

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040903.D
 Acq On : 05 Apr 2024 15:02
 Operator : JC/MD
 Sample : P1995-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 280648

Quant Time: Apr 05 23:21:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

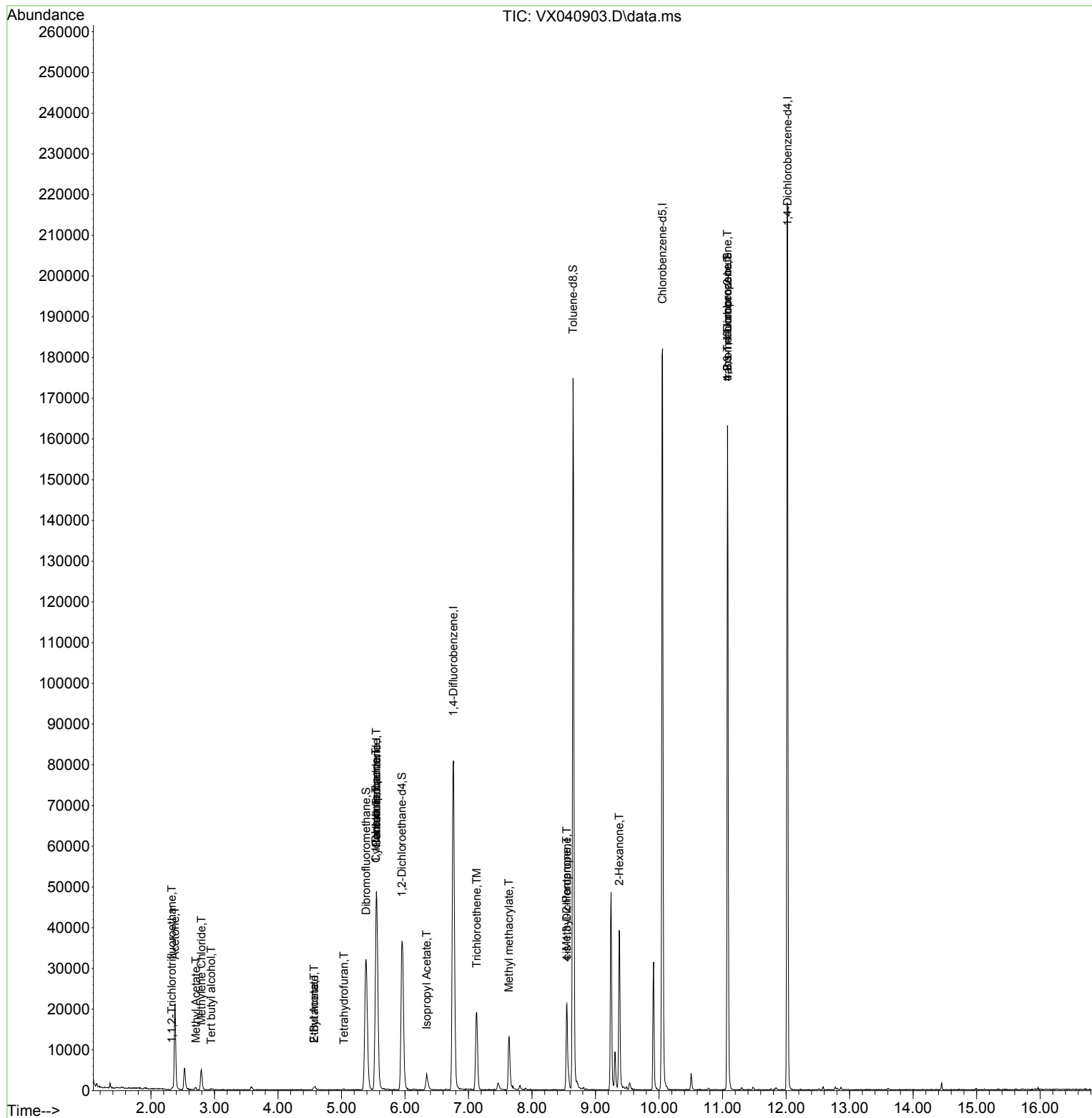
Internal Standards						
1) Pentafluorobenzene	5.550	168	42299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39065	51.472	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.385	113	27329	49.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.220%	
50) Toluene-d8	8.647	98	99320	49.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.079	95	41147	51.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	289	0.573	ug/l	95
11) Tert butyl alcohol	2.946	59	398	2.872	ug/l #	78
16) Acetone	2.379	43	23440	79.539	ug/l	100
18) Methyl Acetate	2.709	43	614	0.878	ug/l #	82
20) Methylene Chloride	2.794	84	2276	4.167	ug/l	95
25) 2-Butanone	4.568	43	1434	3.276	ug/l	90
29) Tetrahydrofuran	5.038	42	109	0.383	ug/l #	34
31) Cyclohexane	5.544	56	644	0.800	ug/l #	20
36) 1,1-Dichloropropene	5.544	75	4040	5.110	ug/l #	49
37) Ethyl Acetate	4.568	43	1434	1.477	ug/l #	69
38) Carbon Tetrachloride	5.550	117	4598	5.253	ug/l #	16
43) Isopropyl Acetate	6.342	43	5040	3.361	ug/l	97
44) Trichloroethene	7.129	130	6927	12.639	ug/l	97
48) Methyl methacrylate	7.635	41	550	0.749	ug/l #	28
51) 4-Methyl-2-Pentanone	8.543	43	10164	10.220	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	2992	3.378	ug/l #	71
59) 2-Hexanone	9.372	43	26944	33.779	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	23890	27.980	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23890	75.492	ug/l #	5

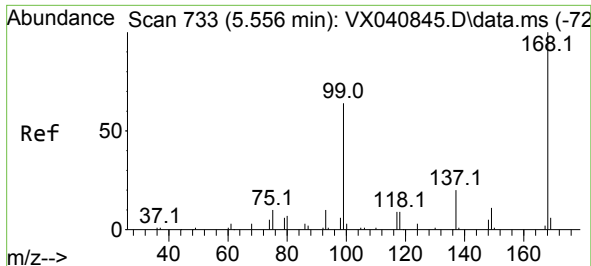
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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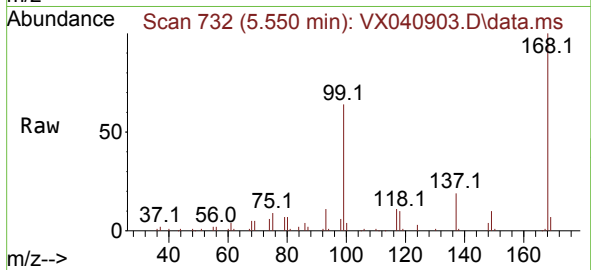
Quant Time: Apr 05 23:21:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
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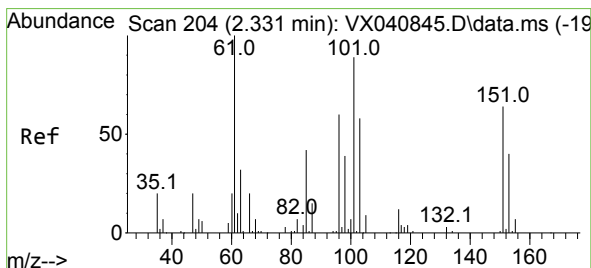
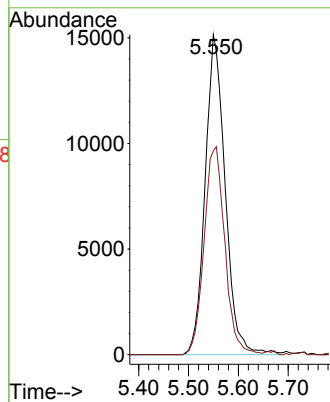
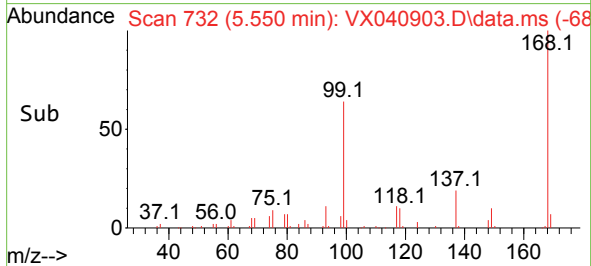


