

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036919.D
 Acq On : 10 Aug 2023 17:42
 Operator : JC/MD
 Sample : 03954-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:49:20 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

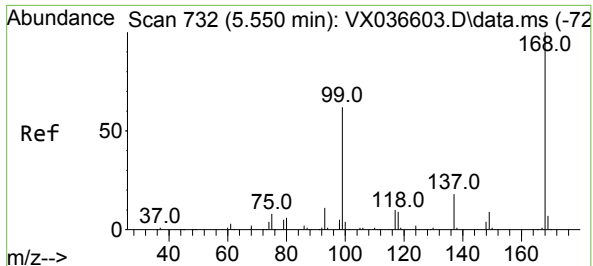
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	125550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89481	48.168	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.340%		
35) Dibromofluoromethane	5.385	113	75371	47.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.647	98	285253	50.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	112744	52.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	900	2.046	ug/l #	78
16) Acetone	2.386	43	16514	21.422	ug/l	94
18) Methyl Acetate	2.709	43	1941	0.599	ug/l #	90
20) Methylene Chloride	2.788	84	12329	7.191	ug/l #	92
25) 2-Butanone	4.574	43	5470	4.374	ug/l	95
31) Cyclohexane	5.544	56	2795	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10381	4.362	ug/l #	51
37) Ethyl Acetate	4.721	43	2237	0.830	ug/l #	79
38) Carbon Tetrachloride	5.550	117	13407	5.299	ug/l #	15
43) Isopropyl Acetate	6.342	43	93605	20.186	ug/l #	94
48) Methyl methacrylate	7.799	41	81578	37.829	ug/l #	49
49) 1,4-Dioxane	7.793	88	127	2.915	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	87075	33.932	ug/l #	37
54) cis-1,3-Dichloropropene	8.549	75	36279	11.453	ug/l #	53
57) 1,3-Dichloropropane	9.482	76	4818	1.586	ug/l #	42
59) 2-Hexanone	9.378	43	82717	43.433	ug/l #	26
74) N-amyl acetate	10.640	43	18198	4.530	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	58475	23.883	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58475	54.133	ug/l #	5

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

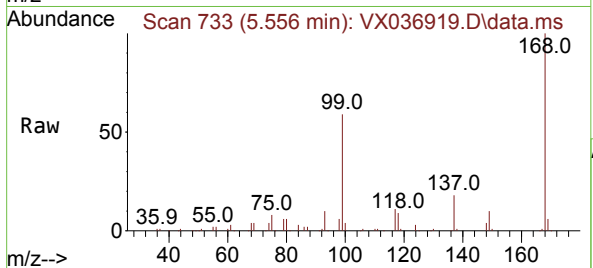
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



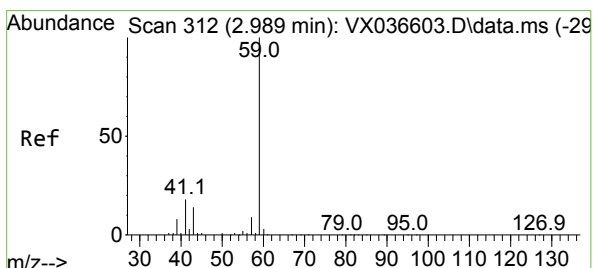
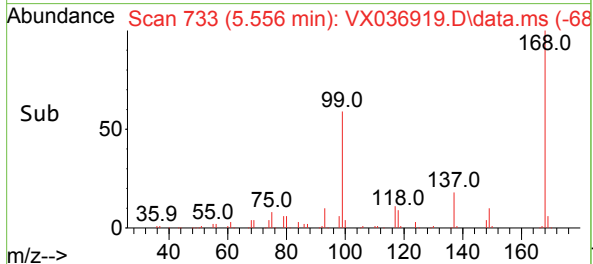
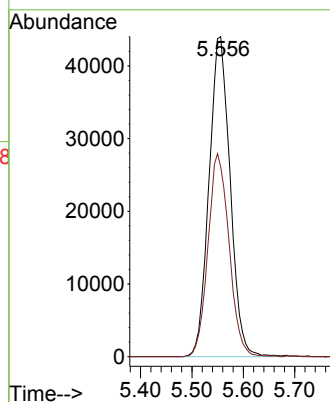


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

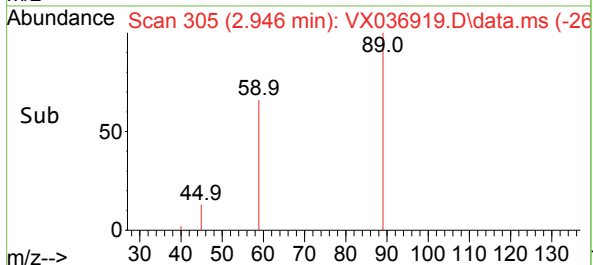
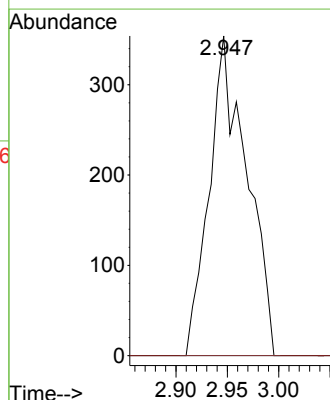
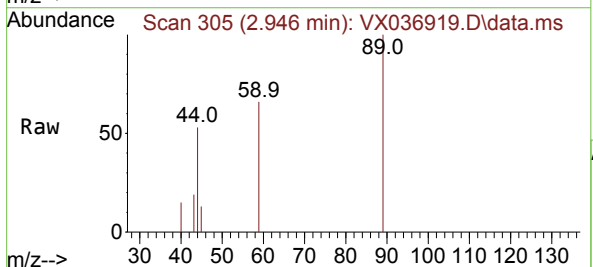


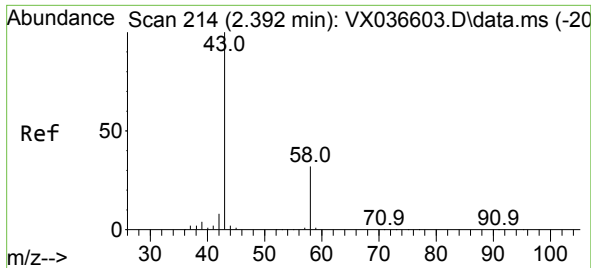
Tgt Ion:168 Resp: 125550
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.046 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Tgt Ion: 59 Resp: 900
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

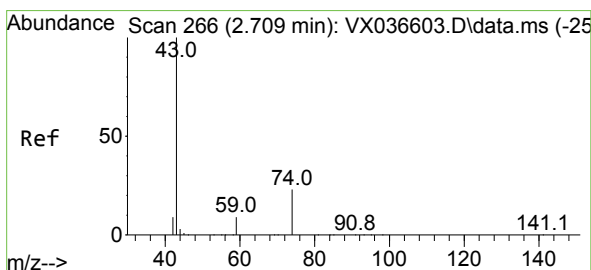
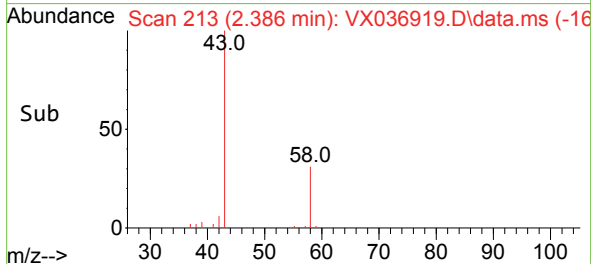
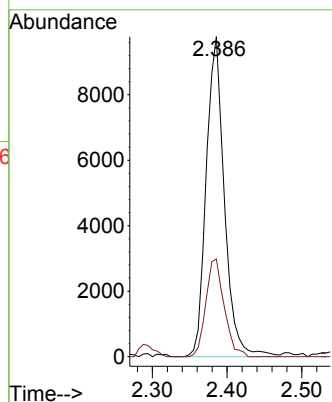
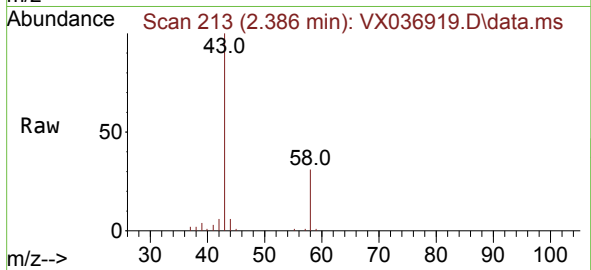




