

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028482.D
 Acq On : 02 May 2022 18:45
 Operator : JC/MD
 Sample : N2658-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40818

Quant Time: May 03 04:53:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

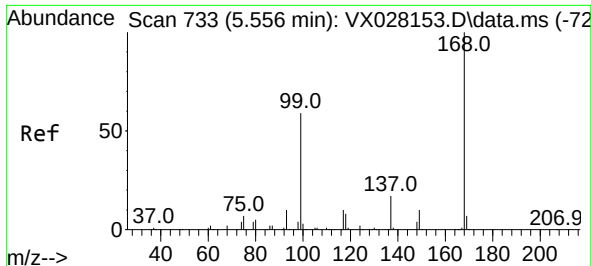
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	360252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	631812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	618642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	305347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	261298	55.628	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.260%
35) Dibromofluoromethane	5.391	113	236371	53.347	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.700%
50) Toluene-d8	8.653	98	877504	51.563	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.120%
62) 4-Bromofluorobenzene	11.085	95	324240	49.830	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.660%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	501	Below Cal		93
5) Bromomethane	1.617	94	1099	Below Cal	#	80
6) Chloroethane	1.654	64	156	Below Cal		91
10) Methyl Iodide	2.465	142	378	5.319 ug/l	#	84
11) Tert butyl alcohol	2.946	59	1538	Below Cal	#	72
16) Acetone	2.379	43	33750	22.252 ug/l		95
18) Methyl Acetate	2.708	43	1087	0.260 ug/l		90
20) Methylene Chloride	2.788	84	1854	0.532 ug/l		90
25) 2-Butanone	4.568	43	4386	1.577 ug/l	#	85
31) Cyclohexane	5.556	56	6884	1.203 ug/l	#	10
36) 1,1-Dichloropropene	5.556	75	26636	4.609 ug/l	#	49
38) Carbon Tetrachloride	5.556	117	36363	5.573 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.579	43	2775	0.453 ug/l		98
76) 1,2,3-Trichloropropane	11.079	75	162241	26.998 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	162241	80.230 ug/l	#	15
84) 1,2,4-Trimethylbenzene	11.756	105	3858	0.218 ug/l		94
86) p-Isopropyltoluene	12.012	119	23718	1.253 ug/l	#	55
90) Hexachloroethane	12.536	117	702	2.012 ug/l	#	10

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

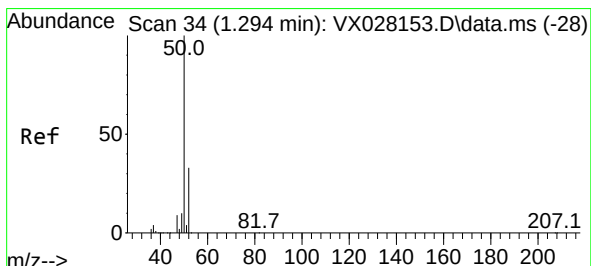
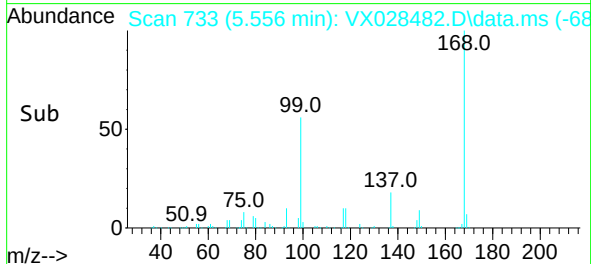
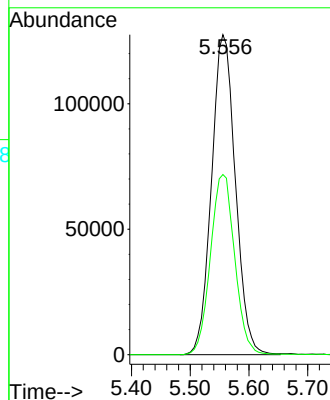
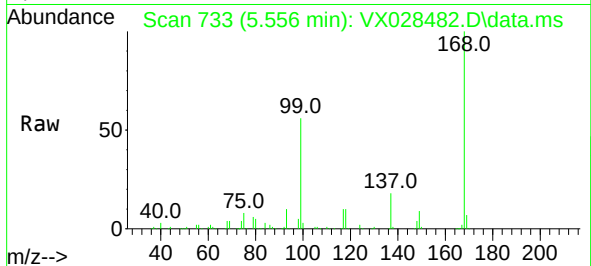




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

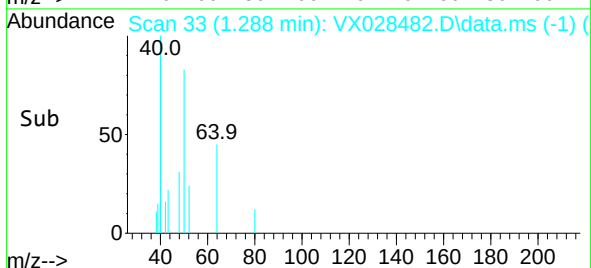
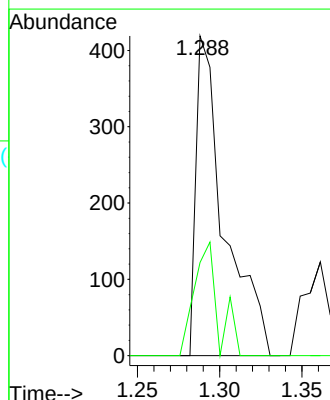
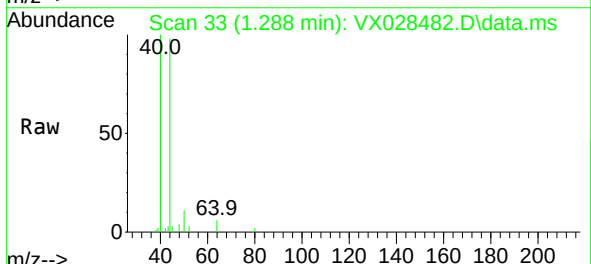
Instrument :
MSVOA_X
ClientSampleId :
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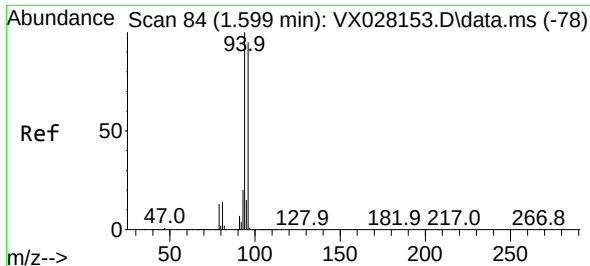
Tgt Ion:168 Resp: 360252
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 29.1 26.4 39.6

