

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036127.D
 Acq On : 12 Jun 2023 16:49
 Operator : JC/MD
 Sample : PB153331ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#07

Quant Time: Jun 13 04:51:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

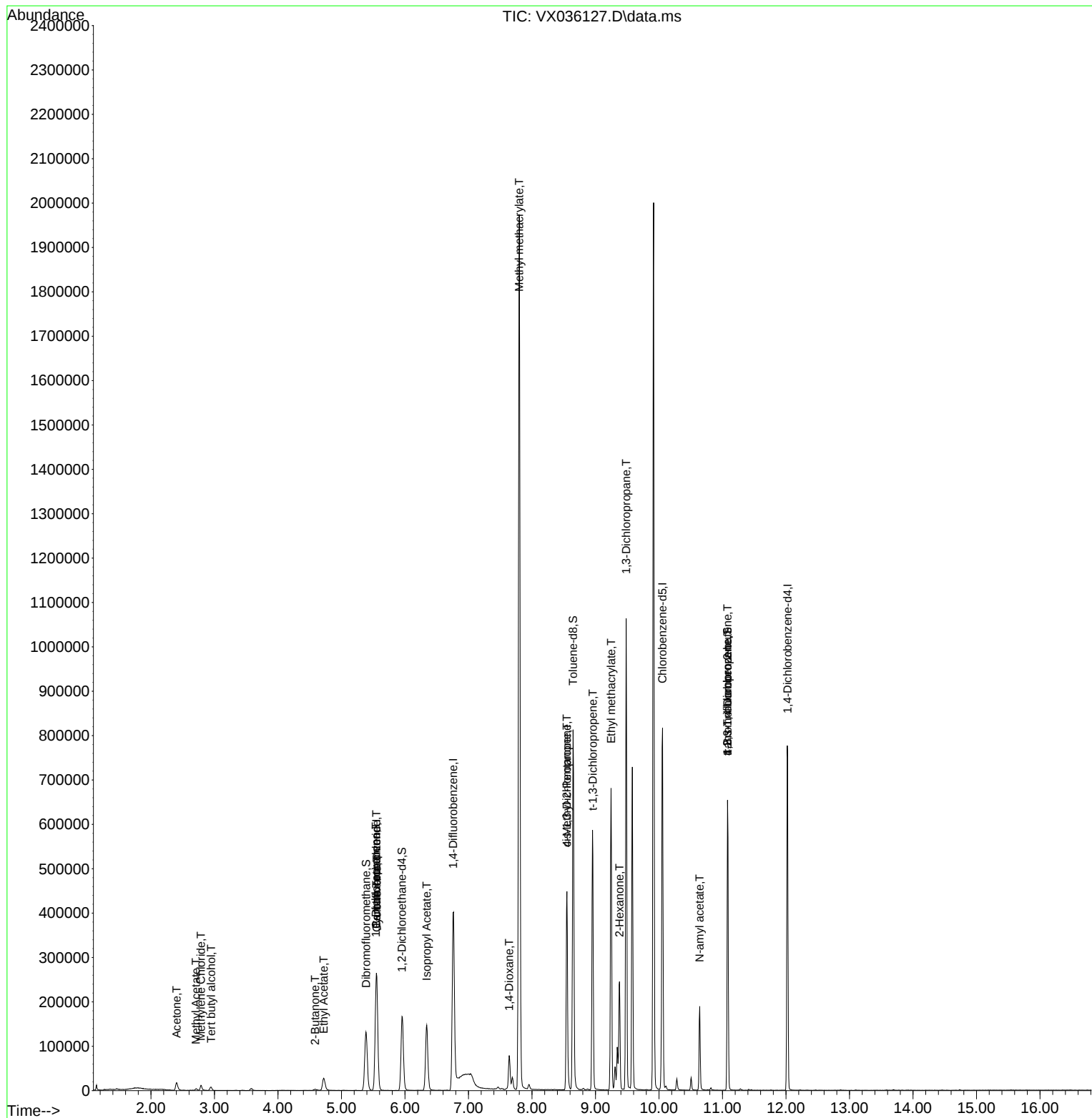
Internal Standards						
1) Pentafluorobenzene	5.550	168	224248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	372004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171119	46.992	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.385	113	115920	46.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	446432	49.715	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.079	95	172468	48.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	4853	7.504	ug/l #	78
16) Acetone	2.404	43	26517	17.651	ug/l	96
18) Methyl Acetate	2.709	43	5201	0.891	ug/l	99
20) Methylene Chloride	2.788	84	5290	1.828	ug/l	96
25) 2-Butanone	4.587	43	1841	0.856	ug/l #	81
31) Cyclohexane	5.556	56	6052	1.587	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	21186	6.351	ug/l #	51
37) Ethyl Acetate	4.721	43	52438	14.114	ug/l	99
38) Carbon Tetrachloride	5.550	117	26463	8.140	ug/l #	18
43) Isopropyl Acetate	6.342	43	206217	33.756	ug/l	100
48) Methyl methacrylate	7.799	41	179756	60.000	ug/l #	48
49) 1,4-Dioxane	7.641	88	53	0.772	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	159706	42.828	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	1266	0.348	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	66775	16.612	ug/l #	59
56) Ethyl methacrylate	9.244	69	1638	0.418	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	8205	1.818	ug/l #	43
59) 2-Hexanone	9.378	43	192108	69.682	ug/l #	26
74) N-amyl acetate	10.640	43	50824	10.962	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	94360	28.580	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	94360	96.267	ug/l #	3

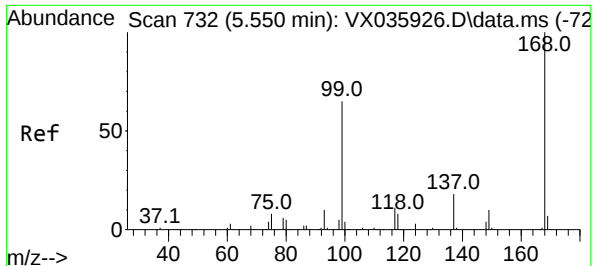
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
Data File : VX036127.D
Acq On : 12 Jun 2023 16:49
Operator : JC/MD
Sample : PB153331ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

Quant Time: Jun 13 04:51:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

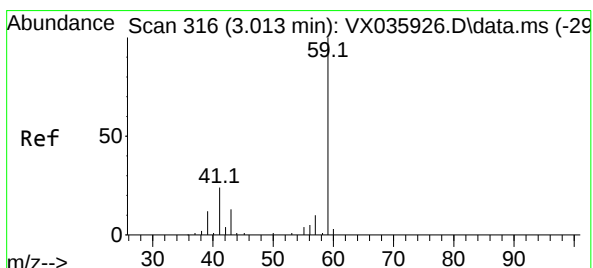
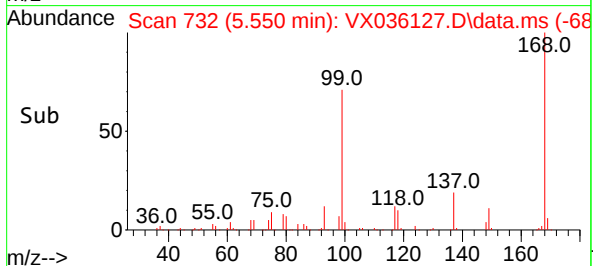
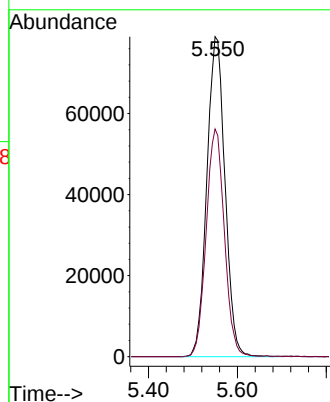
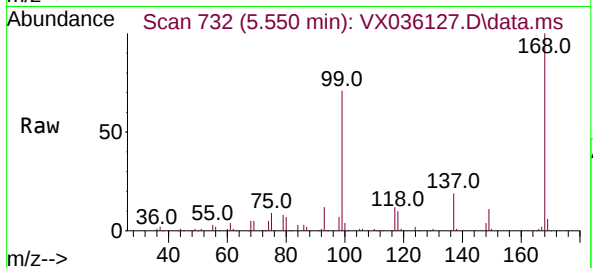




