

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032509.D
 Acq On : 01 Nov 2022 13:38
 Operator : JC/MD
 Sample : N5391-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31846DL

Quant Time: Nov 02 05:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

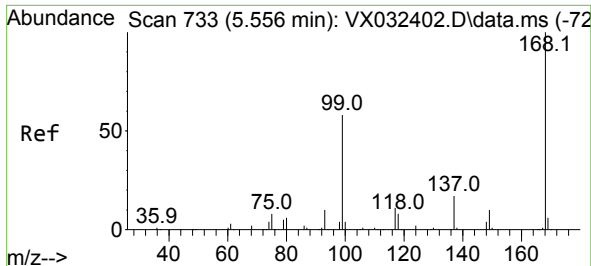
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	131053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87549	48.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.160%		
35) Dibromofluoromethane	5.391	113	70134	45.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.900%		
50) Toluene-d8	8.647	98	256275	47.761	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.520%		
62) 4-Bromofluorobenzene	11.079	95	97668	46.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.200%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	247	0.220	ug/l	98
11) Tert butyl alcohol	2.940	59	1310	4.943	ug/l #	72
16) Acetone	2.386	43	130449	197.103	ug/l	100
18) Methyl Acetate	2.575	43	588	0.273	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	1319	0.286	ug/l #	85
20) Methylene Chloride	2.794	84	957	0.631	ug/l #	80
25) 2-Butanone	4.574	43	1335	1.302	ug/l	93
31) Cyclohexane	5.544	56	2921	1.323	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10460	4.868	ug/l #	50
37) Ethyl Acetate	4.574	43	1335	0.597	ug/l #	67
38) Carbon Tetrachloride	5.556	117	13702	5.749	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	53454	26.806	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	53454	85.299	ug/l #	6

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

Quant Time: Nov 02 05:29:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

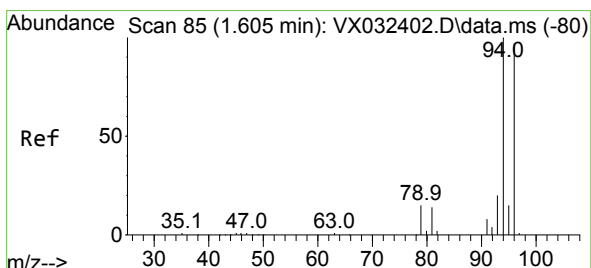
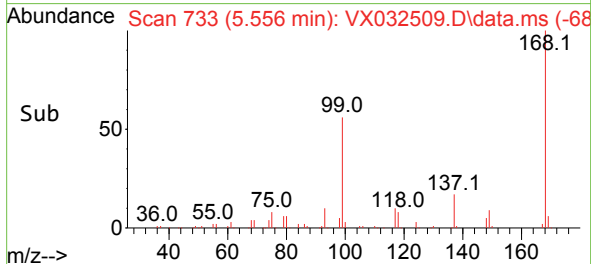
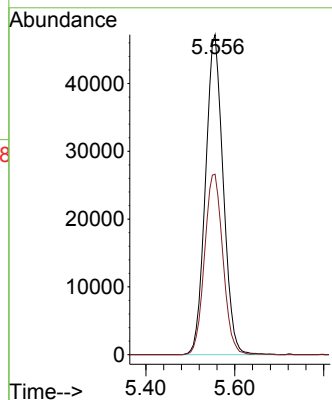
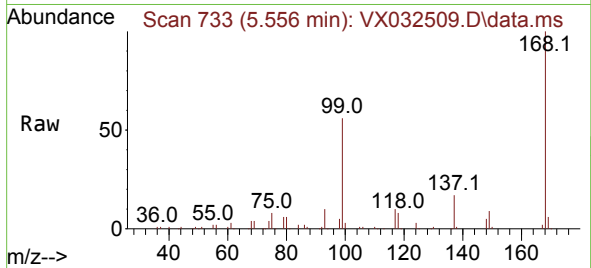




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

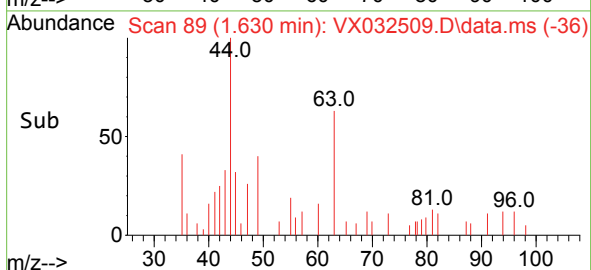
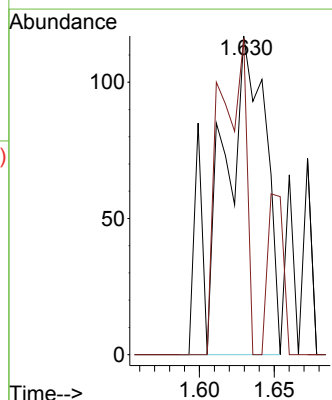
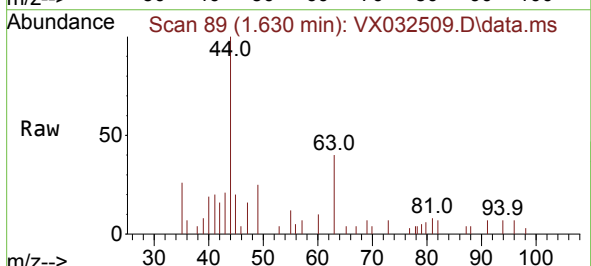
Instrument :
MSVOA_X
ClientSampleId :
31846DL

