

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028990.D
 Acq On : 26 May 2022 11:36
 Operator : JC/MD
 Sample : VX0526WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 07:31:25 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)

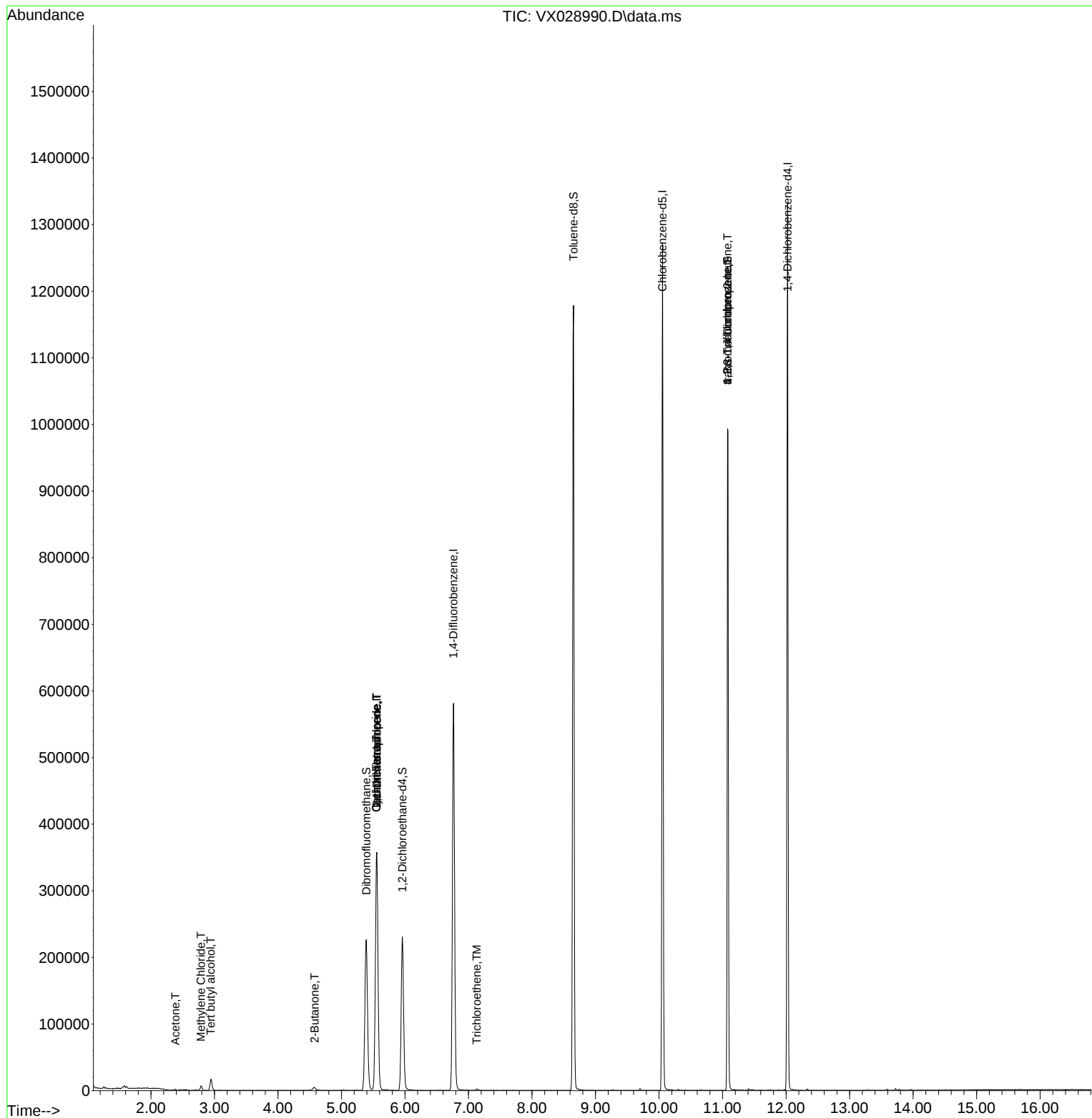
Internal Standards						
1) Pentafluorobenzene	5.555	168	342510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	607221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226366	48.214	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.420%
35) Dibromofluoromethane	5.391	113	202260	50.839	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.680%
50) Toluene-d8	8.652	98	717003	47.802	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	282477	50.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	1575	Below Cal		91
6) Chloroethane	1.696	64	484	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	9630	1.742	ug/l #	73
16) Acetone	2.385	43	1187	0.589	ug/l	92
20) Methylene Chloride	2.788	84	3255	0.770	ug/l #	92
25) 2-Butanone	4.574	43	688	0.218	ug/l #	44
31) Cyclohexane	5.549	56	6474	0.993	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	26320	4.405	ug/l #	50
38) Carbon Tetrachloride	5.549	117	35275	5.866	ug/l #	16
44) Trichloroethene	7.128	130	939	0.202	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	137915	21.673	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	137915	63.521	ug/l #	15

