

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034597.D
 Acq On : 17 Mar 2023 20:17
 Operator : JC/MD
 Sample : 01932-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CE-86B-031423

Quant Time: Mar 20 00:08:48 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)

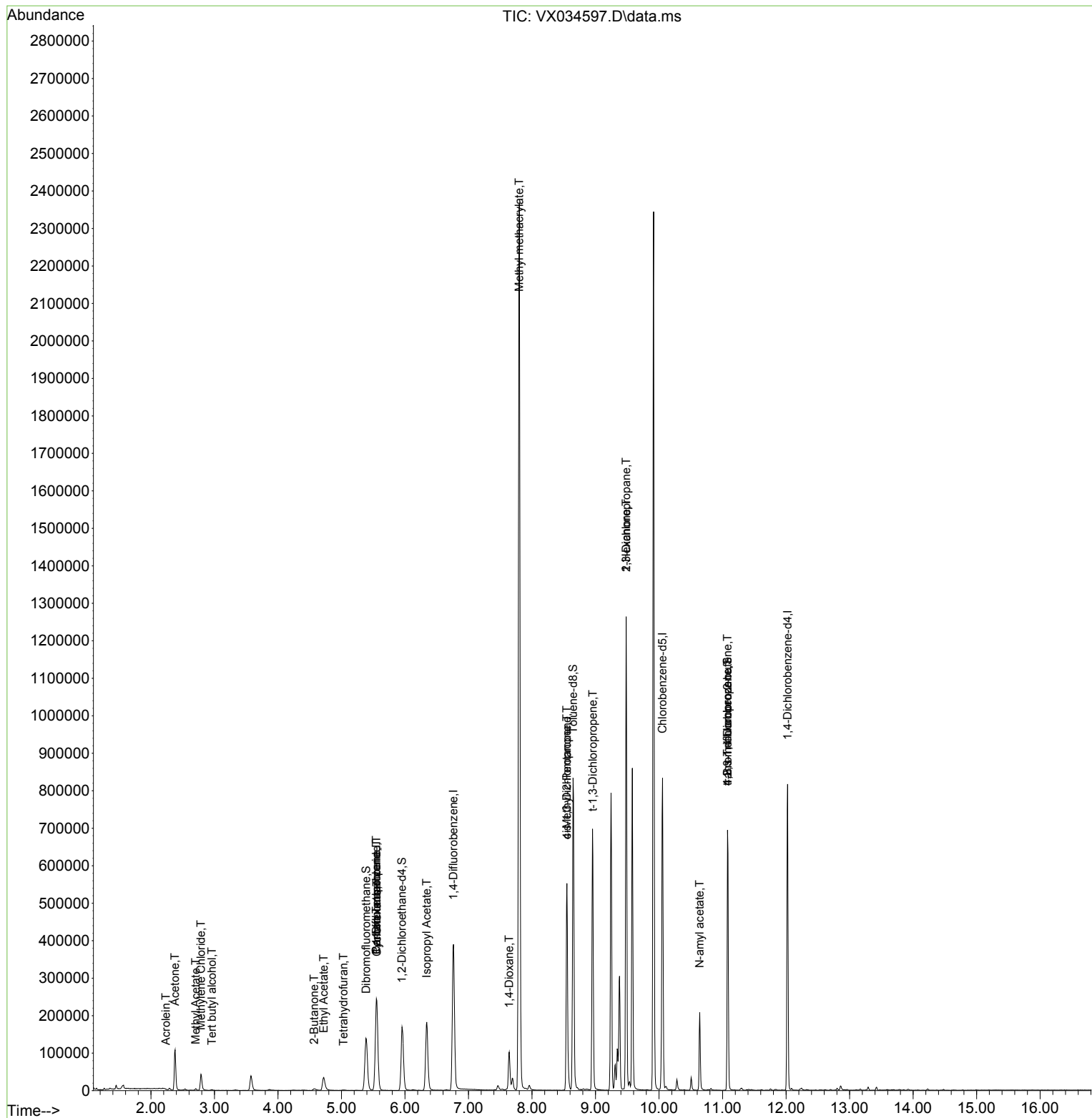
Internal Standards						
1) Pentafluorobenzene	5.550	168	225888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157028	47.784	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.560%		
35) Dibromofluoromethane	5.385	113	122725	47.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	8.647	98	475890	49.561	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.120%		
62) 4-Bromofluorobenzene	11.079	95	179280	46.224	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	190	Below Cal	#	42
11) Tert butyl alcohol	2.959	59	2108	3.080	ug/l #	87
13) Acrolein	2.233	56	225	0.416	ug/l #	42
16) Acetone	2.380	43	115115	74.365	ug/l	99
18) Methyl Acetate	2.703	43	4662	0.922	ug/l	99
20) Methylene Chloride	2.788	84	19267	6.413	ug/l	92
25) 2-Butanone	4.568	43	9064	4.092	ug/l	96
29) Tetrahydrofuran	5.031	42	1032	0.755	ug/l #	55
31) Cyclohexane	5.556	56	5680	1.232	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	18993	4.808	ug/l #	50
37) Ethyl Acetate	4.721	43	62739	14.536	ug/l	98
38) Carbon Tetrachloride	5.550	117	23771	6.048	ug/l #	16
43) Isopropyl Acetate	6.342	43	252551	34.541	ug/l	100
48) Methyl methacrylate	7.799	41	206540	58.735	ug/l #	47
49) 1,4-Dioxane	7.641	88	50	0.677	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	200628	47.301	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	1365	0.305	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	84166	17.391	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	10352	2.051	ug/l #	42
59) 2-Hexanone	9.482	43	148488	45.288	ug/l #	52
74) N-amyl acetate	10.640	43	55602	9.449	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	95507	26.166	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95507	70.786	ug/l #	8

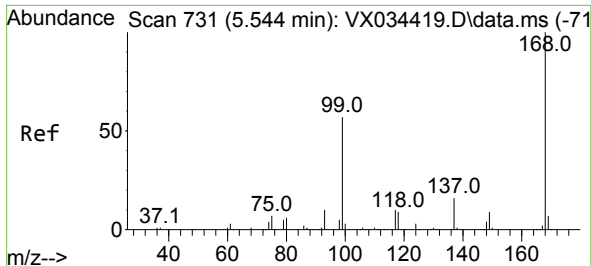
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
Data File : VX034597.D
Acq On : 17 Mar 2023 20:17
Operator : JC/MD
Sample : 01932-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

Quant Time: Mar 20 00:08:48 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

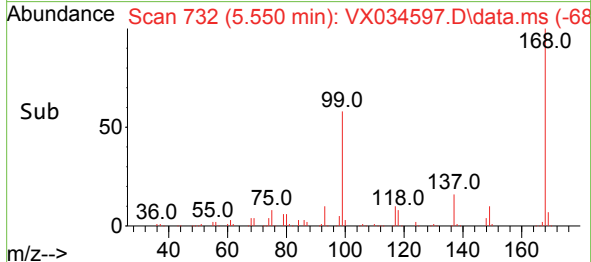
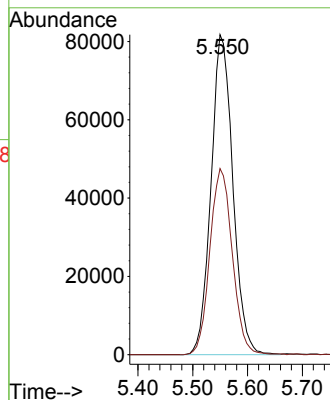
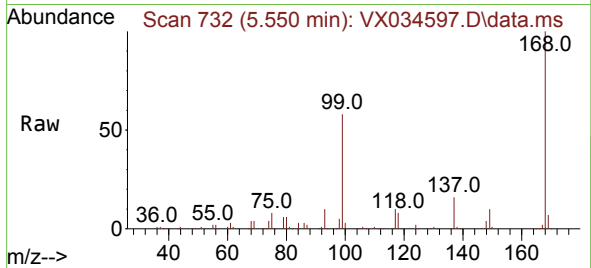




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

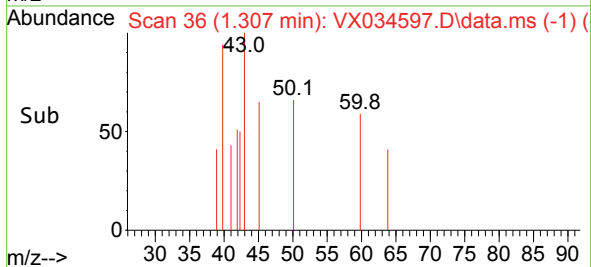
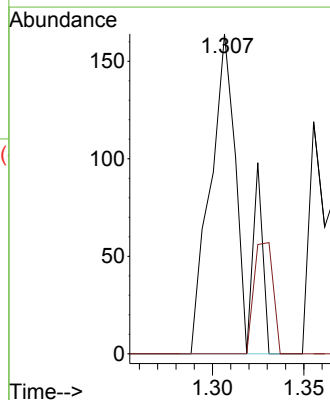
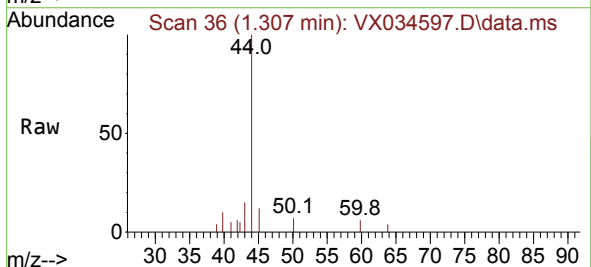
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