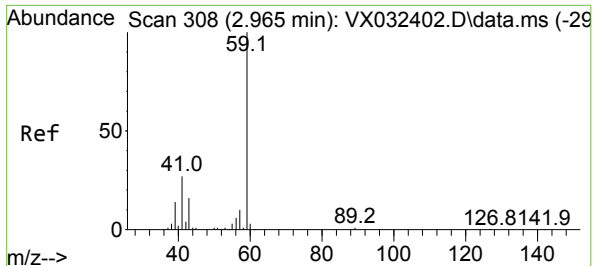
Tgt Ion:168 Resp: 131053
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.024 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 99.1 77.6 116.4





#11

Tert butyl alcohol

Concen: 4.943 ug/l

RT: 2.940 min Scan# 308

Delta R.T. -0.025 min

Lab File: VX032509.D

Acq: 01 Nov 2022 13:38

Instrument :

MSVOA_X

ClientSampleId :

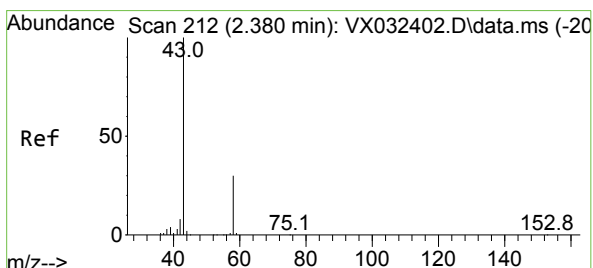
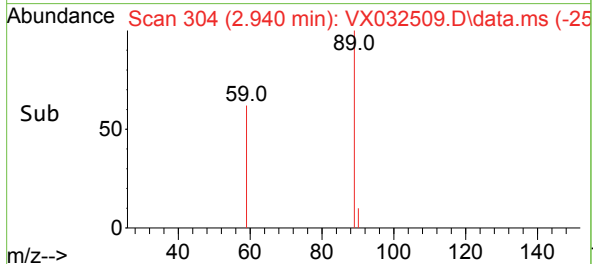
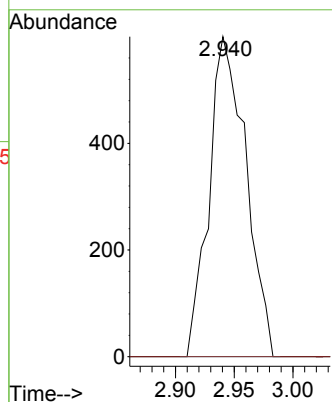
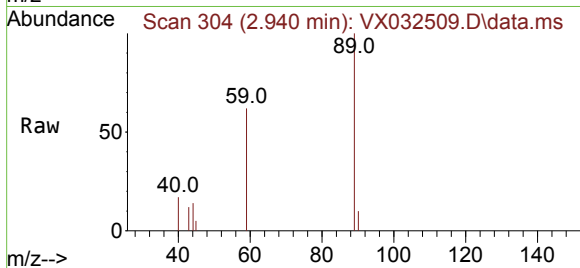
31846DL

Tgt Ion: 59 Resp: 1310

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 197.103 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032509.D

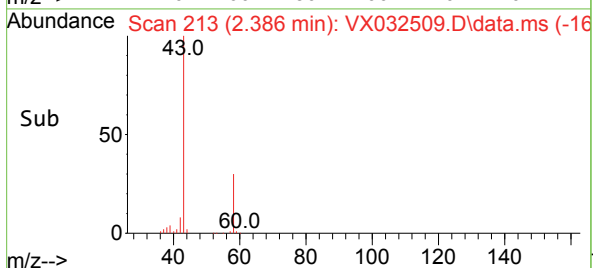
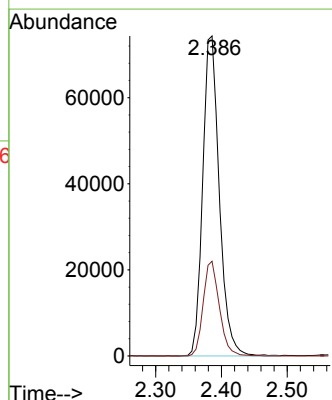
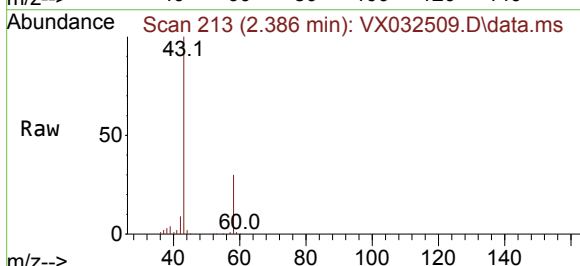
Acq: 01 Nov 2022 13:38

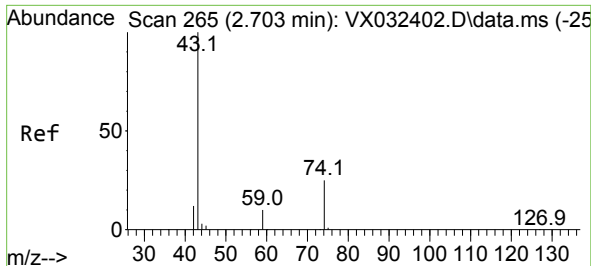
Tgt Ion: 43 Resp: 130449

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8

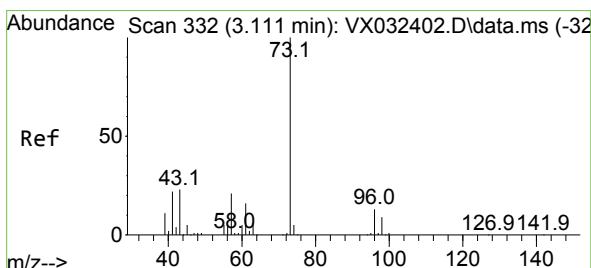
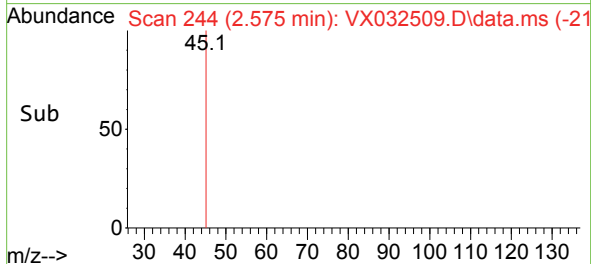
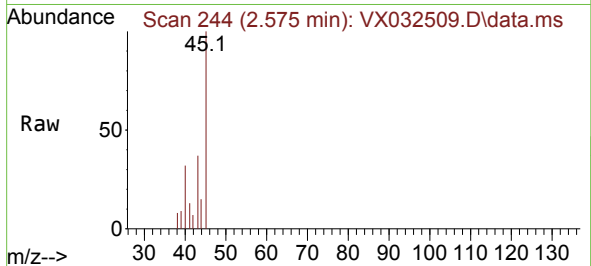




