

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036816.D
 Acq On : 04 Aug 2023 17:31
 Operator : JC/MD
 Sample : 03877-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

Quant Time: Aug 04 23:08:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

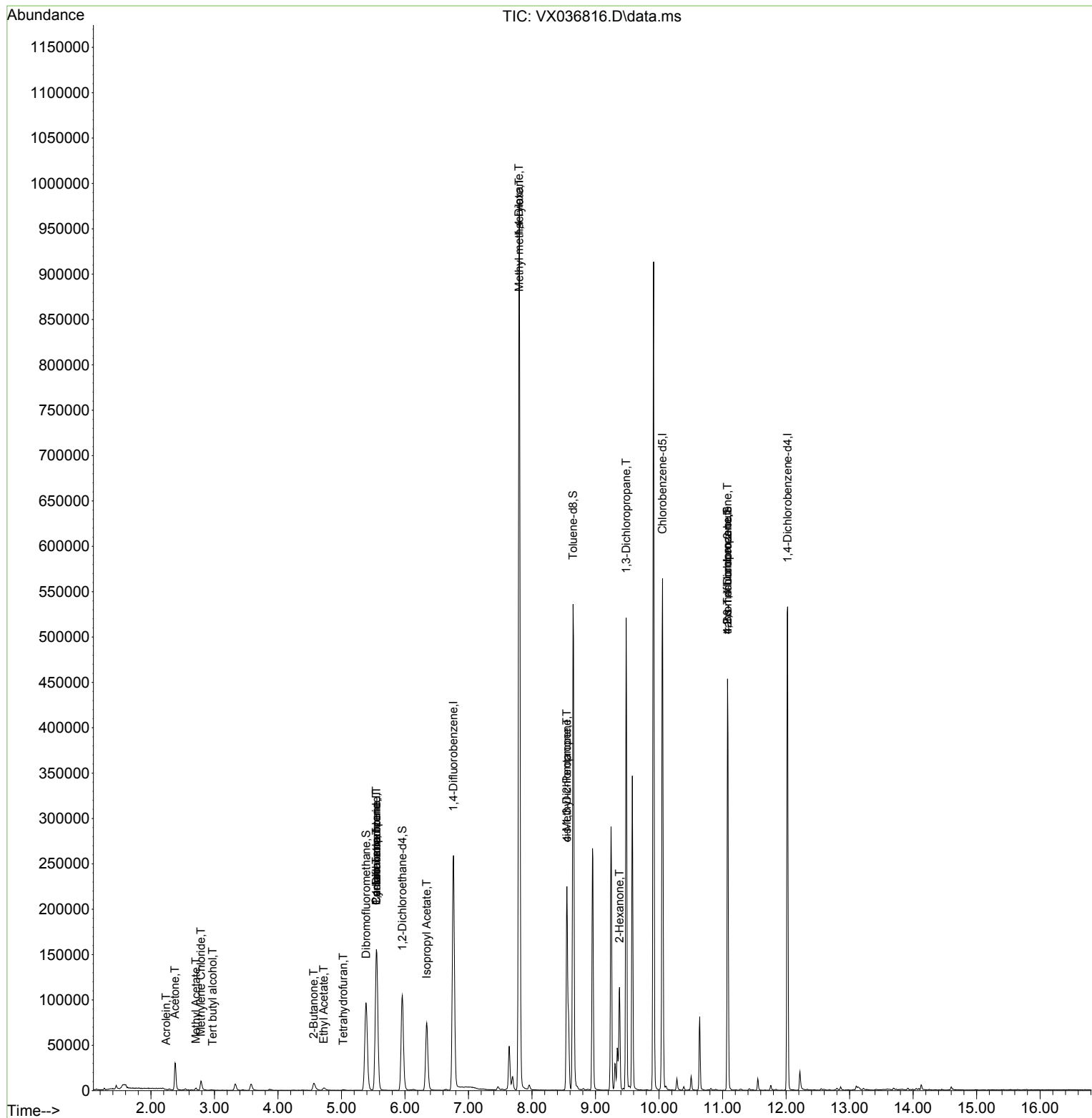
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	143424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101340	47.753	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.500%
35) Dibromofluoromethane	5.385	113	84988	46.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	318456	49.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	119164	48.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	606	1.206	ug/l #	78
13) Acrolein	2.239	56	107	0.373	ug/l #	56
16) Acetone	2.379	43	33486	38.025	ug/l	92
18) Methyl Acetate	2.709	43	2585	0.698	ug/l	91
20) Methylene Chloride	2.788	84	5201	2.656	ug/l	89
25) 2-Butanone	4.562	43	15112	10.577	ug/l	99
29) Tetrahydrofuran	5.025	42	643	0.698	ug/l #	57
31) Cyclohexane	5.550	56	3406	1.159	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11716	4.299	ug/l #	51
37) Ethyl Acetate	4.721	43	4743	1.538	ug/l #	96
38) Carbon Tetrachloride	5.550	117	15277	5.273	ug/l #	16
43) Isopropyl Acetate	6.342	43	103527	19.498	ug/l	96
48) Methyl methacrylate	7.799	41	82481	33.402	ug/l #	49
49) 1,4-Dioxane	7.793	88	127	2.546	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	113679	38.688	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	36818	10.151	ug/l #	53
57) 1,3-Dichloropropane	9.482	76	4526	1.301	ug/l #	42
59) 2-Hexanone	9.378	43	85107	39.026	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	62534	24.085	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62534	54.589	ug/l #	5

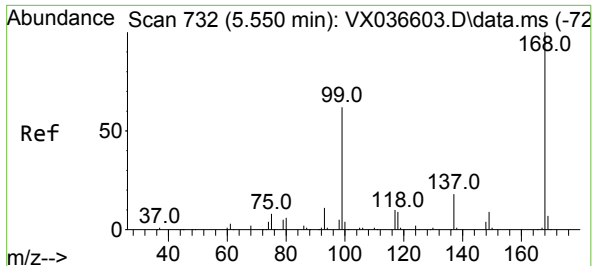
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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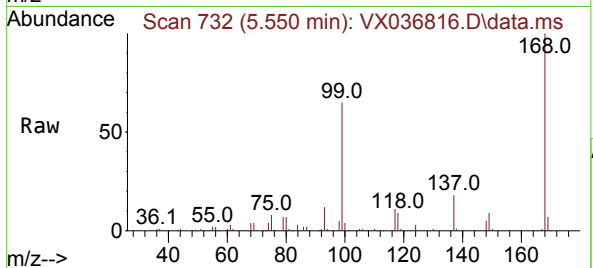
Quant Time: Aug 04 23:08:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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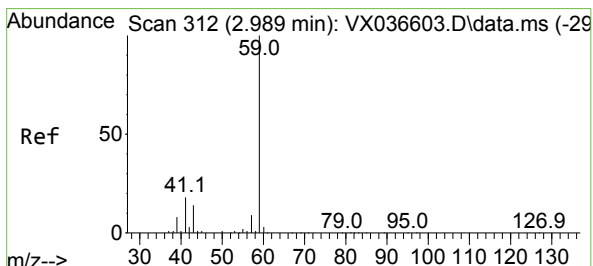
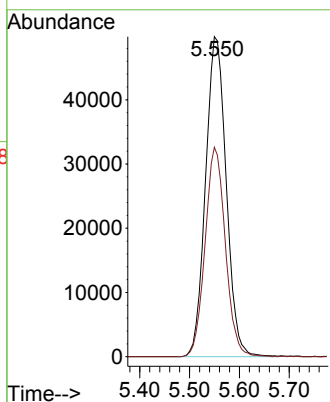
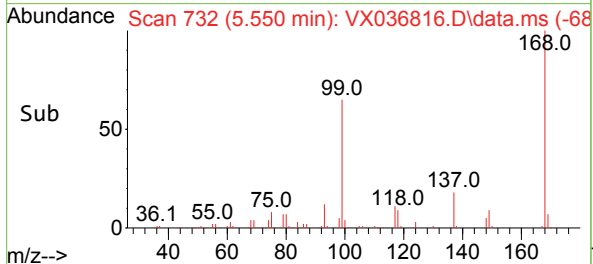