#16
Acetone
Concen: 21.422 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

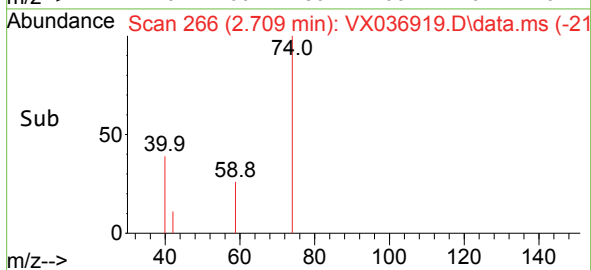
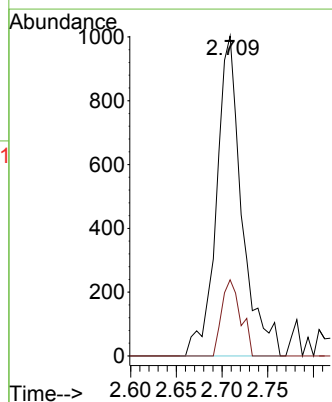
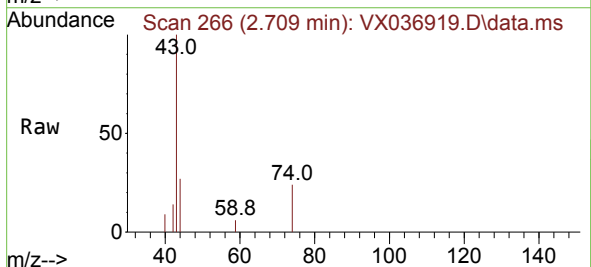
Instrument :
MSVOA_X
ClientSampleId :

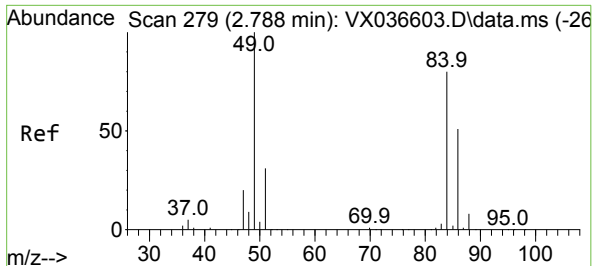
Tgt Ion: 43 Resp: 16514
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



#18
Methyl Acetate
Concen: 0.599 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

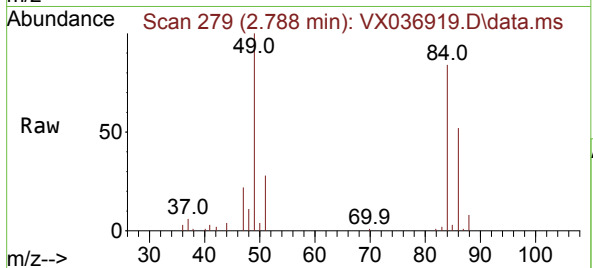
Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
74 17.7 17.8 26.8#



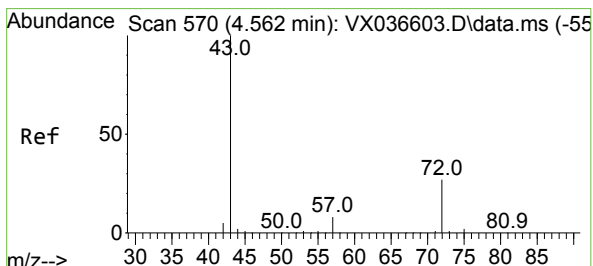
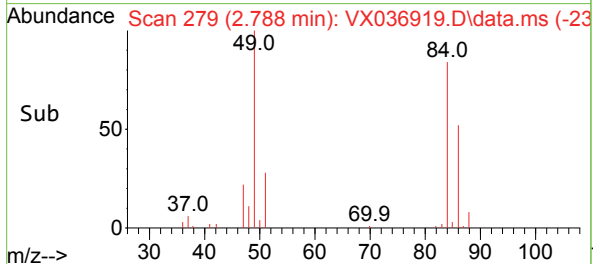
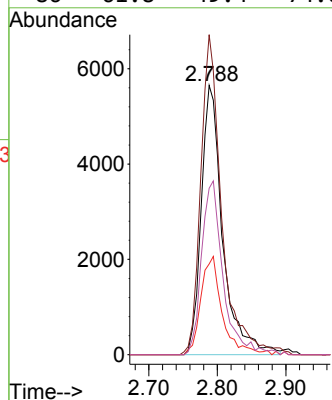


#20
Methylene Chloride
Concen: 7.191 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

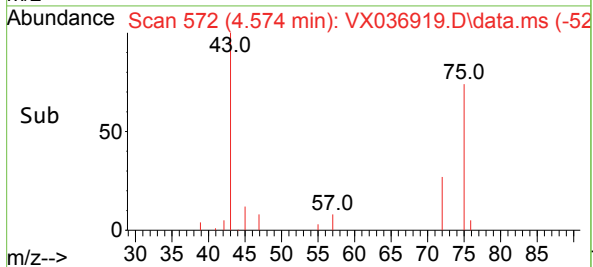
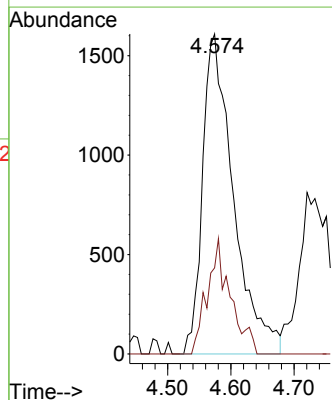
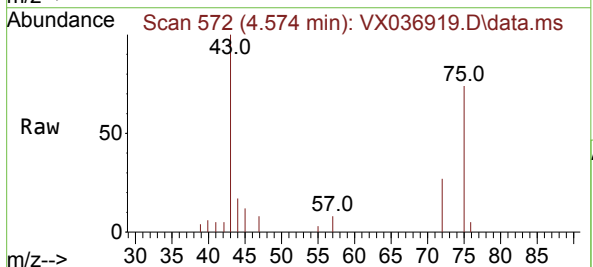


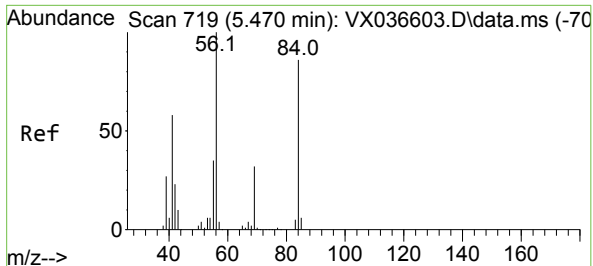
Tgt Ion:	84	Resp:	12329
Ion	Ratio	Lower	Upper
84	100		
49	118.8	103.6	155.4
51	33.7	33.8	50.6#
86	61.8	49.4	74.0



