

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070523\
 Data File : VX036400.D
 Acq On : 05 Jul 2023 13:45
 Operator : JC/MD
 Sample : PB153983ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#01

Quant Time: Jul 06 04:50:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

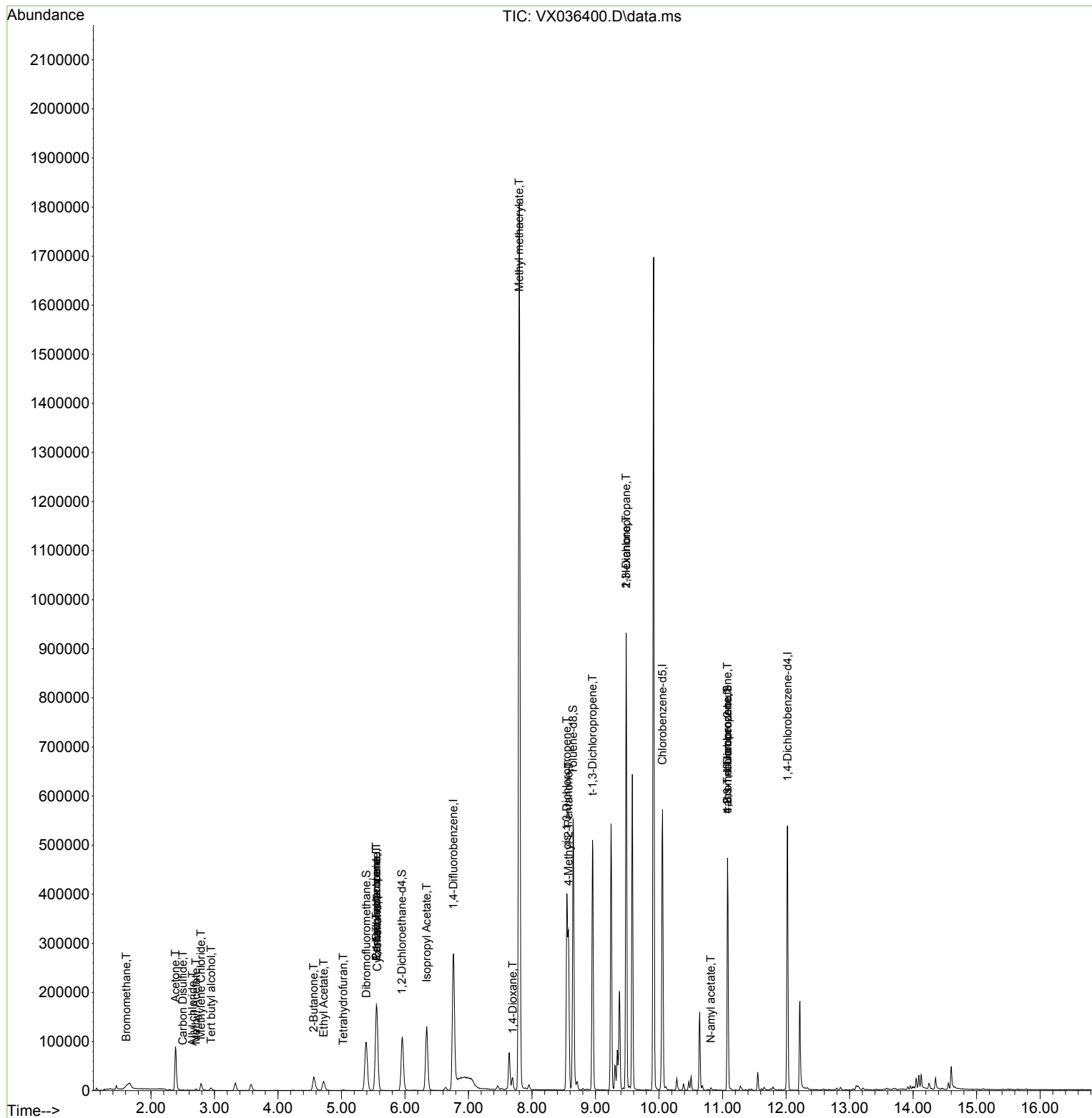
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	164246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	276209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102763	43.648	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	87.300%	
35) Dibromofluoromethane	5.391	113	87730	48.170	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.340%	
50) Toluene-d8	8.647	98	329223	48.399	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.800%	
62) 4-Bromofluorobenzene	11.079	95	121823	50.844	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	565	0.262	ug/l #	61
11) Tert butyl alcohol	2.947	59	3981	9.289	ug/l #	78
14) Allyl chloride	2.654	41	807	0.266	ug/l #	41
16) Acetone	2.386	43	100429	99.799	ug/l	92
17) Carbon Disulfide	2.501	76	1133	0.247	ug/l	98
18) Methyl Acetate	2.709	43	3597	0.869	ug/l	96
20) Methylene Chloride	2.788	84	7231	3.337	ug/l	90
25) 2-Butanone	4.562	43	43596	30.152	ug/l	95
29) Tetrahydrofuran	5.025	42	619	0.672	ug/l #	52
31) Cyclohexane	5.562	56	3384	1.122	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	12563	4.628	ug/l #	51
37) Ethyl Acetate	4.721	43	31791	11.490	ug/l	95
38) Carbon Tetrachloride	5.550	117	16562	6.680	ug/l #	14
43) Isopropyl Acetate	6.342	43	173051	39.205	ug/l	97
48) Methyl methacrylate	7.799	41	148216	67.345	ug/l #	49
49) 1,4-Dioxane	7.696	88	66	1.353	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	299785	105.416	ug/l #	80
53) t-1,3-Dichloropropene	8.952	75	1296	0.488	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	61027	20.327	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	7406	2.163	ug/l #	42
59) 2-Hexanone	9.482	43	104438	50.290	ug/l #	53
74) N-amyl acetate	10.817	43	1631	0.471	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	64017	25.818	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	64017	84.161	ug/l #	5

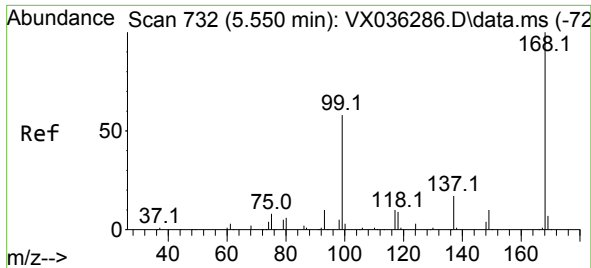
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB153983ZHE#01
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Instrument :
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ClientSampleId :
PB153983ZHE#01

Quant Time: Jul 06 04:50:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

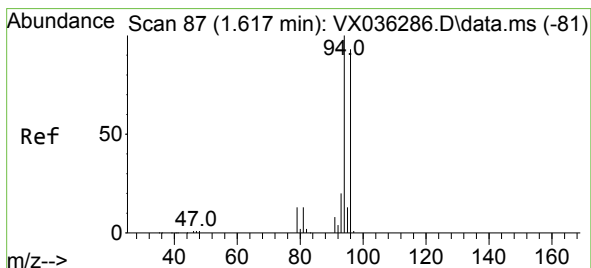
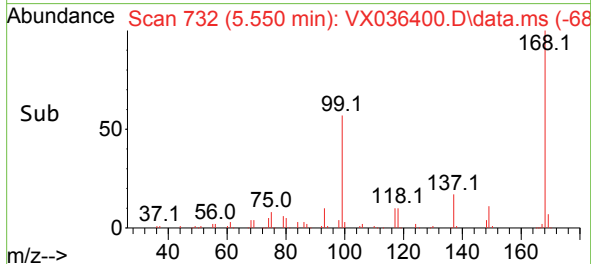
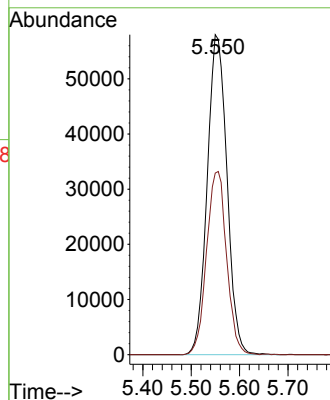
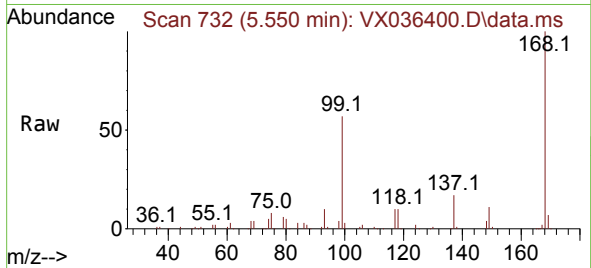