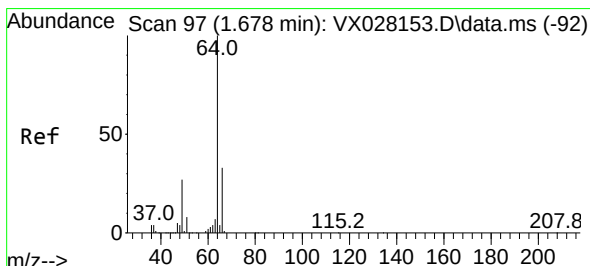
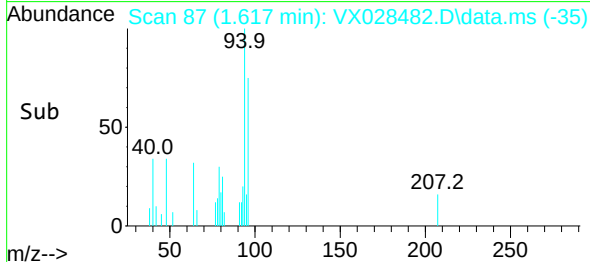
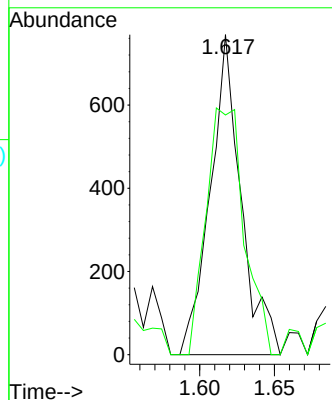
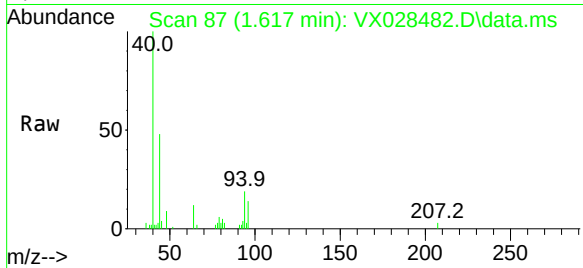




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

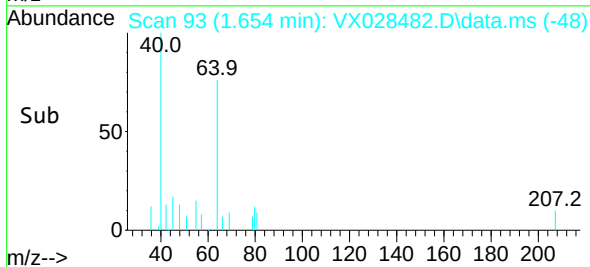
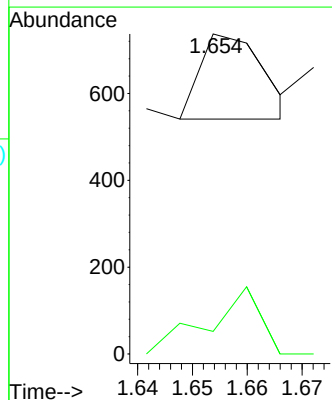
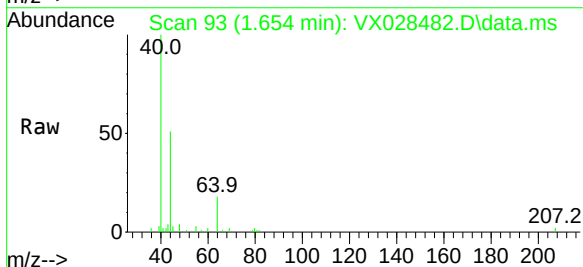
Instrument :
MSVOA_X
ClientSampleId :
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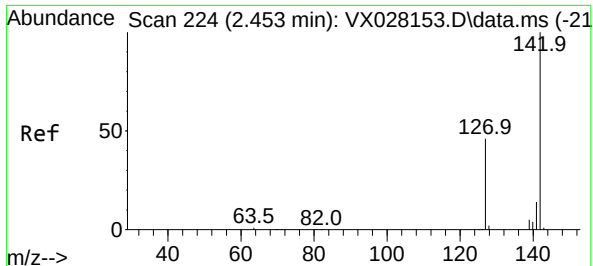
Tgt Ion: 94 Resp: 1099
Ion Ratio Lower Upper
94 100
96 74.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 26.5 25.3 37.9

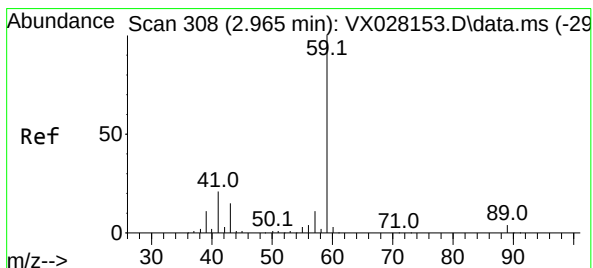
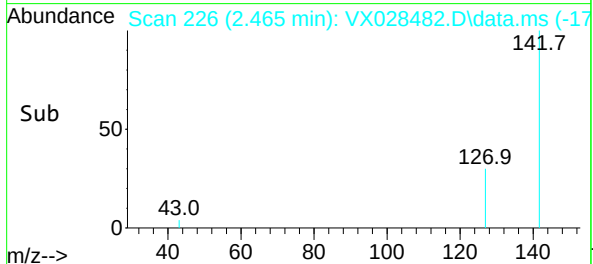
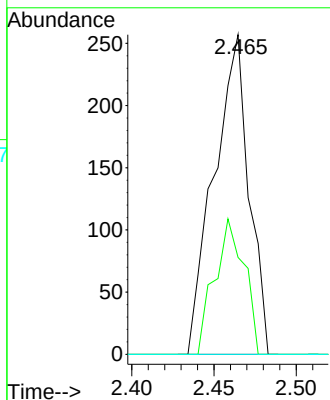
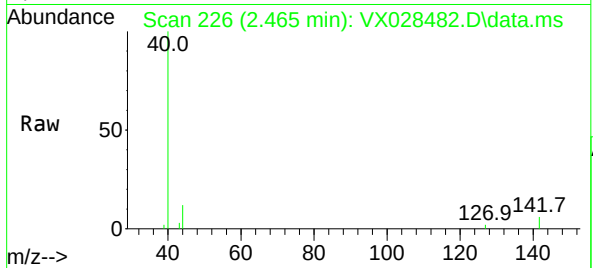




#10
Methyl Iodide
Concen: 5.319 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

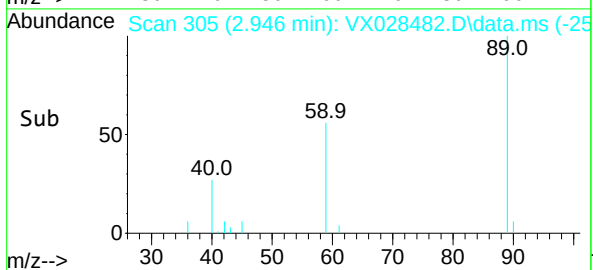
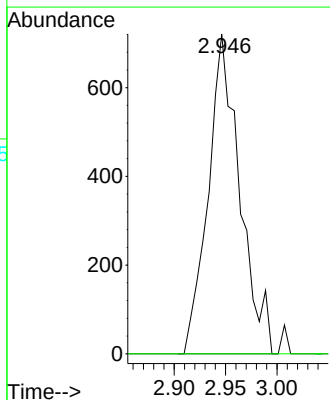
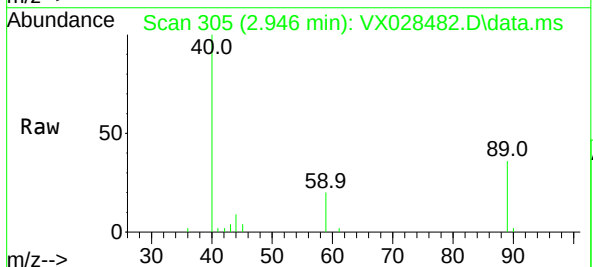
Instrument :
MSVOA_X
ClientSampleId :
40818

