

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028974.D
 Acq On : 26 May 2022 01:32
 Operator : JC/MD
 Sample : N3003-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 13S-20220523

Quant Time: May 26 05:51:24 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)

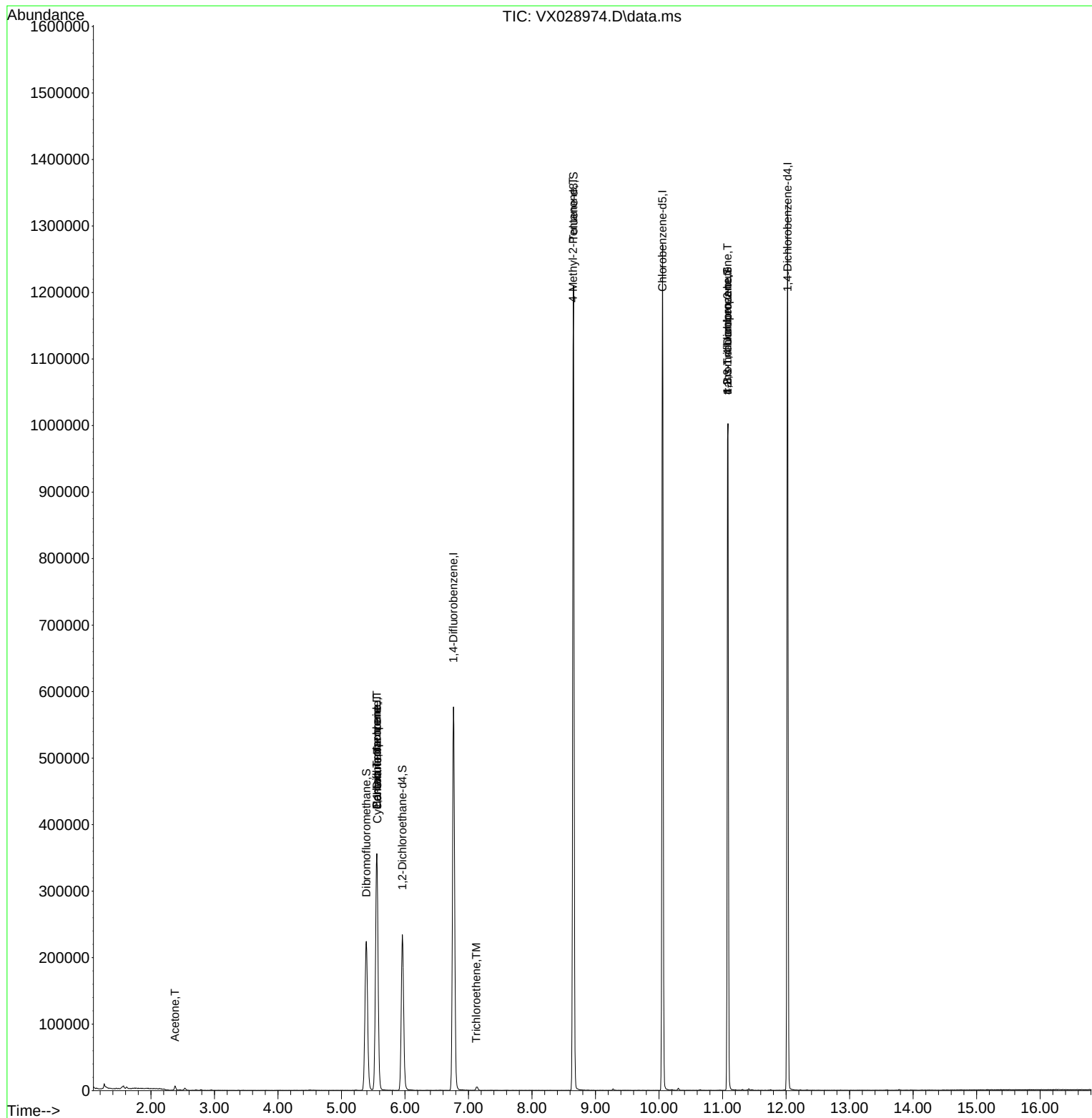
Internal Standards						
1) Pentafluorobenzene	5.556	168	336044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	607306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	580921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	227420	49.371	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.740%
35) Dibromofluoromethane	5.391	113	198239	49.822	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.640%
50) Toluene-d8	8.653	98	721207	48.076	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.160%
62) 4-Bromofluorobenzene	11.079	95	282836	50.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1155	Below Cal	#	80
6) Chloroethane	1.678	64	281	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	319	Below Cal	#	72
16) Acetone	2.379	43	6677	3.377	ug/l	97
31) Cyclohexane	5.562	56	6409	1.002	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	25722	4.304	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35343	5.876	ug/l	# 15
44) Trichloroethene	7.122	130	2216	0.476	ug/l	87
51) 4-Methyl-2-Pentanone	8.646	43	2733	0.425	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	141616	22.198	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	141616	64.967	ug/l	# 15

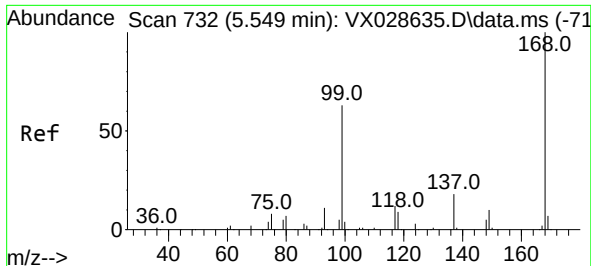
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 05:51:24 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