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

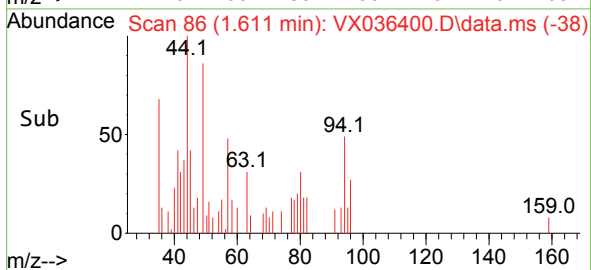
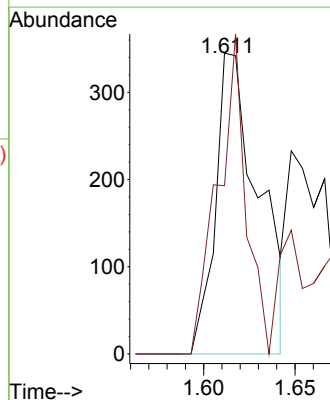
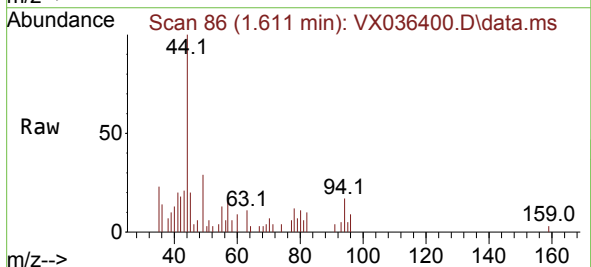
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

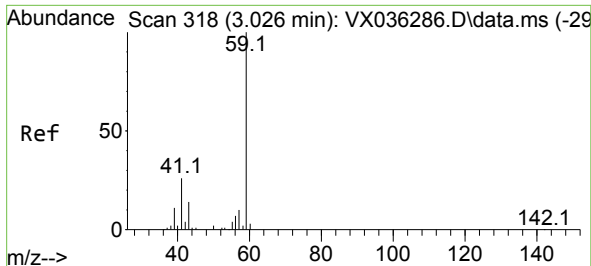
Tgt Ion:168 Resp: 164246
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 55.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: 9.289 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.066 min

Lab File: VX036400.D

Acq: 05 Jul 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

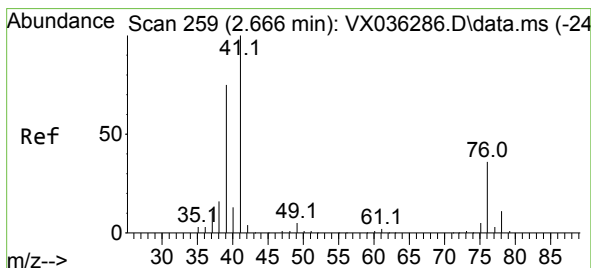
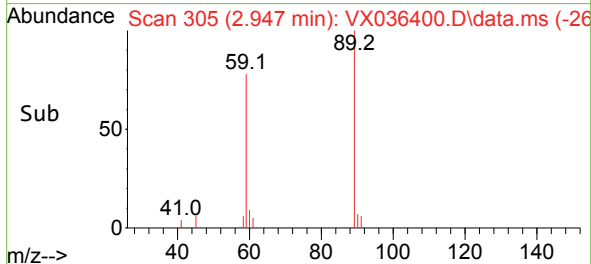
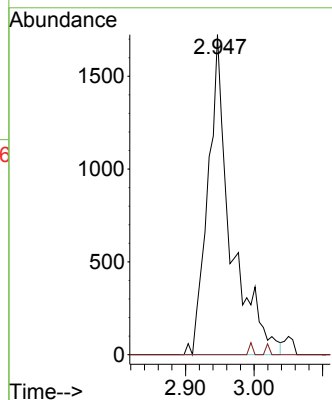
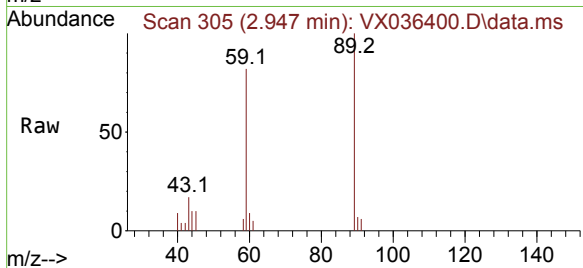
PB153983ZHE#01

Tgt Ion: 59 Resp: 3981

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.266 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.012 min

Lab File: VX036400.D

Acq: 05 Jul 2023 13:45

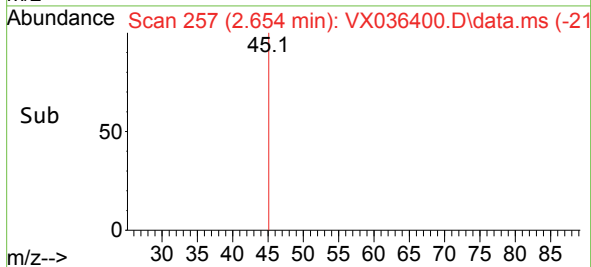
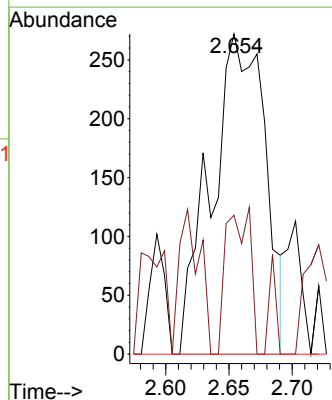
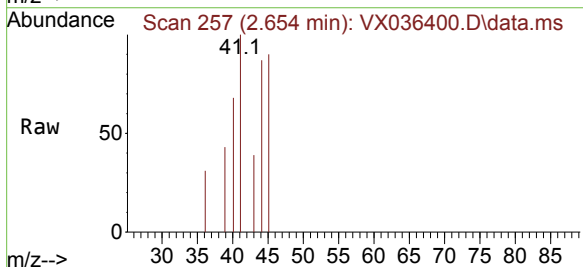
Tgt Ion: 41 Resp: 807

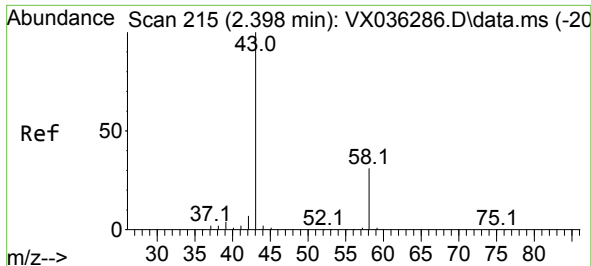
Ion Ratio Lower Upper

41 100

39 20.3 55.8 83.6#

76 0.0 24.3 36.5#

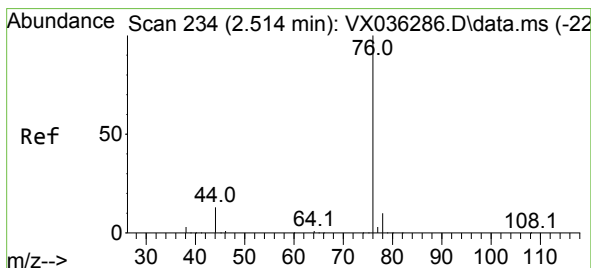
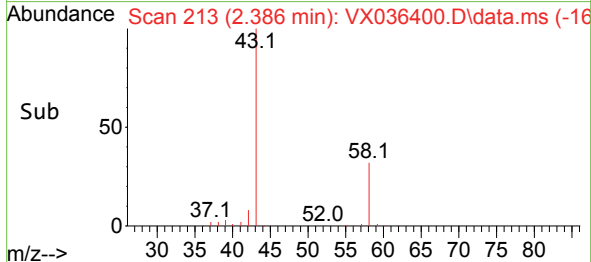
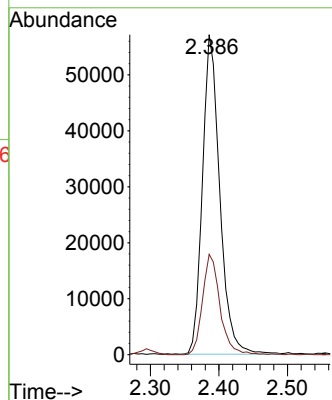
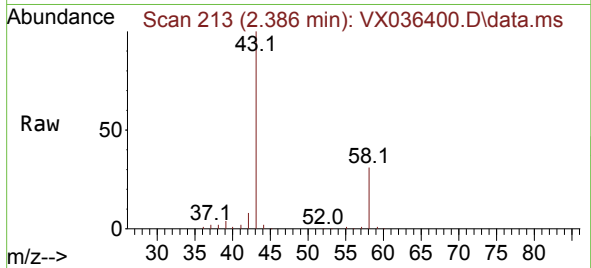




#16
Acetone
Concen: 99.799 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

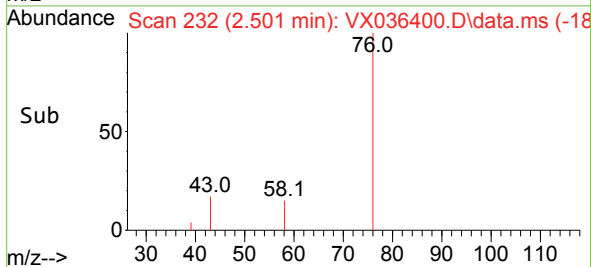
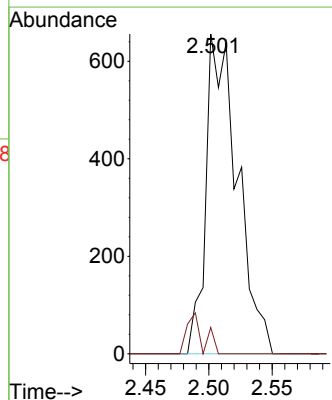
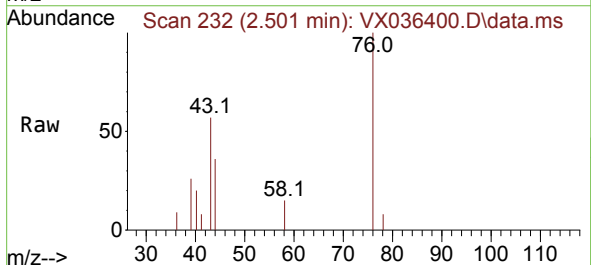
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