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :
280648

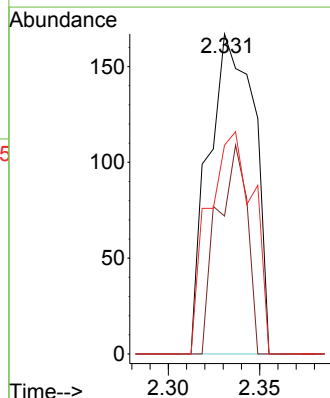
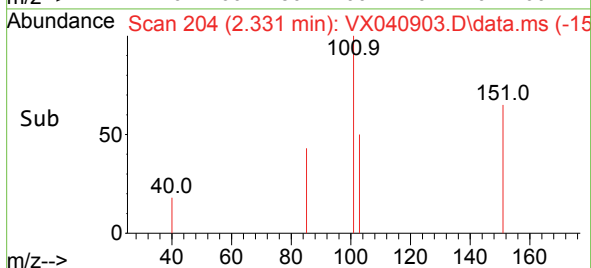
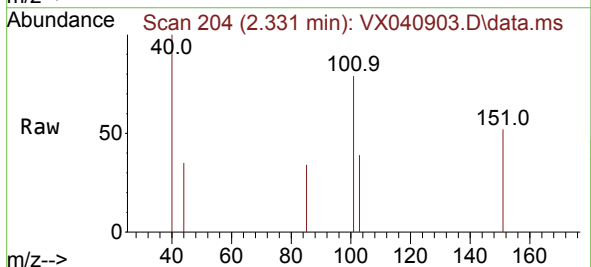


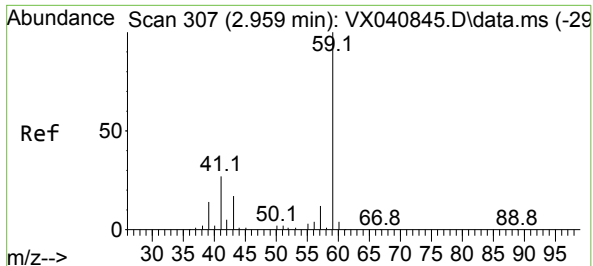
Tgt Ion:168 Resp: 42299
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.573 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion:101 Resp: 289
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 68.9 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.872 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX040903.D

Acq: 05 Apr 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

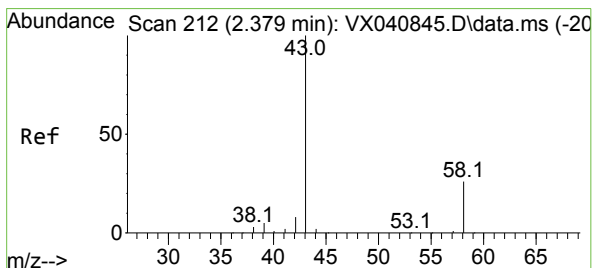
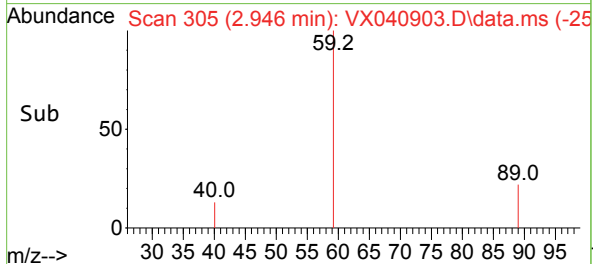
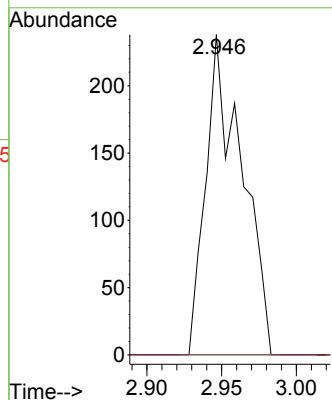
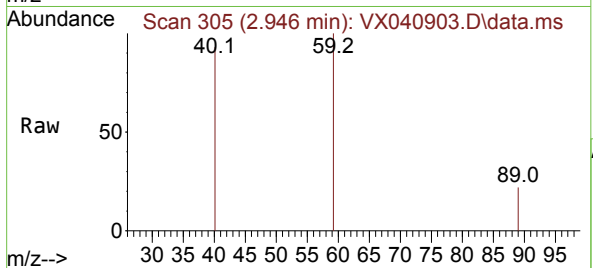
280648

Tgt Ion: 59 Resp: 398

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 79.539 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040903.D

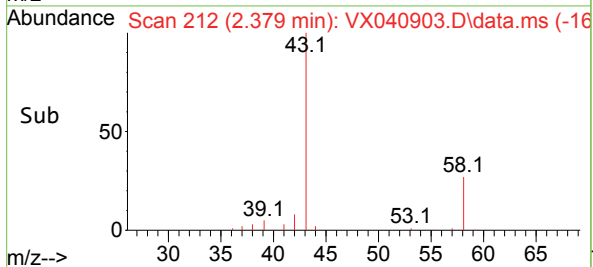
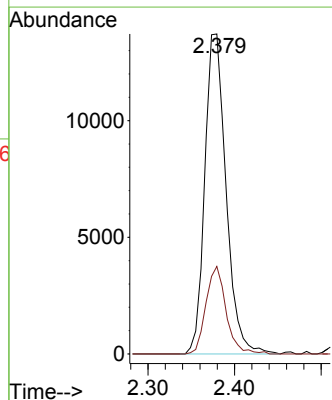
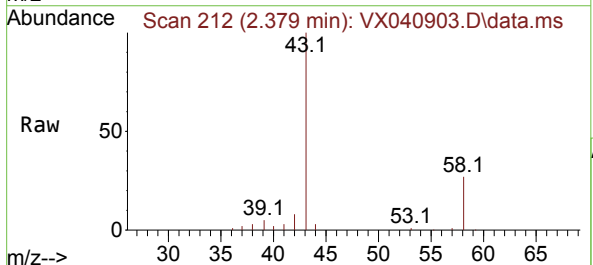
Acq: 05 Apr 2024 15:02

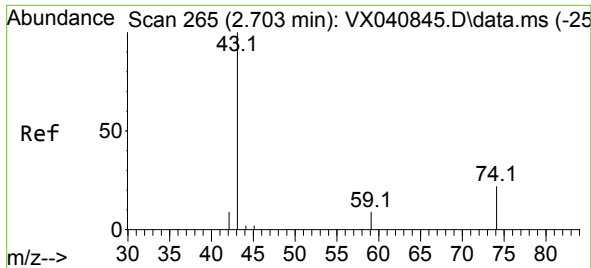
Tgt Ion: 43 Resp: 23440

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9





#18

Methyl Acetate

Concen: 0.878 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040903.D

Acq: 05 Apr 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

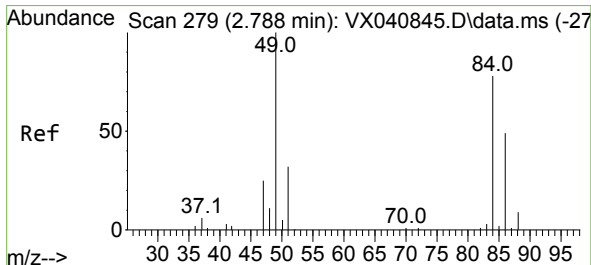
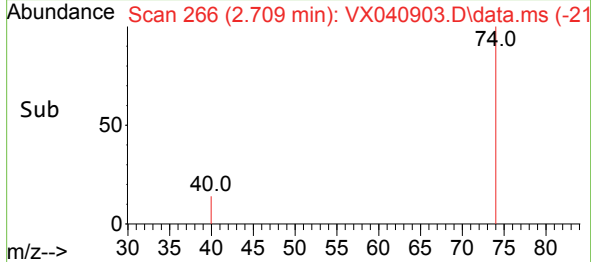
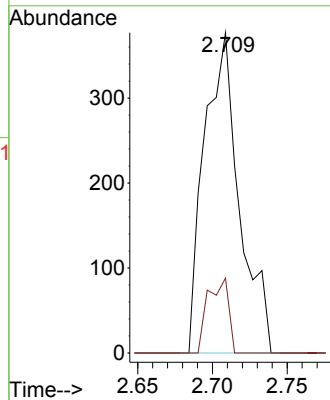
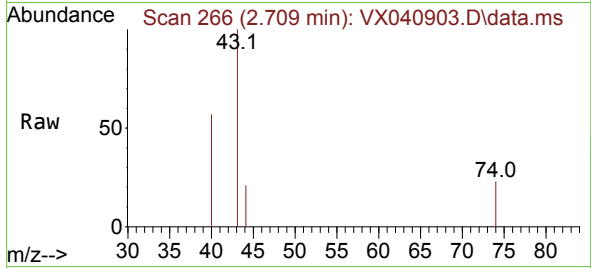
280648

