

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034509.D
 Acq On : 15 Mar 2023 15:35
 Operator : JC/MD
 Sample : 01922-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-031423

Quant Time: Mar 16 05:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	234400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402062	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158320	46.428	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.860%
35) Dibromofluoromethane	5.385	113	124723	46.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.960%
50) Toluene-d8	8.647	98	482592	48.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	176336	44.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%

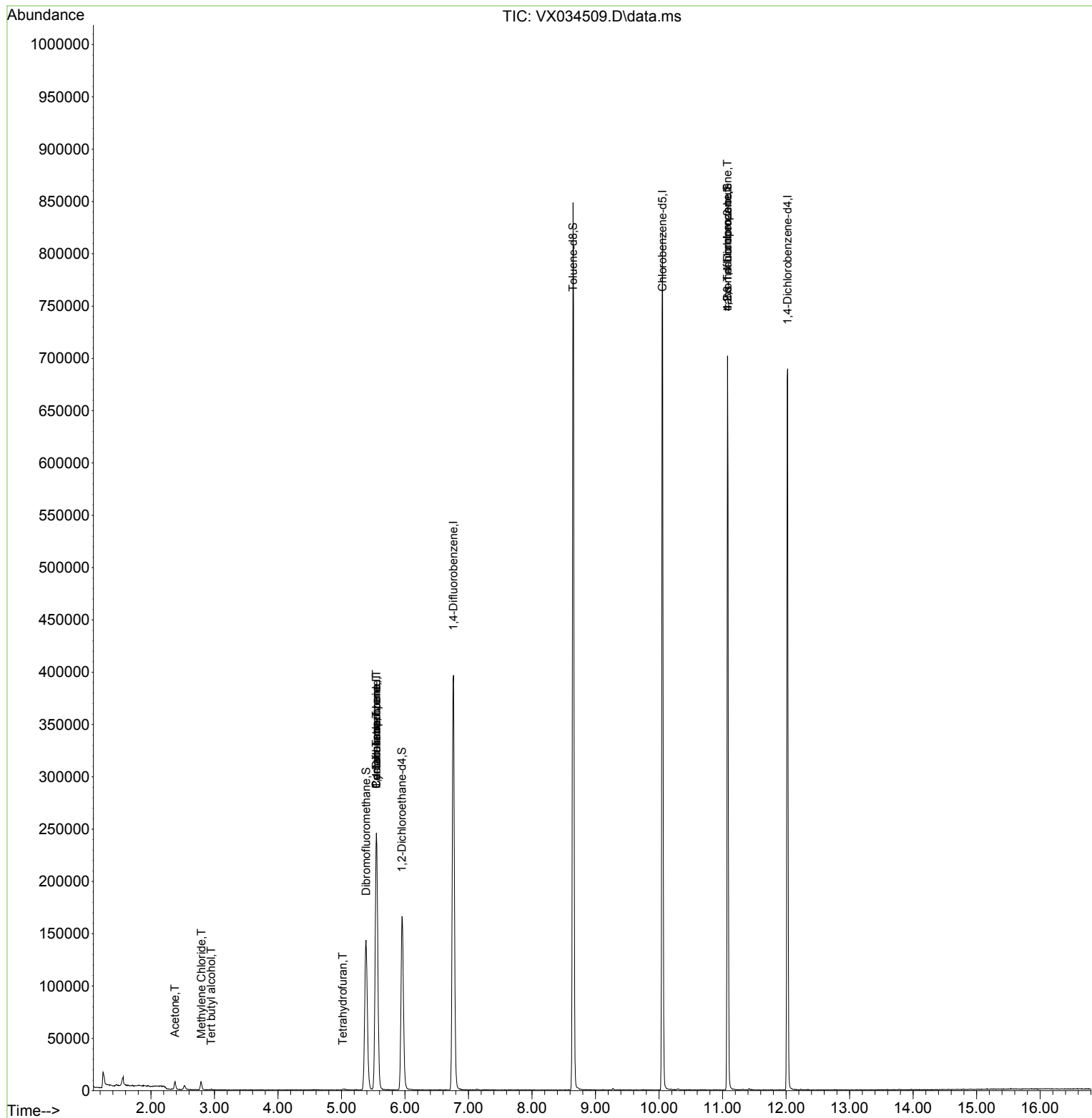
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	653	Below Cal	#	82
11) Tert butyl alcohol	2.946	59	455	0.641	ug/l #	73
16) Acetone	2.379	43	8339	5.191	ug/l	98
20) Methylene Chloride	2.794	84	3375	1.083	ug/l #	78
29) Tetrahydrofuran	5.019	42	515	0.363	ug/l #	60
31) Cyclohexane	5.550	56	5539	1.158	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	18885	4.632	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24094	5.940	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	92877	28.630	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	92877	77.453	ug/l #	8

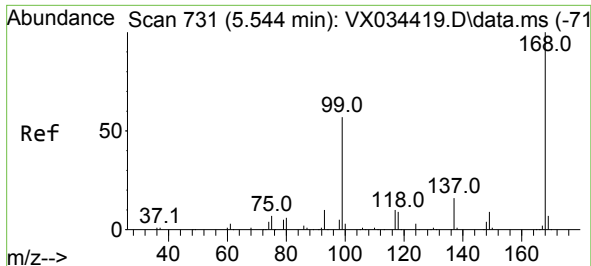
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 16 05:20:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