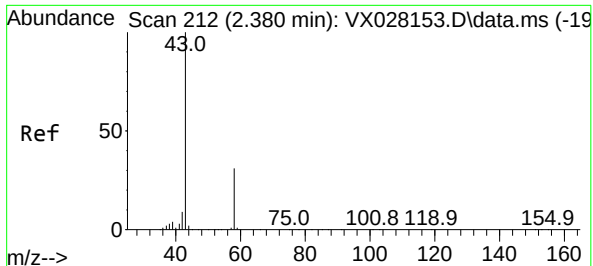
Tgt Ion:142 Resp: 378
Ion Ratio Lower Upper
142 100
127 36.0 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 59 Resp: 1538
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

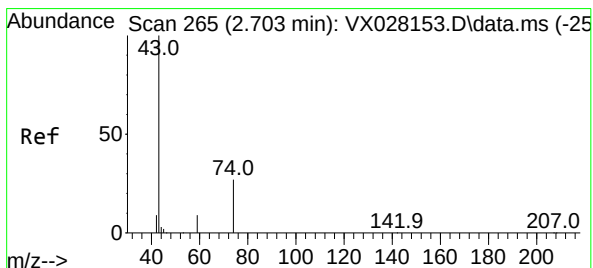
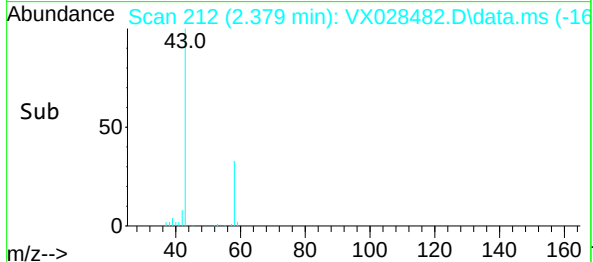
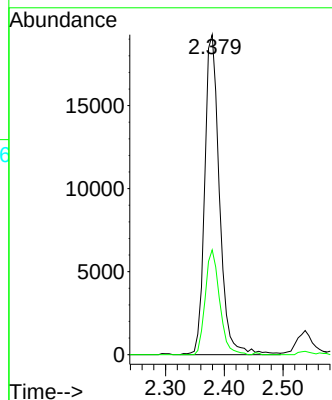
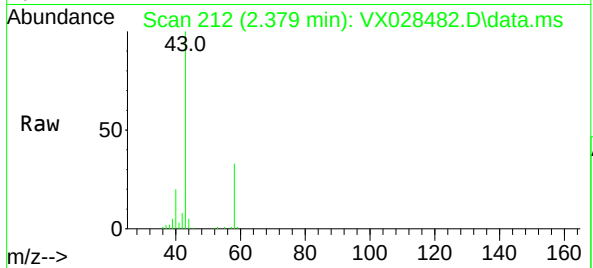




#16
Acetone
Concen: 22.252 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

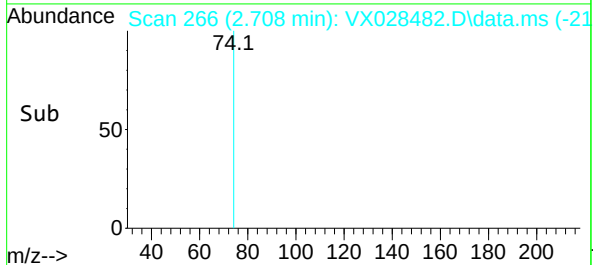
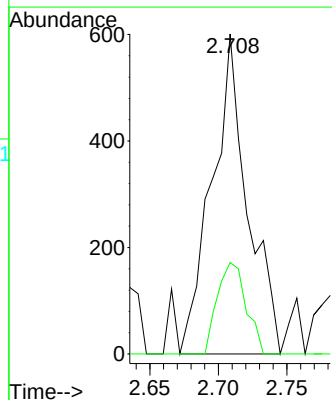
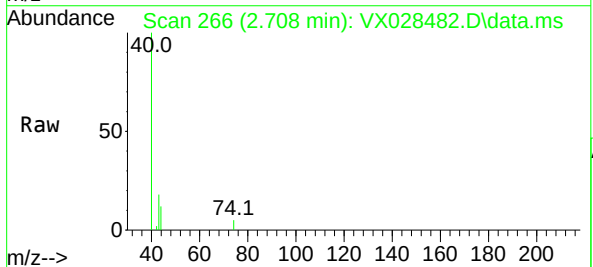
Instrument :
MSVOA_X
ClientSampleId :
40818

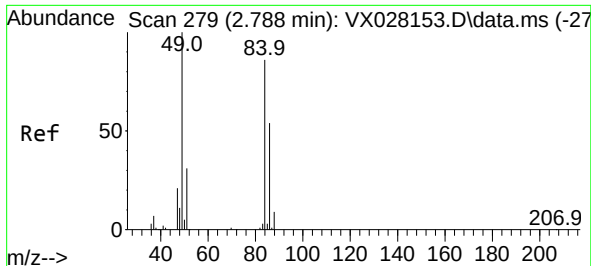
Tgt Ion: 43 Resp: 33750
Ion Ratio Lower Upper
43 100
58 32.8 28.8 43.2



#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.005 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

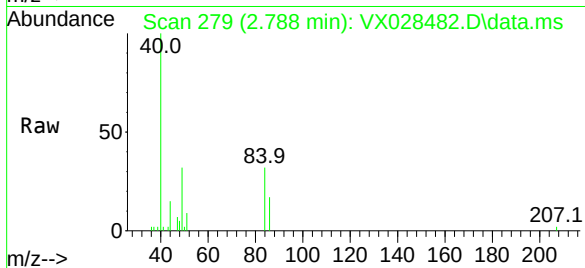
Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
74 23.0 22.8 34.2



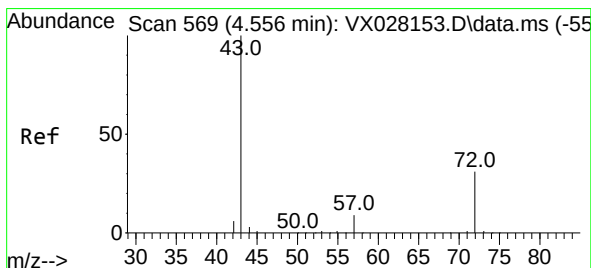
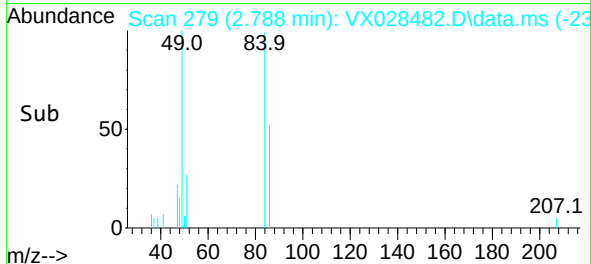
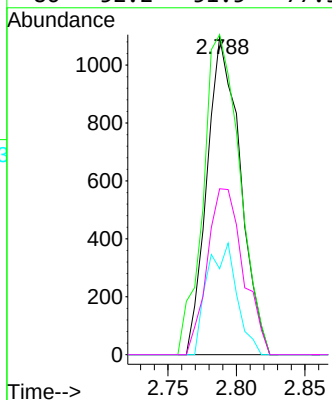