#25
2-Butanone
Concen: 4.374 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

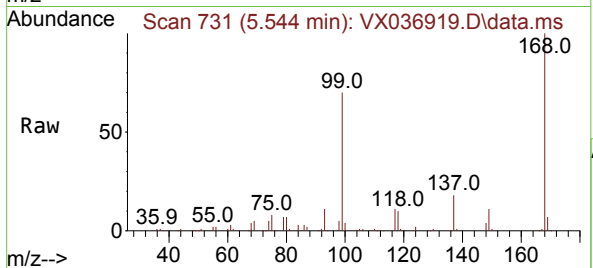
Tgt Ion:	43	Resp:	5470
Ion	Ratio	Lower	Upper
43	100		
72	26.9	19.4	29.2



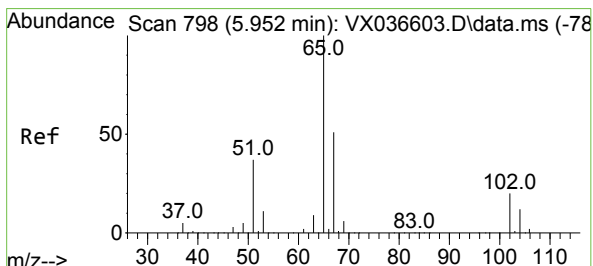
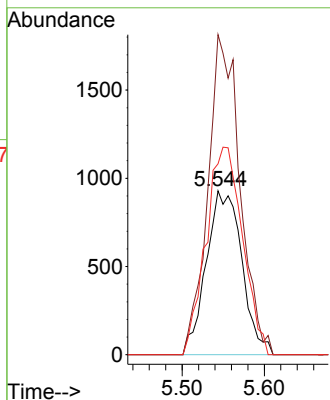
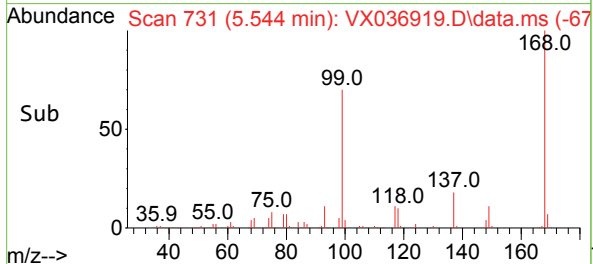


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

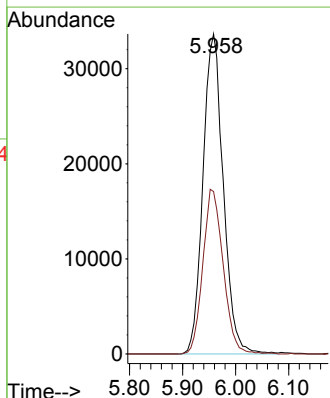
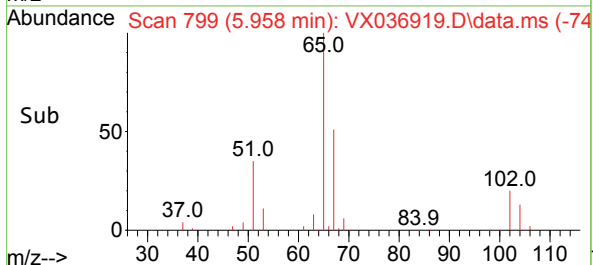
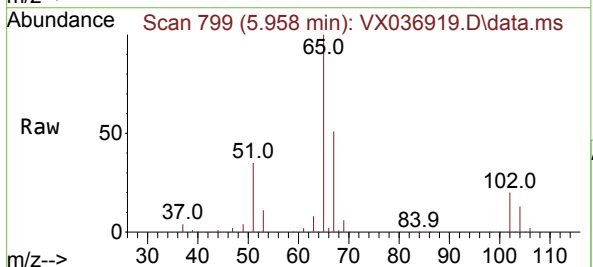


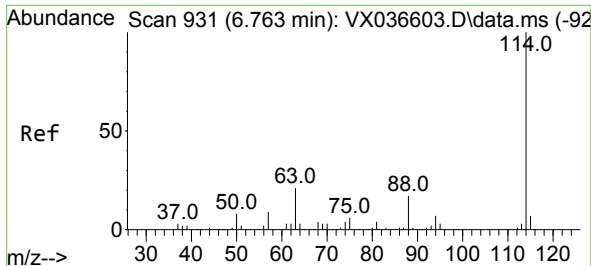
Tgt Ion: 56 Resp: 2795
Ion Ratio Lower Upper
56 100
69 195.3 23.4 35.2#
84 116.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.168 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Tgt Ion: 65 Resp: 89481
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

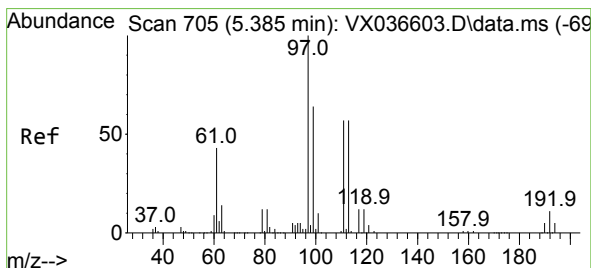
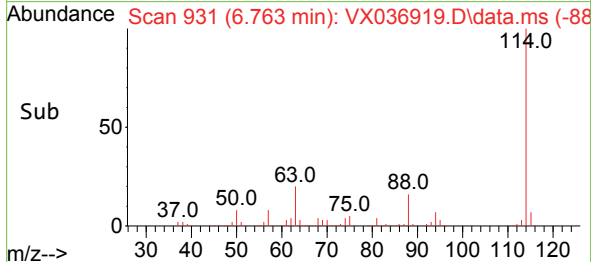
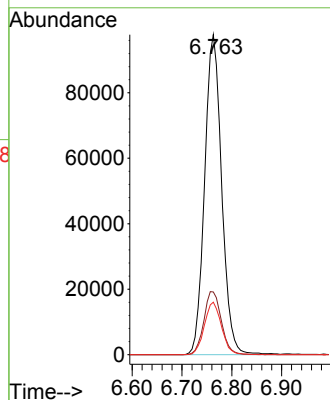
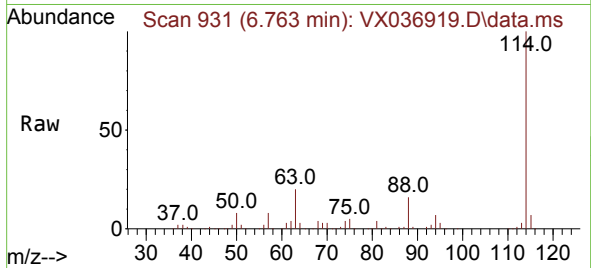




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

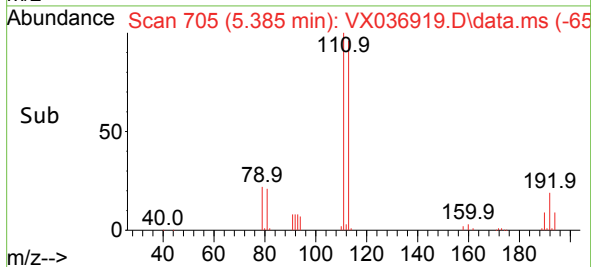
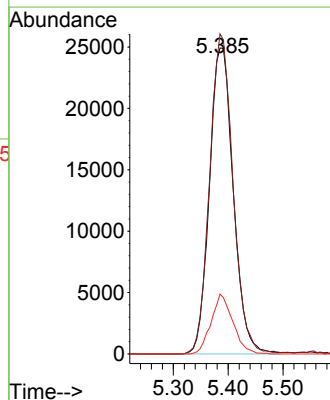
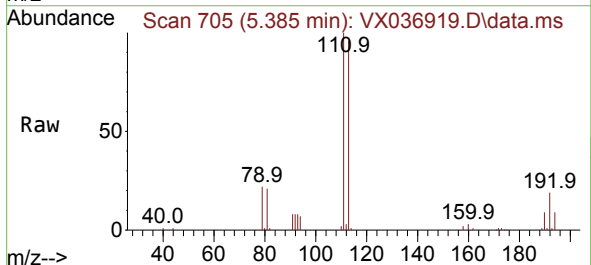
Instrument :
MSVOA_X
ClientSampleId :