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

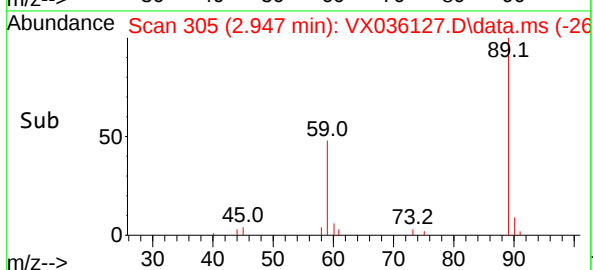
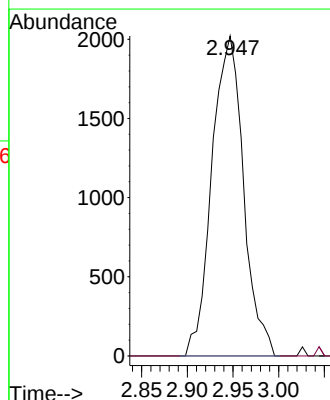
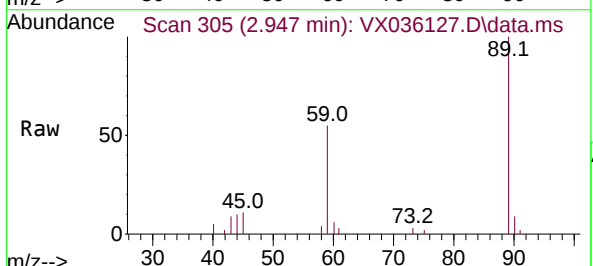
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

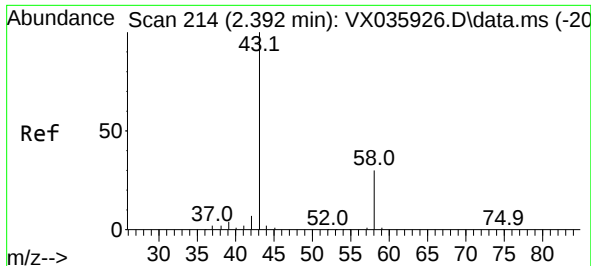
Tgt Ion:168 Resp: 224248
Ion Ratio Lower Upper
168 100
99 71.2 57.0 85.6



#11
Tert butyl alcohol
Concen: 7.504 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 59 Resp: 4853
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

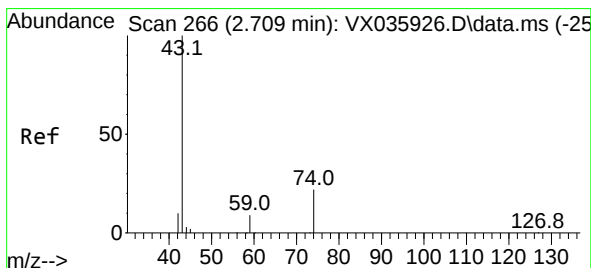
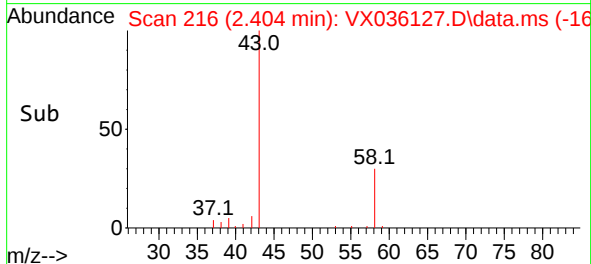
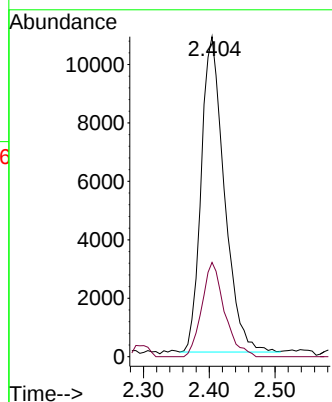
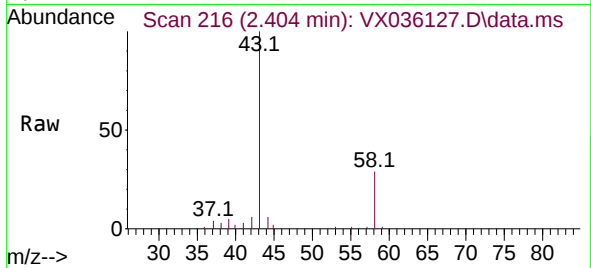




#16
Acetone
Concen: 17.651 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.013 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

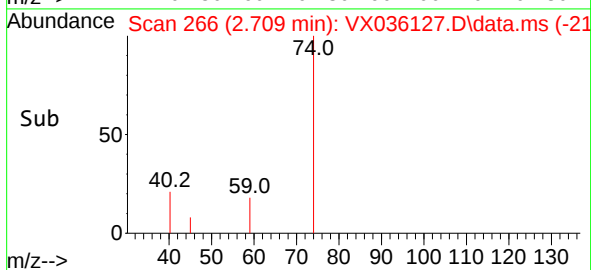
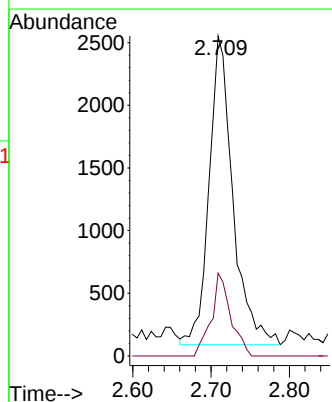
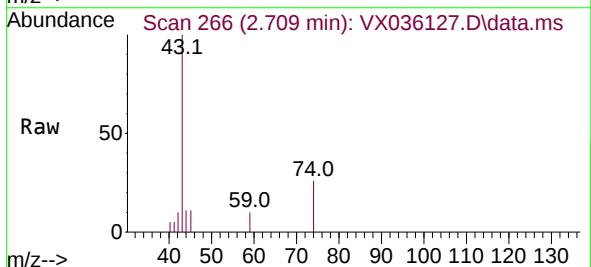
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

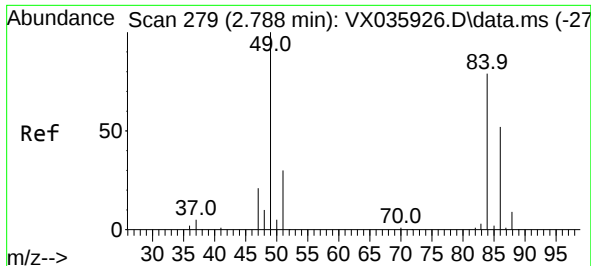
Tgt Ion: 43 Resp: 26517
Ion Ratio Lower Upper
43 100
58 29.9 22.2 33.2



#18
Methyl Acetate
Concen: 0.891 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 43 Resp: 5201
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5

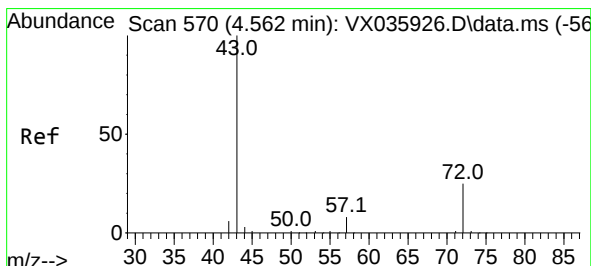
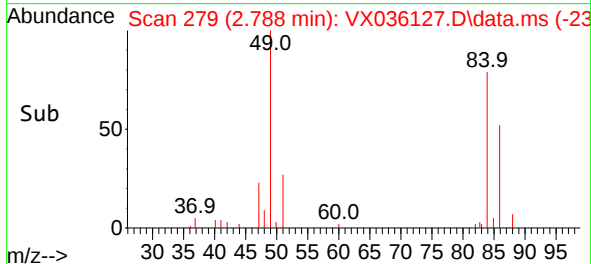
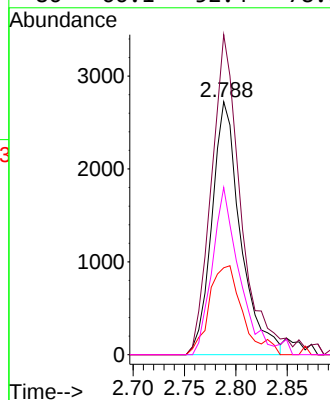
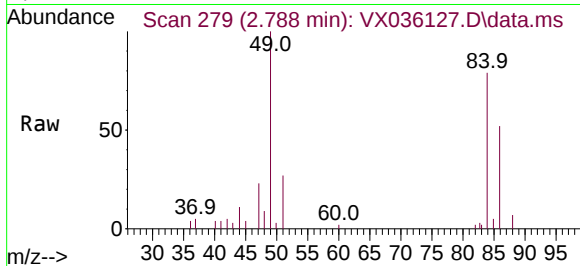




#20
Methylene Chloride
Concen: 1.828 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

