

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039449.D
 Acq On : 22 Dec 2023 18:44
 Operator : JC/MD
 Sample : 05975-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

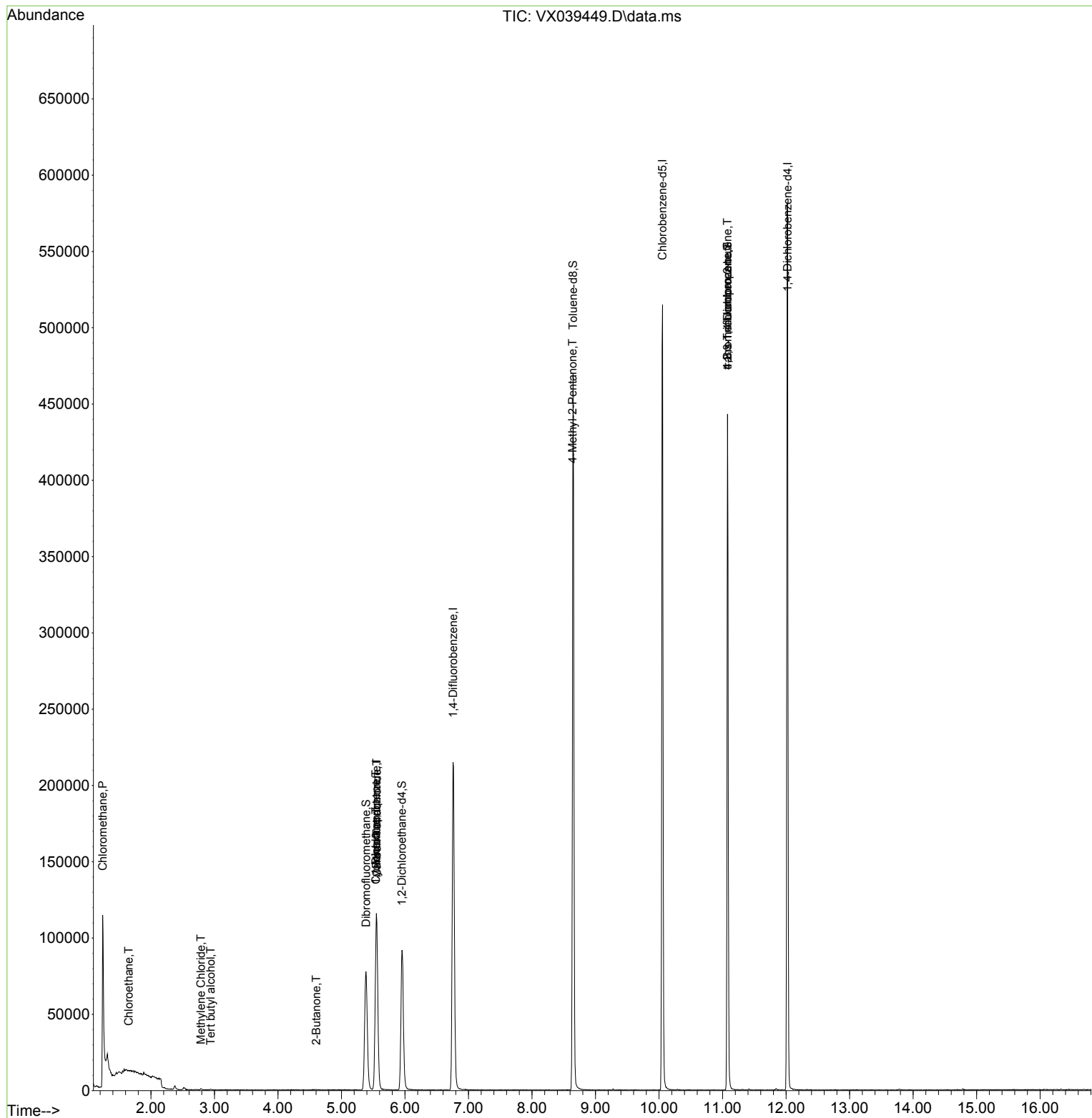
Internal Standards						
1) Pentafluorobenzene	5.550	168	96994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90536	50.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.900%
35) Dibromofluoromethane	5.385	113	69259	48.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	8.647	98	268929	50.222	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.440%
62) 4-Bromofluorobenzene	11.079	95	118556	53.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.320%
Target Compounds						
						Qvalue
3) Chloromethane	1.239	50	2699	1.786	ug/l #	43
6) Chloroethane	1.648	64	1008	1.190	ug/l #	43
11) Tert butyl alcohol	2.940	59	349	0.782	ug/l #	78
16) Acetone	2.379	43	2677	Below Cal		96
20) Methylene Chloride	2.788	84	325	0.219	ug/l #	77
25) 2-Butanone	4.605	43	463	0.302	ug/l #	51
31) Cyclohexane	5.543	56	2656	1.157	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	9647	4.238	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11513	5.300	ug/l #	15
51) 4-Methyl-2-Pentanone	8.640	43	1263	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66012	23.491	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	66012	66.268	ug/l #	5

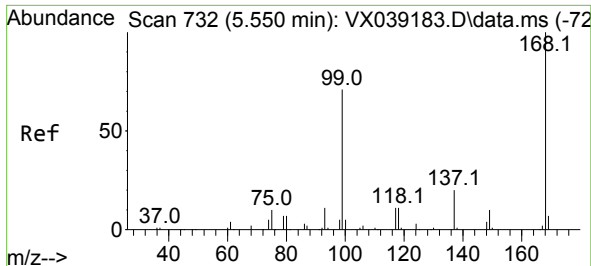
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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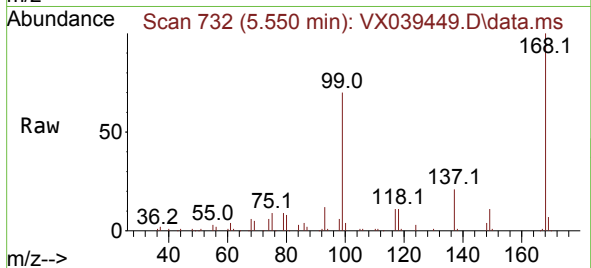
Quant Time: Dec 23 06:29:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