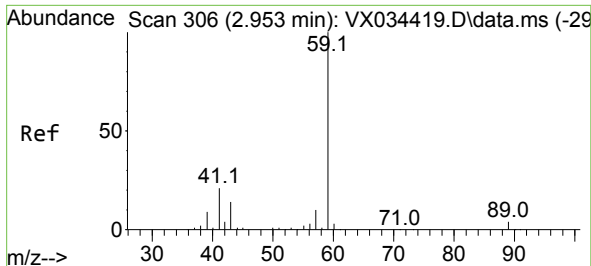
Tgt Ion:168 Resp: 225888
Ion Ratio Lower Upper
168 100
99 58.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 50 Resp: 190
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9

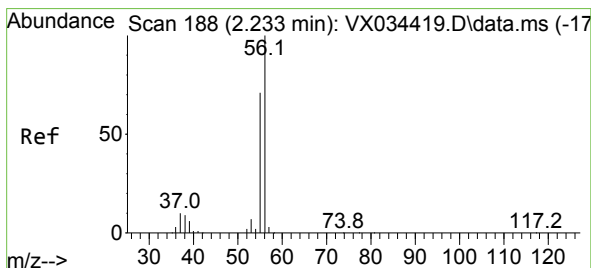
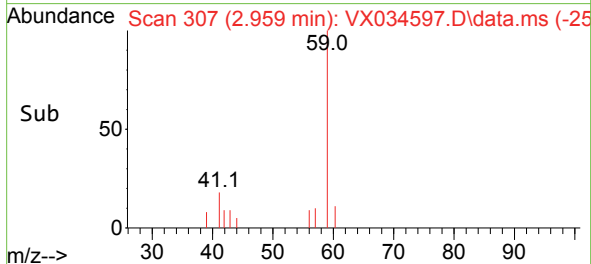
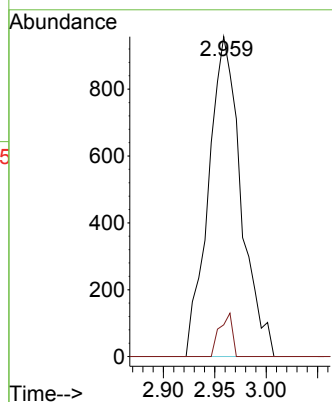
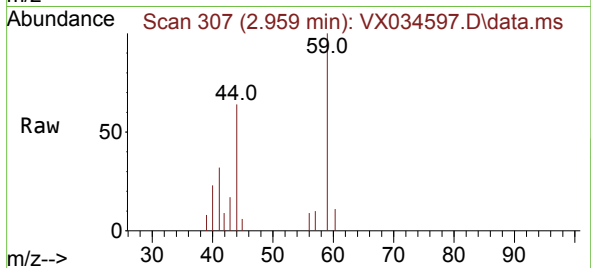




#11
Tert butyl alcohol
Concen: 3.080 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

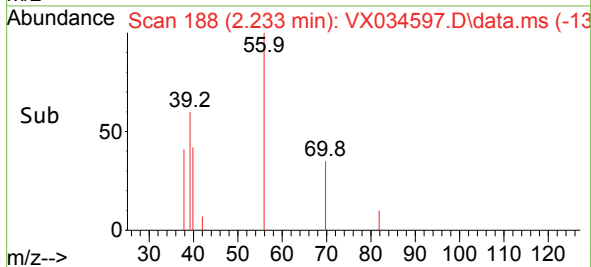
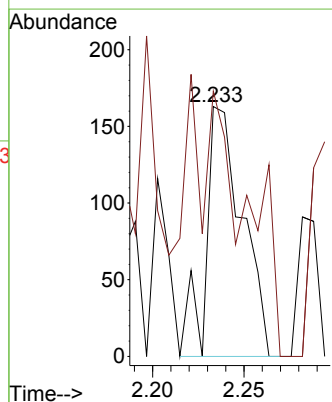
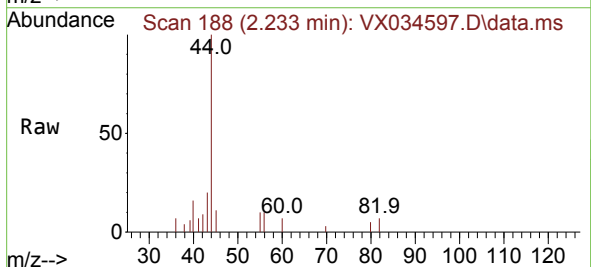
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

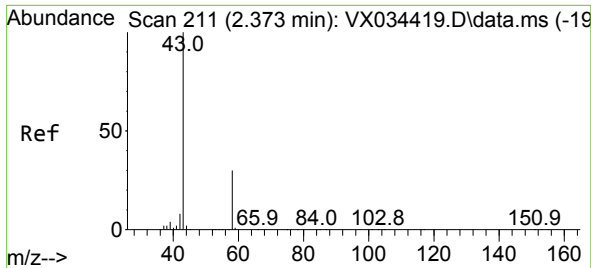
Tgt Ion: 59 Resp: 2108
Ion Ratio Lower Upper
59 100
57 5.3 8.1 12.1#



#13
Acrolein
Concen: 0.416 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 23.1 56.6 85.0#

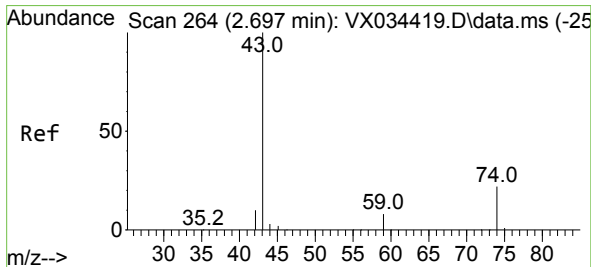
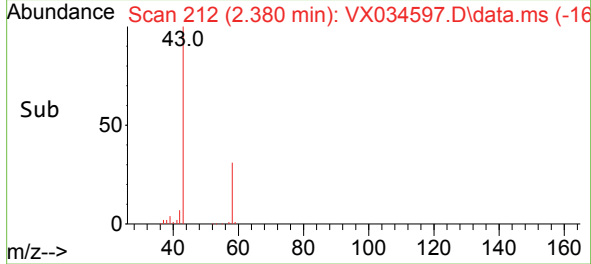
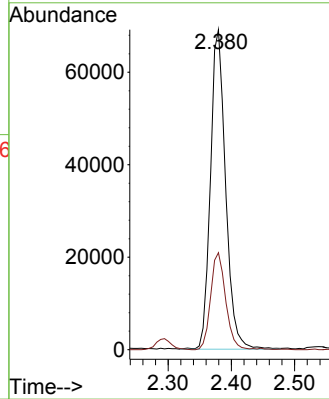
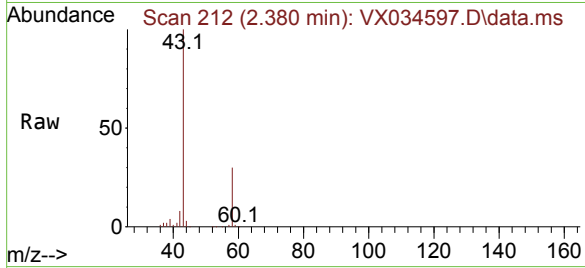




#16
Acetone
Concen: 74.365 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

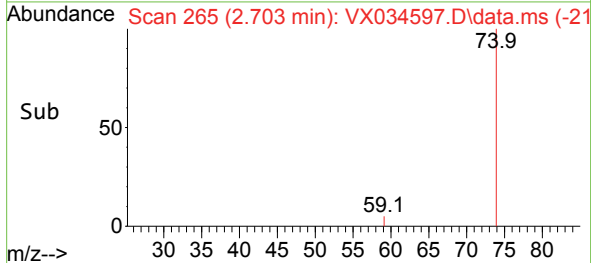
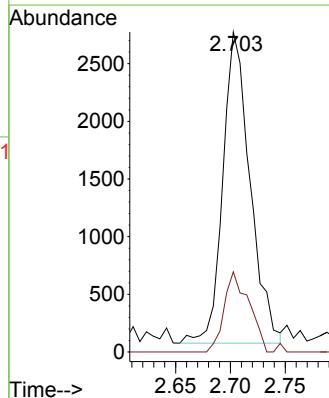
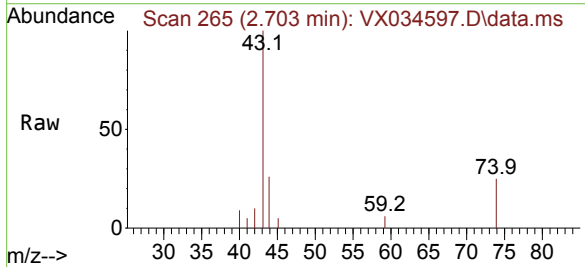
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