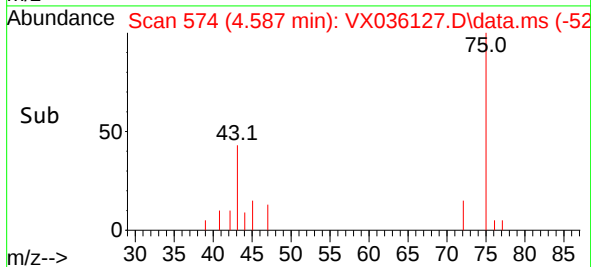
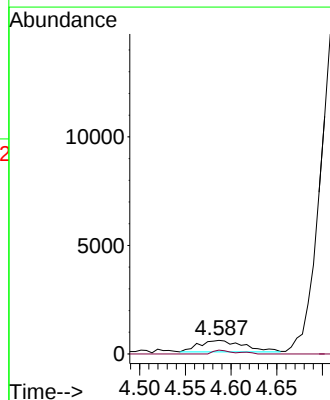
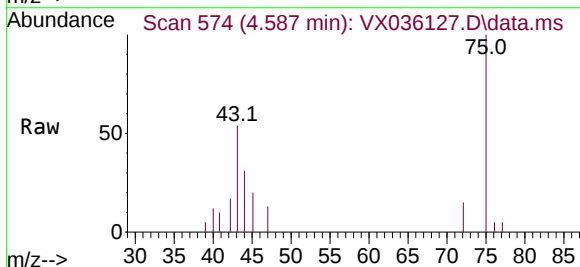
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

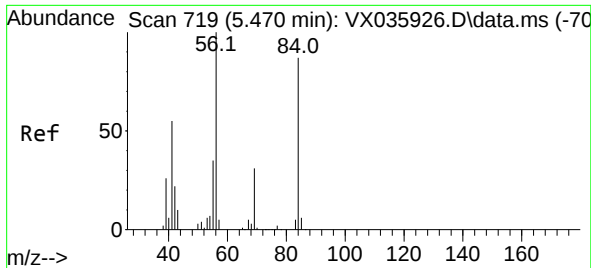
Tgt Ion:	84	Resp:	5290
Ion	Ratio	Lower	Upper
84	100		
49	126.5	104.6	156.8
51	34.4	32.2	48.4
86	66.1	52.4	78.6



#25
2-Butanone
Concen: 0.856 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion:	43	Resp:	1841
Ion	Ratio	Lower	Upper
43	100		
72	33.5	19.4	29.2#

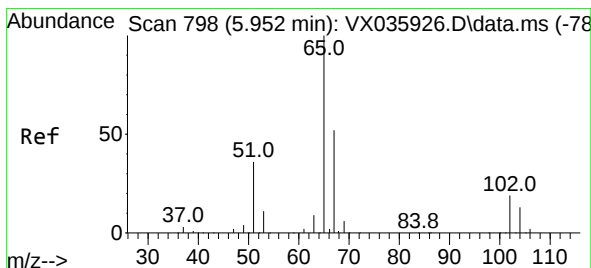
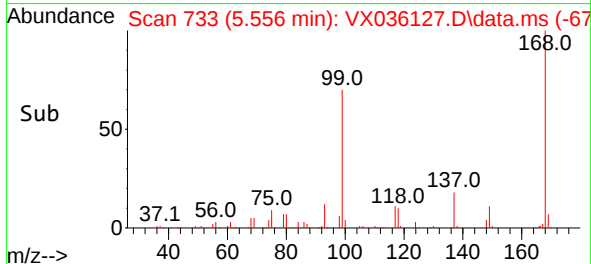
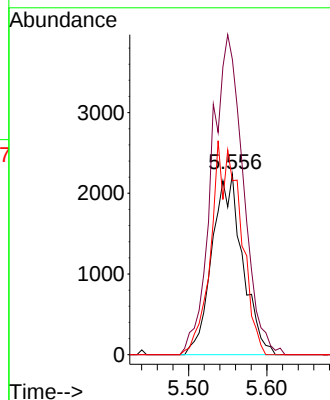
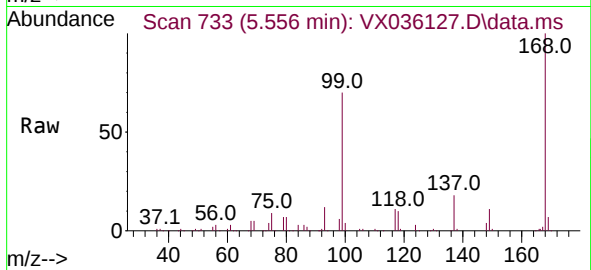




#31
Cyclohexane
Concen: 1.587 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

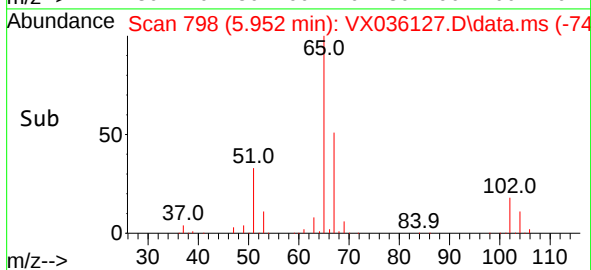
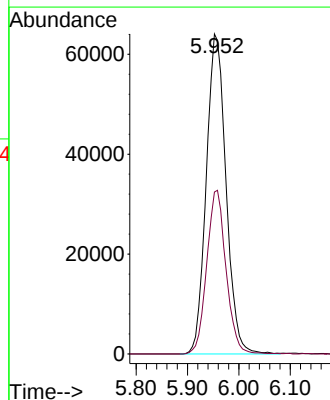
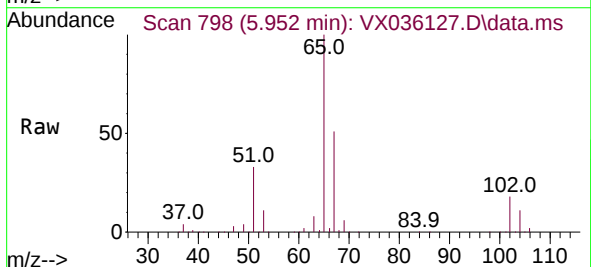
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

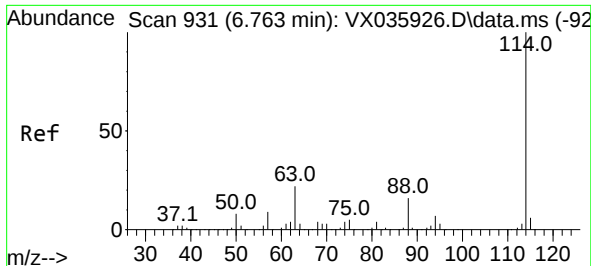
Tgt Ion: 56 Resp: 6052
Ion Ratio Lower Upper
56 100
69 163.7 25.9 38.9#
84 96.5 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 46.992 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 65 Resp: 171119
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6

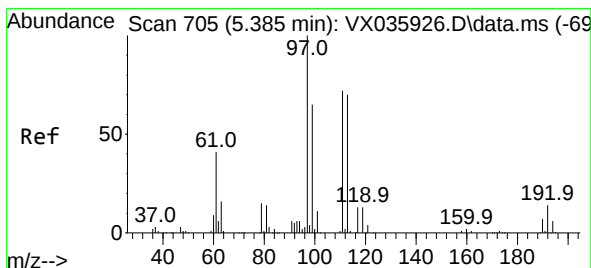
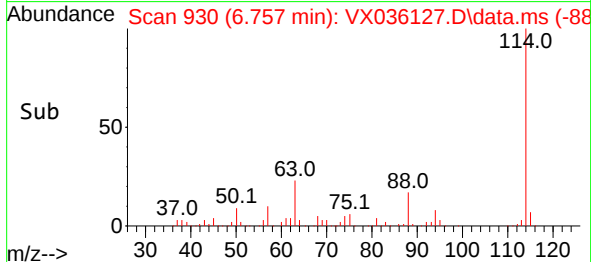
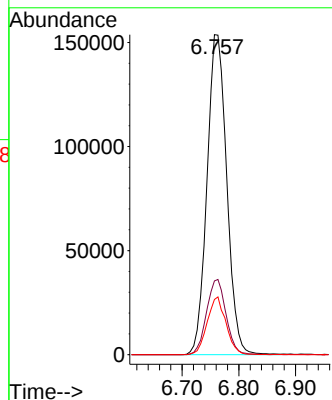
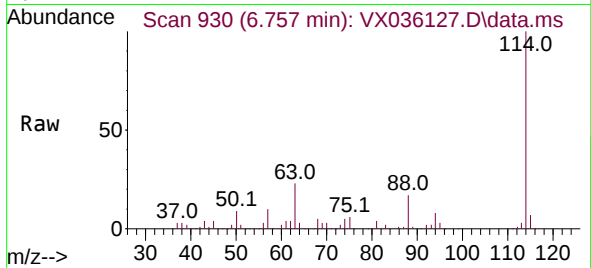