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

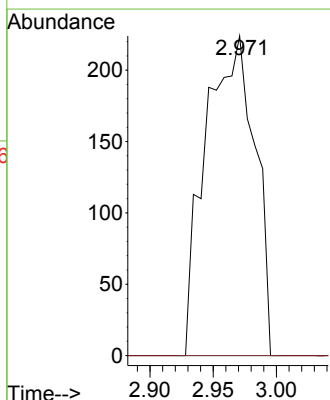
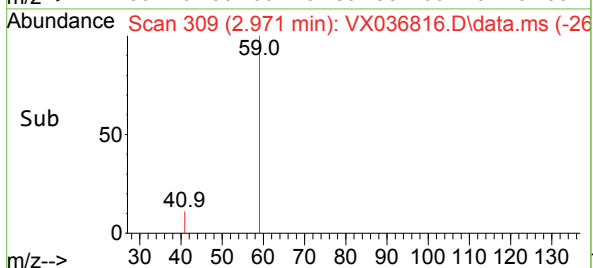
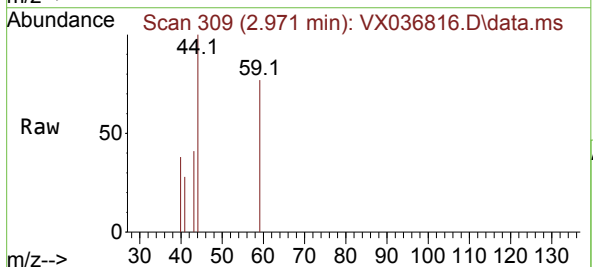


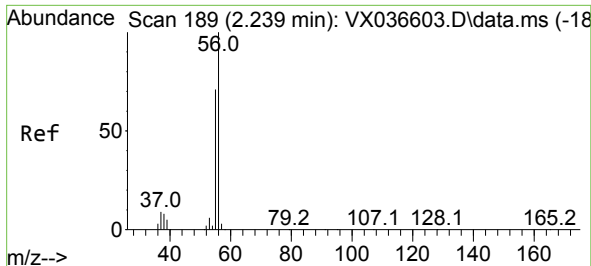
Tgt Ion:168 Resp: 143424
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.206 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.373 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036816.D

Acq: 04 Aug 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

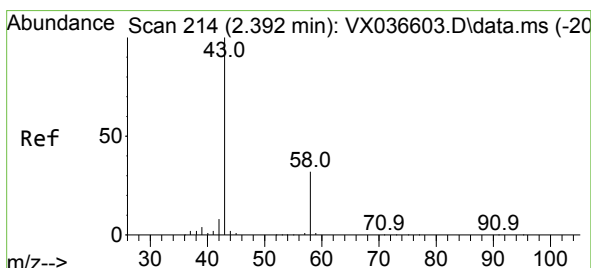
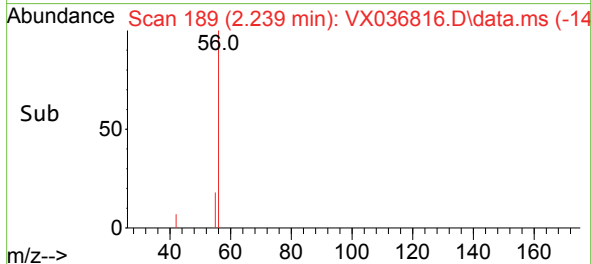
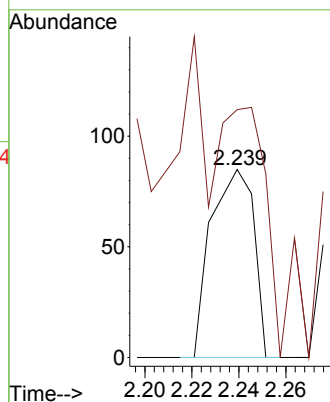
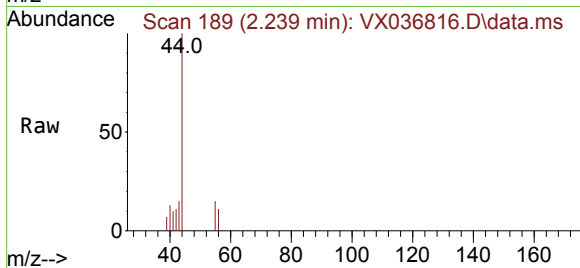
COMP-1

Tgt Ion: 56 Resp: 107

Ion Ratio Lower Upper

56 100

55 34.6 57.1 85.7#



#16

Acetone

Concen: 38.025 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX036816.D

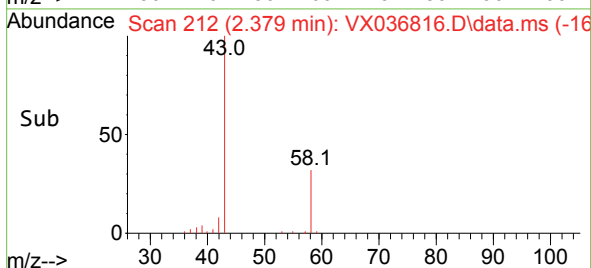
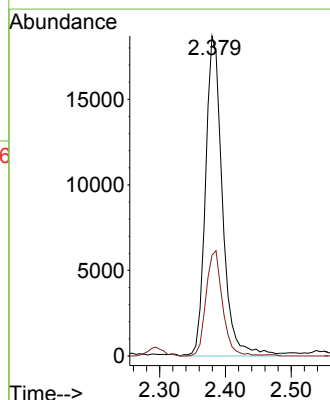
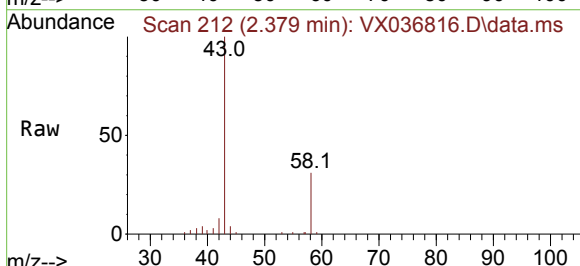
Acq: 04 Aug 2023 17:31

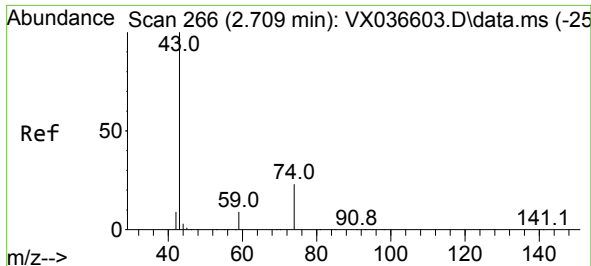
Tgt Ion: 43 Resp: 33486

Ion Ratio Lower Upper

43 100

58 31.5 21.9 32.9





#18

Methyl Acetate

Concen: 0.698 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX036816.D

Acq: 04 Aug 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

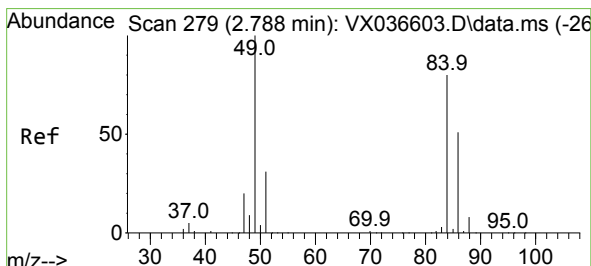
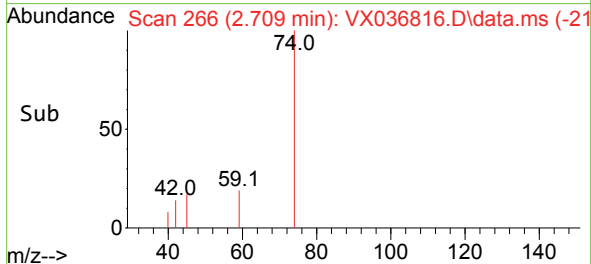
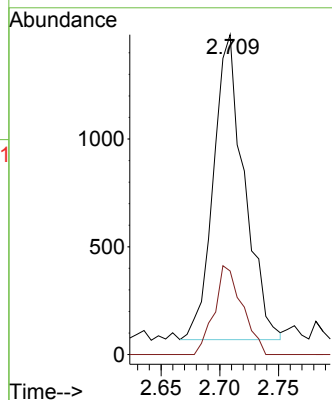
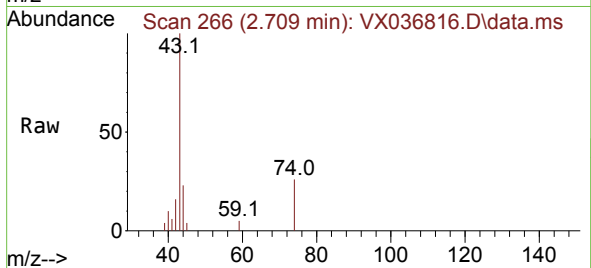
COMP-1

