

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034721.D
 Acq On : 24 Mar 2023 15:19
 Operator : JC/MD
 Sample : 02070-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:31:34 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

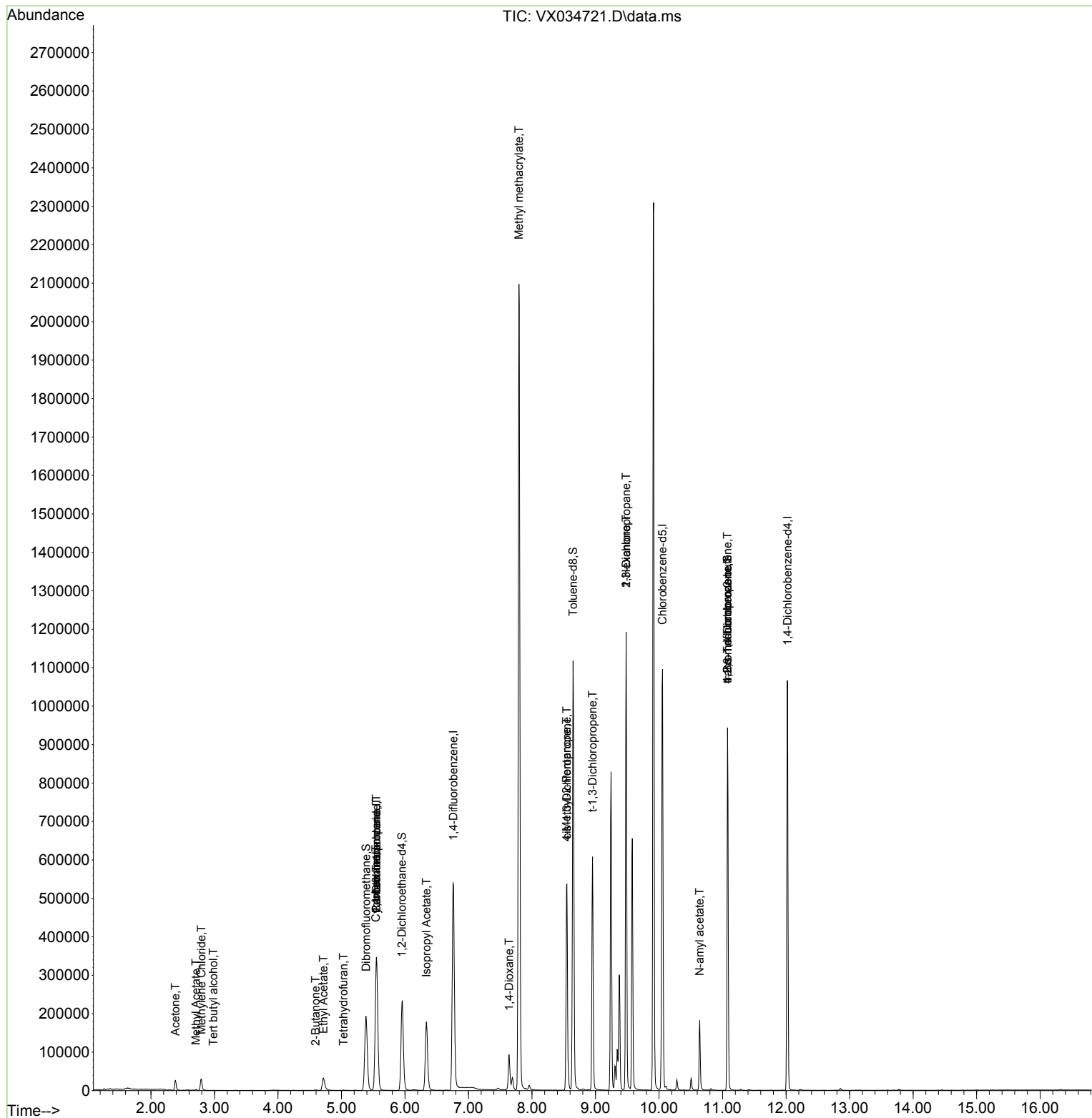
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	313360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	530460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230840	50.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.280%
35) Dibromofluoromethane	5.385	113	167407	47.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	634122	48.501	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	247877	46.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	327	Below Cal	#	42
11) Tert butyl alcohol	2.983	59	259	0.273	ug/l #	73
16) Acetone	2.386	43	30387	14.151	ug/l	91
18) Methyl Acetate	2.709	43	2889	0.412	ug/l	99
20) Methylene Chloride	2.794	84	14332	3.439	ug/l	97
25) 2-Butanone	4.593	43	2950	0.960	ug/l #	89
29) Tetrahydrofuran	5.032	42	811	0.428	ug/l #	46
31) Cyclohexane	5.544	56	7697	1.204	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	26662	4.956	ug/l #	51
37) Ethyl Acetate	4.715	43	59253	10.083	ug/l	99
38) Carbon Tetrachloride	5.550	117	34096	6.371	ug/l #	15
43) Isopropyl Acetate	6.336	43	247483	24.858	ug/l	99
48) Methyl methacrylate	7.793	41	194255	40.570	ug/l #	45
49) 1,4-Dioxane	7.641	88	51	0.507	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	198686	34.402	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	1255	0.206	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	84462	12.817	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	10091	1.468	ug/l #	43
59) 2-Hexanone	9.482	43	145667	32.628	ug/l #	51
74) N-amyl acetate	10.640	43	50710	6.334	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	130477	26.276	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	130477	71.086	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
Data File : VX034721.D
Acq On : 24 Mar 2023 15:19
Operator : JC/MD
Sample : 02070-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

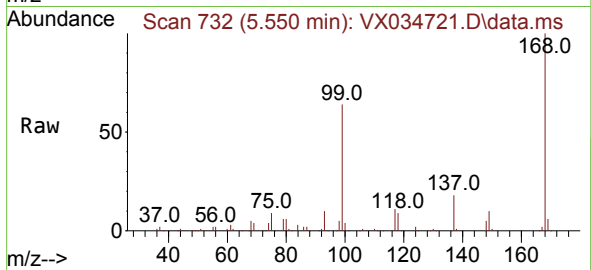
Quant Time: Mar 27 01:31:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



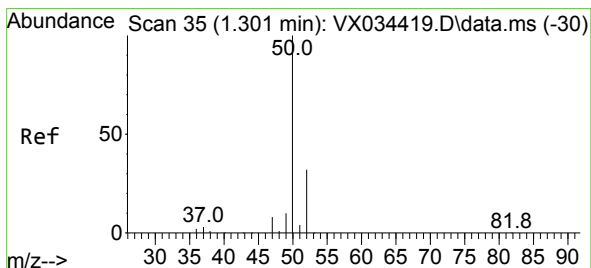
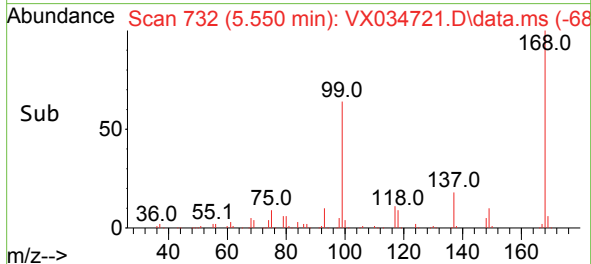
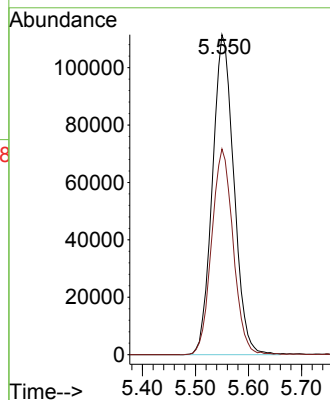


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :

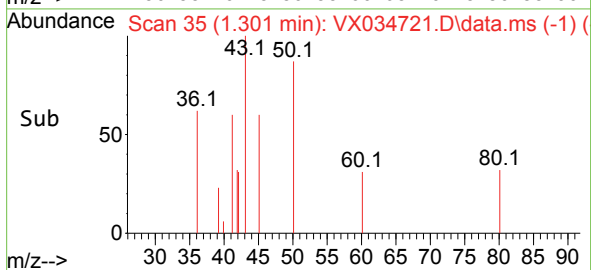
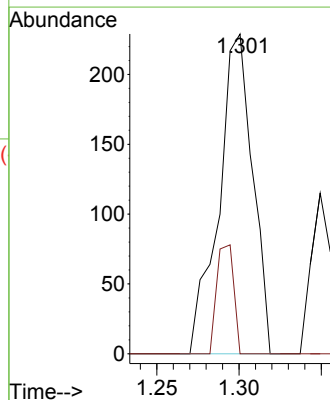
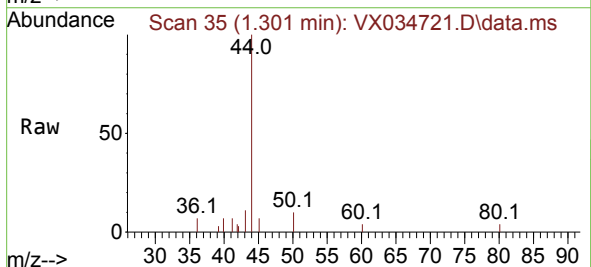