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

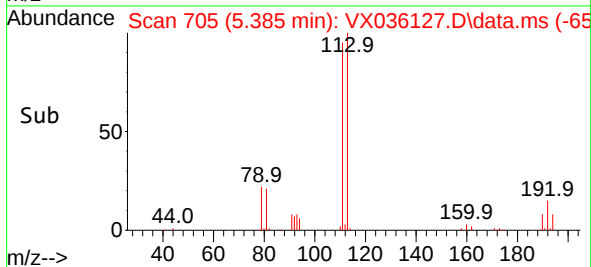
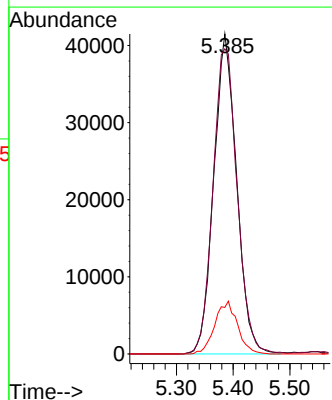
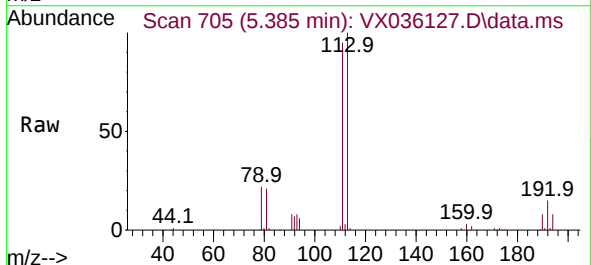
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

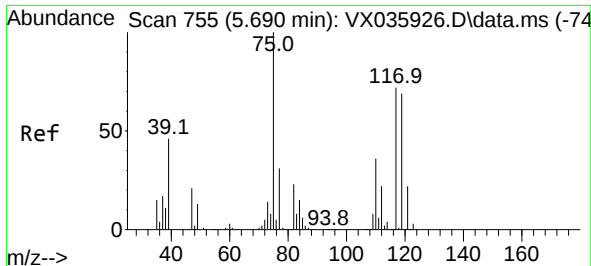
Tgt Ion:114 Resp: 372004
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.0
88 17.3 0.0 35.2



#35
Dibromofluoromethane
Concen: 46.330 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion:113 Resp: 115920
Ion Ratio Lower Upper
113 100
111 101.3 81.7 122.5
192 16.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 6.351 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#07

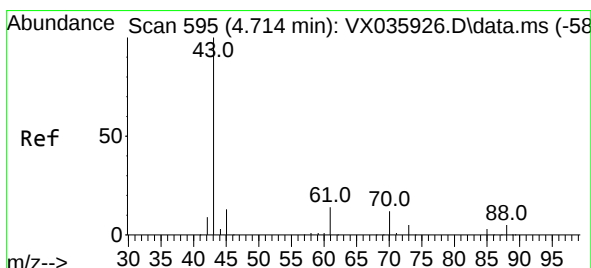
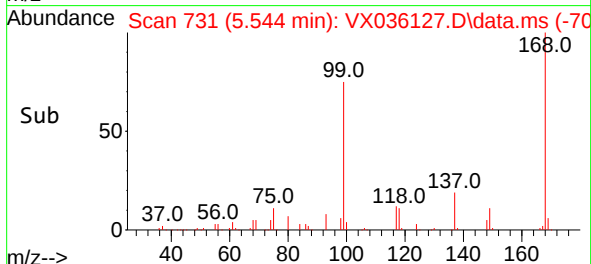
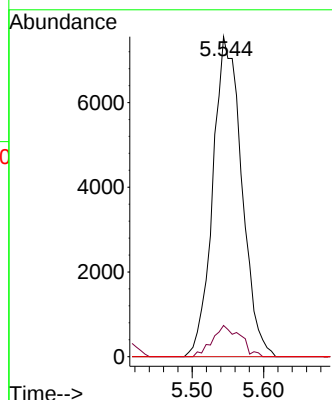
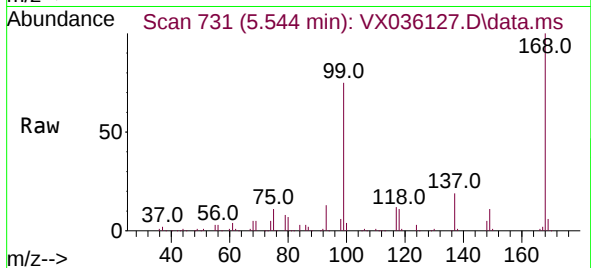
Tgt Ion: 75 Resp: 21186

Ion Ratio Lower Upper

75 100

110 9.5 16.6 49.7#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 14.114 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.013 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

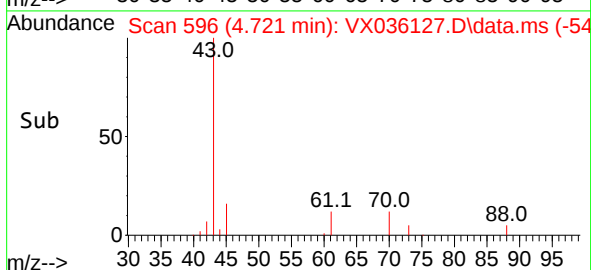
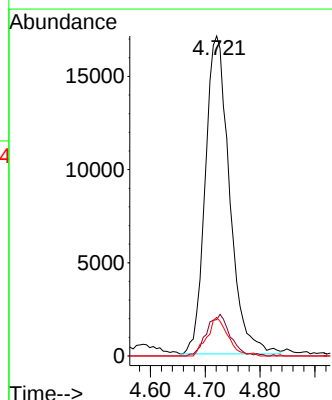
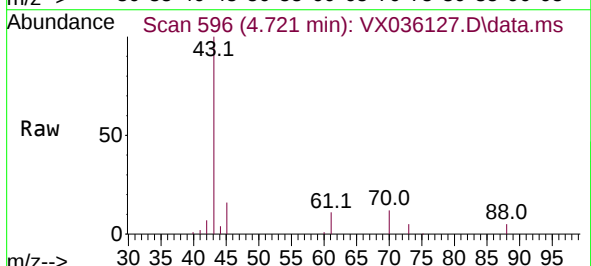
Tgt Ion: 43 Resp: 52438

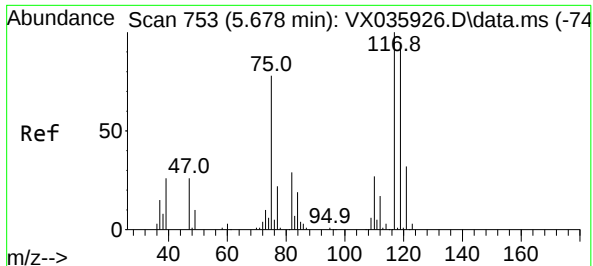
Ion Ratio Lower Upper

43 100

61 12.5 10.3 15.5

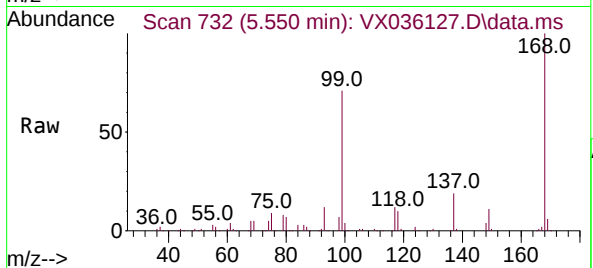
70 10.4 8.3 12.5



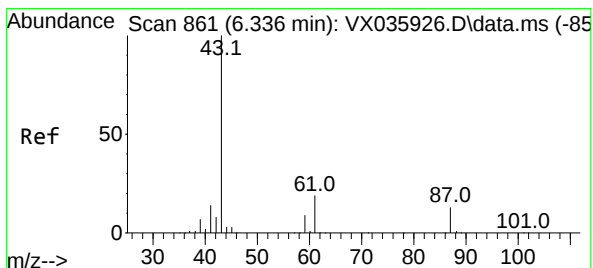
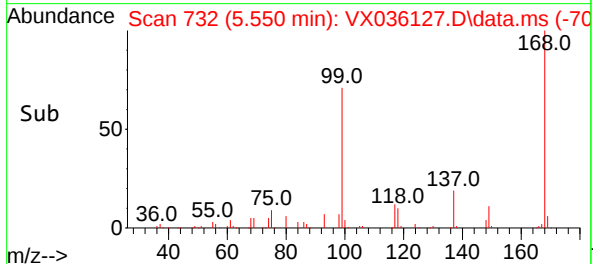
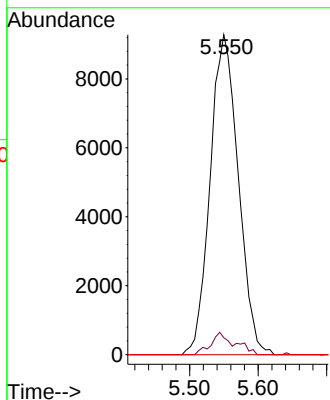


