

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040895.D
 Acq On : 05 Apr 2024 11:59
 Operator : JC/MD
 Sample : PB160019ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB160019ZHE#03

Quant Time: Apr 05 23:18:32 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)

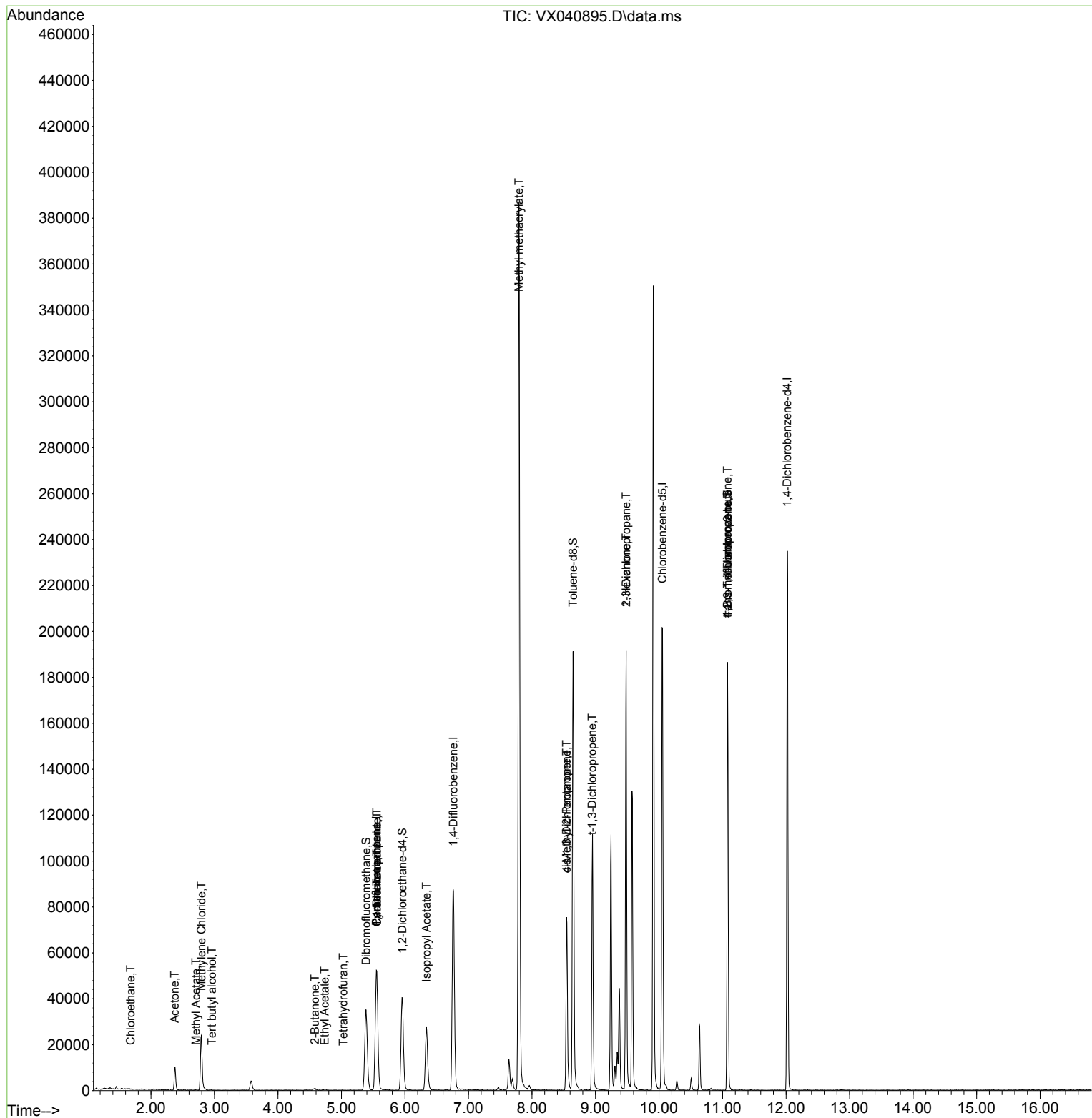
Internal Standards						
1) Pentafluorobenzene	5.550	168	46652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42059	50.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.500%	
35) Dibromofluoromethane	5.385	113	29696	49.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.220%	
50) Toluene-d8	8.647	98	110605	50.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	11.079	95	45381	52.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.000%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	168	0.462	ug/l #	43
11) Tert butyl alcohol	2.959	59	346	2.264	ug/l #	78
16) Acetone	2.373	43	10853	33.391	ug/l	98
18) Methyl Acetate	2.709	43	397	0.515	ug/l #	65
20) Methylene Chloride	2.794	84	11342	18.830	ug/l	96
25) 2-Butanone	4.580	43	1218	2.523	ug/l #	57
29) Tetrahydrofuran	5.025	42	63	0.201	ug/l #	34
31) Cyclohexane	5.556	56	1314	1.479	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	4276	4.976	ug/l #	50
37) Ethyl Acetate	4.733	43	1109	1.051	ug/l #	71
38) Carbon Tetrachloride	5.556	117	5040	5.298	ug/l #	15
43) Isopropyl Acetate	6.336	43	38357	23.540	ug/l	95
48) Methyl methacrylate	7.793	41	36728	46.030	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	29842	27.610	ug/l #	46
53) t-1,3-Dichloropropene	8.945	75	183	0.934	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	11193	11.627	ug/l #	69
57) 1,3-Dichloropropane	9.482	76	1512	1.472	ug/l #	42
59) 2-Hexanone	9.482	43	24523	28.291	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	27258	28.694	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	27258	77.416	ug/l #	5

