

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040898.D
 Acq On : 05 Apr 2024 13:07
 Operator : JC/MD
 Sample : PB160019ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#06

Quant Time: Apr 05 23:19:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

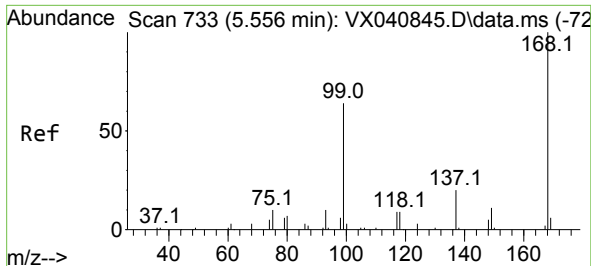
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	44818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40683	50.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.180%
35) Dibromofluoromethane	5.385	113	29232	49.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	8.647	98	105618	49.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	43604	51.463	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.920%
Target Compounds						
					Qvalue	
6) Chloroethane	1.690	64	155	0.444	ug/l #	43
11) Tert butyl alcohol	2.952	59	413	2.813	ug/l #	78
16) Acetone	2.379	43	11036	35.344	ug/l	95
18) Methyl Acetate	2.709	43	436	0.589	ug/l #	63
20) Methylene Chloride	2.794	84	10743	18.565	ug/l	97
25) 2-Butanone	4.580	43	1162	2.505	ug/l #	69
29) Tetrahydrofuran	5.037	42	61	0.202	ug/l #	34
31) Cyclohexane	5.550	56	1330	1.559	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	4124	4.943	ug/l #	49
37) Ethyl Acetate	4.733	43	1042	1.017	ug/l #	69
38) Carbon Tetrachloride	5.543	117	5117	5.540	ug/l #	15
43) Isopropyl Acetate	6.336	43	37991	24.013	ug/l	97
48) Methyl methacrylate	7.793	41	37403	48.278	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	30062	28.646	ug/l #	49
53) t-1,3-Dichloropropene	8.951	75	201	0.958	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	11343	12.135	ug/l #	65
56) Ethyl methacrylate	9.244	69	275	0.281	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1514	1.518	ug/l #	42
59) 2-Hexanone	9.372	43	33351	39.626	ug/l #	26
74) N-amyl acetate	10.811	43	342	0.225	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	25705	28.070	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	25705	75.732	ug/l #	5

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

Quant Time: Apr 05 23:19:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration

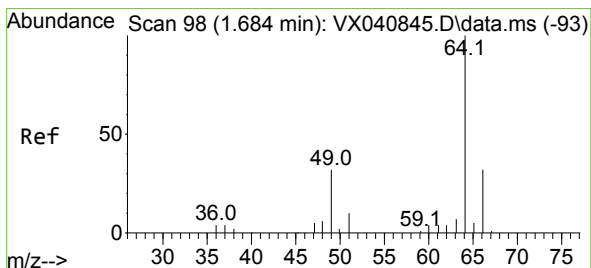
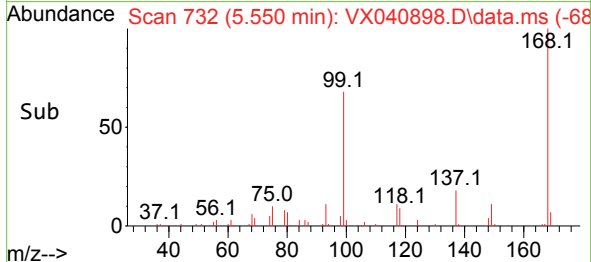
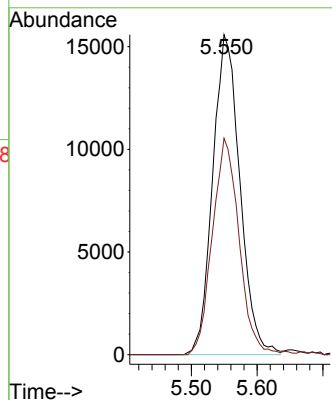
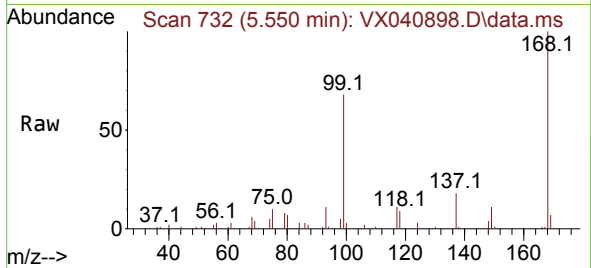




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

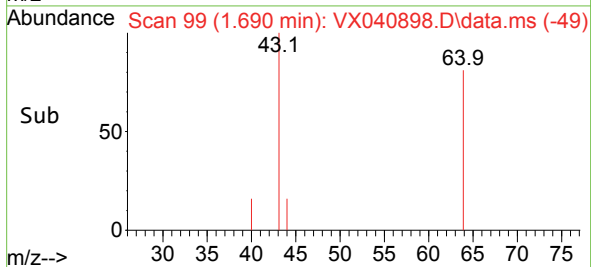
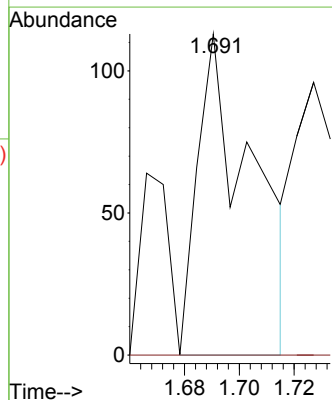
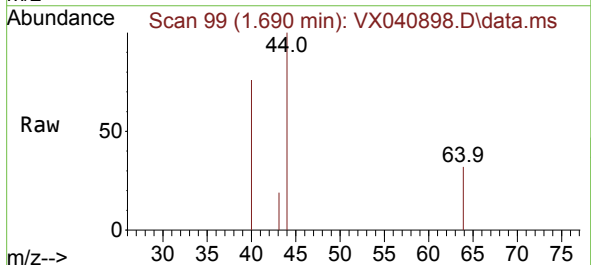
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

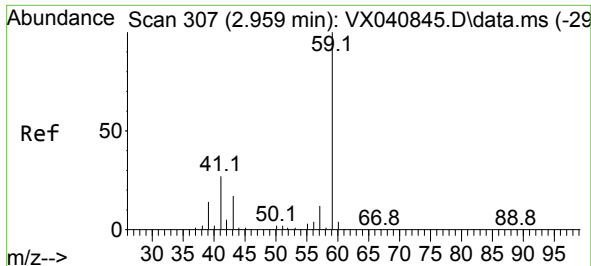
Tgt Ion:168 Resp: 44818
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0



#6
Chloroethane
Concen: 0.444 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

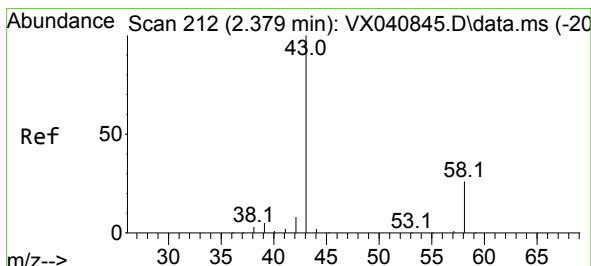
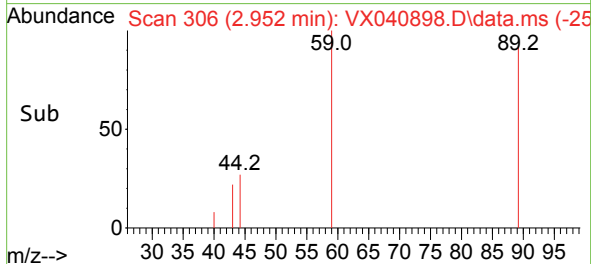
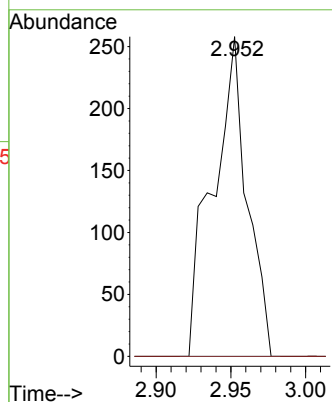
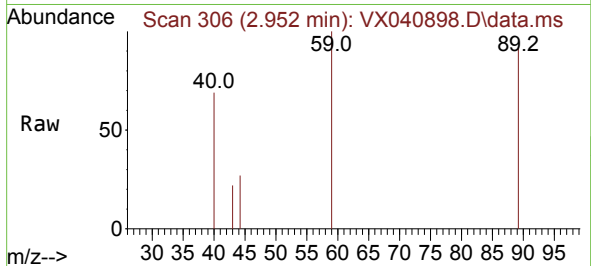