Tgt Ion:168 Resp: 313360
Ion Ratio Lower Upper
168 100
99 64.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.273 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.031 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

Instrument :

MSVOA_X

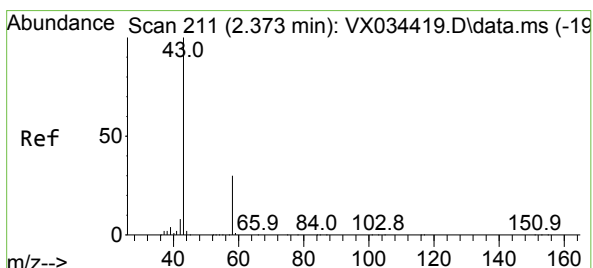
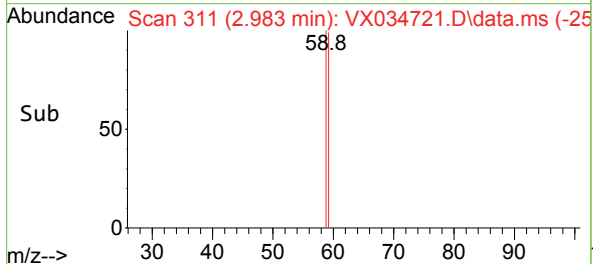
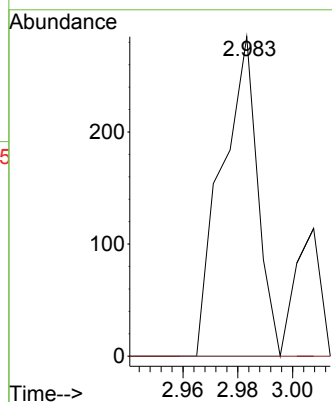
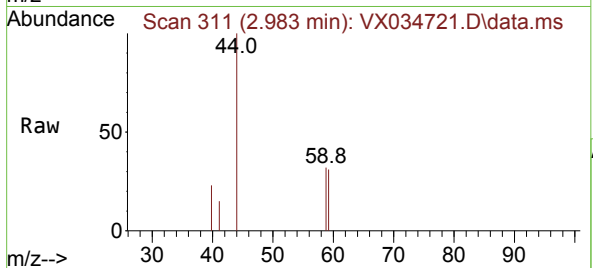
ClientSampleId :

Tgt Ion: 59 Resp: 259

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 14.151 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034721.D

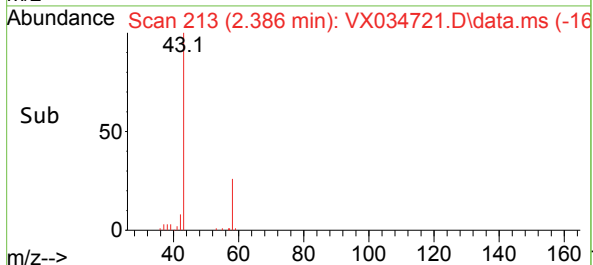
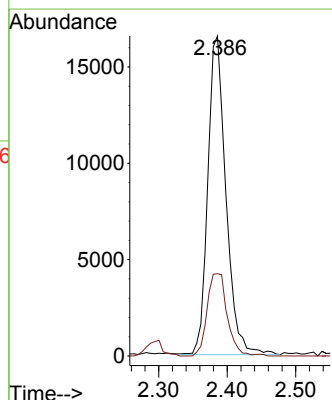
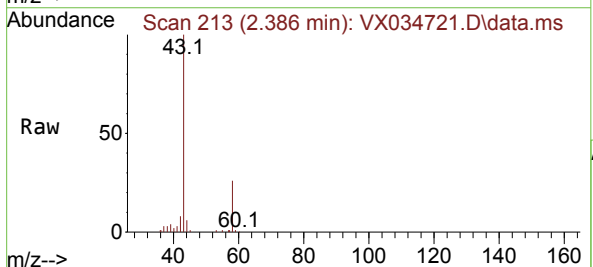
Acq: 24 Mar 2023 15:19

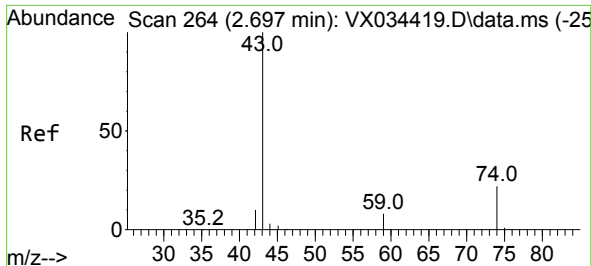
Tgt Ion: 43 Resp: 30387

Ion Ratio Lower Upper

43 100

58 25.8 24.7 37.1

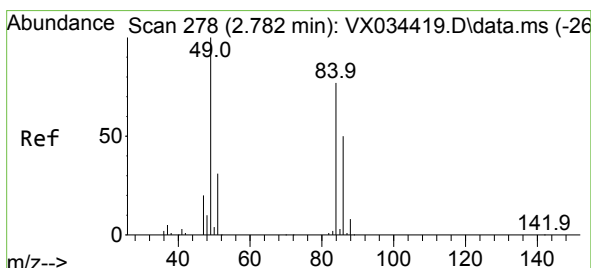
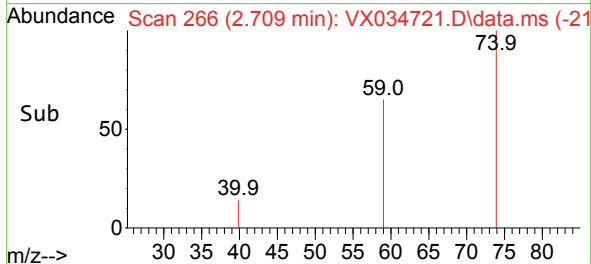
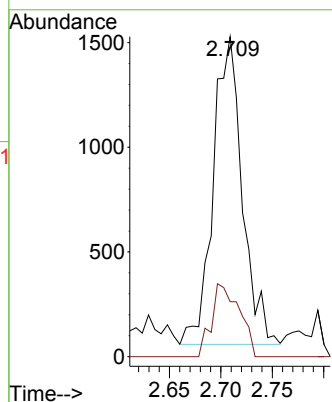
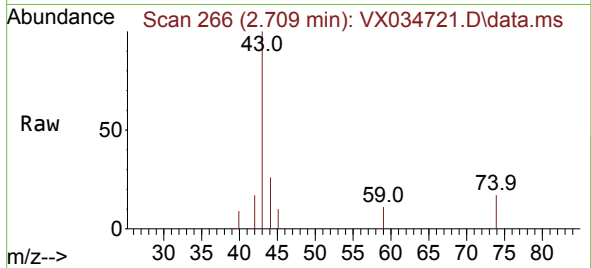




#18
Methyl Acetate
Concen: 0.412 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

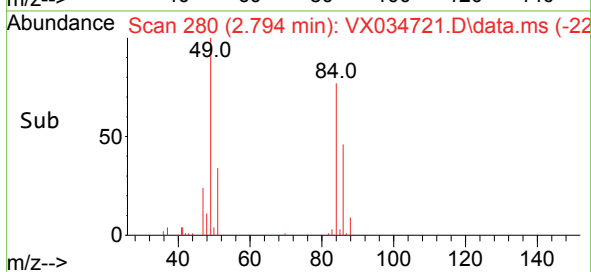
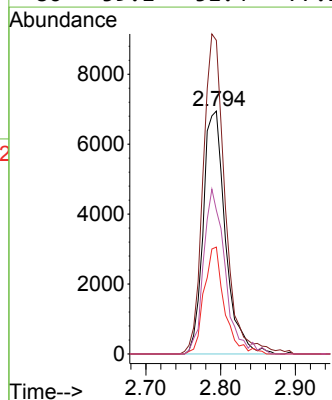
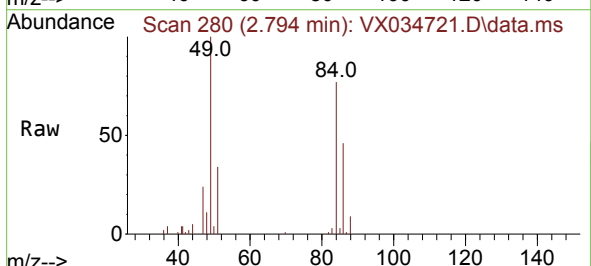
Instrument :
MSVOA_X
ClientSampleId :