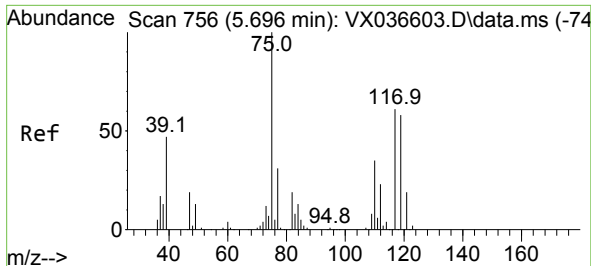
Tgt Ion:114 Resp: 232316
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.201 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

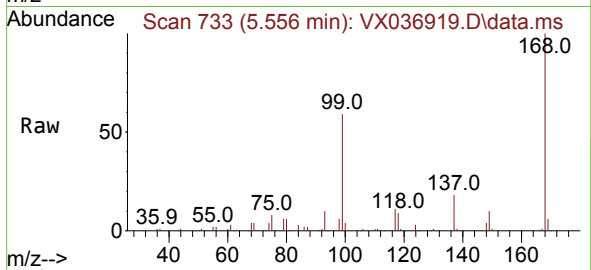
Tgt Ion:113 Resp: 75371
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.8 13.3 19.9



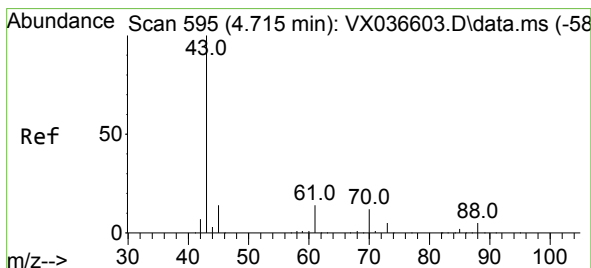
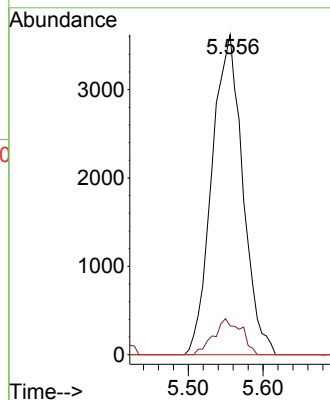
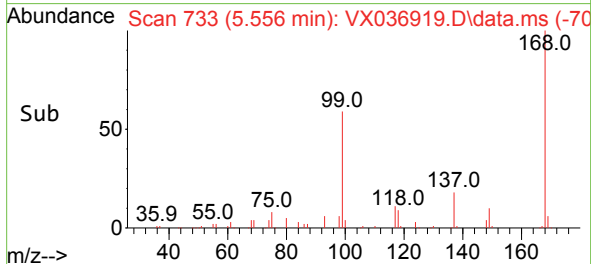


#36
1,1-Dichloropropene
Concen: 4.362 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

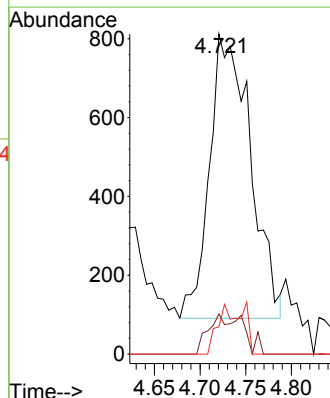
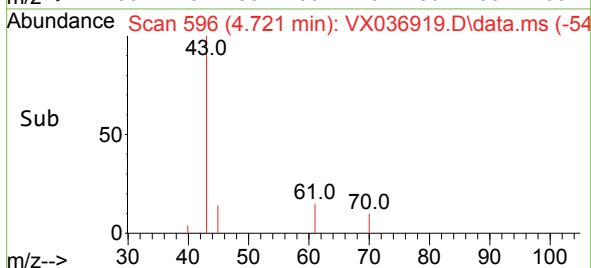
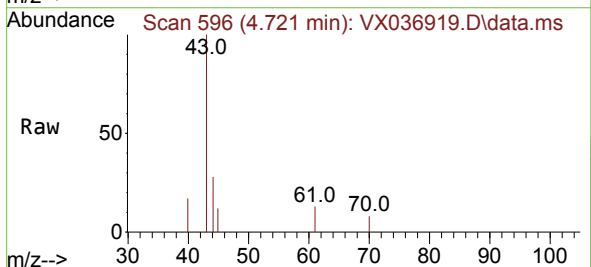


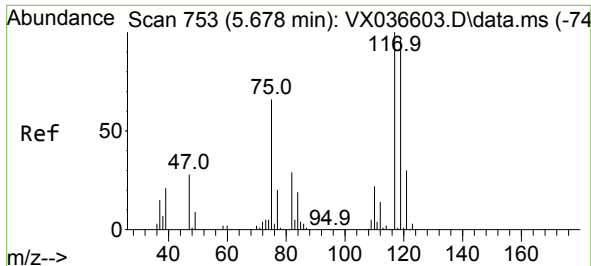
Tgt Ion: 75 Resp: 10381
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.830 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

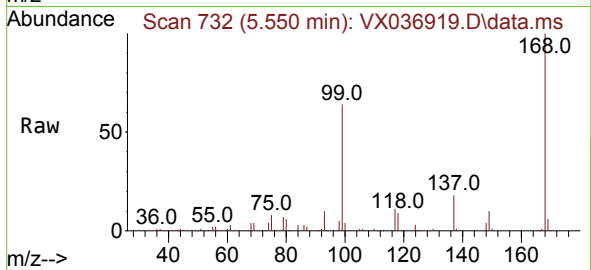
Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
61 7.2 10.6 16.0#
70 0.0 8.3 12.5#



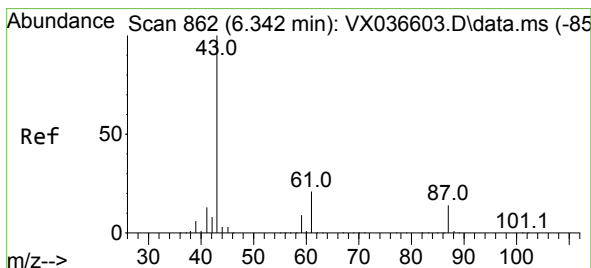
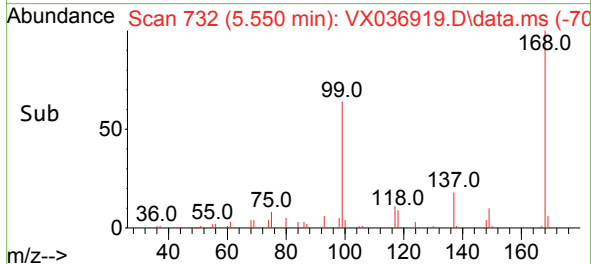
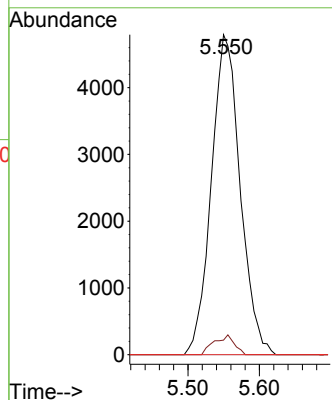