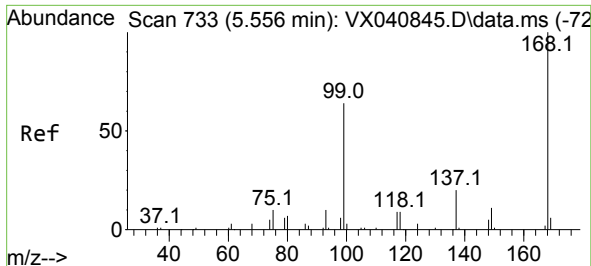
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX040895.D
Acq On : 05 Apr 2024 11:59
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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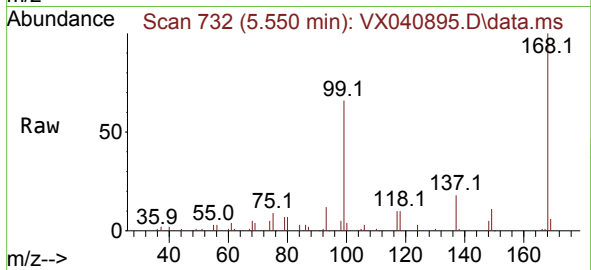
Quant Time: Apr 05 23:18:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:40:55 2024
Response via : Initial Calibration



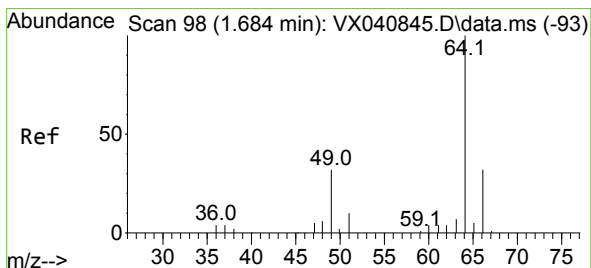
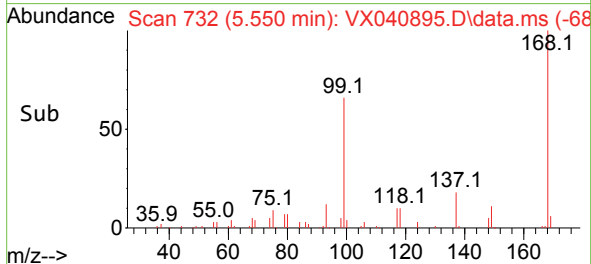
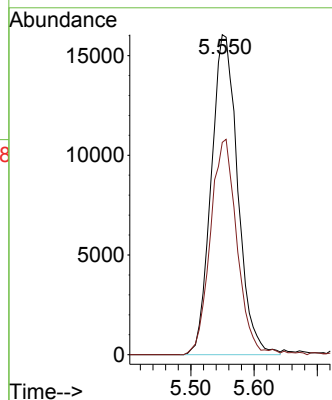


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

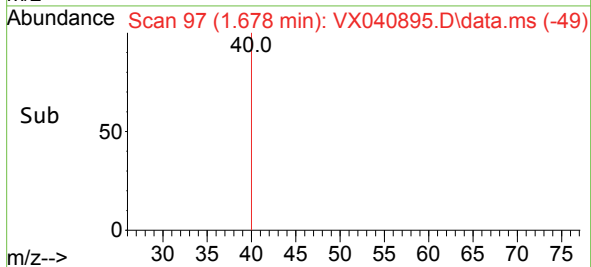
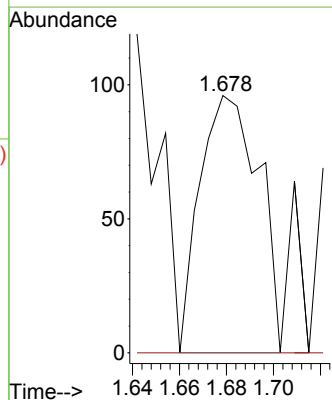
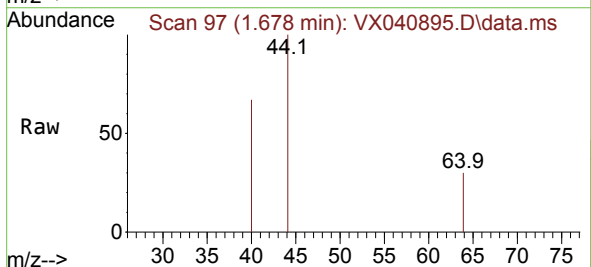