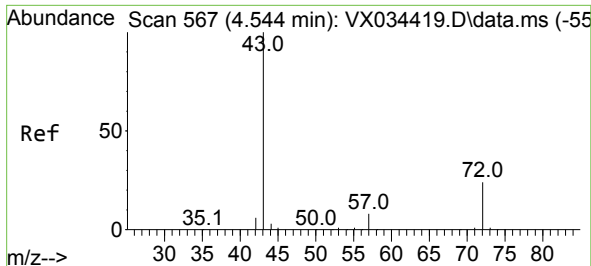
Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 3.439 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 84 Resp: 14332
Ion Ratio Lower Upper
84 100
49 129.1 103.8 155.8
51 44.0 31.8 47.8
86 59.1 51.4 77.2

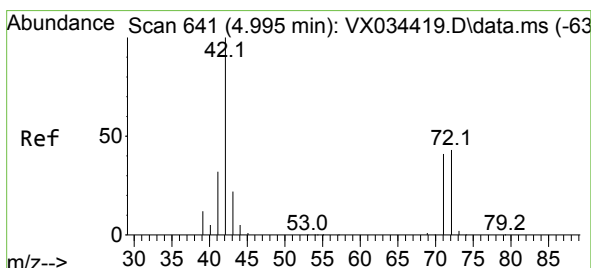
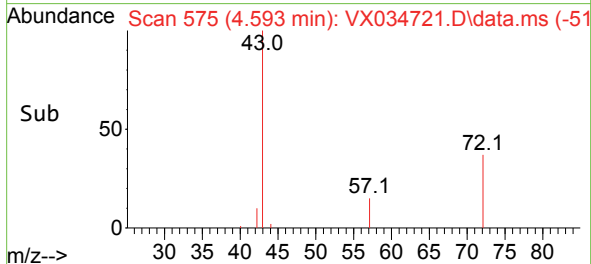
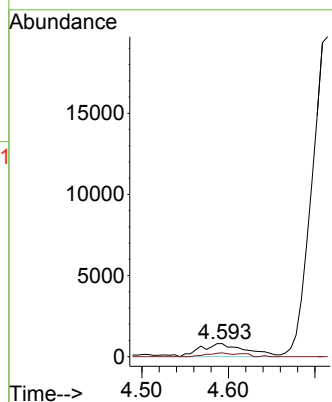
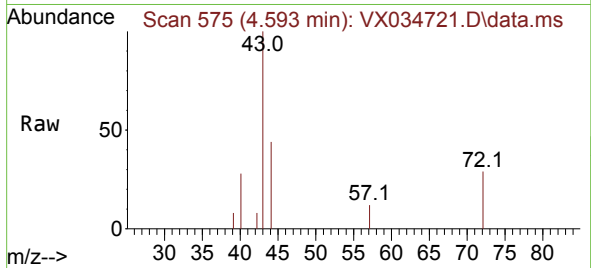




#25
2-Butanone
Concen: 0.960 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

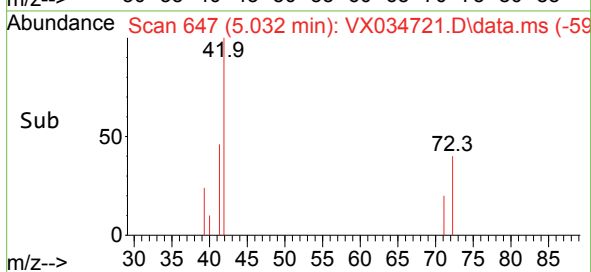
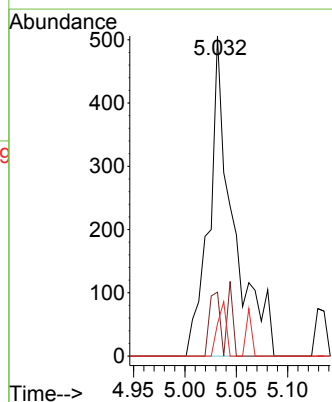
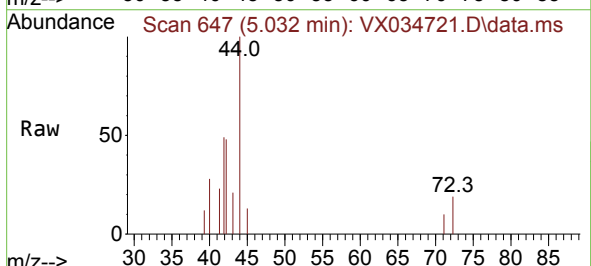
Instrument :
MSVOA_X
ClientSampleId :

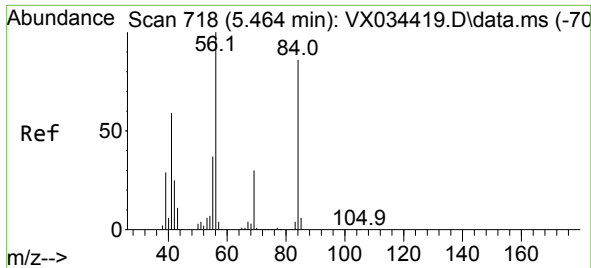
Tgt Ion: 43 Resp: 2950
Ion Ratio Lower Upper
43 100
72 29.3 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.428 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

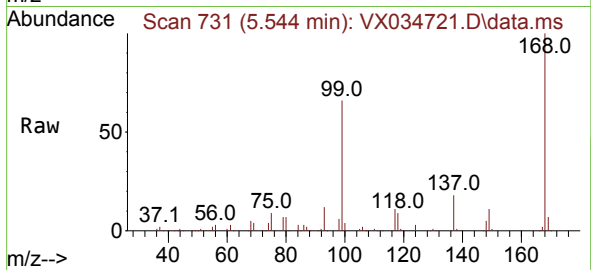
Tgt Ion: 42 Resp: 811
Ion Ratio Lower Upper
42 100
72 8.9 34.5 51.7#
71 6.2 32.1 48.1#



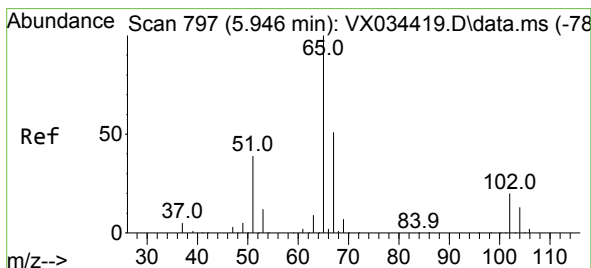
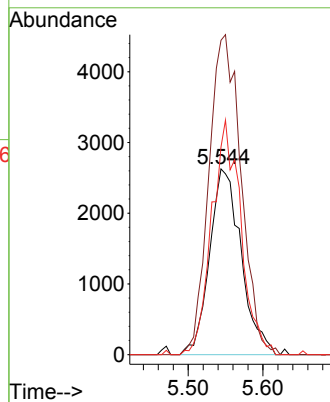
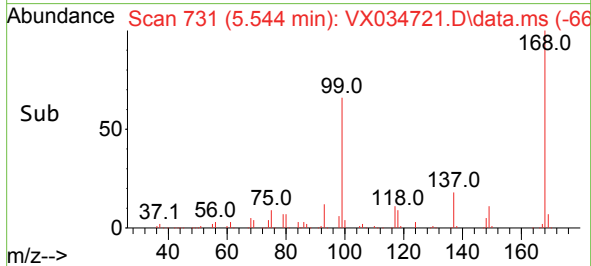


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :

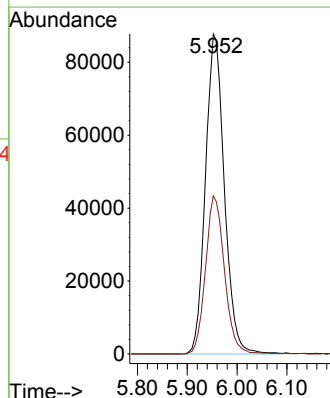
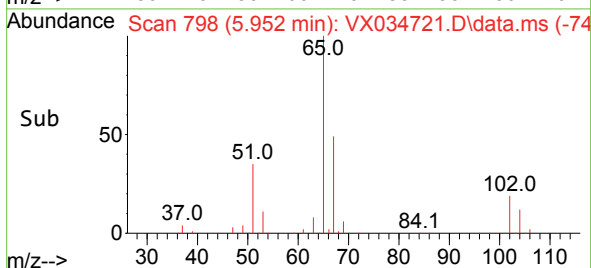
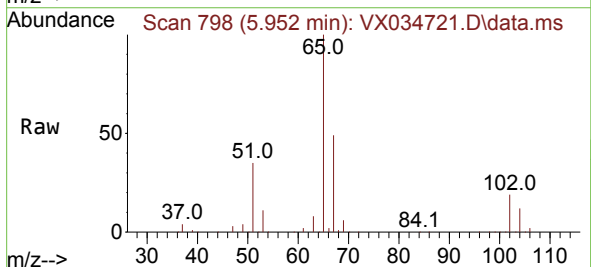