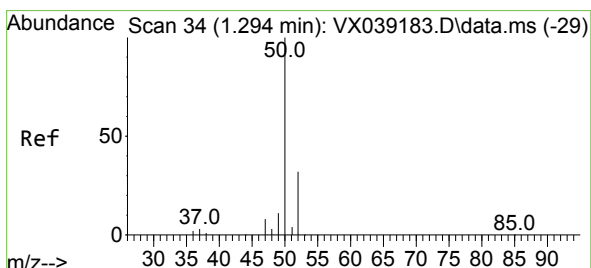
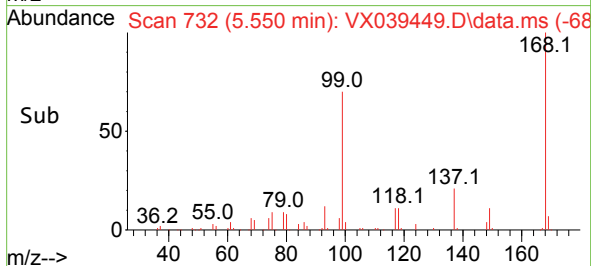
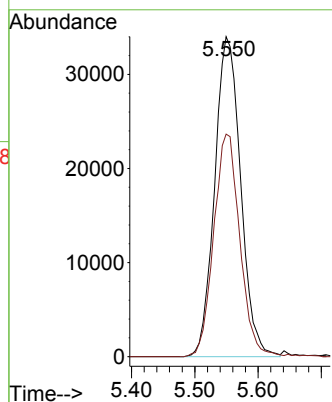


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :

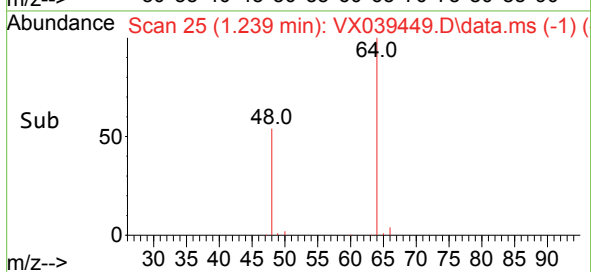
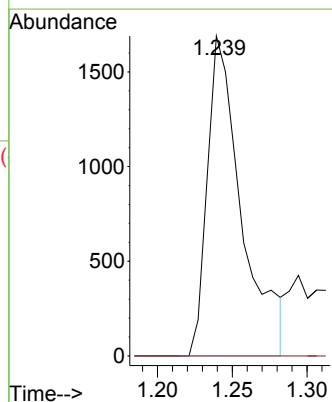
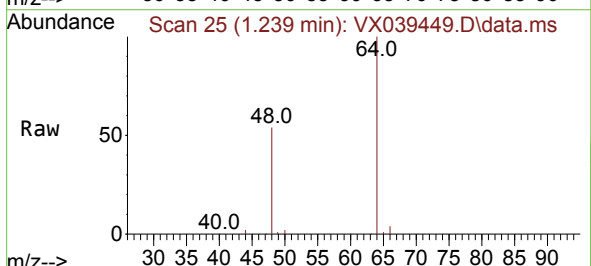


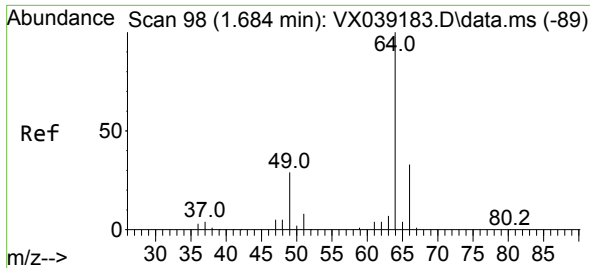
Tgt Ion:168 Resp: 96994
Ion Ratio Lower Upper
168 100
99 69.6 56.6 85.0



#3
Chloromethane
Concen: 1.786 ug/l
RT: 1.239 min Scan# 25
Delta R.T. -0.055 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 50 Resp: 2699
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

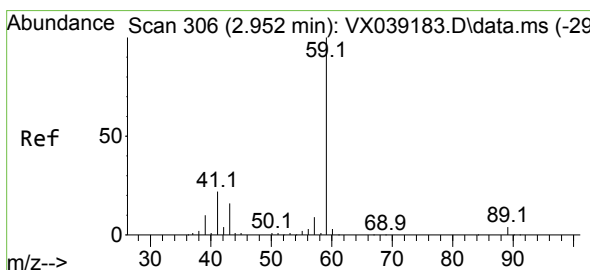
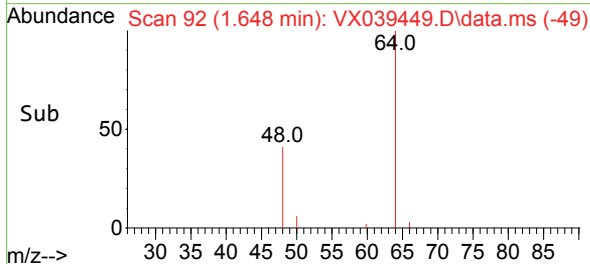
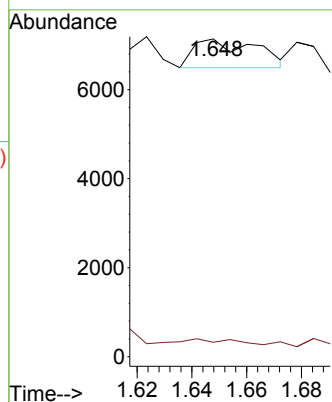
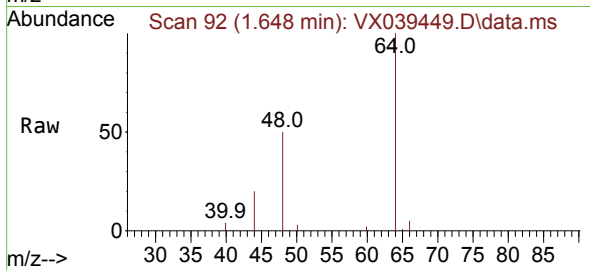