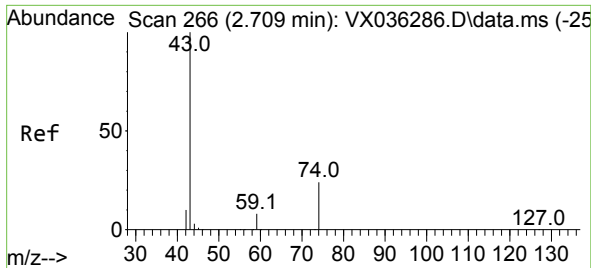
Tgt Ion: 43 Resp: 100429
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.012 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 76 Resp: 1133
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

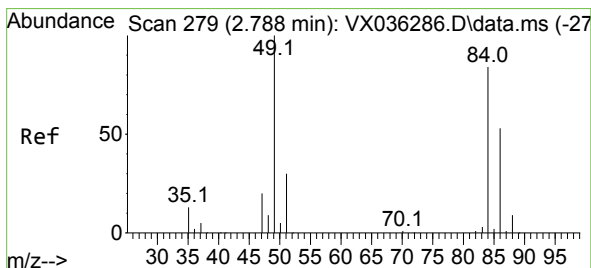
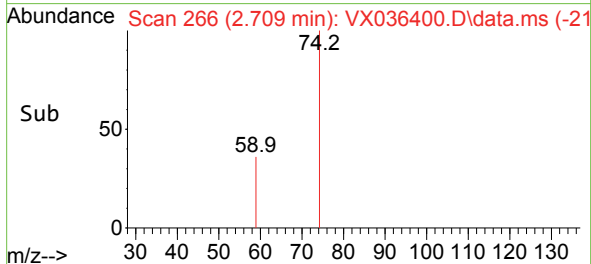
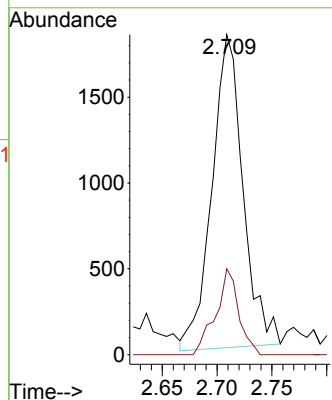
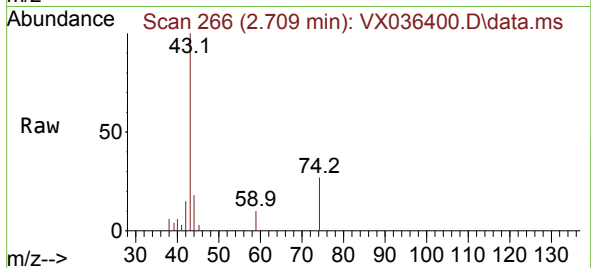




#18
Methyl Acetate
Concen: 0.869 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

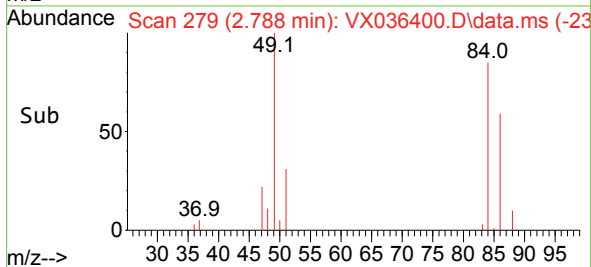
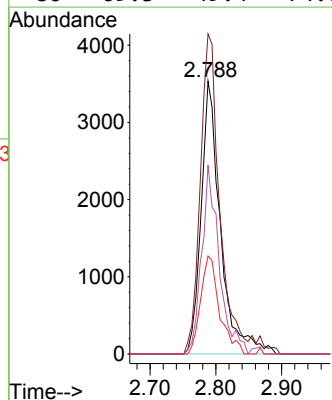
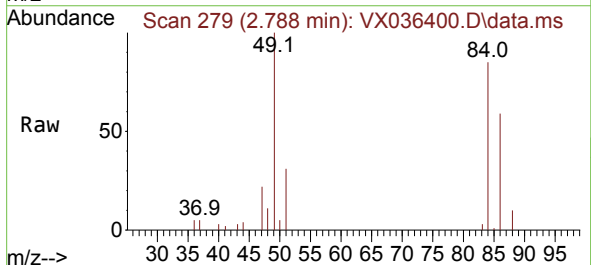
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

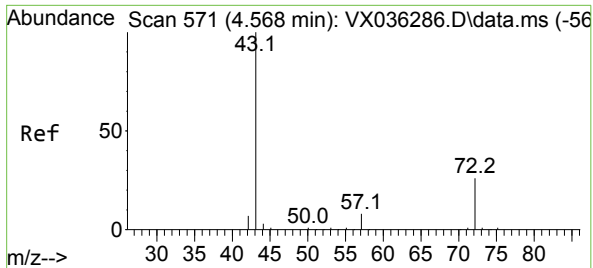
Tgt Ion: 43 Resp: 3597
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.8



#20
Methylene Chloride
Concen: 3.337 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 84 Resp: 7231
Ion Ratio Lower Upper
84 100
49 117.4 103.6 155.4
51 35.9 33.8 50.6
86 69.3 49.4 74.0

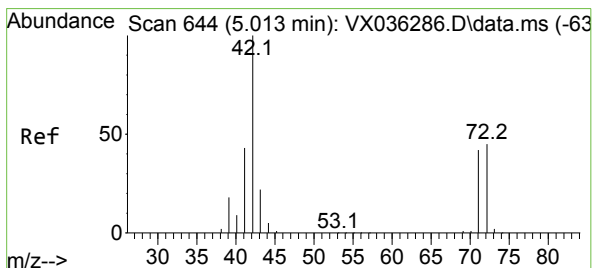
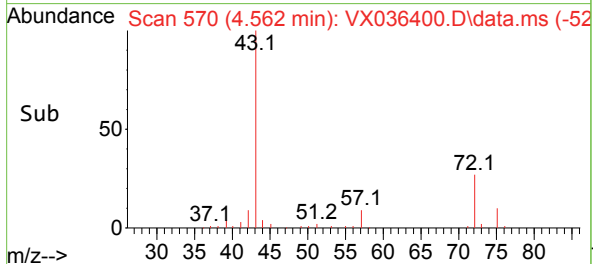
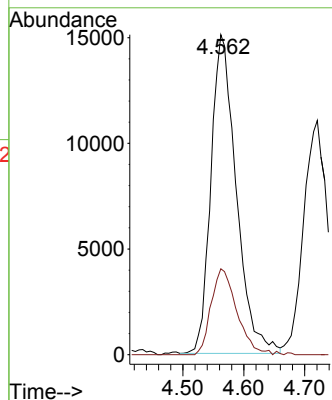
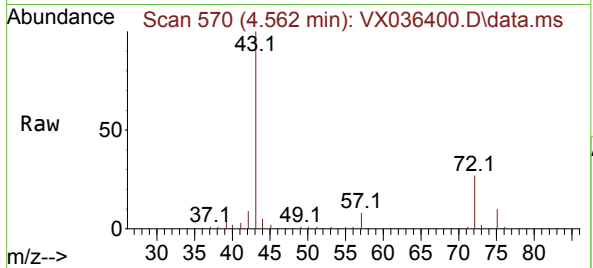




#25
2-Butanone
Concen: 30.152 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

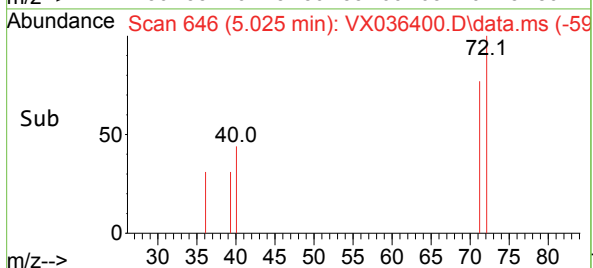
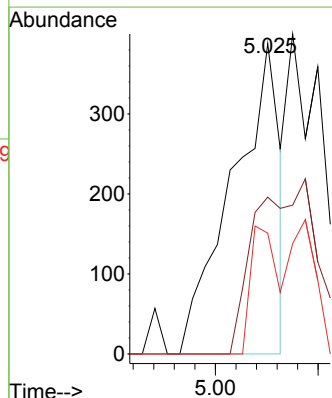
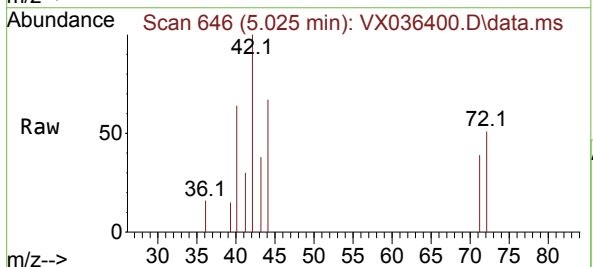
Instrument :
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ClientSampleId :
PB153983ZHE#01