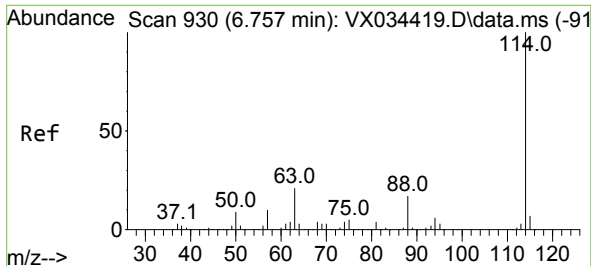
Tgt Ion: 56 Resp: 7697
Ion Ratio Lower Upper
56 100
69 169.2 23.7 35.5#
84 111.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 65 Resp: 230840
Ion Ratio Lower Upper
65 100
67 49.6 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: VX034721.D

Acq: 24 Mar 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

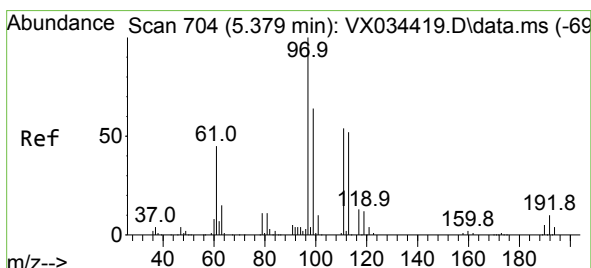
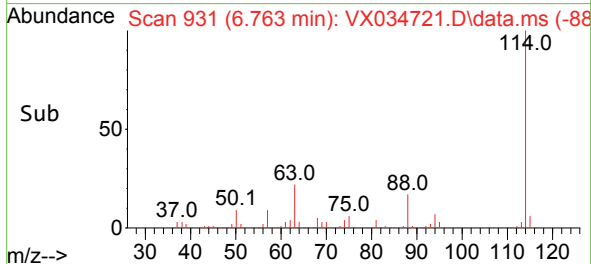
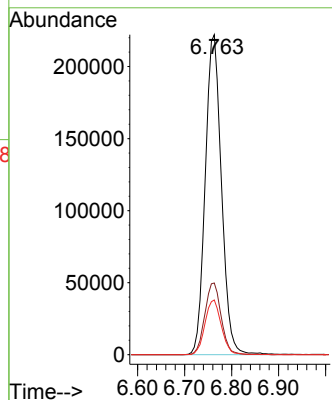
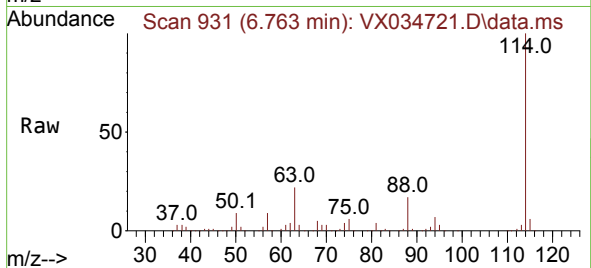
Tgt Ion:114 Resp: 530460

Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.2

88 17.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.799 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

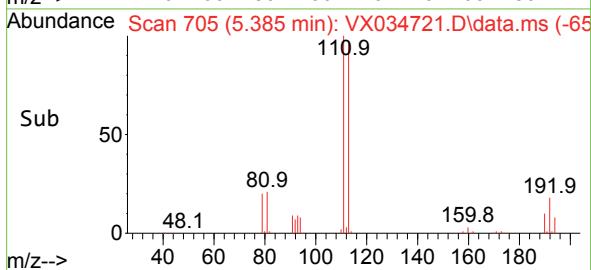
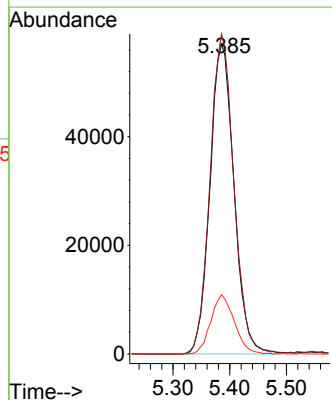
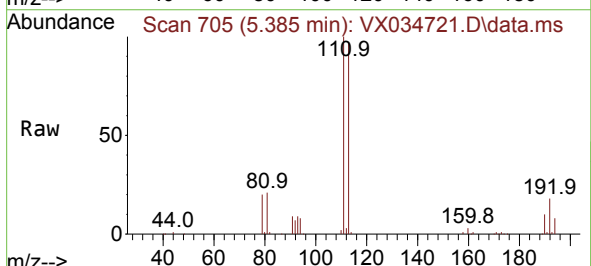
Tgt Ion:113 Resp: 167407

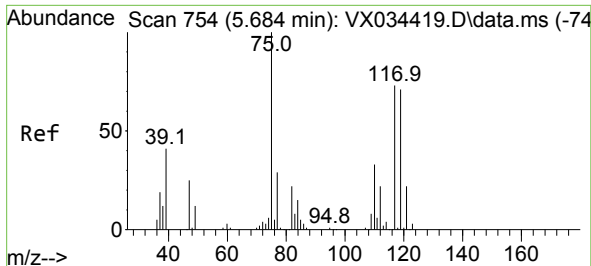
Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

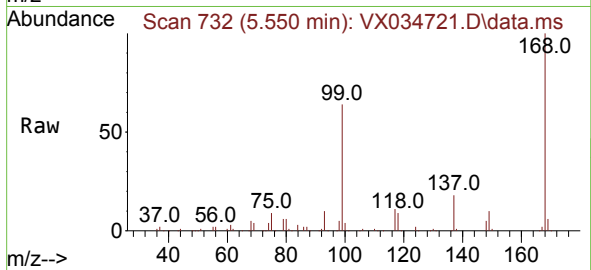
192 18.7 15.4 23.2



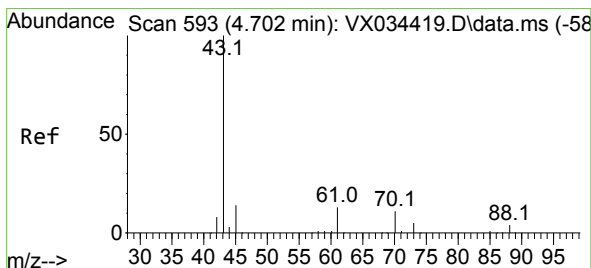
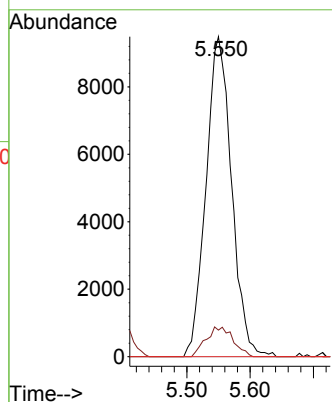
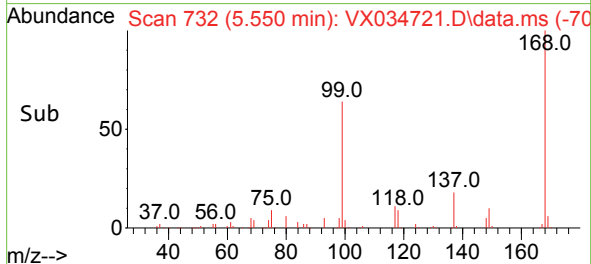


#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

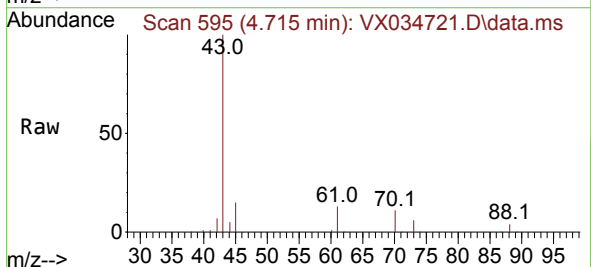
Instrument :
MSVOA_X
ClientSampleId :



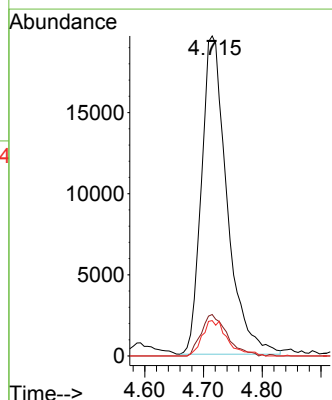
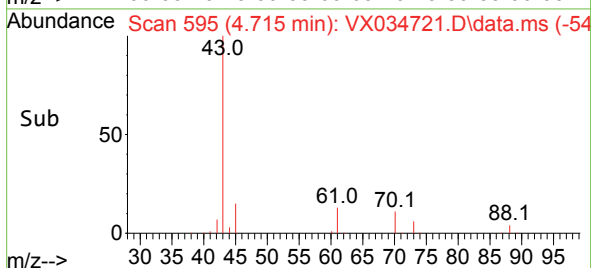
Tgt Ion: 75 Resp: 26662
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#