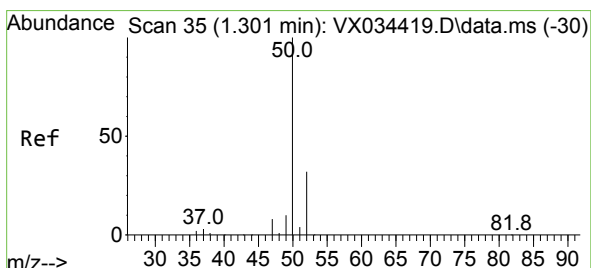
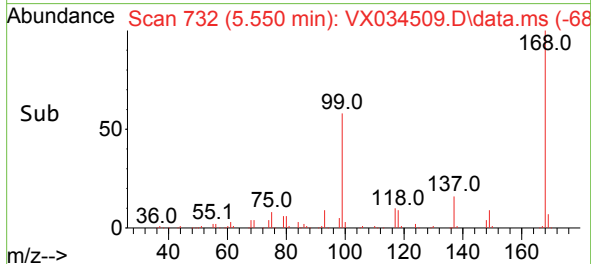
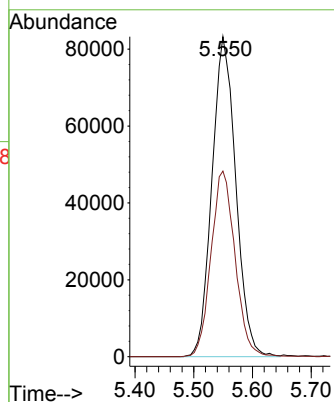
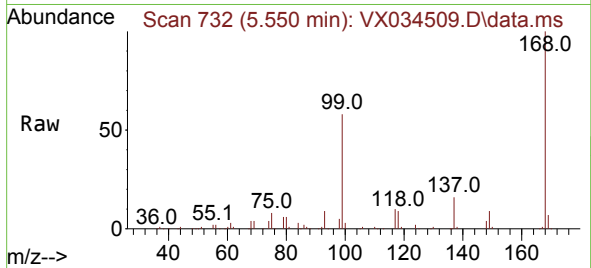




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

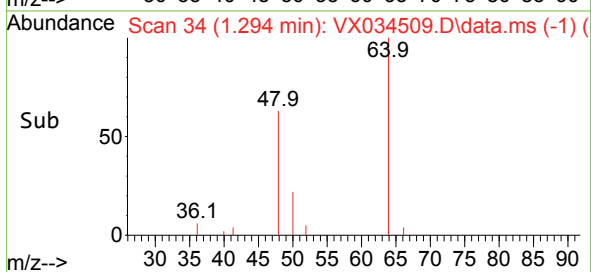
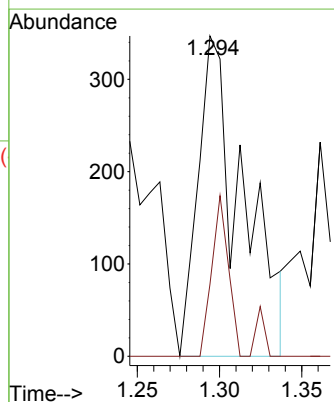
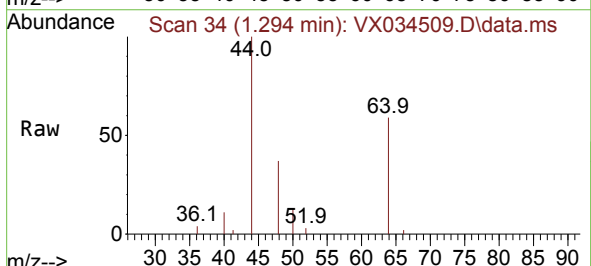
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

Tgt Ion:168 Resp: 234400
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 22.5 25.9 38.9#

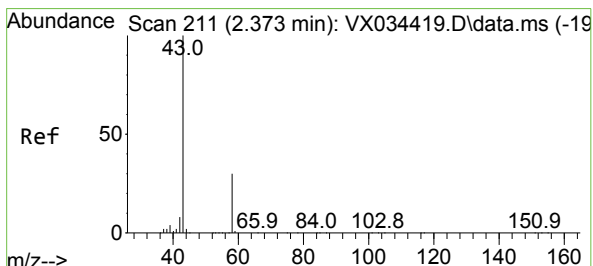
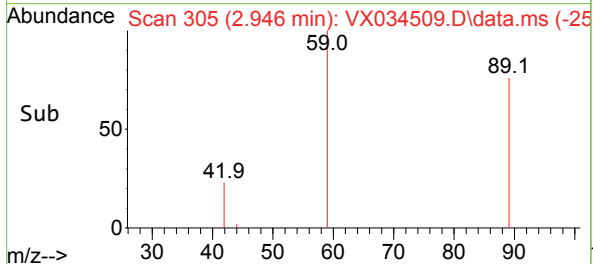
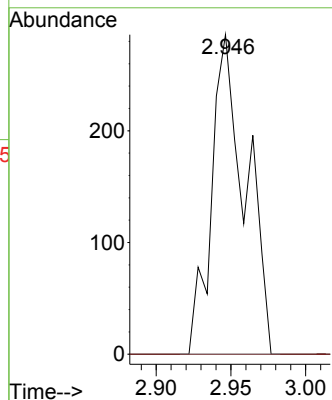
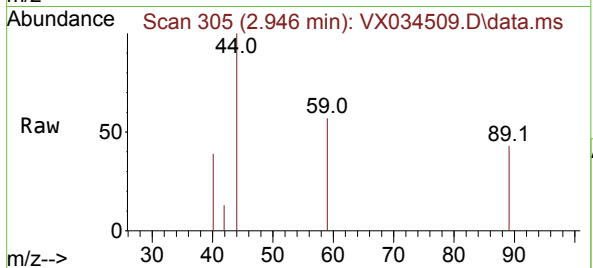