#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :

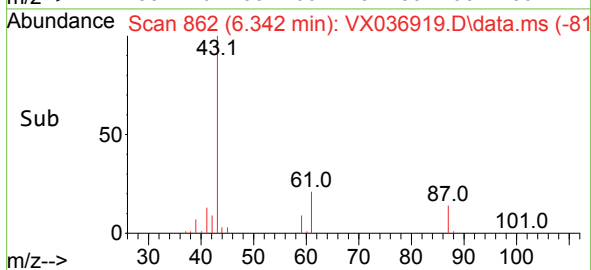
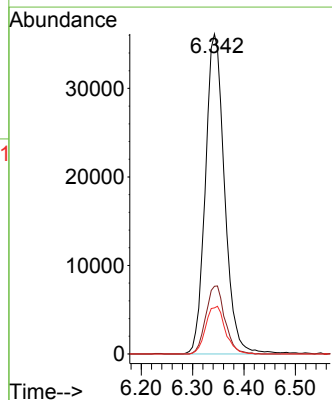
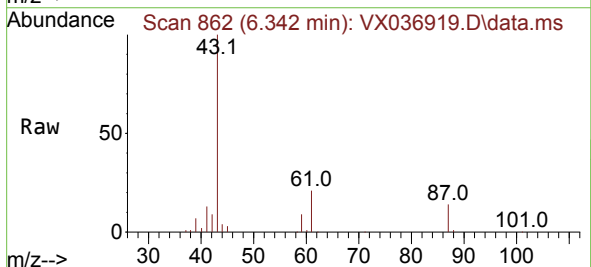


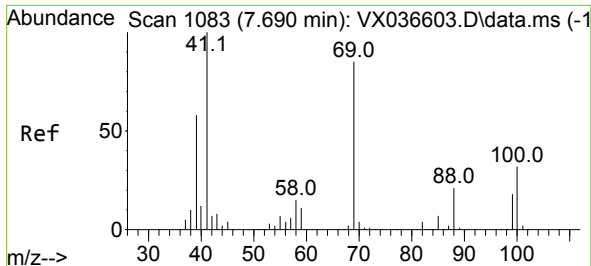
Tgt Ion:117 Resp: 13407
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 20.186 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Tgt Ion: 43 Resp: 93605
Ion Ratio Lower Upper
43 100
61 21.2 15.2 22.8
87 15.2 9.8 14.6#





#48

Methyl methacrylate

Concen: 37.829 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX036919.D

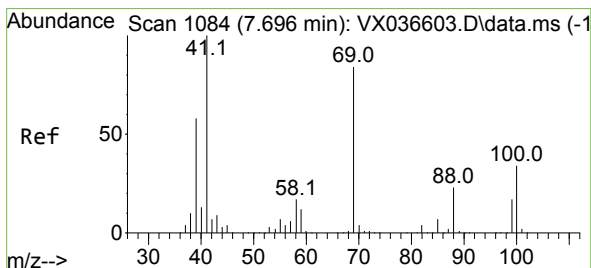
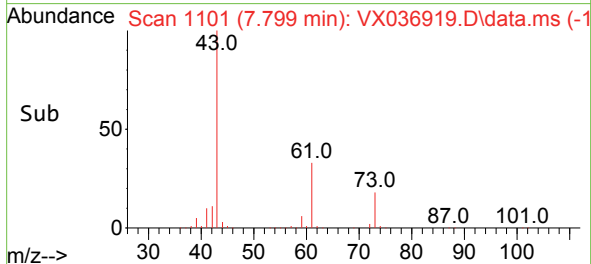
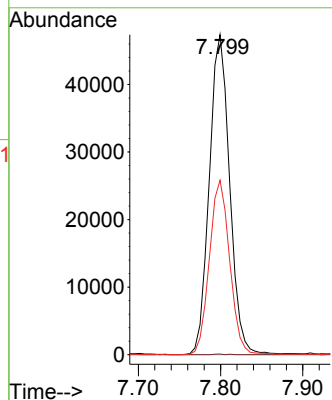
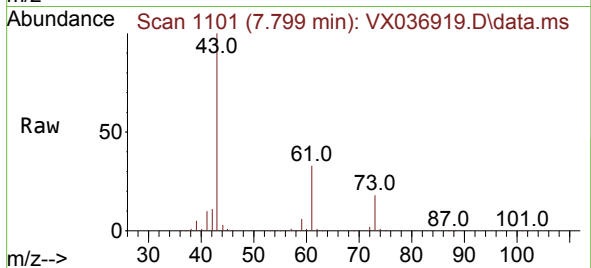
Acq: 10 Aug 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41	Resp: 81578
Ion Ratio	Lower Upper
41	100
69	0.1 59.2 88.8#
39	54.4 47.7 71.5



#49

1,4-Dioxane

Concen: 2.915 ug/l

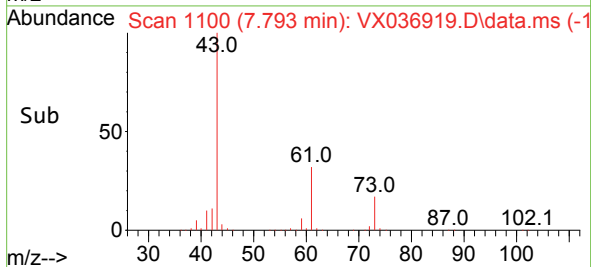
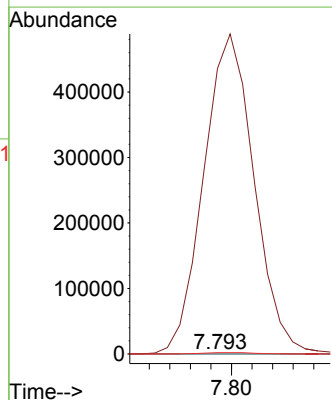
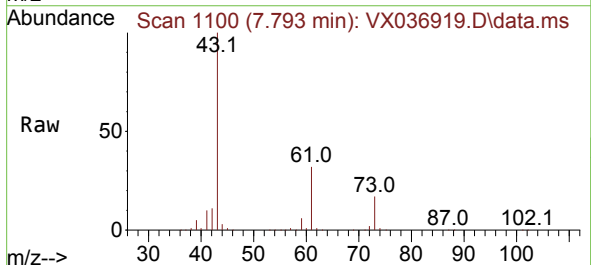
RT: 7.793 min Scan# 1100

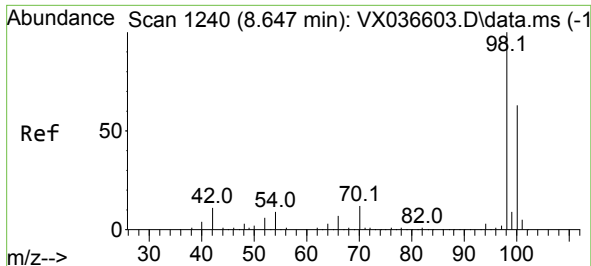
Delta R.T. 0.097 min

Lab File: VX036919.D

Acq: 10 Aug 2023 17:42

Tgt Ion: 88	Resp: 127
Ion Ratio	Lower Upper
88	100
43	660638.6 0.0 0.0#
58	2755.9 60.1 90.1#