#20
Methylene Chloride
Concen: 0.532 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :
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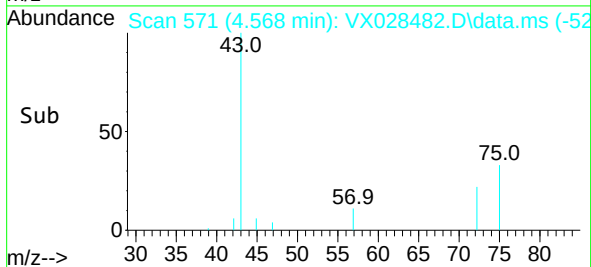
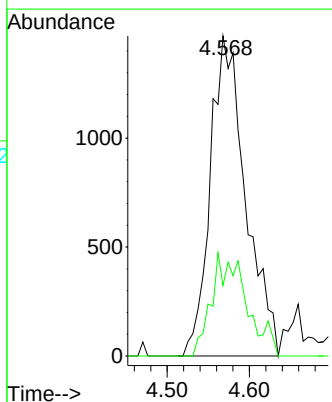
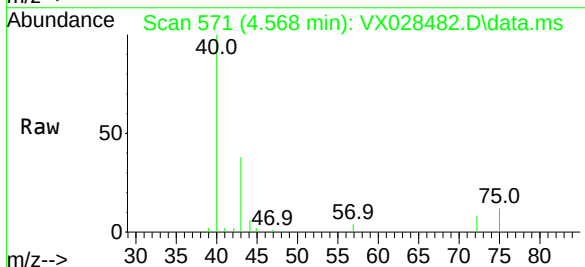


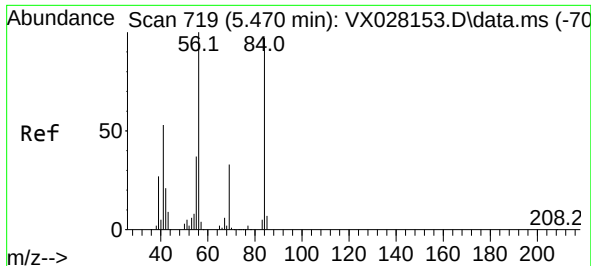
Tgt Ion:	84	Resp:	1854
Ion	Ratio	Lower	Upper
84	100		
49	100.6	85.5	128.3
51	27.0	26.6	39.8
86	52.2	51.5	77.3



#25
2-Butanone
Concen: 1.577 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion:	43	Resp:	4386
Ion	Ratio	Lower	Upper
43	100		
72	22.1	24.4	36.6

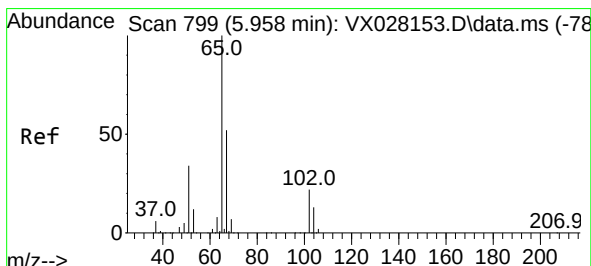
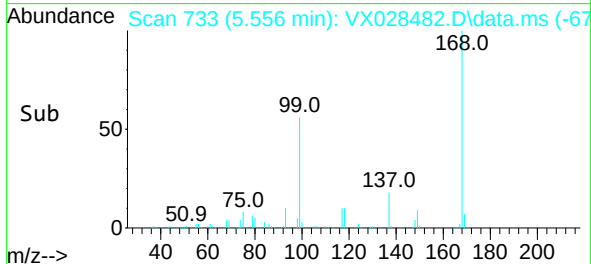
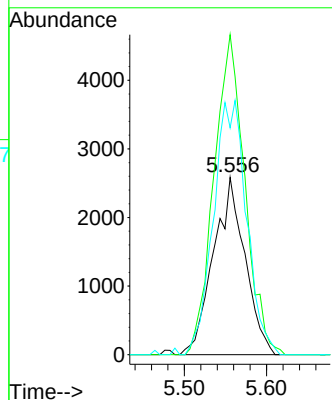
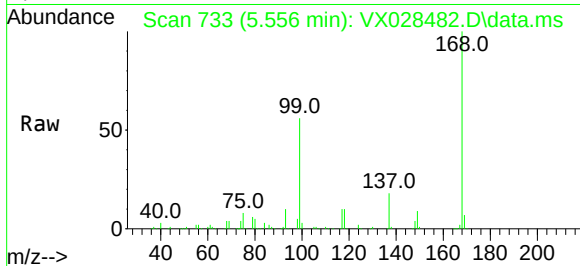




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

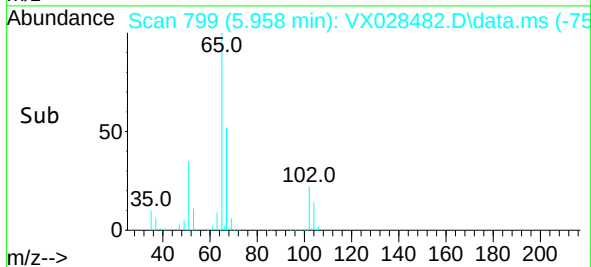
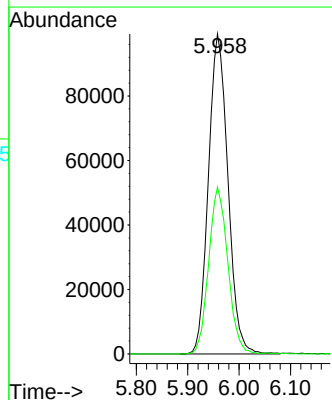
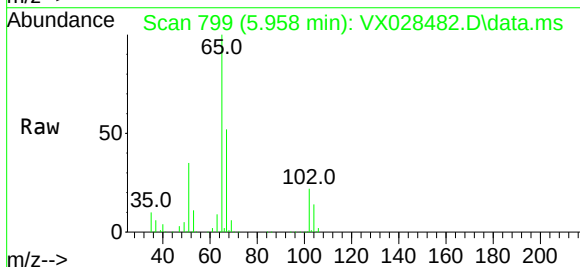
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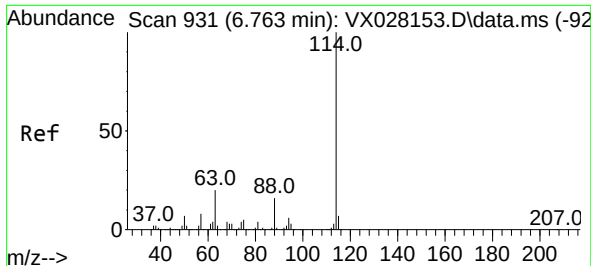
Tgt Ion: 56 Resp: 6884
Ion Ratio Lower Upper
56 100
69 180.5 26.7 40.1#
84 128.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.628 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 65 Resp: 261298
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