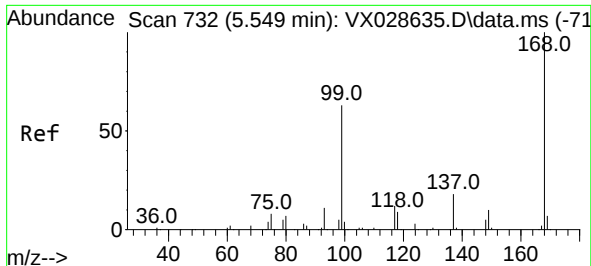
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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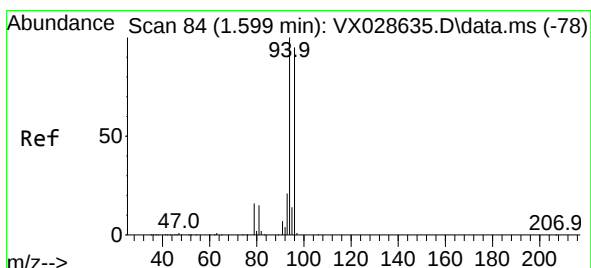
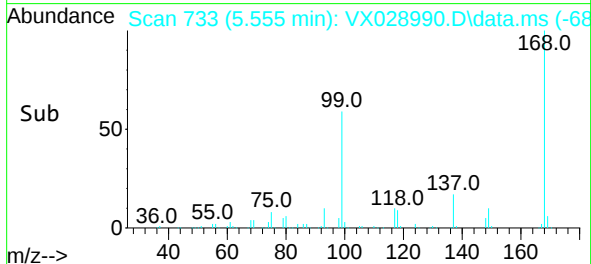
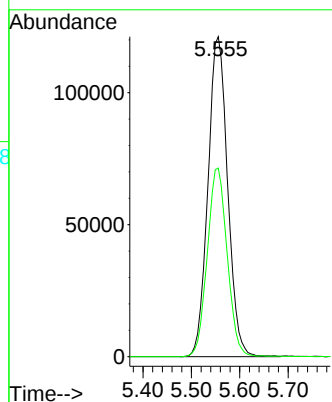
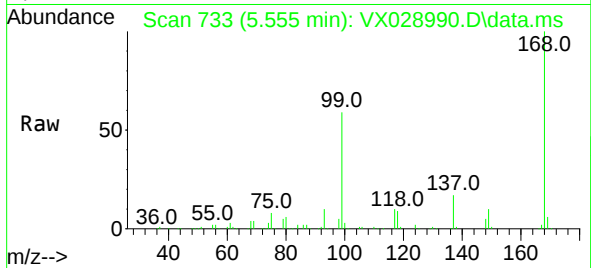




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

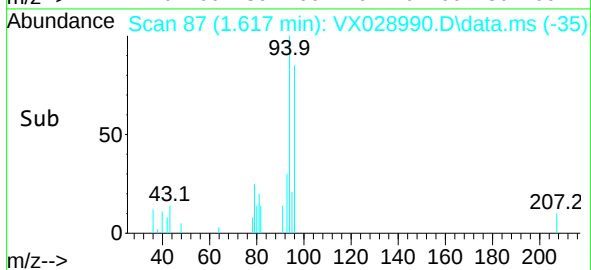
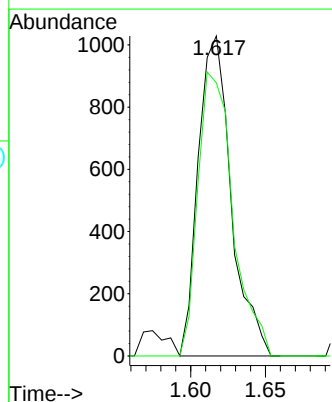
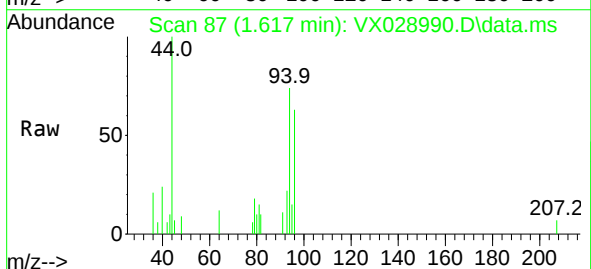
Instrument :
MSVOA_X
ClientSampleId :

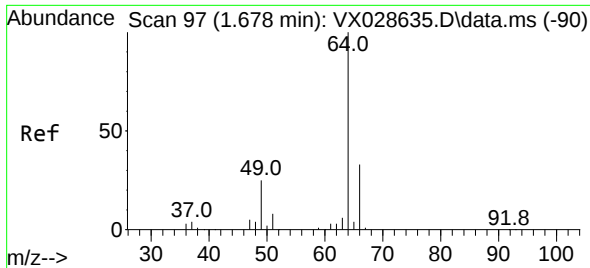
Tgt Ion:168 Resp: 342510
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 94 Resp: 1575
Ion Ratio Lower Upper
94 100
96 85.3 75.3 112.9

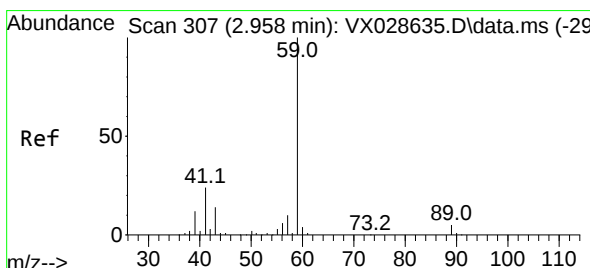
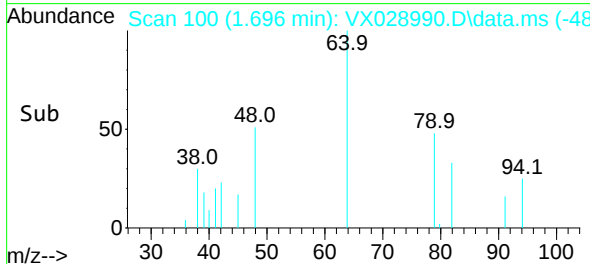
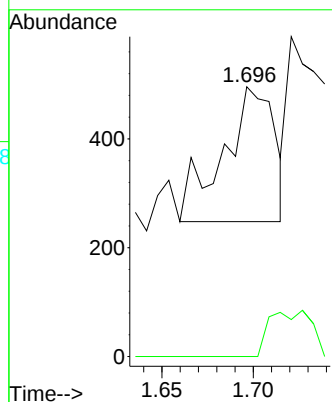
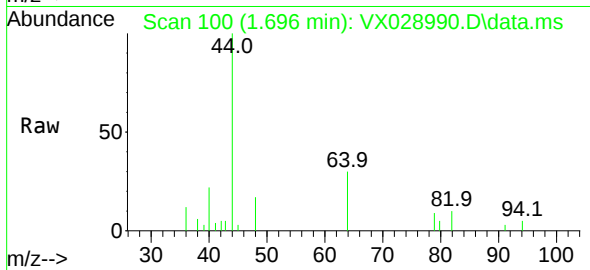