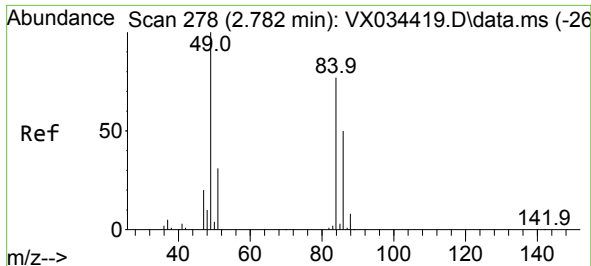
Tgt Ion: 43 Resp: 115115
Ion Ratio Lower Upper
43 100
58 30.2 24.7 37.1



#18
Methyl Acetate
Concen: 0.922 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 43 Resp: 4662
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5

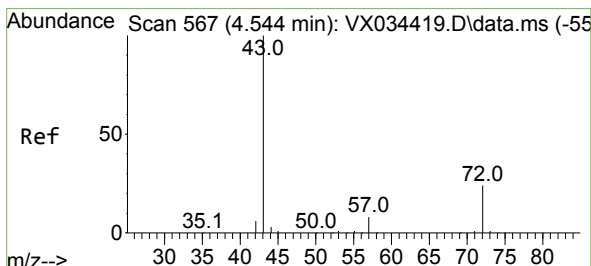
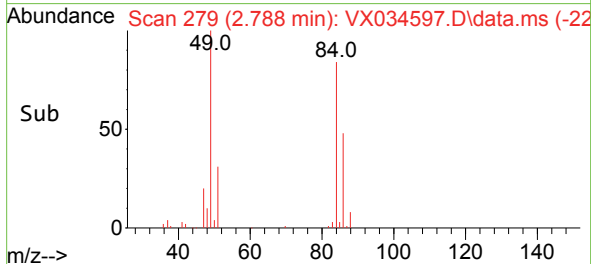
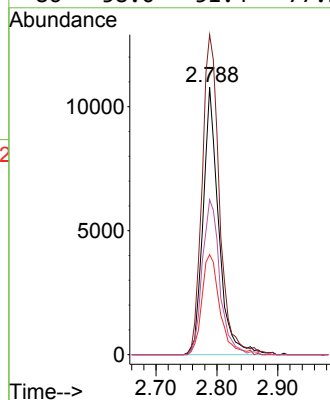
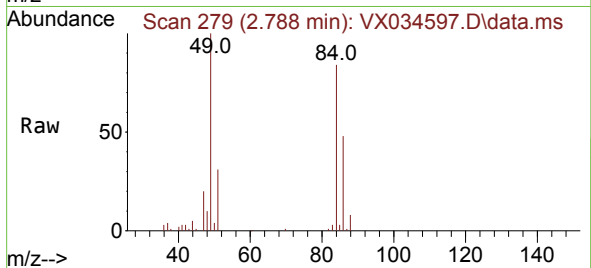




#20
Methylene Chloride
Concen: 6.413 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

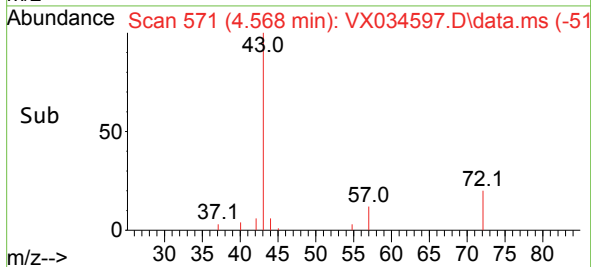
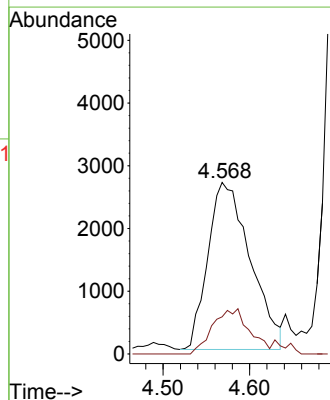
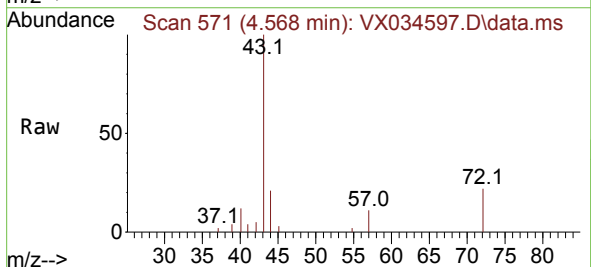
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

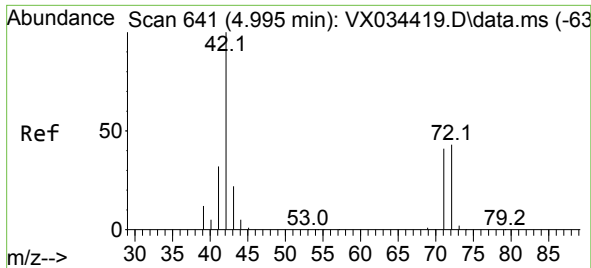
Tgt Ion:	84	Resp:	19267
Ion	Ratio	Lower	Upper
84	100		
49	119.6	103.8	155.8
51	37.4	31.8	47.8
86	58.0	51.4	77.2



#25
2-Butanone
Concen: 4.092 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion:	43	Resp:	9064
Ion	Ratio	Lower	Upper
43	100		
72	22.2	19.3	28.9

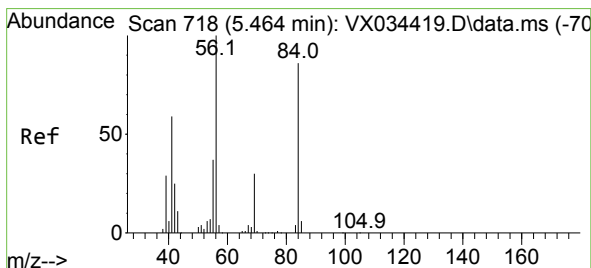
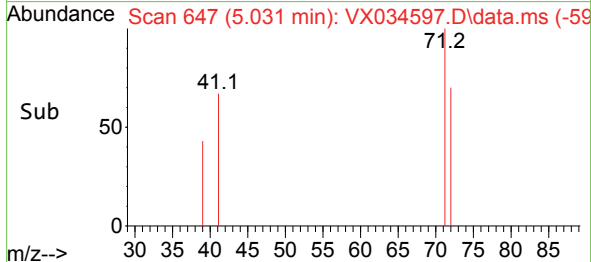
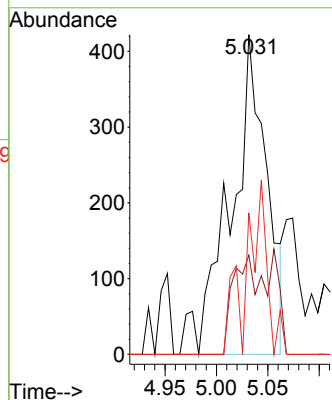
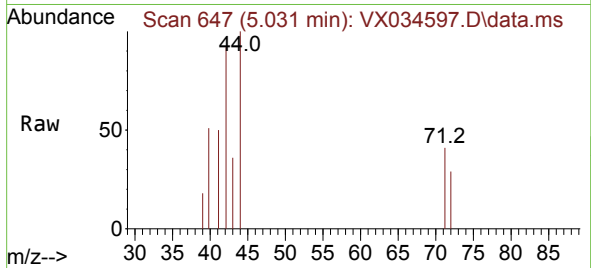




#29
Tetrahydrofuran
Concen: 0.755 ug/l
RT: 5.031 min Scan# 641
Delta R.T. 0.037 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

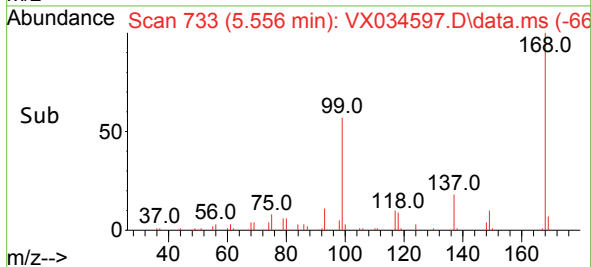
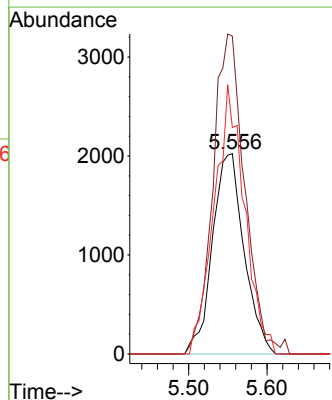
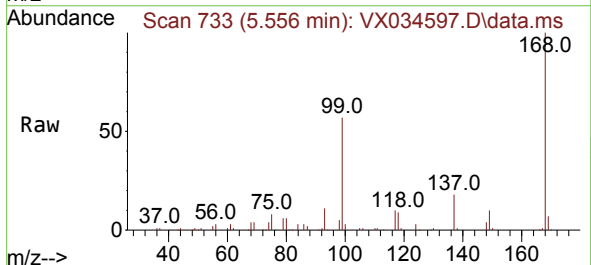
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