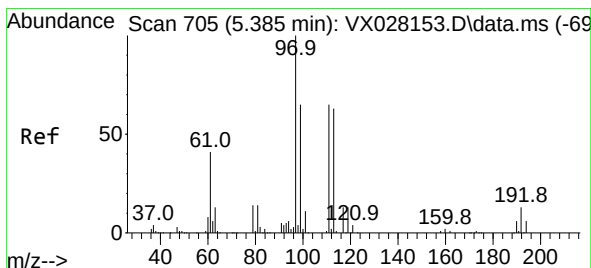
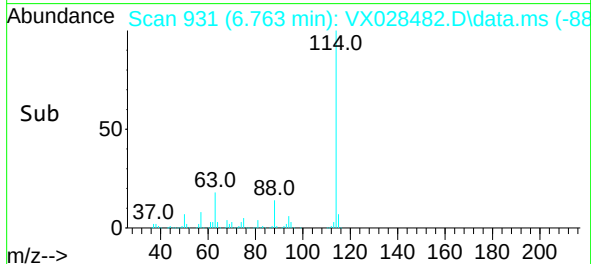
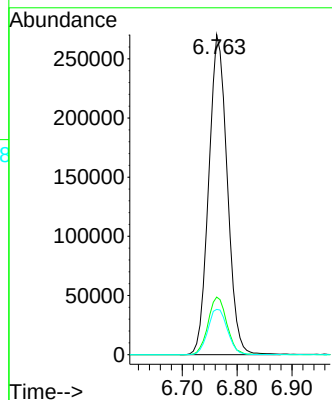
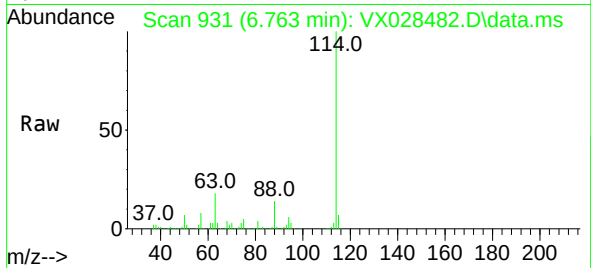




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

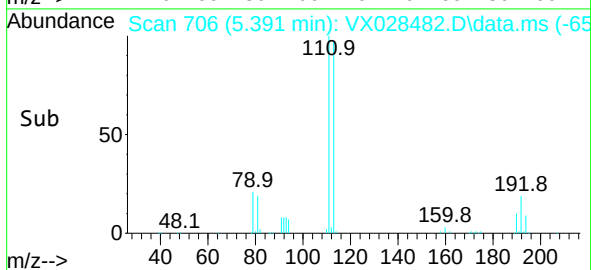
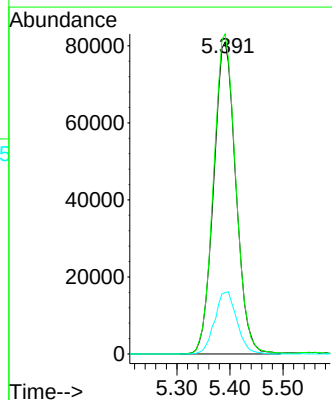
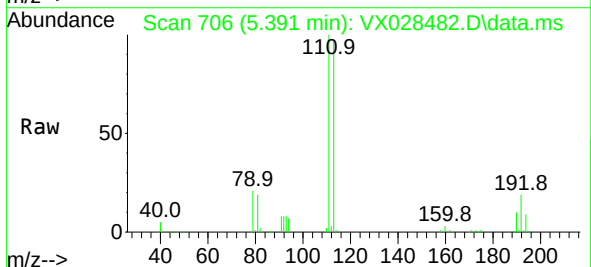
Instrument :
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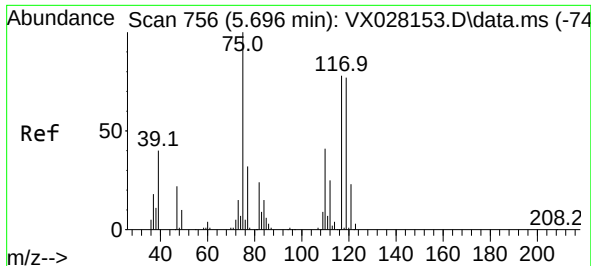
Tgt Ion:114 Resp: 631812
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 14.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.347 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion:113 Resp: 236371
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.8 16.9 25.3

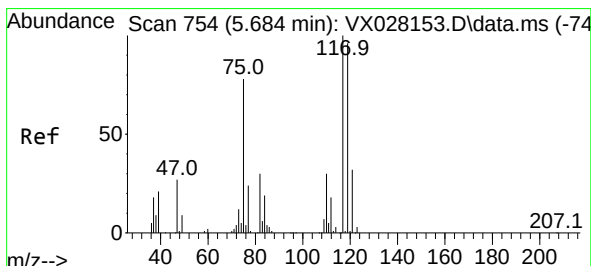
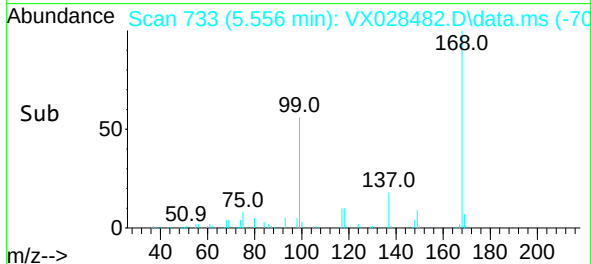
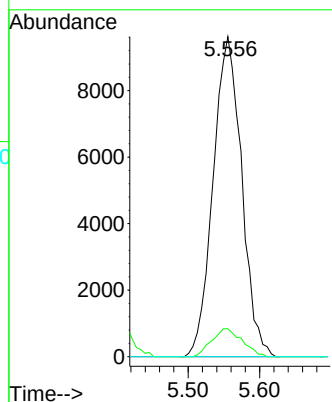
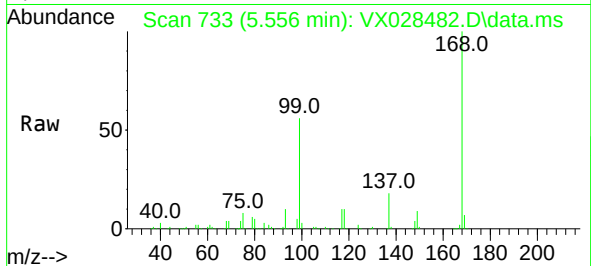




#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

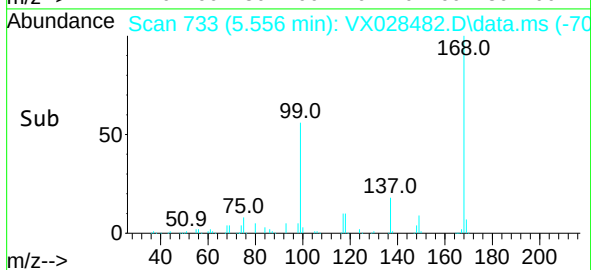
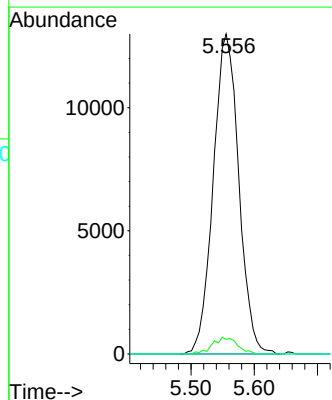
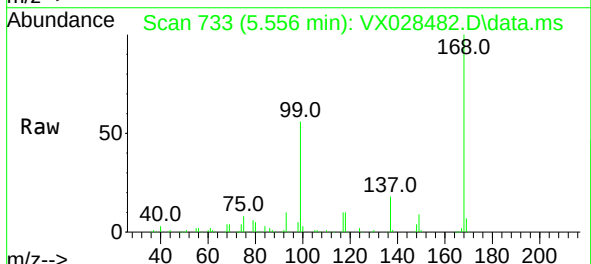
Instrument :
MSVOA_X
ClientSampleId :
40818