Tgt Ion: 43 Resp: 2585

Ion Ratio Lower Upper

43 100

74 26.4 17.8 26.8



#20

Methylene Chloride

Concen: 2.656 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036816.D

Acq: 04 Aug 2023 17:31

Tgt Ion: 84 Resp: 5201

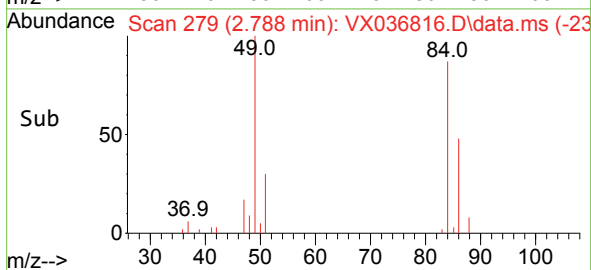
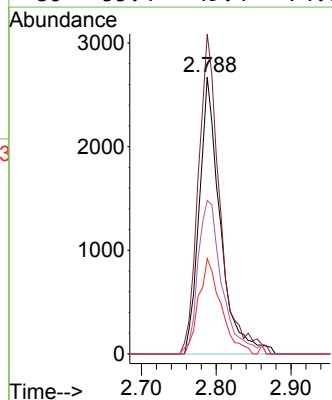
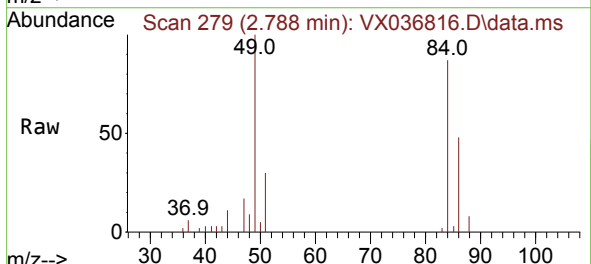
Ion Ratio Lower Upper

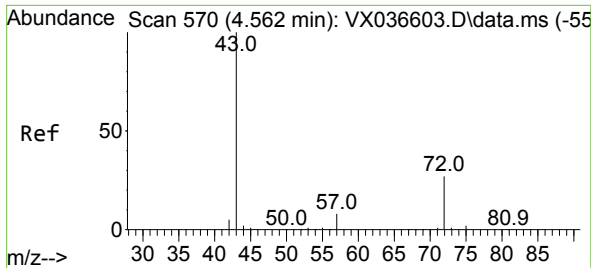
84 100

49 115.5 103.6 155.4

51 34.4 33.8 50.6

86 55.4 49.4 74.0

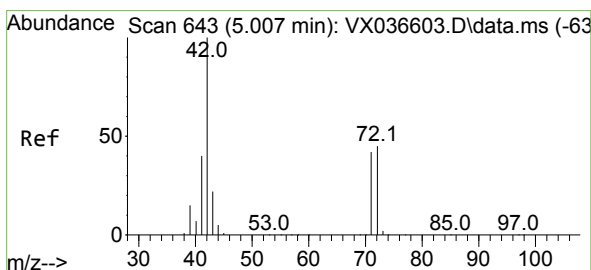
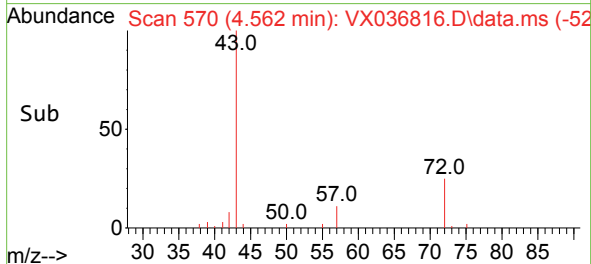
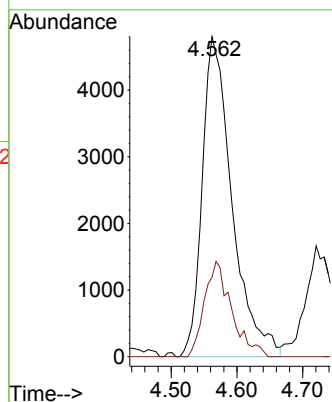
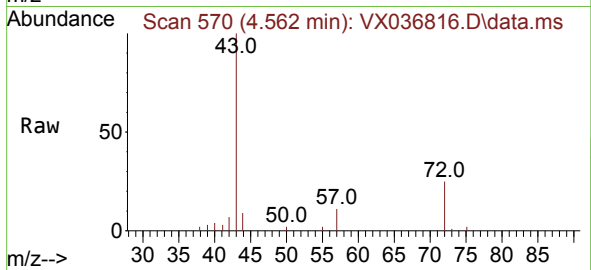




#25
2-Butanone
Concen: 10.577 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

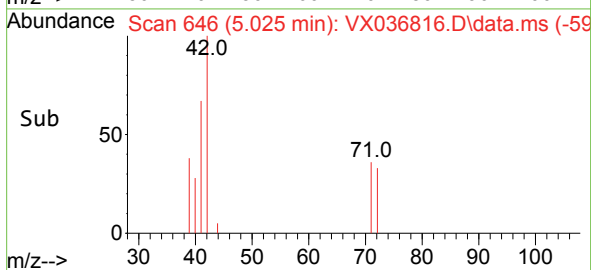
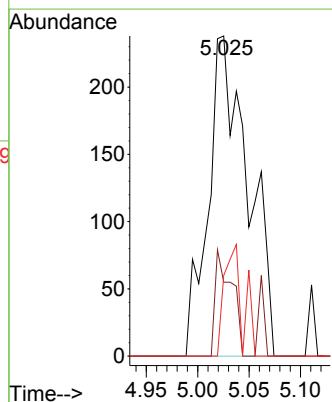
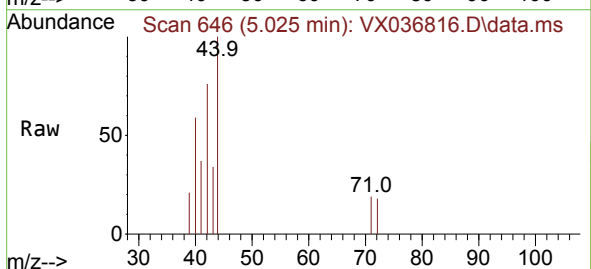
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

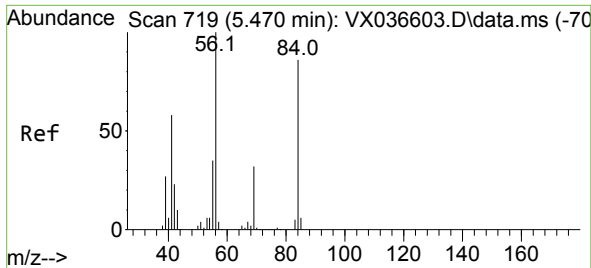
Tgt Ion: 43 Resp: 15112
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.698 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
72 13.7 34.2 51.4#
71 15.9 32.2 48.2#