#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

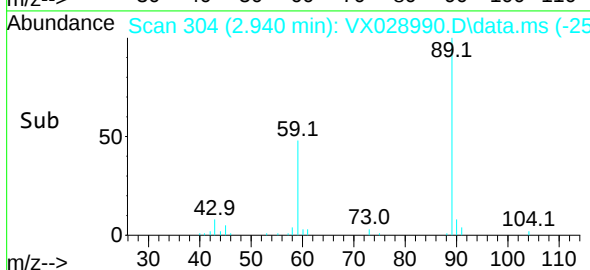
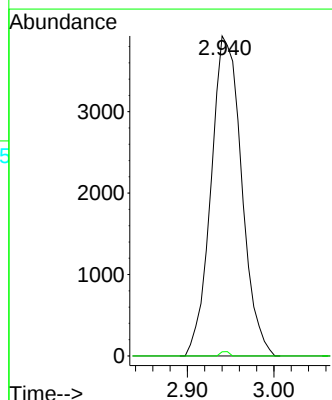
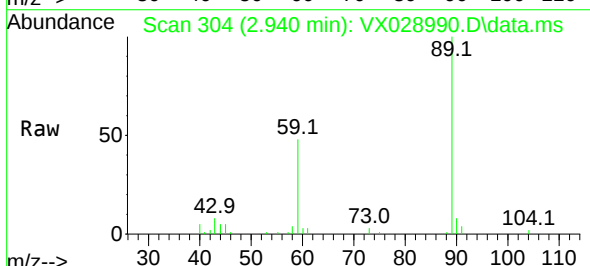
Instrument :
MSVOA_X
ClientSampleId :

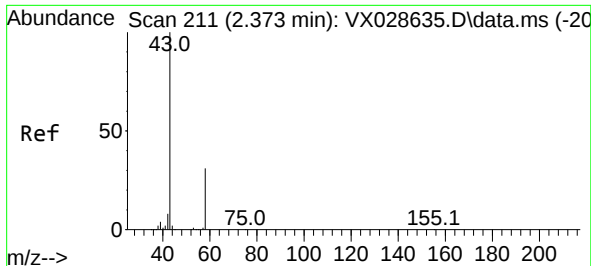
Tgt Ion: 64 Resp: 484
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 1.742 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 59 Resp: 9630
Ion Ratio Lower Upper
59 100
57 0.4 8.3 12.5#

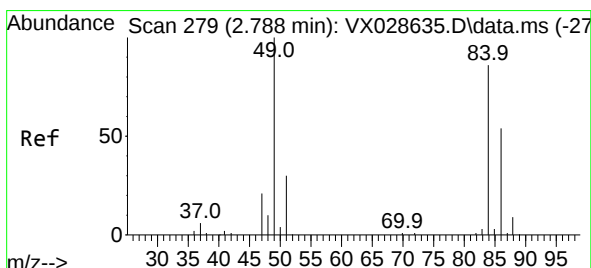
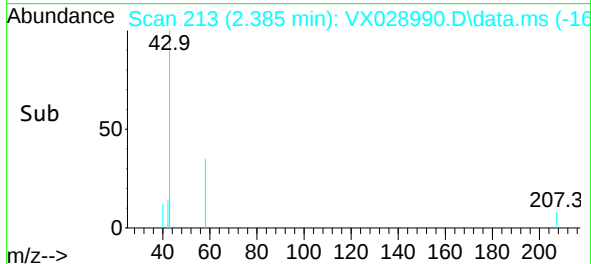
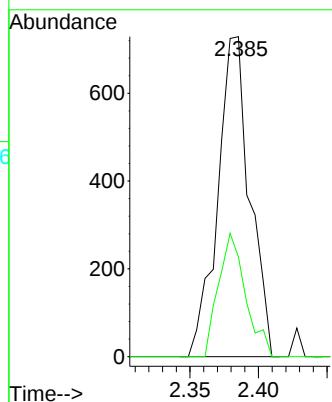
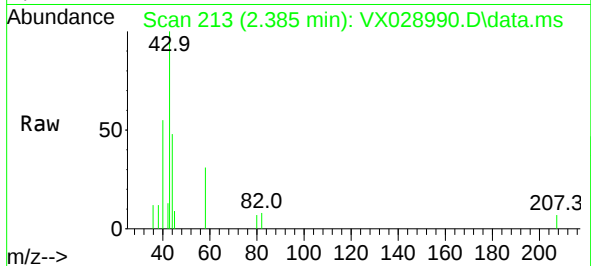




#16
Acetone
Concen: 0.589 ug/l
RT: 2.385 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

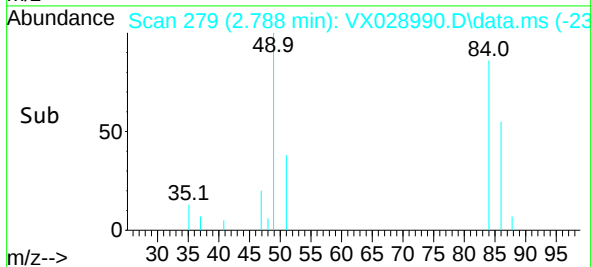
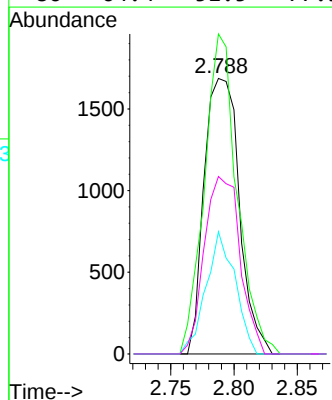
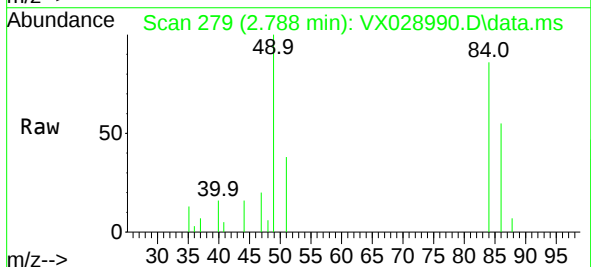
Instrument :
MSVOA_X
ClientSampleId :