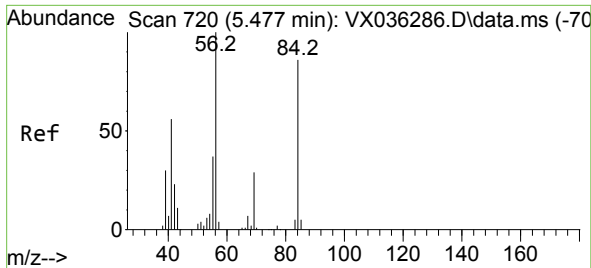
Tgt Ion: 43 Resp: 43596
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.672 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

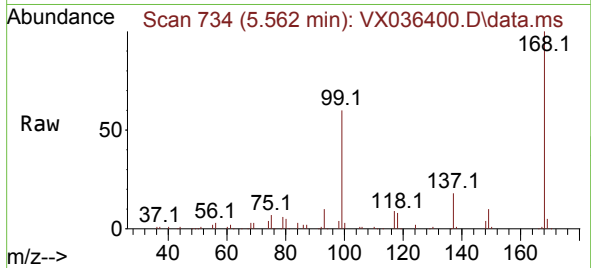
Tgt Ion: 42 Resp: 619
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 22.9 32.2 48.2#



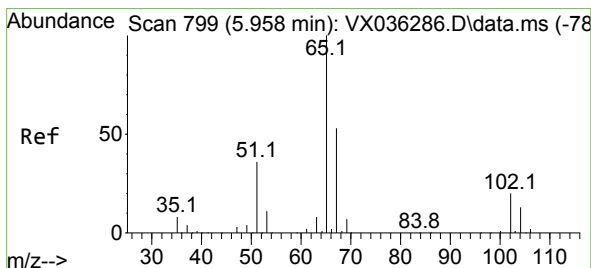
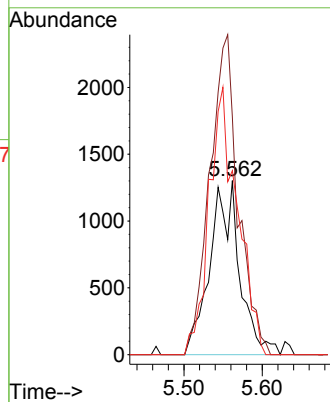
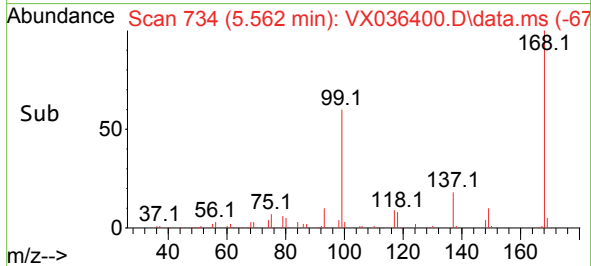


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.092 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

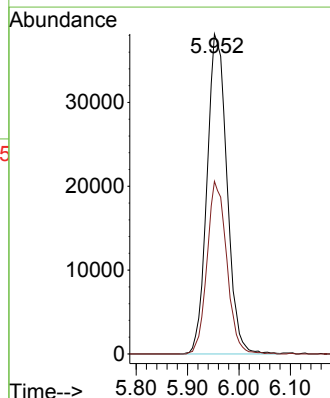
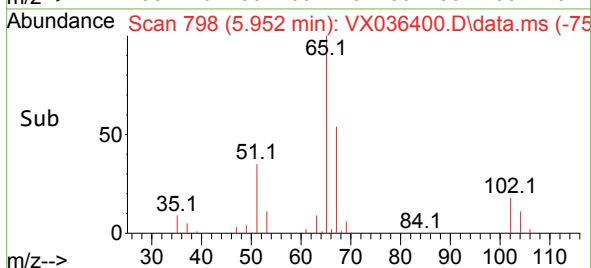
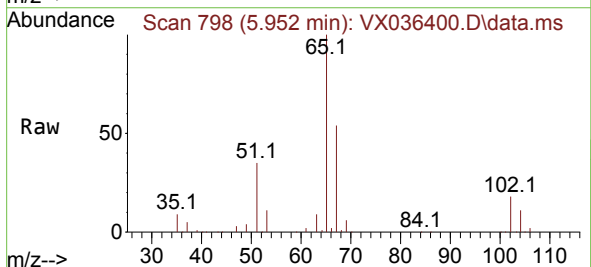


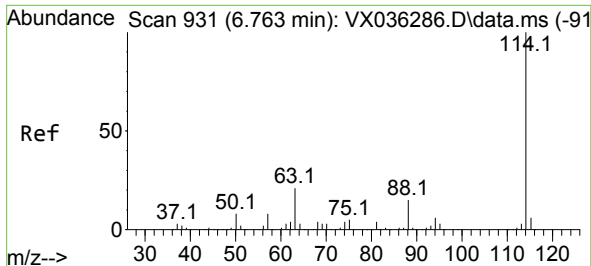
Tgt Ion: 56 Resp: 3384
Ion Ratio Lower Upper
56 100
69 136.5 23.4 35.2#
84 105.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.648 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 65 Resp: 102763
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

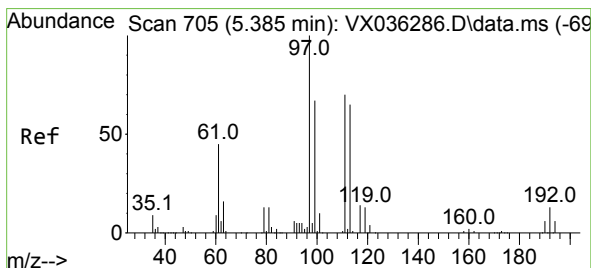
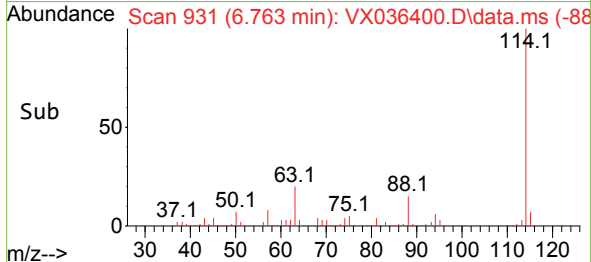
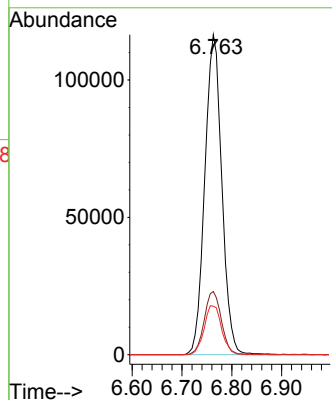
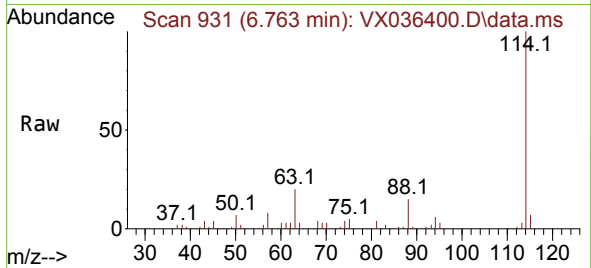




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

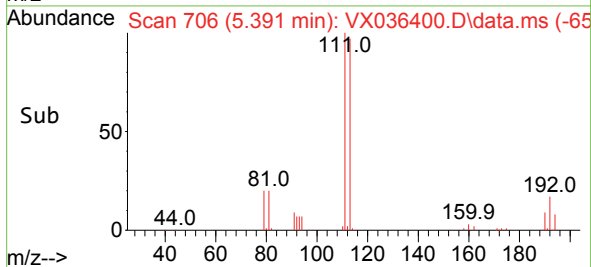
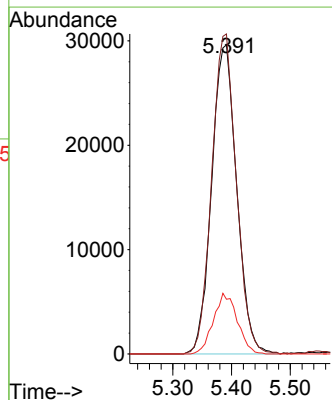
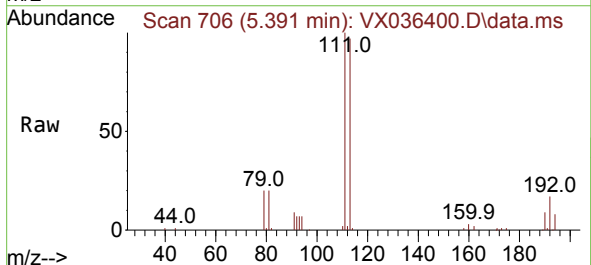
Instrument :
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PB153983ZHE#01

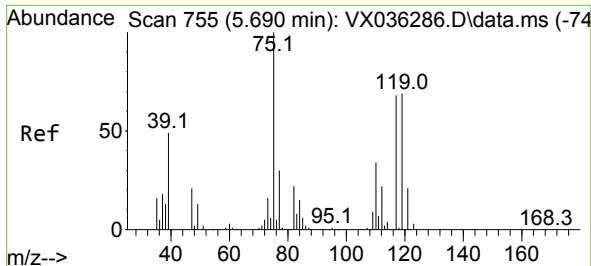
Tgt Ion:114 Resp: 276209
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion:113 Resp: 87730
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.7 13.3 19.9