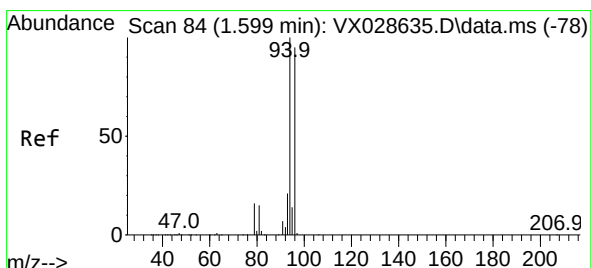
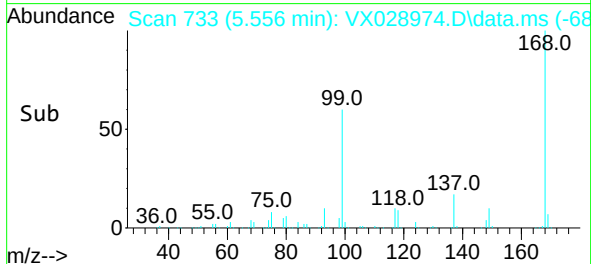
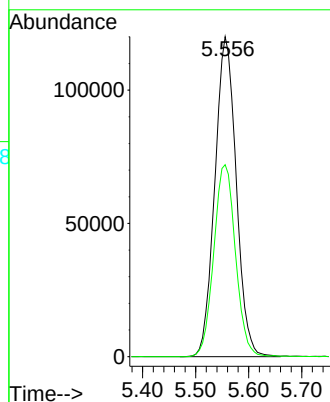
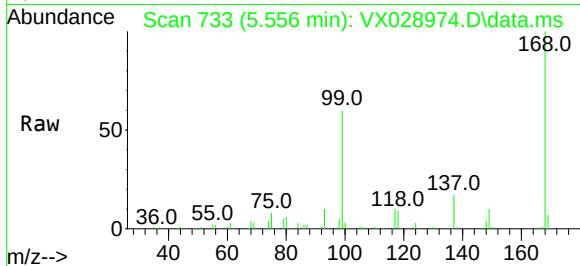




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

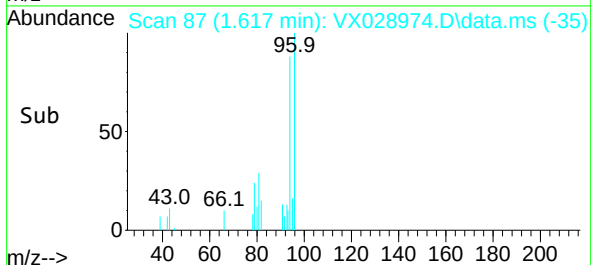
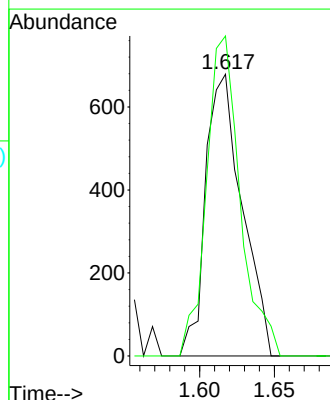
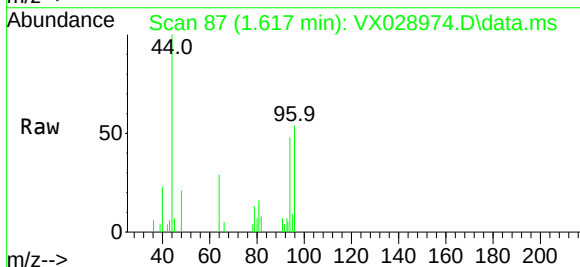
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

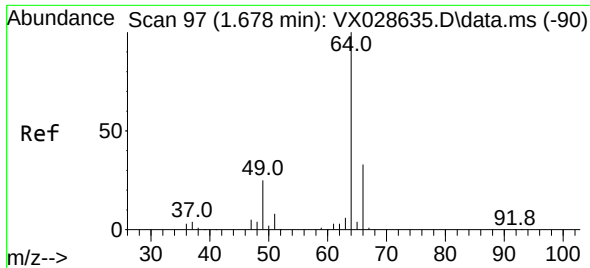
Tgt Ion:168 Resp: 336044
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 94 Resp: 1155
Ion Ratio Lower Upper
94 100
96 113.5 75.3 112.9#

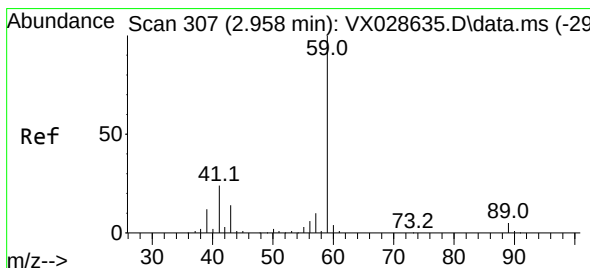
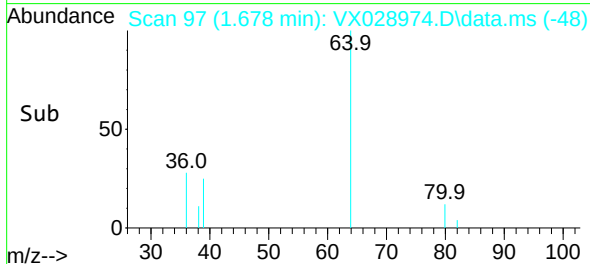
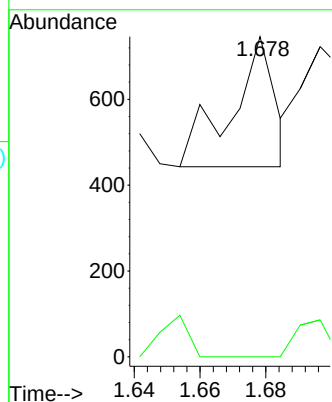
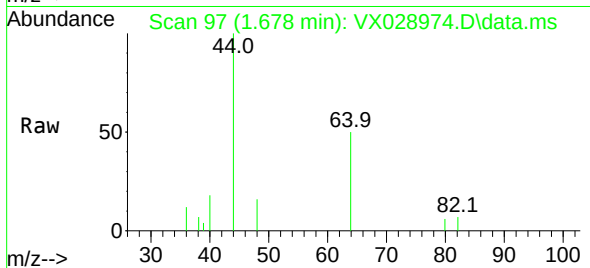