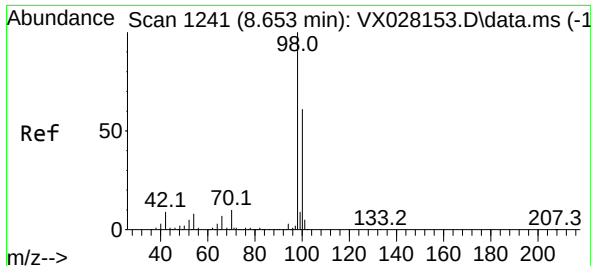
Tgt Ion: 75 Resp: 26636
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 117 Resp: 36363
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

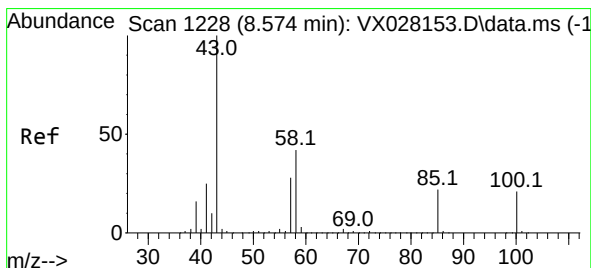
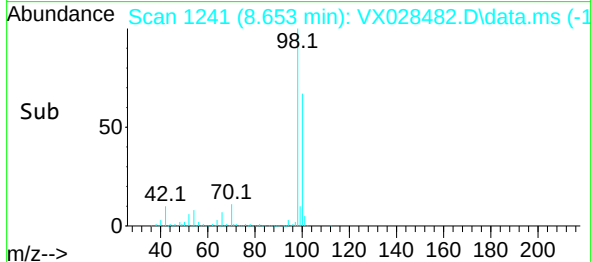
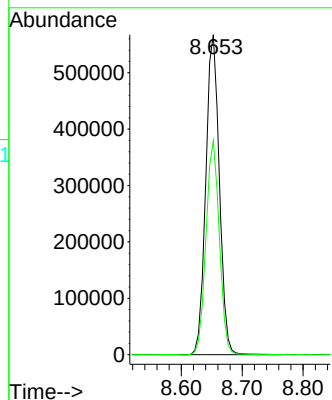
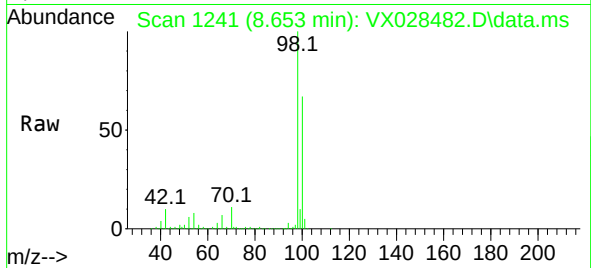




#50
Toluene-d8
Concen: 51.563 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

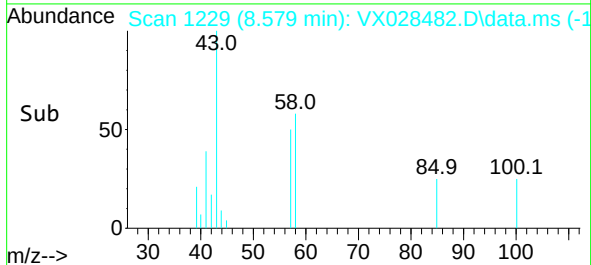
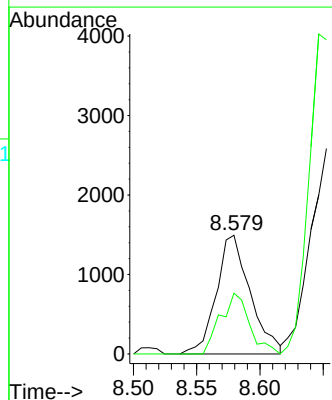
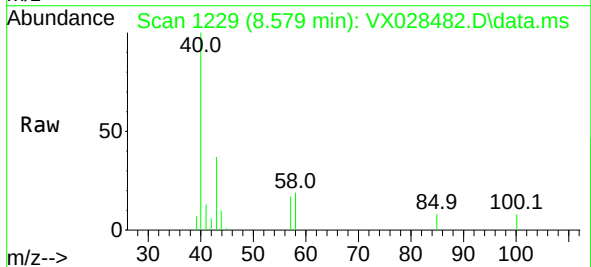
Instrument :
MSVOA_X
ClientSampleId :
40818

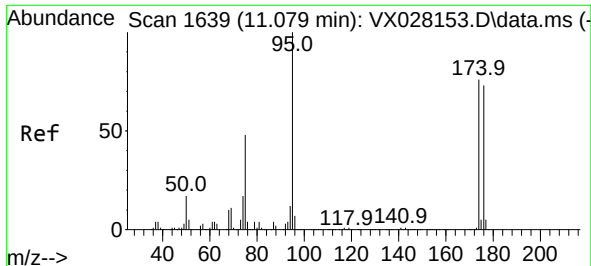
Tgt Ion: 98 Resp: 877504
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.579 min Scan# 1229
Delta R.T. 0.005 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
58 43.9 36.1 54.1

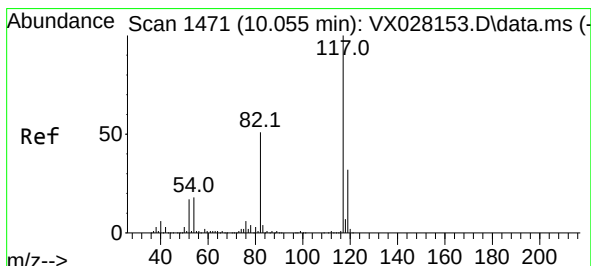
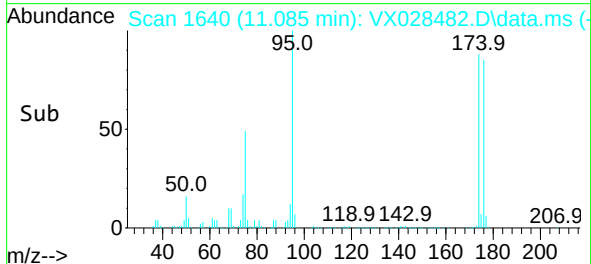
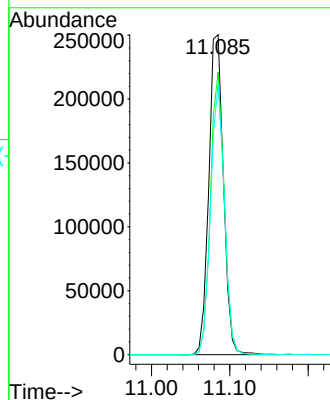
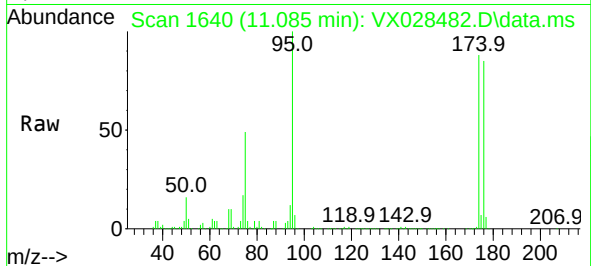