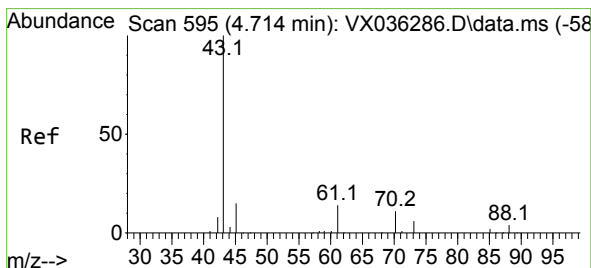
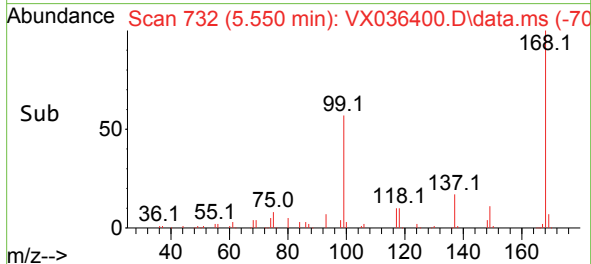
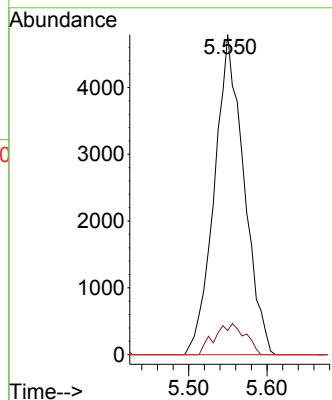
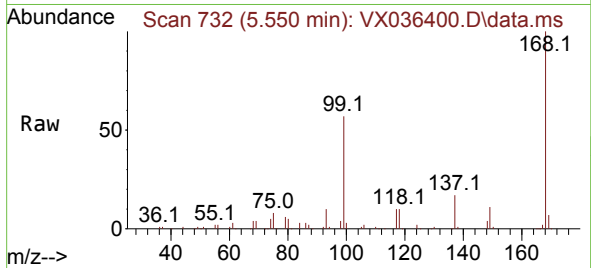




#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

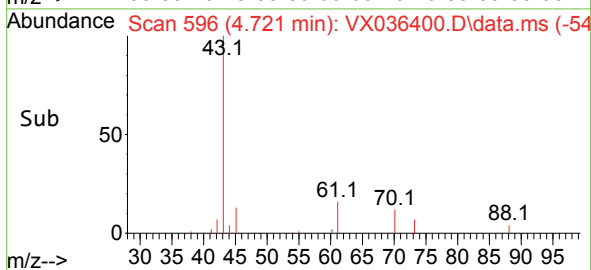
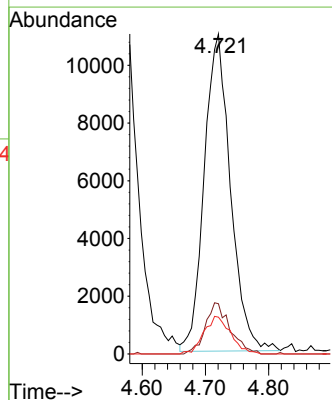
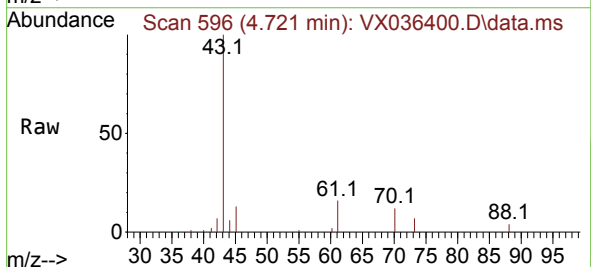
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

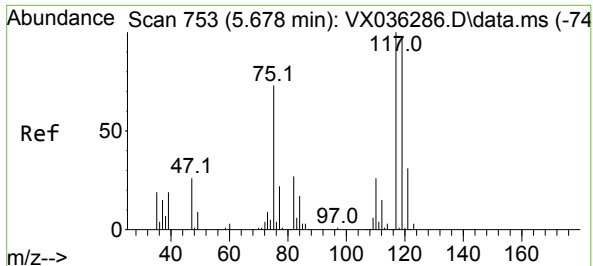
Tgt Ion: 75 Resp: 12563
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 11.490 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

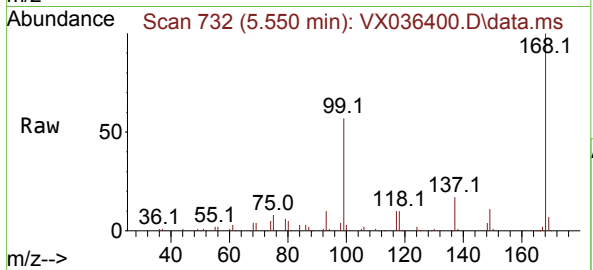
Tgt Ion: 43 Resp: 31791
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 12.0 8.3 12.5



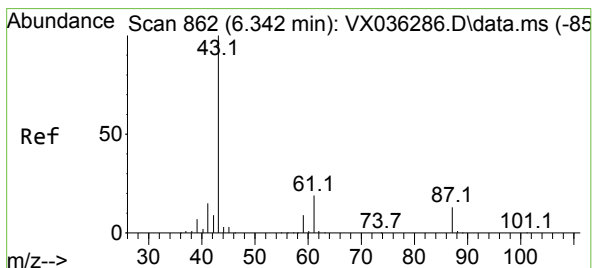
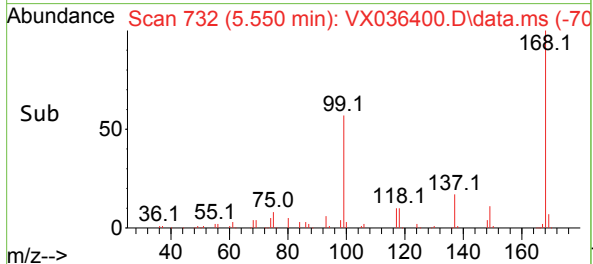
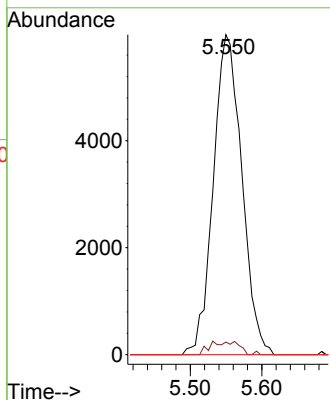


#38
Carbon Tetrachloride
Concen: 6.680 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

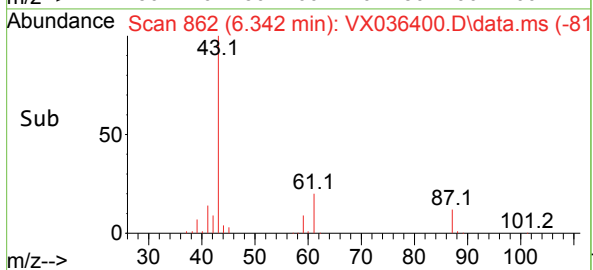
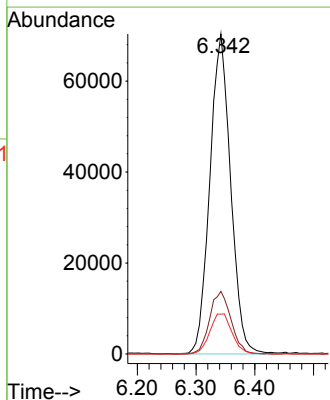
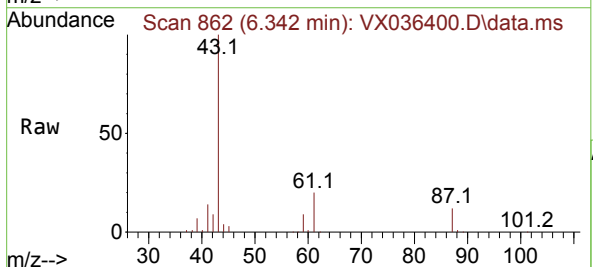


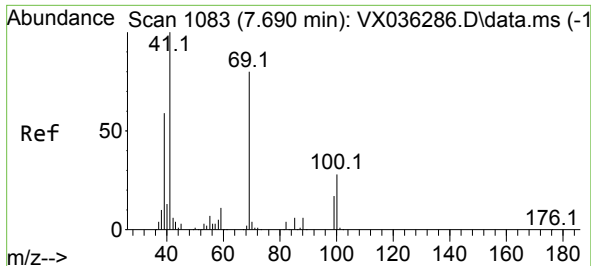
Tgt Ion:117 Resp: 16562
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 39.205 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 43 Resp: 173051
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.4 9.8 14.6

