

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028950.D
 Acq On : 25 May 2022 15:04
 Operator : JC/MD
 Sample : N3030-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 34S-20220524

Quant Time: May 26 05:44:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

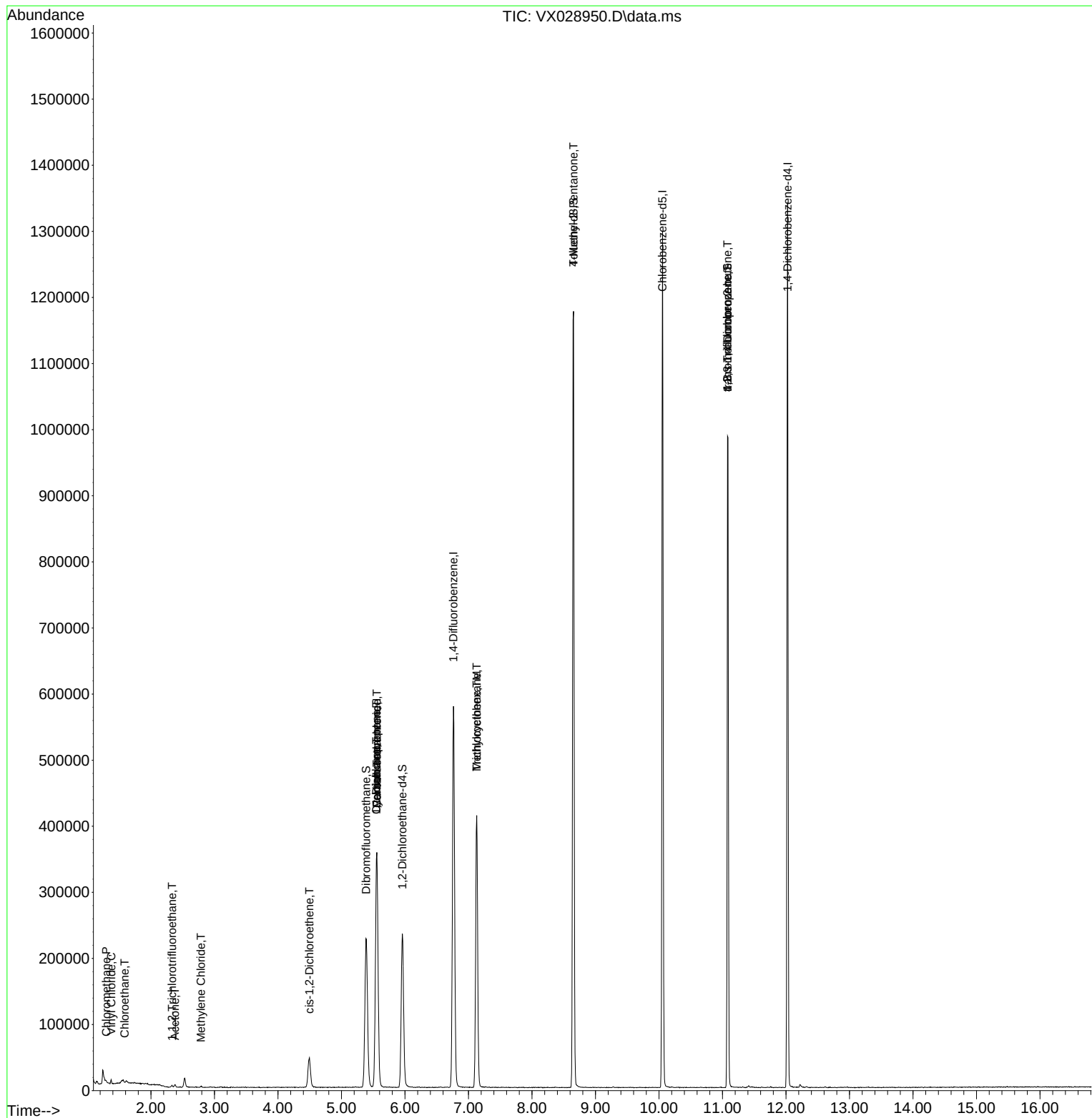
Internal Standards						
1) Pentafluorobenzene	5.556	168	337453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	602794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	583500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230228	49.772	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.540%
35) Dibromofluoromethane	5.385	113	199124	50.419	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.840%
50) Toluene-d8	8.653	98	717105	48.160	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	284576	51.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1349	0.324	ug/l	100
4) Vinyl Chloride	1.374	62	3723	0.830	ug/l	96
5) Bromomethane	1.612	94	1699	Below Cal		86
6) Chloroethane	1.587	64	7228	0.374	ug/l #	44
9) 1,1,2-Trichlorotrifluo...	2.331	101	917	0.244	ug/l	96
11) Tert butyl alcohol	2.941	59	465	Below Cal	#	72
16) Acetone	2.380	43	4047	2.039	ug/l	97
20) Methylene Chloride	2.788	84	883	0.212	ug/l #	74
27) cis-1,2-Dichloroethene	4.495	96	30385	6.613	ug/l	90
31) Cyclohexane	5.550	56	6437	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25690	4.331	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35138	5.886	ug/l #	16
39) Methylcyclohexane	7.129	83	1904	0.280	ug/l #	1
44) Trichloroethene	7.129	130	166027	35.908	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	2815	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	142763	22.385	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	142763	65.481	ug/l #	15

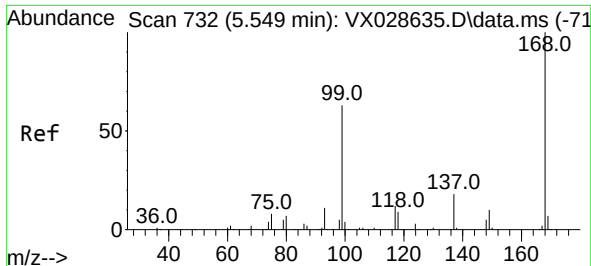
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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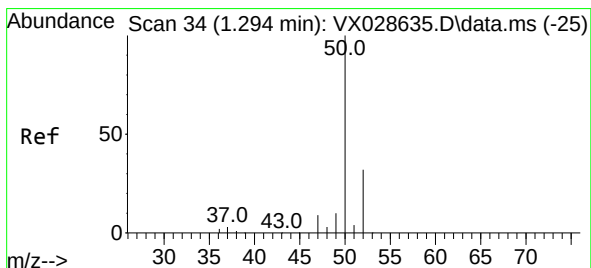
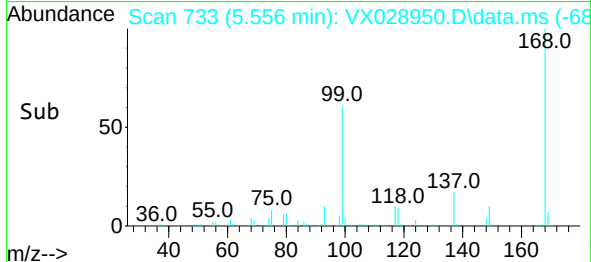
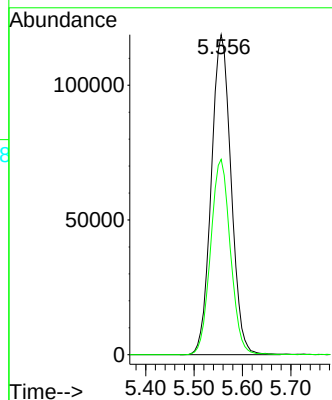
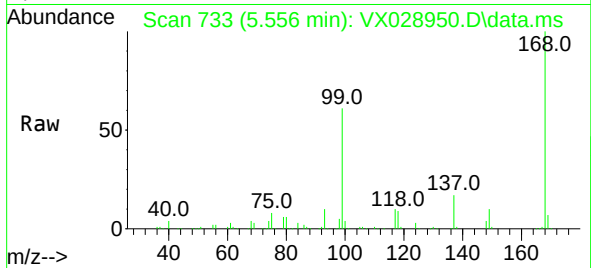