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

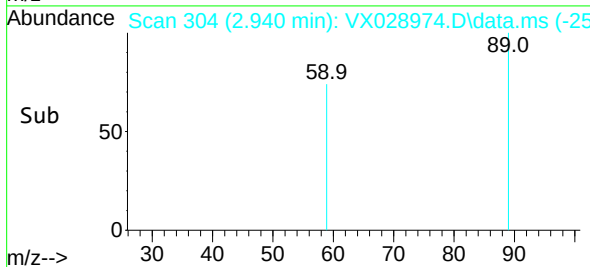
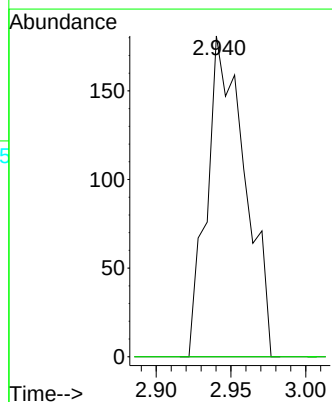
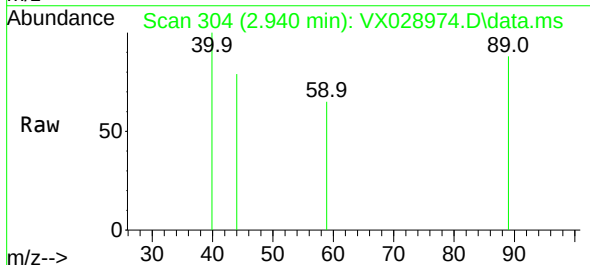
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

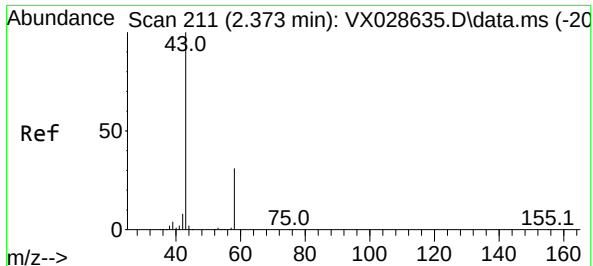
Tgt Ion: 64 Resp: 281
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

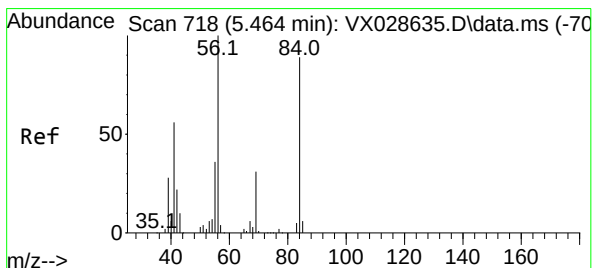
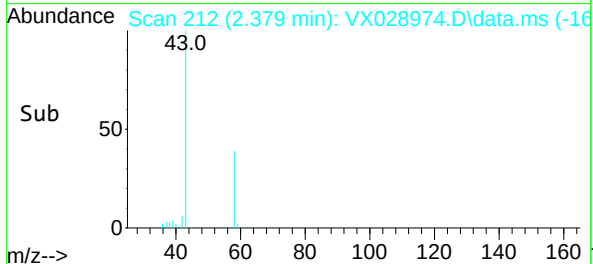
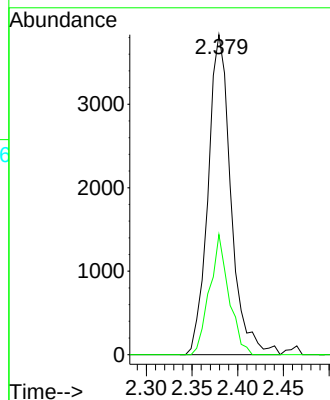
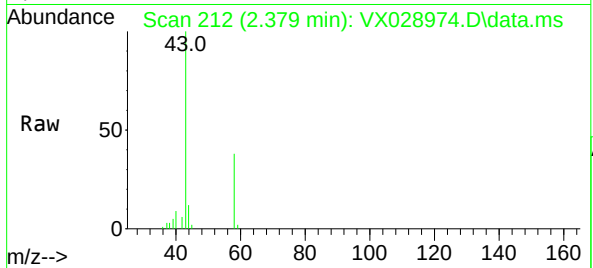