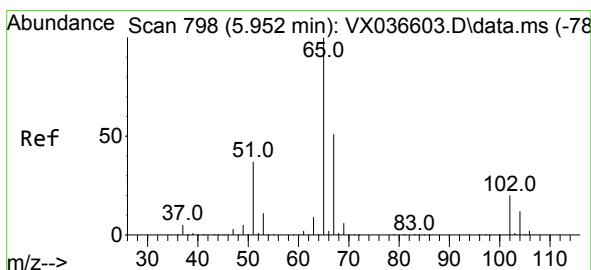
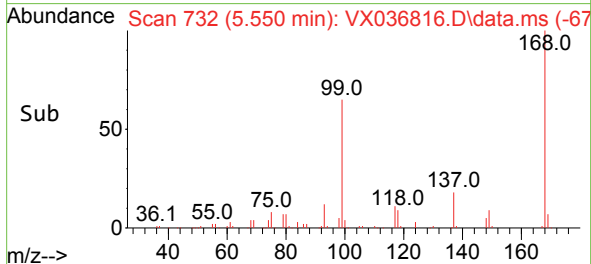
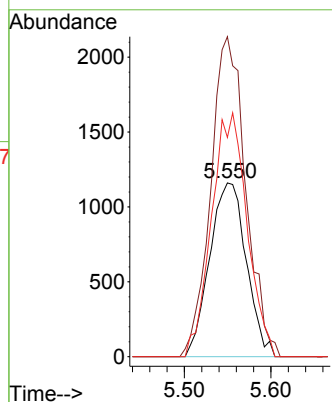
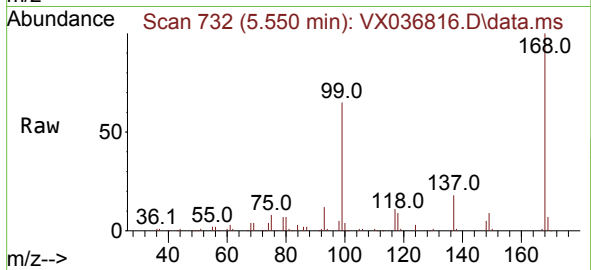




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

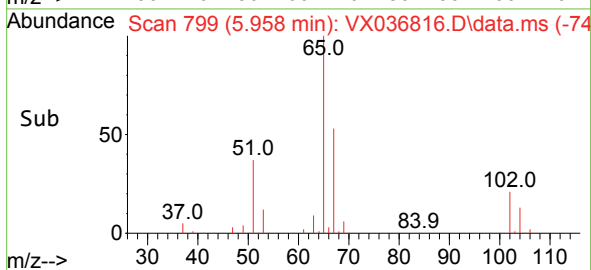
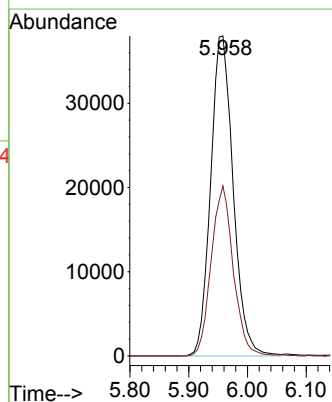
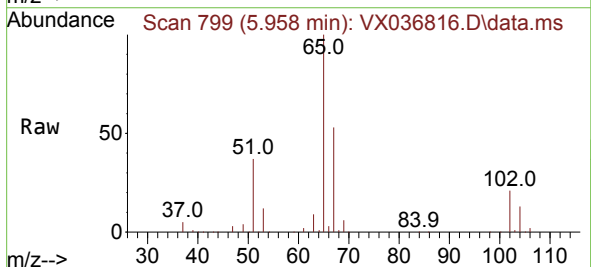
Instrument :
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ClientSampleId :
COMP-1

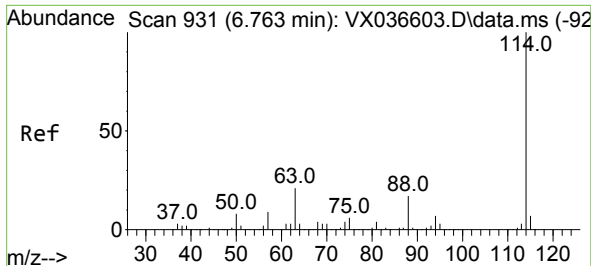
Tgt Ion: 56 Resp: 3406
Ion Ratio Lower Upper
56 100
69 184.2 23.4 35.2#
84 126.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.753 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 65 Resp: 101340
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

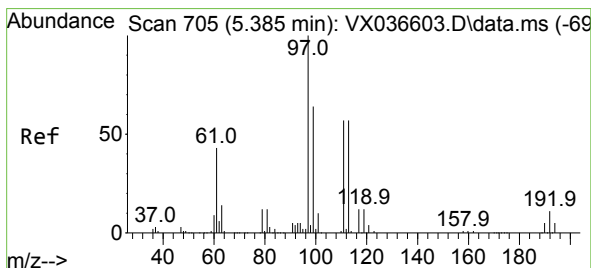
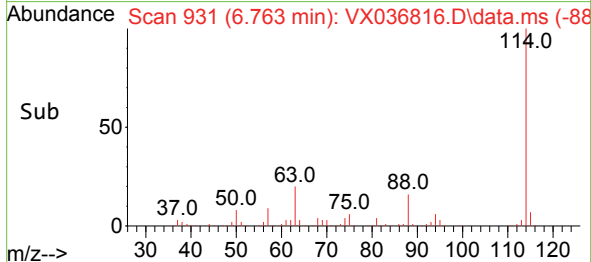
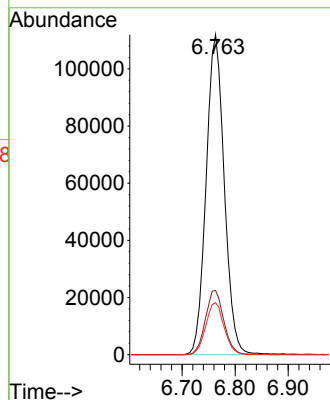
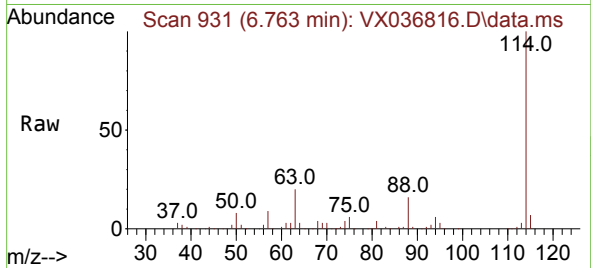




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

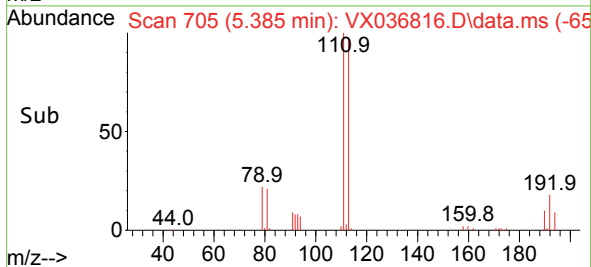
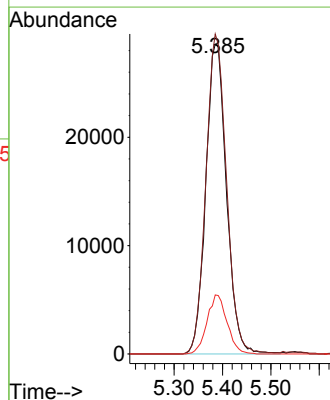
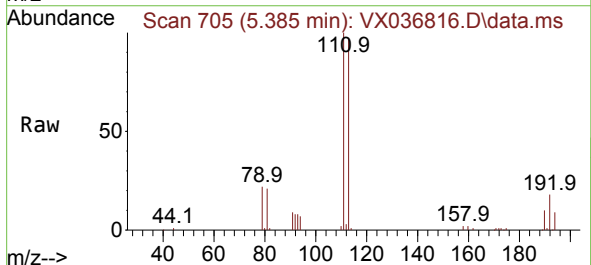
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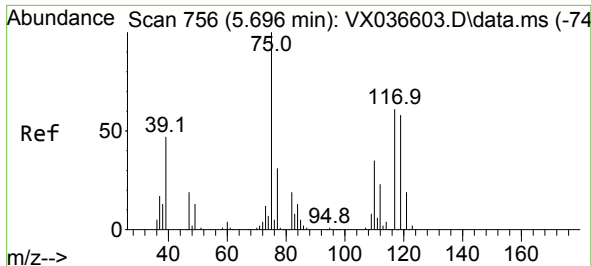
Tgt Ion:114 Resp: 266016
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion:113 Resp: 84988
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.4 13.3 19.9