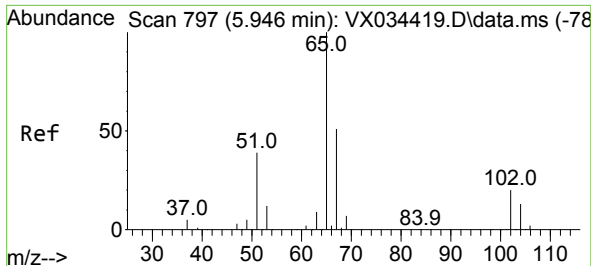
Tgt Ion: 42 Resp: 1032
Ion Ratio Lower Upper
42 100
72 18.3 34.5 51.7#
71 7.8 32.1 48.1#



#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 56 Resp: 5680
Ion Ratio Lower Upper
56 100
69 158.6 23.7 35.5#
84 113.0 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.784 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034597.D

Acq: 17 Mar 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

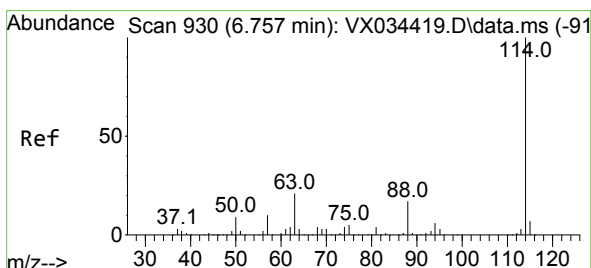
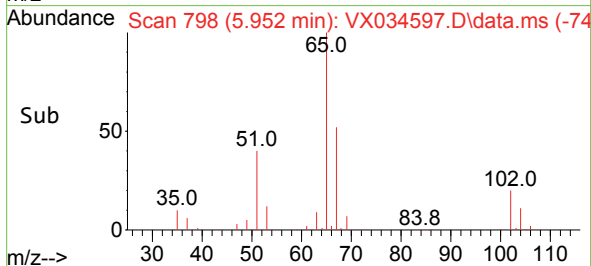
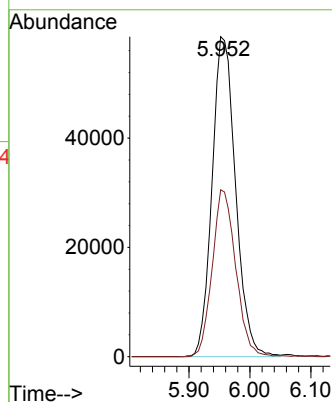
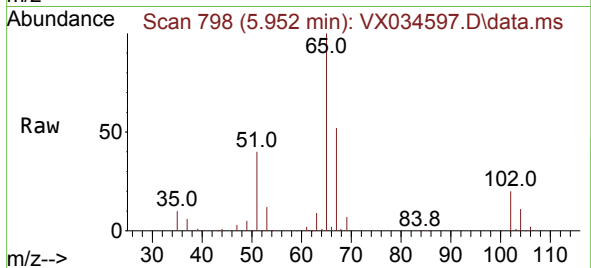
CE-86B-031423

Tgt Ion: 65 Resp: 157028

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034597.D

Acq: 17 Mar 2023 20:17

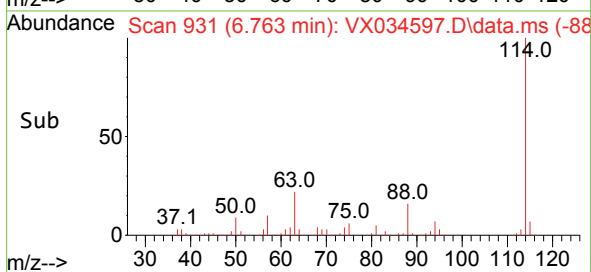
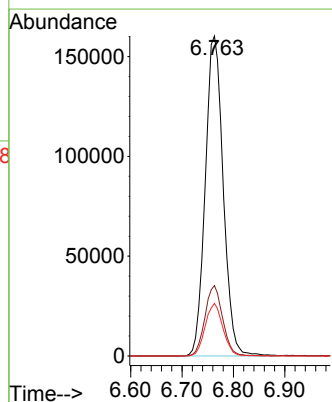
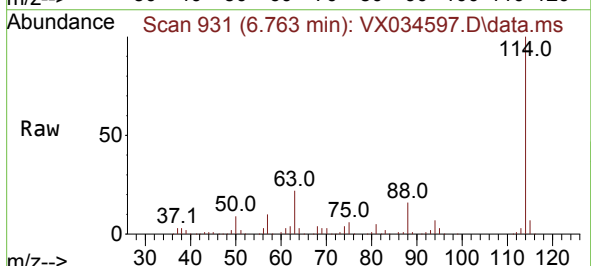
Tgt Ion: 114 Resp: 389575

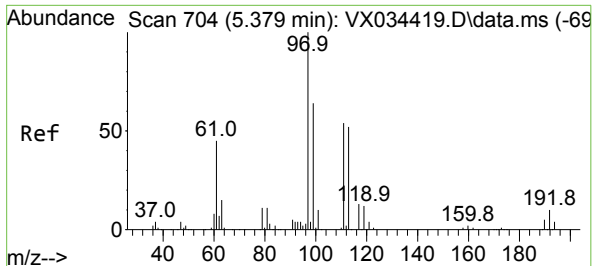
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.5 0.0 33.2

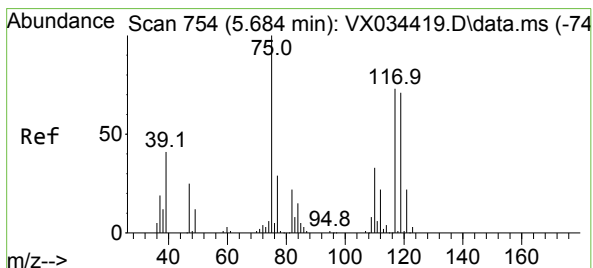
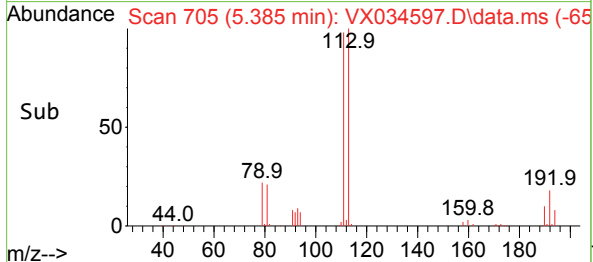
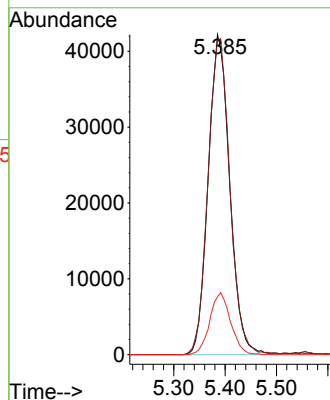
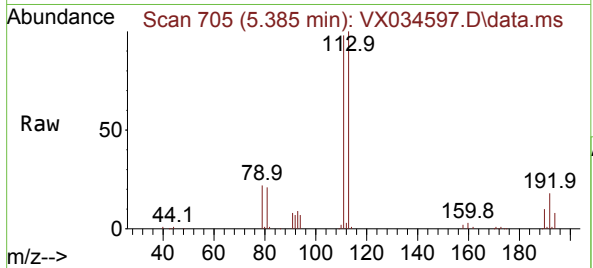




#35
Dibromofluoromethane
Concen: 47.713 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

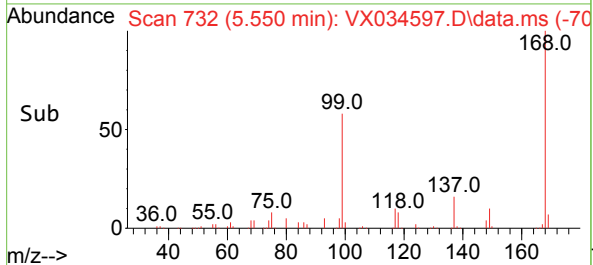
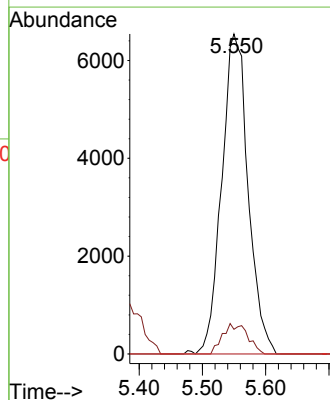
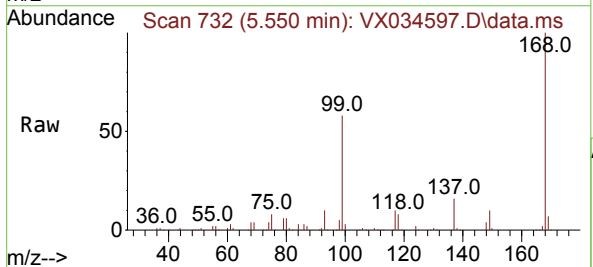
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

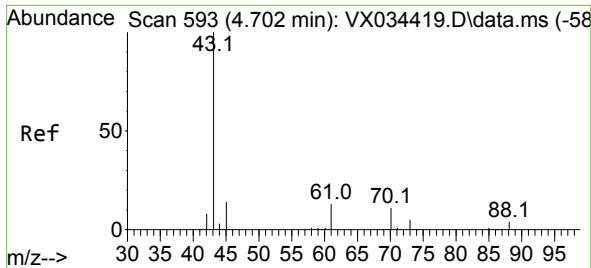
Tgt Ion:113 Resp: 122725
Ion Ratio Lower Upper
113 100
111 100.8 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 75 Resp: 18993
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#