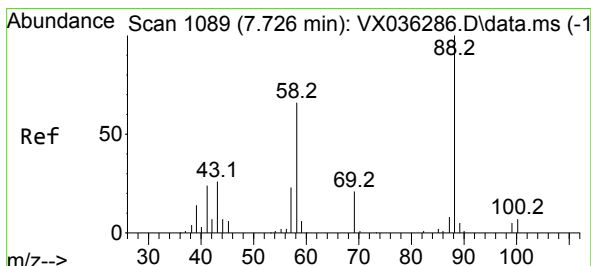
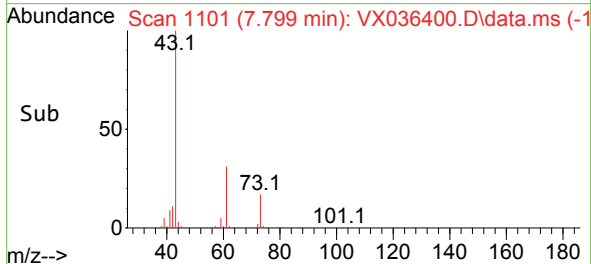
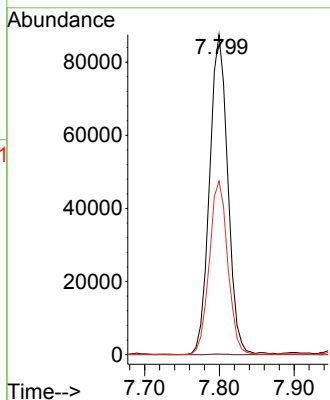
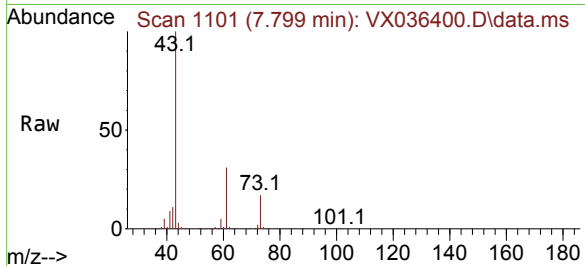




#48
Methyl methacrylate
Concen: 67.345 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

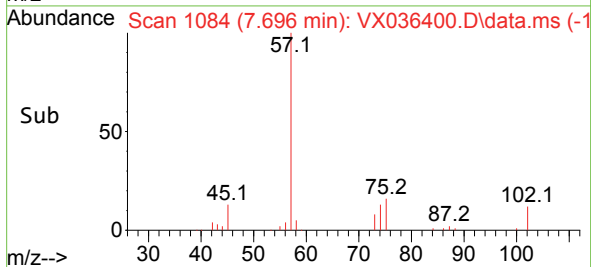
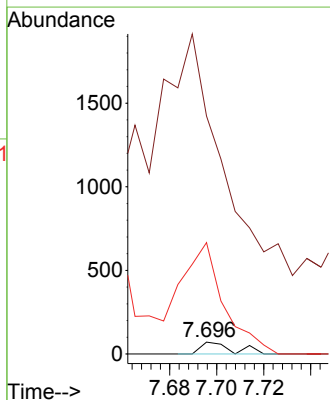
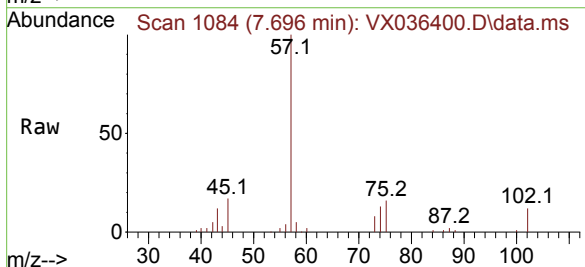
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

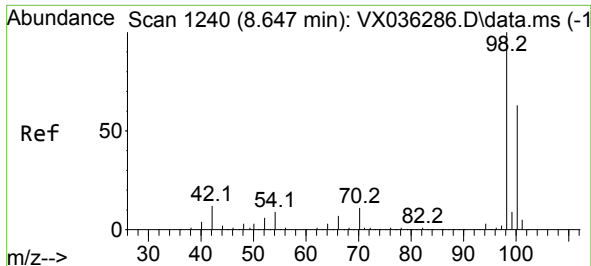
Tgt Ion: 41 Resp: 148216
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 55.0 47.7 71.5



#49
1,4-Dioxane
Concen: 1.353 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.036 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 1263.6 60.1 90.1#

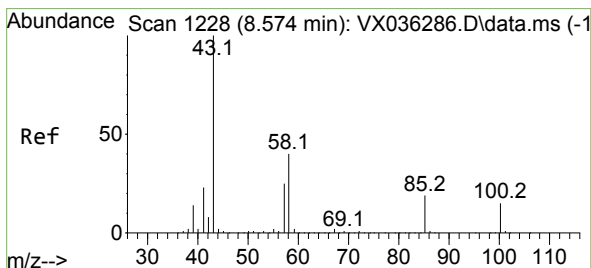
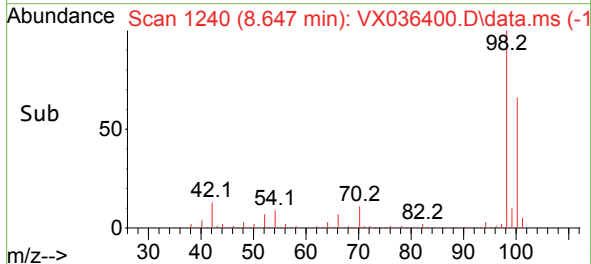
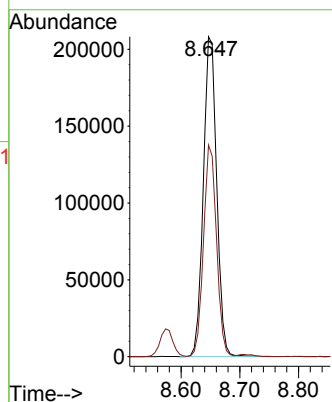
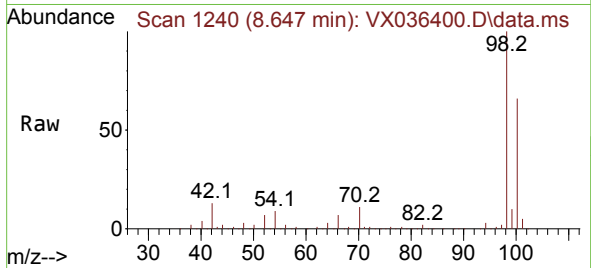




#50
Toluene-d8
Concen: 48.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

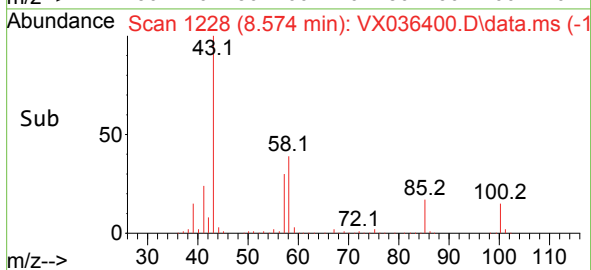
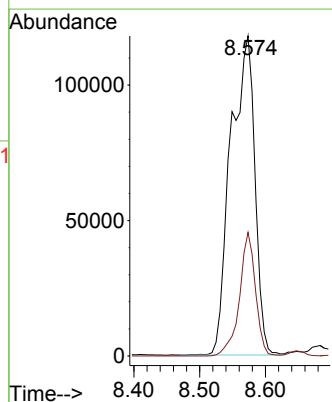
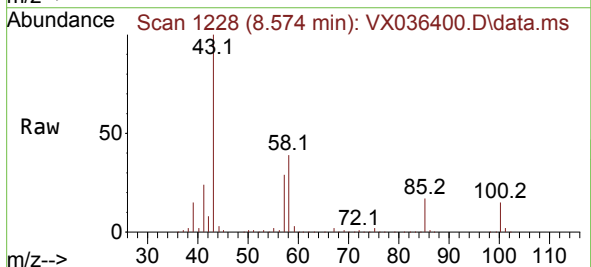
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

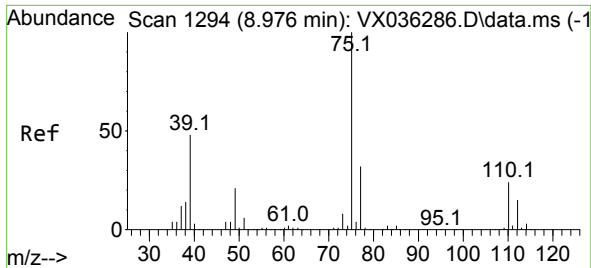
Tgt Ion: 98 Resp: 329223
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 105.416 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 43 Resp: 299785
Ion Ratio Lower Upper
43 100
58 25.8 30.4 45.6

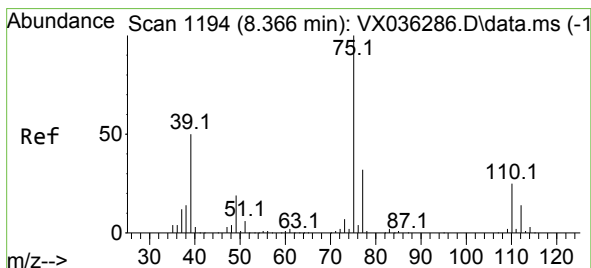
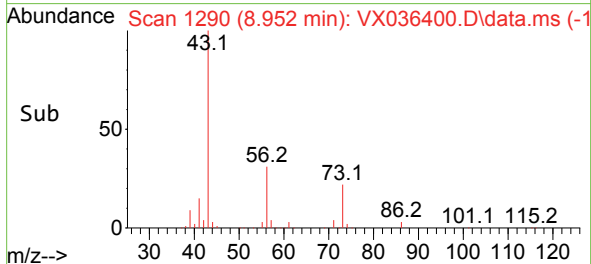
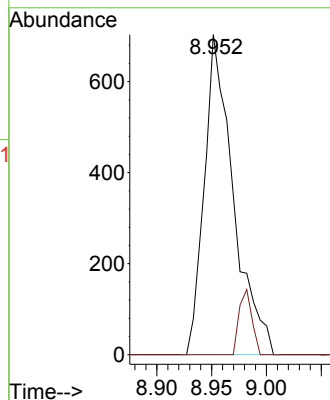
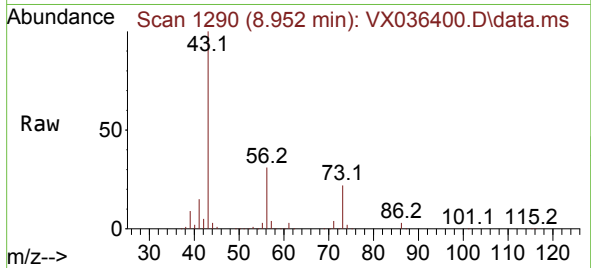