#6
Chloroethane
Concen: 1.190 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

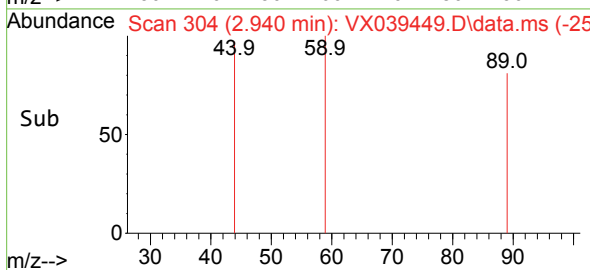
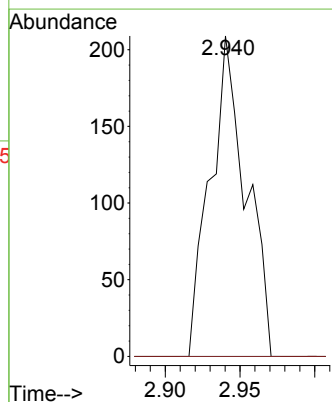
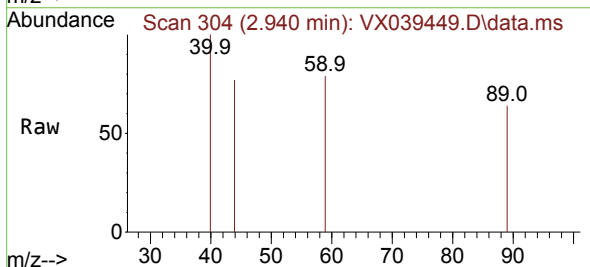
Instrument :
MSVOA_X
ClientSampleId :

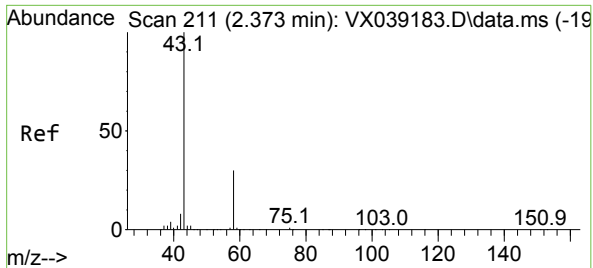
Tgt Ion: 64 Resp: 1008
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.782 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 59 Resp: 349
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

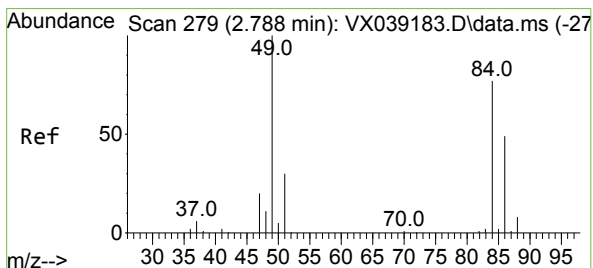
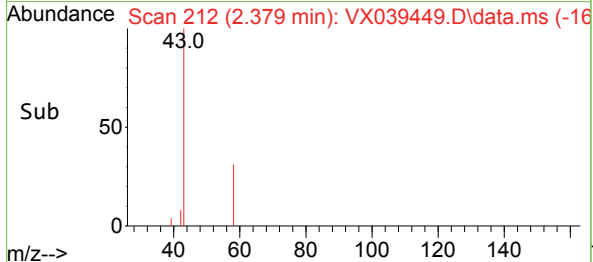
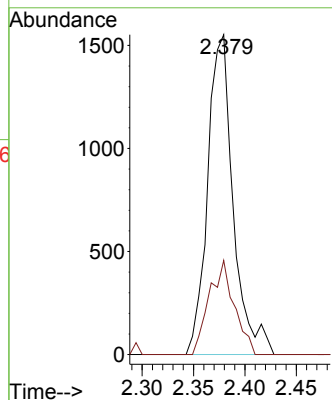
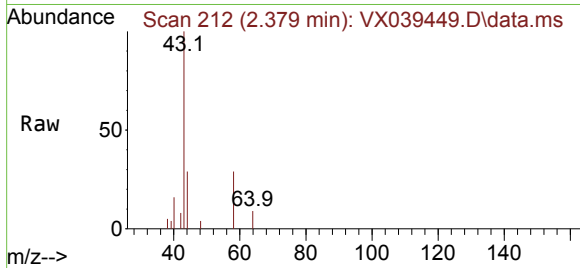




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

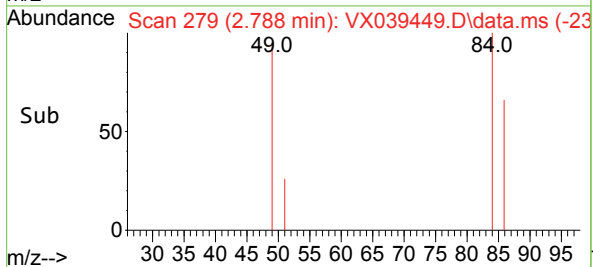
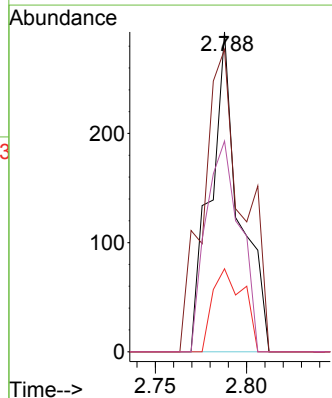
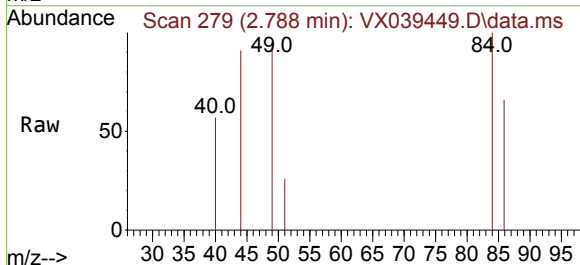
Instrument :
MSVOA_X
ClientSampleId :