#11
Tert butyl alcohol
Concen: 2.813 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

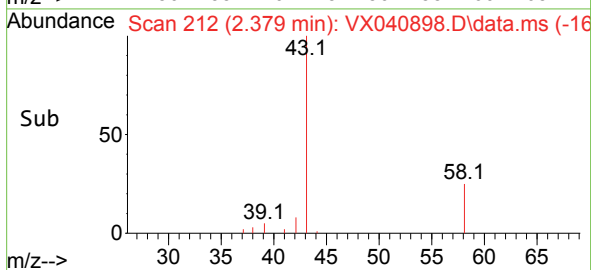
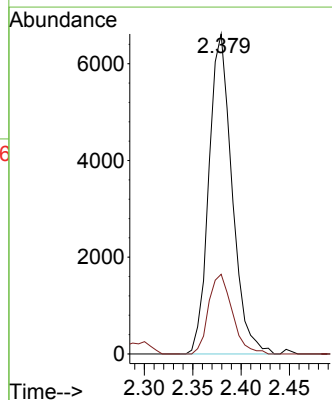
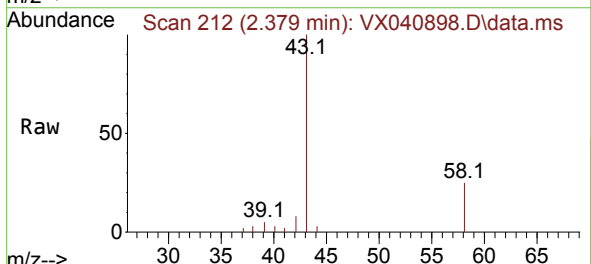
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

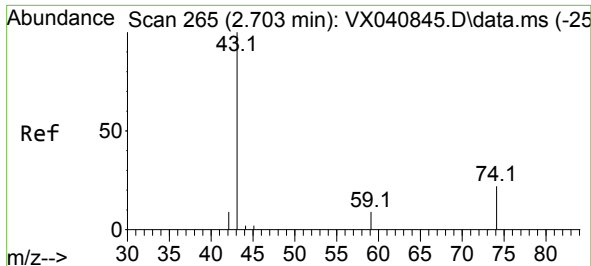
Tgt Ion: 59 Resp: 413
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 35.344 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 43 Resp: 11036
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9





#18

Methyl Acetate

Concen: 0.589 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

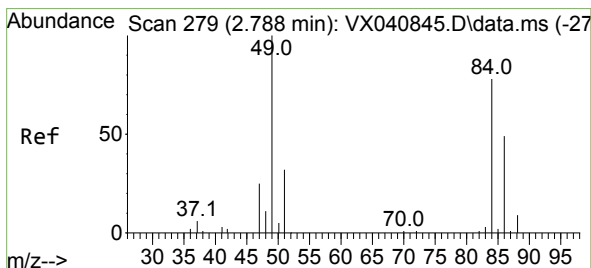
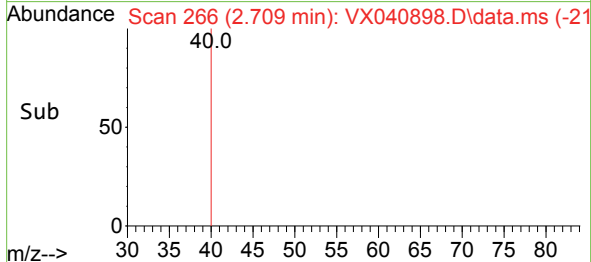
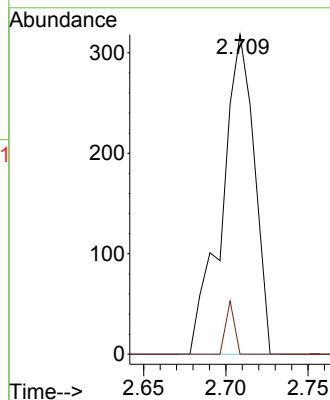
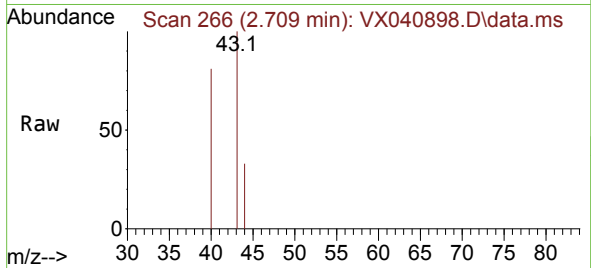
PB160019ZHE#06

Tgt Ion: 43 Resp: 436

Ion Ratio Lower Upper

43 100

74 4.4 17.8 26.8#



#20

Methylene Chloride

Concen: 18.565 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Tgt Ion: 84 Resp: 10743

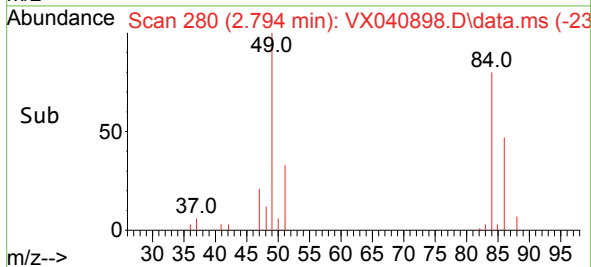
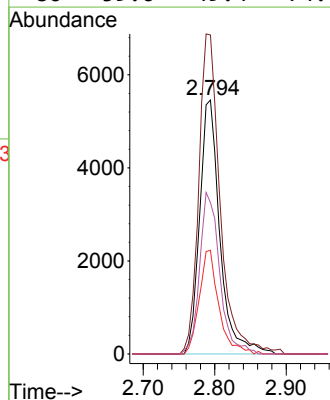
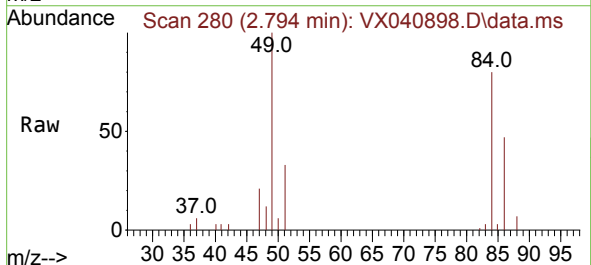
Ion Ratio Lower Upper

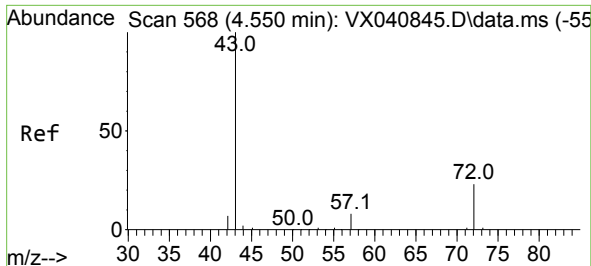
84 100

49 125.6 103.6 155.4

51 40.9 33.8 50.6

86 59.6 49.4 74.0





#25

2-Butanone

Concen: 2.505 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

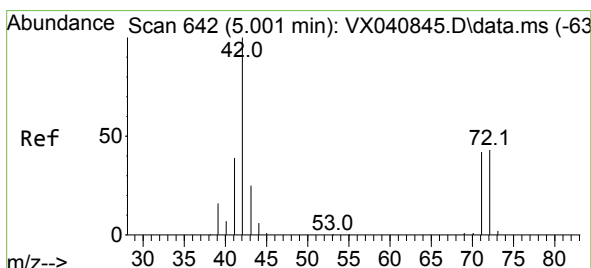
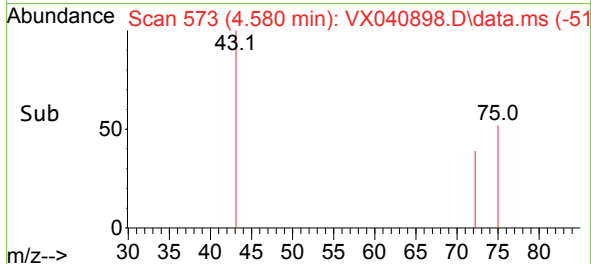
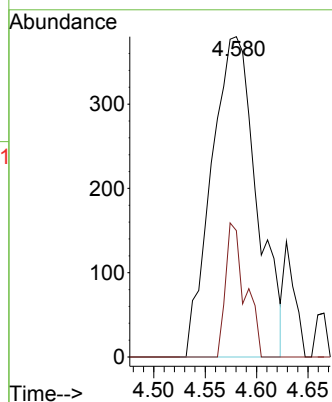
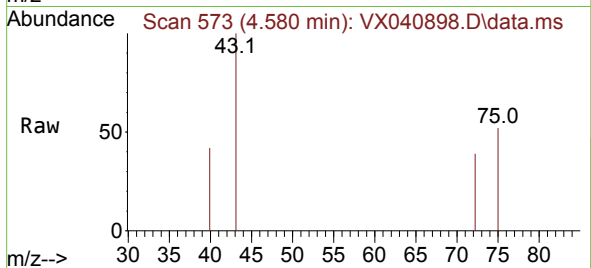
PB160019ZHE#06