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

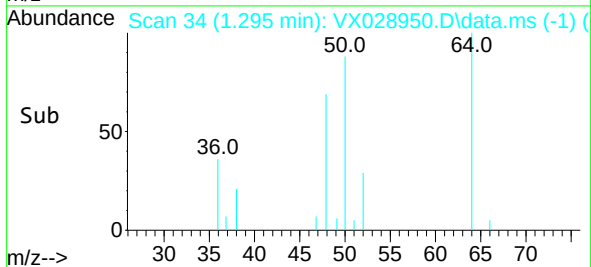
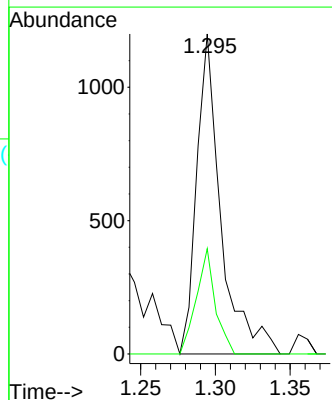
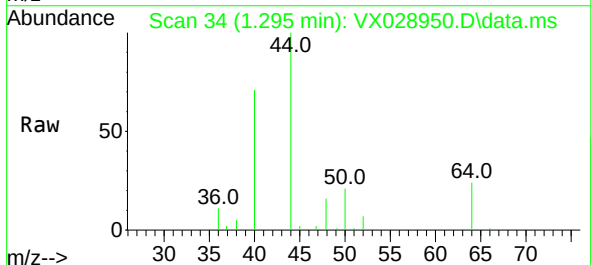
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

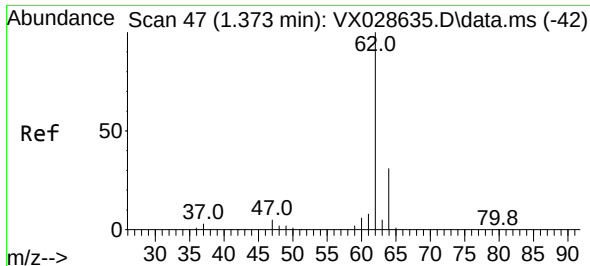
Tgt Ion:168 Resp: 337453
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#3
Chloromethane
Concen: 0.324 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 50 Resp: 1349
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

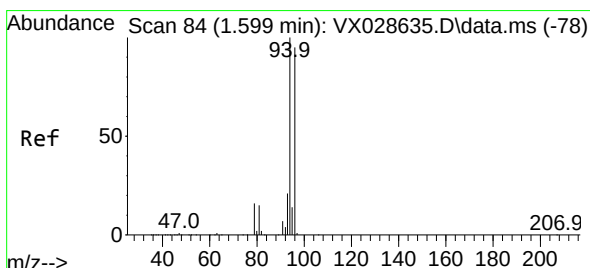
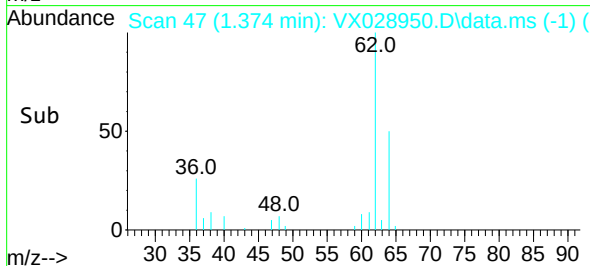
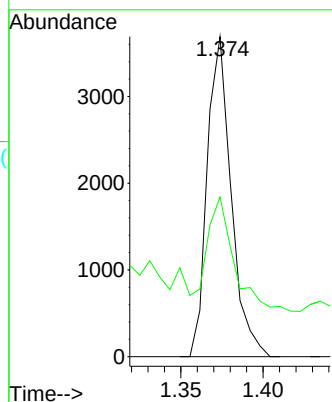
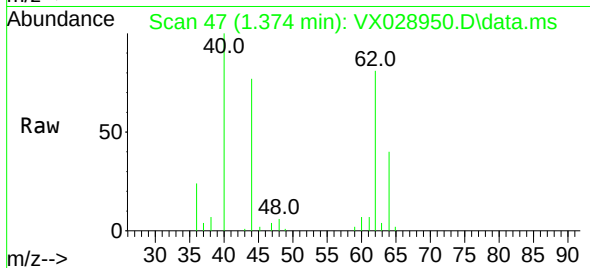




#4
 Vinyl Chloride
 Concen: 0.830 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX028950.D
 Acq: 25 May 2022 15:04

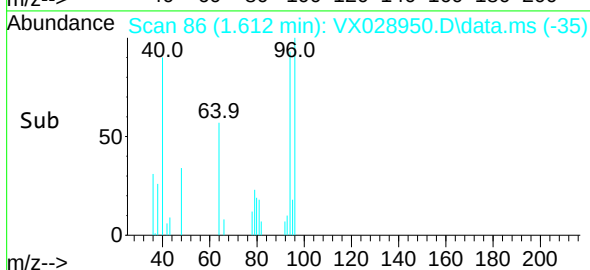
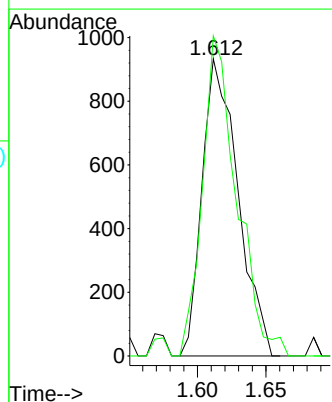
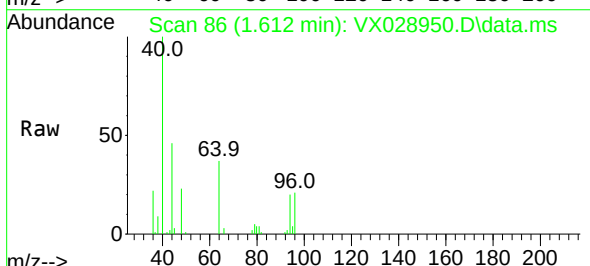
Instrument :
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 ClientSampleId :
 34S-20220524

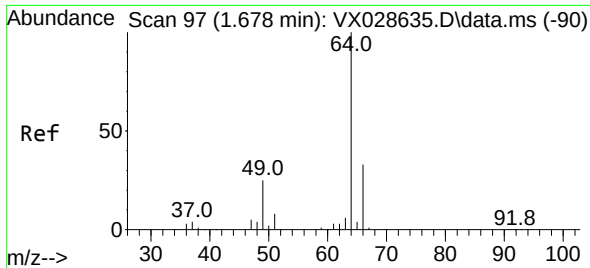
Tgt Ion: 62 Resp: 3723
 Ion Ratio Lower Upper
 62 100
 64 34.2 25.5 38.3



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.612 min Scan# 86
 Delta R.T. 0.013 min
 Lab File: VX028950.D
 Acq: 25 May 2022 15:04