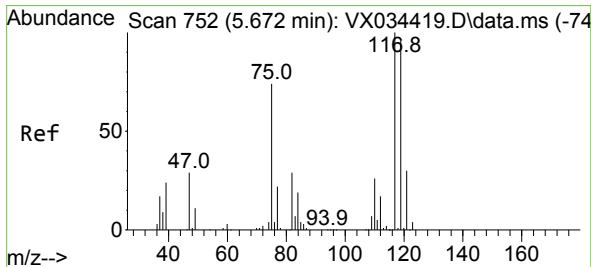
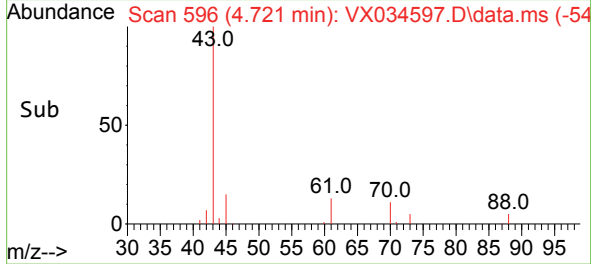
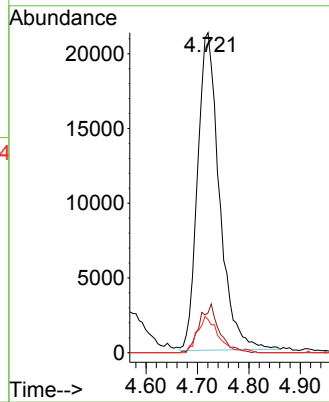
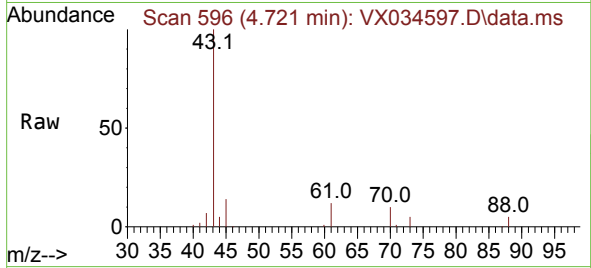




#37
Ethyl Acetate
Concen: 14.536 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.018 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

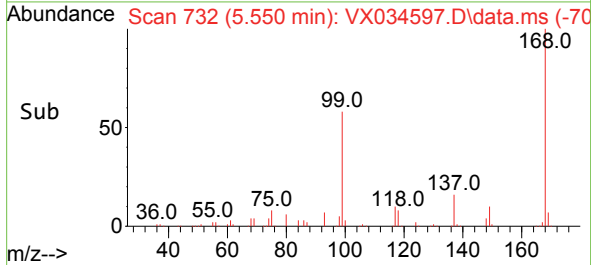
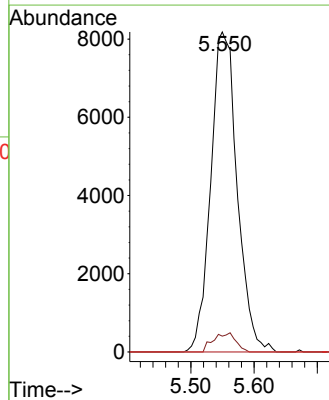
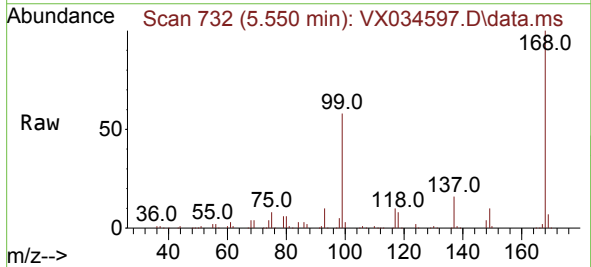
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

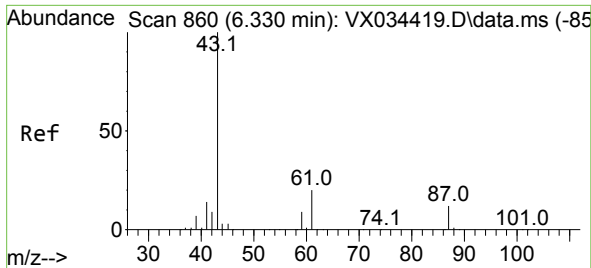
Tgt Ion: 43 Resp: 62739
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.4
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 117 Resp: 23771
Ion Ratio Lower Upper
117 100
119 5.0 76.6 114.8#
121 0.0 23.8 35.6#

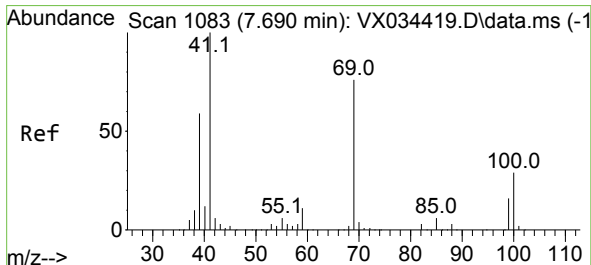
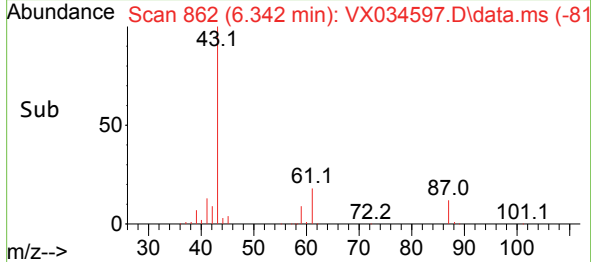
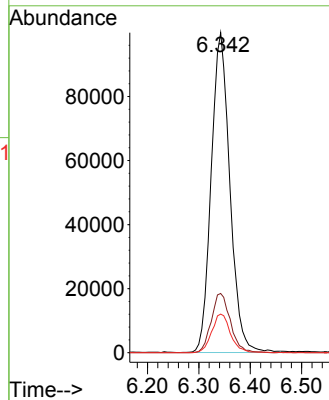
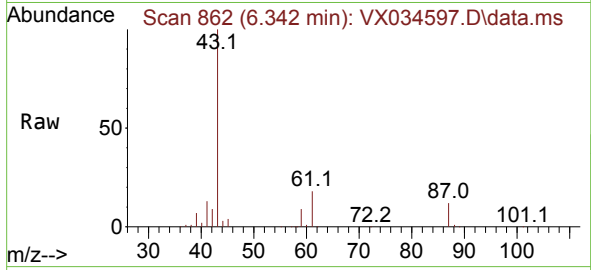




#43
Isopropyl Acetate
Concen: 34.541 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

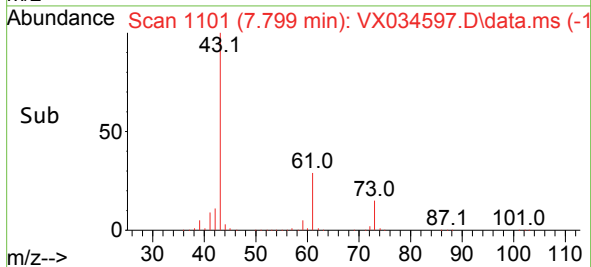
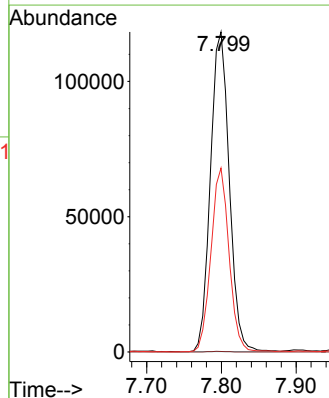
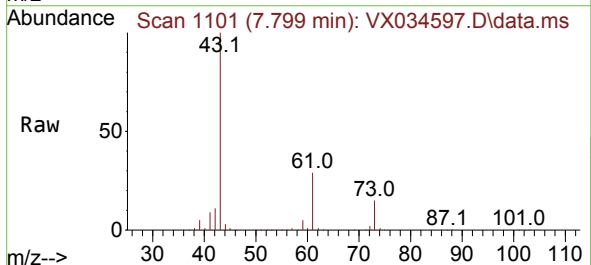
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

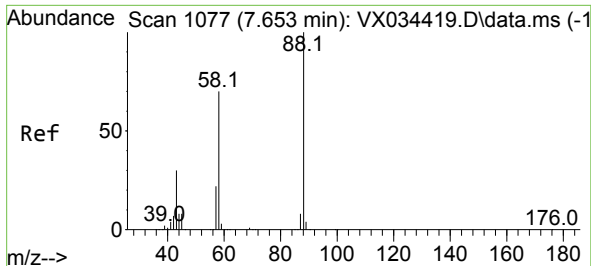
Tgt Ion:	43	Resp:	252551
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.8	14.8



#48
Methyl methacrylate
Concen: 58.735 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion:	41	Resp:	206540
Ion	Ratio	Lower	Upper
41	100		
69	0.2	62.2	93.4#
39	55.8	47.7	71.5