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

74 13.7 17.8 26.8#



#20

Methylene Chloride

Concen: 4.167 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040903.D

Acq: 05 Apr 2024 15:02

Tgt Ion: 84 Resp: 2276

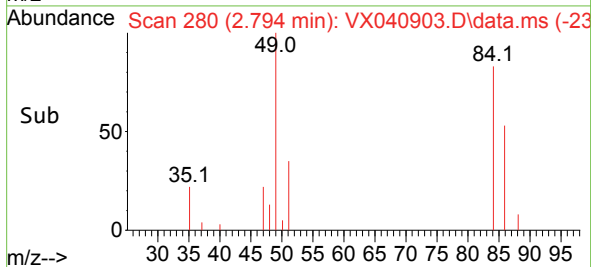
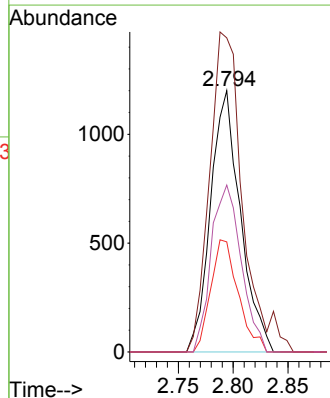
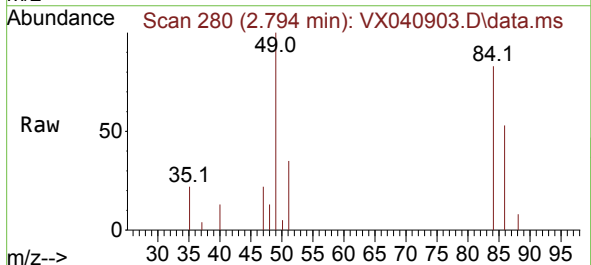
Ion Ratio Lower Upper

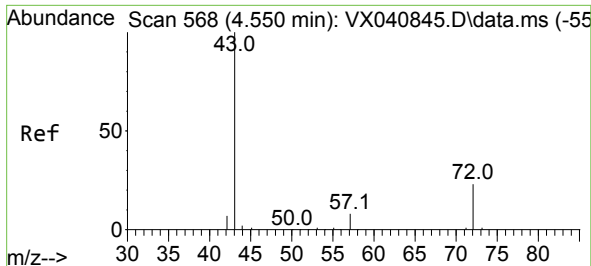
84 100

49 120.2 103.6 155.4

51 42.2 33.8 50.6

86 63.9 49.4 74.0





#25

2-Butanone

Concen: 3.276 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040903.D

Acq: 05 Apr 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

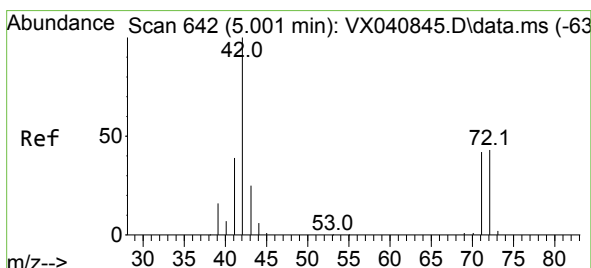
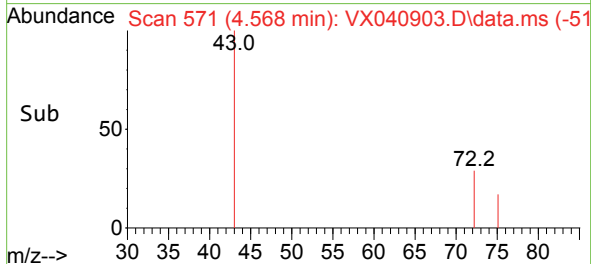
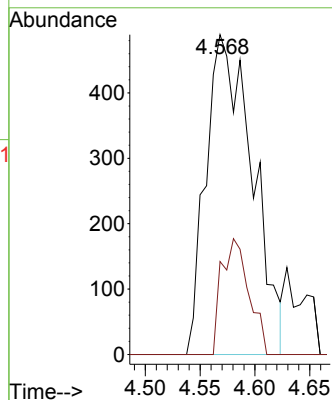
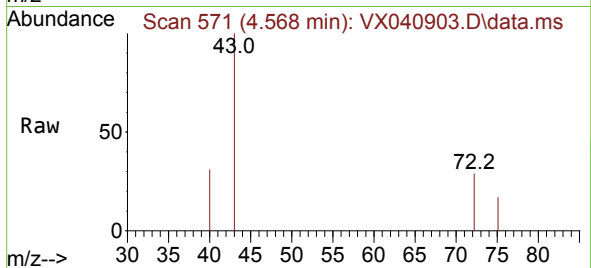
280648

Tgt Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

72 29.0 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.383 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.037 min

Lab File: VX040903.D

Acq: 05 Apr 2024 15:02

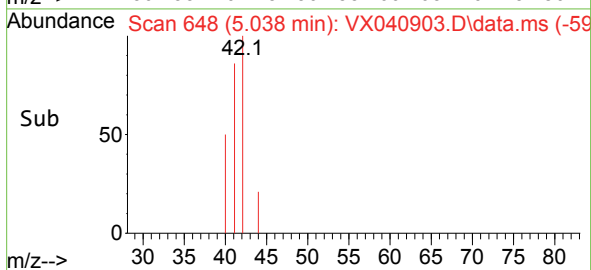
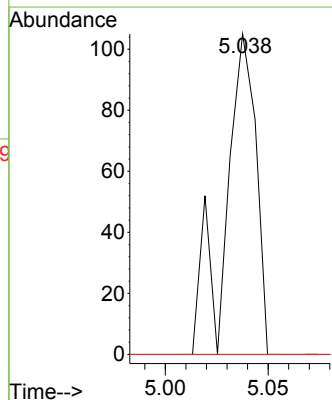
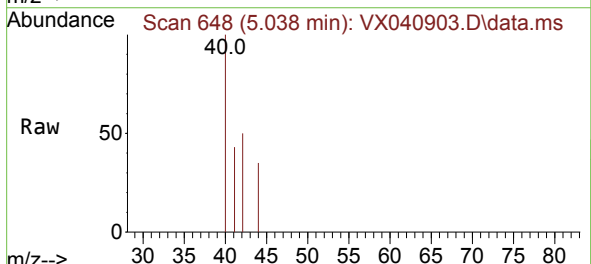
Tgt Ion: 42 Resp: 109

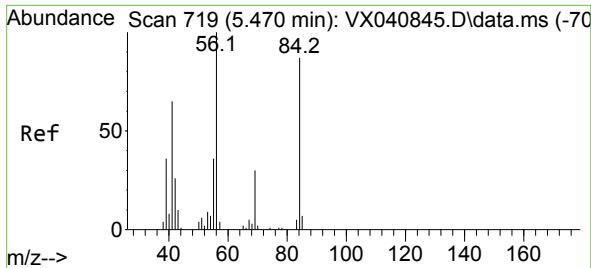
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