#16
Acetone
Concen: 3.377 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

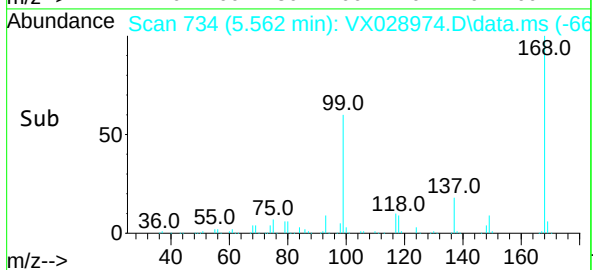
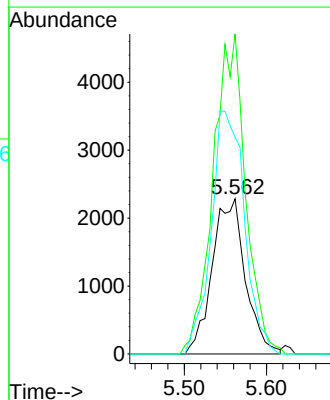
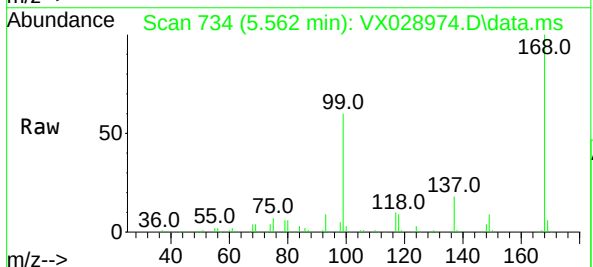
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

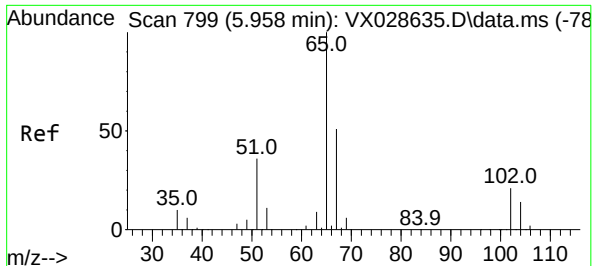
Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 56 Resp: 6409
Ion Ratio Lower Upper
56 100
69 206.2 26.7 40.1#
84 139.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.371 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028974.D

Acq: 26 May 2022 01:32

Instrument :

MSVOA_X

ClientSampleId :

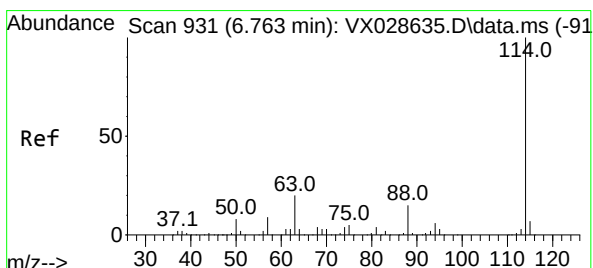
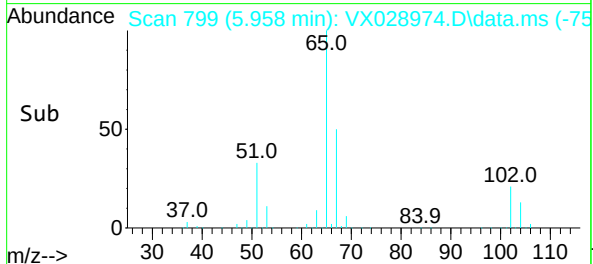
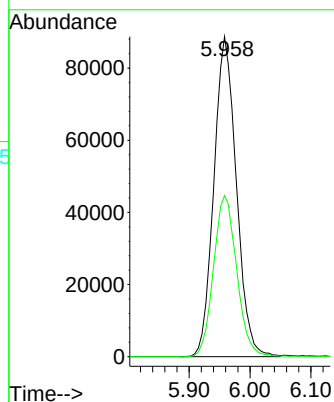
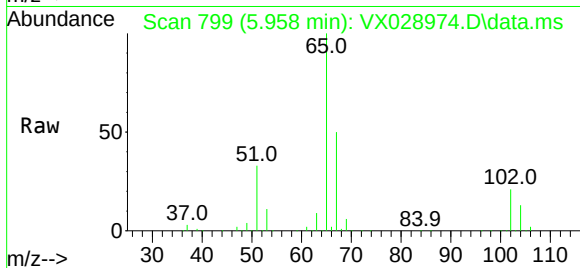
13S-20220523

Tgt Ion: 65 Resp: 227420

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028974.D

Acq: 26 May 2022 01:32

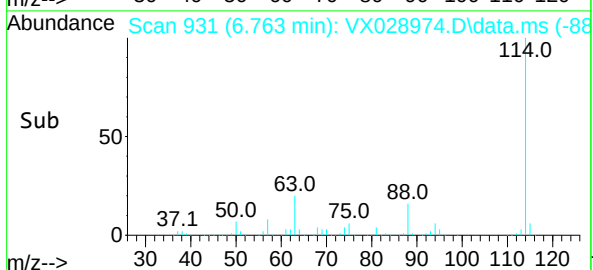
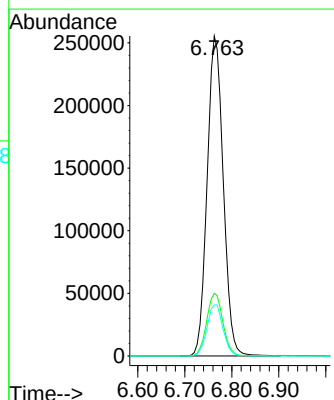
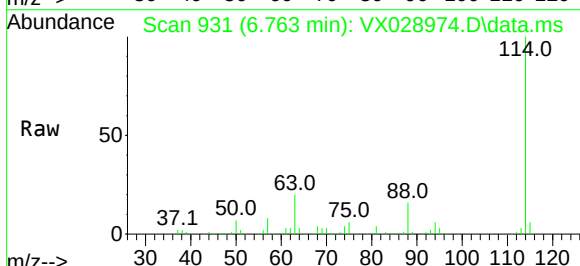
Tgt Ion: 114 Resp: 607306