#38
Carbon Tetrachloride
Concen: 8.140 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

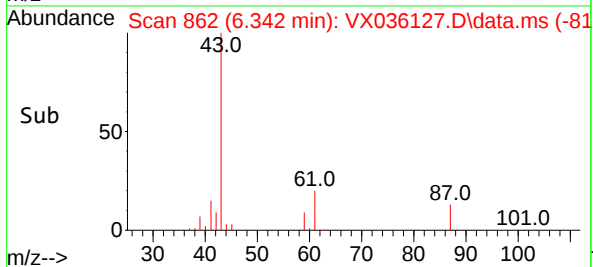
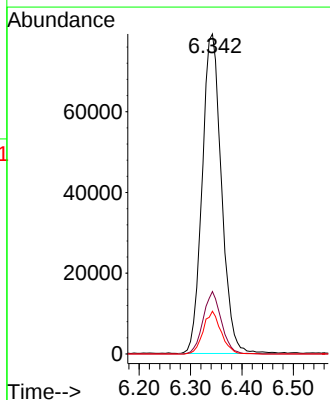
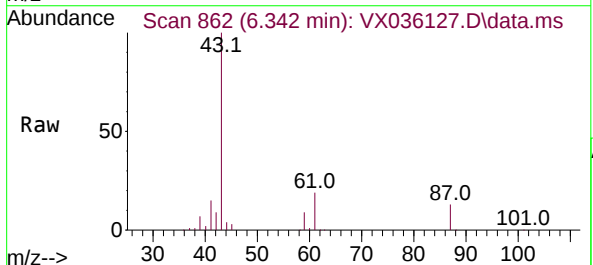


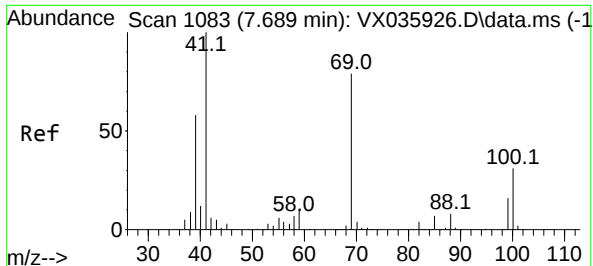
Tgt Ion:117 Resp: 26463
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 33.756 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 43 Resp: 206217
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.4
87 12.3 9.9 14.9





#48

Methyl methacrylate

Concen: 60.000 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#07

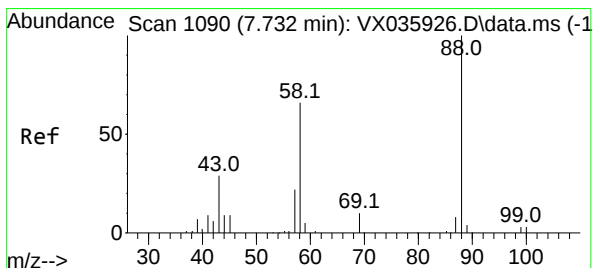
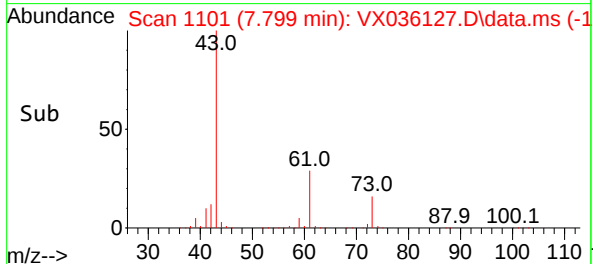
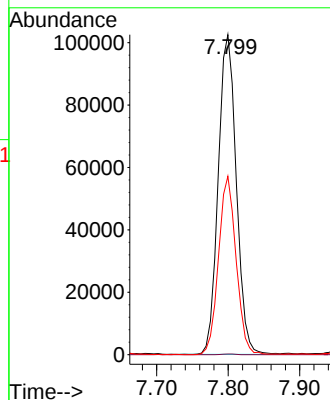
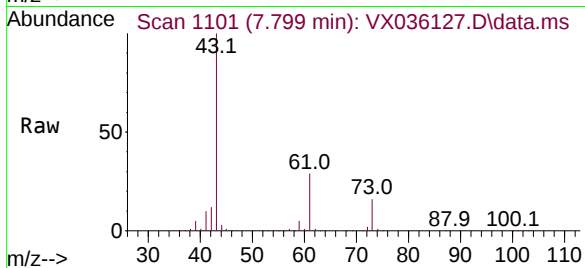
Tgt Ion: 41 Resp: 179756

Ion Ratio Lower Upper

41 100

69 0.1 59.0 88.6#

39 54.3 48.4 72.6



#49

1,4-Dioxane

Concen: 0.772 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.073 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

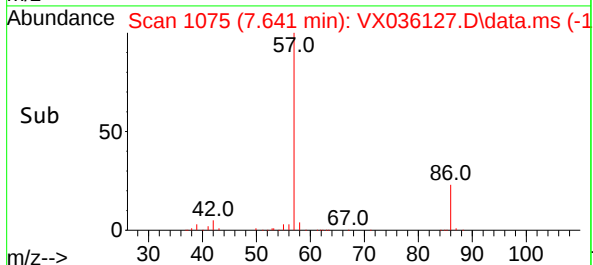
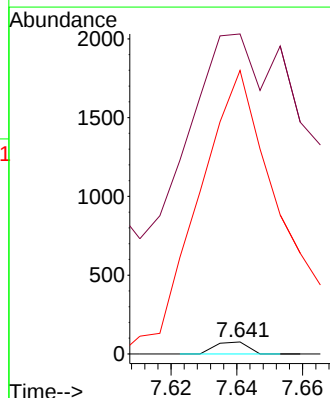
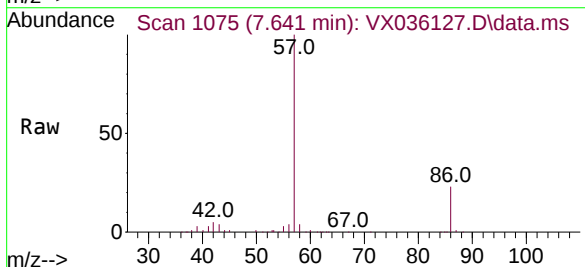
Tgt Ion: 88 Resp: 53

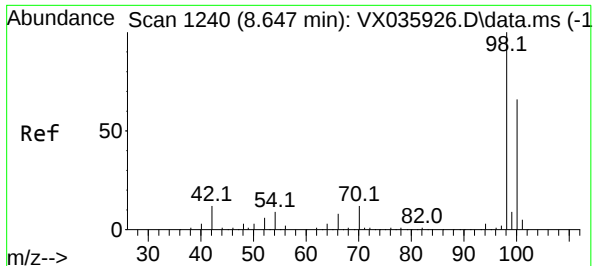
Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 6030.2 58.9 88.3#

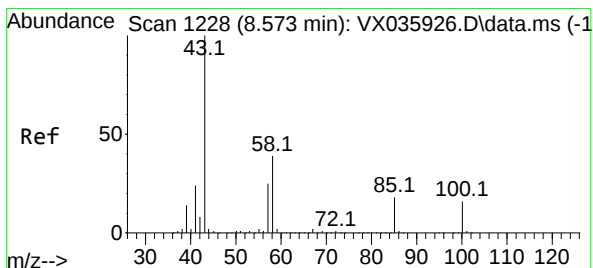
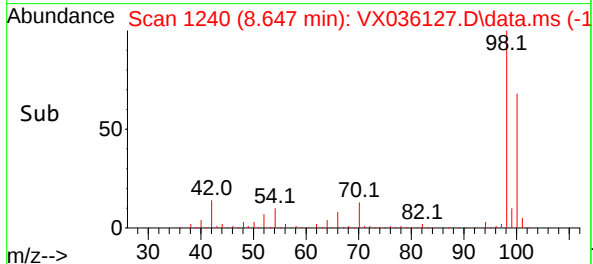
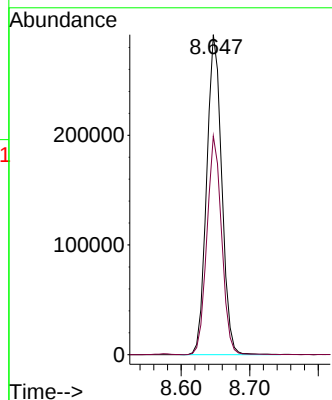
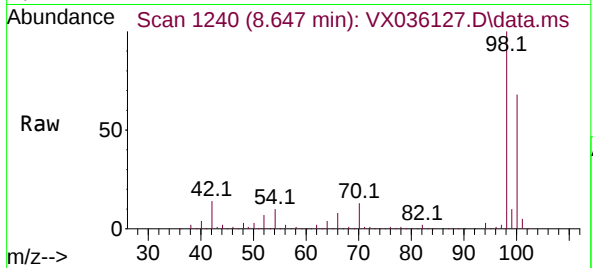