#53
 t-1,3-Dichloropropene
 Concen: 0.488 ug/l
 RT: 8.952 min Scan# 1296
 Delta R.T. -0.024 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

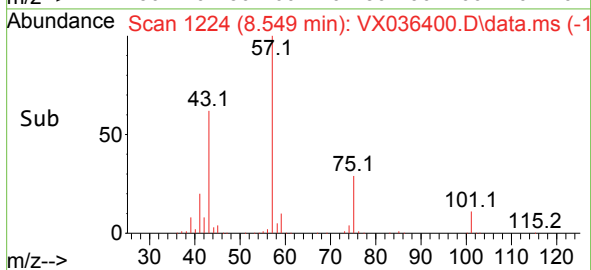
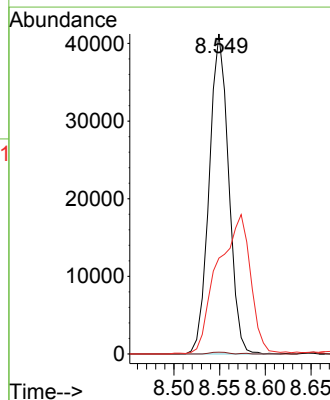
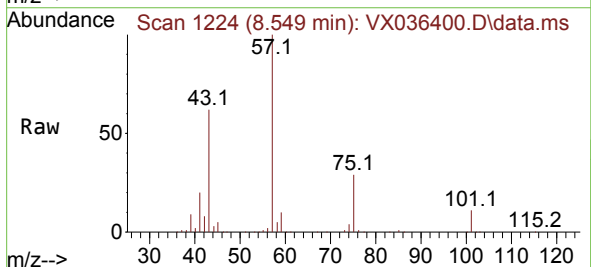
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#01

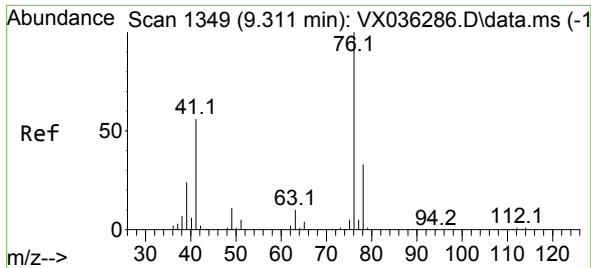
Tgt Ion: 75 Resp: 1296
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 20.327 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

Tgt Ion: 75 Resp: 61027
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 29.7 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 2.163 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036400.D

Acq: 05 Jul 2023 13:45

Instrument :

MSVOA_X

ClientSampleId :

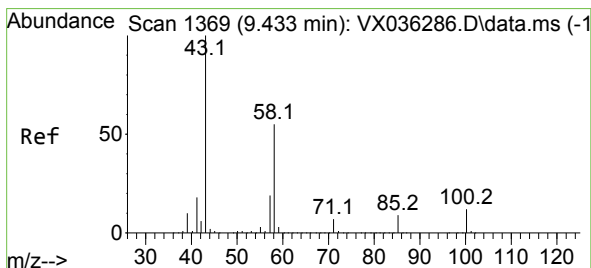
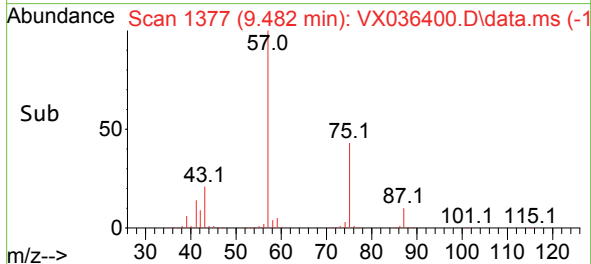
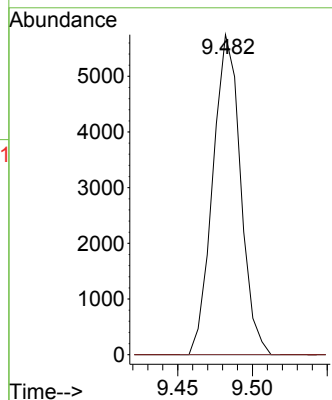
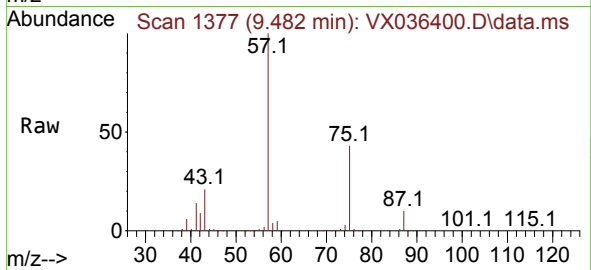
PB153983ZHE#01

Tgt Ion: 76 Resp: 7406

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 50.290 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036400.D

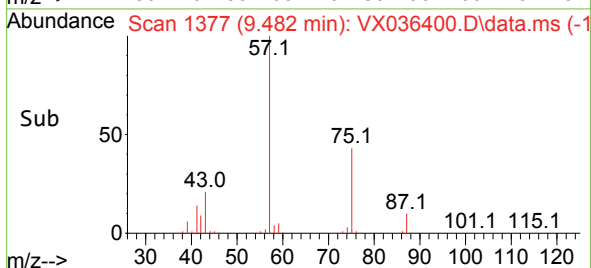
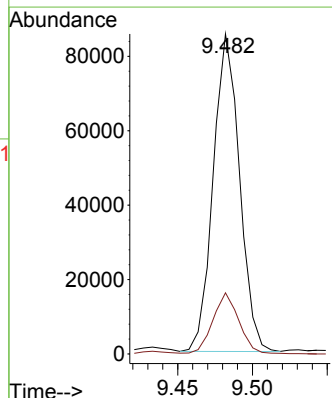
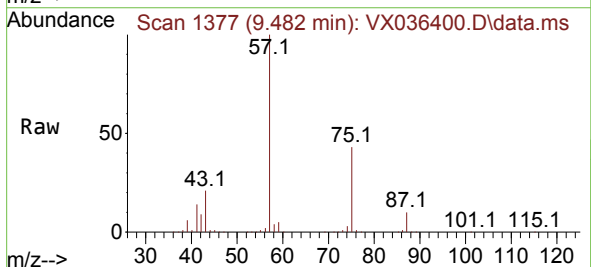
Acq: 05 Jul 2023 13:45

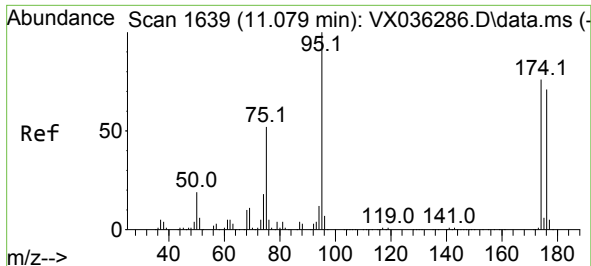
Tgt Ion: 43 Resp: 104438

Ion Ratio Lower Upper

43 100

58 19.2 26.2 78.5#

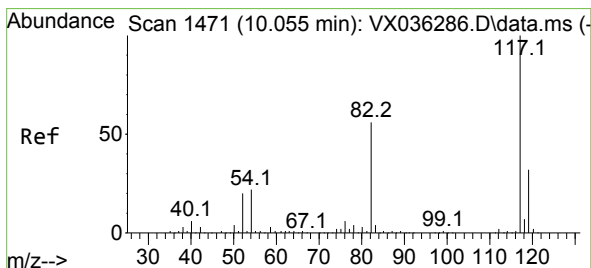
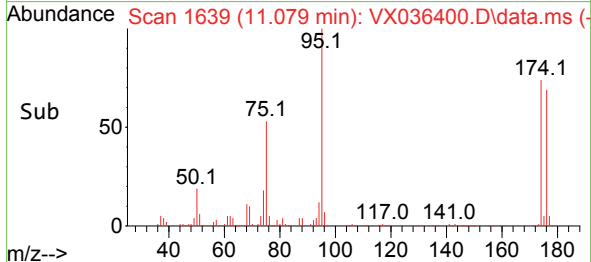
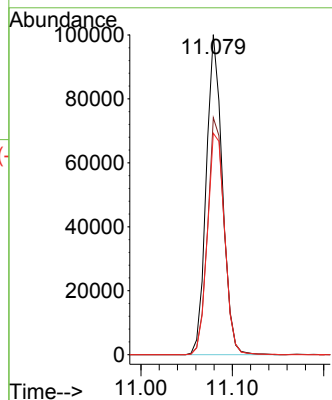
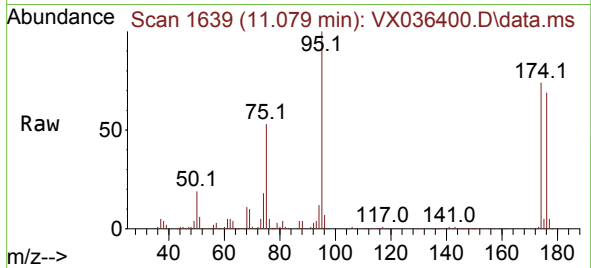