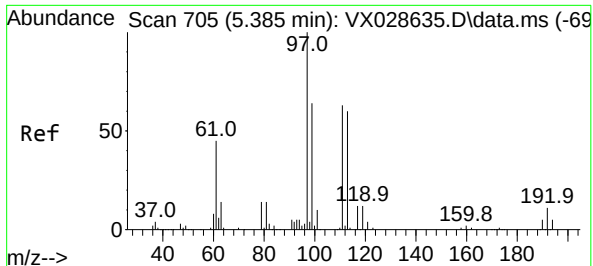
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.822 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028974.D

Acq: 26 May 2022 01:32

Instrument :

MSVOA_X

ClientSampleId :

13S-20220523

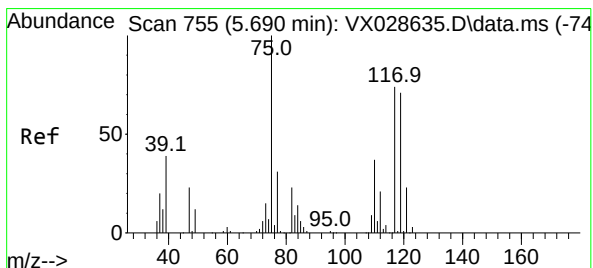
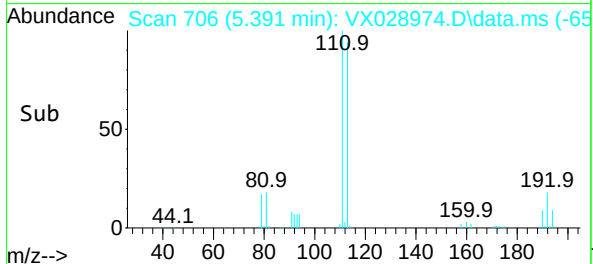
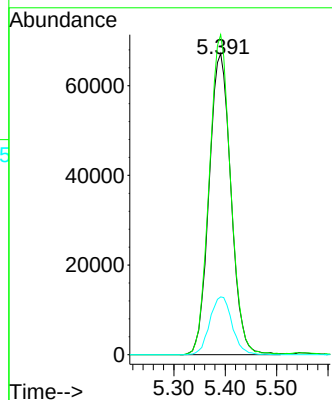
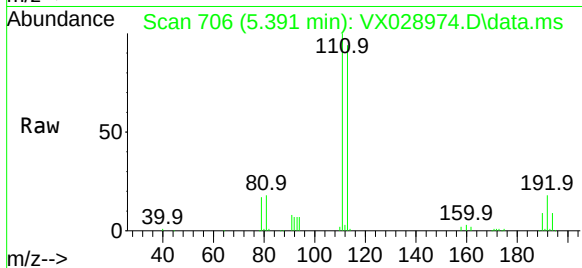
Tgt Ion:113 Resp: 198239

Ion Ratio Lower Upper

113 100

111 104.1 82.8 124.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.304 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028974.D

Acq: 26 May 2022 01:32

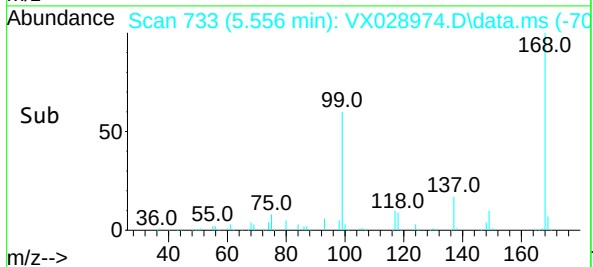
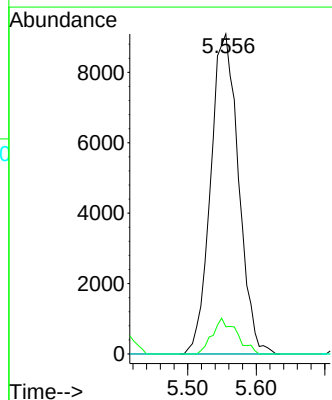
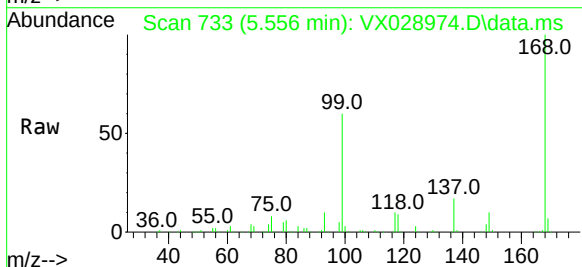
Tgt Ion: 75 Resp: 25722

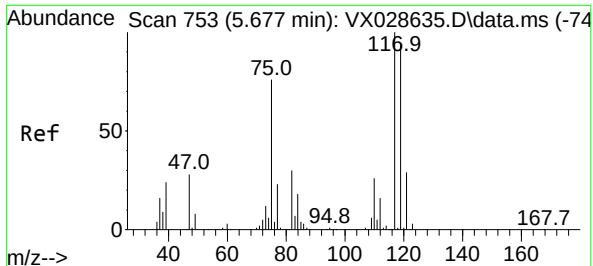
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