#50
Toluene-d8
Concen: 49.715 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

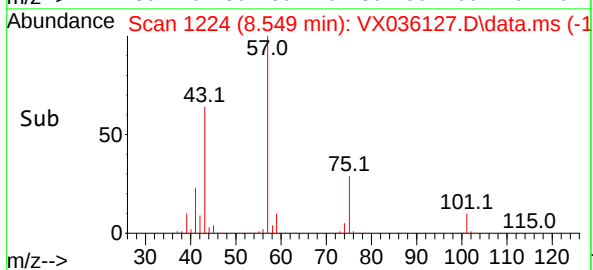
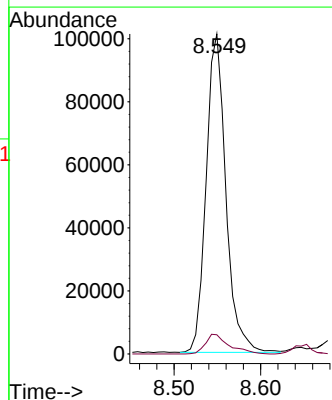
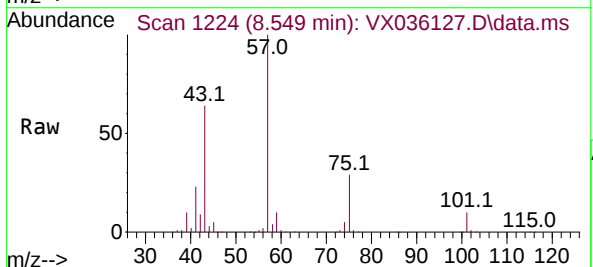
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

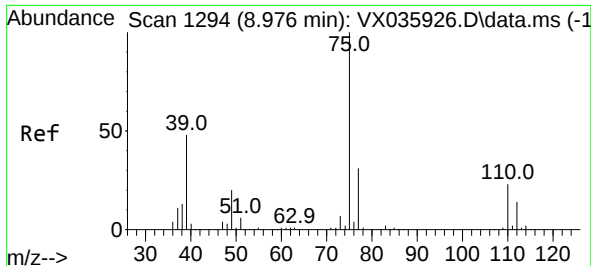
Tgt Ion: 98 Resp: 446432
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 42.828 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 43 Resp: 159706
Ion Ratio Lower Upper
43 100
58 7.4 30.1 45.1#

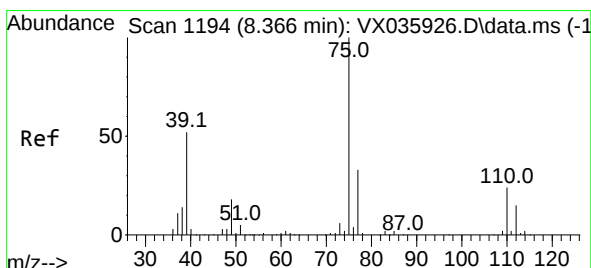
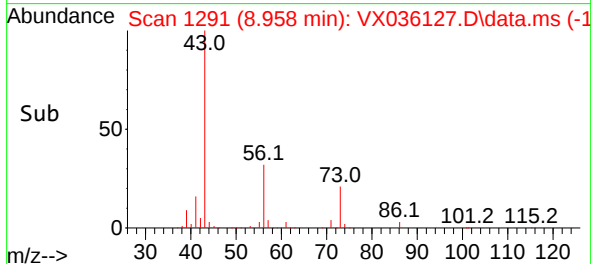
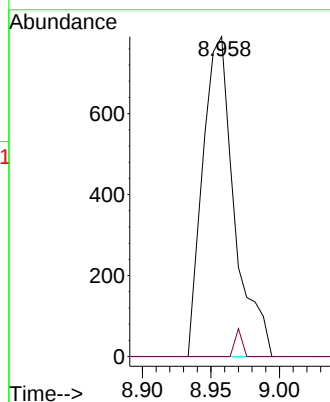
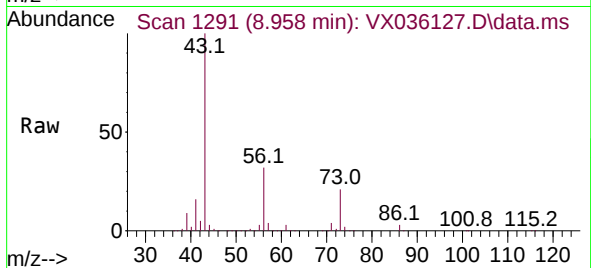




#53
t-1,3-Dichloropropene
Concen: 0.348 ug/l
RT: 8.958 min Scan# 1124
Delta R.T. -0.018 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

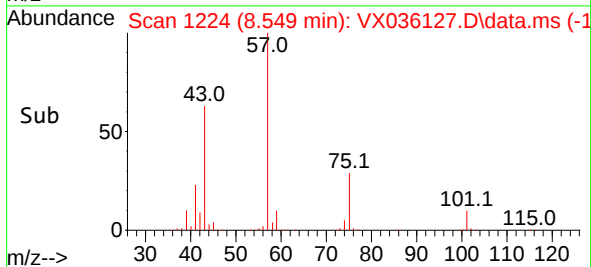
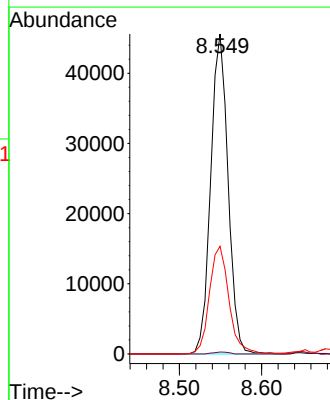
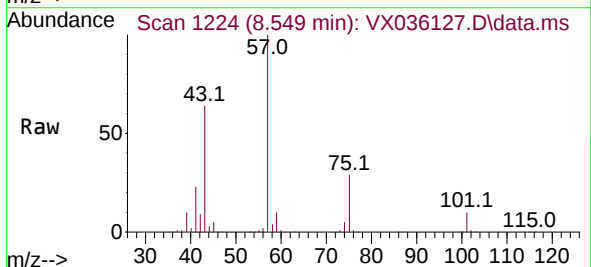
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

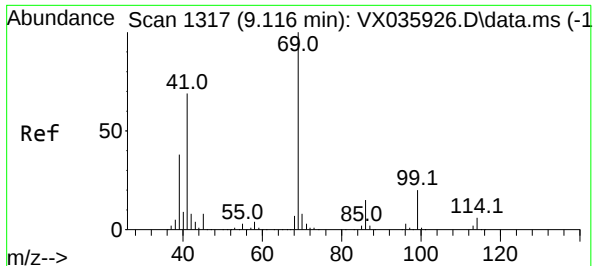
Tgt Ion: 75 Resp: 1266
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#



#54
cis-1,3-Dichloropropene
Concen: 16.612 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 75 Resp: 66775
Ion Ratio Lower Upper
75 100
77 0.6 24.7 37.1#
39 33.6 47.0 70.6#

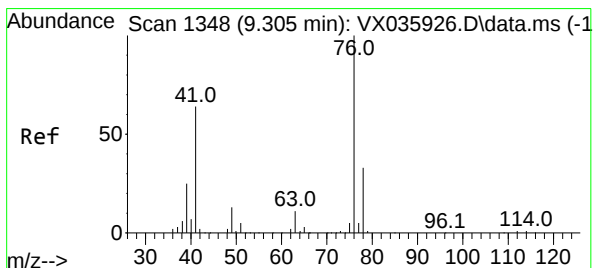
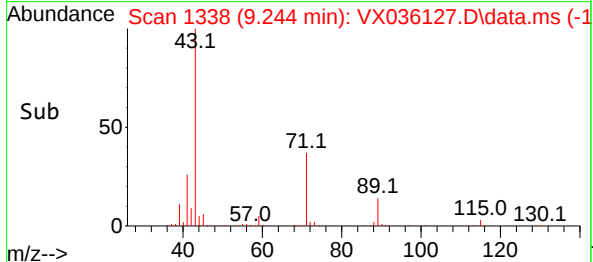
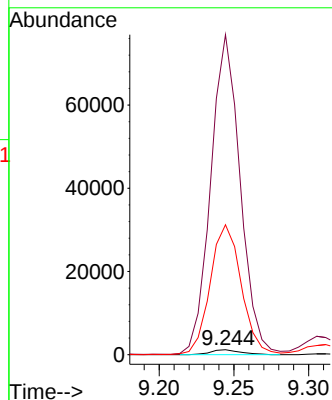
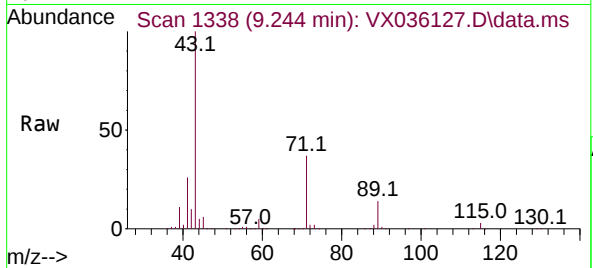