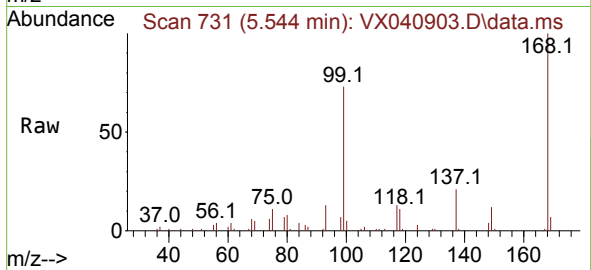
71 0.0 32.2 48.2#



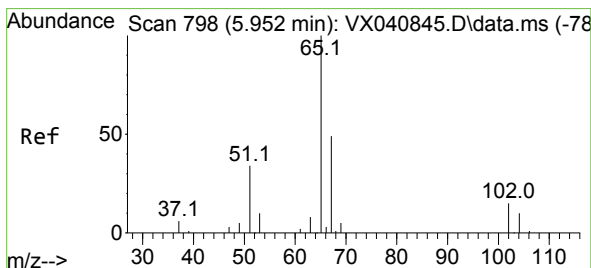
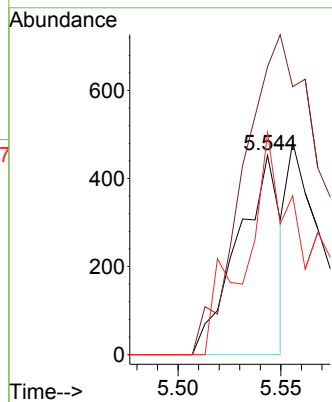
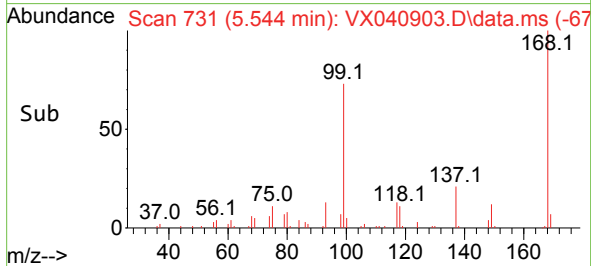


#31
Cyclohexane
Concen: 0.800 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :
280648

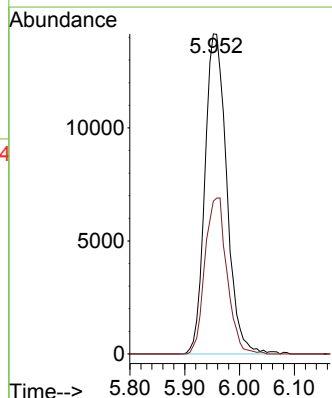
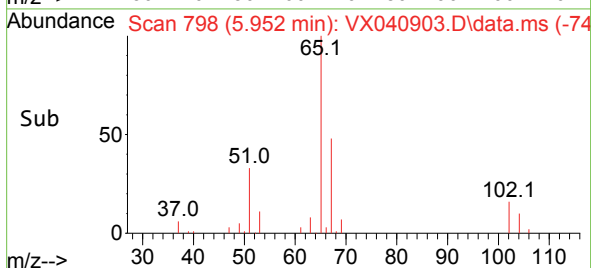
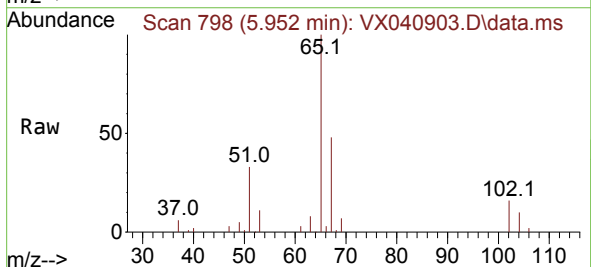


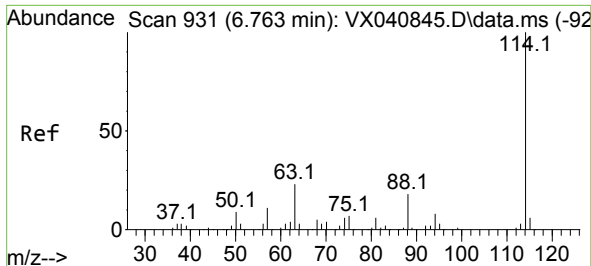
Tgt Ion: 56 Resp: 644
Ion Ratio Lower Upper
56 100
69 144.4 23.4 35.2#
84 111.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.472 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 65 Resp: 39065
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.2

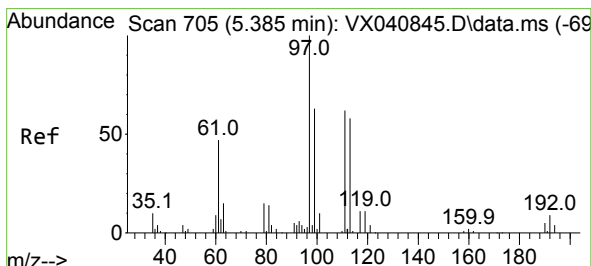
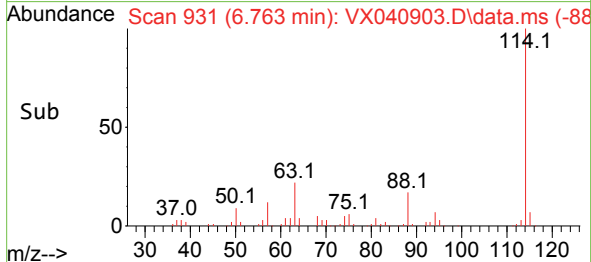
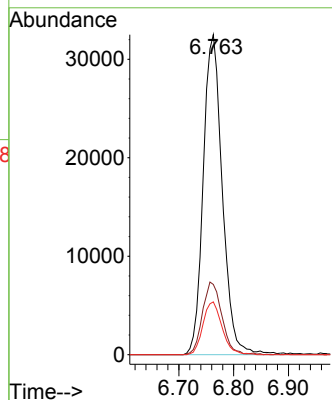
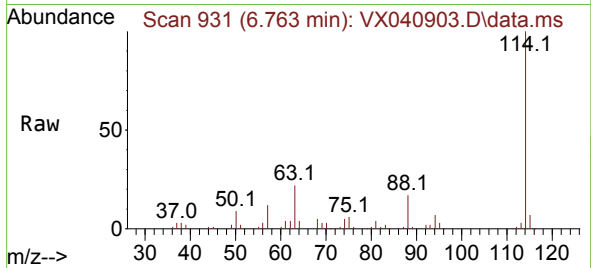




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

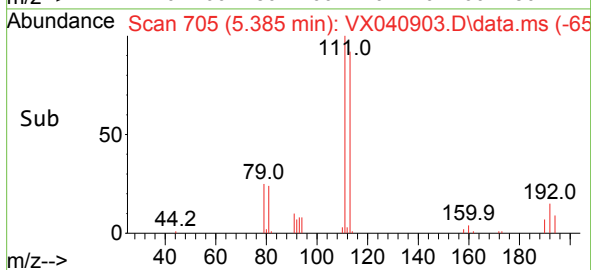
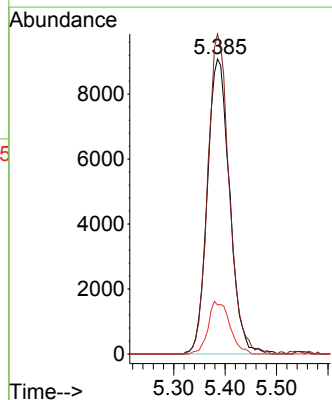
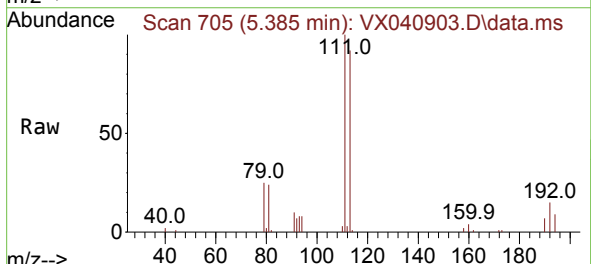
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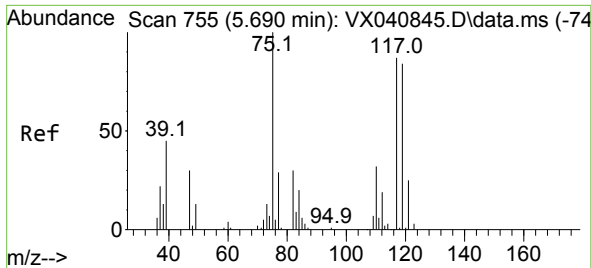
Tgt Ion:114 Resp: 78563
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.112 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