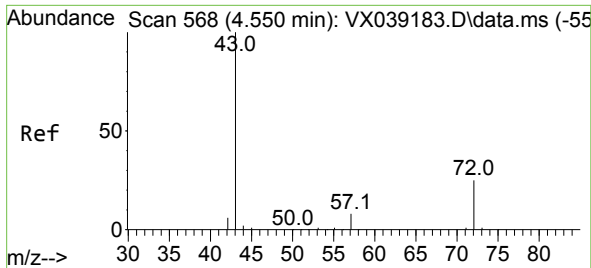
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 84 Resp: 325
Ion Ratio Lower Upper
84 100
49 94.5 103.6 155.4#
51 25.9 33.8 50.6#
86 65.9 49.4 74.0

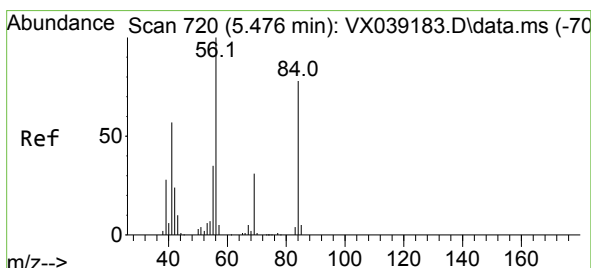
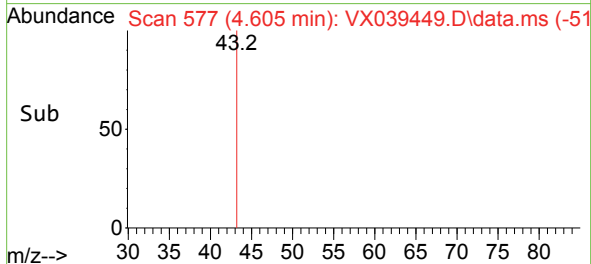
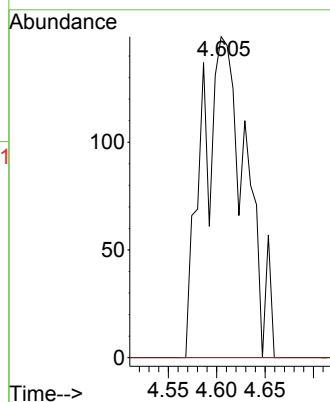
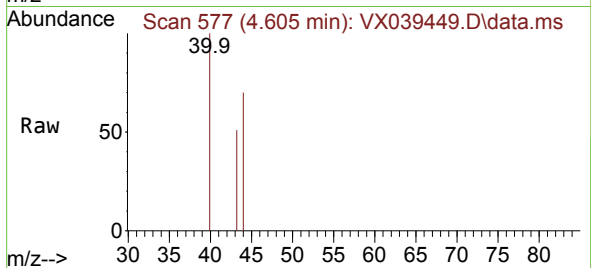




#25
2-Butanone
Concen: 0.302 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

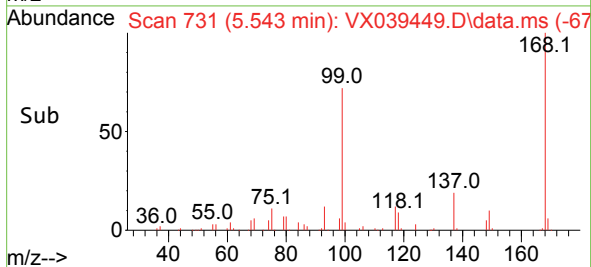
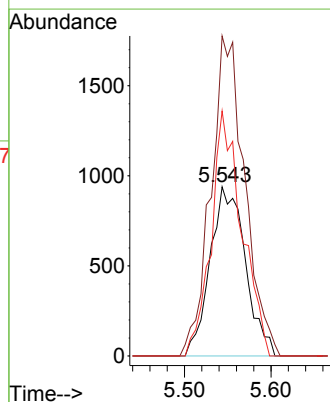
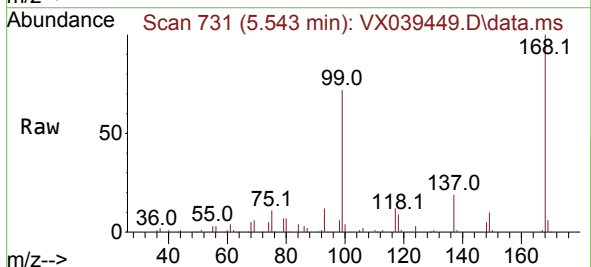
Instrument :
MSVOA_X
ClientSampleId :

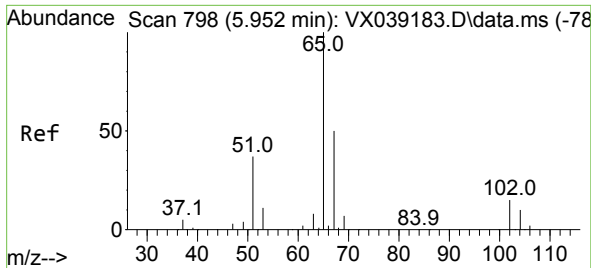
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 56 Resp: 2656
Ion Ratio Lower Upper
56 100
69 189.1 23.4 35.2#
84 144.8 65.9 98.9#