#62
4-Bromofluorobenzene
Concen: 49.830 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

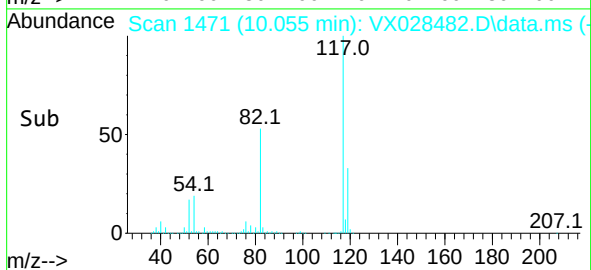
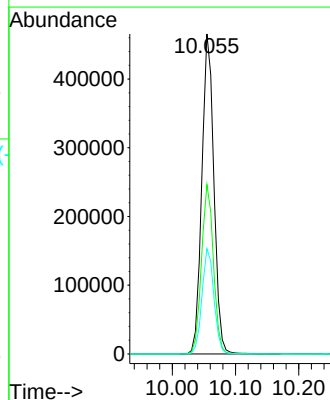
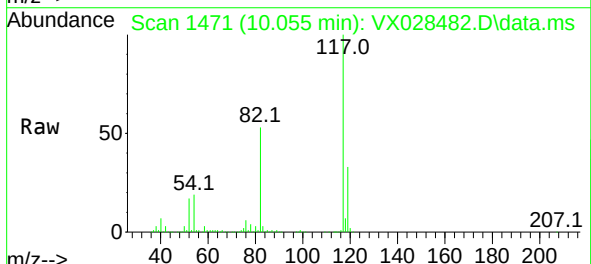
Instrument :
MSVOA_X
ClientSampleId :
40818

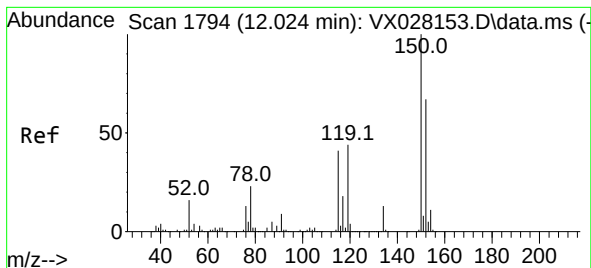
Tgt Ion: 95 Resp: 324240
Ion Ratio Lower Upper
95 100
174 83.8 0.0 163.0
176 80.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion: 117 Resp: 618642
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028482.D

Acq: 02 May 2022 18:45

Instrument :

MSVOA_X

ClientSampleId :

40818

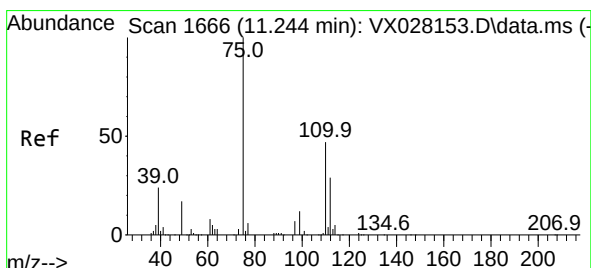
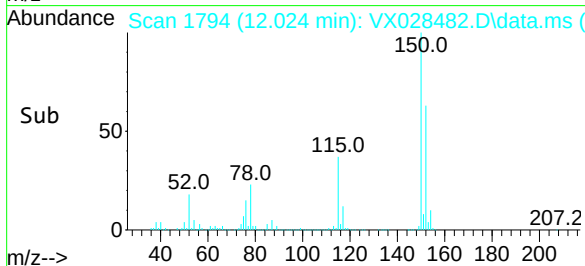
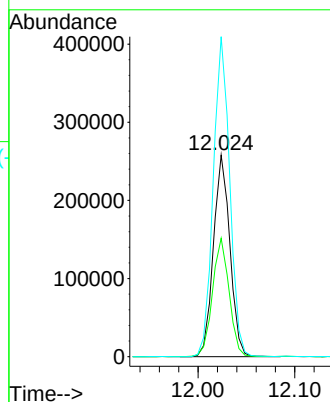
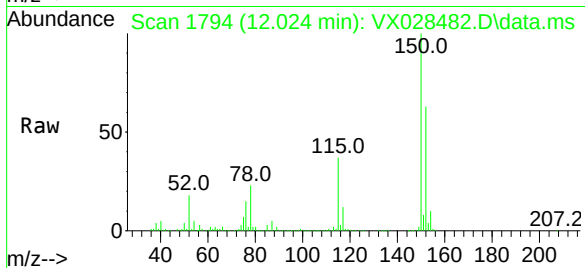
Tgt Ion:152 Resp: 305347

Ion Ratio Lower Upper

152 100

115 59.3 37.5 112.7

150 158.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 26.998 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028482.D

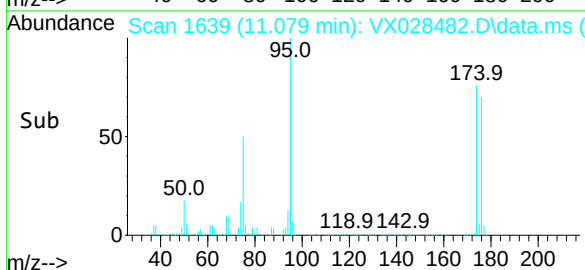
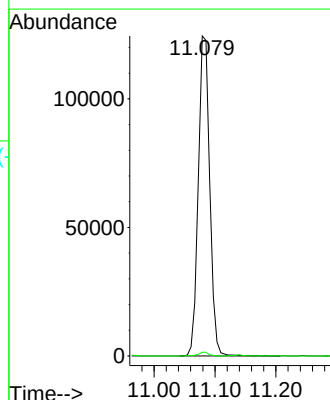
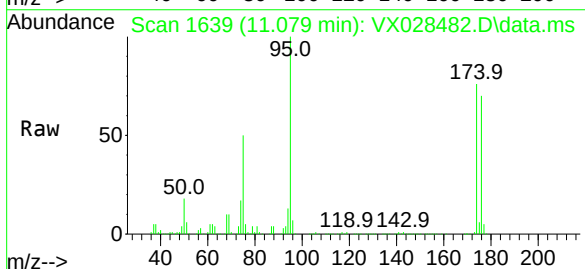
Acq: 02 May 2022 18:45