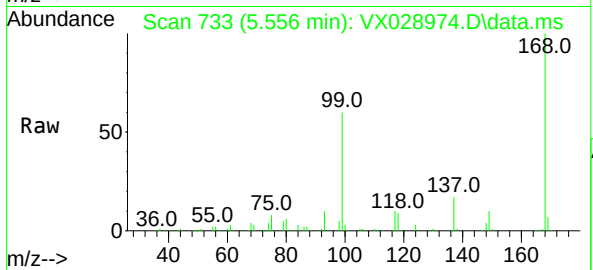
77 0.0 24.8 37.2#



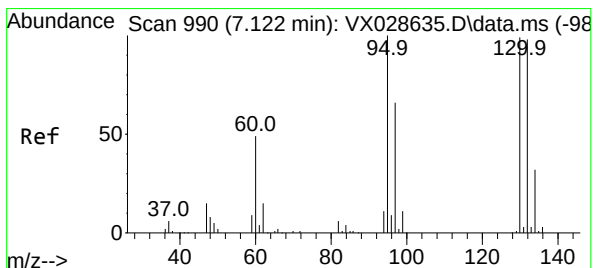
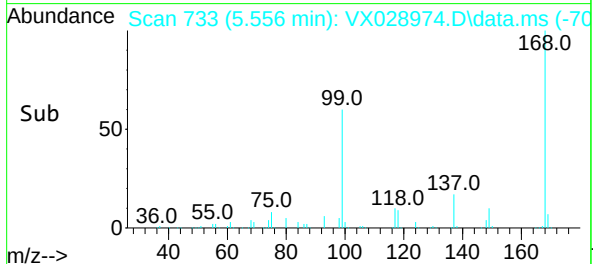
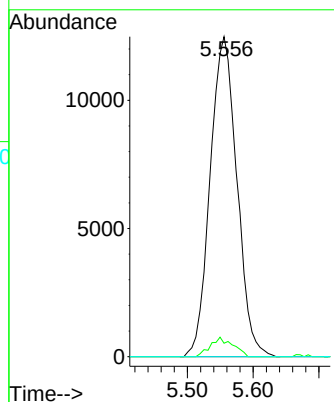


#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

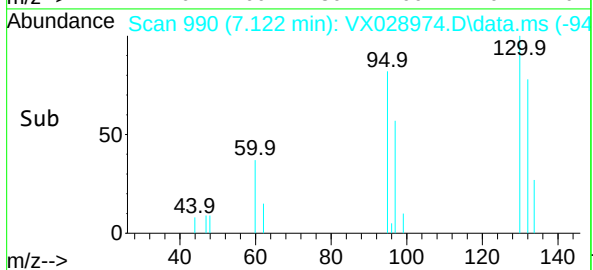
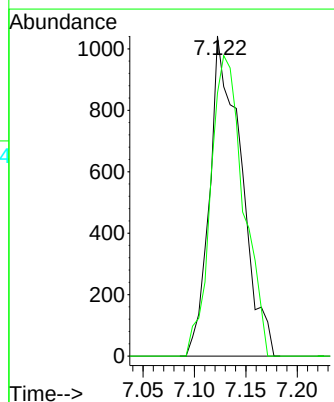
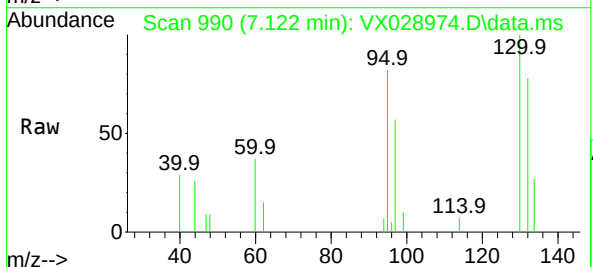


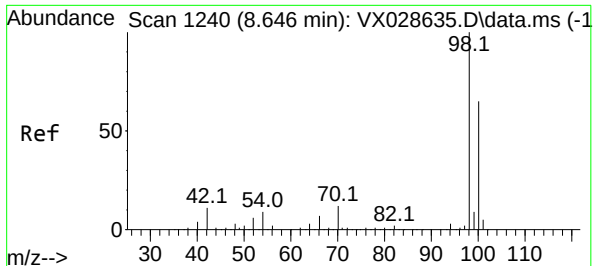
Tgt Ion:117 Resp: 35343
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.476 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion:130 Resp: 2216
Ion Ratio Lower Upper
130 100
95 82.1 0.0 188.8

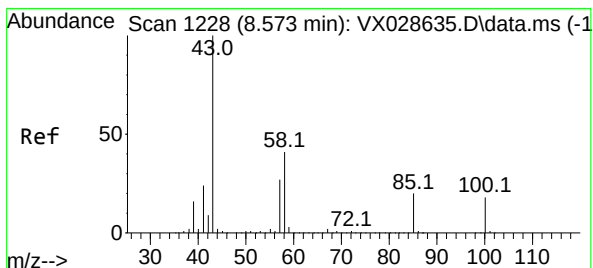
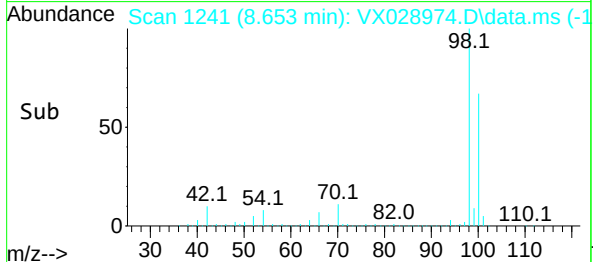
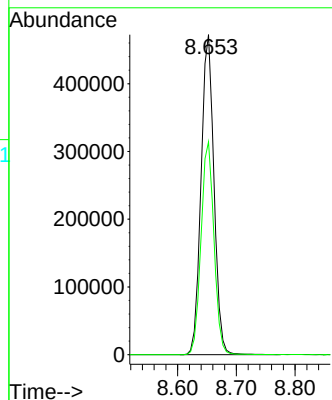
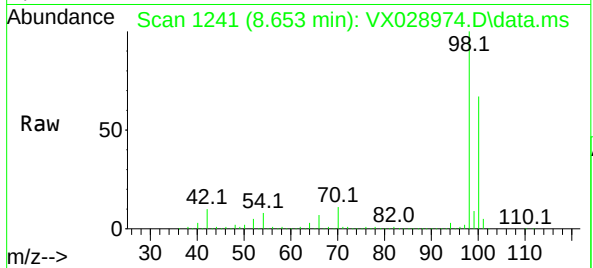