Tgt Ion: 43 Resp: 1162

Ion Ratio Lower Upper

43 100

72 39.5 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.036 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

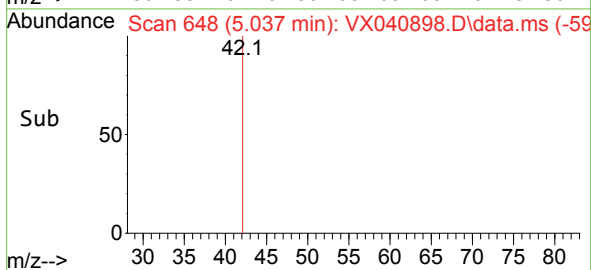
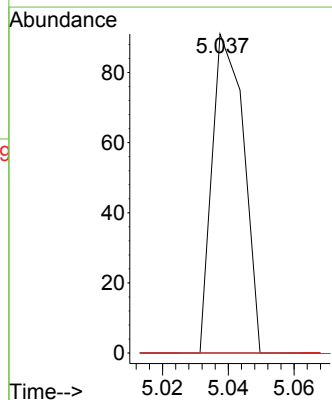
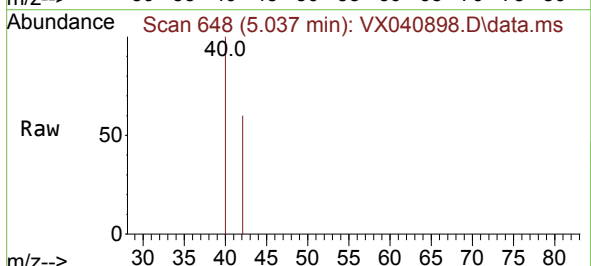
Tgt Ion: 42 Resp: 61

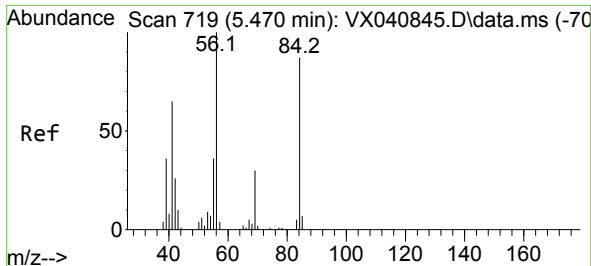
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

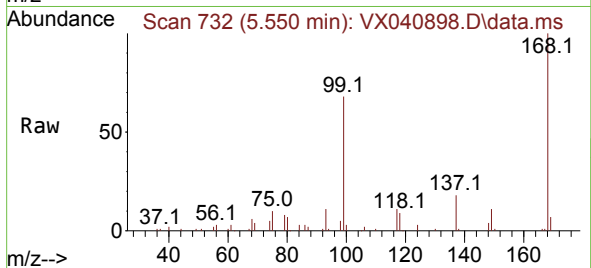
71 0.0 32.2 48.2#



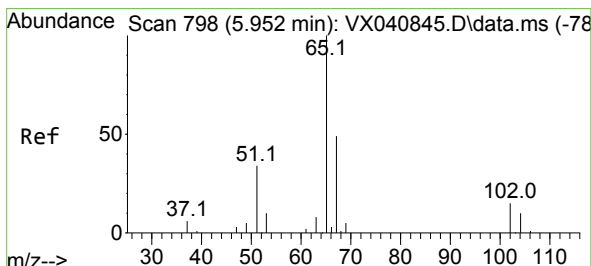
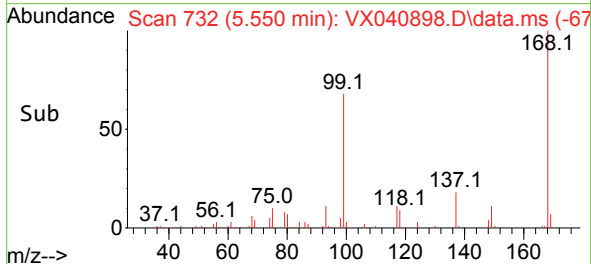
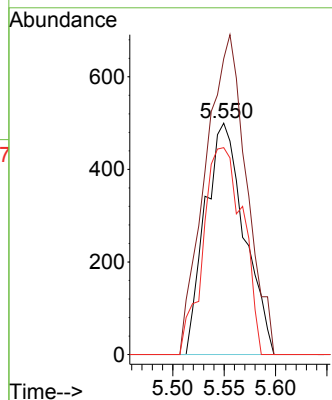


#31
Cyclohexane
Concen: 1.559 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

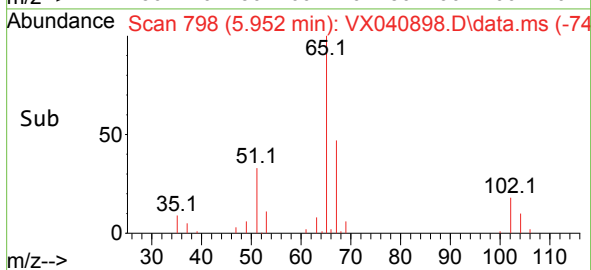
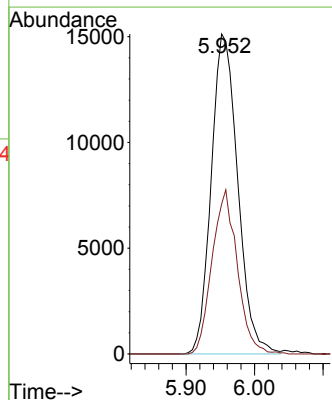
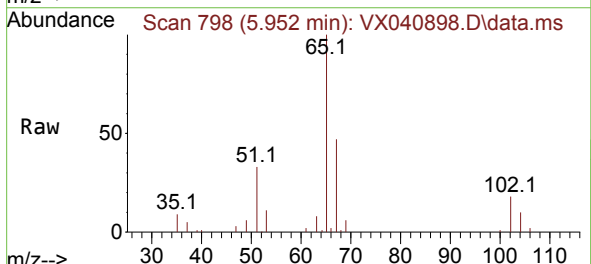


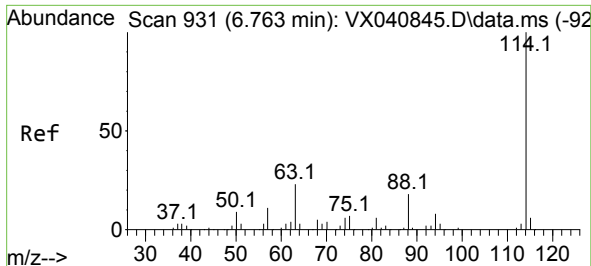
Tgt Ion: 56 Resp: 1330
Ion Ratio Lower Upper
56 100
69 127.8 23.4 35.2#
84 89.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.591 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 65 Resp: 40683
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.2