Tgt Ion: 94 Resp: 1699
 Ion Ratio Lower Upper
 94 100
 96 107.7 75.3 112.9

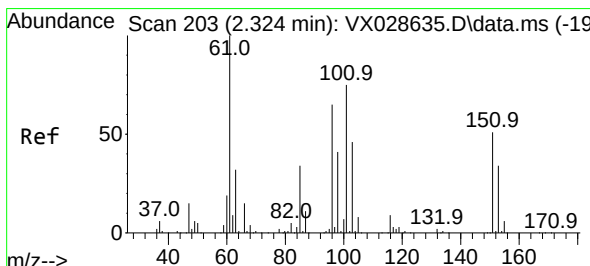
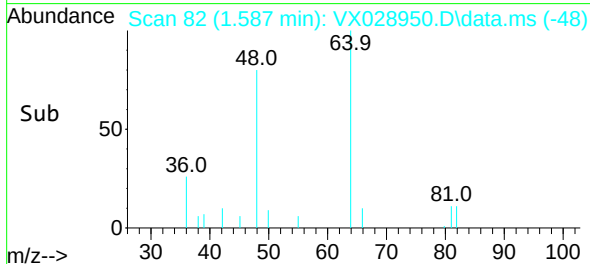
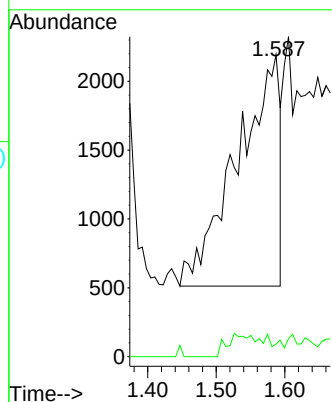
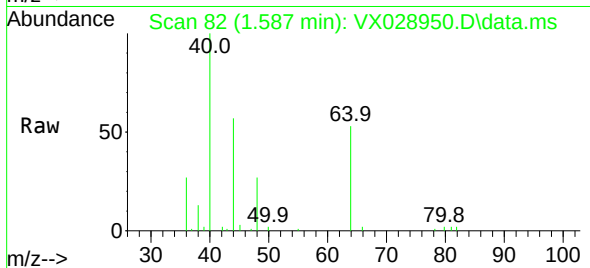




#6
Chloroethane
Concen: 0.374 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.091 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

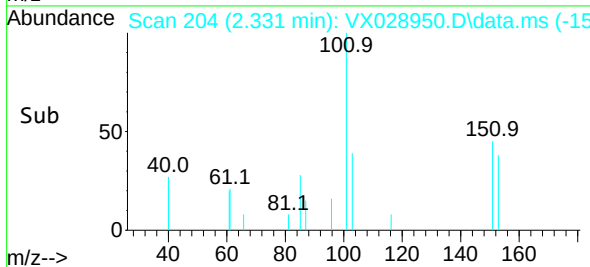
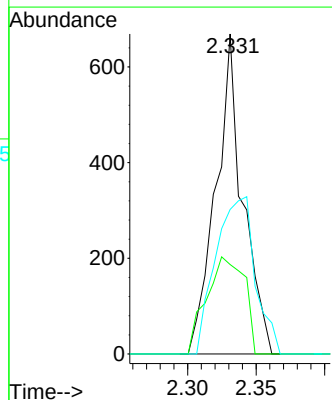
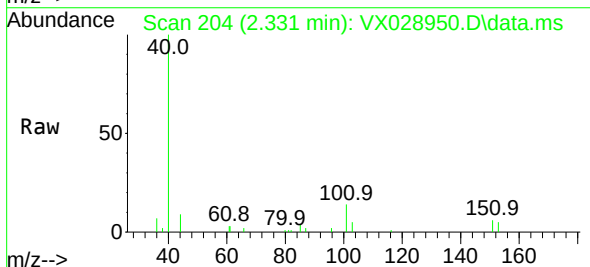
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

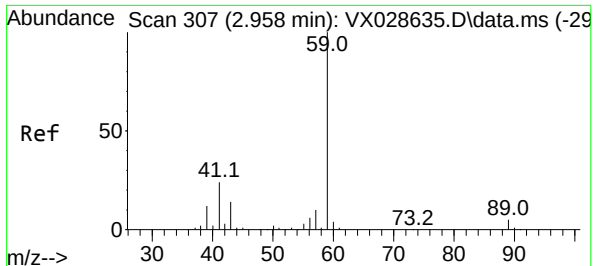
Tgt Ion: 64 Resp: 7228
Ion Ratio Lower Upper
64 100
66 0.6 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.244 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.007 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 101 Resp: 917
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 71.8 61.8 92.6

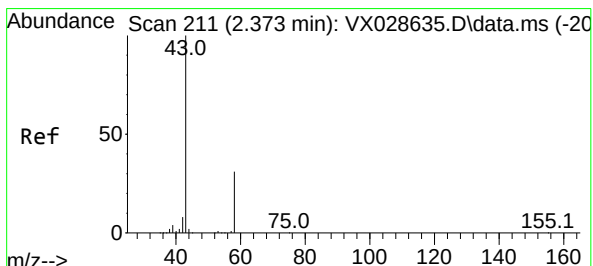
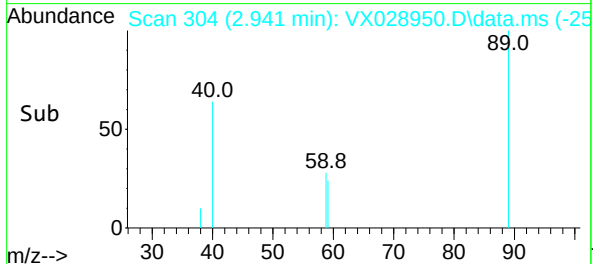
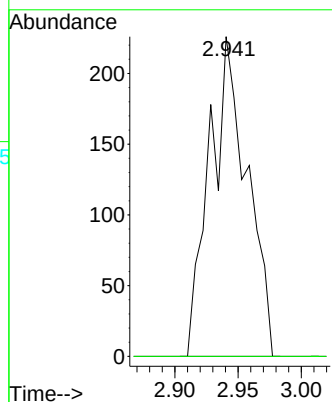
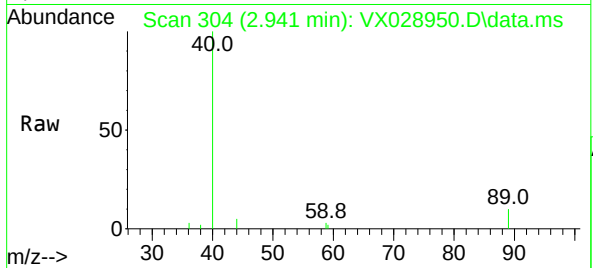




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 307
Delta R.T. -0.017 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