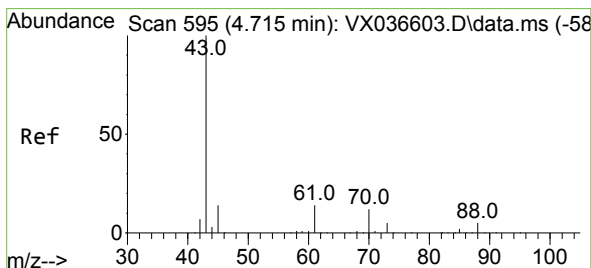
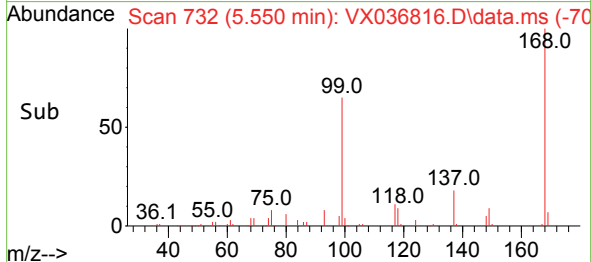
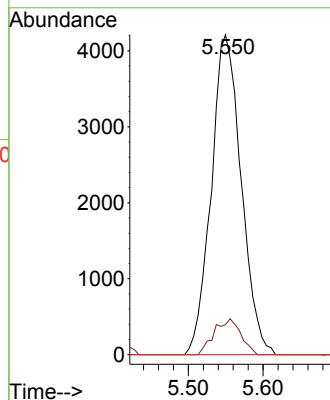
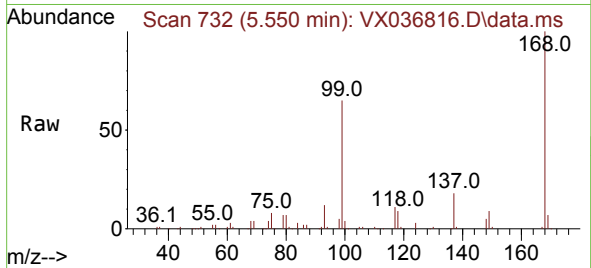




#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

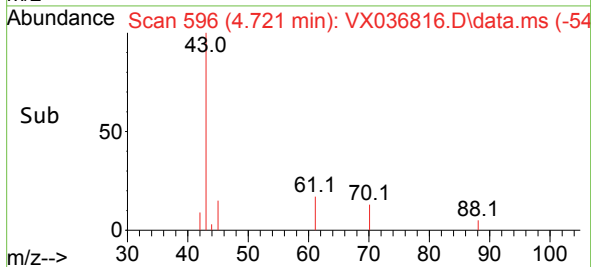
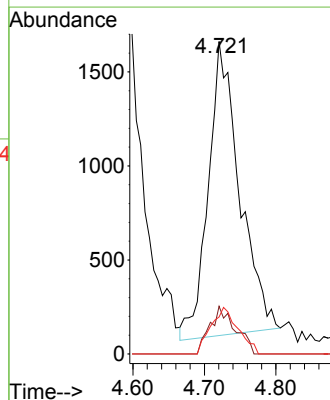
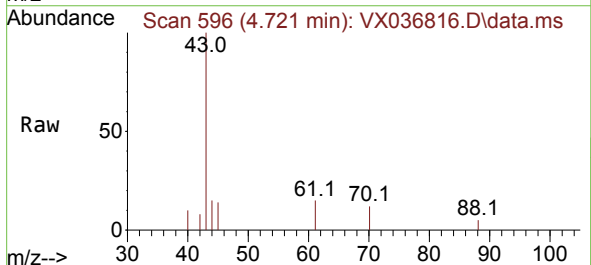
Instrument :
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COMP-1

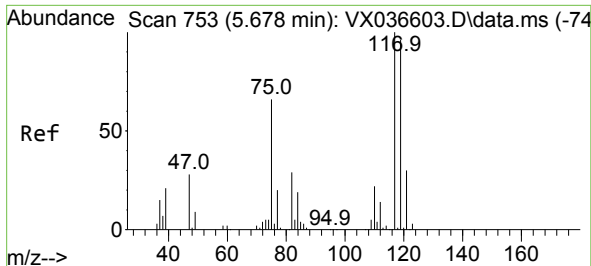
Tgt Ion: 75 Resp: 11716
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.538 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

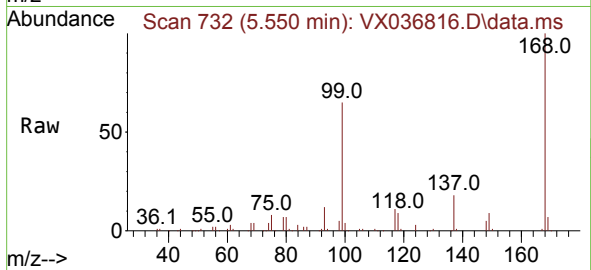
Tgt Ion: 43 Resp: 4743
Ion Ratio Lower Upper
43 100
61 13.2 10.6 16.0
70 13.8 8.3 12.5#



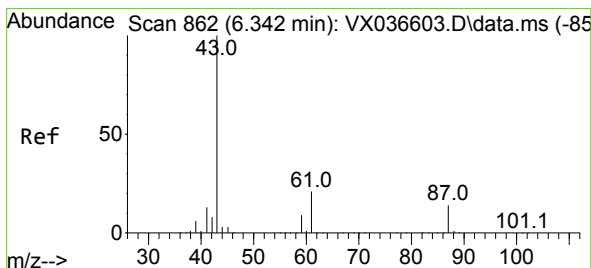
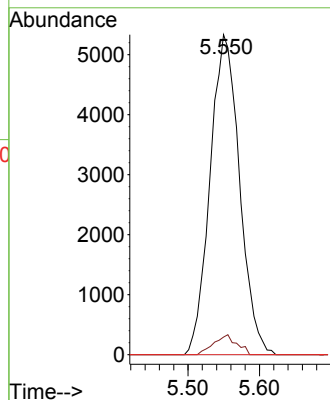
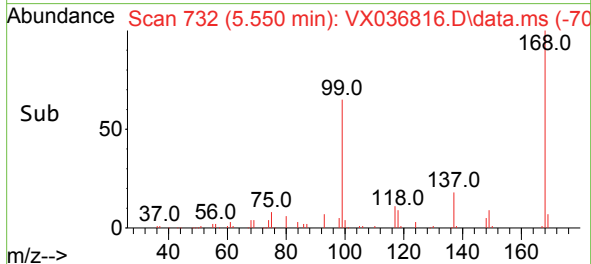


#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

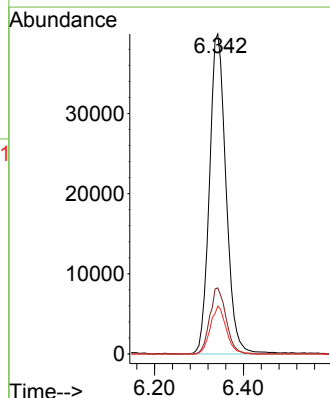
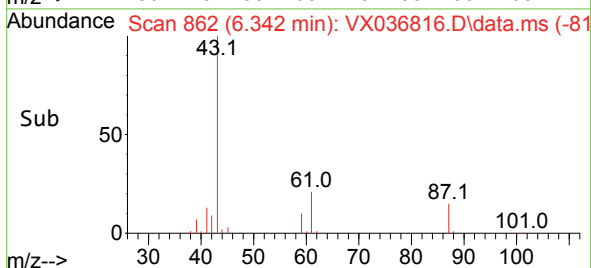
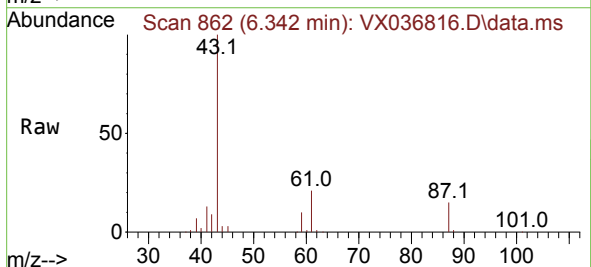


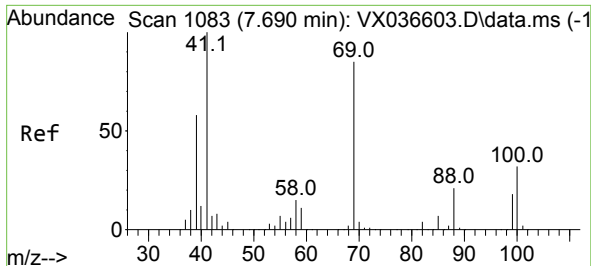
Tgt Ion:117 Resp: 15277
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 19.498 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 43 Resp: 103527
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 14.2 9.8 14.6