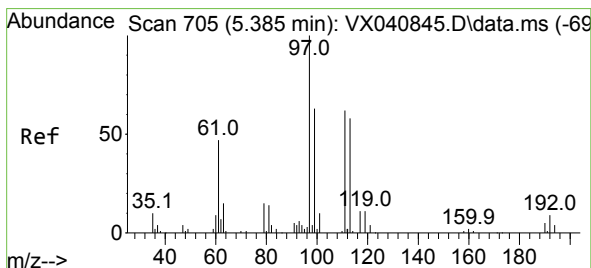
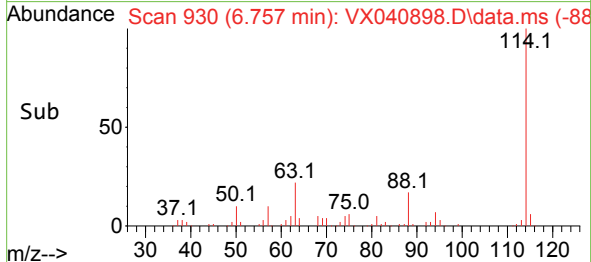
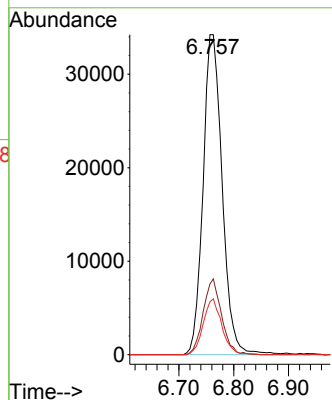
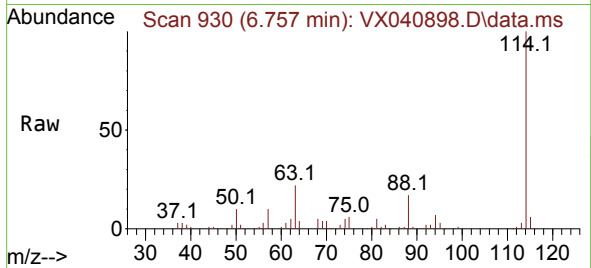




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

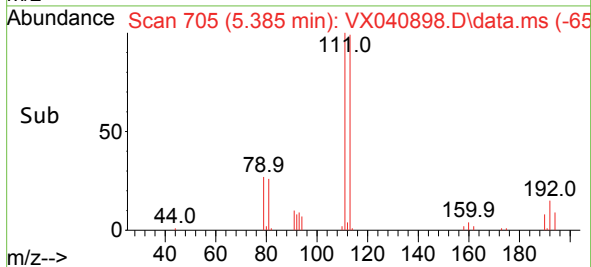
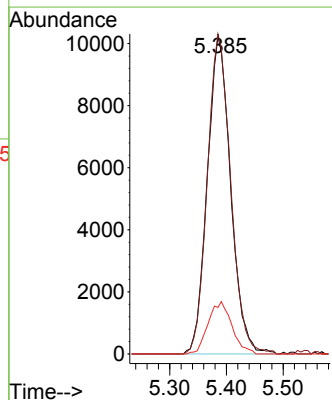
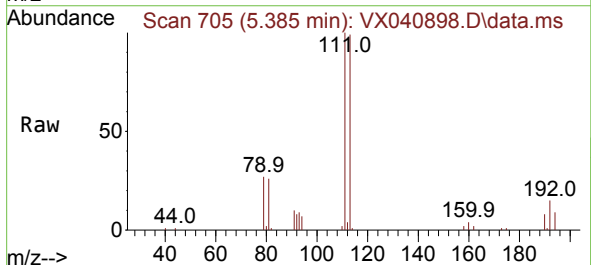
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

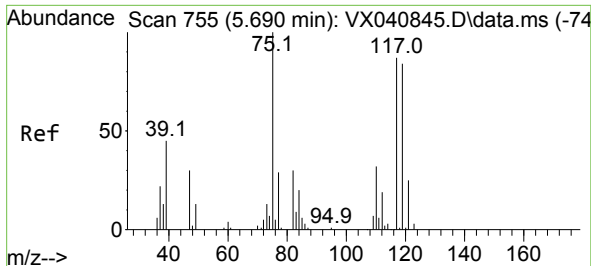
Tgt Ion:114 Resp: 82897
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.786 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

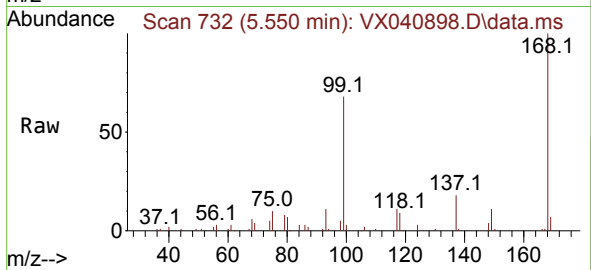
Tgt Ion:113 Resp: 29232
Ion Ratio Lower Upper
113 100
111 100.6 82.9 124.3
192 16.8 13.3 19.9



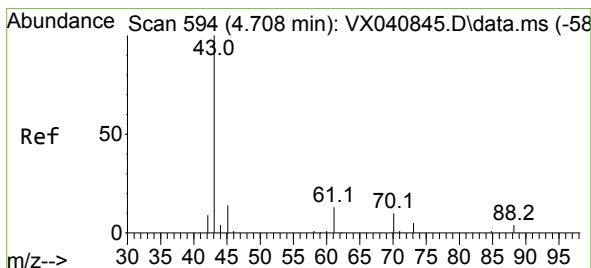
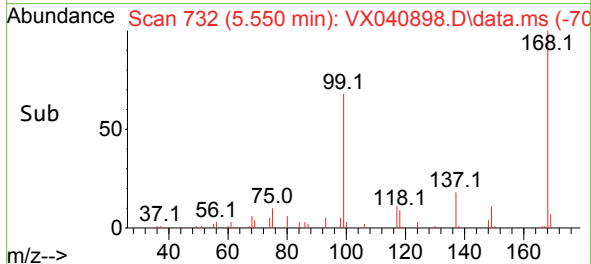
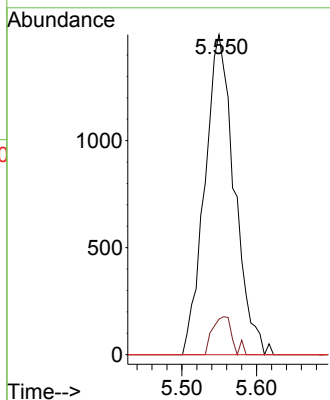


#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

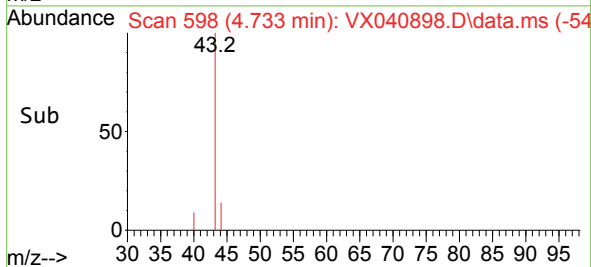
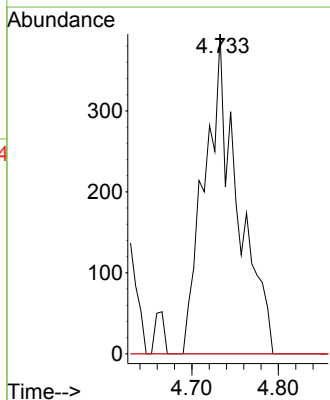
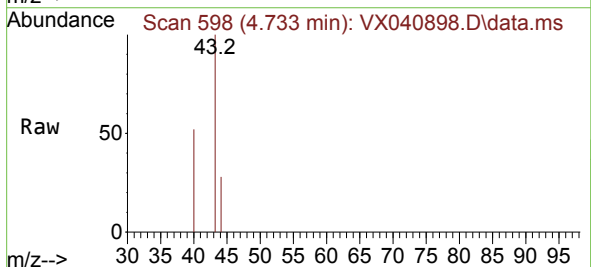


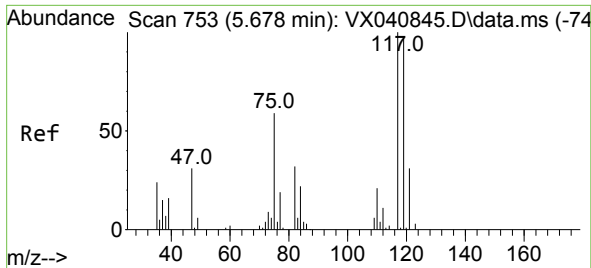
Tgt Ion: 75 Resp: 4124
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.017 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.024 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