#50
Toluene-d8
Concen: 48.076 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

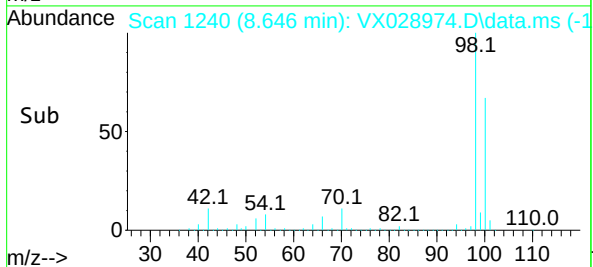
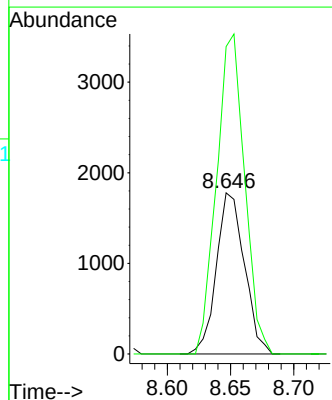
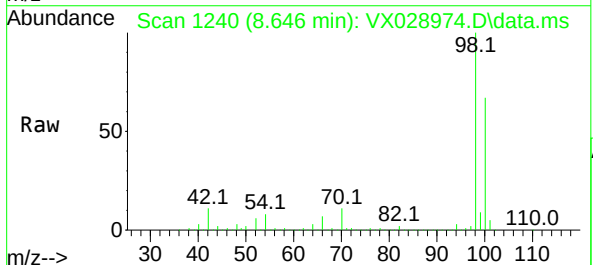
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

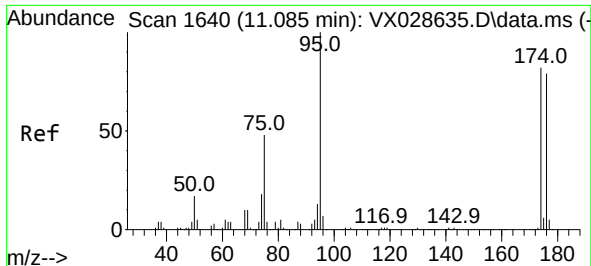
Tgt Ion: 98 Resp: 721207
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
58 199.4 36.1 54.1#

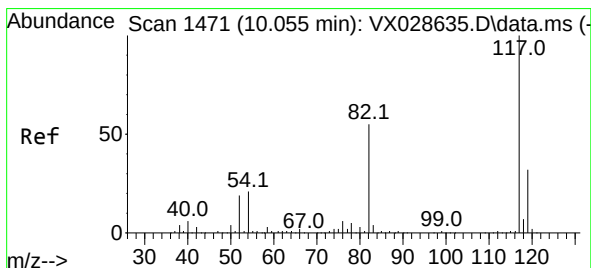
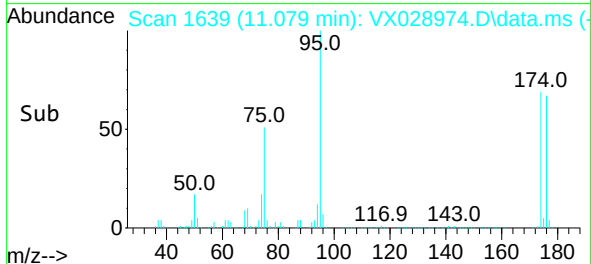
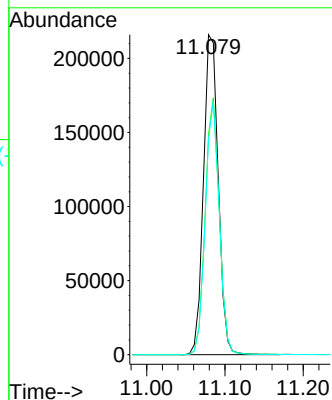
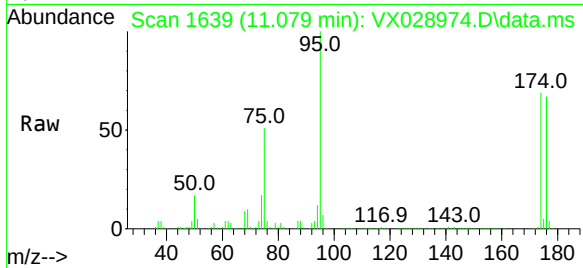




#62
4-Bromofluorobenzene
Concen: 50.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

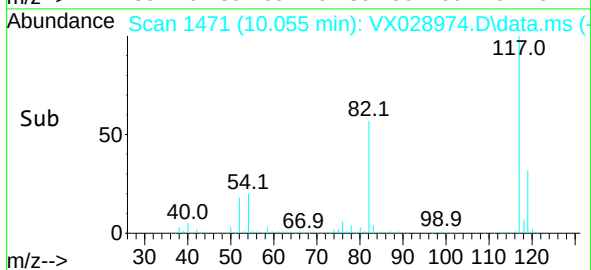
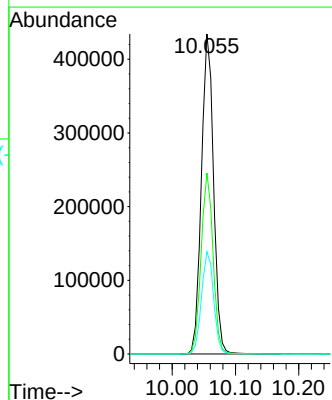
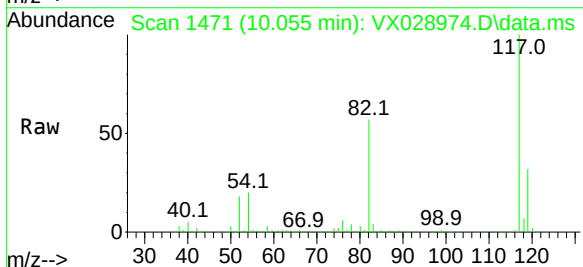
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