#11
Tert butyl alcohol
Concen: 0.641 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

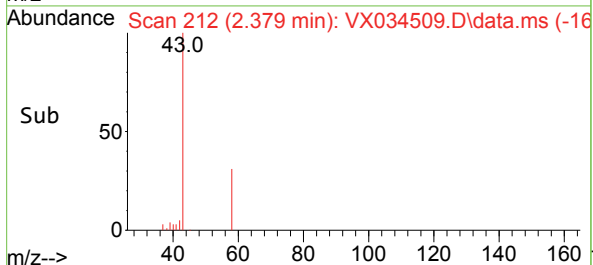
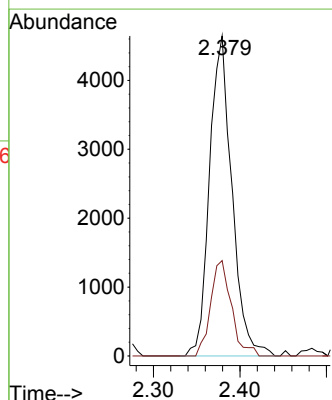
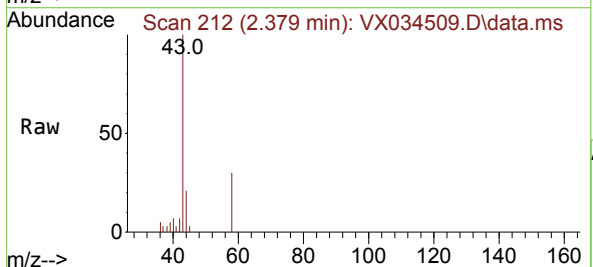
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

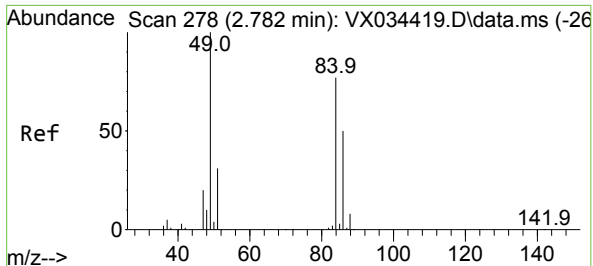
Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.191 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion: 43 Resp: 8339
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1

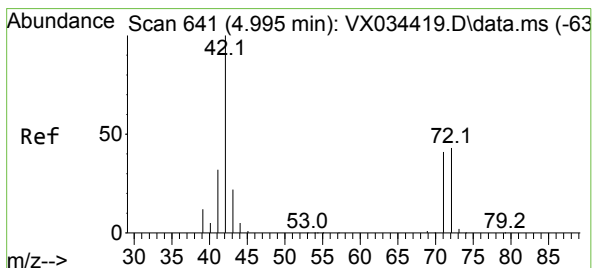
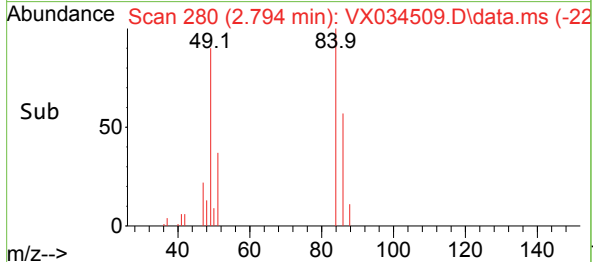
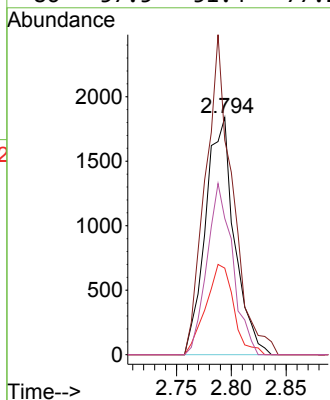
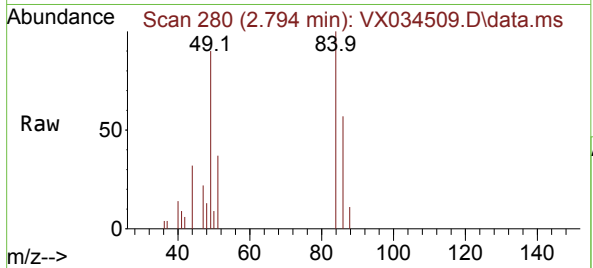




#20
Methylene Chloride
Concen: 1.083 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