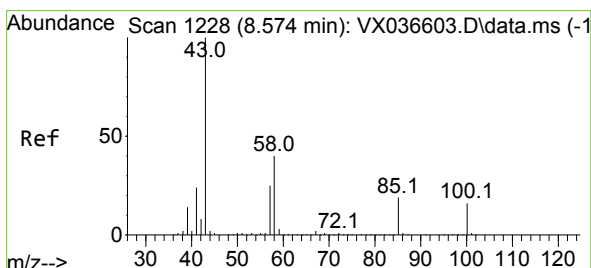
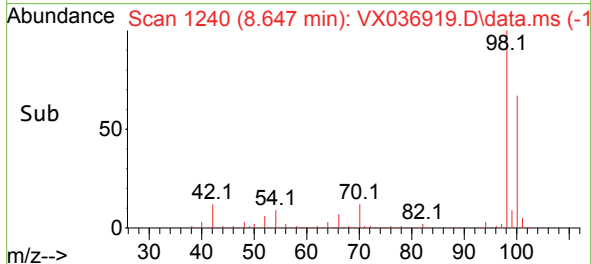
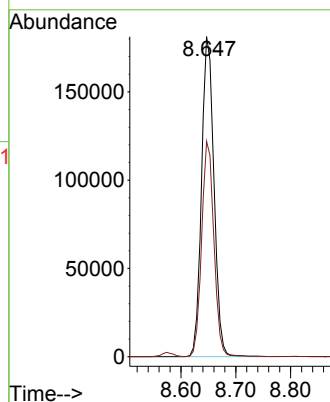
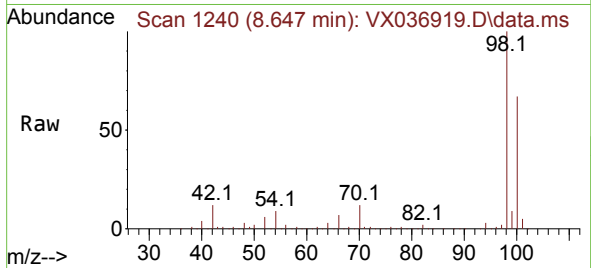




#50
Toluene-d8
Concen: 50.374 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

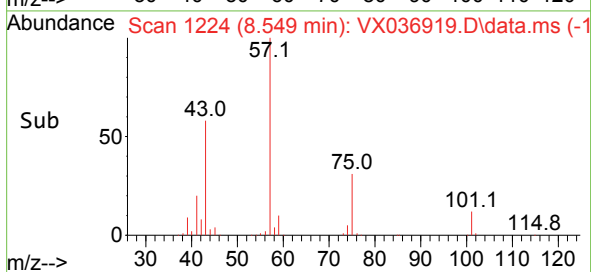
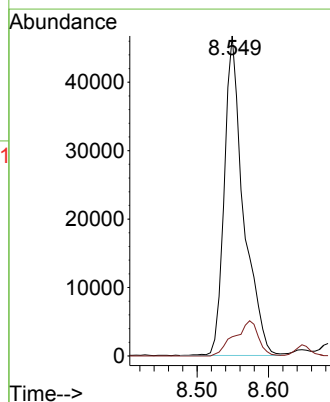
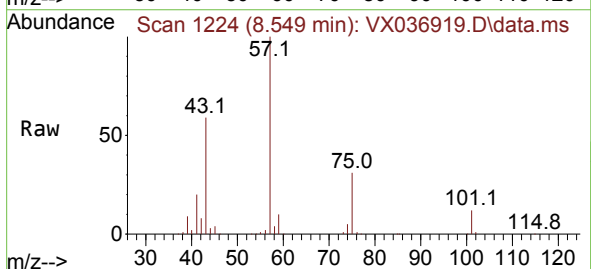
Instrument :
MSVOA_X
ClientSampleId :

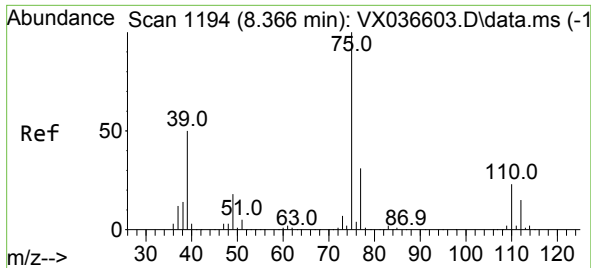
Tgt Ion: 98 Resp: 285253
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 33.932 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

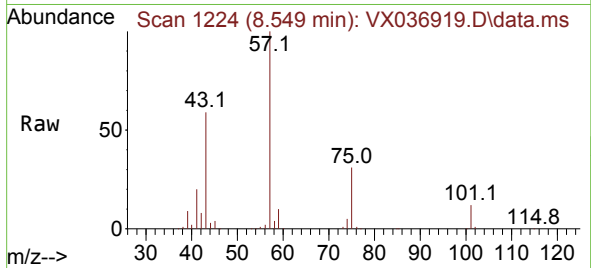
Tgt Ion: 43 Resp: 87075
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



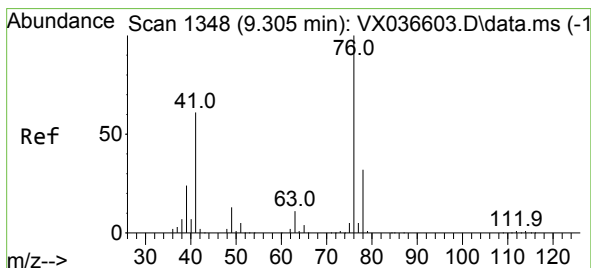
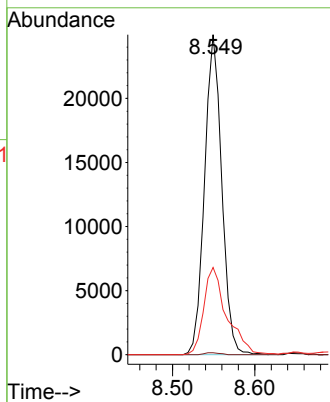
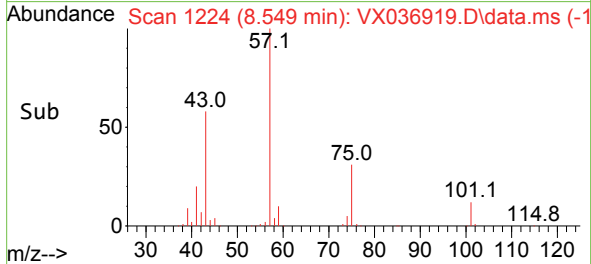


#54
 cis-1,3-Dichloropropene
 Concen: 11.453 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036919.D
 Acq: 10 Aug 2023 17:42

Instrument :
 MSVOA_X
 ClientSampleId :

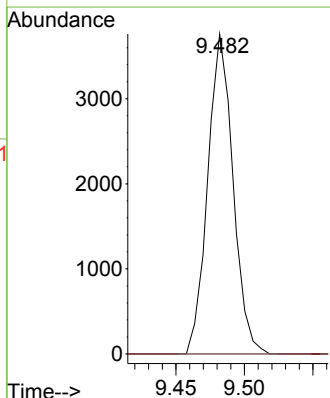
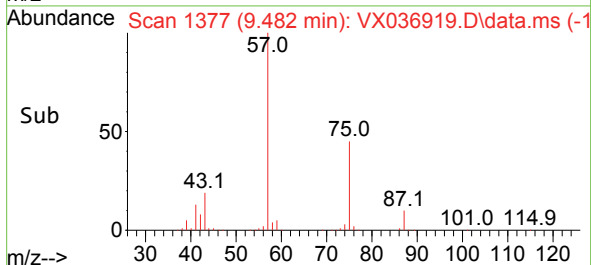
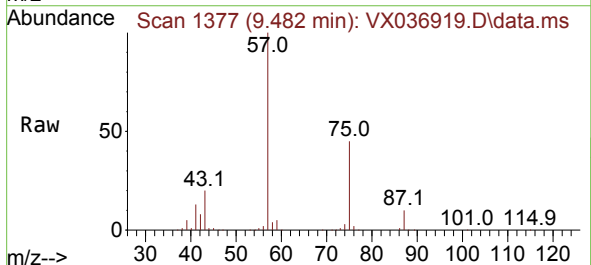