#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.575 min Scan# 244
Delta R.T. -0.128 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

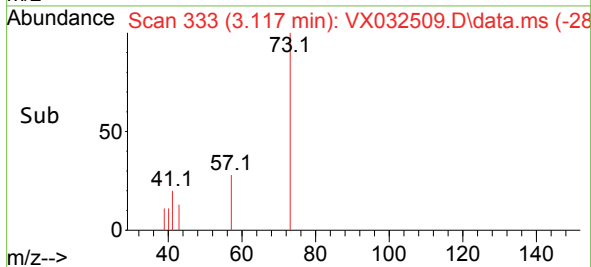
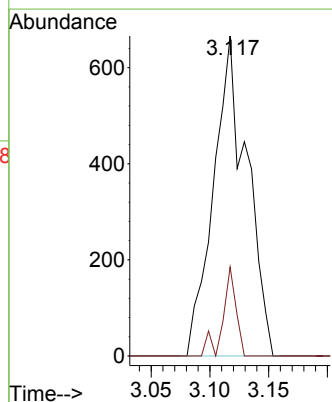
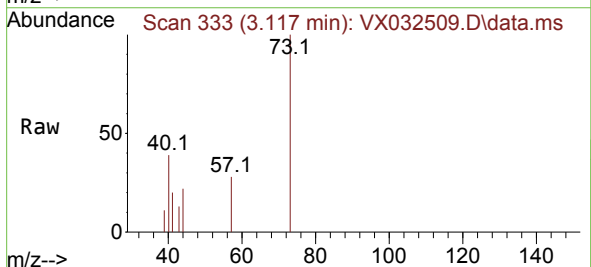
Instrument :
MSVOA_X
ClientSampleId :
31846DL

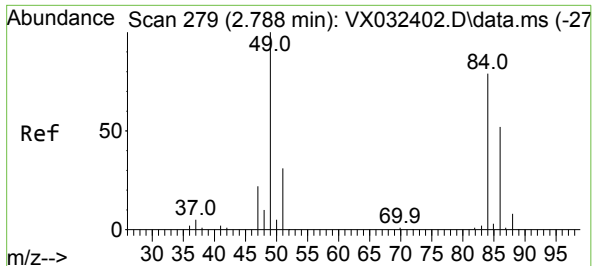
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#19
Methyl tert-butyl Ether
Concen: 0.286 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion: 73 Resp: 1319
Ion Ratio Lower Upper
73 100
57 27.8 16.6 25.0#

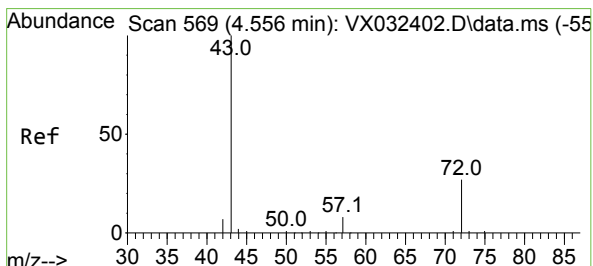
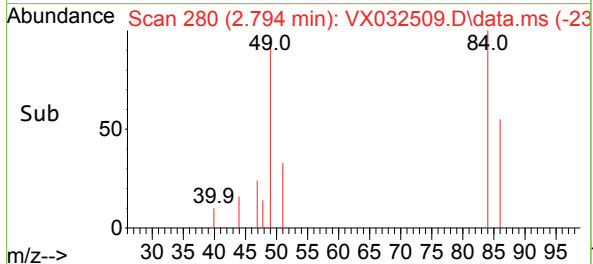
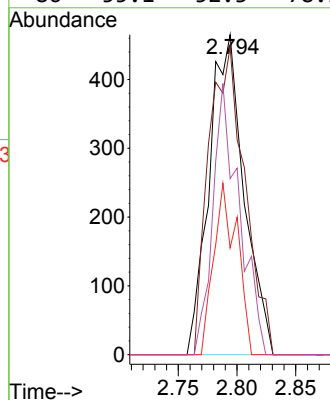
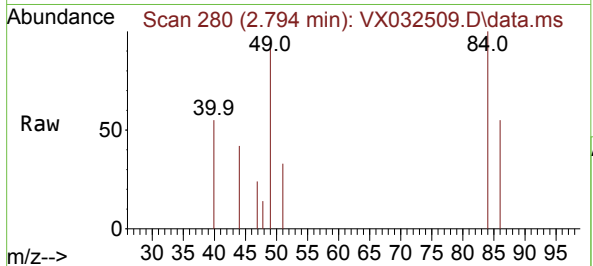




#20
Methylene Chloride
Concen: 0.631 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