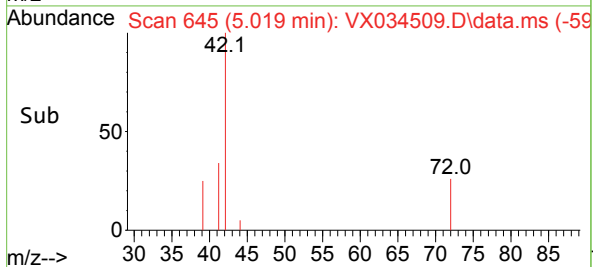
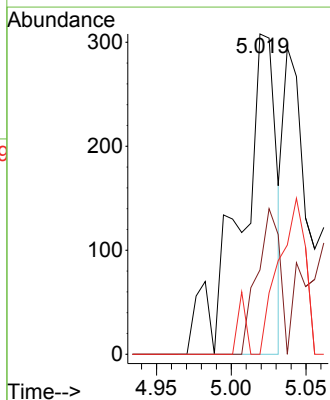
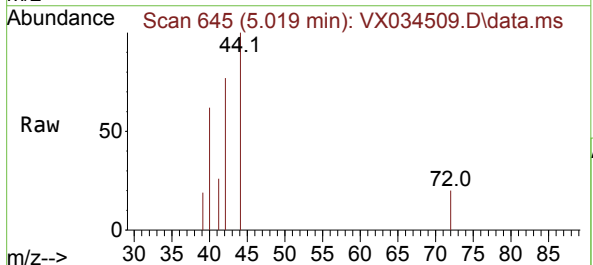
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

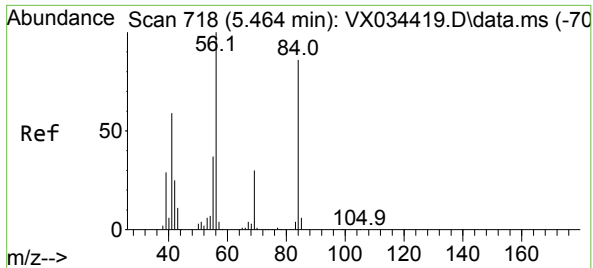
Tgt Ion:	84	Resp:	3375
Ion	Ratio	Lower	Upper
84	100		
49	90.5	103.8	155.8#
51	36.5	31.8	47.8
86	57.5	51.4	77.2



#29
Tetrahydrofuran
Concen: 0.363 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion:	42	Resp:	515
Ion	Ratio	Lower	Upper
42	100		
72	28.3	34.5	51.7#
71	4.3	32.1	48.1#

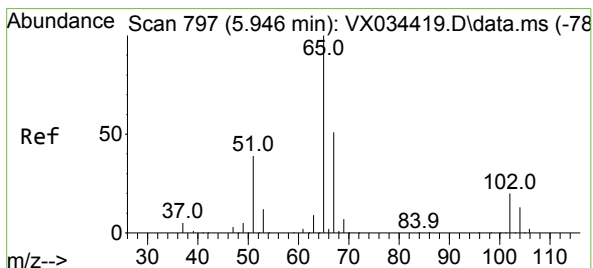
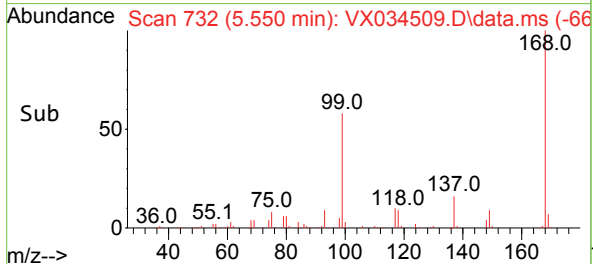
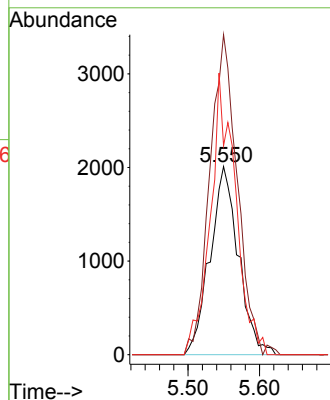
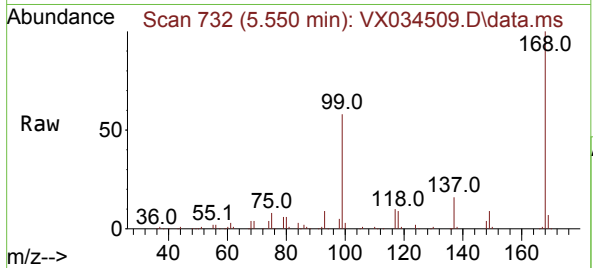




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

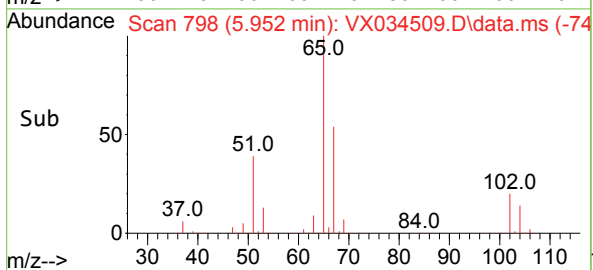
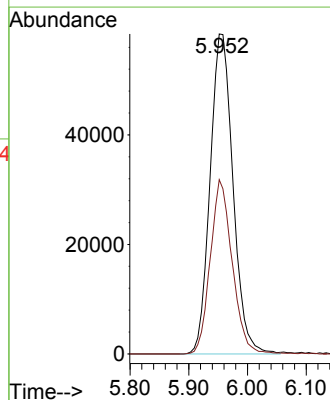
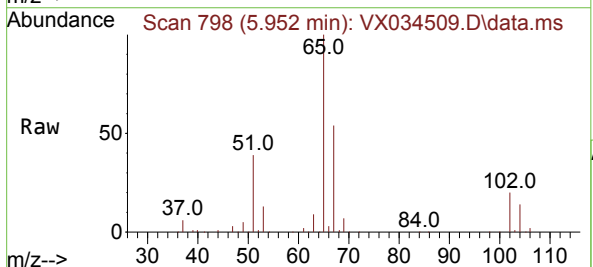
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