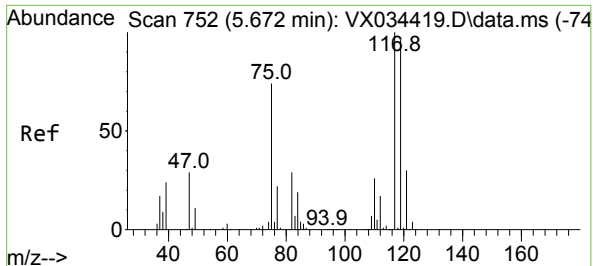


#37
Ethyl Acetate
Concen: 10.083 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19



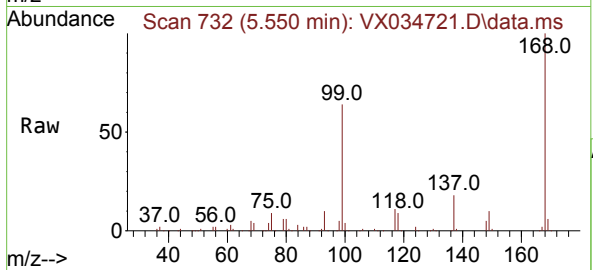
Tgt Ion: 43 Resp: 59253
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 11.0 8.2 12.4



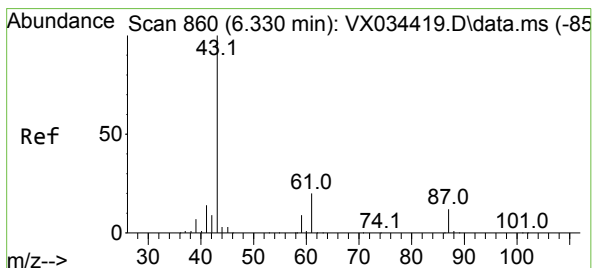
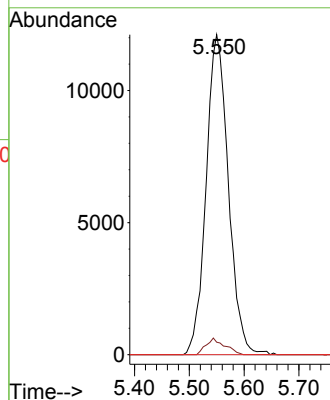
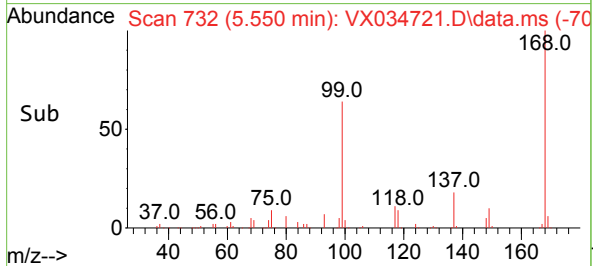


#38
Carbon Tetrachloride
Concen: 6.371 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :

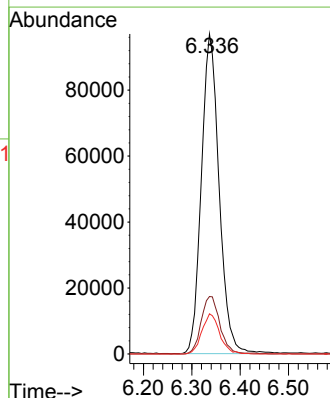
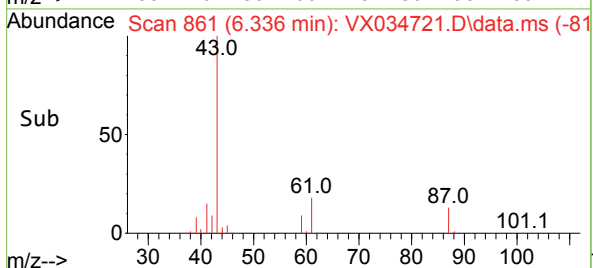
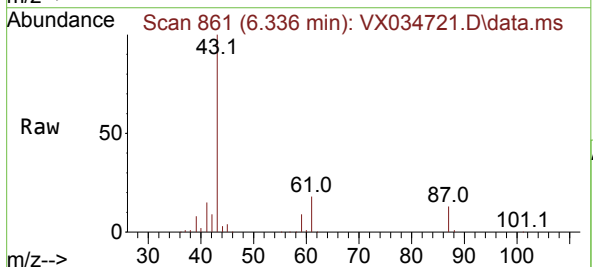


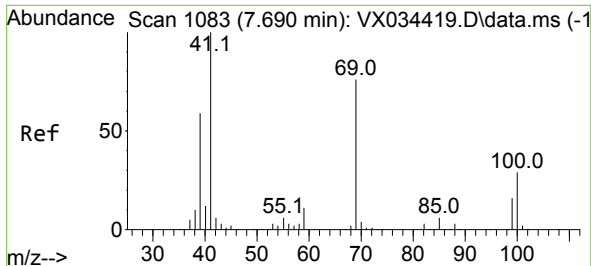
Tgt Ion:117 Resp: 34096
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 24.858 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 43 Resp: 247483
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.6 9.8 14.8

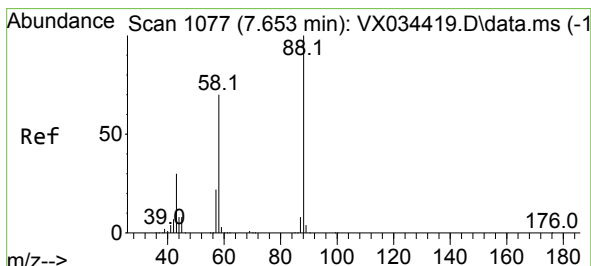
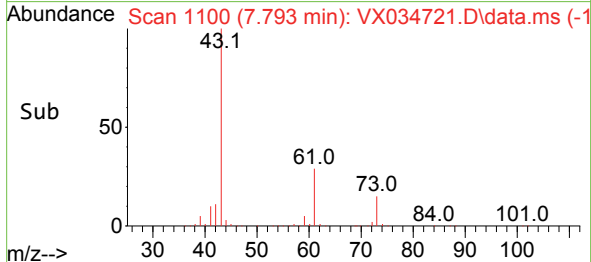
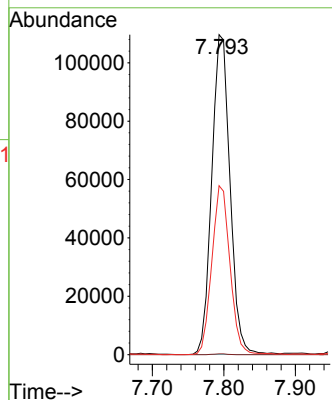
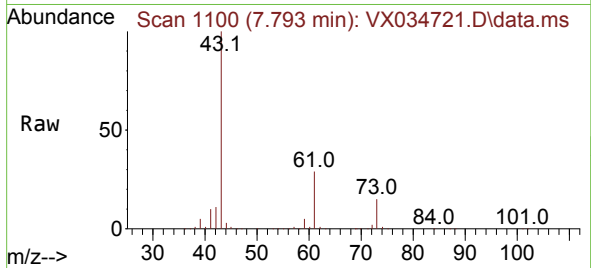




#48
Methyl methacrylate
Concen: 40.570 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

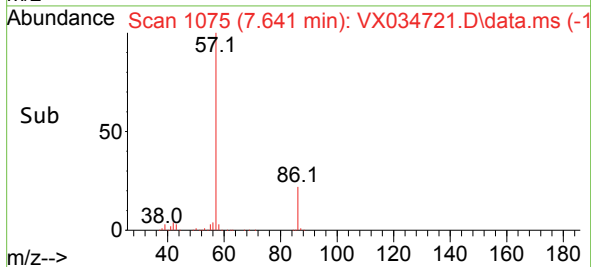
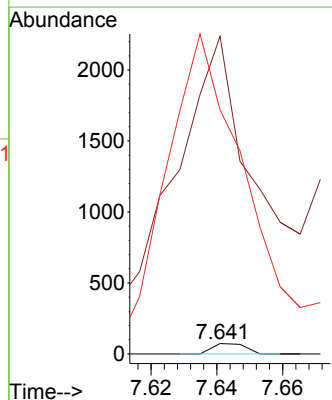
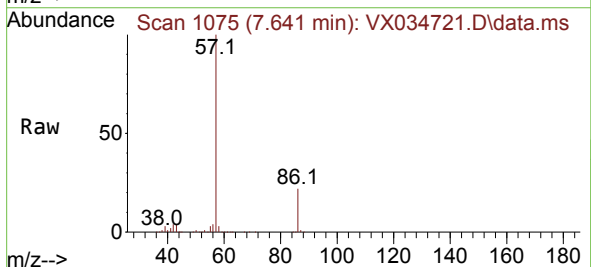
Instrument :
MSVOA_X
ClientSampleId :