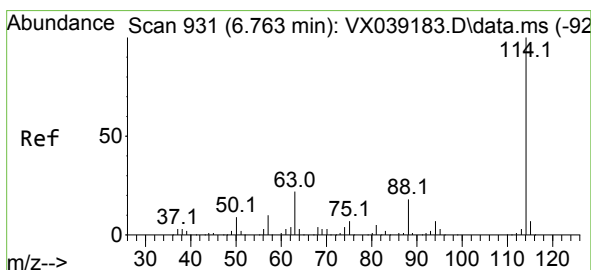
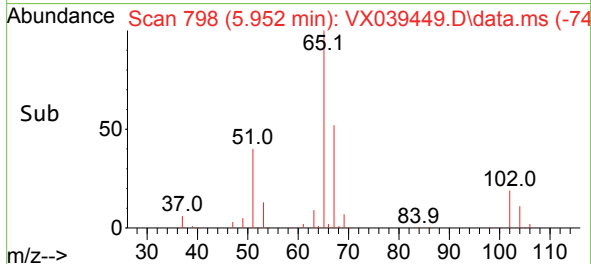
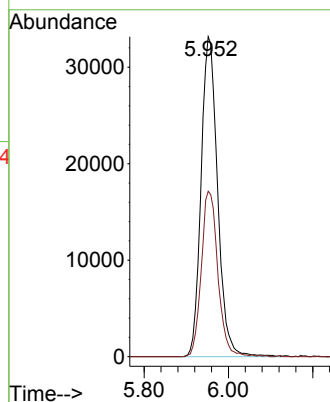
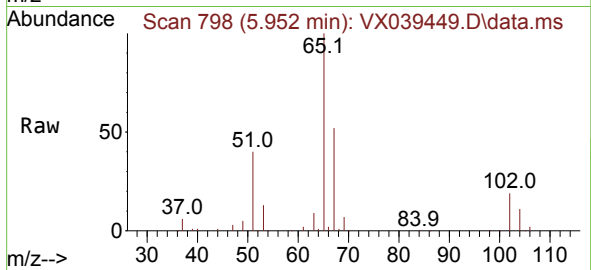




#33
 1,2-Dichloroethane-d4
 Concen: 50.953 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039449.D
 Acq: 22 Dec 2023 18:44

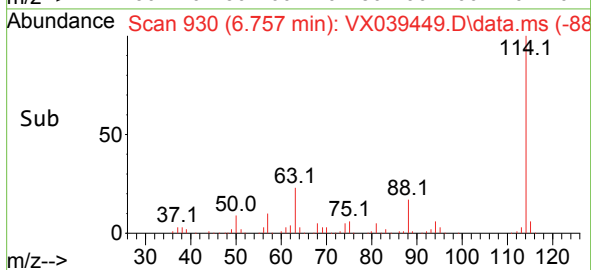
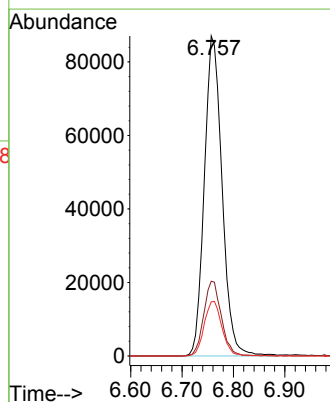
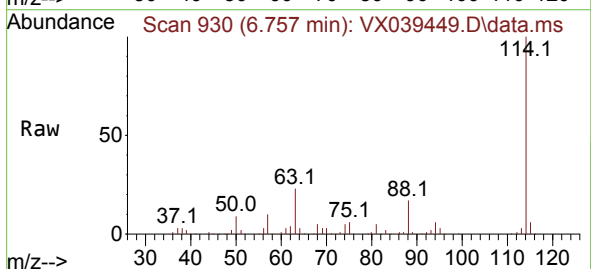
Instrument :
 MSVOA_X
 ClientSampleId :

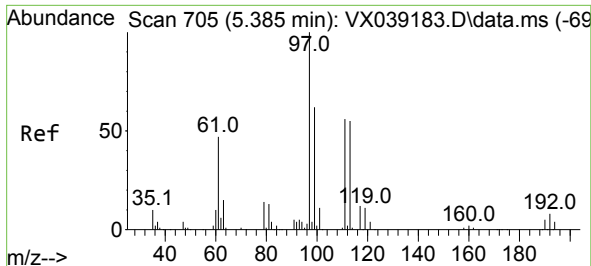
Tgt Ion: 65 Resp: 90536
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039449.D
 Acq: 22 Dec 2023 18:44

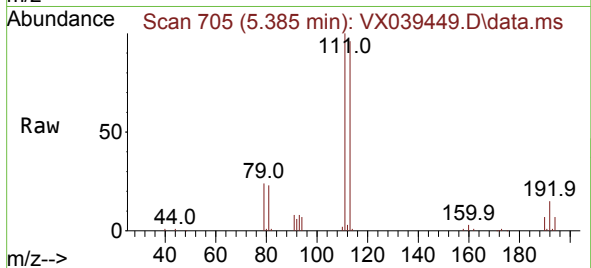
Tgt Ion: 114 Resp: 208782
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.0
 88 16.9 0.0 36.6



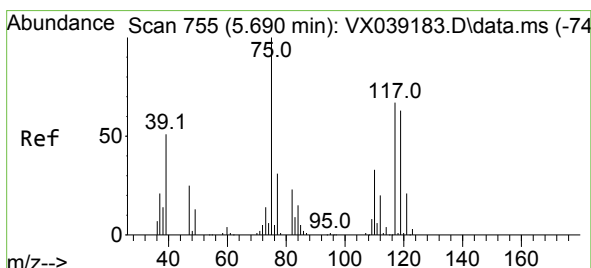
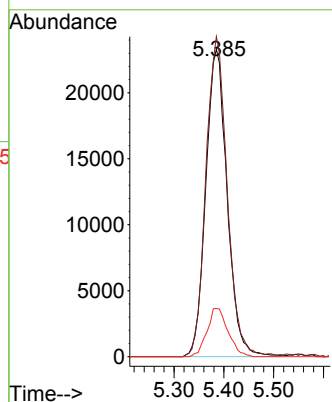
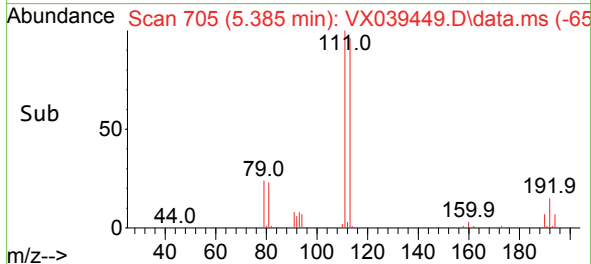