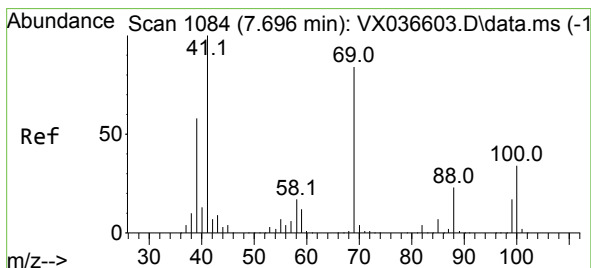
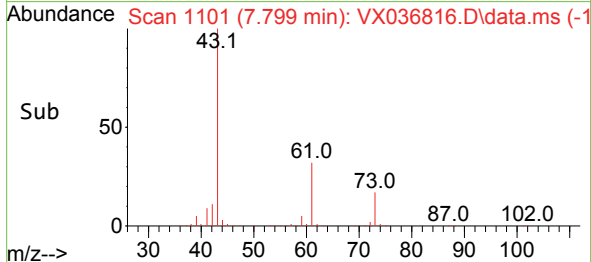
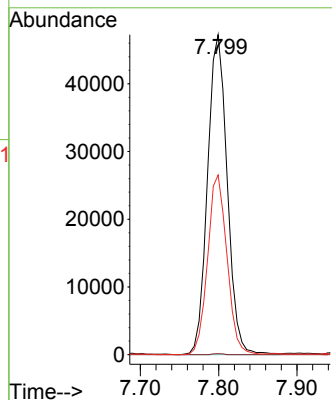
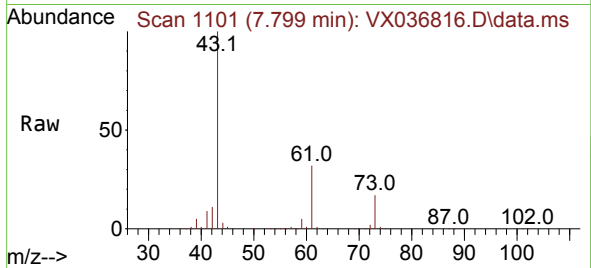




#48
Methyl methacrylate
Concen: 33.402 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

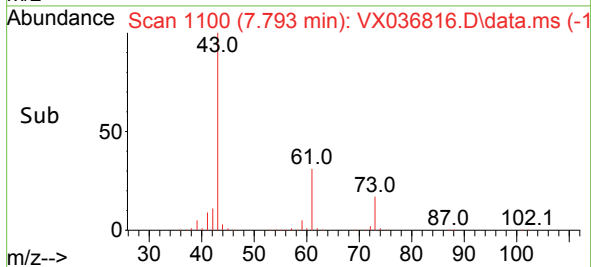
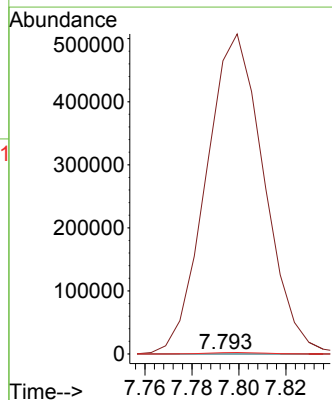
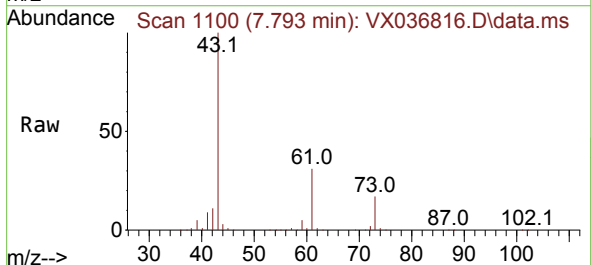
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

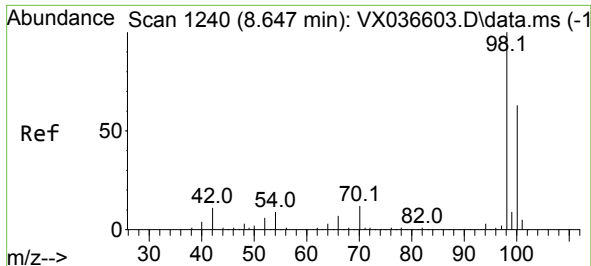
Tgt Ion: 41 Resp: 82481
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 55.1 47.7 71.5



#49
1,4-Dioxane
Concen: 2.546 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.097 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 692365.4 0.0 0.0#
58 3007.9 60.1 90.1#

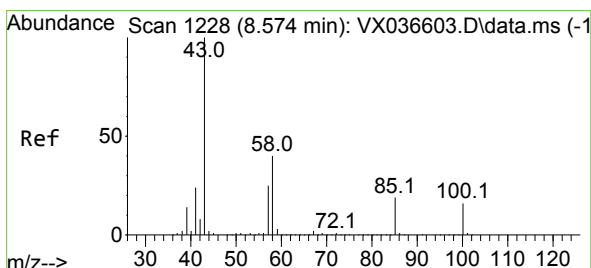
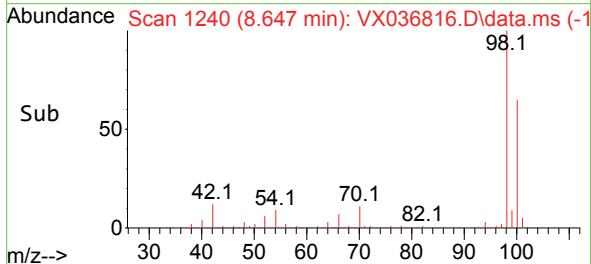
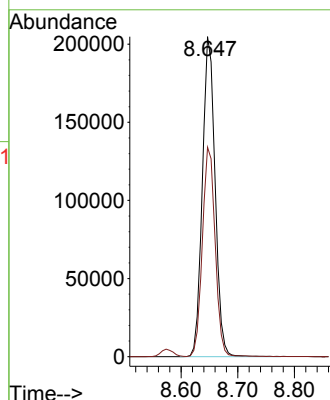
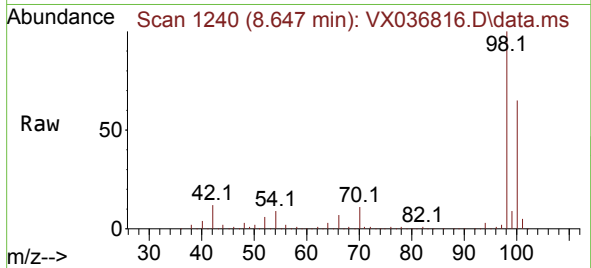




#50
Toluene-d8
Concen: 49.114 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

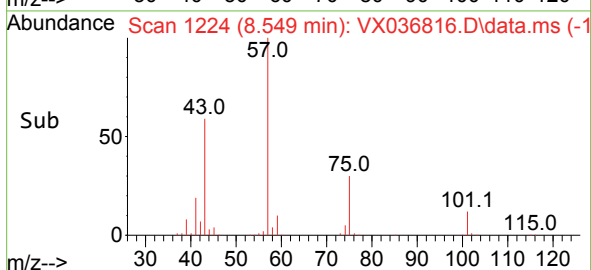
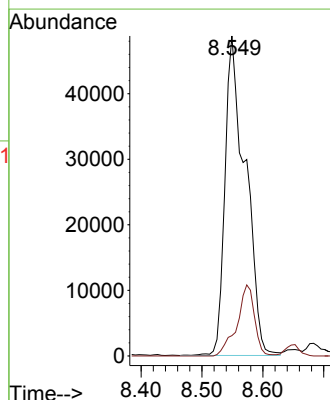
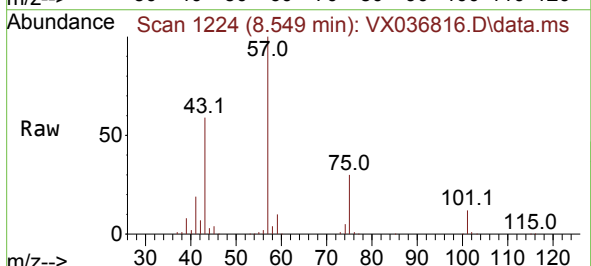
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