#56
Ethyl methacrylate
Concen: 0.418 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

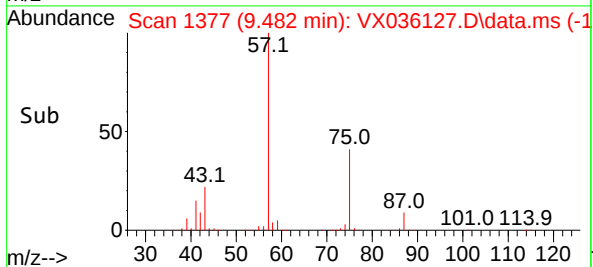
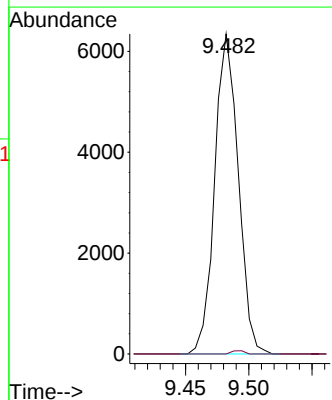
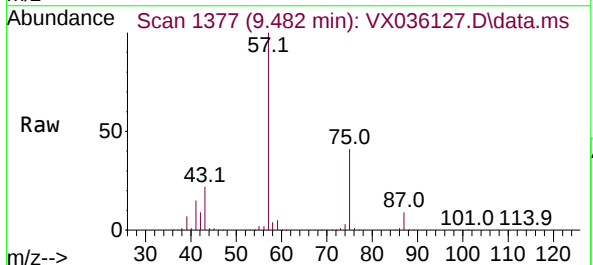
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

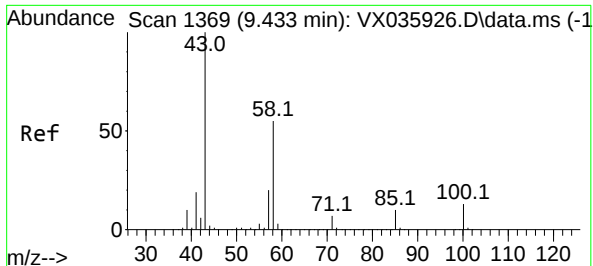
Tgt Ion: 69 Resp: 1638
Ion Ratio Lower Upper
69 100
41 6421.2 58.9 88.3#
39 2761.8 33.4 50.0#



#57
1,3-Dichloropropane
Concen: 1.818 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 76 Resp: 8205
Ion Ratio Lower Upper
76 100
78 0.6 26.0 39.0#

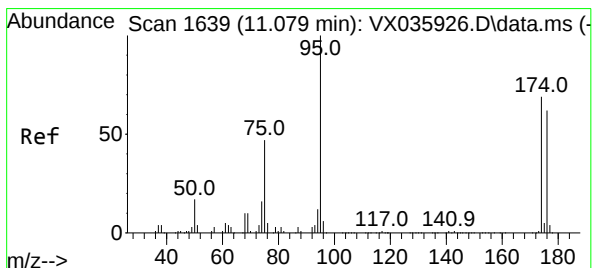
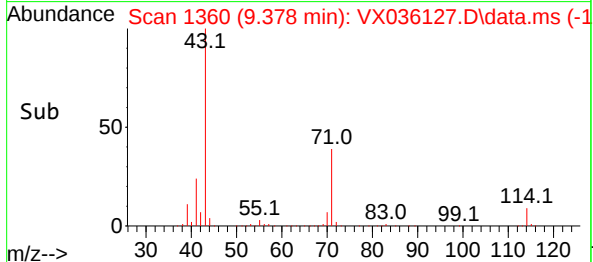
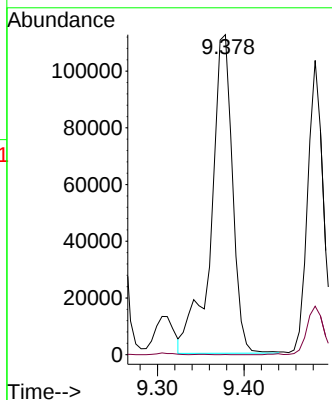
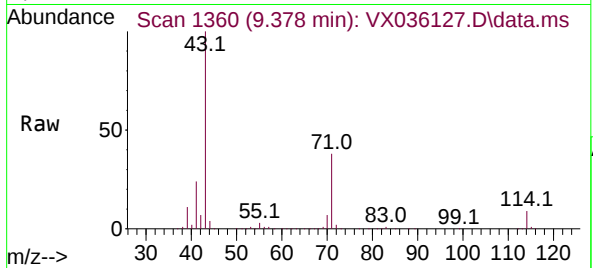




#59
2-Hexanone
Concen: 69.682 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

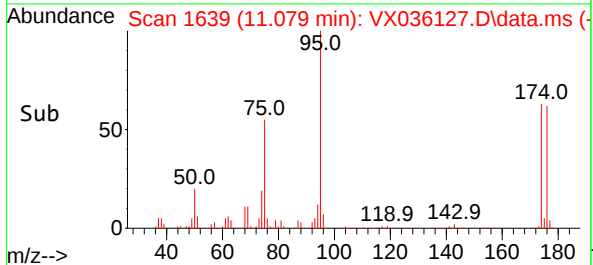
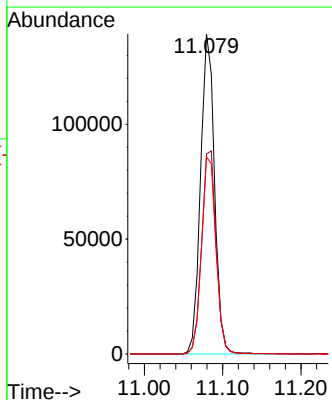
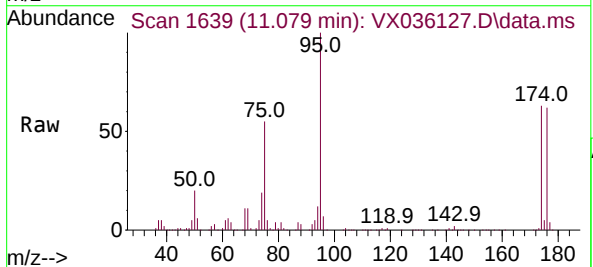
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

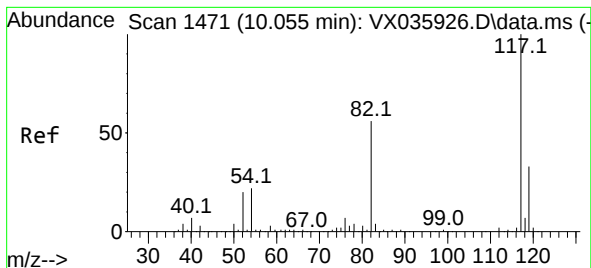
Tgt Ion: 43 Resp: 192108
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#



#62
4-Bromofluorobenzene
Concen: 48.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 95 Resp: 172468
Ion Ratio Lower Upper
95 100
174 65.9 0.0 132.6
176 63.6 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