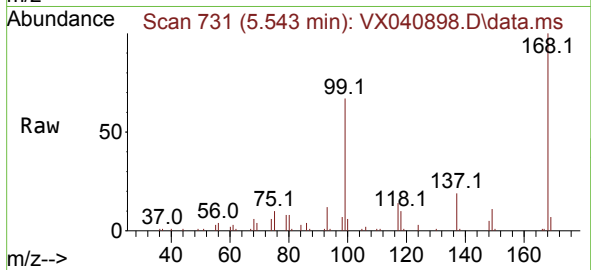
Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



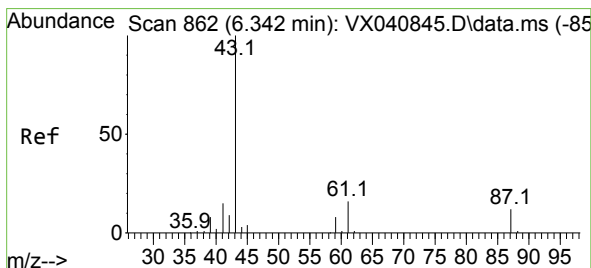
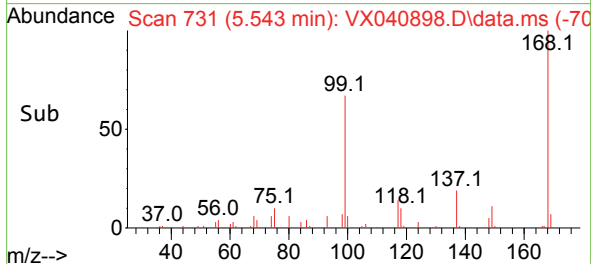
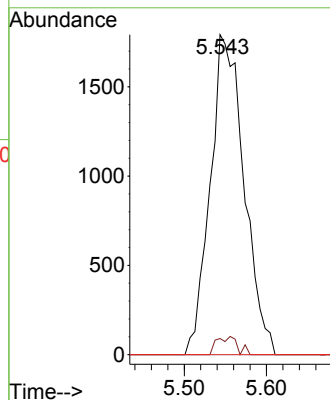


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

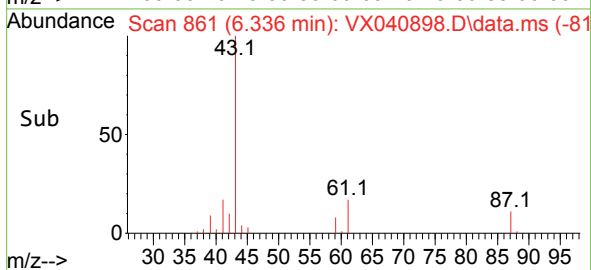
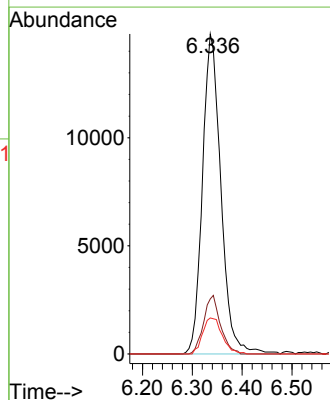
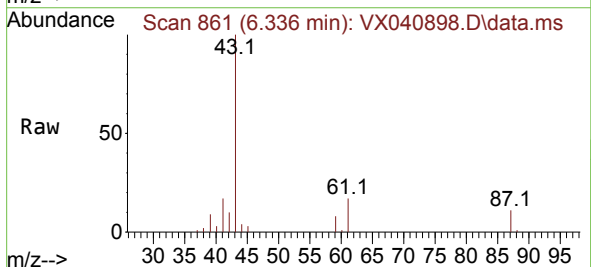


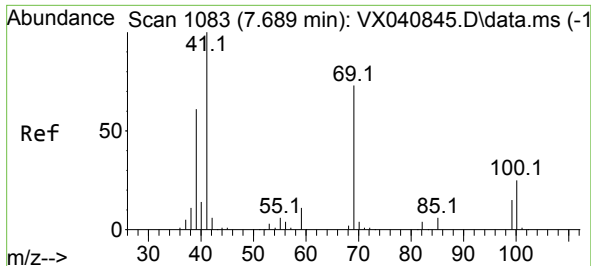
Tgt Ion:117 Resp: 5117
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 24.013 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 43 Resp: 37991
Ion Ratio Lower Upper
43 100
61 16.7 15.2 22.8
87 11.9 9.8 14.6

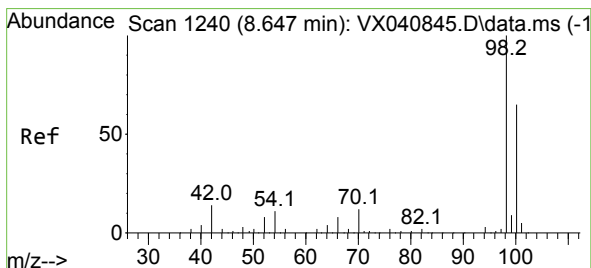
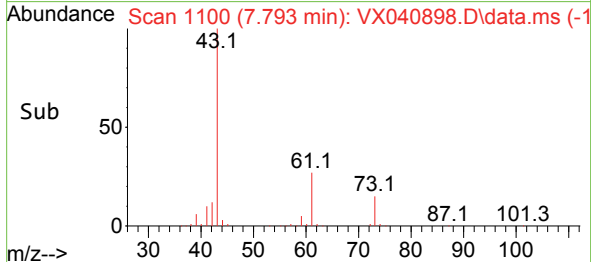
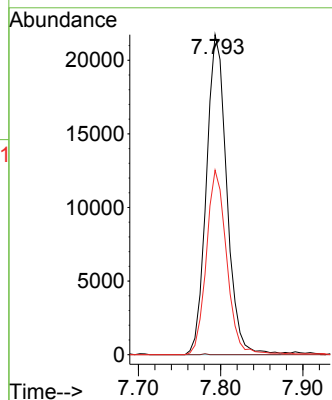
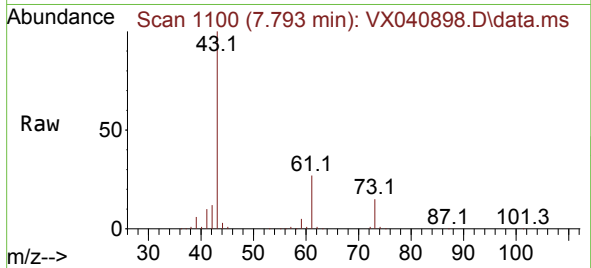




#48
Methyl methacrylate
Concen: 48.278 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

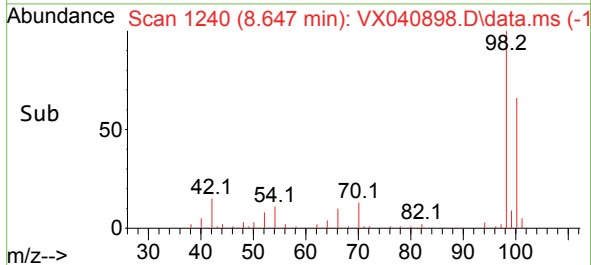
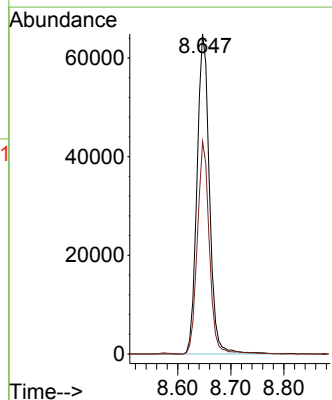
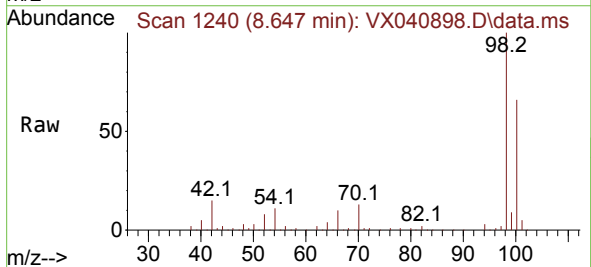
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

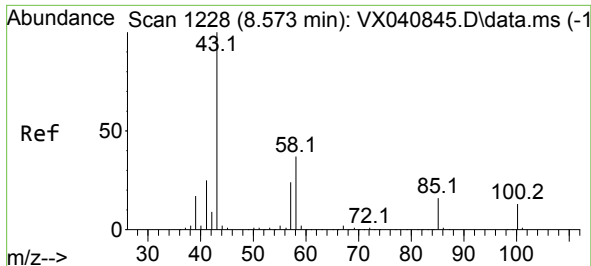
Tgt Ion: 41 Resp: 37403
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 57.4 47.7 71.5