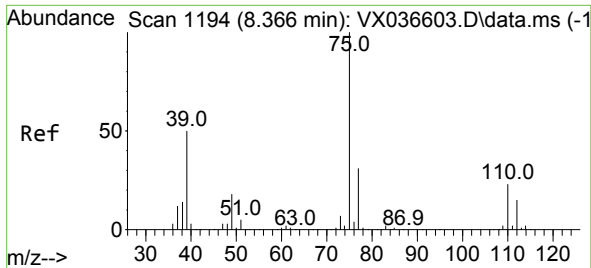
Tgt Ion: 98 Resp: 318456
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 38.688 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 43 Resp: 113679
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

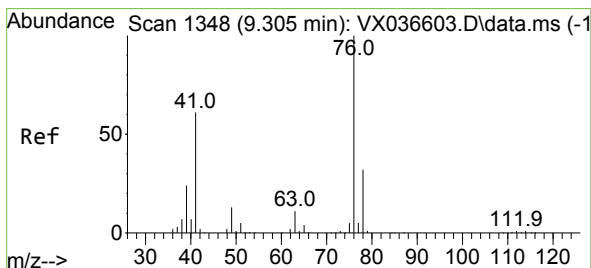
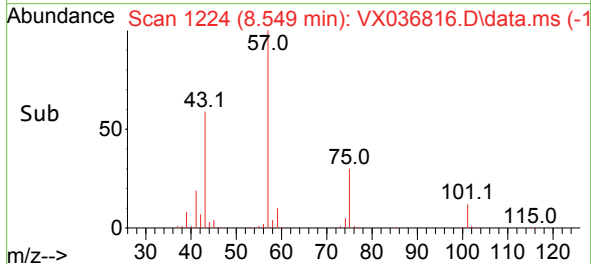
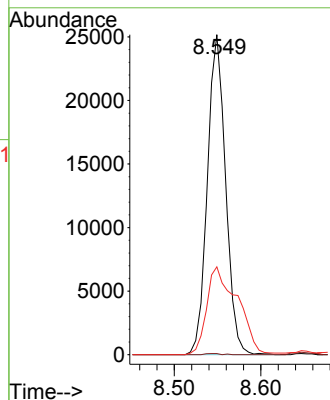
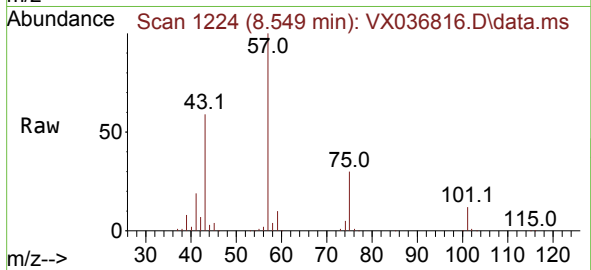




#54
 cis-1,3-Dichloropropene
 Concen: 10.151 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036816.D
 Acq: 04 Aug 2023 17:31

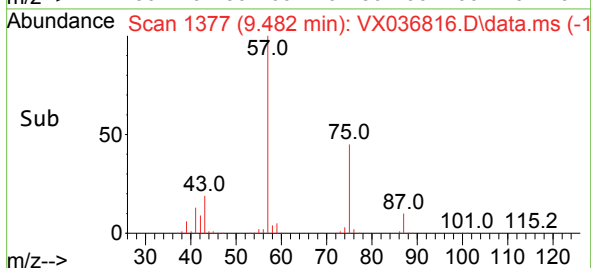
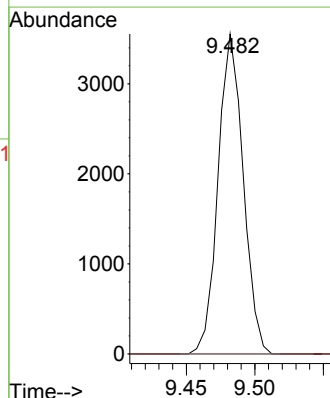
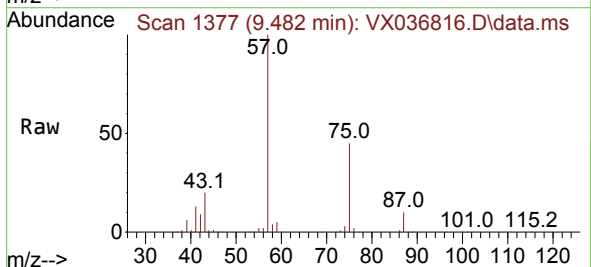
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-1

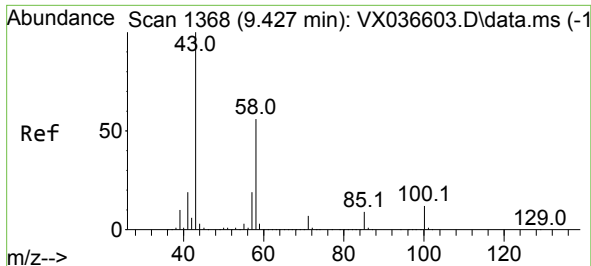
Tgt Ion: 75 Resp: 36818
 Ion Ratio Lower Upper
 75 100
 77 0.3 25.3 37.9#
 39 27.4 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.301 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX036816.D
 Acq: 04 Aug 2023 17:31

Tgt Ion: 76 Resp: 4526
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

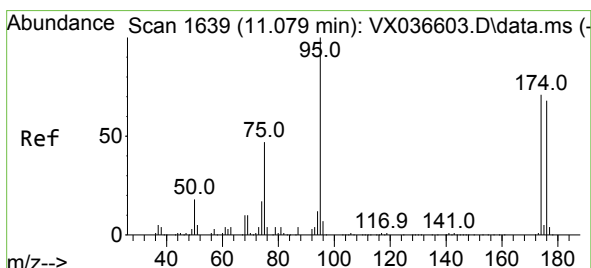
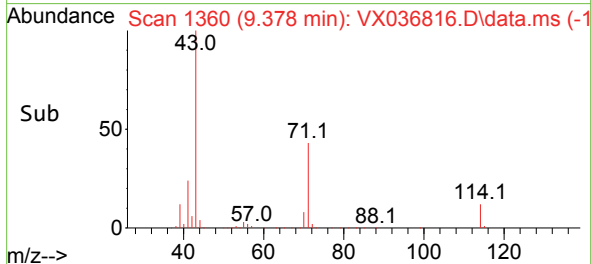
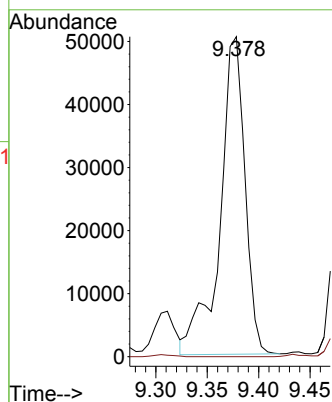
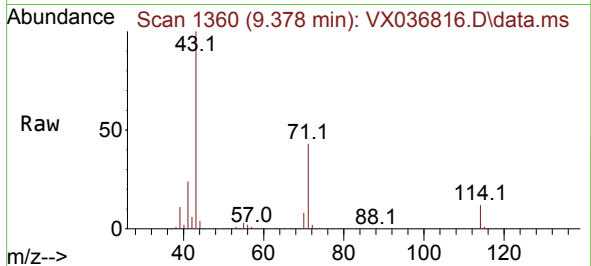




#59
2-Hexanone
Concen: 39.026 ug/l
RT: 9.378 min Scan# 1133
Delta R.T. -0.049 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