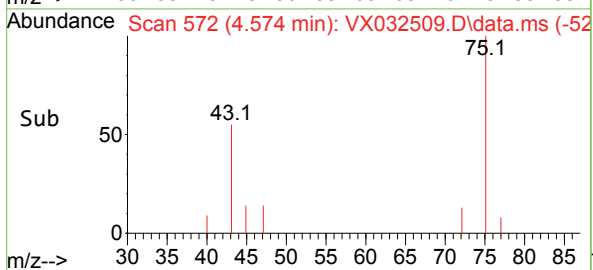
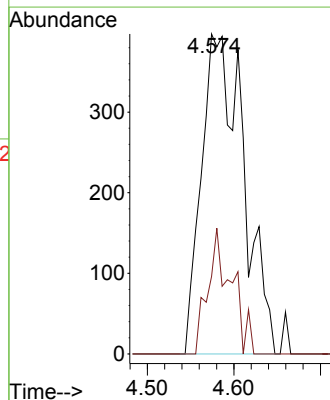
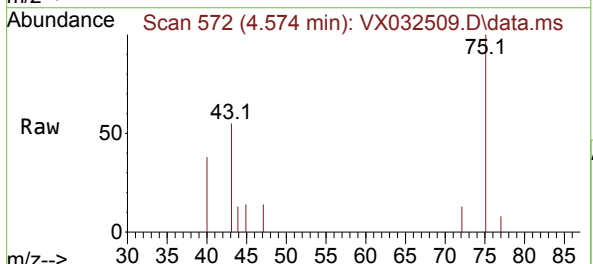
Instrument :
MSVOA_X
ClientSampleId :
31846DL

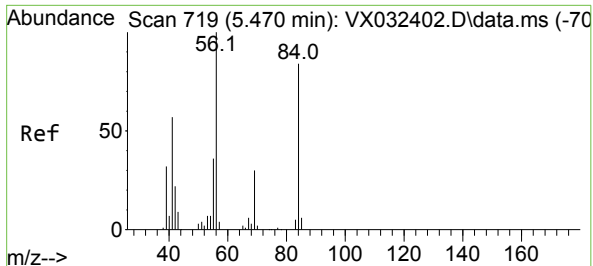
Tgt Ion:	84	Resp:	957
Ion	Ratio	Lower	Upper
84	100		
49	96.1	101.0	151.6#
51	33.3	31.1	46.7
86	55.1	52.3	78.5



#25
2-Butanone
Concen: 1.302 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

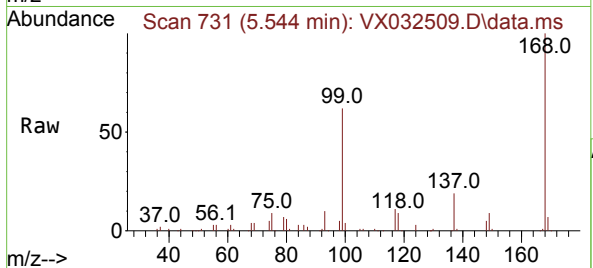
Tgt Ion:	43	Resp:	1335
Ion	Ratio	Lower	Upper
43	100		
72	24.2	22.2	33.2



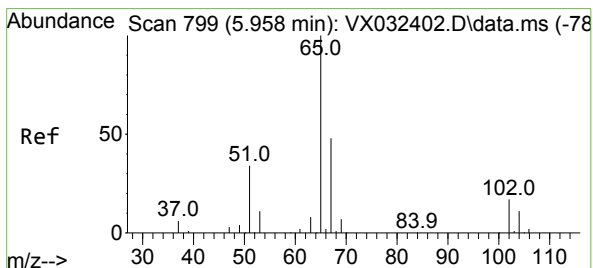
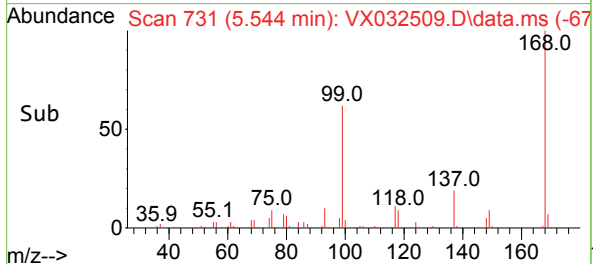
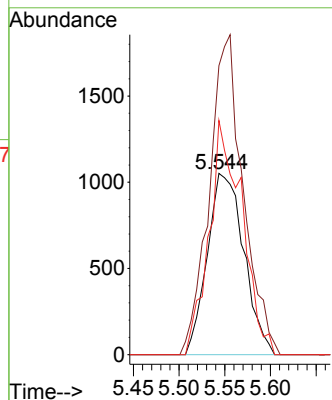


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Instrument :
MSVOA_X
ClientSampleId :
31846DL

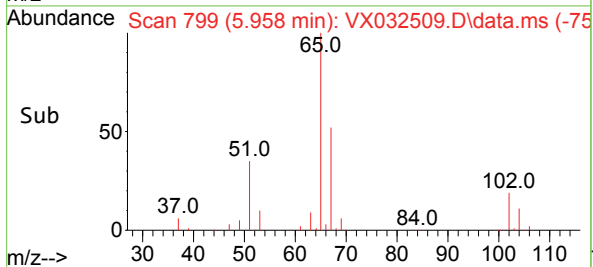
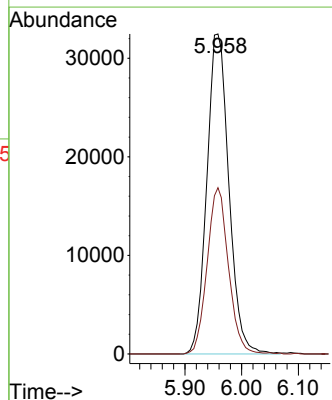
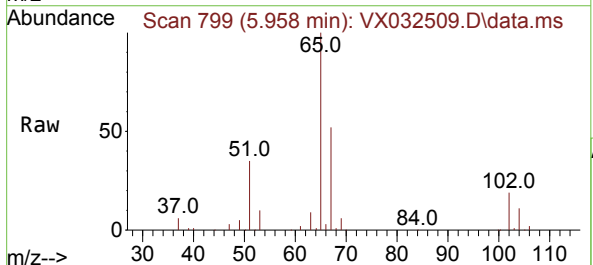