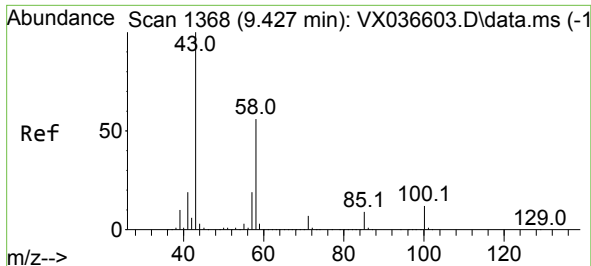
Tgt Ion: 75 Resp: 36279
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.3 37.9#
 39 27.3 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.586 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX036919.D
 Acq: 10 Aug 2023 17:42

Tgt Ion: 76 Resp: 4818
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

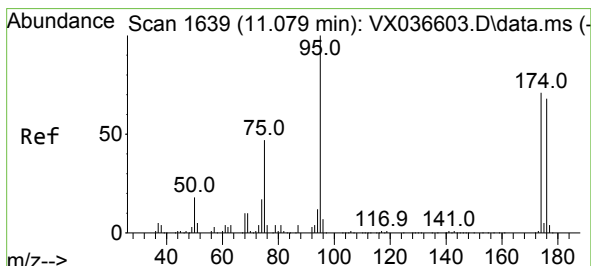
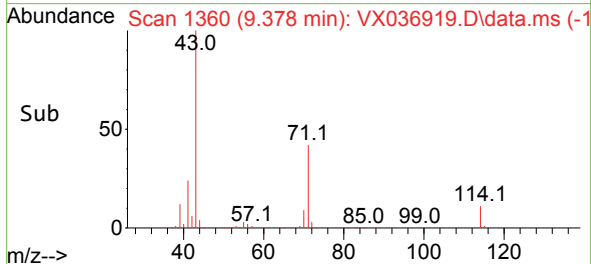
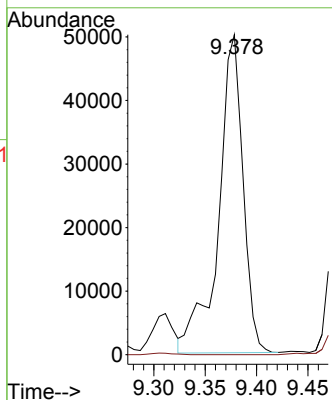
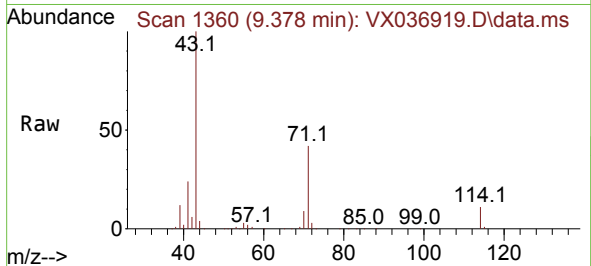




#59
2-Hexanone
Concen: 43.433 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

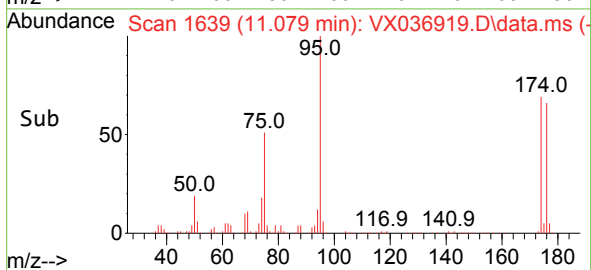
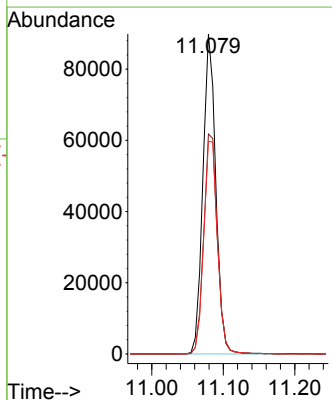
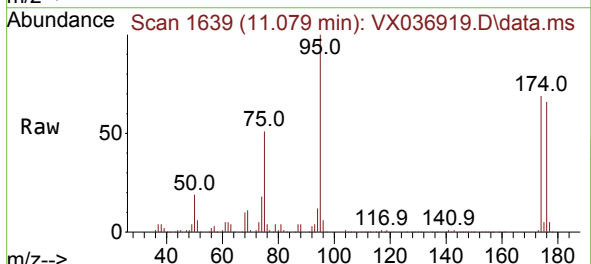
Instrument :
MSVOA_X
ClientSampleId :

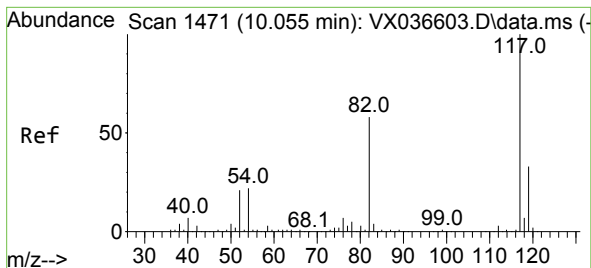
Tgt Ion: 43 Resp: 82717
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Tgt Ion: 95 Resp: 112744
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.0 0.0 131.0

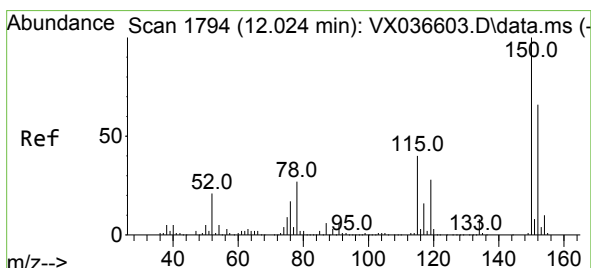
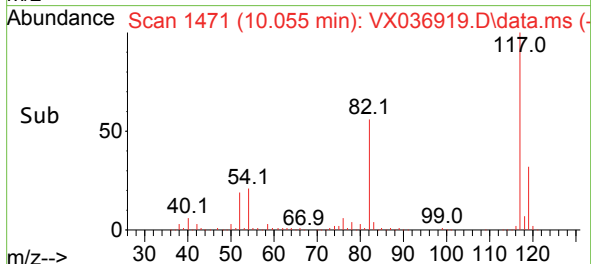
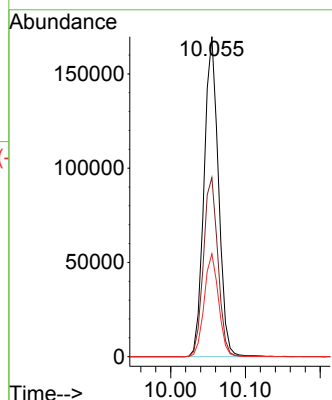
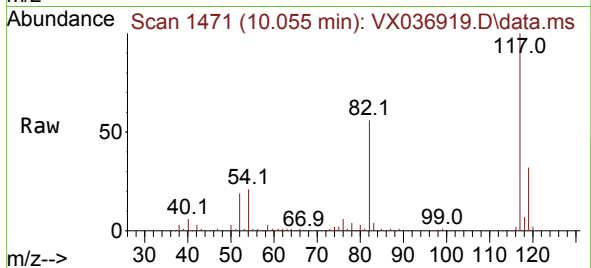