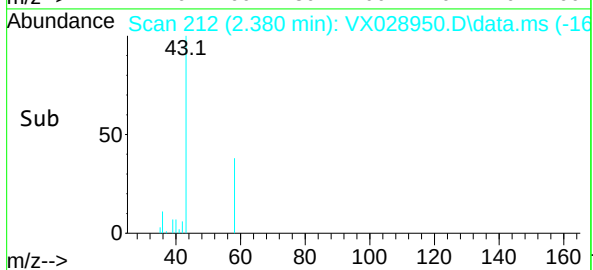
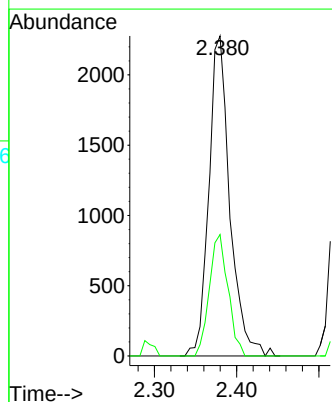
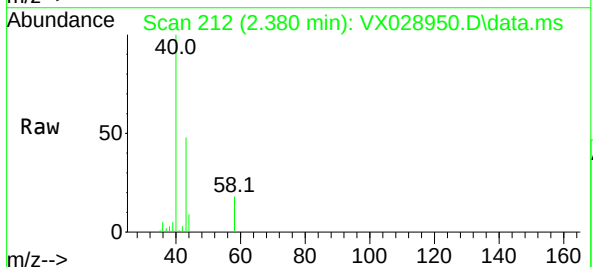
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

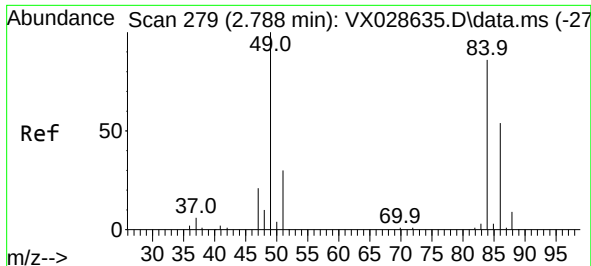
Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.039 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

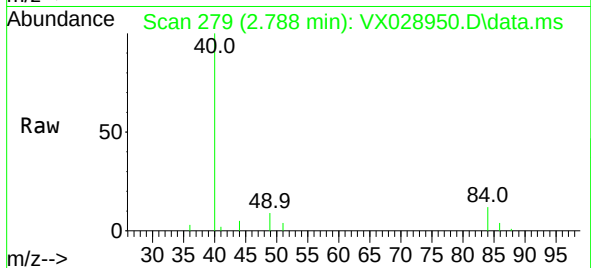
Tgt Ion: 43 Resp: 4047
Ion Ratio Lower Upper
43 100
58 37.9 28.8 43.2



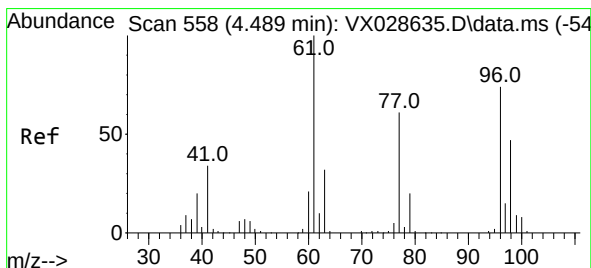
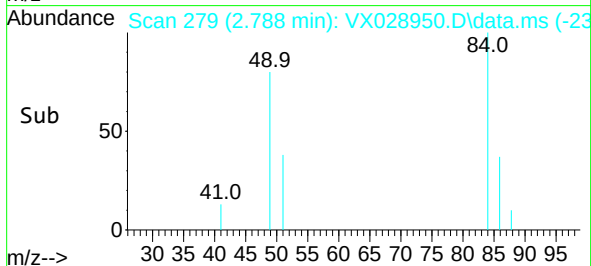
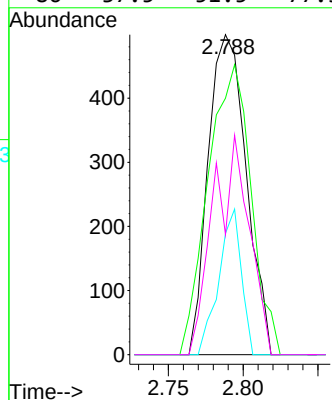


#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

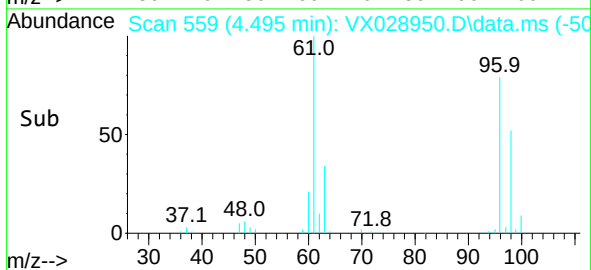
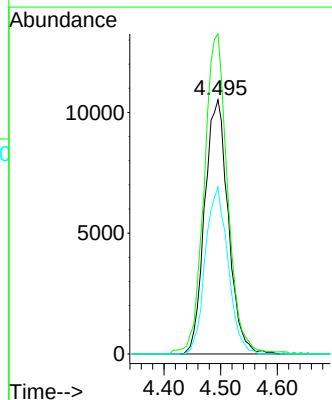
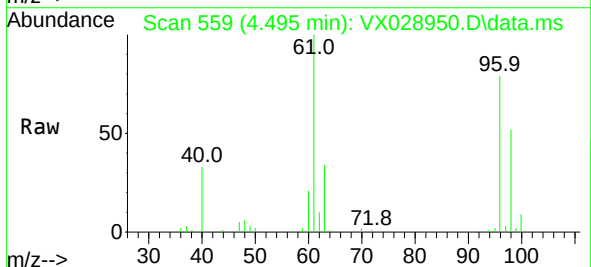


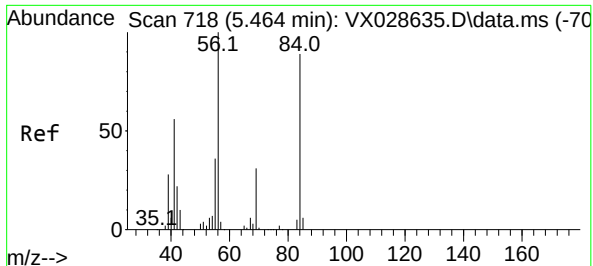
Tgt Ion: 84	Resp: 883
Ion Ratio	Lower Upper
84 100	
49 80.2	85.5 128.3#
51 37.9	26.6 39.8
86 37.5	51.5 77.3#



#27
cis-1,2-Dichloroethene
Concen: 6.613 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

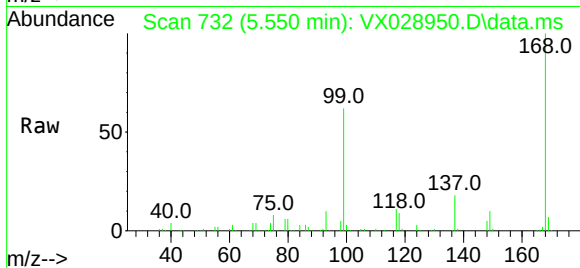
Tgt Ion: 96	Resp: 30385
Ion Ratio	Lower Upper
96 100	
61 125.4	0.0 283.8
98 63.2	0.0 129.8