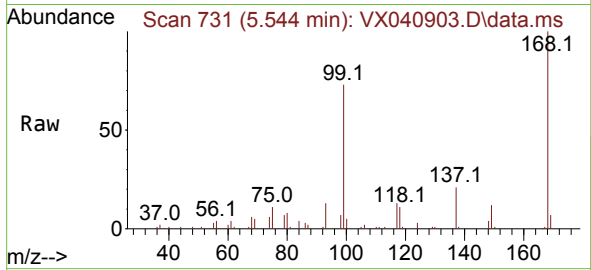
Tgt Ion:113 Resp: 27329
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 17.2 13.3 19.9



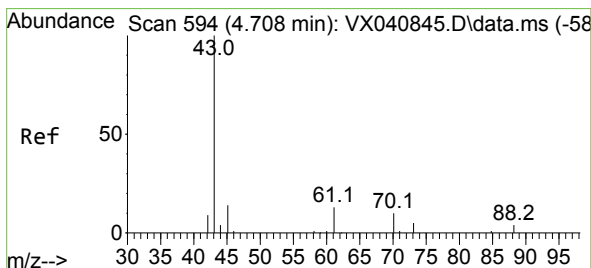
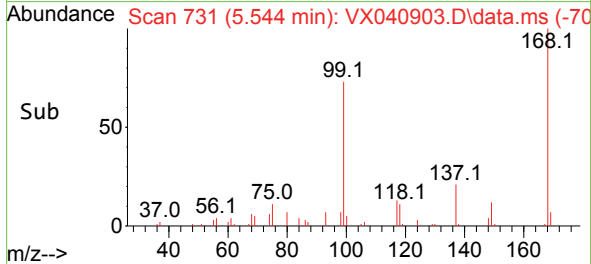
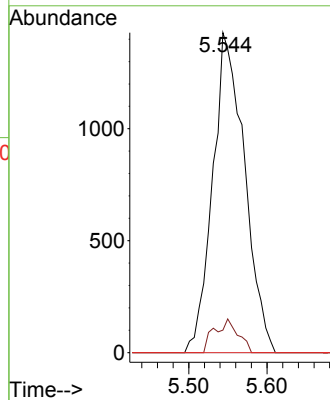


#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :
280648

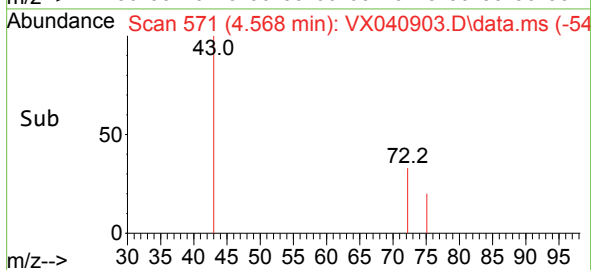
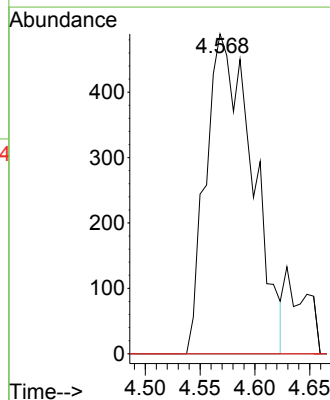
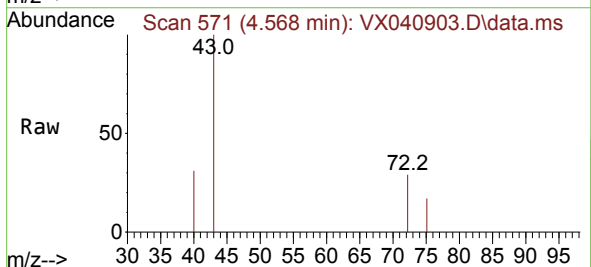


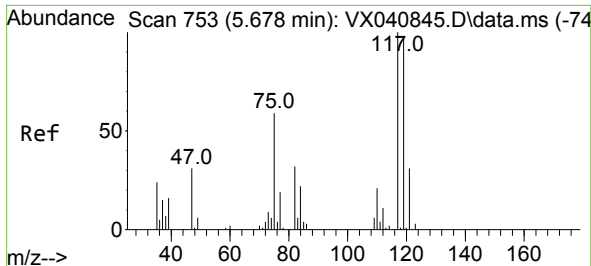
Tgt Ion: 75 Resp: 4040
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.477 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.140 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

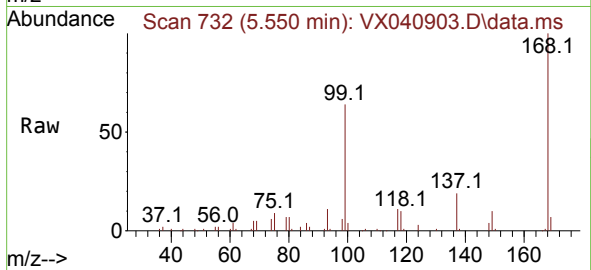
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



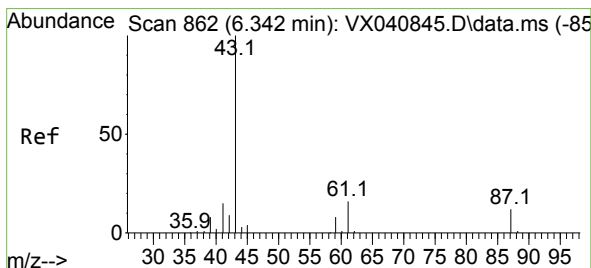
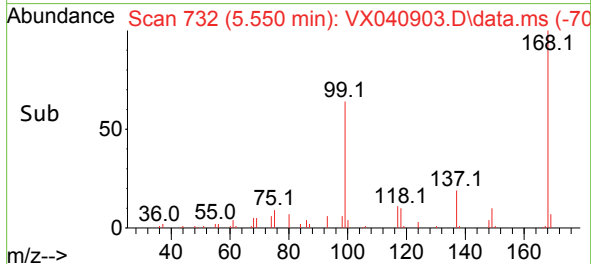
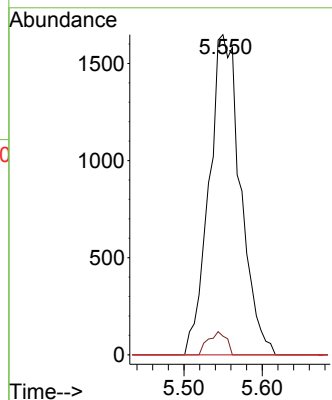


#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :
280648

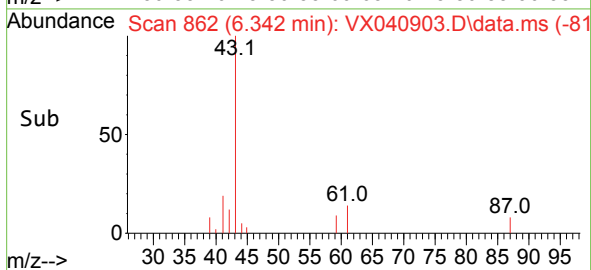
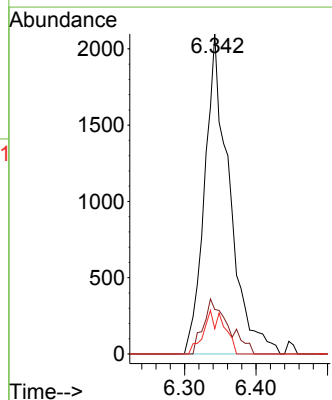
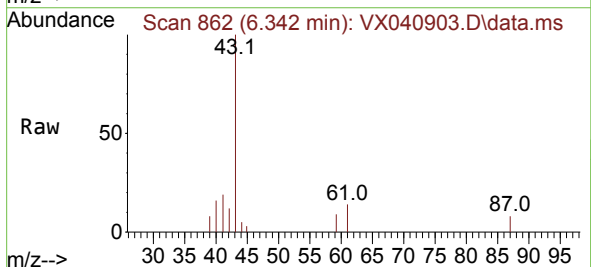