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

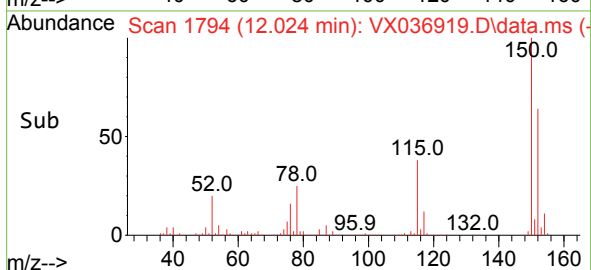
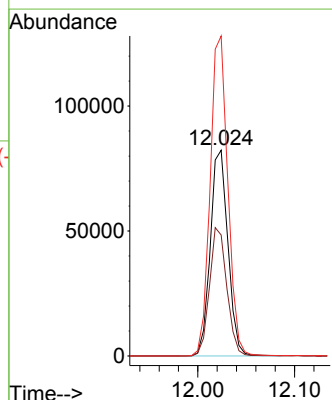
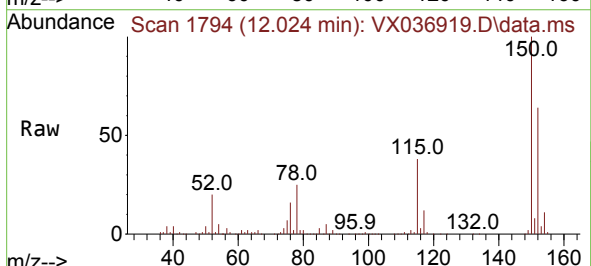
Instrument :
MSVOA_X
ClientSampleId :

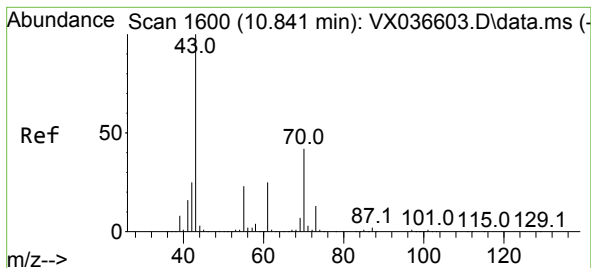
Tgt Ion:117 Resp: 226963
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036919.D
Acq: 10 Aug 2023 17:42

Tgt Ion:152 Resp: 104092
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 155.7 0.0 345.0





#74

N-amy1 acetate

Concen: 4.530 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

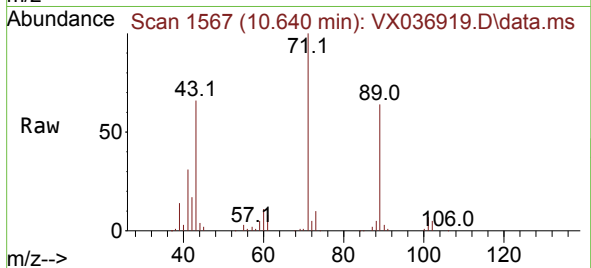
Lab File: VX036919.D

Acq: 10 Aug 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 18198

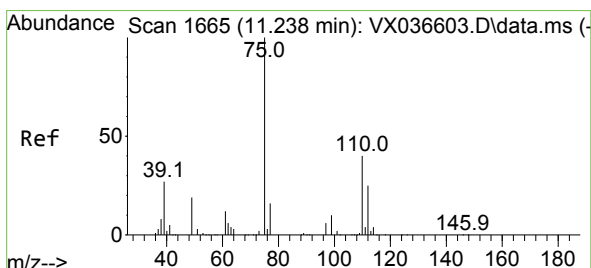
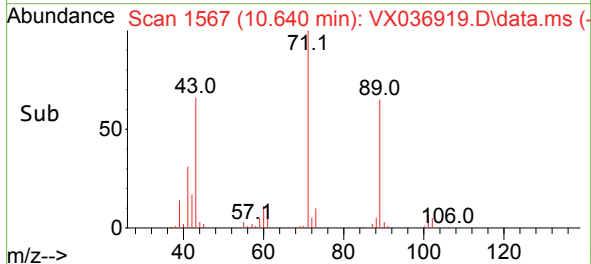
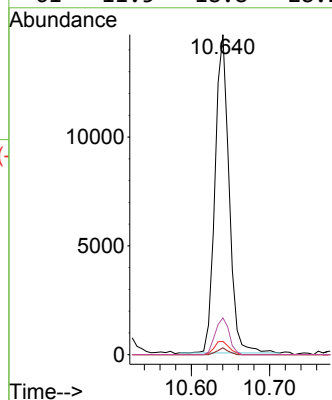
Ion Ratio Lower Upper

43 100

70 1.7 32.9 49.3#

55 4.5 19.3 28.9#

61 11.5 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 23.883 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036919.D

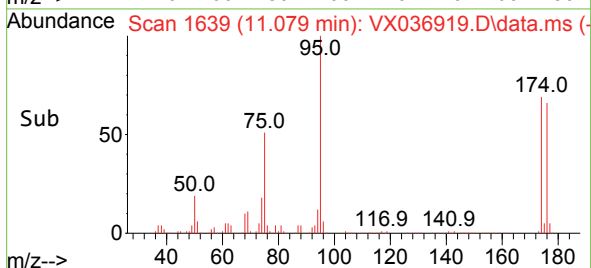
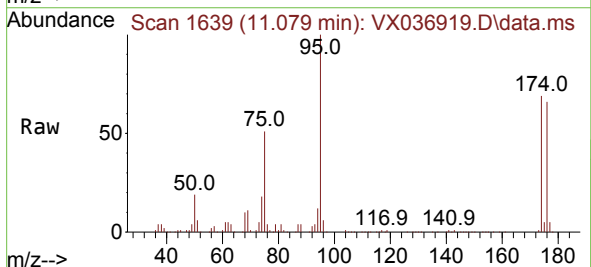
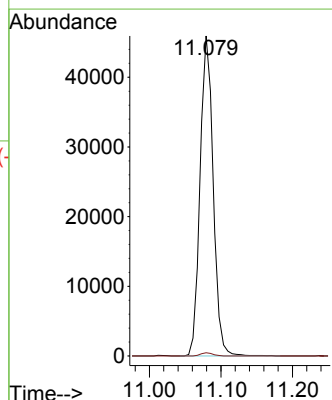
Acq: 10 Aug 2023 17:42

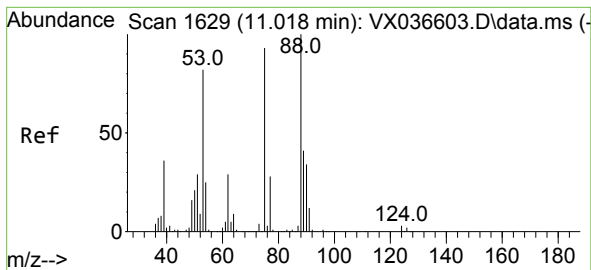
Tgt Ion: 75 Resp: 58475

Ion Ratio Lower Upper

75 100

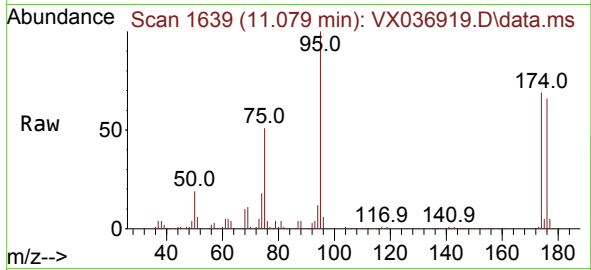
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.133 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036919.D
 Acq: 10 Aug 2023 17:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58475
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