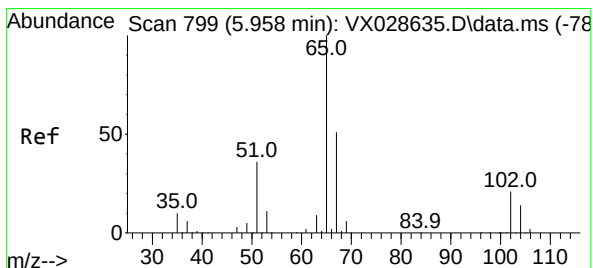
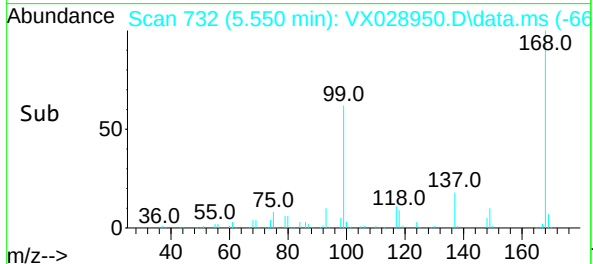
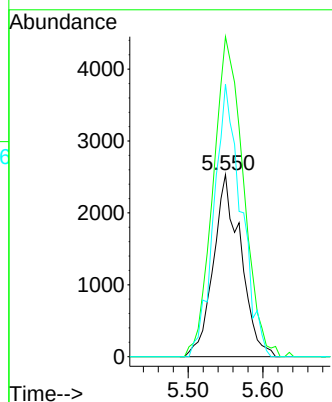


#31
Cyclohexane
Concen: 1.003 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Instrument :
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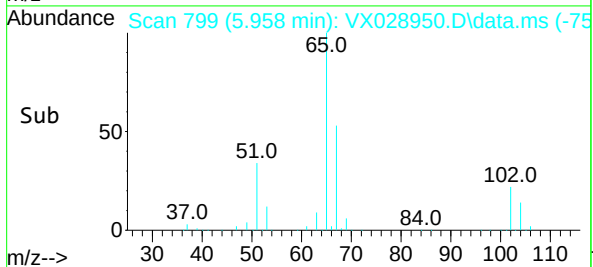
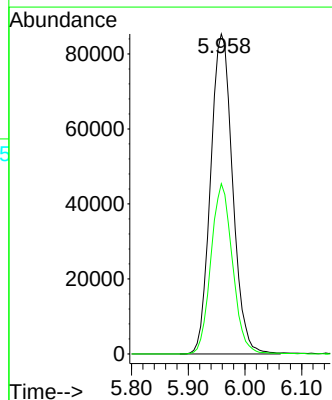
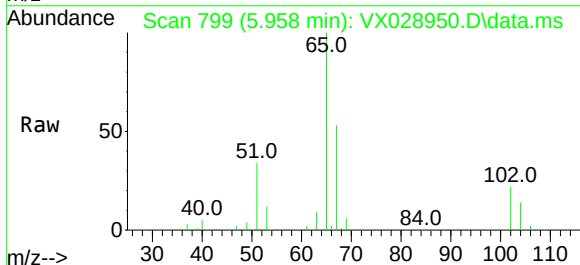


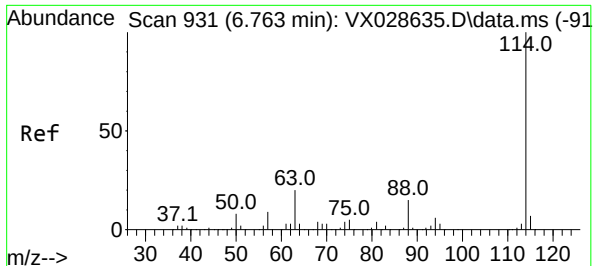
Tgt Ion: 56 Resp: 6437
Ion Ratio Lower Upper
56 100
69 175.8 26.7 40.1#
84 149.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 65 Resp: 230228
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

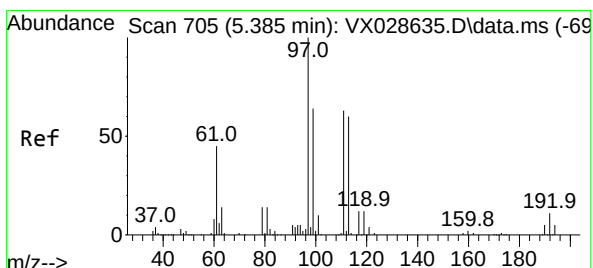
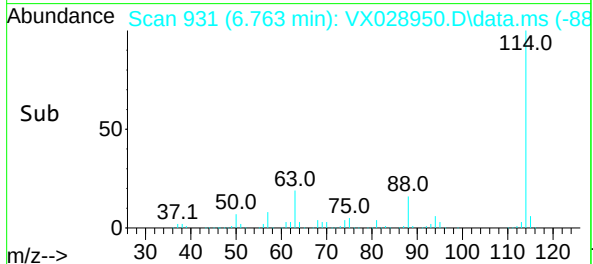
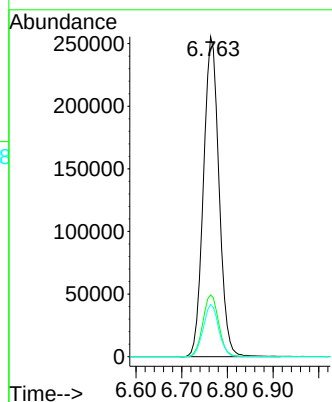
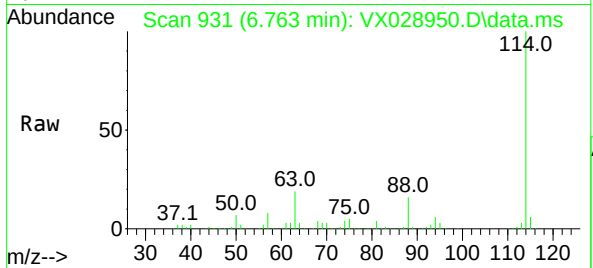




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

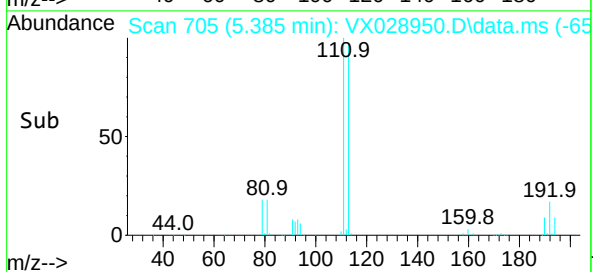
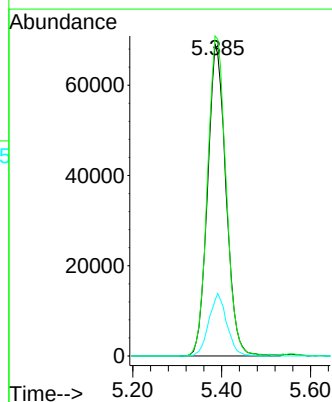
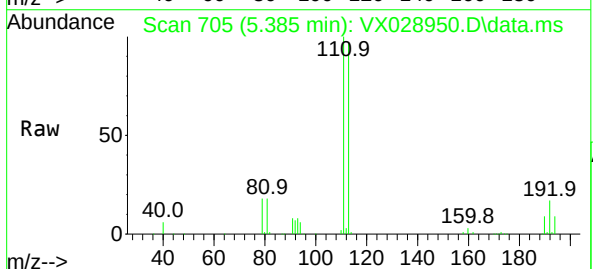
Instrument :
MSVOA_X
ClientSampleId :
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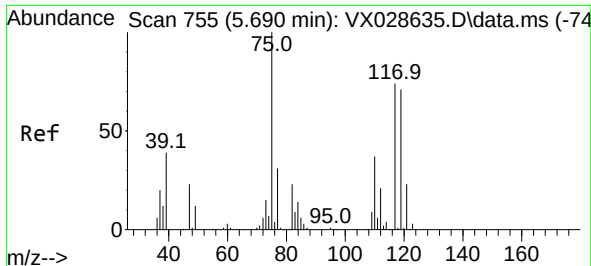
Tgt Ion:114 Resp: 602794
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.419 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion:113 Resp: 199124
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 19.4 16.9 25.3