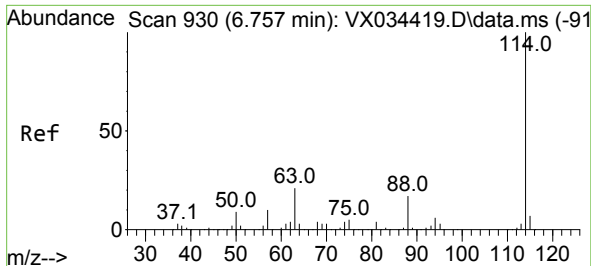
Tgt Ion: 56 Resp: 5539
Ion Ratio Lower Upper
56 100
69 170.0 23.7 35.5#
84 111.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.428 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion: 65 Resp: 158320
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

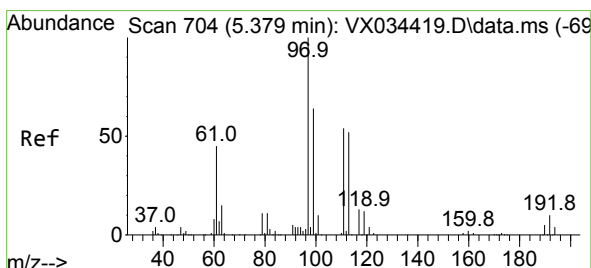
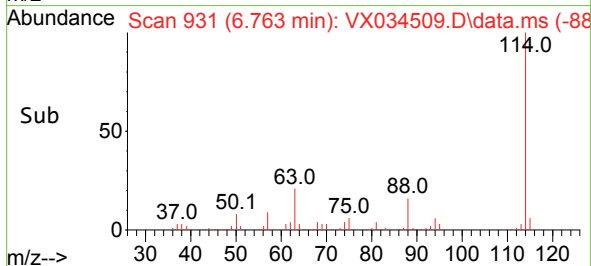
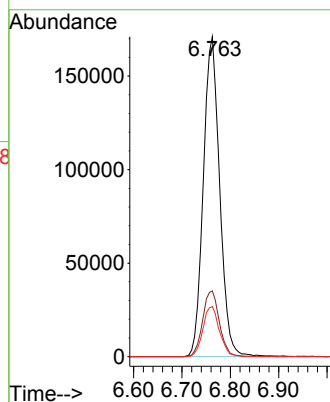
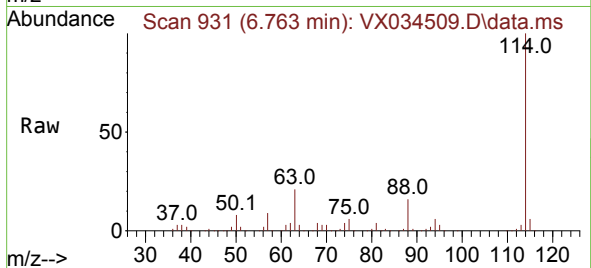




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

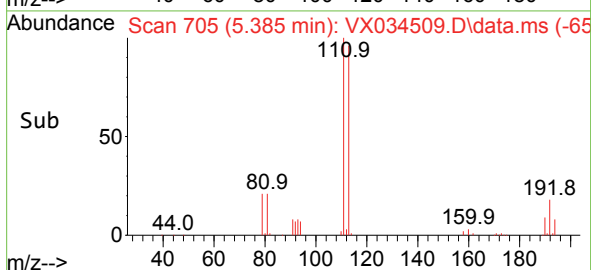
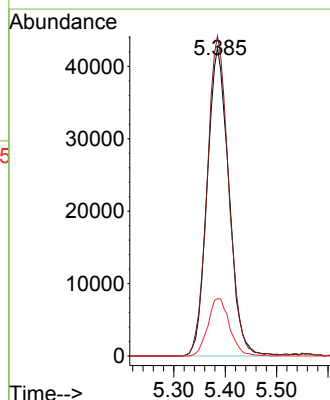
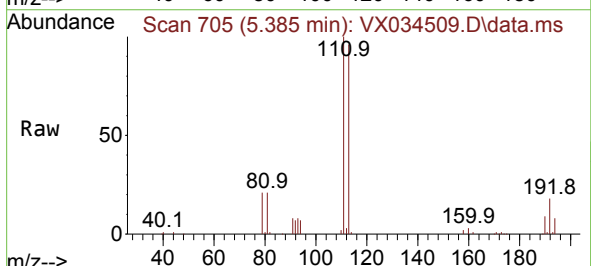
Instrument :
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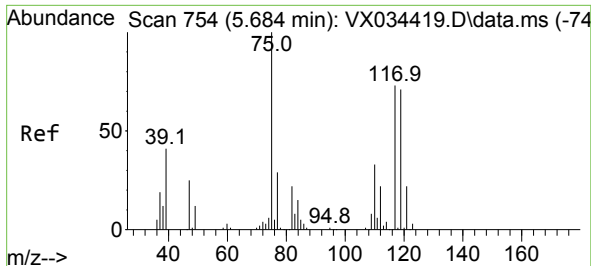
Tgt Ion:114 Resp: 402062
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.984 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion:113 Resp: 124723
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 18.7 15.4 23.2