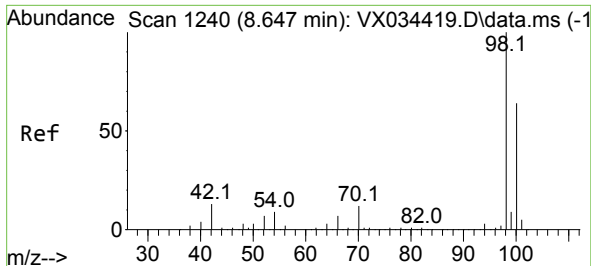
Tgt Ion: 41 Resp: 194255
Ion Ratio Lower Upper
41 100
69 0.2 62.2 93.4#
39 52.7 47.7 71.5



#49
1,4-Dioxane
Concen: 0.507 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.012 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 7486.3 56.8 85.2#

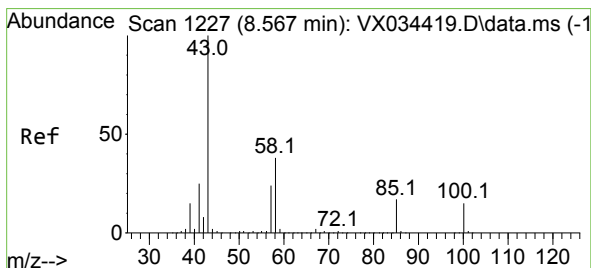
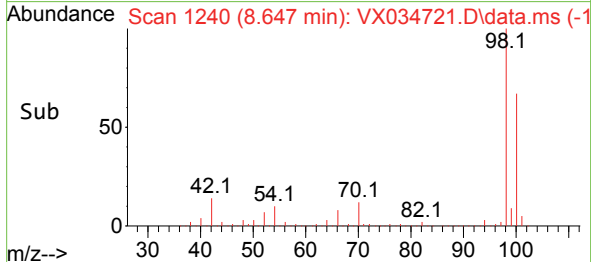
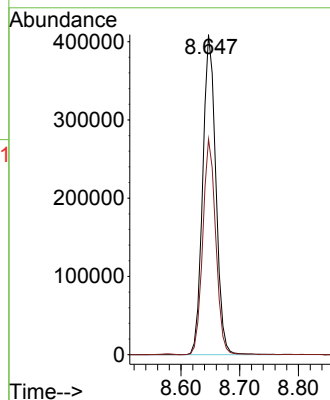
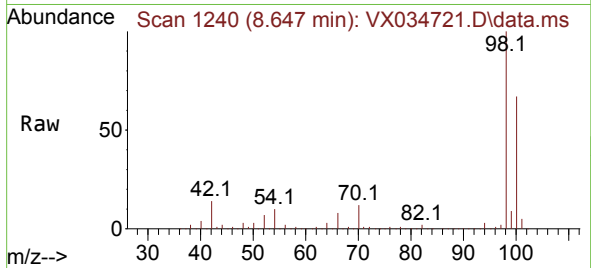




#50
Toluene-d8
Concen: 48.501 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

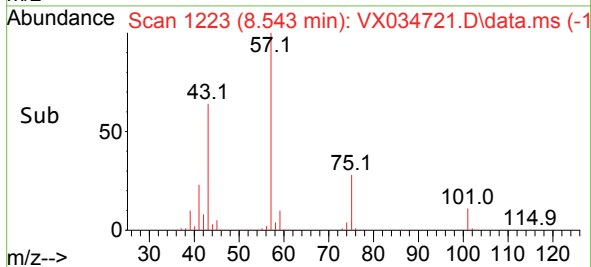
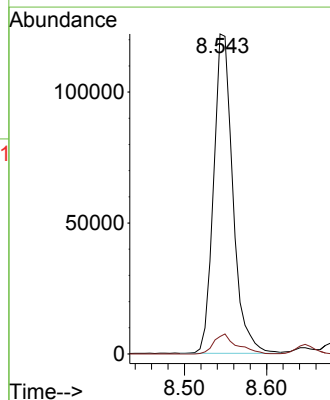
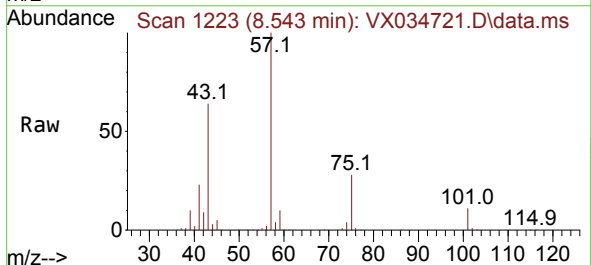
Instrument :
MSVOA_X
ClientSampleId :

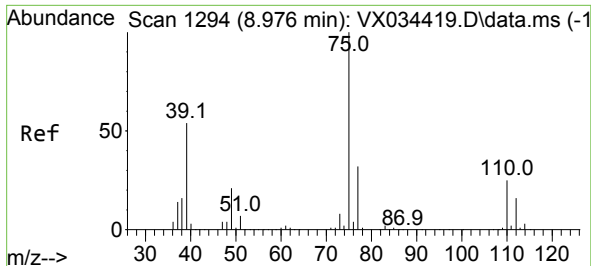
Tgt Ion: 98 Resp: 634122
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 34.402 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.024 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 43 Resp: 198686
Ion Ratio Lower Upper
43 100
58 7.5 30.6 46.0#

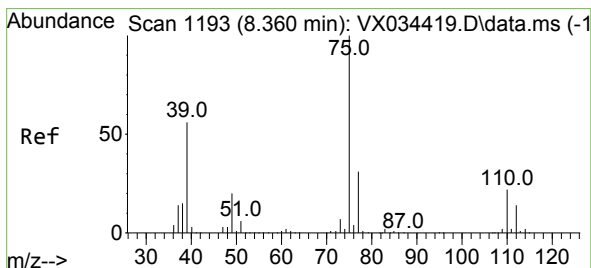
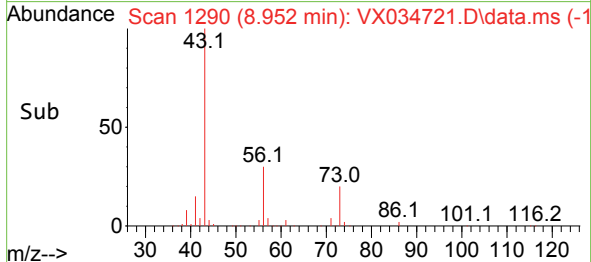
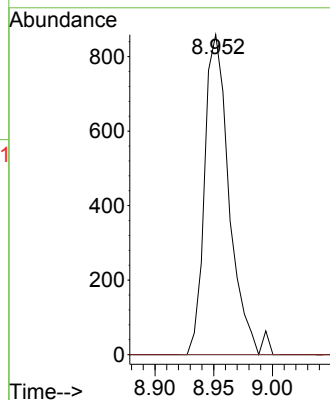
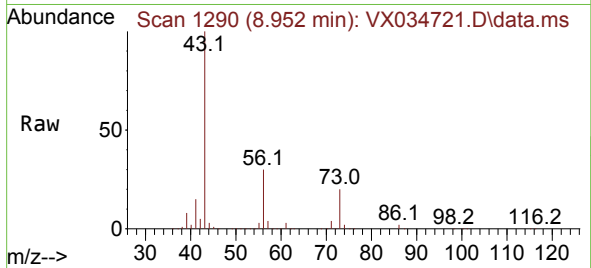




#53
 t-1,3-Dichloropropene
 Concen: 0.206 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX034721.D
 Acq: 24 Mar 2023 15:19