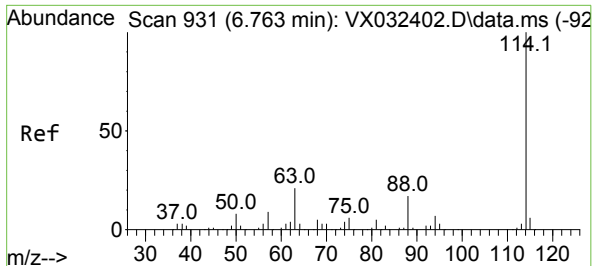
Tgt Ion: 56 Resp: 2921
Ion Ratio Lower Upper
56 100
69 159.5 24.1 36.1#
84 129.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.079 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion: 65 Resp: 87549
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

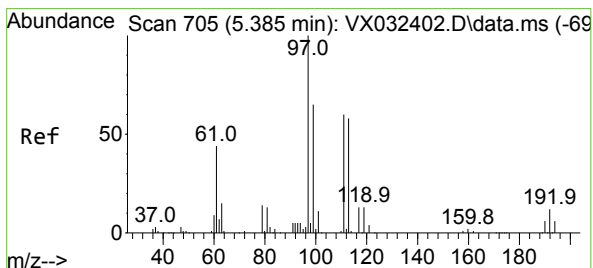
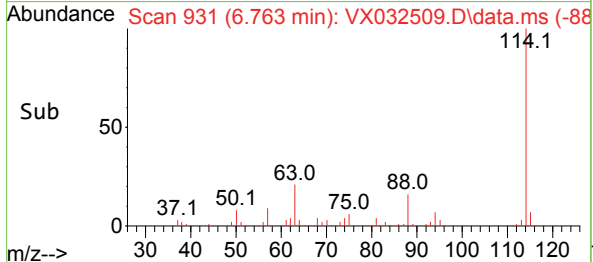
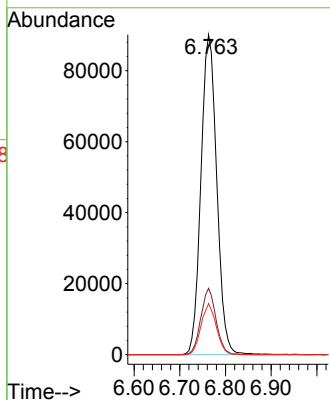
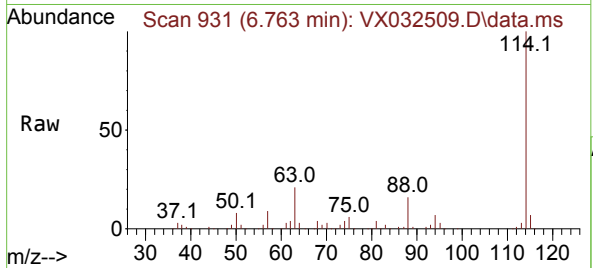




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

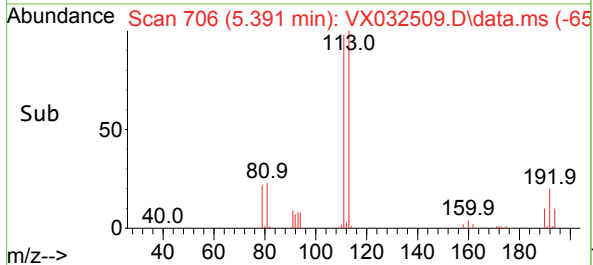
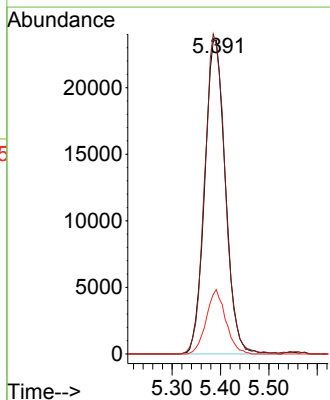
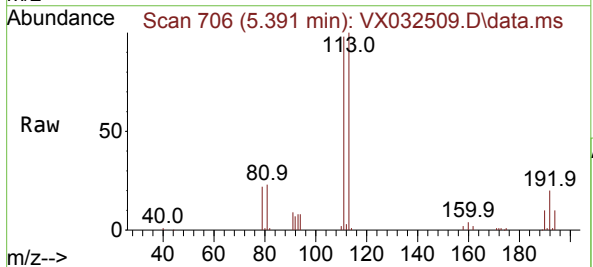
Instrument :
MSVOA_X
ClientSampleId :
31846DL

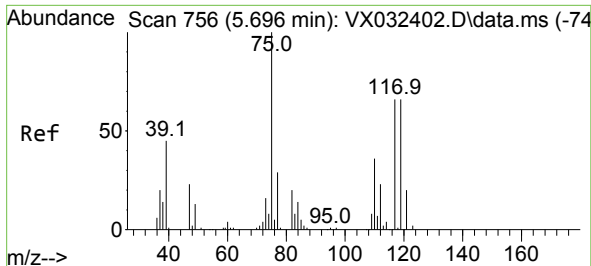
Tgt Ion:114 Resp: 216334
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.449 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion:113 Resp: 70134
Ion Ratio Lower Upper
113 100
111 100.6 82.4 123.6
192 19.3 15.4 23.2