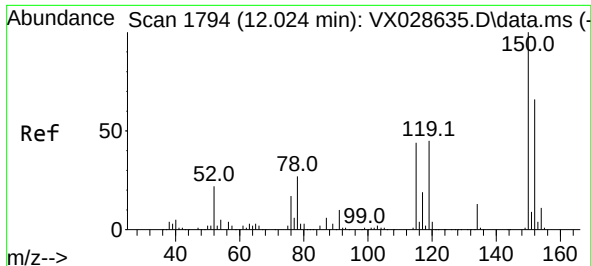
Tgt Ion: 95 Resp: 282836
Ion Ratio Lower Upper
95 100
174 76.5 0.0 163.0
176 75.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 117 Resp: 580921
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.0 24.8 37.2

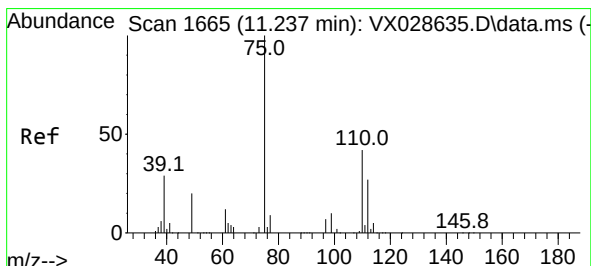
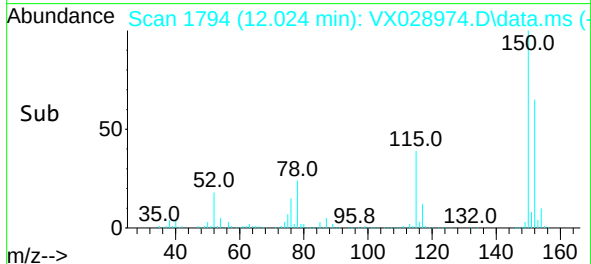
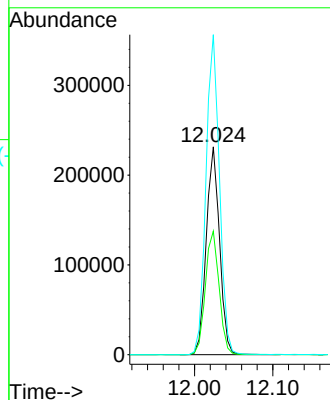
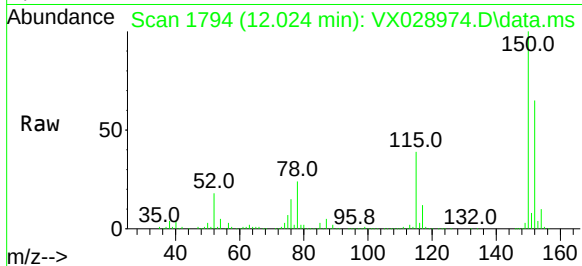




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

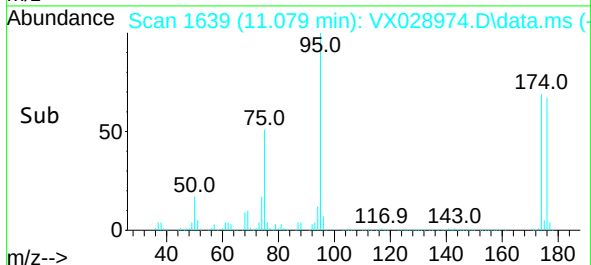
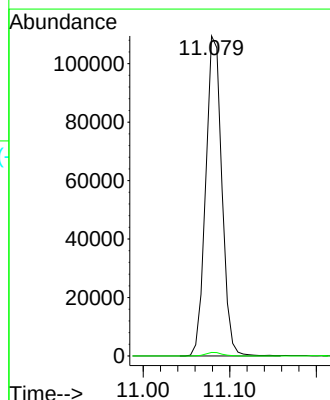
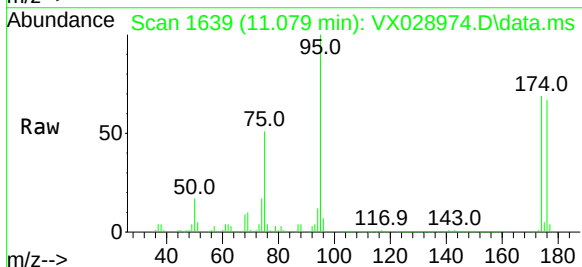
Instrument :
MSVOA_X
ClientSampleId :
13S-20220523

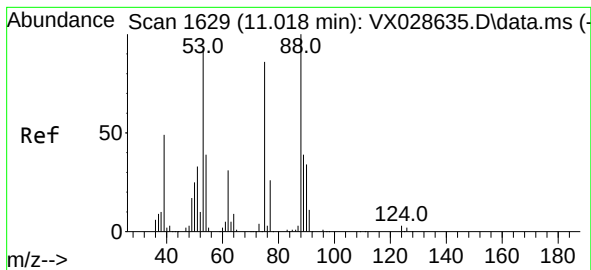
Tgt Ion:152 Resp: 272410
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 155.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028974.D
Acq: 26 May 2022 01:32

Tgt Ion: 75 Resp: 141616
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.967 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028974.D
 Acq: 26 May 2022 01:32

Instrument :
 MSVOA_X
 ClientSampleId :
 13S-20220523

Tgt Ion: 75 Resp: 141616
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