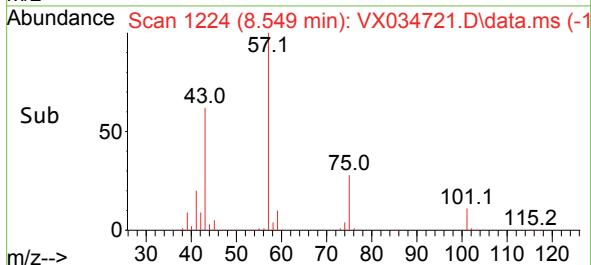
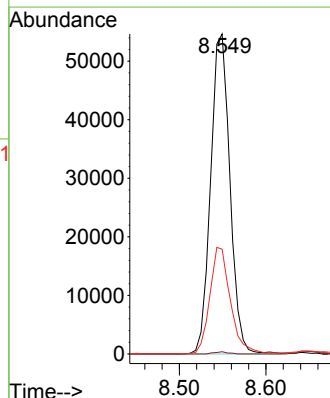
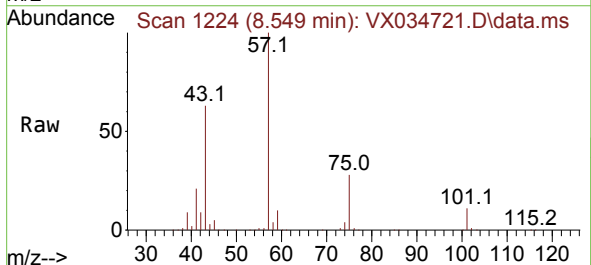
Instrument :
 MSVOA_X
 ClientSampleId :

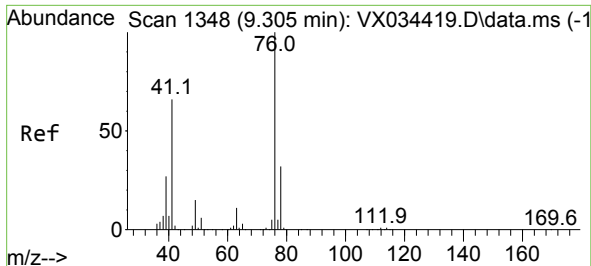
Tgt Ion: 75 Resp: 1255
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 12.817 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.189 min
 Lab File: VX034721.D
 Acq: 24 Mar 2023 15:19

Tgt Ion: 75 Resp: 84462
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.0 37.4#
 39 32.7 44.6 66.8#





#57

1,3-Dichloropropane

Concen: 1.468 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

Instrument :

MSVOA_X

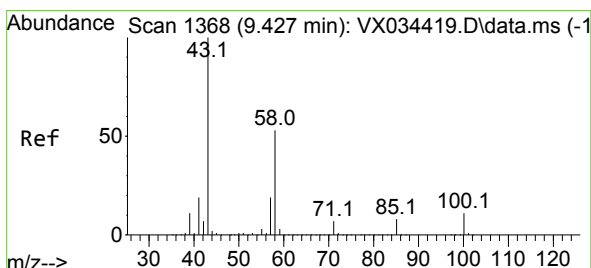
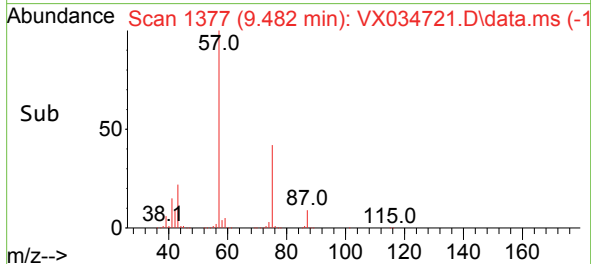
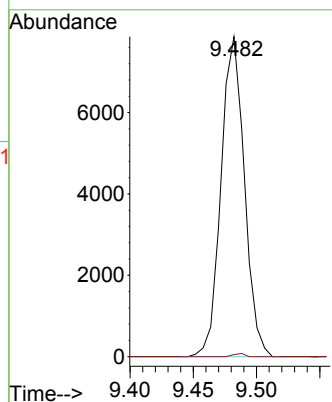
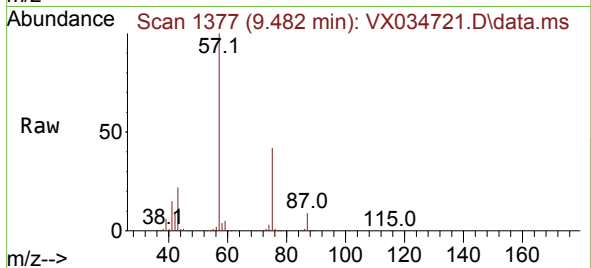
ClientSampleId :

Tgt Ion: 76 Resp: 10091

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#



#59

2-Hexanone

Concen: 32.628 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034721.D

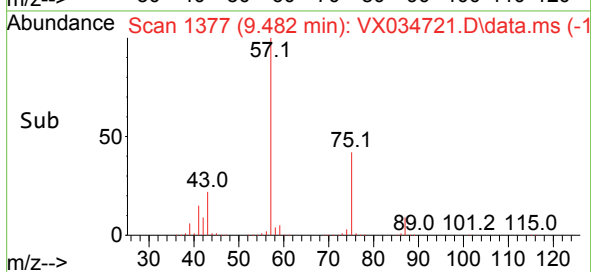
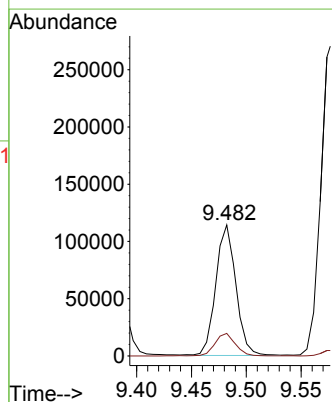
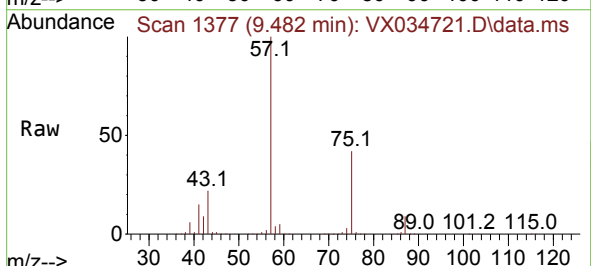
Acq: 24 Mar 2023 15:19

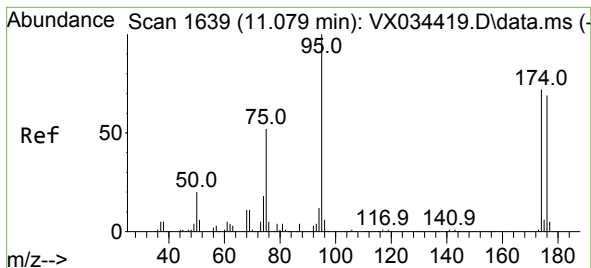
Tgt Ion: 43 Resp: 145667

Ion Ratio Lower Upper

43 100

58 18.0 26.3 78.9#

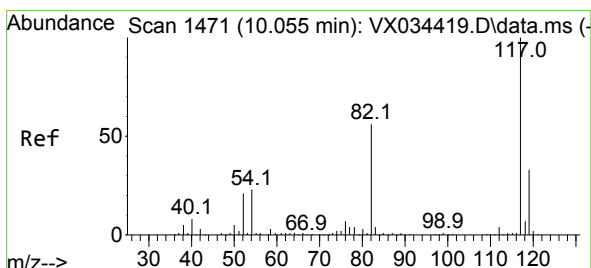
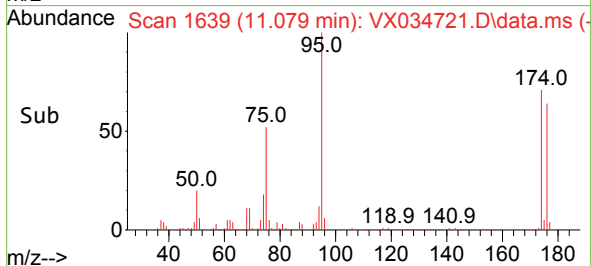
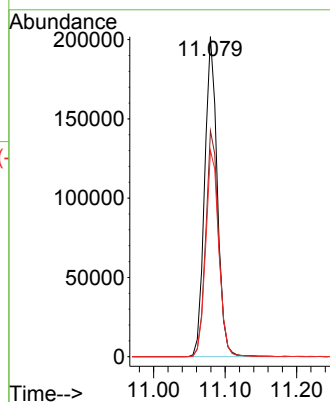
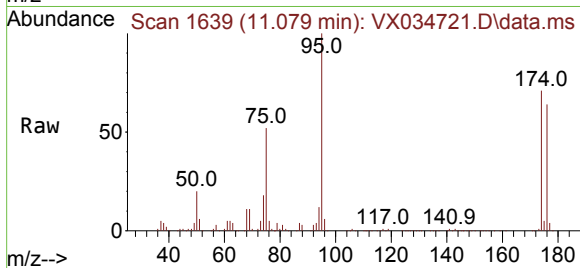




#62
4-Bromofluorobenzene
Concen: 46.937 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