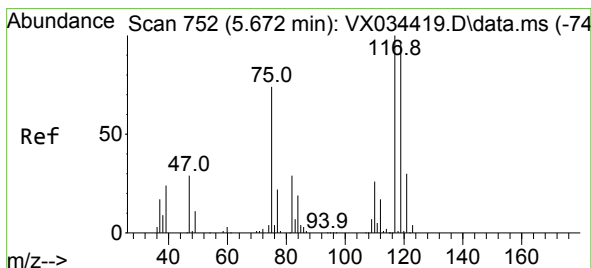
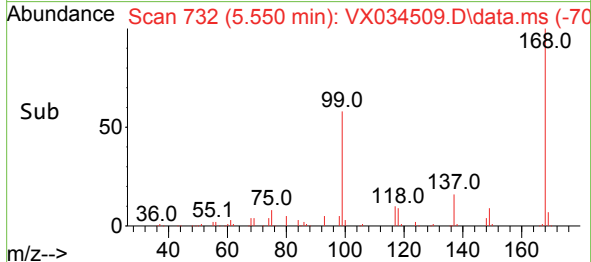
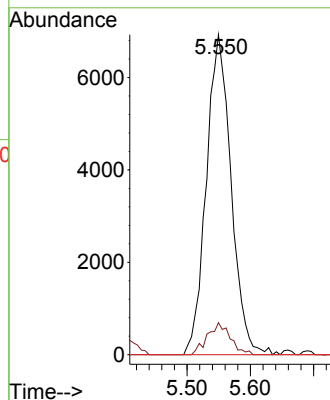
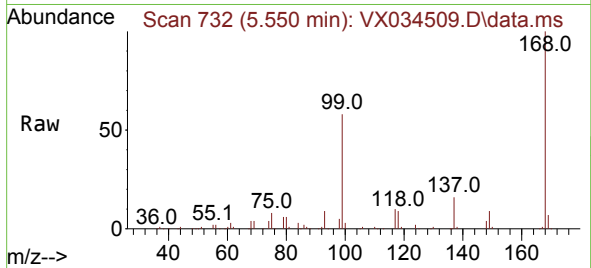




#36
 1,1-Dichloropropene
 Concen: 4.632 ug/l
 RT: 5.550 min Scan# 712
 Delta R.T. -0.134 min
 Lab File: VX034509.D
 Acq: 15 Mar 2023 15:35

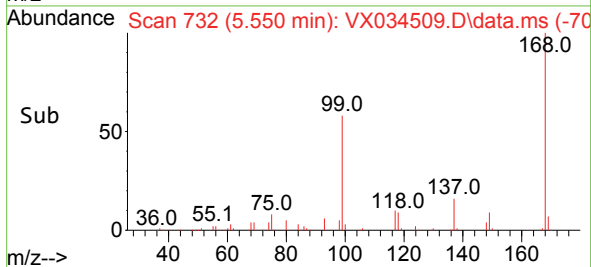
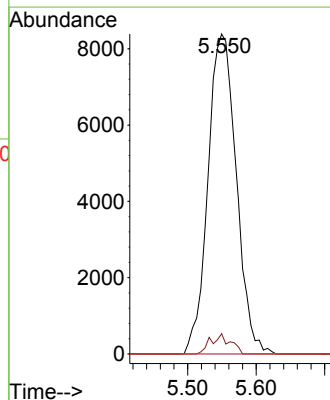
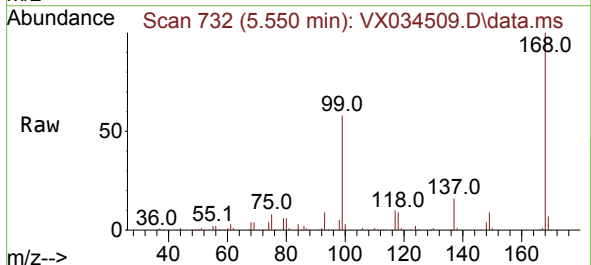
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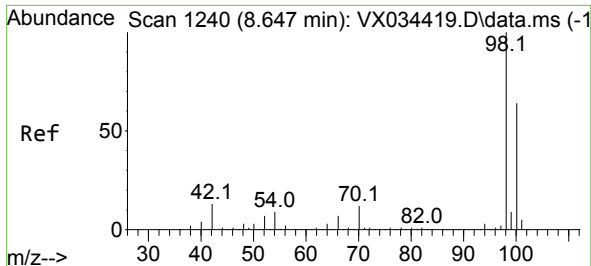
Tgt Ion: 75 Resp: 18885
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 5.940 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.122 min
 Lab File: VX034509.D
 Acq: 15 Mar 2023 15:35

Tgt Ion: 117 Resp: 24094
 Ion Ratio Lower Upper
 117 100
 119 6.3 76.6 114.8#
 121 0.0 23.8 35.6#