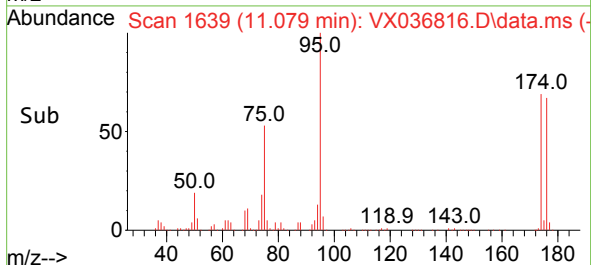
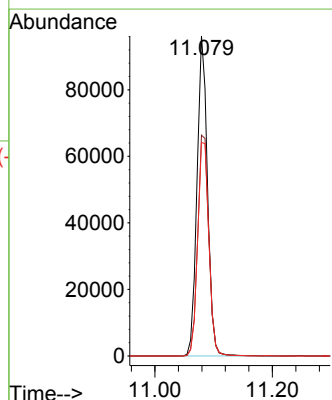
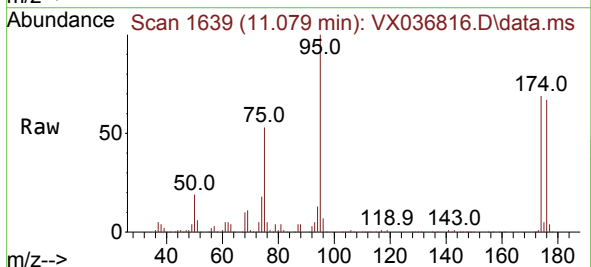
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

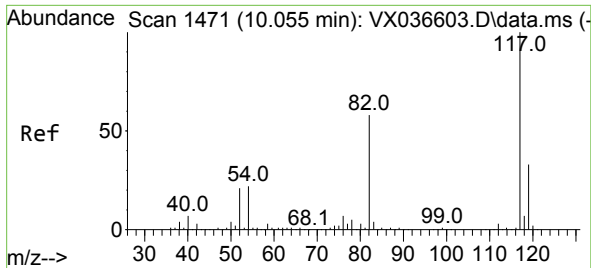
Tgt Ion: 43 Resp: 85107
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 48.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 95 Resp: 119164
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.7 0.0 131.0

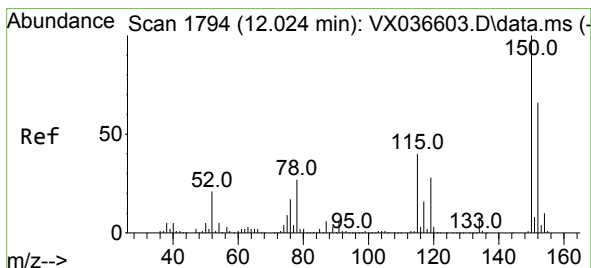
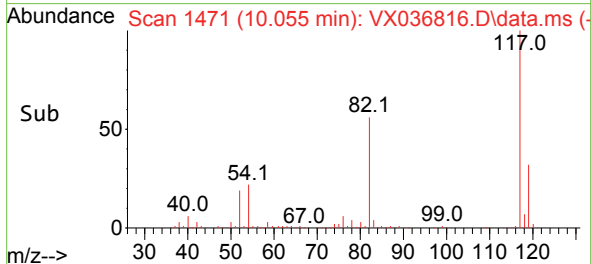
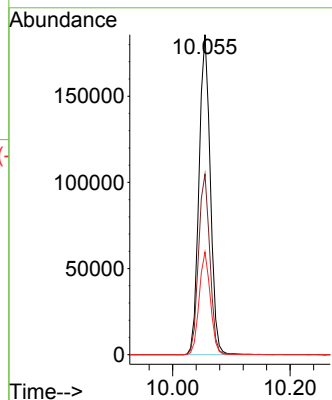
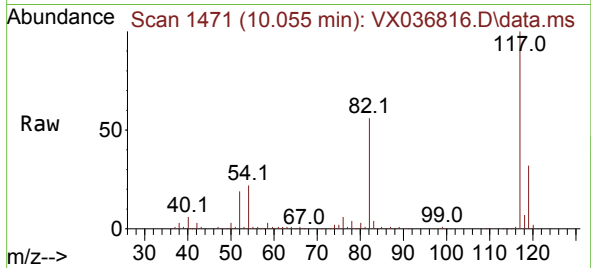




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

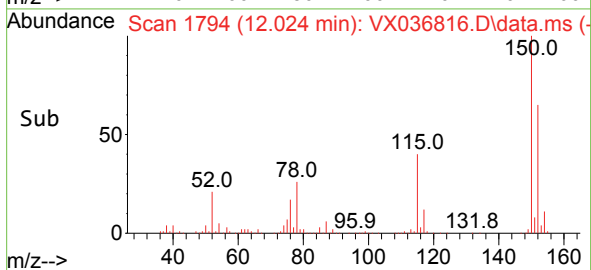
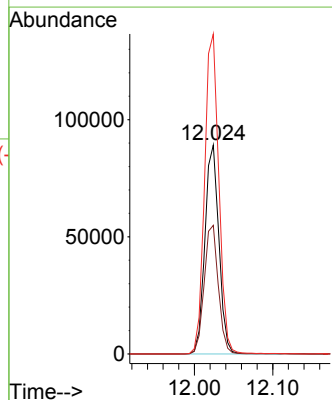
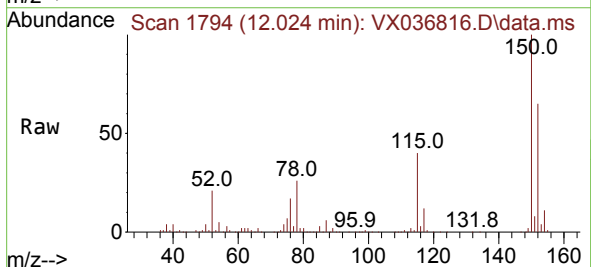
Instrument :
MSVOA_X
ClientSampleId :
COMP-1

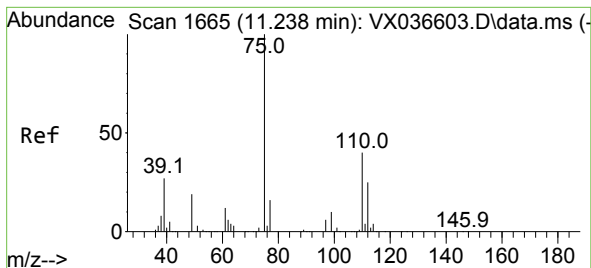
Tgt Ion:117 Resp: 247178
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion:152 Resp: 110387
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 156.0 0.0 345.0

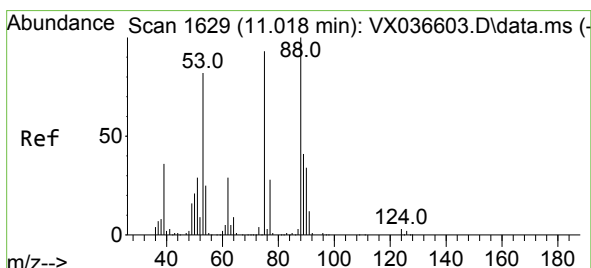
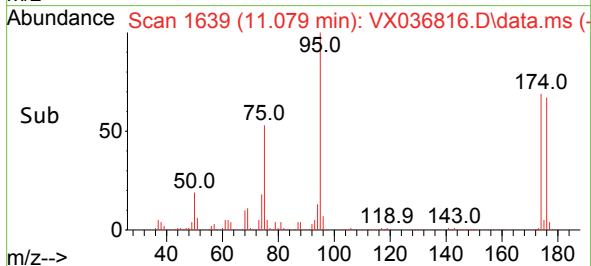
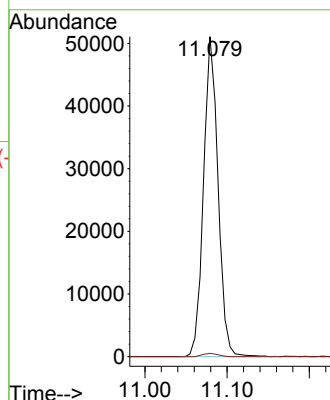
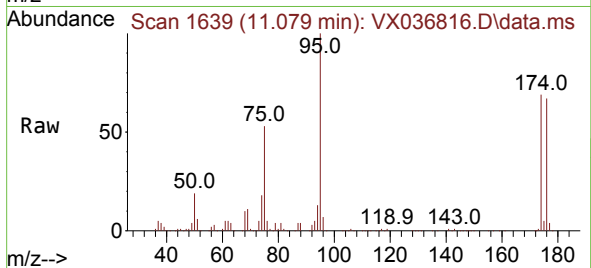




#76
1,2,3-Trichloropropane
Concen: 24.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Instrument :
MSVOA_X
ClientSampleId :
COMP-1

Tgt Ion: 75 Resp: 62534
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036816.D
Acq: 04 Aug 2023 17:31

Tgt Ion: 75 Resp: 62534
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