#49

1,4-Dioxane

Concen: 0.677 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.012 min

Lab File: VX034597.D

Acq: 17 Mar 2023 20:17

Instrument :

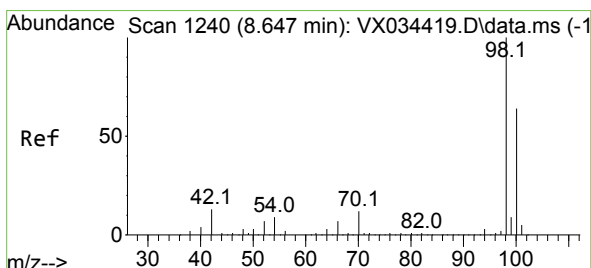
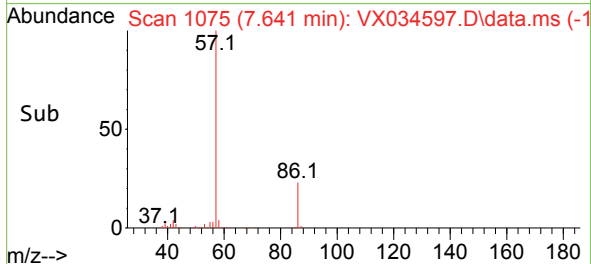
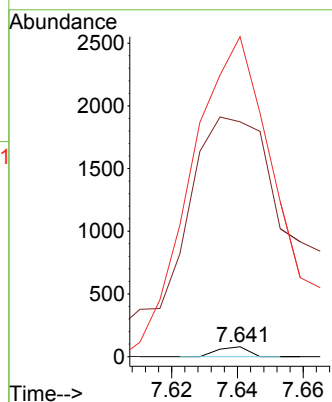
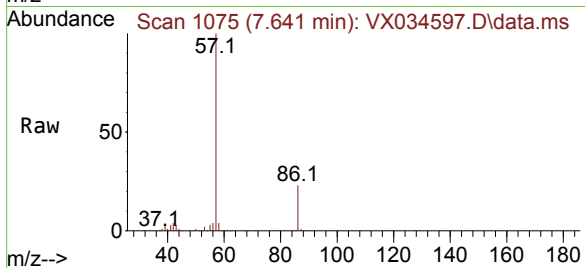
MSVOA_X

ClientSampleId :

CE-86B-031423

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5#
58	9482.0	56.8	85.2#



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 8.647 min Scan# 1240

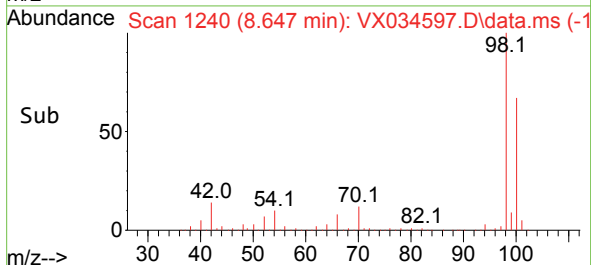
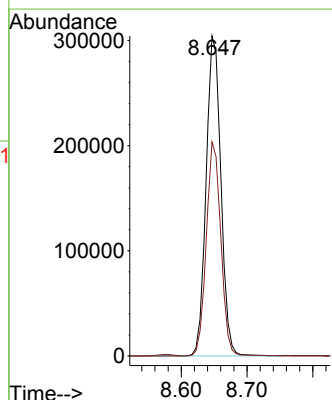
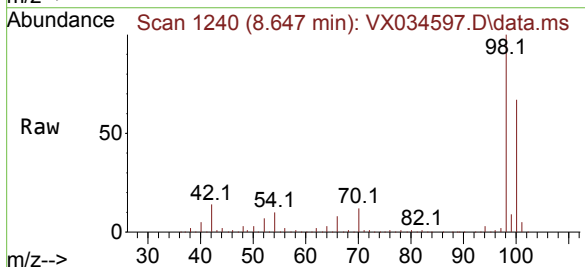
Delta R.T. -0.000 min

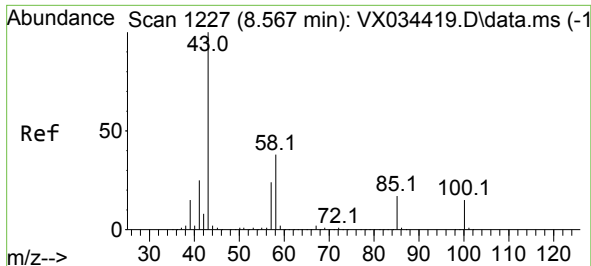
Lab File: VX034597.D

Acq: 17 Mar 2023 20:17

Tgt Ion: 98 Resp: 475890

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7

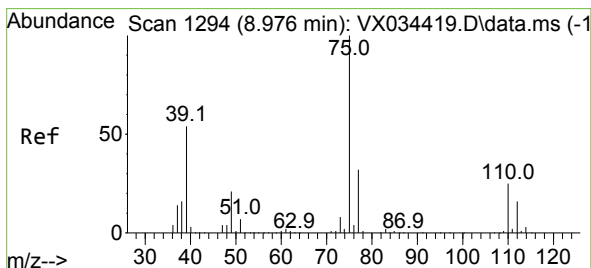
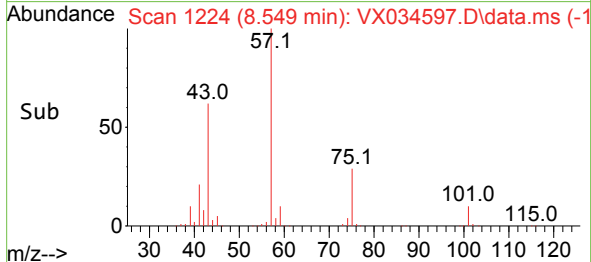
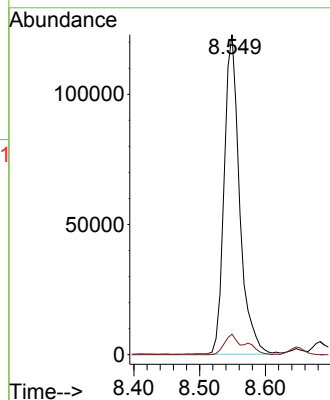
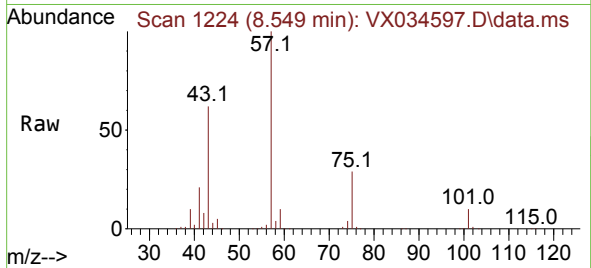




#51
4-Methyl-2-Pentanone
Concen: 47.301 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

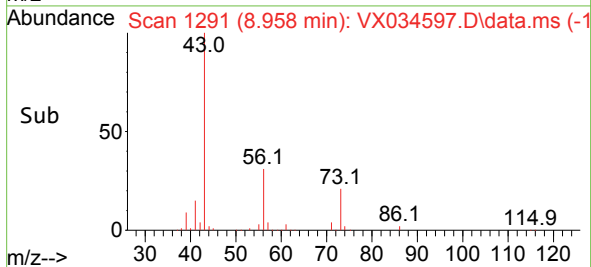
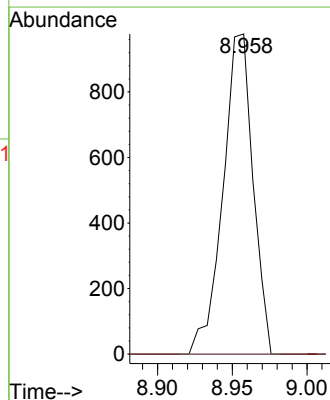
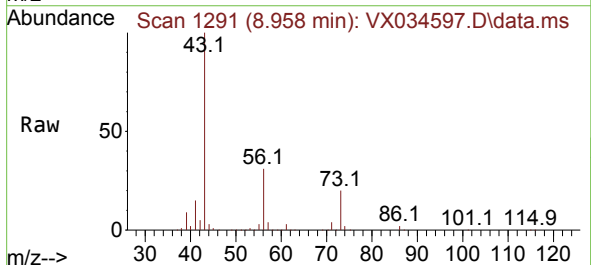
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

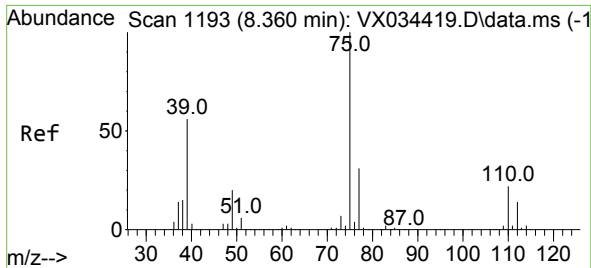
Tgt Ion: 43 Resp: 200628
Ion Ratio Lower Upper
43 100
58 8.4 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 0.305 ug/l
RT: 8.958 min Scan# 1291
Delta R.T. -0.018 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 75 Resp: 1365
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