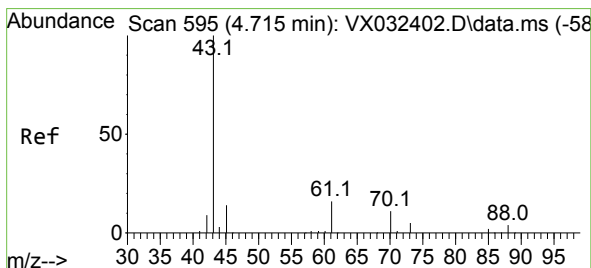
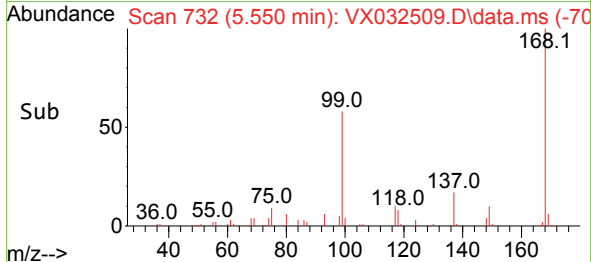
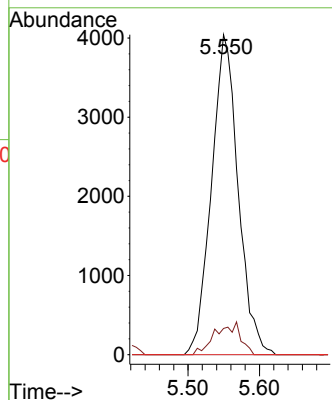
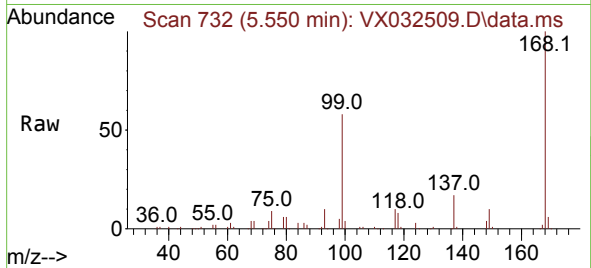




#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

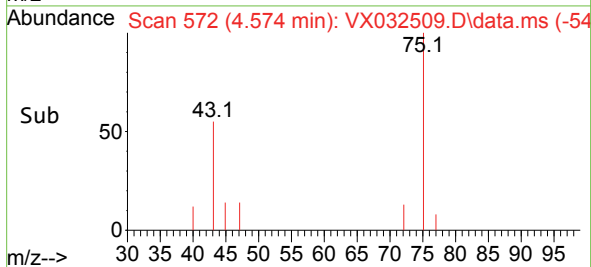
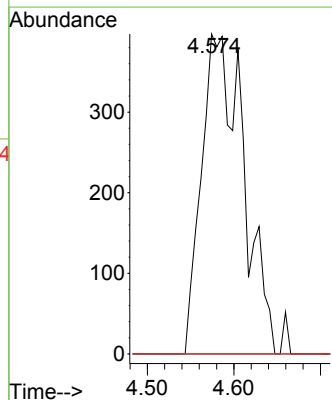
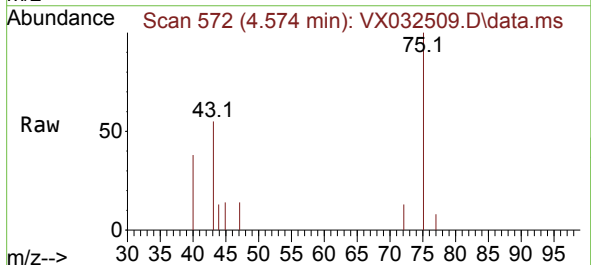
Instrument :
MSVOA_X
ClientSampleId :
31846DL

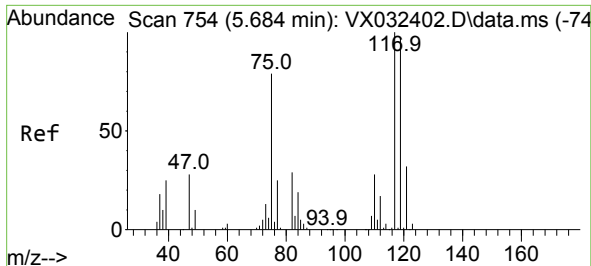
Tgt Ion: 75 Resp: 10460
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.597 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

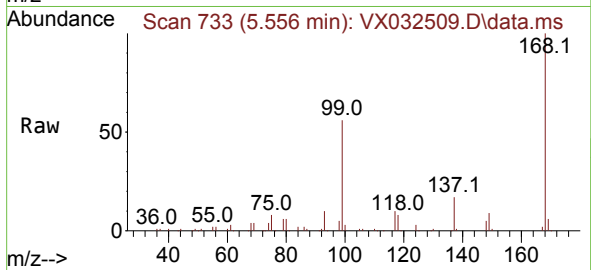
Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.1 13.7#



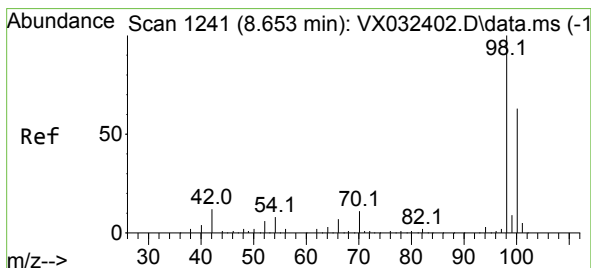
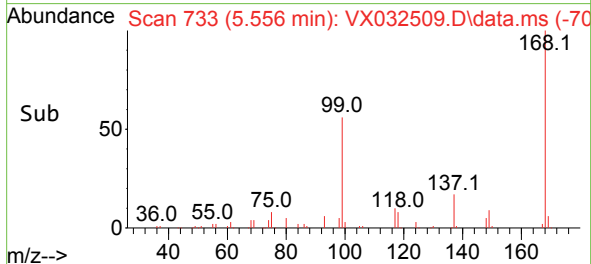
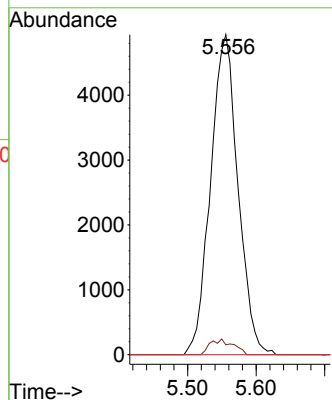