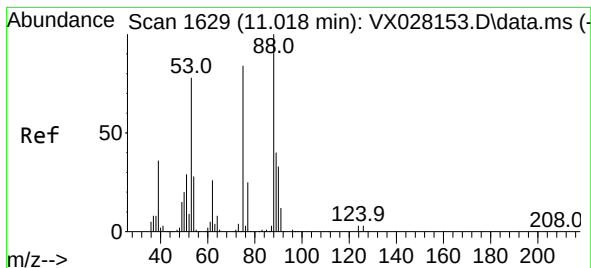
Tgt Ion: 75 Resp: 162241

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#

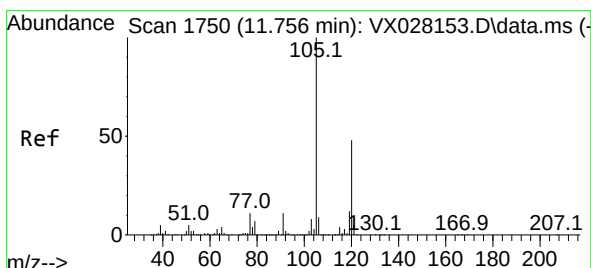
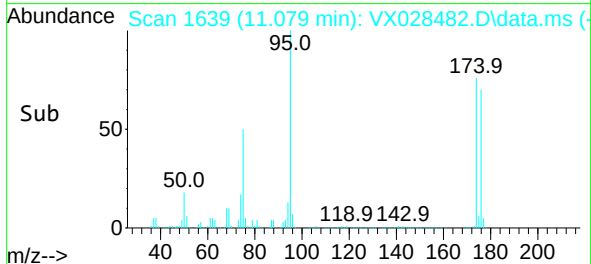
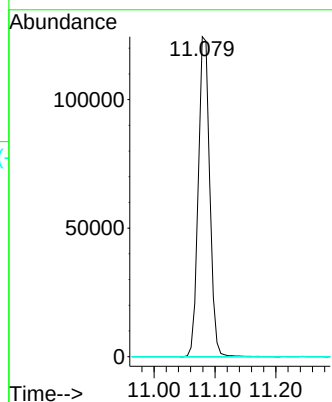
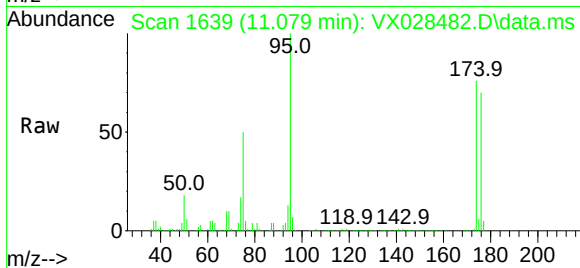




#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.230 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX028482.D
 Acq: 02 May 2022 18:45

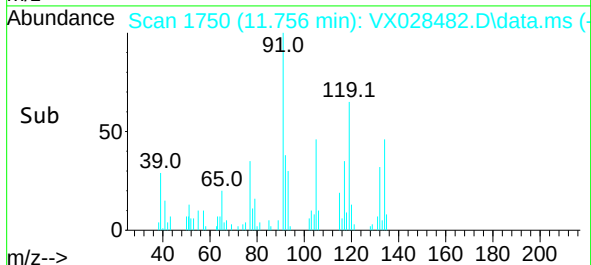
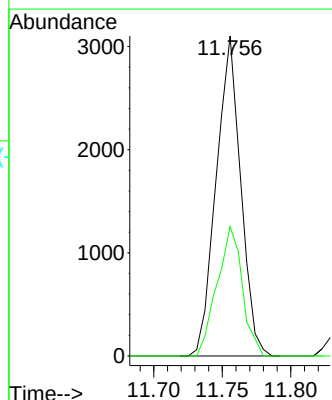
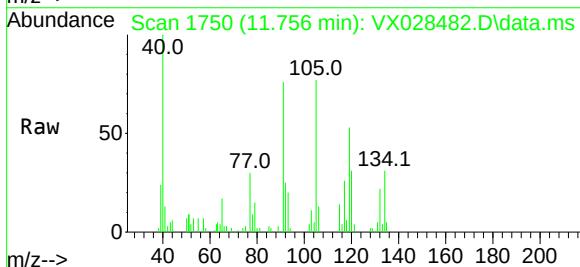
Instrument :
 MSVOA_X
 ClientSampleId :
 40818

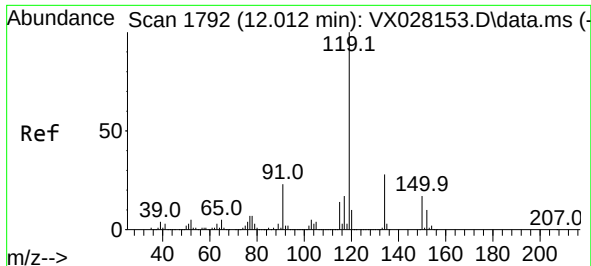
Tgt Ion: 75 Resp: 162241
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.218 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX028482.D
 Acq: 02 May 2022 18:45

Tgt Ion: 105 Resp: 3858
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.6 67.8

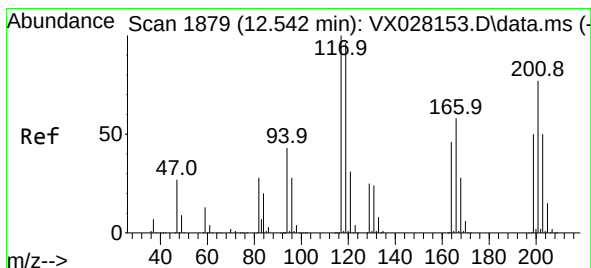
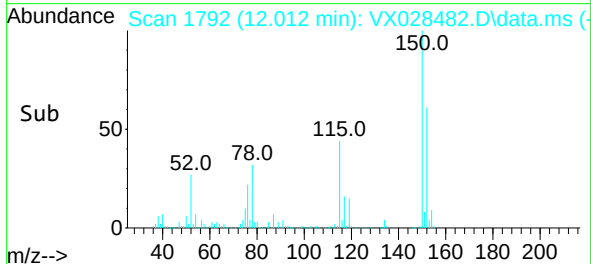
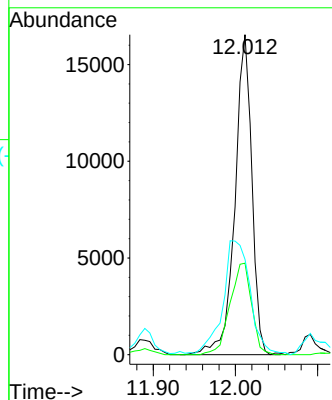
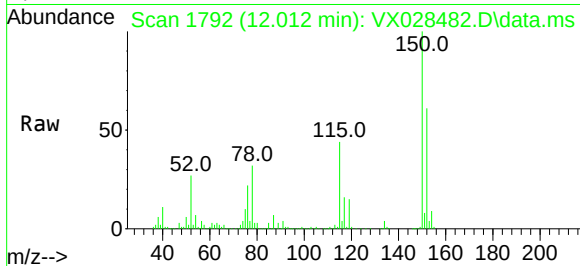




#86
p-Isopropyltoluene
Concen: 1.253 ug/l
RT: 12.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Instrument :
MSVOA_X
ClientSampleId :
40818

Tgt Ion:119 Resp: 23718
Ion Ratio Lower Upper
119 100
134 36.5 13.0 39.0
91 57.6 11.3 33.9#



#90
Hexachloroethane
Concen: 2.012 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028482.D
Acq: 02 May 2022 18:45

Tgt Ion:117 Resp: 702
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

