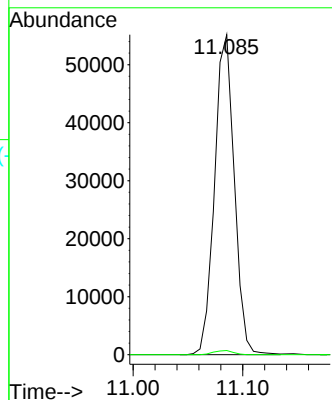
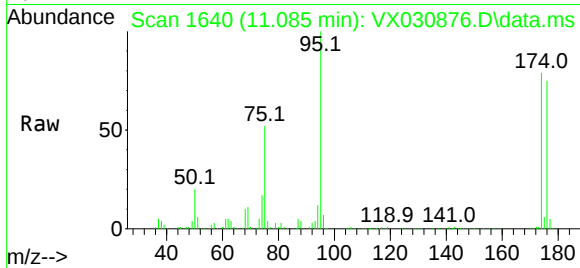




#76
1,2,3-Trichloropropane
Concen: 25.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
252672-2

Tgt Ion: 75 Resp: 69080
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.121 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030876.D
Acq: 27 Aug 2022 17:27

Tgt Ion: 75 Resp: 69080
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