#35
Dibromofluoromethane
Concen: 48.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :

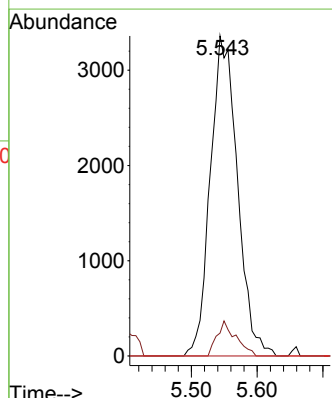
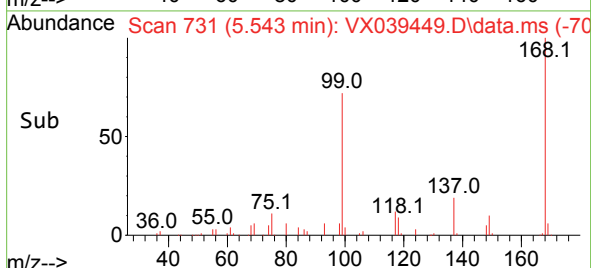
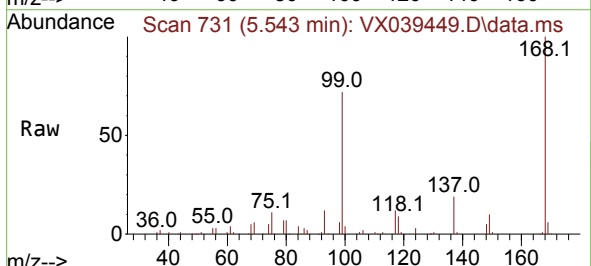


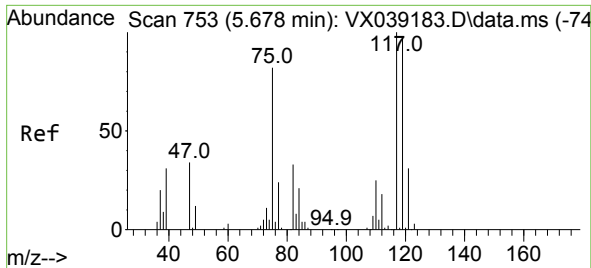
Tgt Ion:113 Resp: 69259
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 15.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.238 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

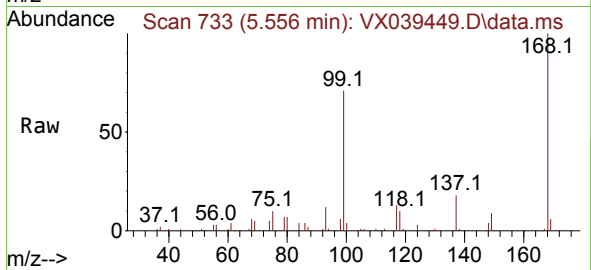
Tgt Ion: 75 Resp: 9647
Ion Ratio Lower Upper
75 100
110 7.6 17.0 50.9#
77 0.0 24.7 37.1#



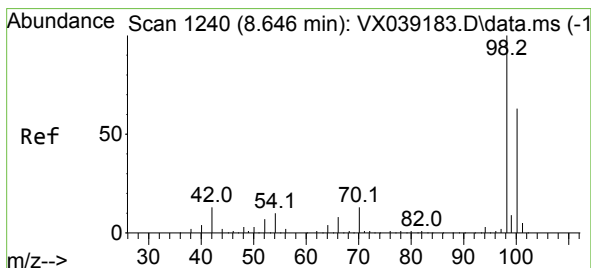
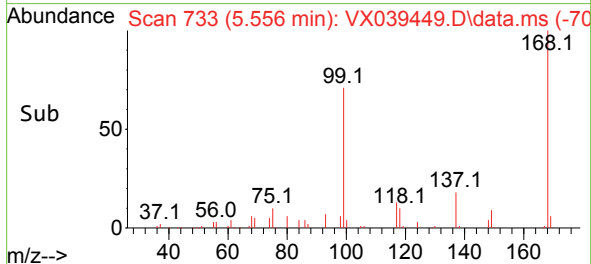
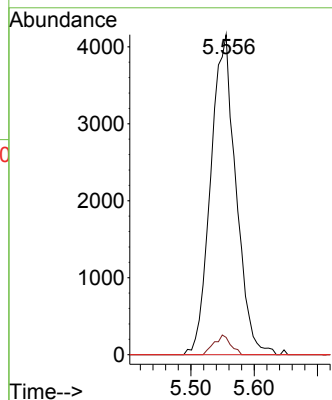


#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :

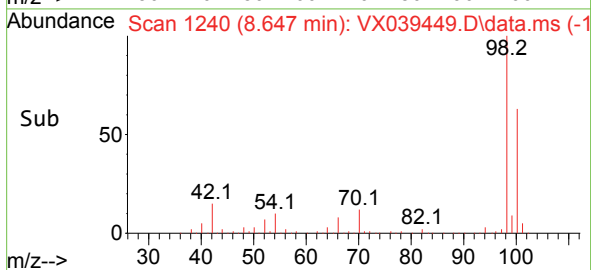
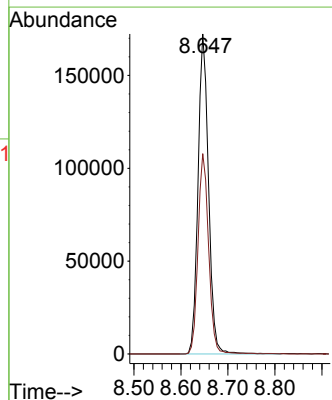
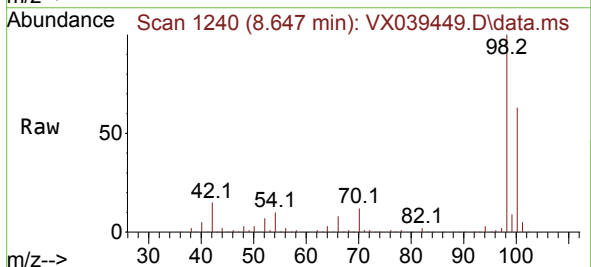