#50
Toluene-d8
Concen: 49.780 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 98 Resp: 105618
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

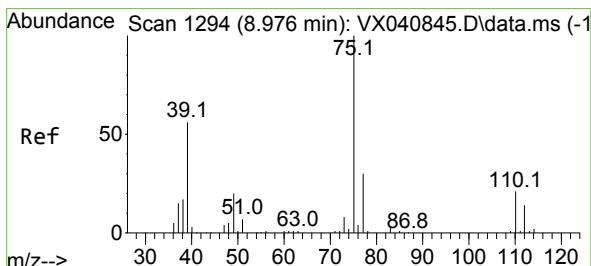
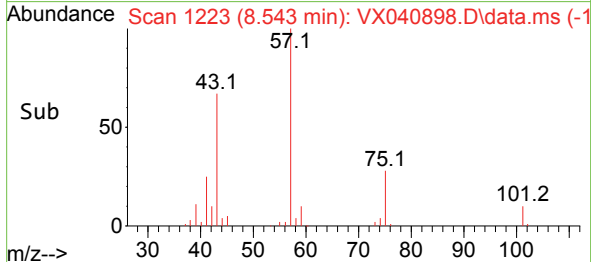
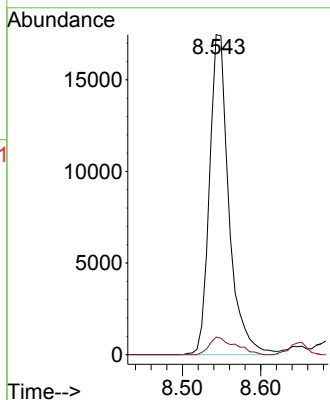
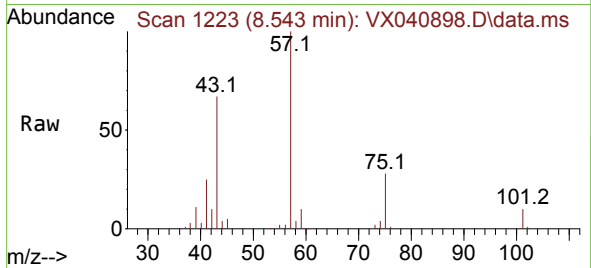




#51
4-Methyl-2-Pentanone
Concen: 28.646 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

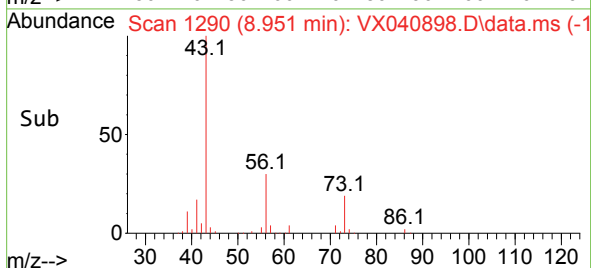
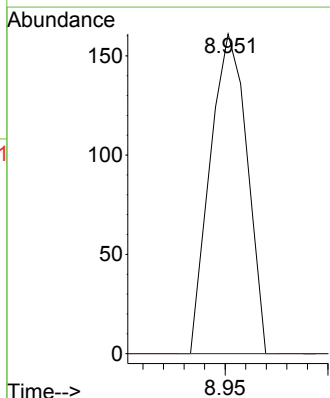
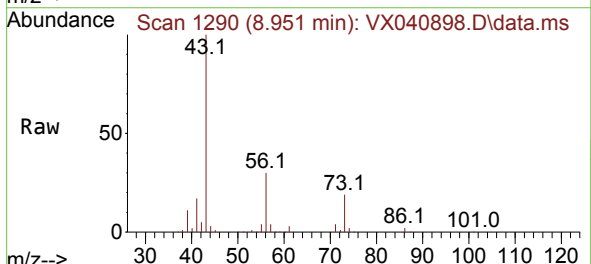
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

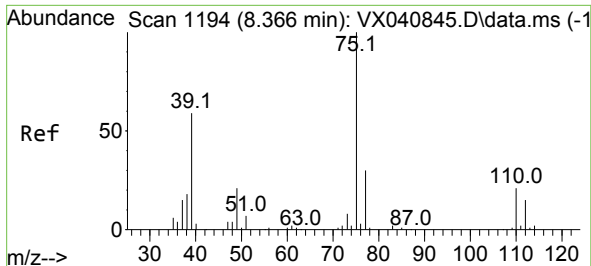
Tgt Ion: 43 Resp: 30062
Ion Ratio Lower Upper
43 100
58 7.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.958 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 75 Resp: 201
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

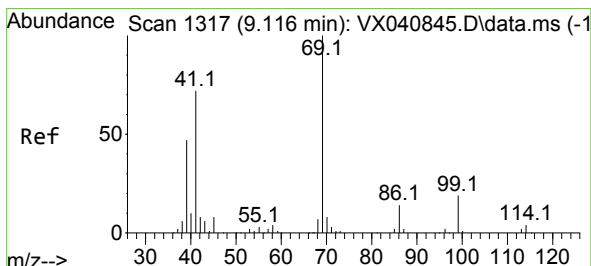
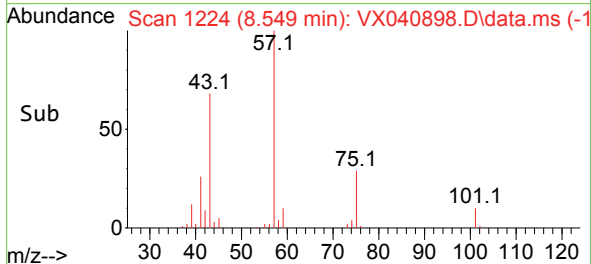
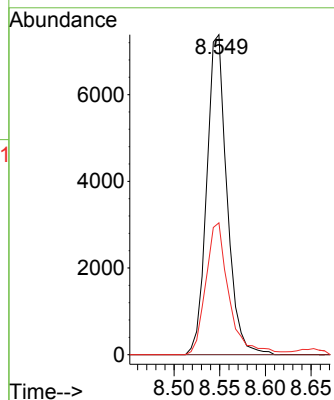
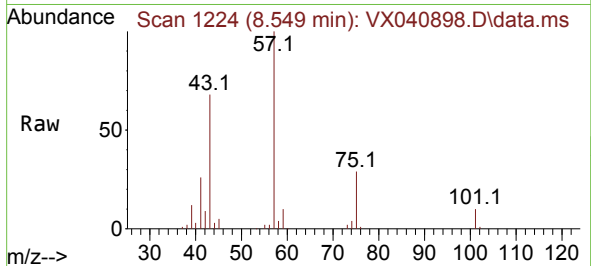




#54
 cis-1,3-Dichloropropene
 Concen: 12.135 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040898.D
 Acq: 05 Apr 2024 13:07

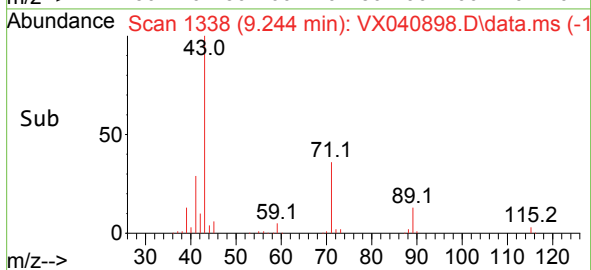
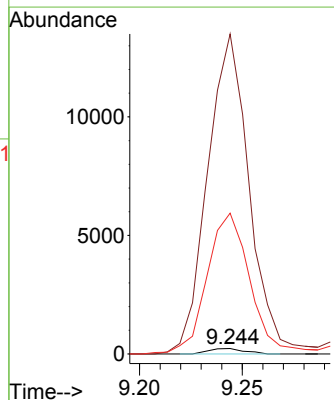
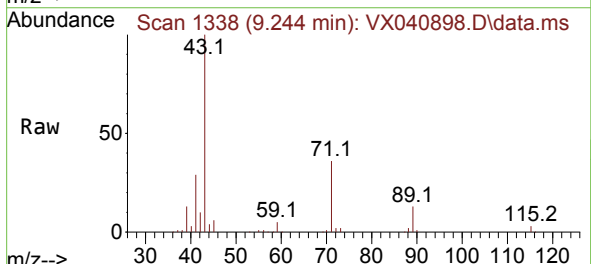
Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#06