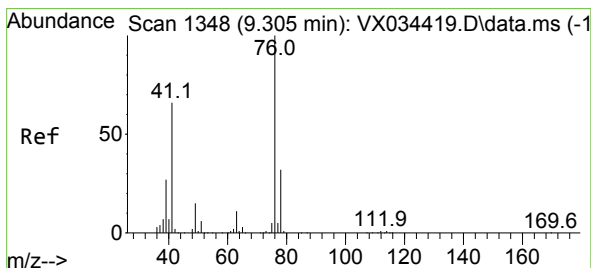
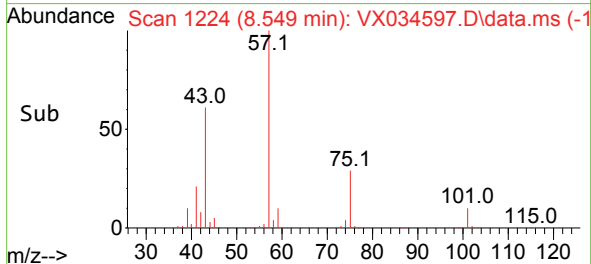
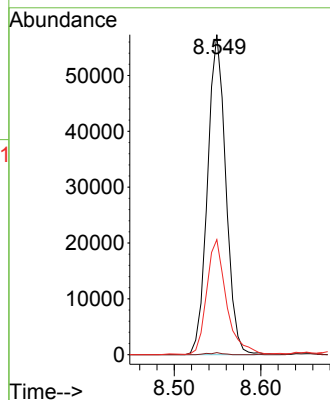
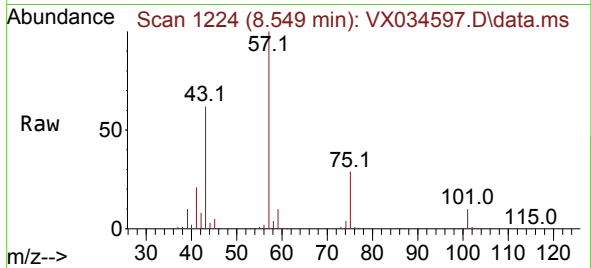




#54
 cis-1,3-Dichloropropene
 Concen: 17.391 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.189 min
 Lab File: VX034597.D
 Acq: 17 Mar 2023 20:17

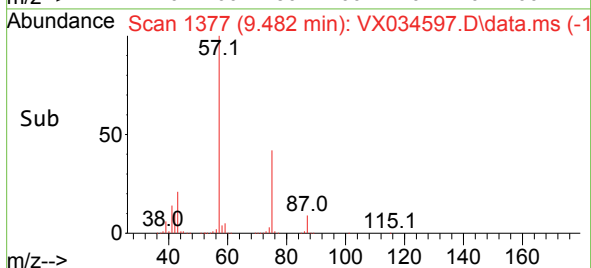
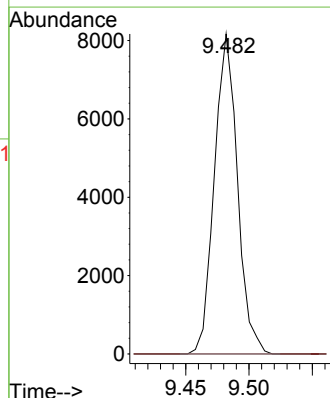
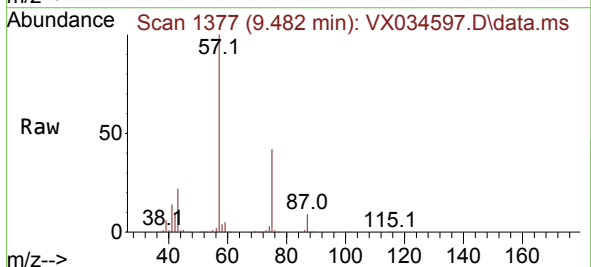
Instrument :
 MSVOA_X
 ClientSampleId :
 CE-86B-031423

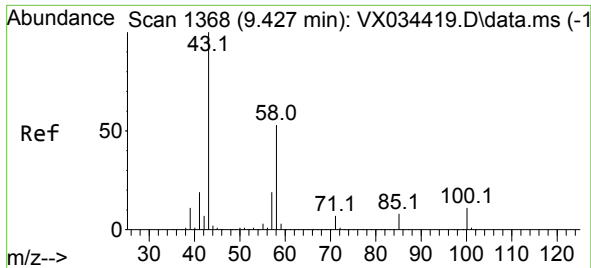
Tgt Ion: 75 Resp: 84166
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.4#
 39 35.8 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 2.051 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034597.D
 Acq: 17 Mar 2023 20:17

Tgt Ion: 76 Resp: 10352
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

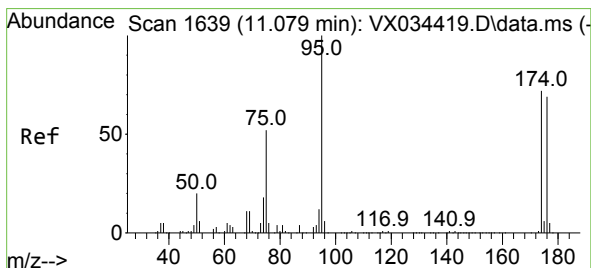
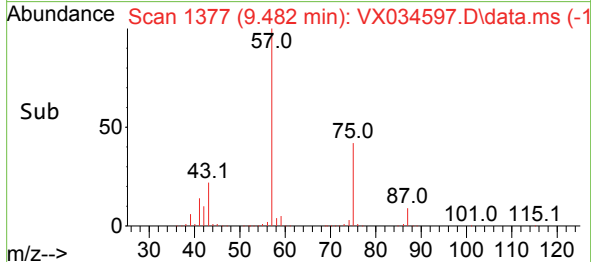
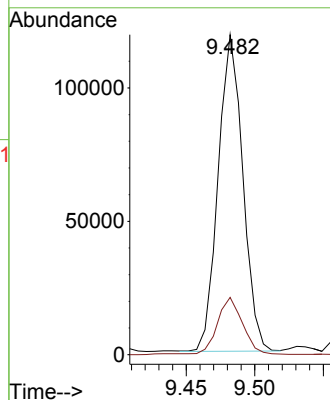
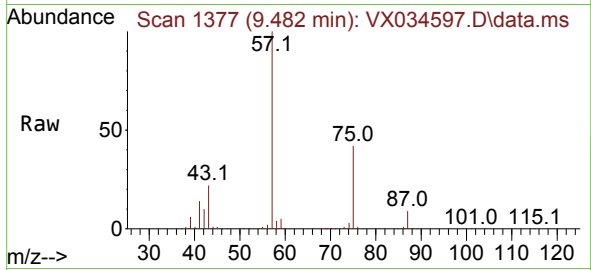




#59
2-Hexanone
Concen: 45.288 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

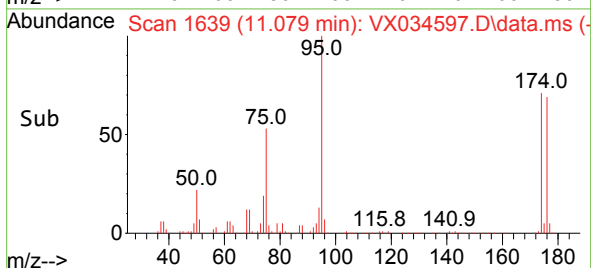
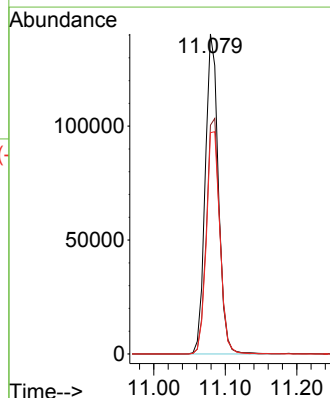
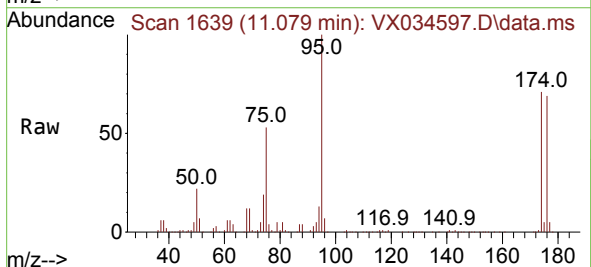
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

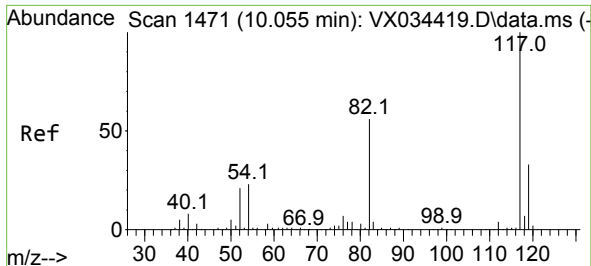
Tgt Ion: 43 Resp: 148488
Ion Ratio Lower Upper
43 100
58 18.6 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 46.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion: 95 Resp: 179280
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 72.0 0.0 140.6