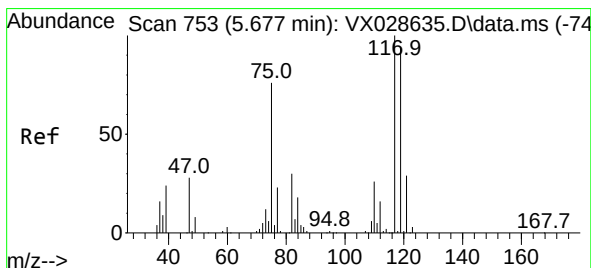
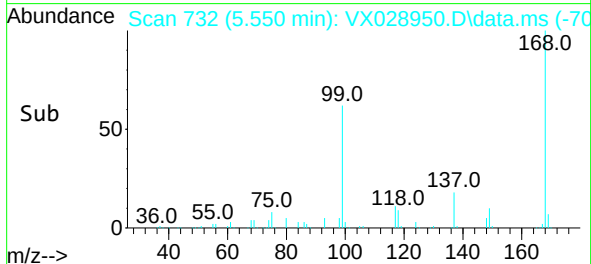
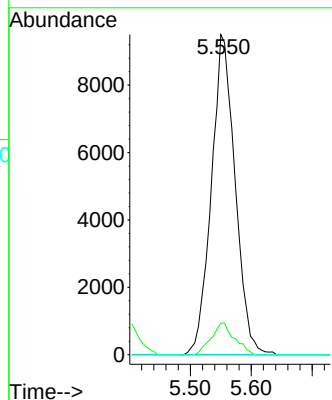
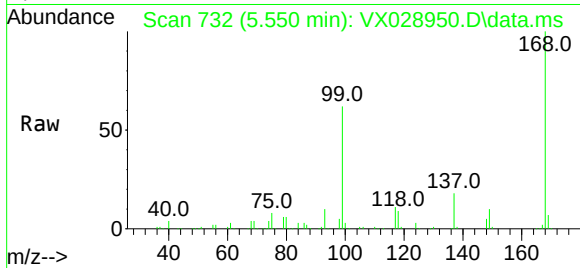




#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

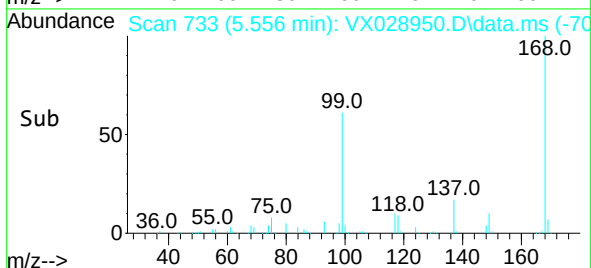
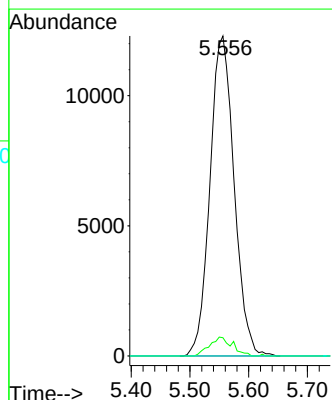
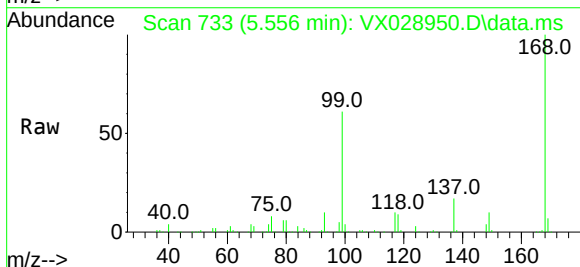
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

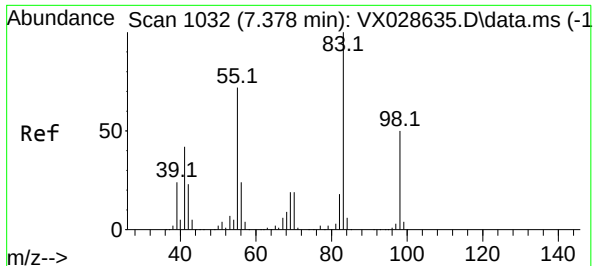
Tgt Ion: 75 Resp: 25690
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 117 Resp: 35138
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.280 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.249 min

Lab File: VX028950.D

Acq: 25 May 2022 15:04

Instrument :

MSVOA_X

ClientSampleId :

34S-20220524

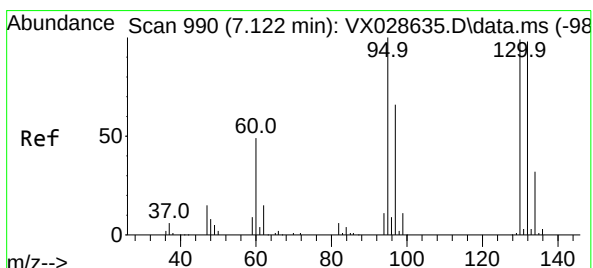
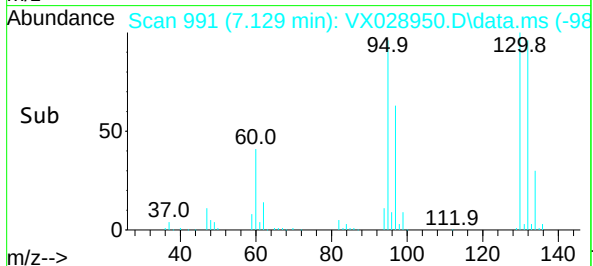
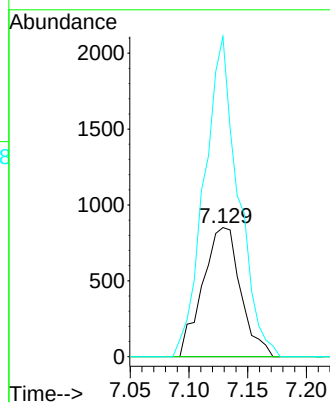
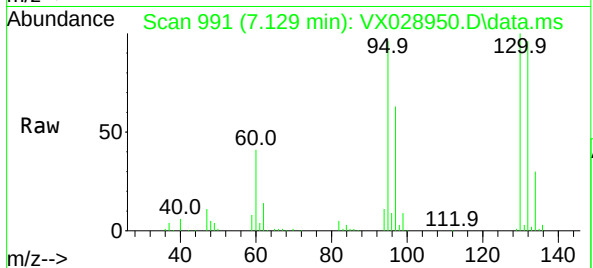
Tgt Ion: 83 Resp: 1904