#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Instrument :
MSVOA_X
ClientSampleId :
31846DL

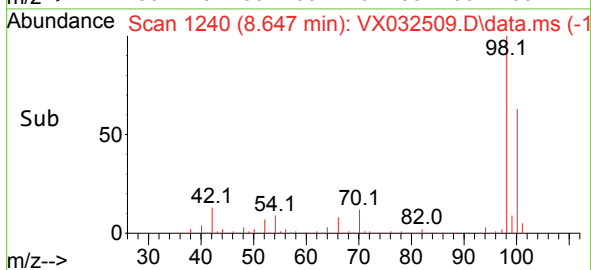
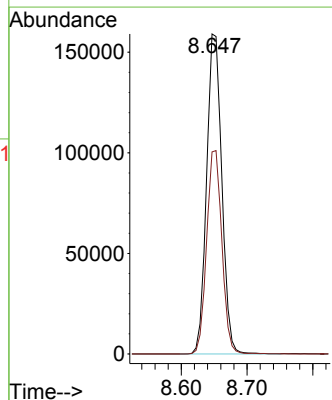
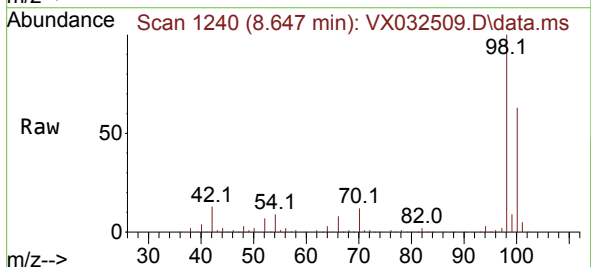


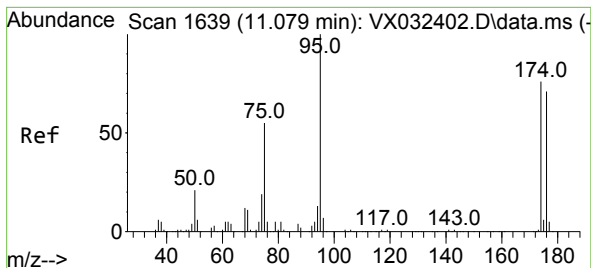
Tgt Ion:117 Resp: 13702
Ion Ratio Lower Upper
117 100
119 3.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.761 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion: 98 Resp: 256275
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

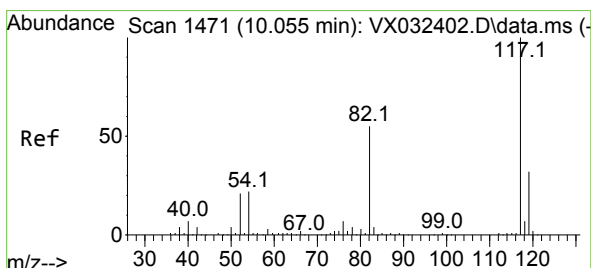
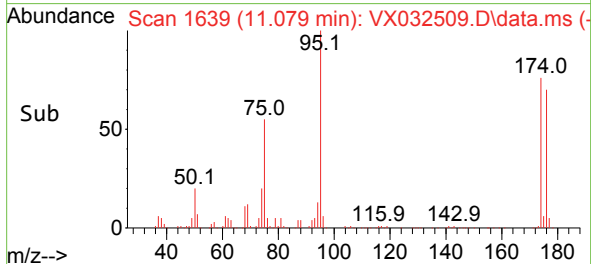
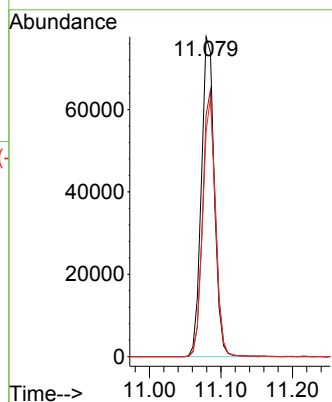
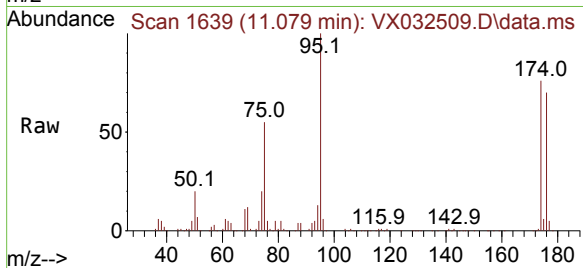




#62
4-Bromofluorobenzene
Concen: 46.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

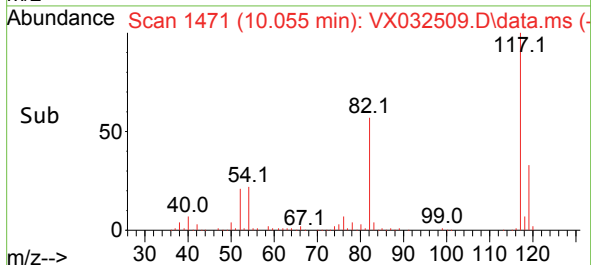
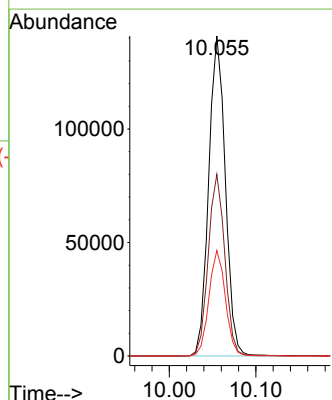
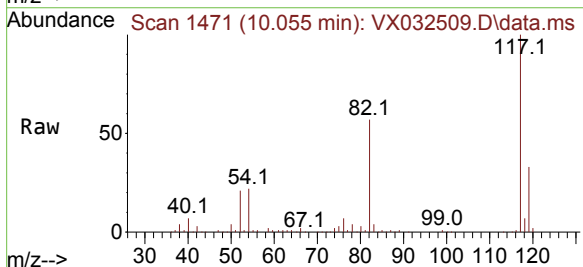
Instrument :
MSVOA_X
ClientSampleId :
31846DL