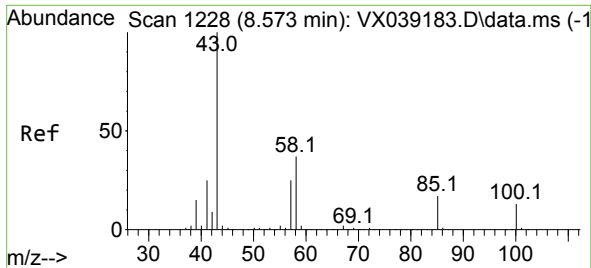
Tgt Ion:117 Resp: 11513
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.222 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion: 98 Resp: 268929
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

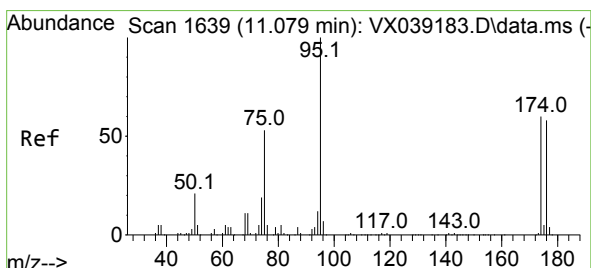
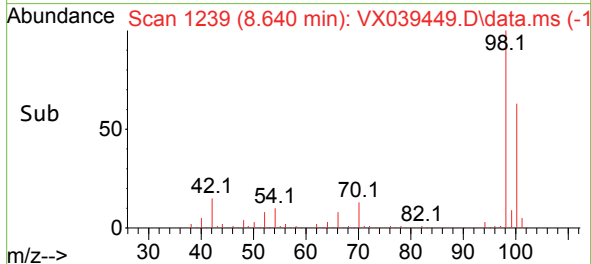
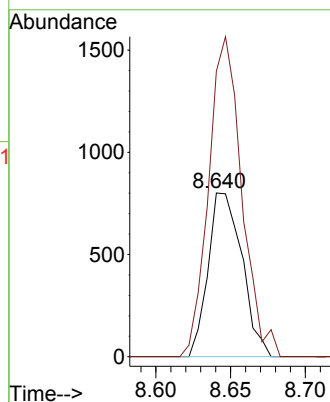
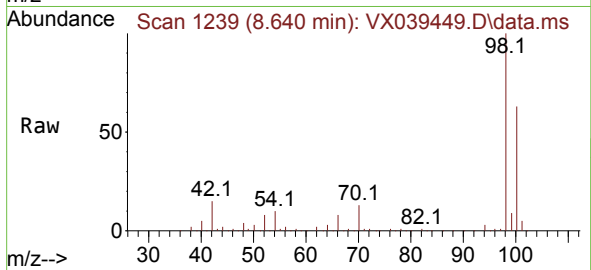




#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

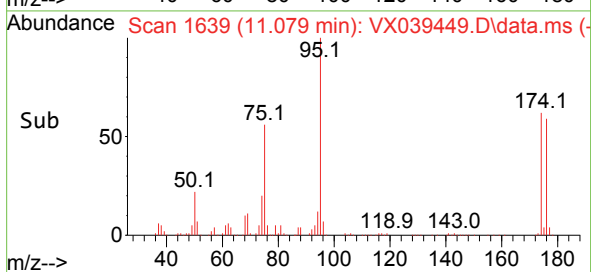
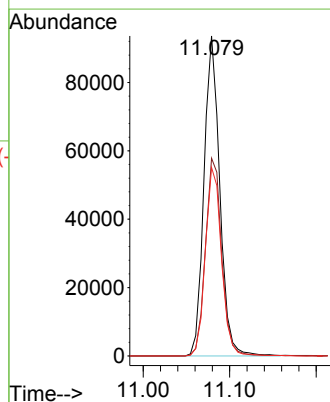
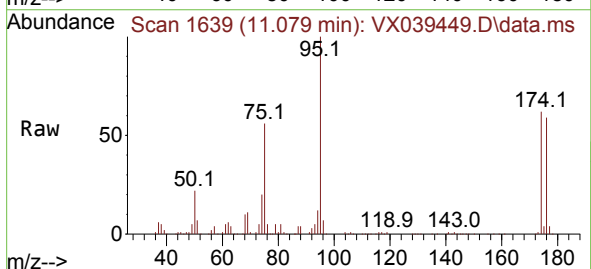
Instrument :
MSVOA_X
ClientSampleId :

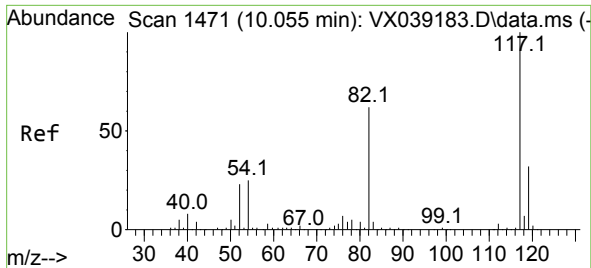
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 191.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

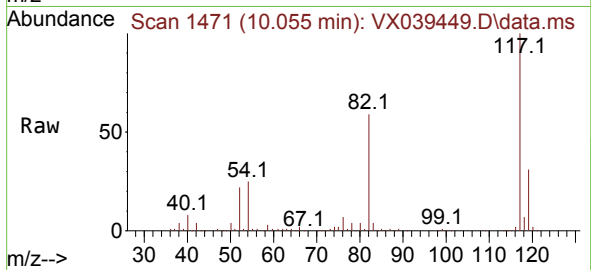
Tgt Ion: 95 Resp: 118556
Ion Ratio Lower Upper
95 100
174 63.9 0.0 135.6
176 60.4 0.0 131.0