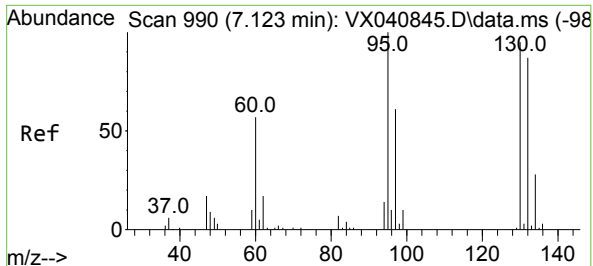
Tgt Ion: 117 Resp: 4598
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.361 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 43 Resp: 5040
Ion Ratio Lower Upper
43 100
61 17.3 15.2 22.8
87 11.4 9.8 14.6

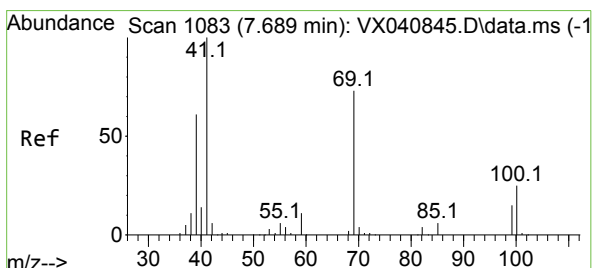
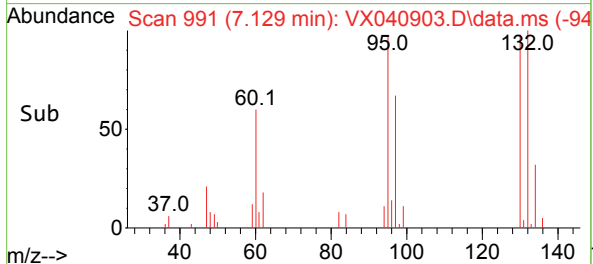
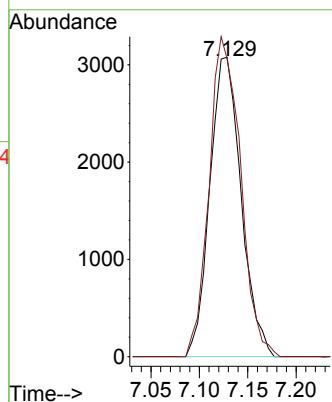
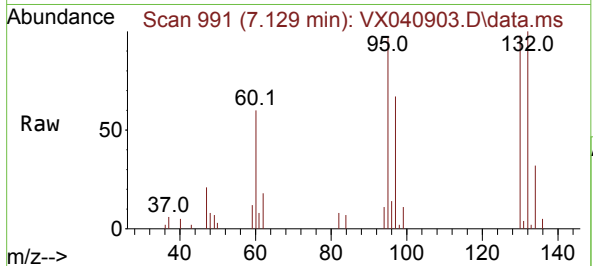




#44
Trichloroethene
Concen: 12.639 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

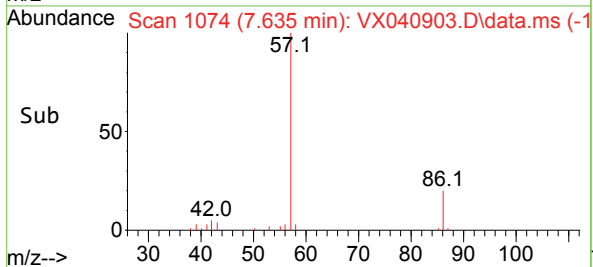
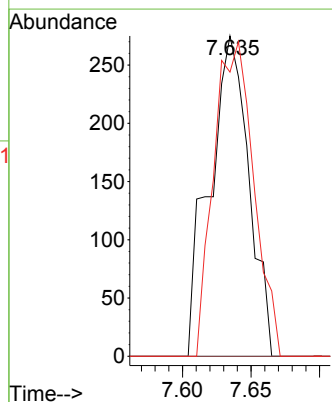
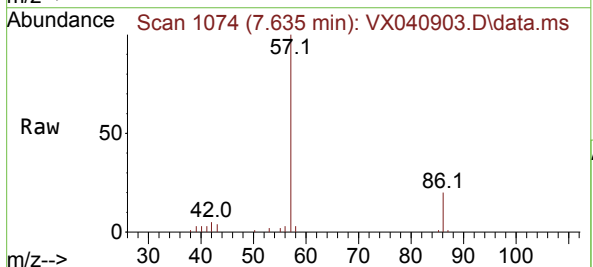
Instrument :
MSVOA_X
ClientSampleId :
280648

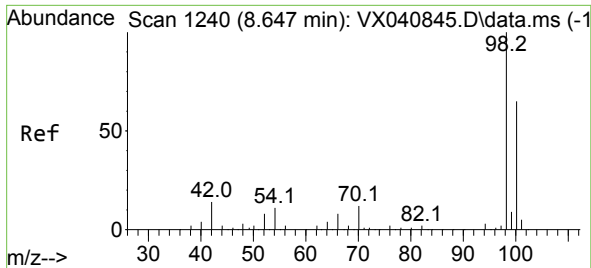
Tgt Ion:130 Resp: 6927
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#48
Methyl methacrylate
Concen: 0.749 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.055 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 41 Resp: 550
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 99.6 47.7 71.5#

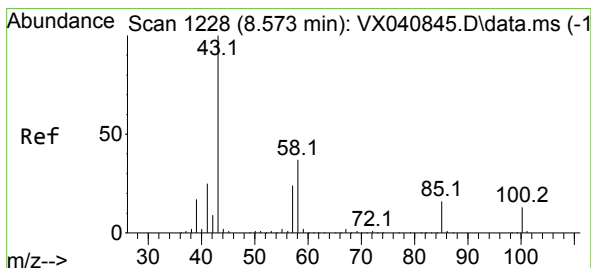
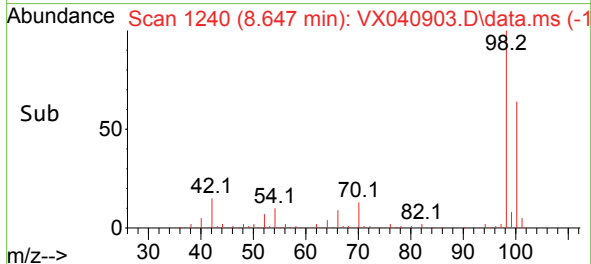
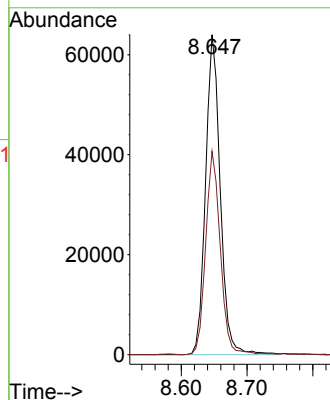
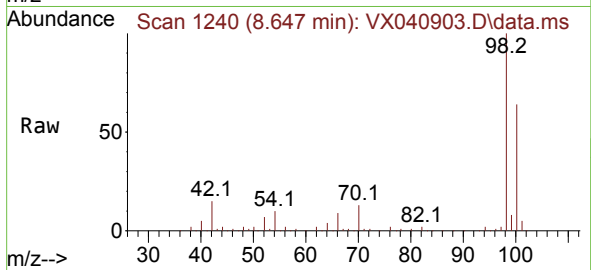