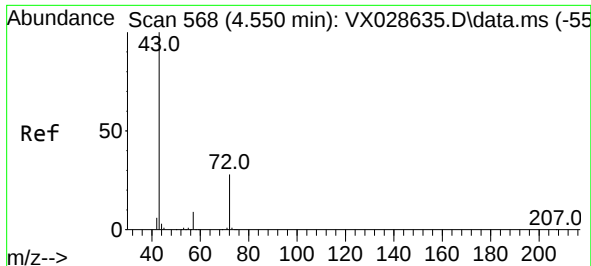
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.770 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 84 Resp: 3255
Ion Ratio Lower Upper
84 100
49 116.1 85.5 128.3
51 44.3 26.6 39.8#
86 64.4 51.5 77.3

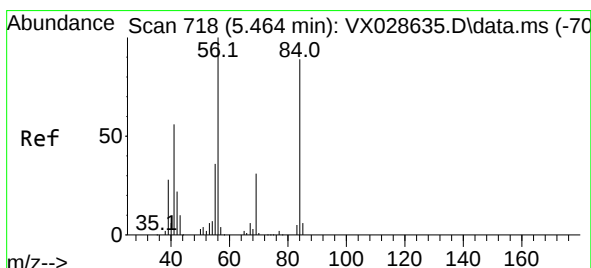
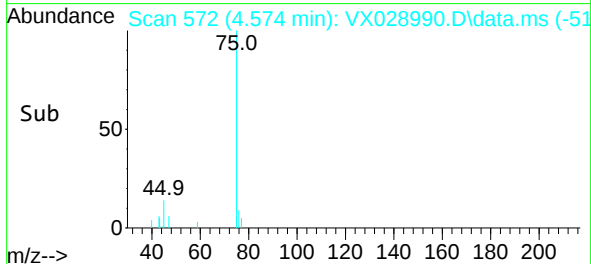
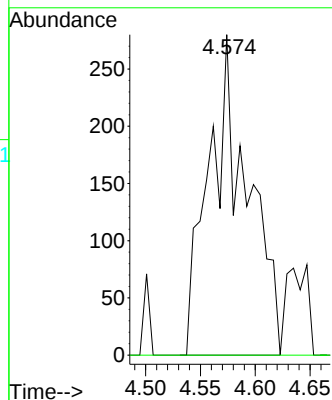
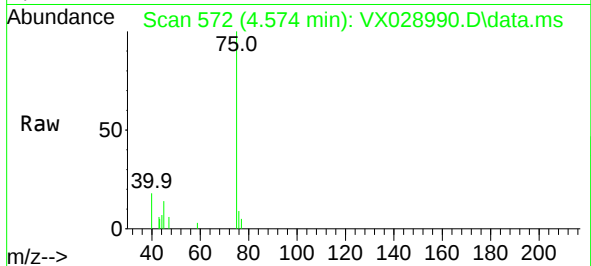




#25
2-Butanone
Concen: 0.218 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

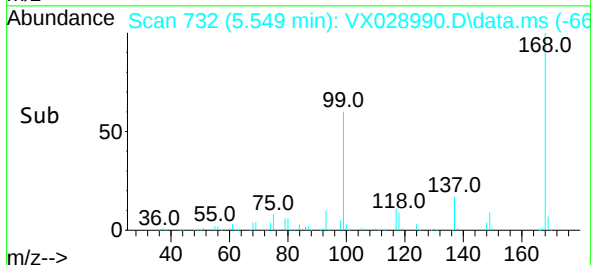
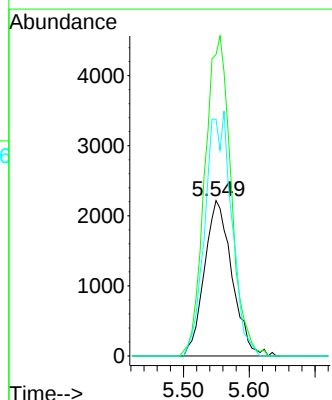
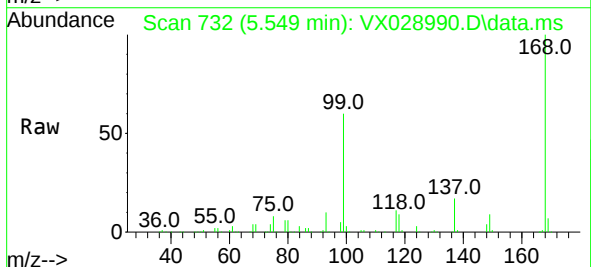
Instrument :
MSVOA_X
ClientSampleId :

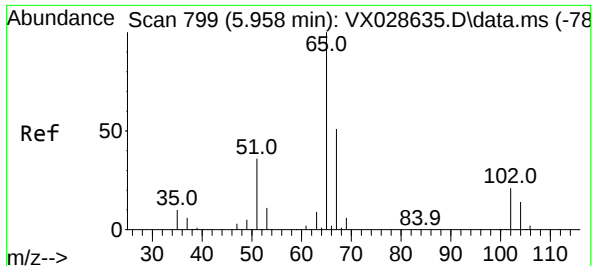
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 56 Resp: 6474
Ion Ratio Lower Upper
56 100
69 194.1 26.7 40.1#
84 152.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028990.D

Acq: 26 May 2022 11:36

Instrument :