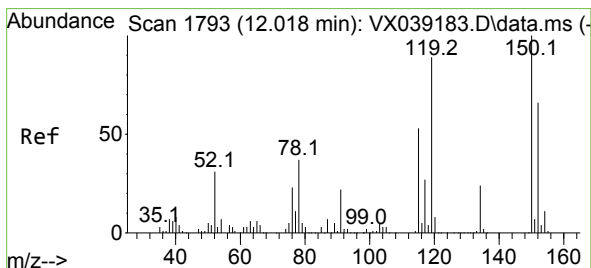
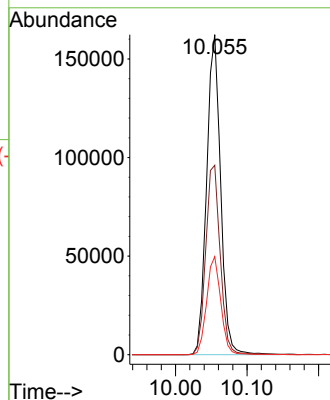
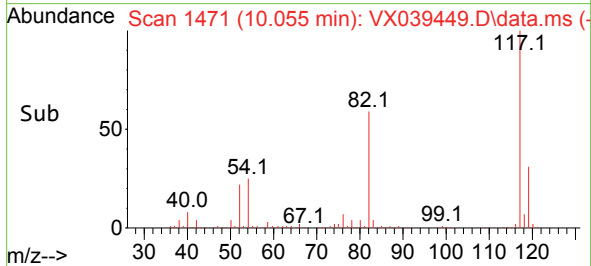


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :

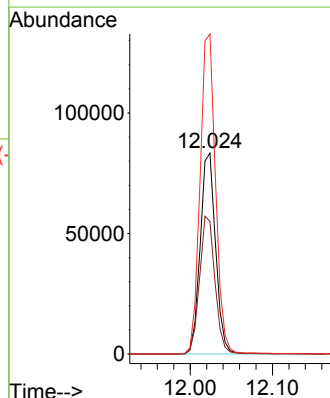
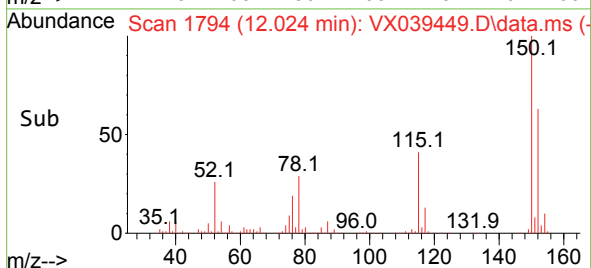
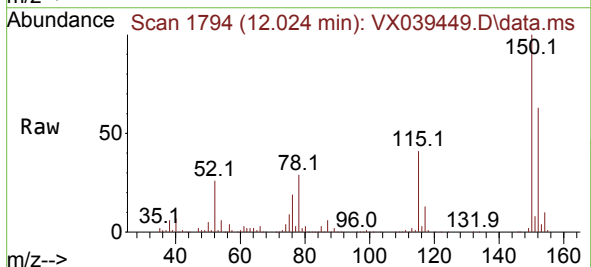


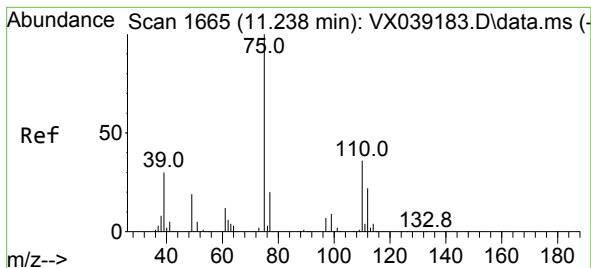
Tgt Ion:117 Resp: 220860
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039449.D
Acq: 22 Dec 2023 18:44

Tgt Ion:152 Resp: 108617
Ion Ratio Lower Upper
152 100
115 68.5 43.3 129.9
150 160.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.491 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039449.D

Acq: 22 Dec 2023 18:44

Instrument :

MSVOA_X

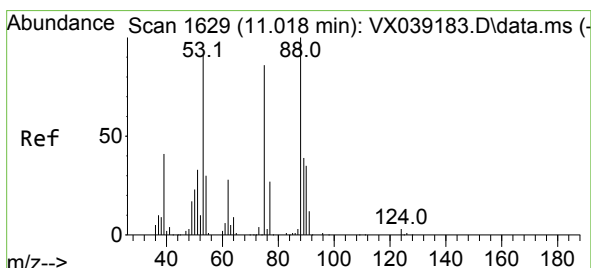
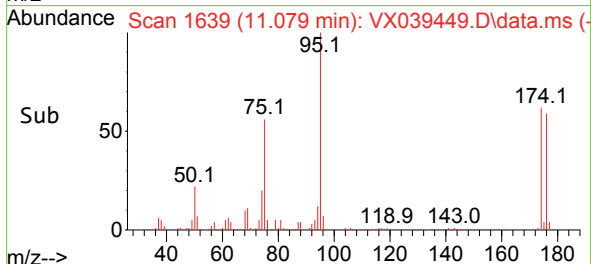
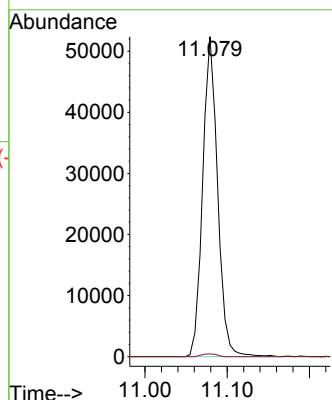
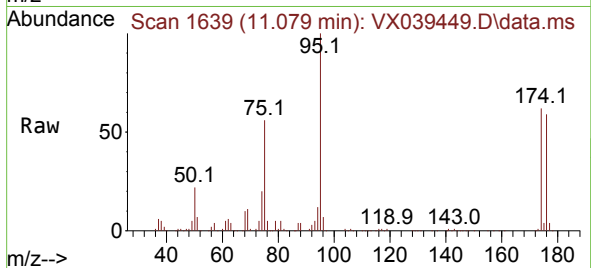
ClientSampleId :

Tgt Ion: 75 Resp: 66012

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039449.D

Acq: 22 Dec 2023 18:44

Tgt Ion: 75 Resp: 66012

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