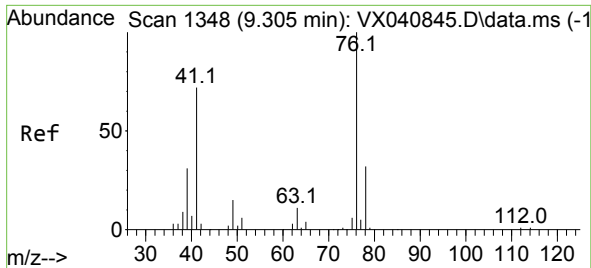
Tgt Ion: 75 Resp: 11343
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 41.2 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.281 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX040898.D
 Acq: 05 Apr 2024 13:07

Tgt Ion: 69 Resp: 275
 Ion Ratio Lower Upper
 69 100
 41 6970.9 56.8 85.2#
 39 3160.4 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.518 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

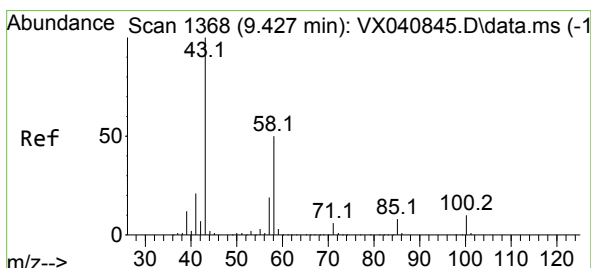
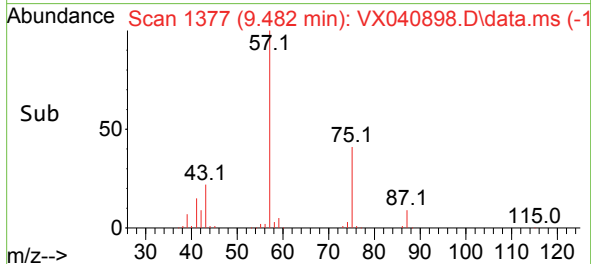
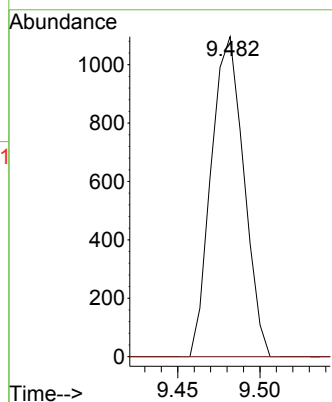
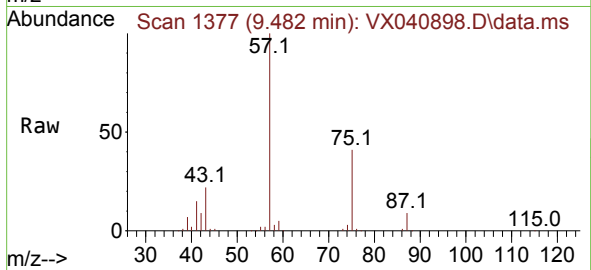
PB160019ZHE#06

Tgt Ion: 76 Resp: 1514

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 39.626 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX040898.D

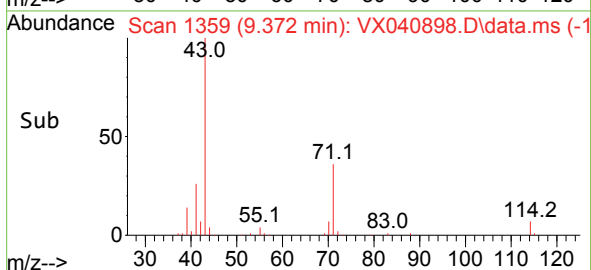
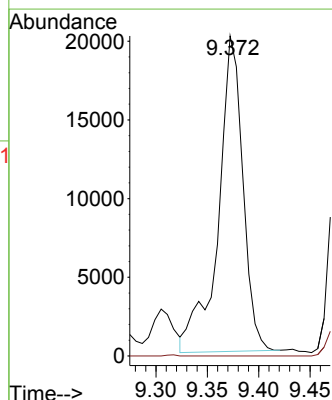
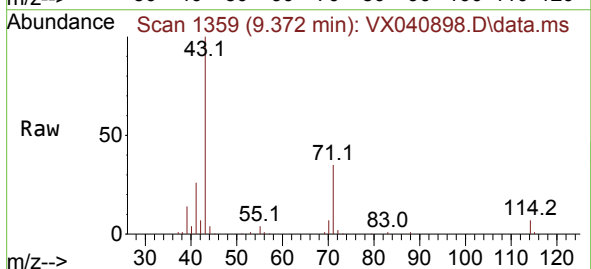
Acq: 05 Apr 2024 13:07

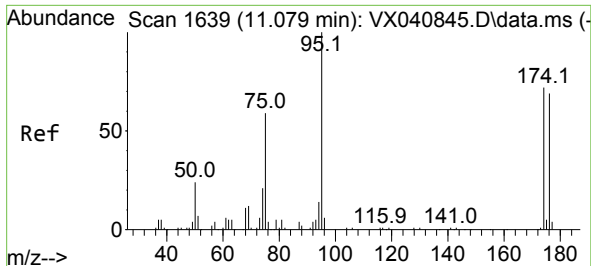
Tgt Ion: 43 Resp: 33351

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

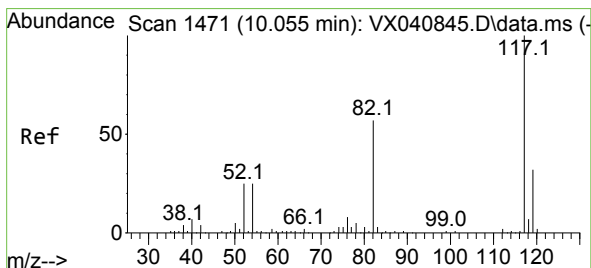
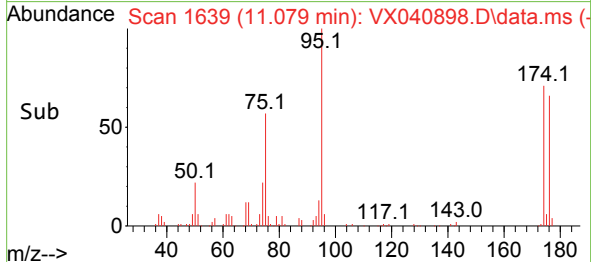
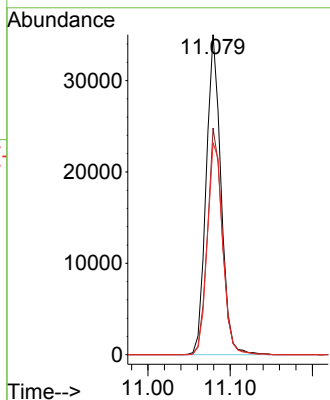
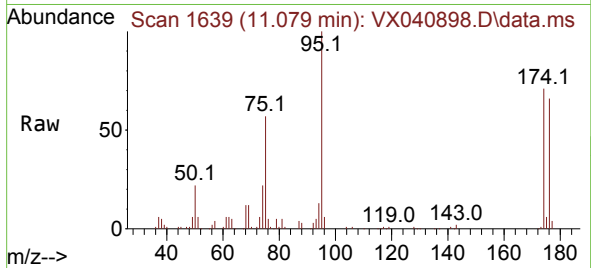




#62
4-Bromofluorobenzene
Concen: 51.463 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