MSVOA_X

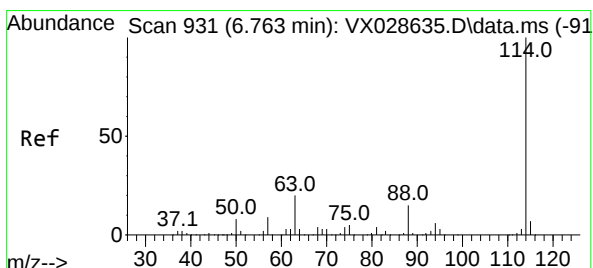
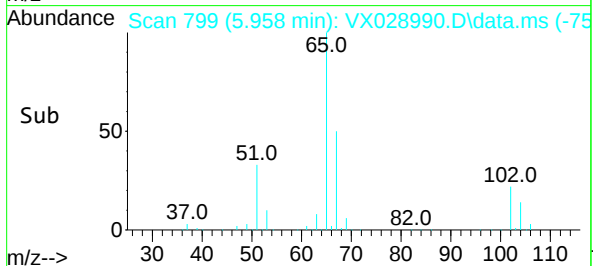
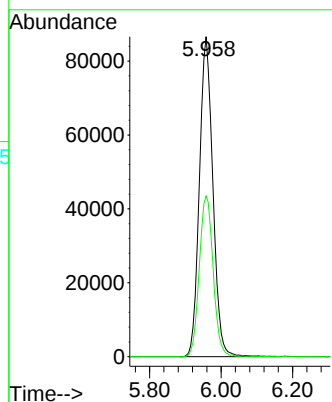
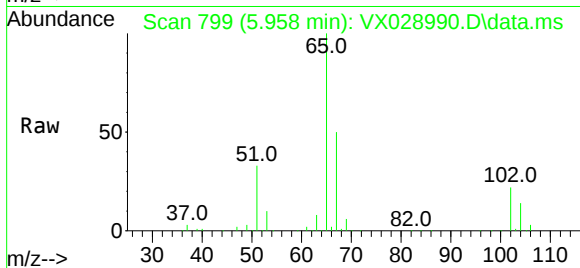
ClientSampleId :

Tgt Ion: 65 Resp: 226366

Ion Ratio Lower Upper

65 100

67 51.6 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: VX028990.D

Acq: 26 May 2022 11:36

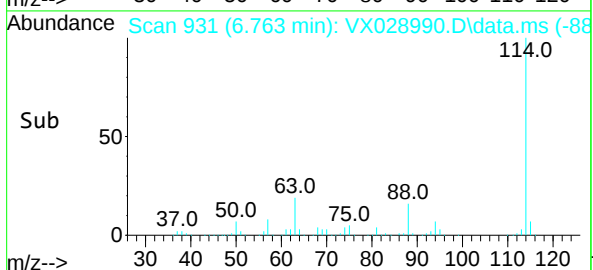
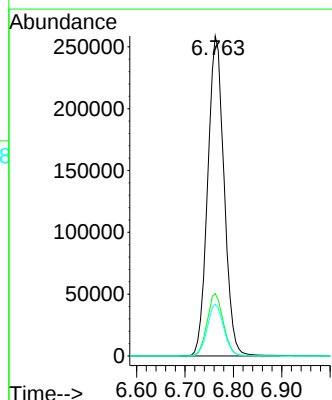
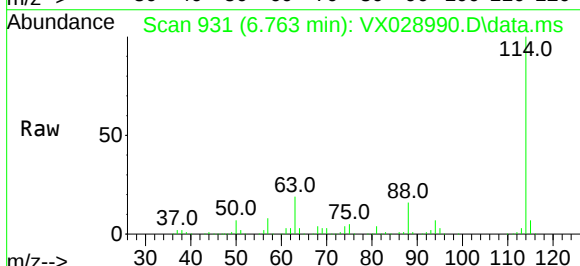
Tgt Ion: 114 Resp: 607221

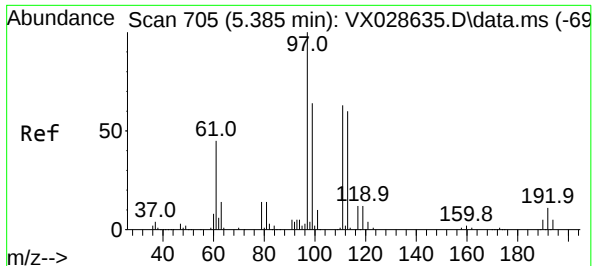
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.839 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

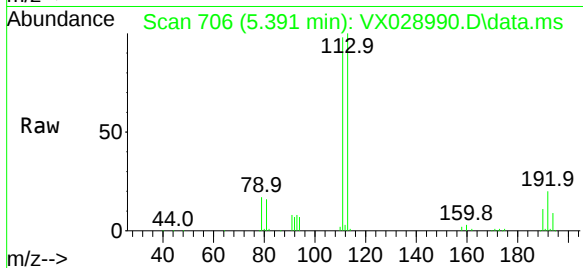
Lab File: VX028990.D

Acq: 26 May 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :



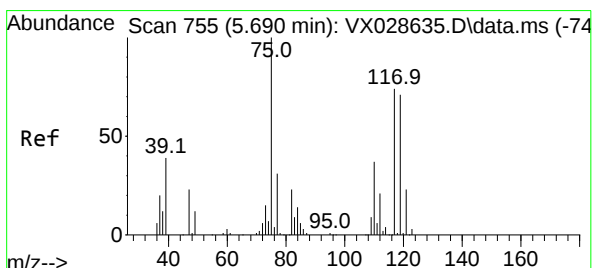
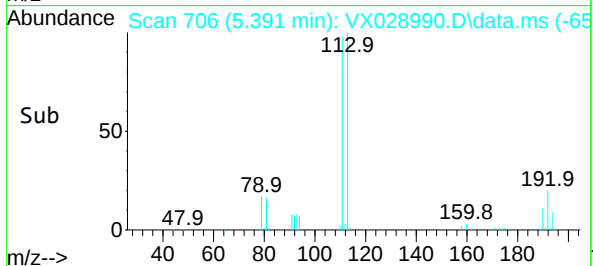
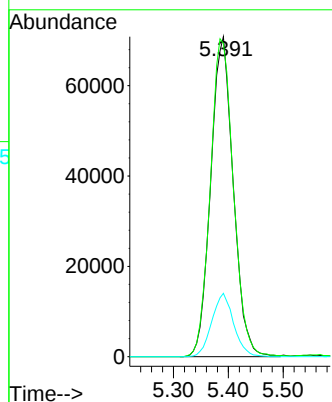
Tgt Ion:113 Resp: 202260