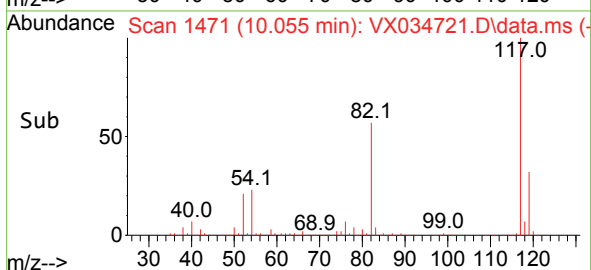
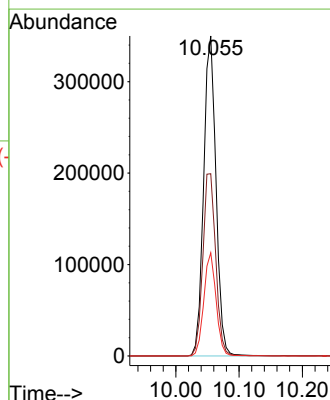
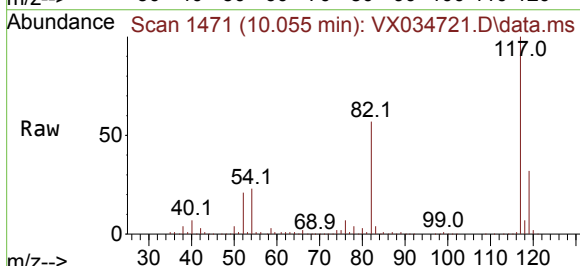
Instrument :
MSVOA_X
ClientSampleId :

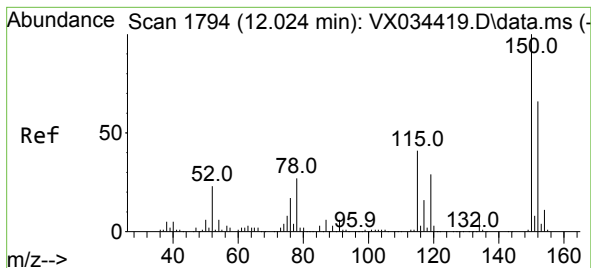
Tgt Ion: 95 Resp: 247877
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 67.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 117 Resp: 476308
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

Instrument :

MSVOA_X

ClientSampleId :

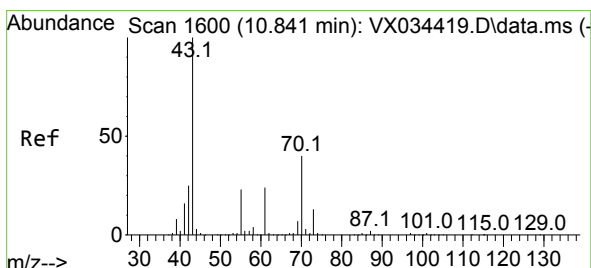
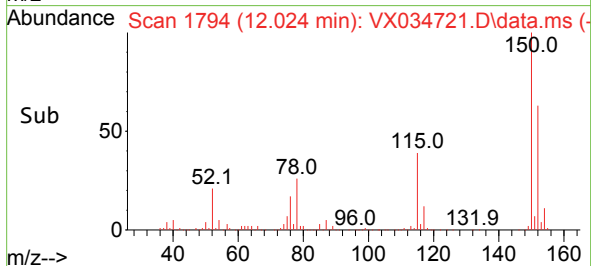
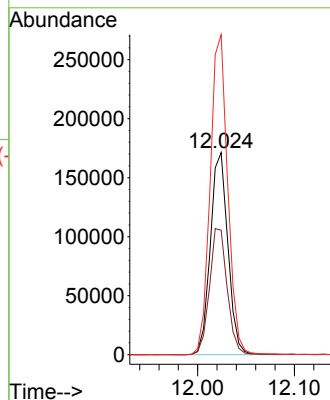
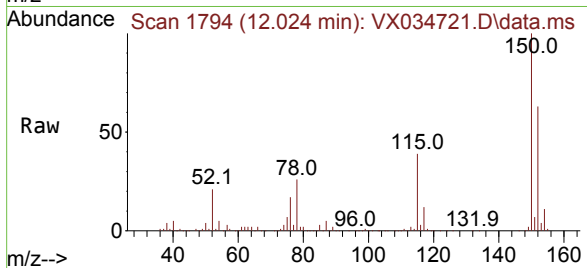
Tgt Ion:152 Resp: 216258

Ion Ratio Lower Upper

152 100

115 63.2 45.0 135.0

150 158.2 0.0 352.4



#74

N-ethyl acetate

Concen: 6.334 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX034721.D

Acq: 24 Mar 2023 15:19

Tgt Ion: 43 Resp: 50710

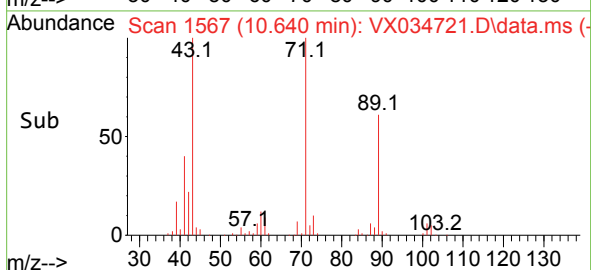
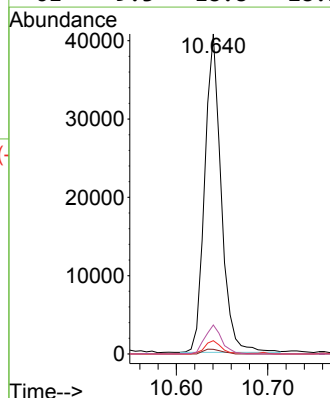
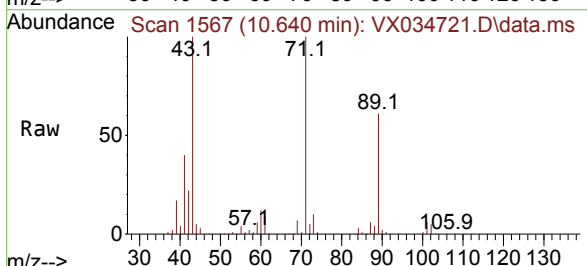
Ion Ratio Lower Upper

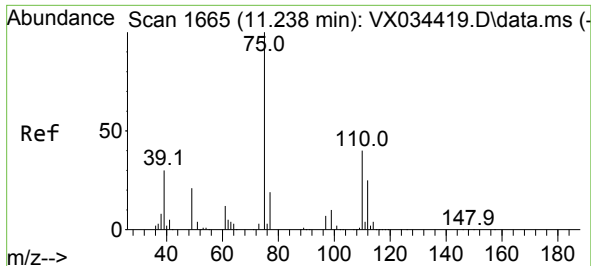
43 100

70 1.7 32.1 48.1#

55 4.3 18.3 27.5#

61 9.3 18.8 28.2#

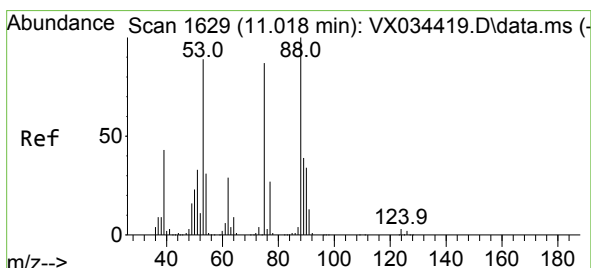
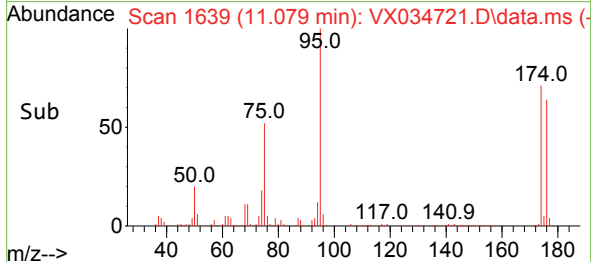
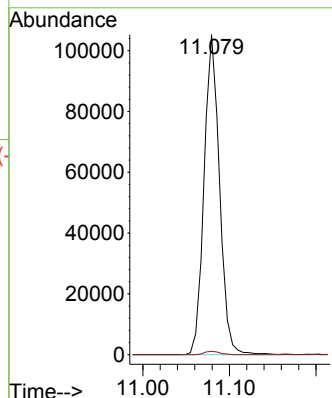
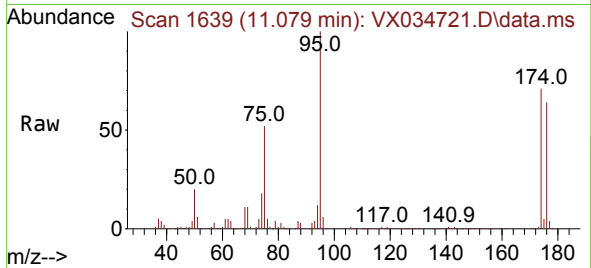




#76
1,2,3-Trichloropropane
Concen: 26.276 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 130477
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034721.D
Acq: 24 Mar 2023 15:19

Tgt Ion: 75 Resp: 130477
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