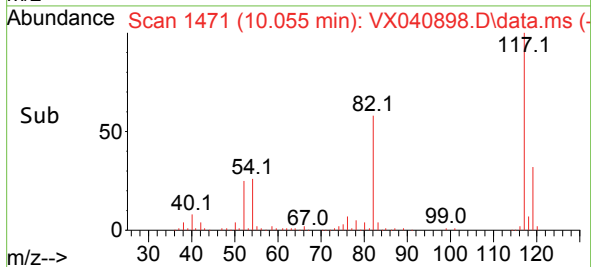
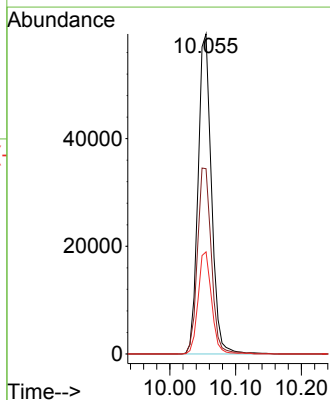
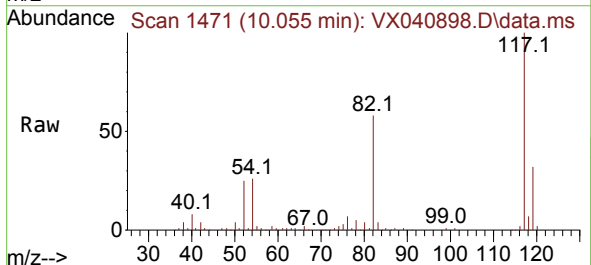
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#06

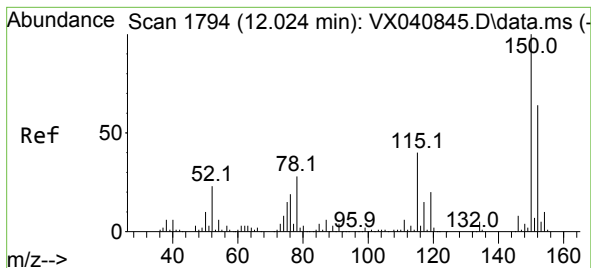
Tgt Ion: 95 Resp: 43604
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 68.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040898.D
Acq: 05 Apr 2024 13:07

Tgt Ion: 117 Resp: 84161
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040898.D

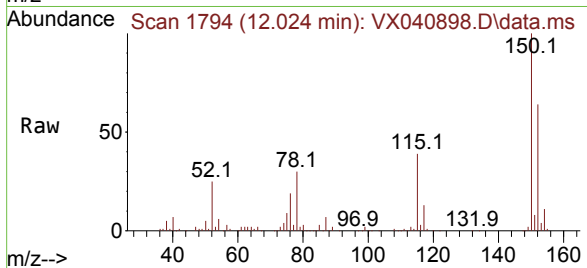
Acq: 05 Apr 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

PB160019ZHE#06



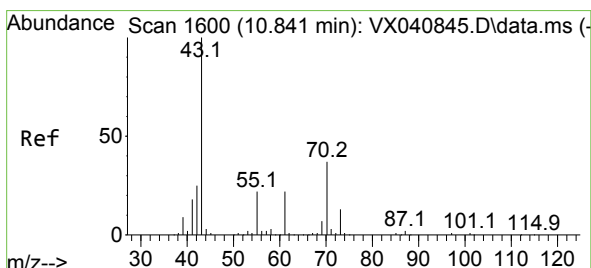
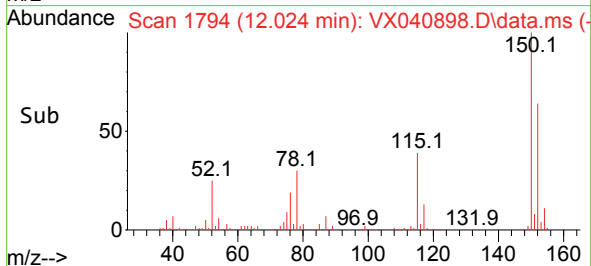
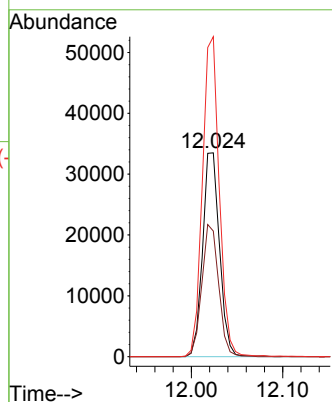
Tgt Ion:152 Resp: 42945

Ion Ratio Lower Upper

152 100

115 64.5 43.3 129.9

150 156.8 0.0 345.0



#74

N-ethyl acetate

Concen: 0.225 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. -0.031 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Tgt Ion: 43 Resp: 342

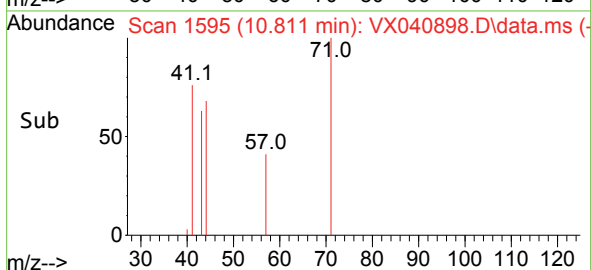
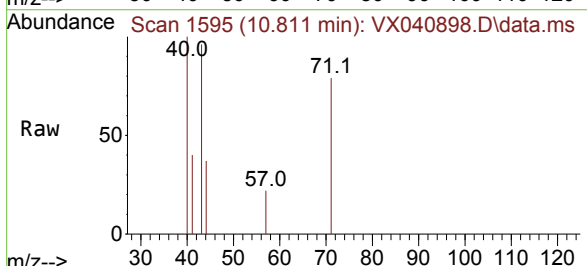
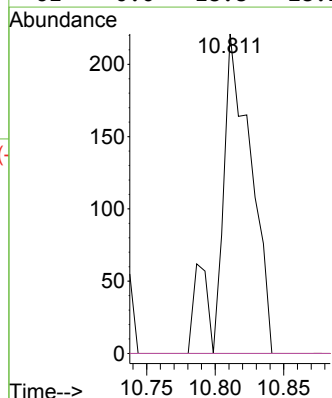
Ion Ratio Lower Upper

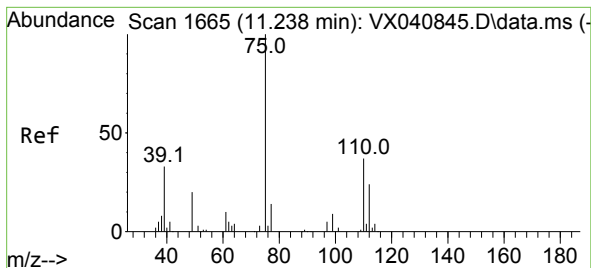
43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 28.070 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

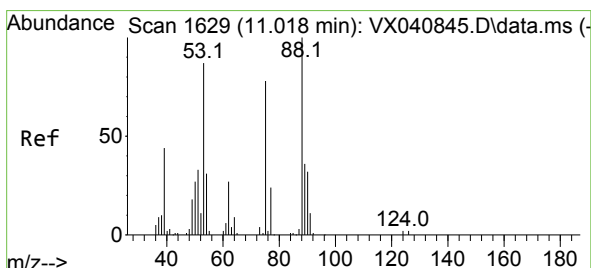
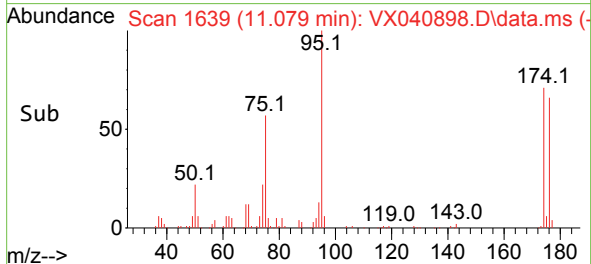
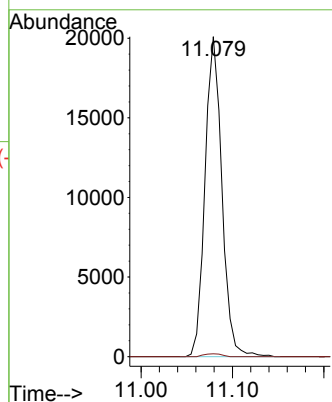
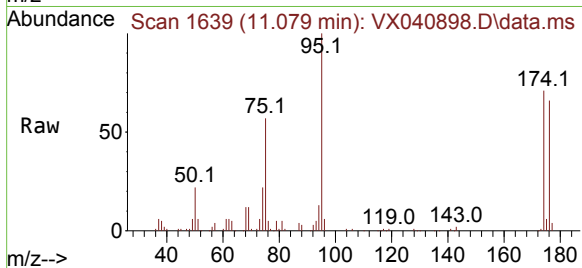
PB160019ZHE#06

Tgt Ion: 75 Resp: 25705

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.732 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040898.D

Acq: 05 Apr 2024 13:07

Tgt Ion: 75 Resp: 25705

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