#50
Toluene-d8
Concen: 49.394 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

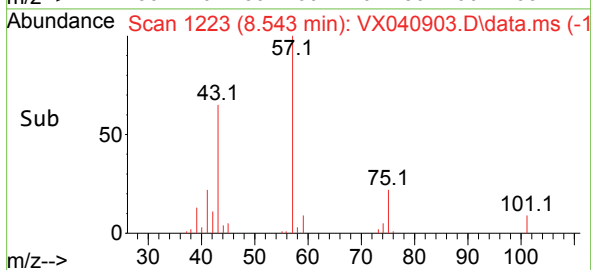
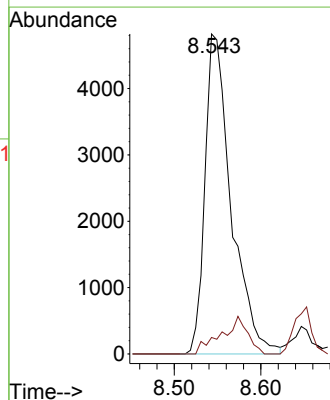
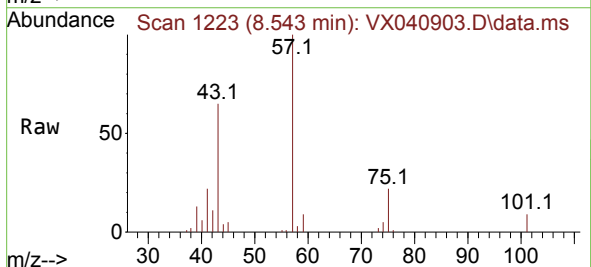
Instrument :
MSVOA_X
ClientSampleId :
280648

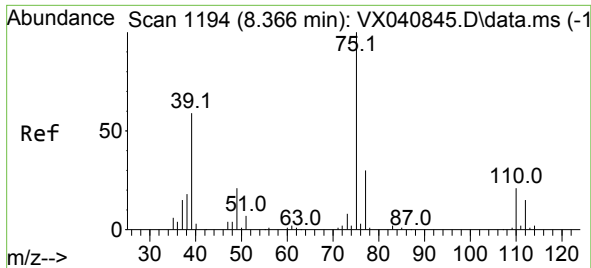
Tgt Ion: 98 Resp: 99320
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 10.220 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.030 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 43 Resp: 10164
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

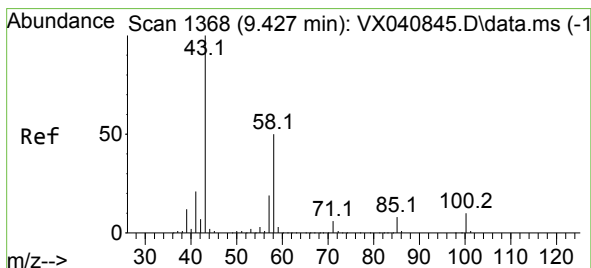
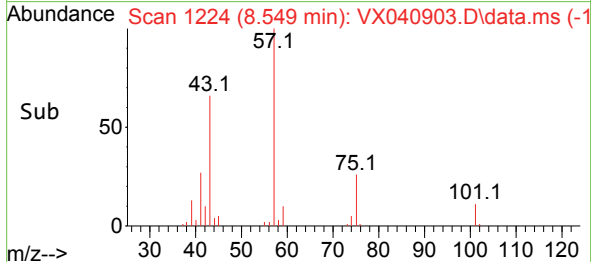
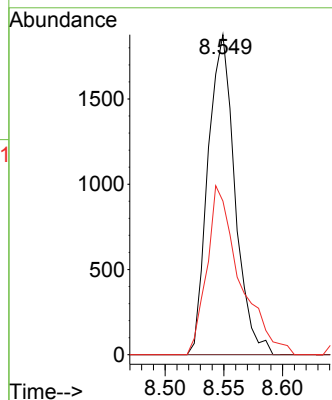
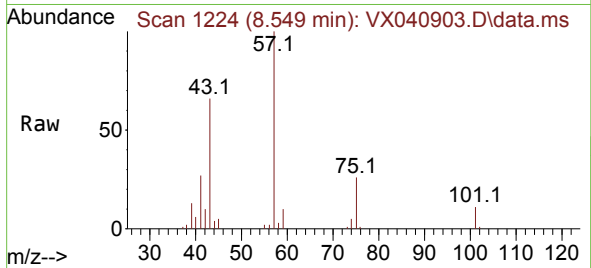




#54
cis-1,3-Dichloropropene
Concen: 3.378 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

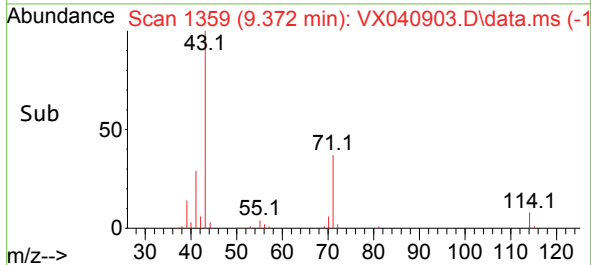
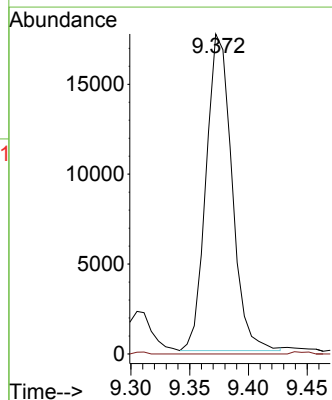
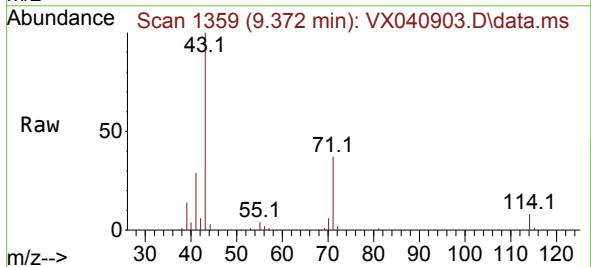
Instrument :
MSVOA_X
ClientSampleId :
280648

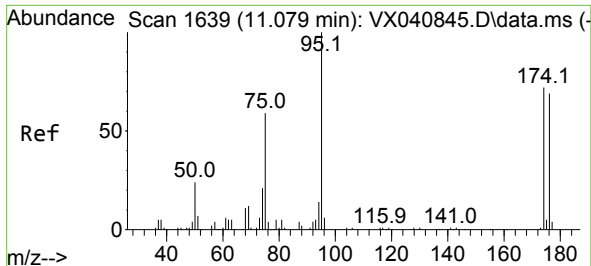
Tgt Ion: 75 Resp: 2992
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 48.0 46.7 70.1



#59
2-Hexanone
Concen: 33.779 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 43 Resp: 26944
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

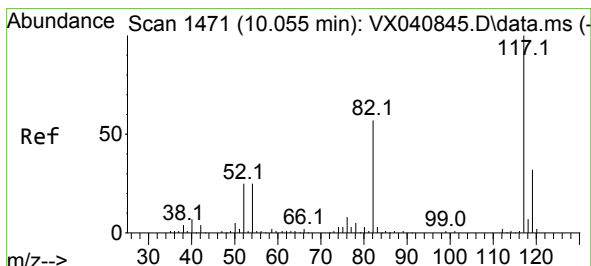
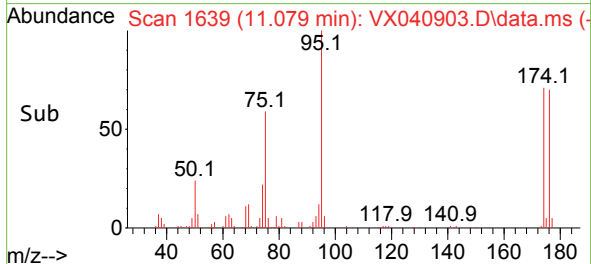
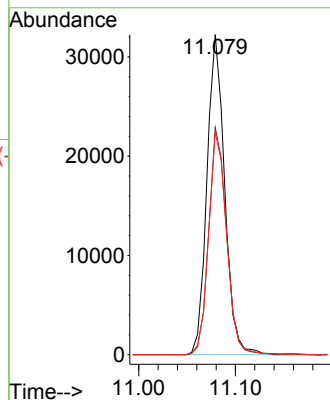
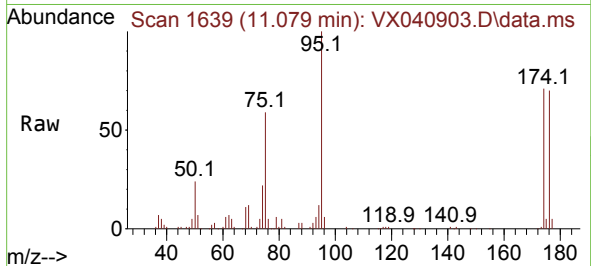