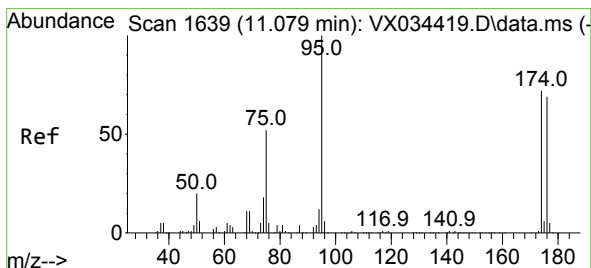
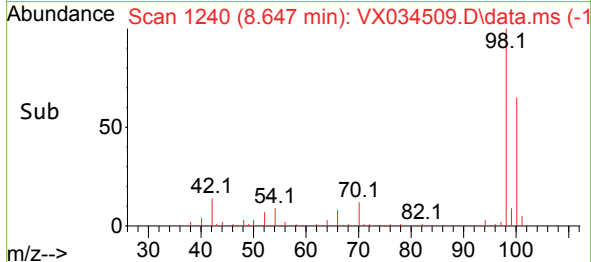
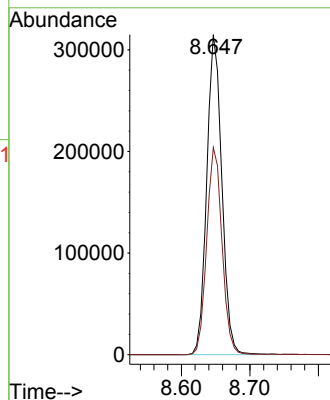
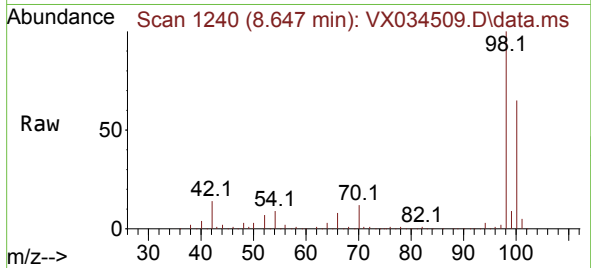




#50
Toluene-d8
Concen: 48.698 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

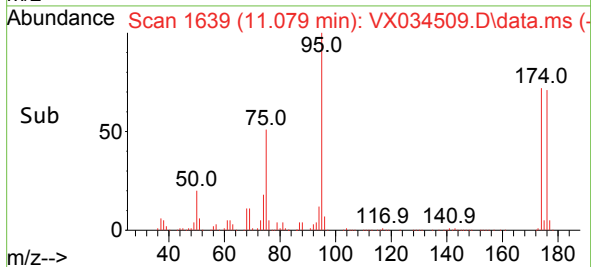
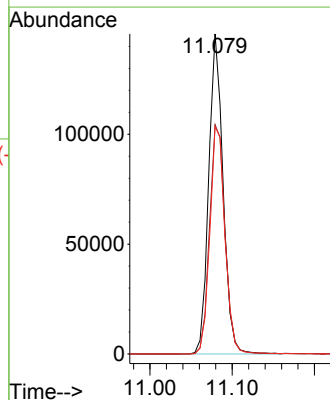
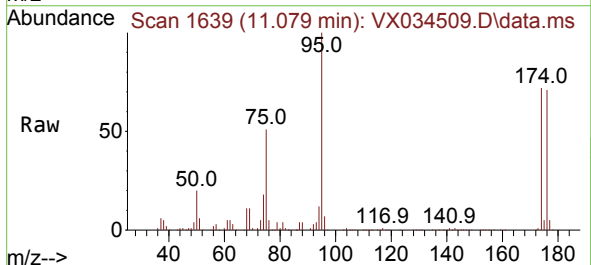
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

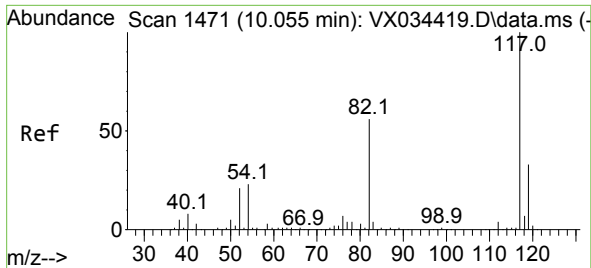
Tgt Ion: 98 Resp: 482592
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion: 95 Resp: 176336
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.4
176 74.8 0.0 140.6

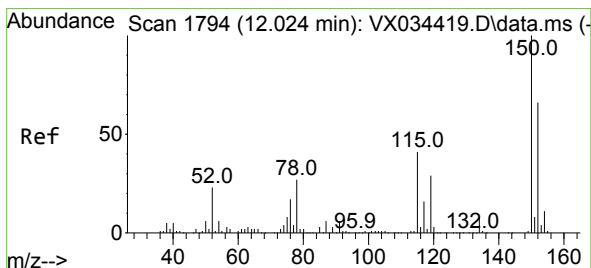
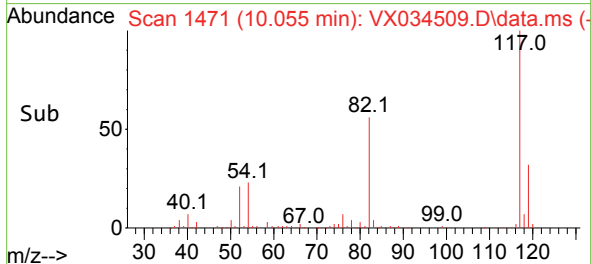
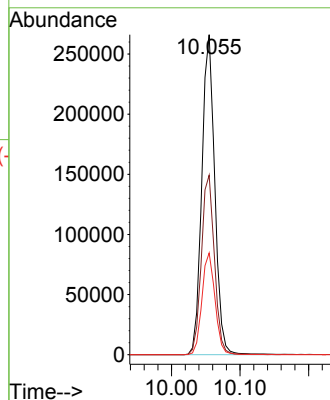
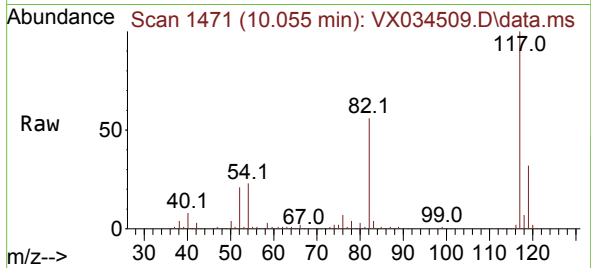