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 247.8 37.4 56.2#



#44

Trichloroethene

Concen: 35.908 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028950.D

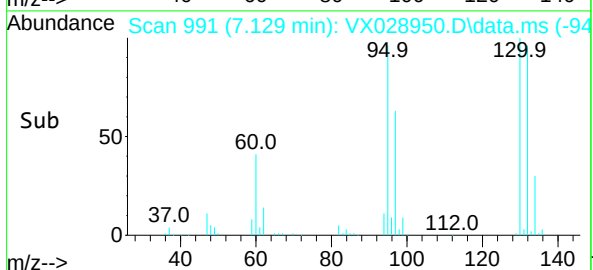
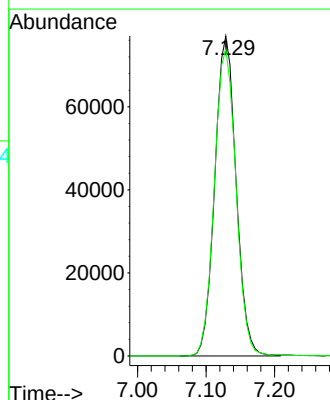
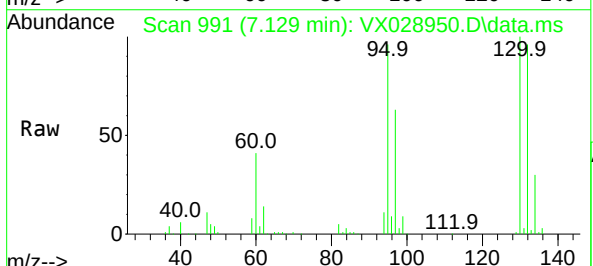
Acq: 25 May 2022 15:04

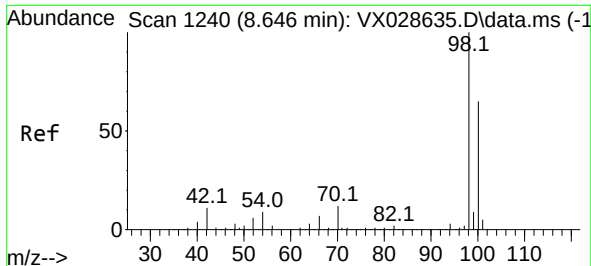
Tgt Ion:130 Resp: 166027

Ion Ratio Lower Upper

130 100

95 95.9 0.0 188.8

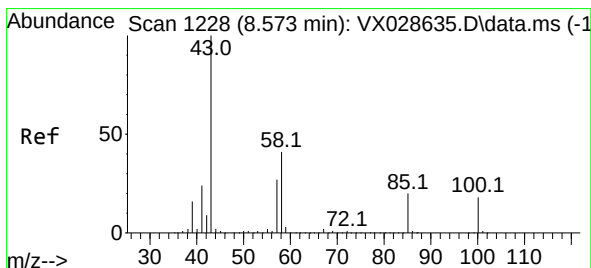
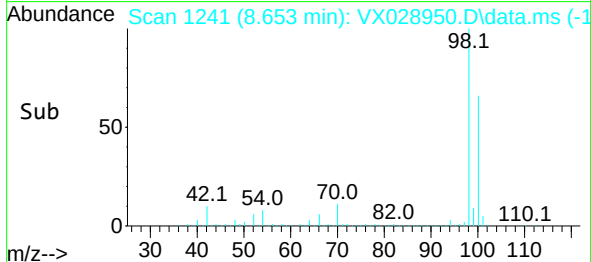
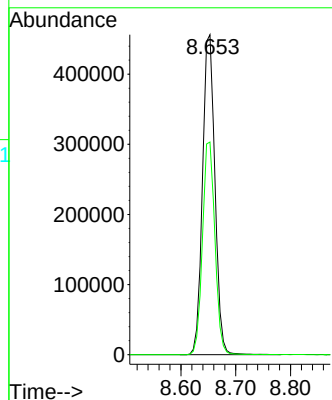
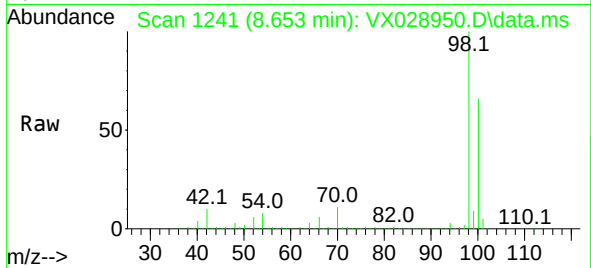




#50
Toluene-d8
Concen: 48.160 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

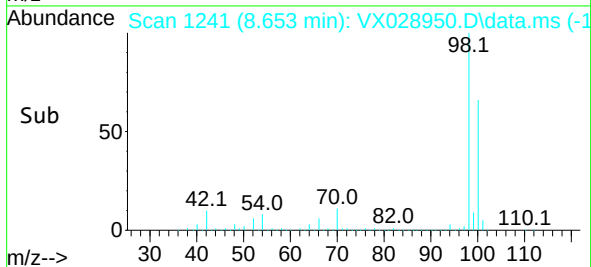
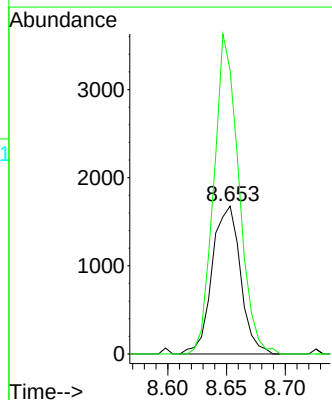
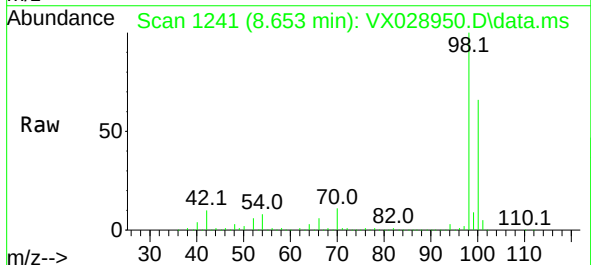
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

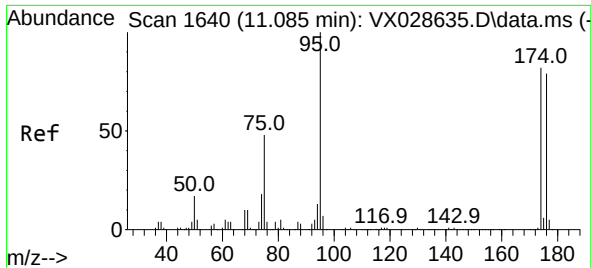
Tgt Ion: 98 Resp: 717105
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
58 190.1 36.1 54.1#

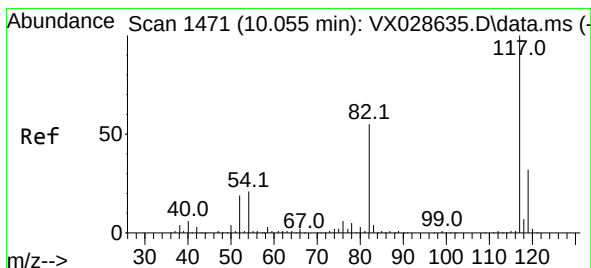
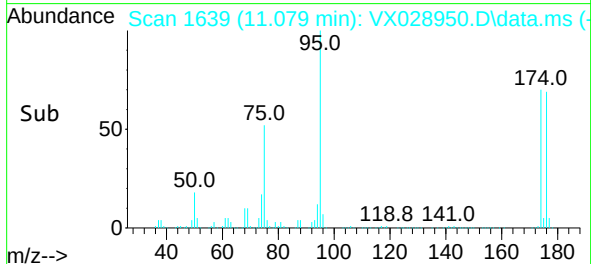
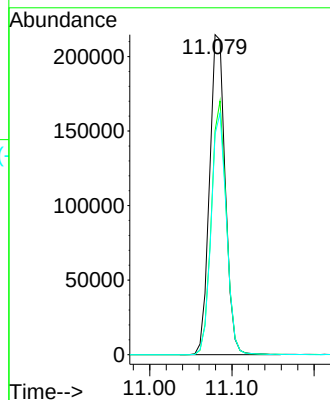
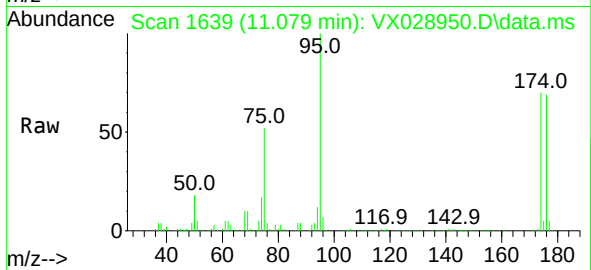