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.135 min

Lab File: VX028990.D

Acq: 26 May 2022 11:36

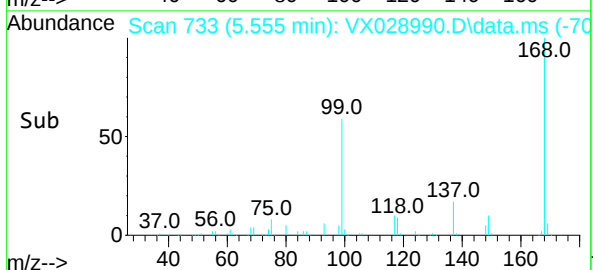
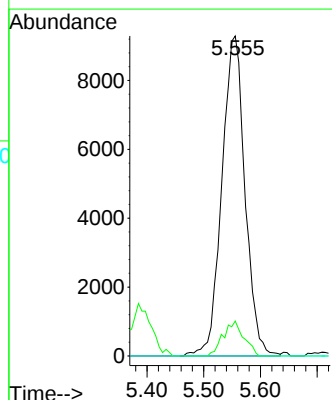
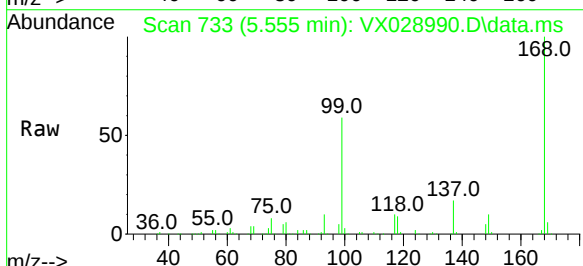
Tgt Ion: 75 Resp: 26320

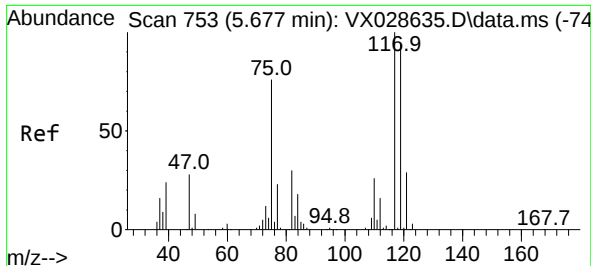
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

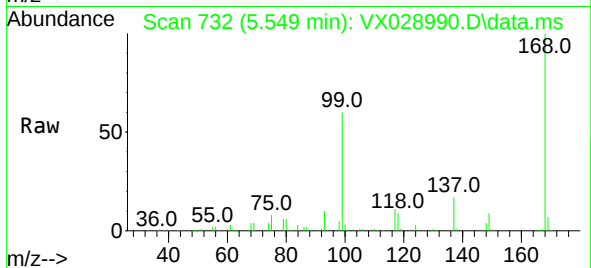
77 0.0 24.8 37.2#



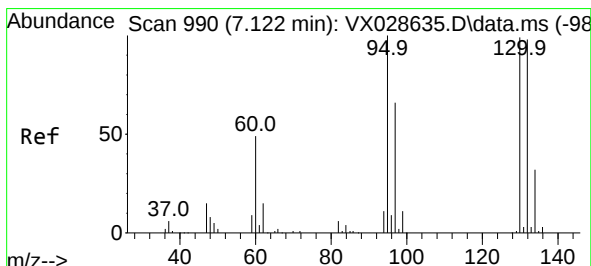
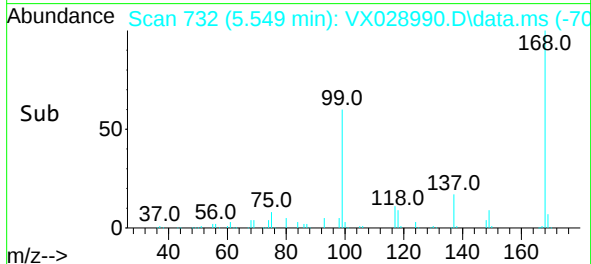
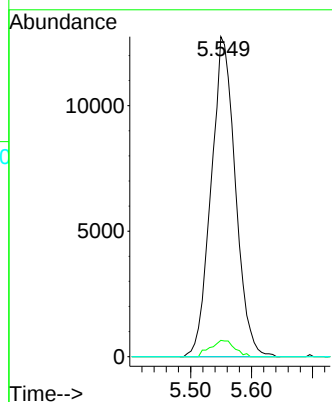


#38
Carbon Tetrachloride
Concen: 5.866 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :

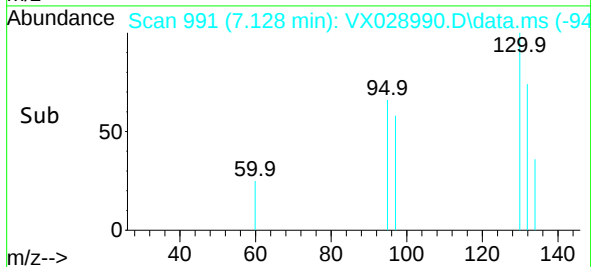
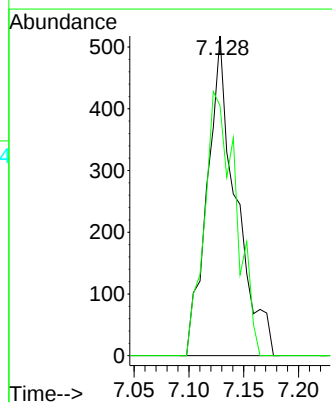
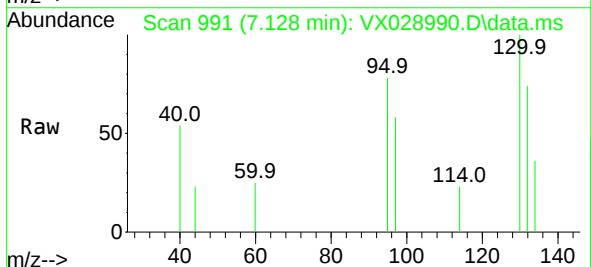