#62
4-Bromofluorobenzene
Concen: 51.242 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

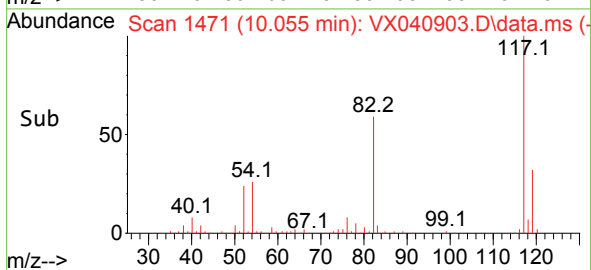
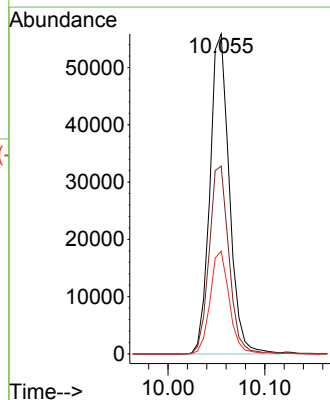
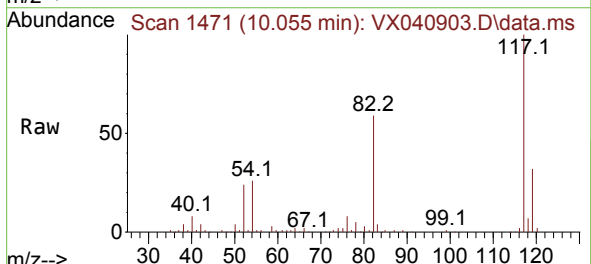
Instrument :
MSVOA_X
ClientSampleId :
280648

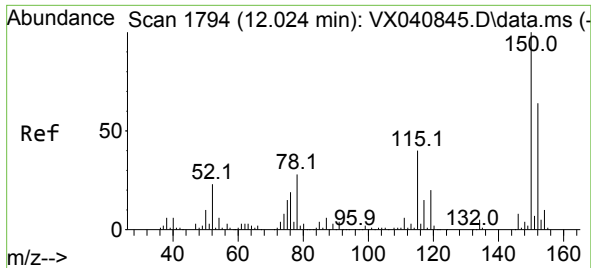
Tgt Ion: 95 Resp: 41147
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040903.D
Acq: 05 Apr 2024 15:02

Tgt Ion: 117 Resp: 78075
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 32.1 25.5 38.3

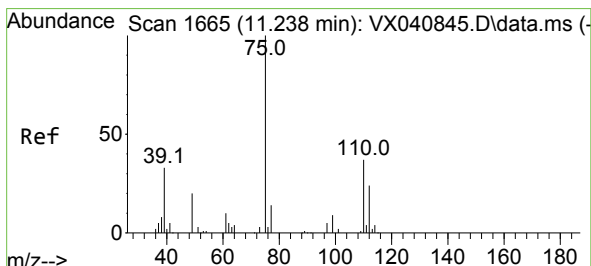
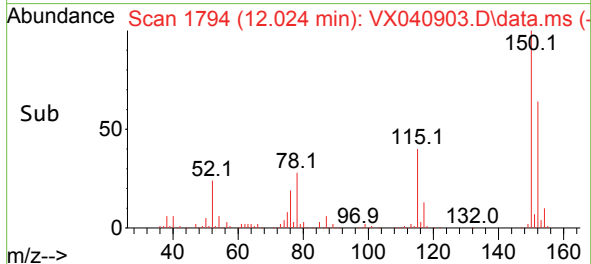
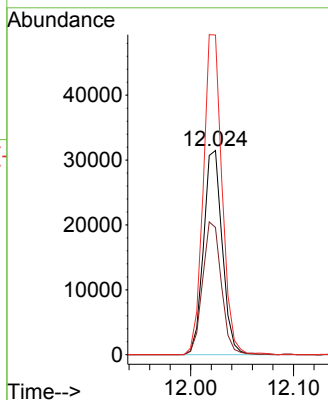
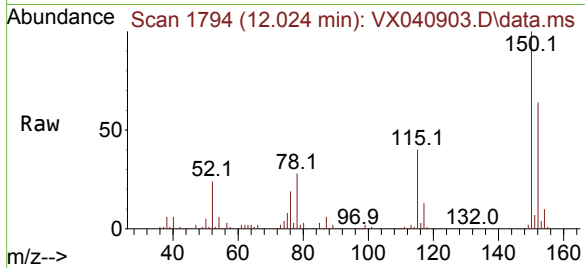




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040903.D
 Acq: 05 Apr 2024 15:02

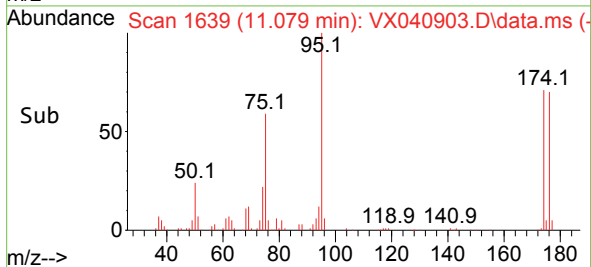
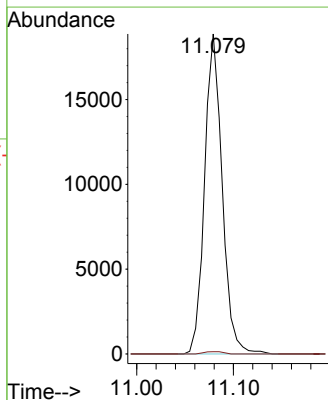
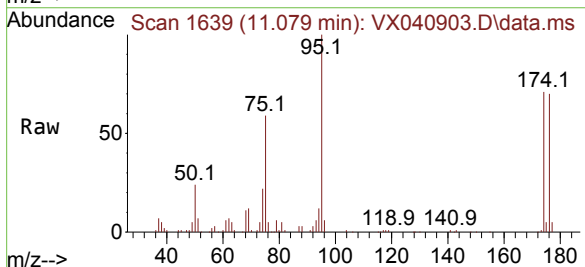
Instrument :
 MSVOA_X
 ClientSampleId :
 280648

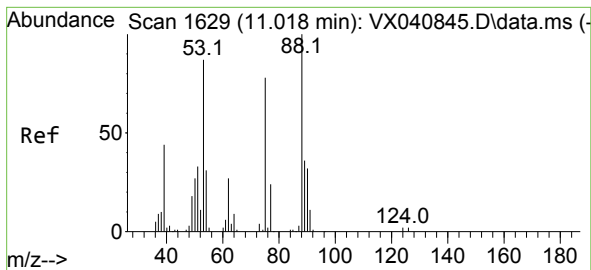
Tgt Ion:152 Resp: 40040
 Ion Ratio Lower Upper
 152 100
 115 65.0 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.980 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040903.D
 Acq: 05 Apr 2024 15:02

Tgt Ion: 75 Resp: 23890
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.492 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040903.D
 Acq: 05 Apr 2024 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 280648

Tgt Ion: 75 Resp: 23890
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