#62
4-Bromofluorobenzene
Concen: 51.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

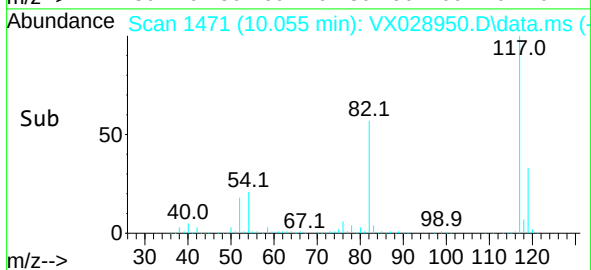
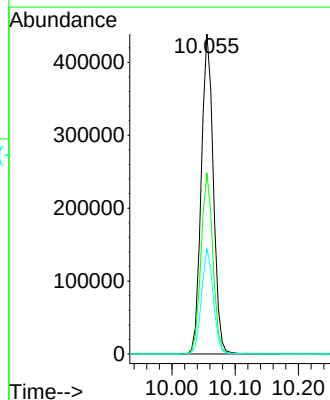
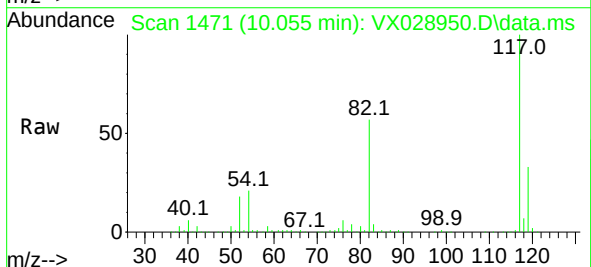
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

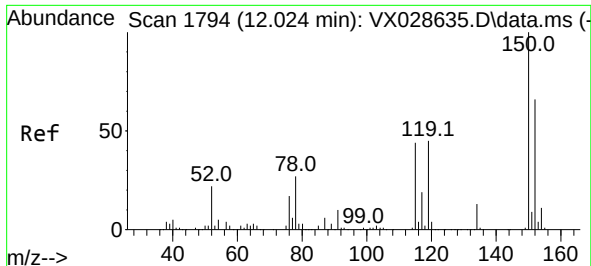
Tgt Ion: 95 Resp: 284576
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 117 Resp: 583500
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.8 24.8 37.2

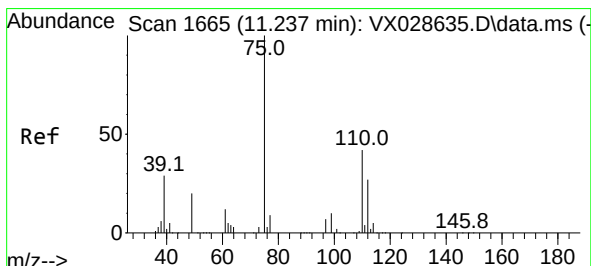
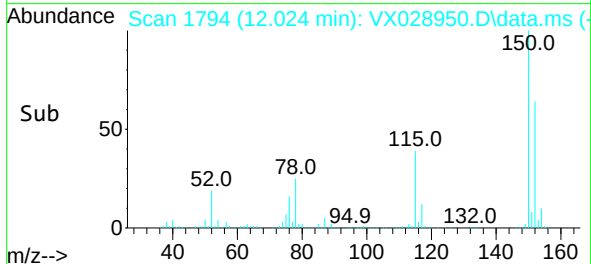
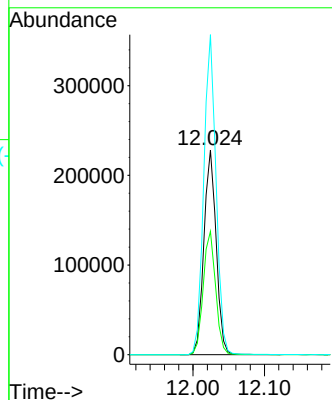
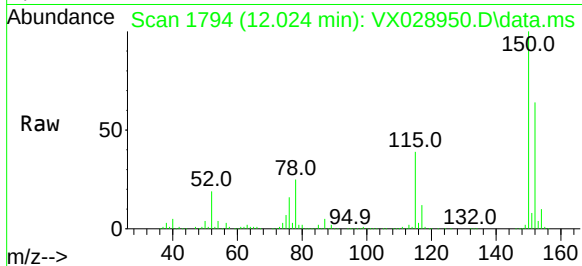




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

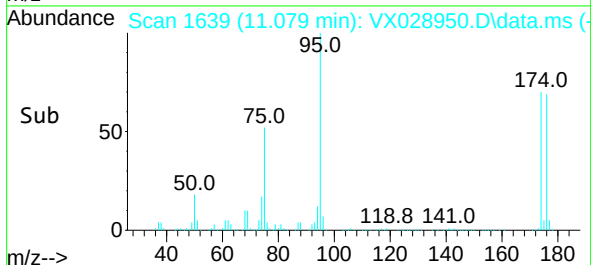
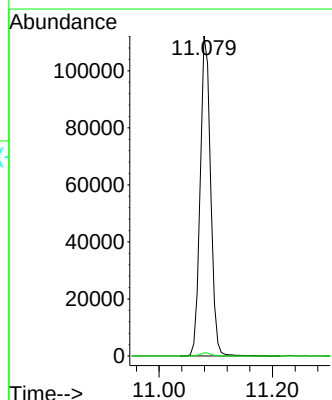
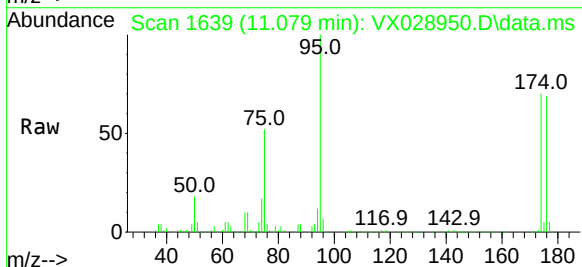
Instrument :
MSVOA_X
ClientSampleId :
34S-20220524

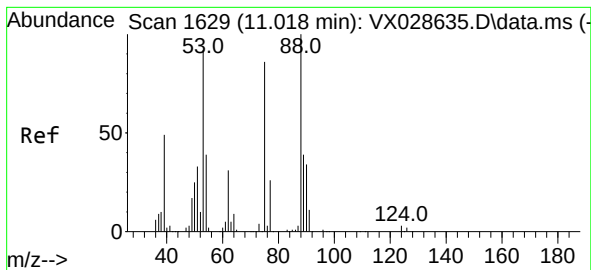
Tgt Ion:152 Resp: 272326
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028950.D
Acq: 25 May 2022 15:04

Tgt Ion: 75 Resp: 142763
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.481 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX028950.D
 Acq: 25 May 2022 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 34S-20220524

Tgt Ion: 75 Resp: 142763
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