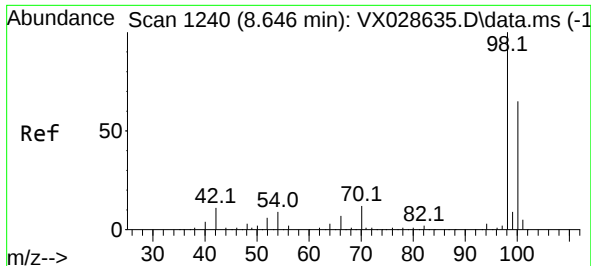
Tgt Ion:117 Resp: 35275
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.202 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion:130 Resp: 939
Ion Ratio Lower Upper
130 100
95 78.2 0.0 188.8

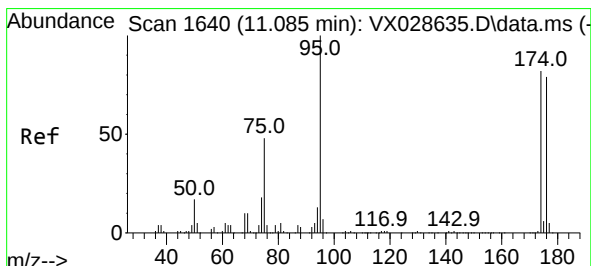
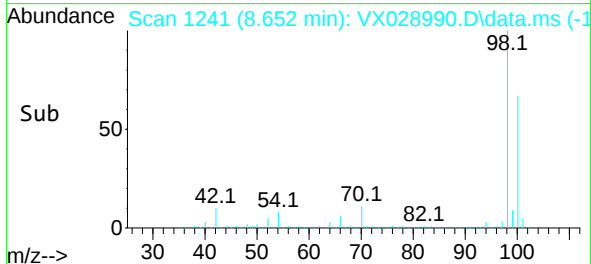
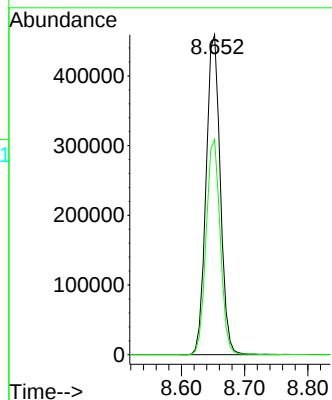
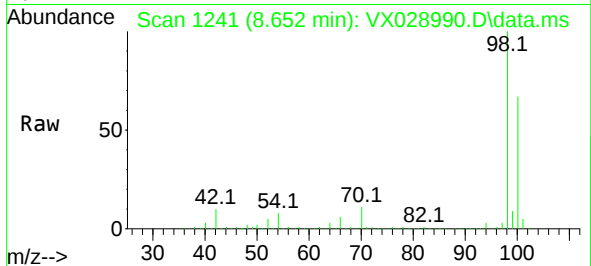




#50
Toluene-d8
Concen: 47.802 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

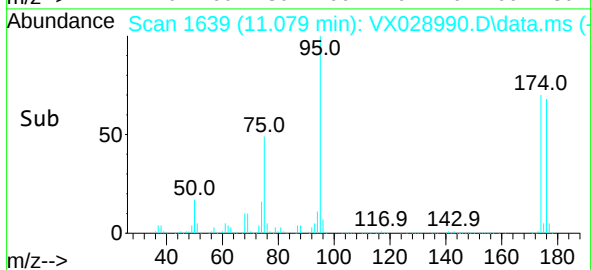
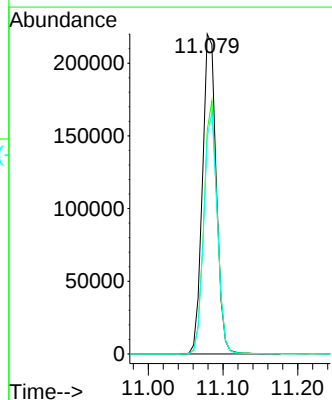
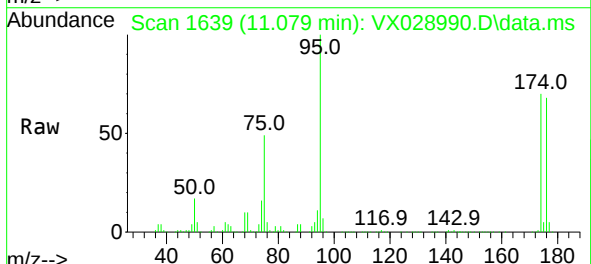
Instrument :
MSVOA_X
ClientSampleId :

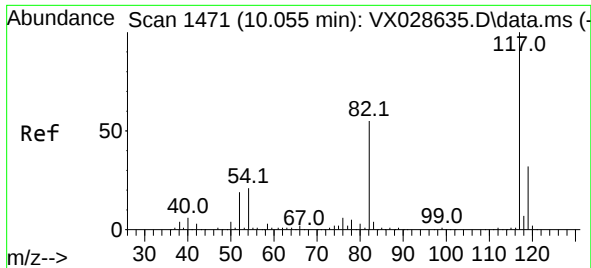
Tgt Ion: 98 Resp: 717003
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.421 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 95 Resp: 282477
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 74.2 0.0 155.0