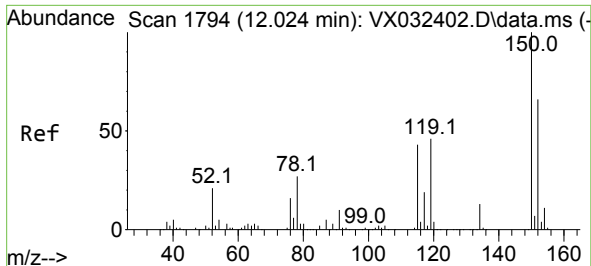
Tgt Ion: 95 Resp: 97668
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032509.D
Acq: 01 Nov 2022 13:38

Tgt Ion: 117 Resp: 188110
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 33.0 25.7 38.5

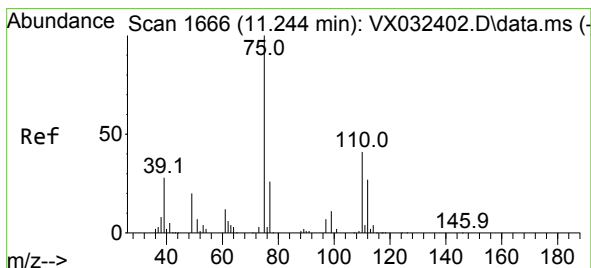
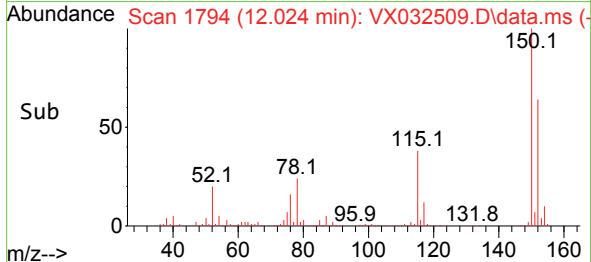
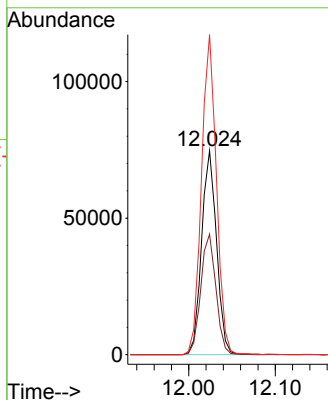
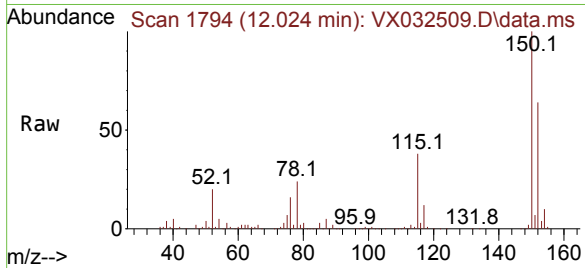




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032509.D
 Acq: 01 Nov 2022 13:38

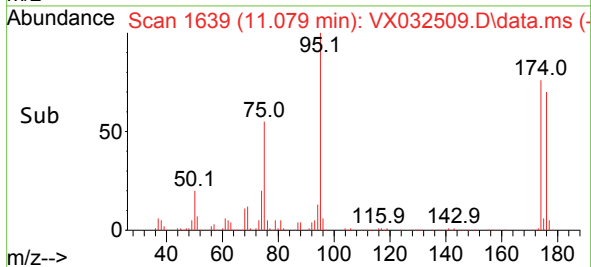
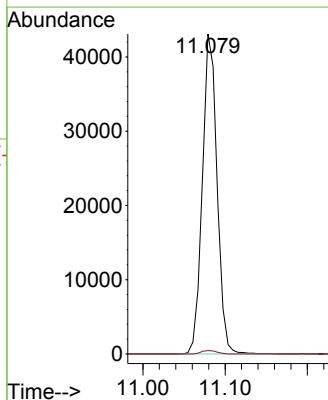
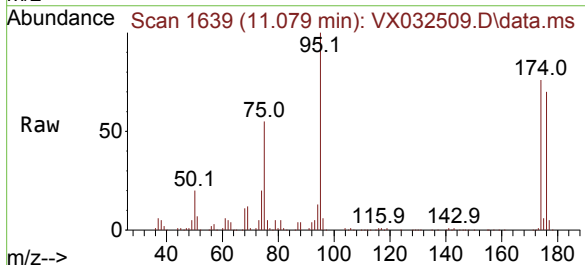
Instrument :
 MSVOA_X
 ClientSampleId :
 31846DL

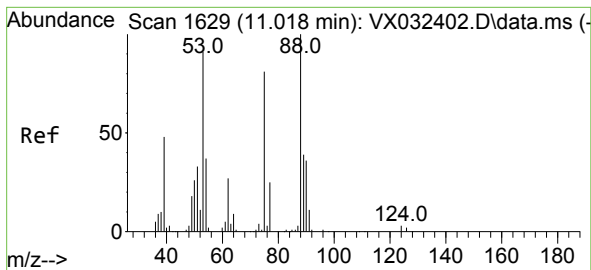
Tgt Ion:152 Resp: 89631
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 156.7 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.806 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032509.D
 Acq: 01 Nov 2022 13:38

Tgt Ion: 75 Resp: 53454
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.299 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX032509.D
 Acq: 01 Nov 2022 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 31846DL

Tgt Ion: 75 Resp: 53454
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