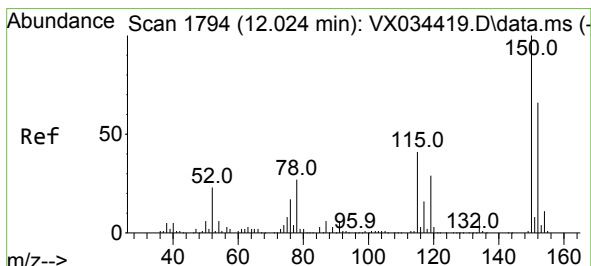
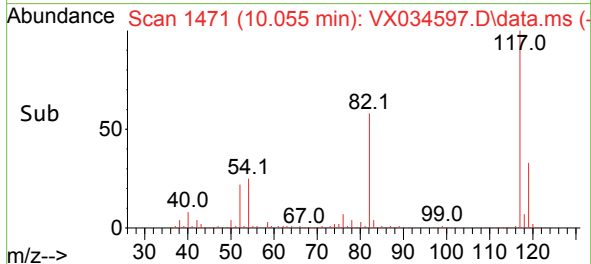
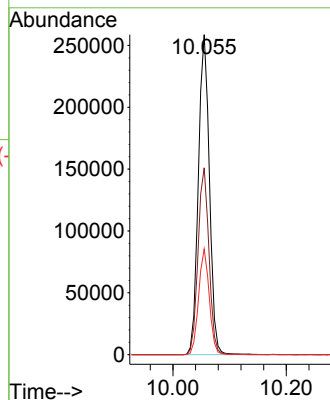
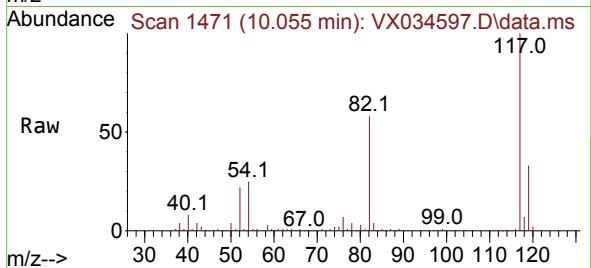




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

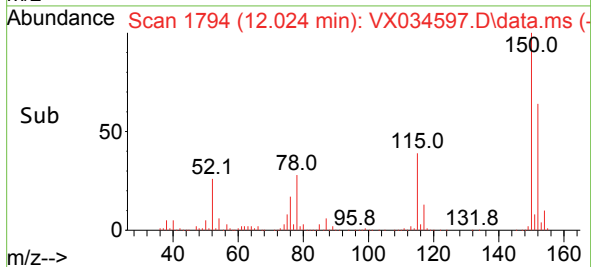
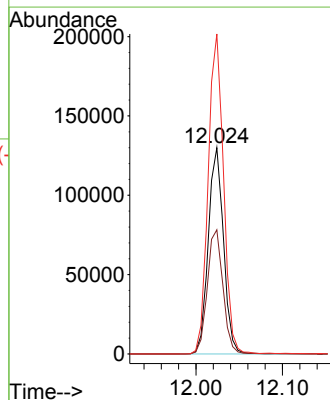
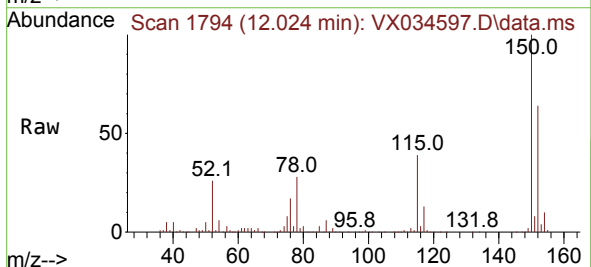
Instrument :
MSVOA_X
ClientSampleId :
CE-86B-031423

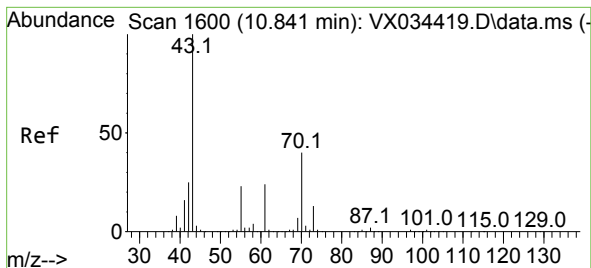
Tgt Ion:117 Resp: 349541
Ion Ratio Lower Upper
117 100
82 58.4 45.0 67.4
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034597.D
Acq: 17 Mar 2023 20:17

Tgt Ion:152 Resp: 158967
Ion Ratio Lower Upper
152 100
115 61.8 45.0 135.0
150 156.2 0.0 352.4





#74

N-amy1 acetate

Concen: 9.449 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

Lab File: VX034597.D

Acq: 17 Mar 2023 20:17

Instrument :

MSVOA_X

ClientSampleId :

CE-86B-031423

Tgt Ion: 43 Resp: 55602

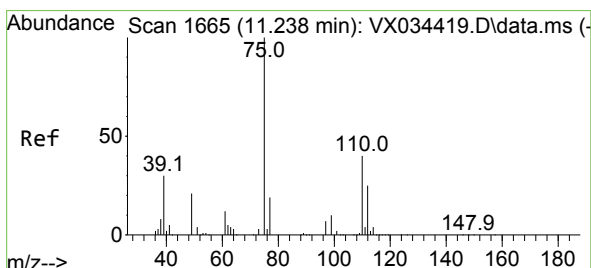
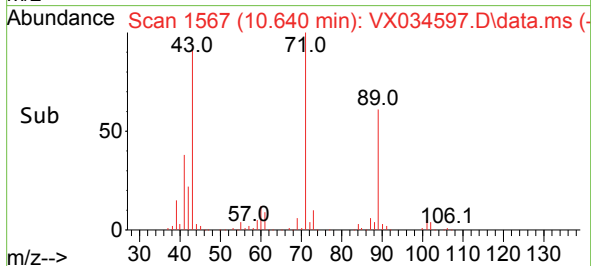
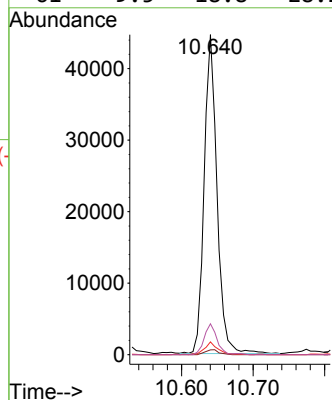
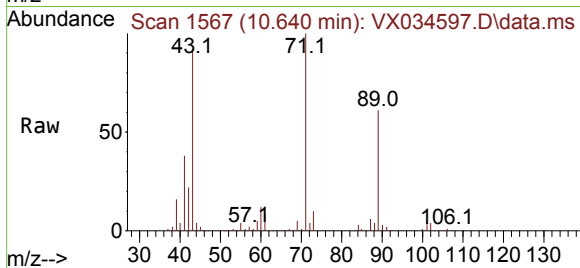
Ion Ratio Lower Upper

43 100

70 1.6 32.1 48.1#

55 4.2 18.3 27.5#

61 9.5 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.166 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034597.D

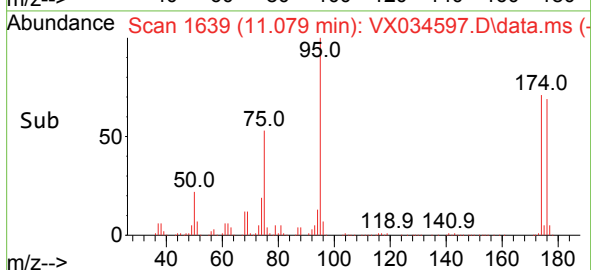
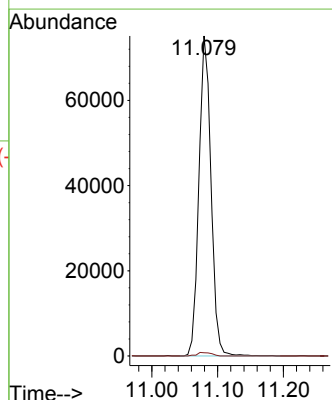
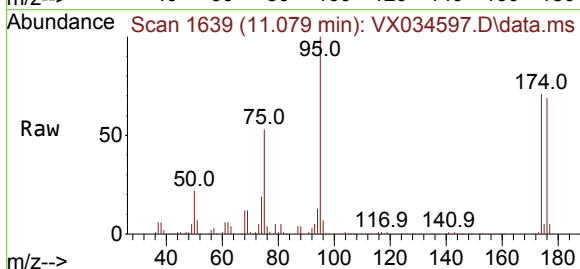
Acq: 17 Mar 2023 20:17

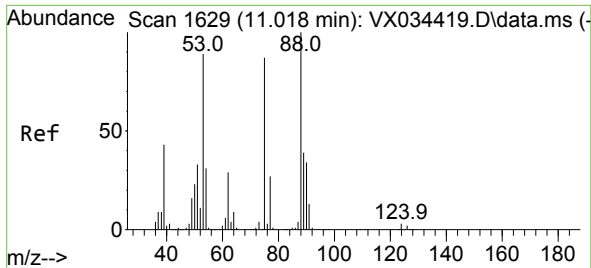
Tgt Ion: 75 Resp: 95507

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.786 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034597.D
 Acq: 17 Mar 2023 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 CE-86B-031423

Tgt Ion: 75 Resp: 95507
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