PB153331ZHE#07

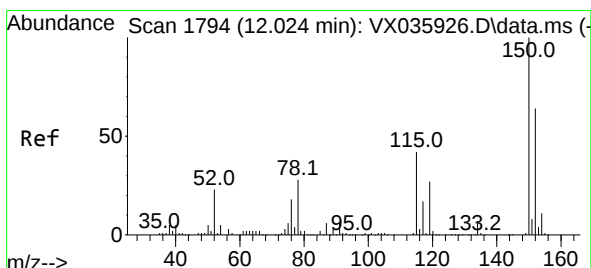
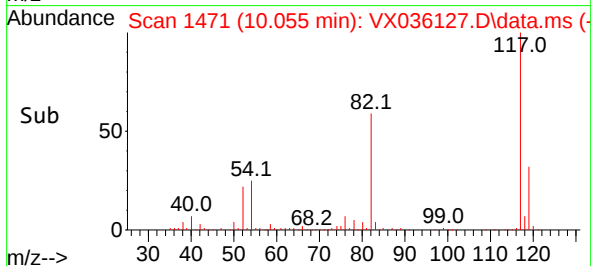
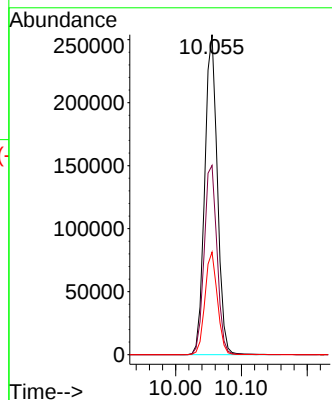
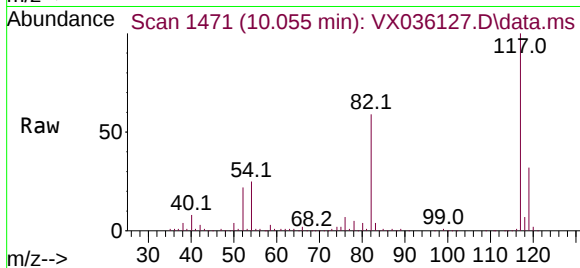
Tgt Ion:117 Resp: 339040

Ion Ratio Lower Upper

117 100

82 59.1 46.6 69.8

119 32.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036127.D

Acq: 12 Jun 2023 16:49

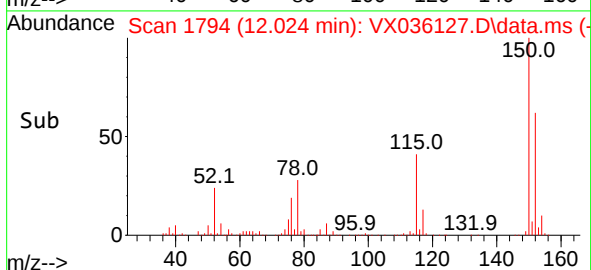
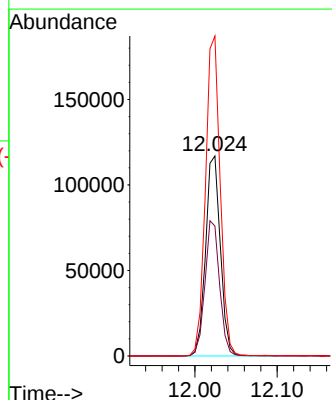
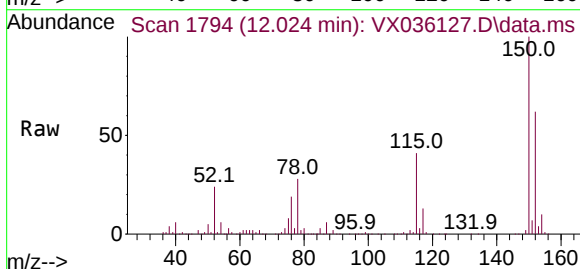
Tgt Ion:152 Resp: 146384

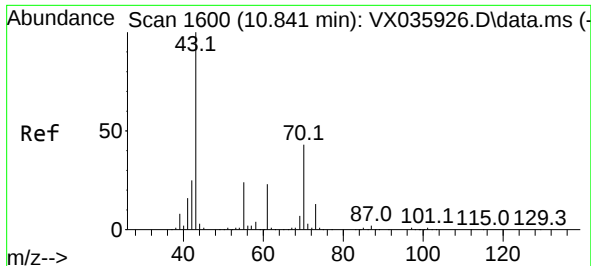
Ion Ratio Lower Upper

152 100

115 67.0 45.5 136.5

150 158.8 0.0 345.2

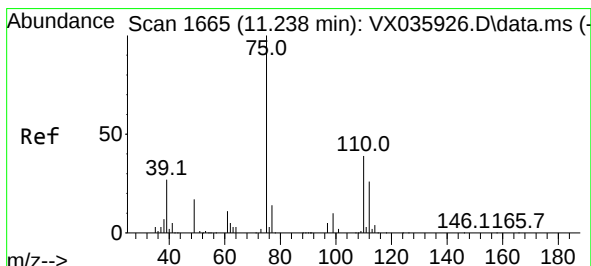
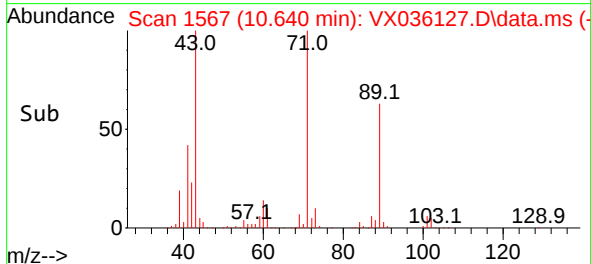
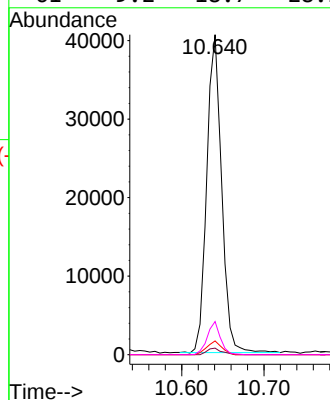
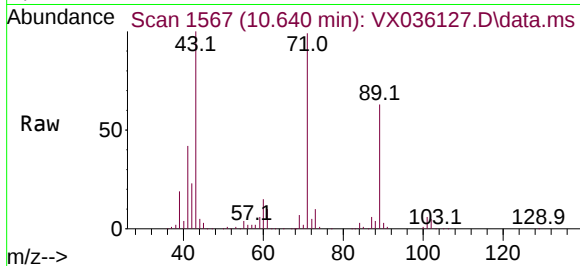




#74
N-amy1 acetate
Concen: 10.962 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

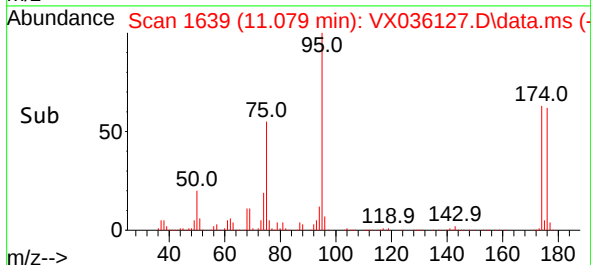
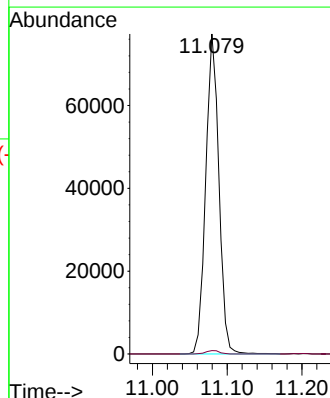
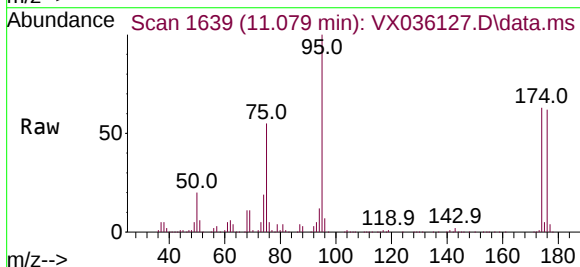
Instrument :
MSVOA_X
ClientSampleId :
PB153331ZHE#07

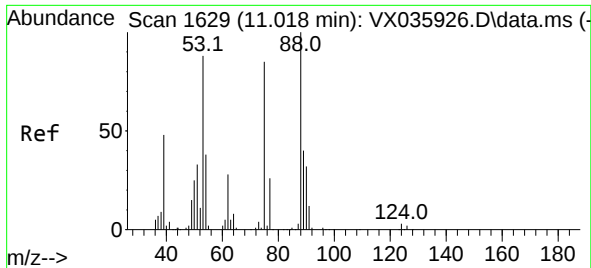
Tgt Ion: 43	Resp: 50824
Ion Ratio	Lower Upper
43 100	
70 2.0	32.6 48.8#
55 4.3	19.0 28.4#
61 9.2	18.7 28.1#



#76
1,2,3-Trichloropropane
Concen: 28.580 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036127.D
Acq: 12 Jun 2023 16:49

Tgt Ion: 75	Resp: 94360
Ion Ratio	Lower Upper
75 100	
77 1.1	21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.267 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036127.D
 Acq: 12 Jun 2023 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB153331ZHE#07

Tgt Ion: 75 Resp: 94360
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