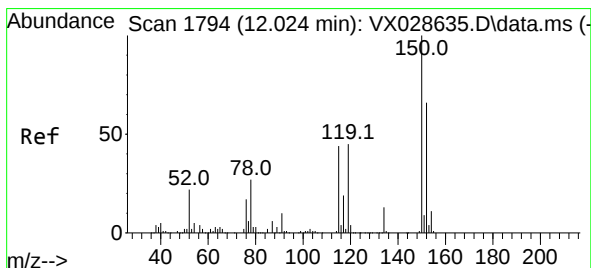
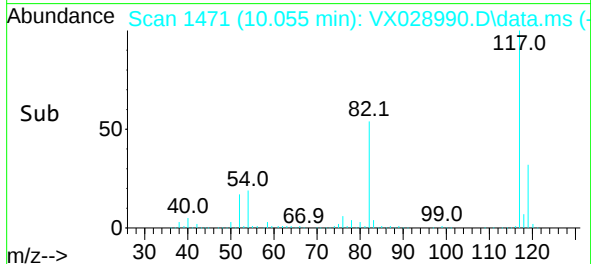
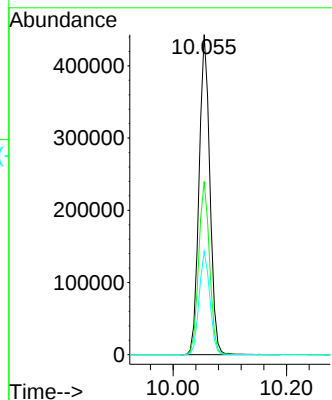
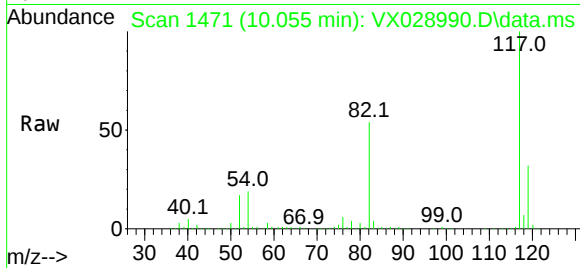




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

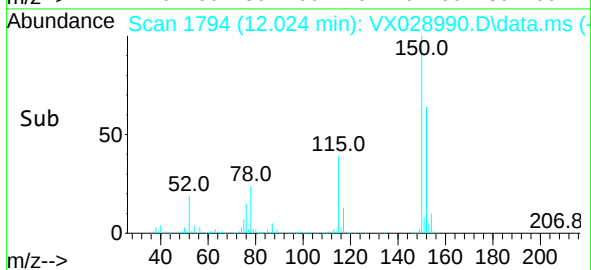
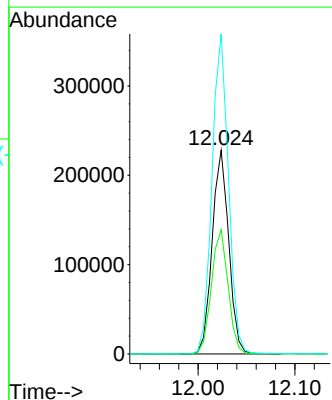
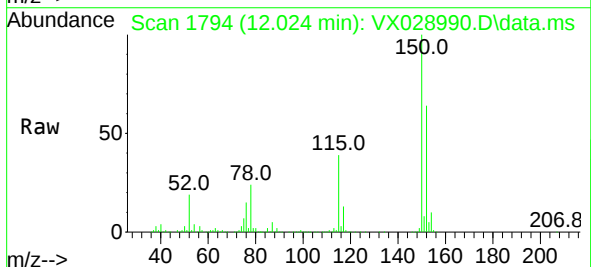
Instrument :
MSVOA_X
ClientSampleId :

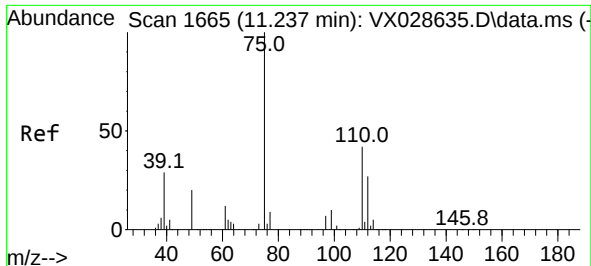
Tgt Ion:117 Resp: 584933
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion:152 Resp: 271724
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.1 0.0 338.2

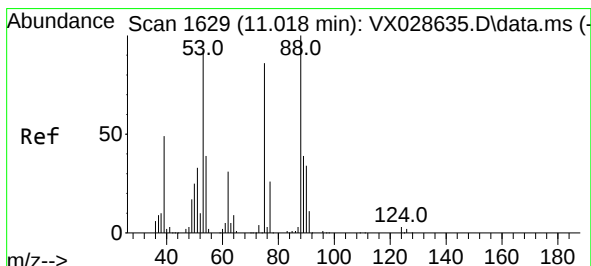
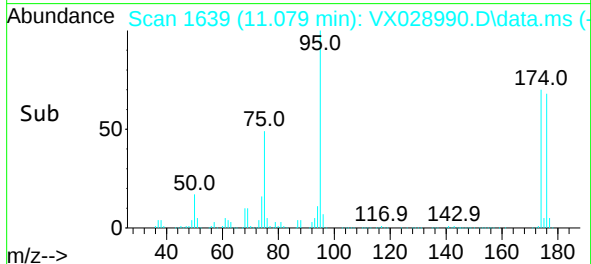
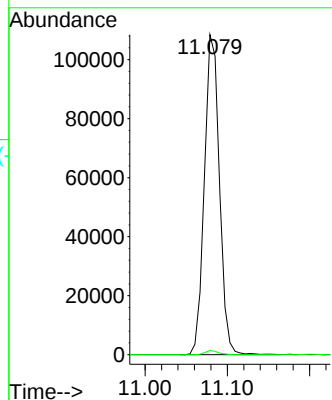
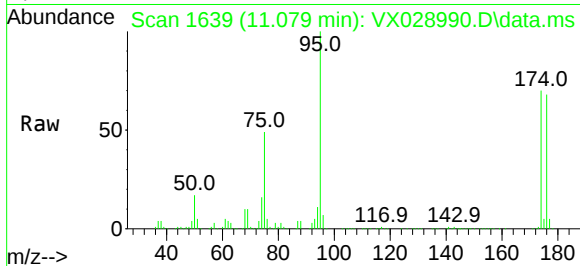




#76
1,2,3-Trichloropropane
Concen: 21.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 137915
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028990.D
Acq: 26 May 2022 11:36

Tgt Ion: 75 Resp: 137915
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