#62
4-Bromofluorobenzene
Concen: 50.844 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

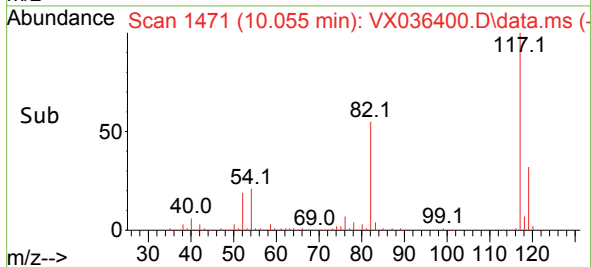
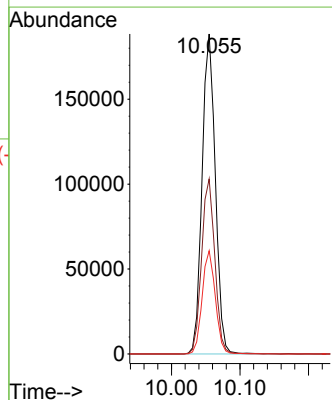
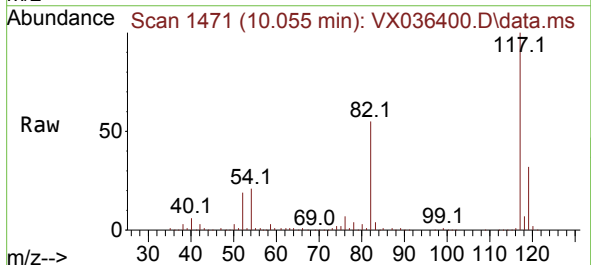
Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

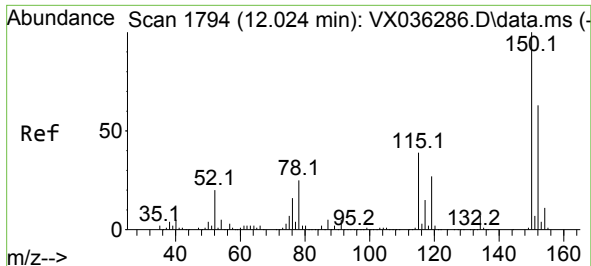
Tgt Ion: 95 Resp: 121823
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 74.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 117 Resp: 254006
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.2 25.5 38.3

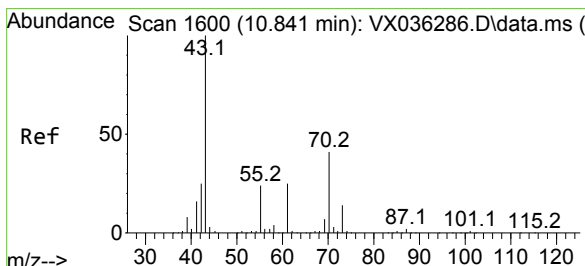
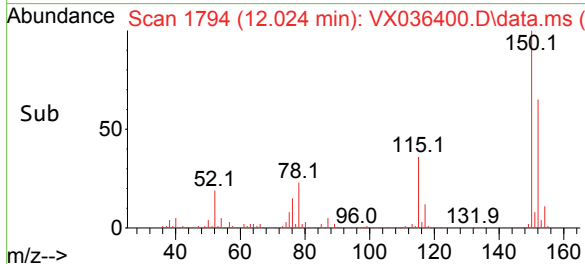
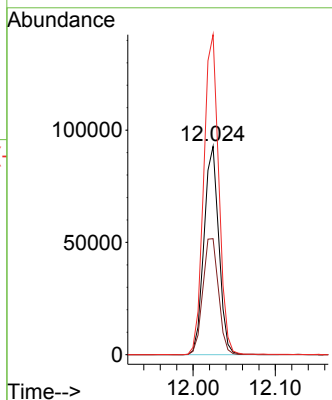
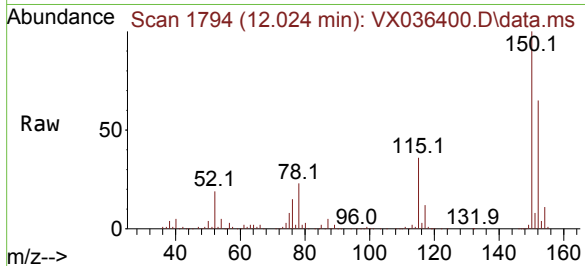




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

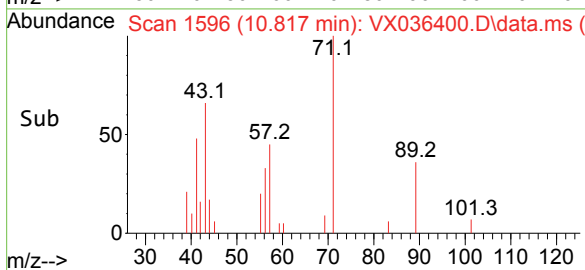
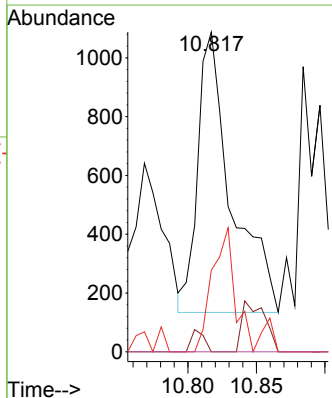
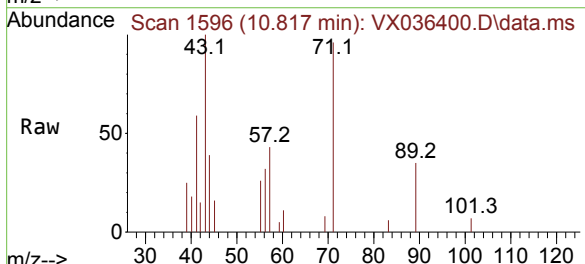
Instrument :
 MSVOA_X
 ClientSampleId :
 PB153983ZHE#01

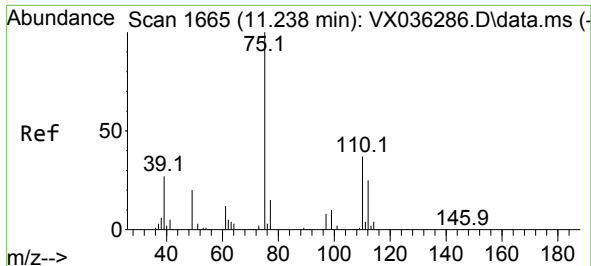
Tgt Ion:152 Resp: 116244
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.3 129.9
 150 156.2 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.471 ug/l
 RT: 10.817 min Scan# 1596
 Delta R.T. -0.024 min
 Lab File: VX036400.D
 Acq: 05 Jul 2023 13:45

Tgt Ion: 43 Resp: 1631
 Ion Ratio Lower Upper
 43 100
 70 2.9 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#

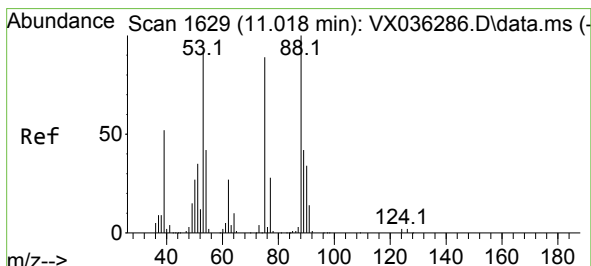
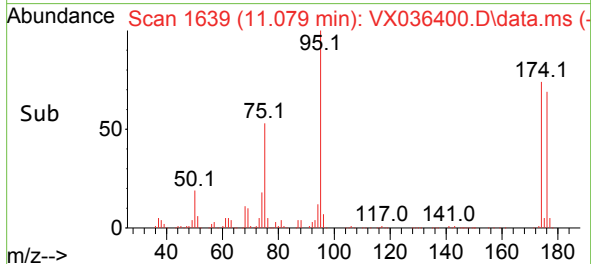
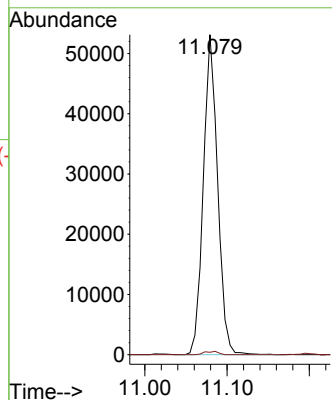
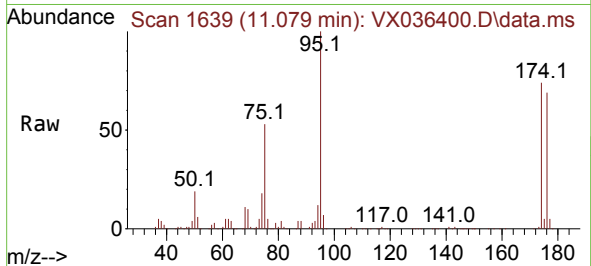




#76
1,2,3-Trichloropropane
Concen: 25.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB153983ZHE#01

Tgt Ion: 75 Resp: 64017
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036400.D
Acq: 05 Jul 2023 13:45

Tgt Ion: 75 Resp: 64017
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