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

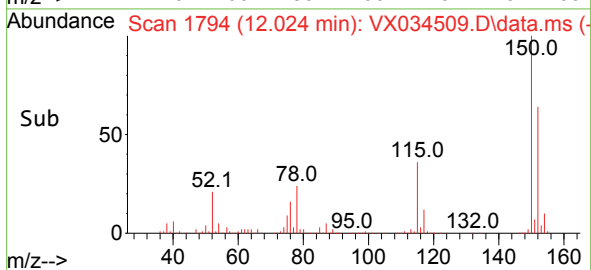
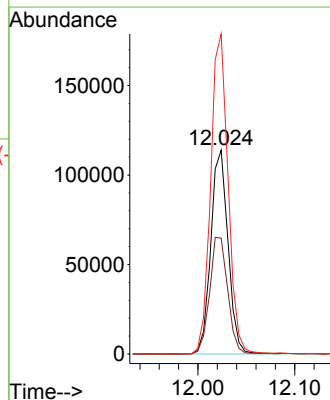
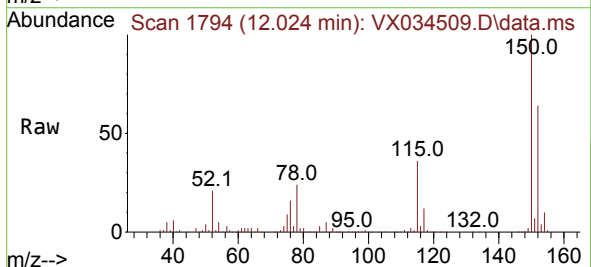
Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

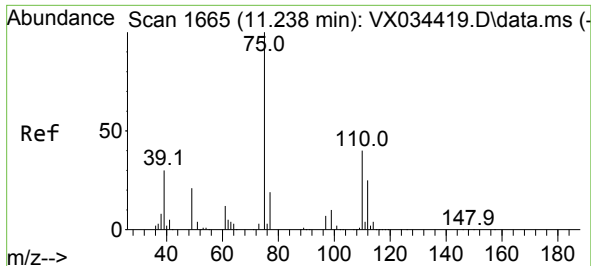
Tgt Ion:117 Resp: 350458
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion:152 Resp: 141284
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 158.7 0.0 352.4

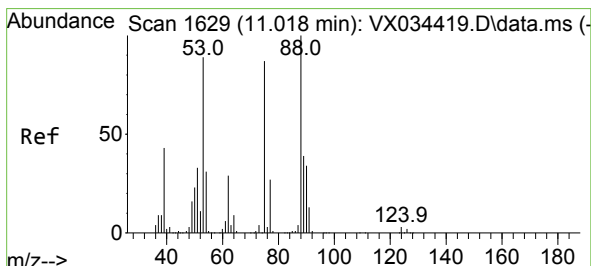
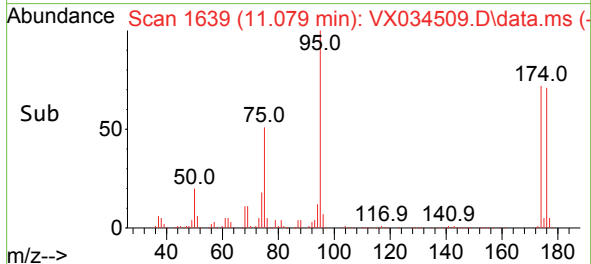
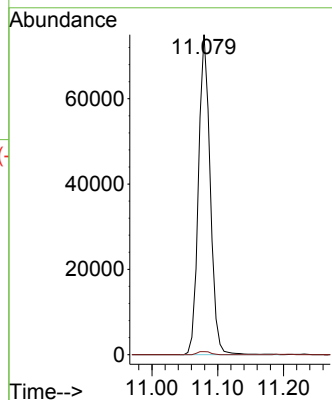
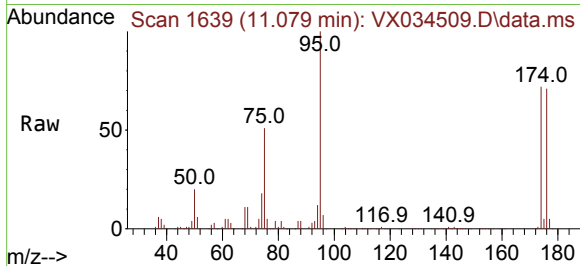




#76
1,2,3-Trichloropropane
Concen: 28.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Instrument :
MSVOA_X
ClientSampleId :
EB-01-031423

Tgt Ion: 75 Resp: 92877
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034509.D
Acq: 15 Mar 2023 15:35

Tgt Ion: 75 Resp: 92877
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