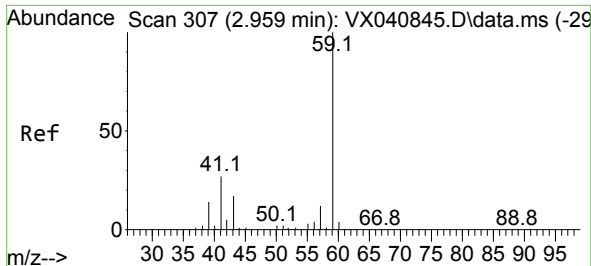
Tgt Ion:168 Resp: 46652
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#6
Chloroethane
Concen: 0.462 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

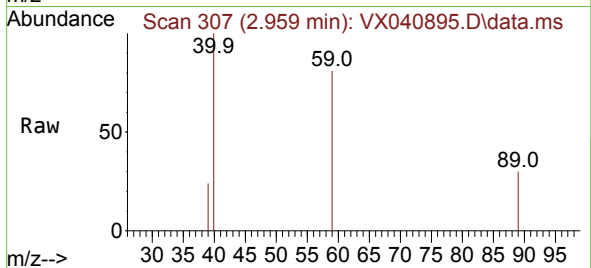
Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



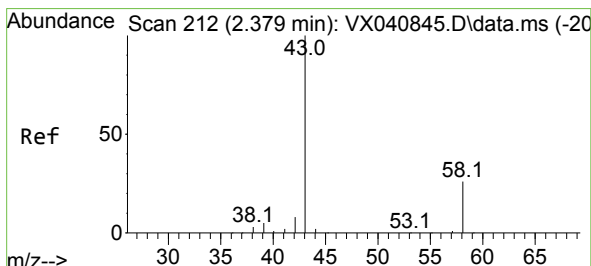
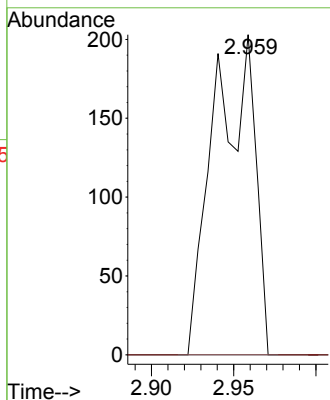
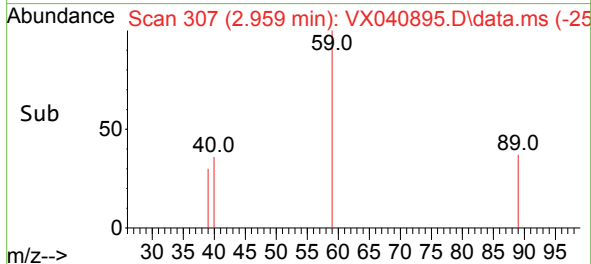


#11
Tert butyl alcohol
Concen: 2.264 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

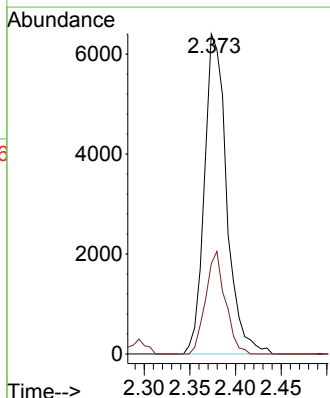
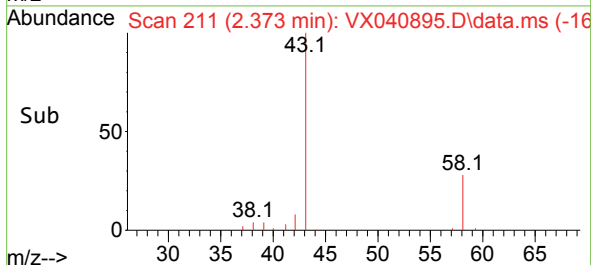
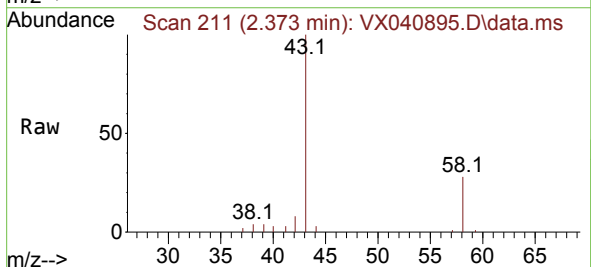


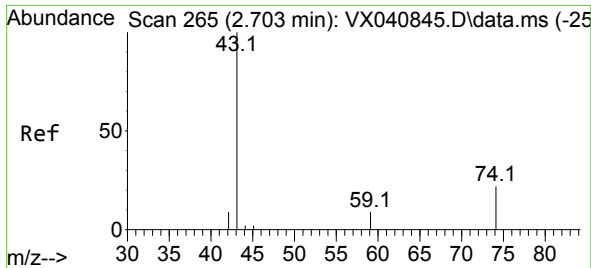
Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 33.391 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 43 Resp: 10853
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9





#18

Methyl Acetate

Concen: 0.515 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX040895.D

Acq: 05 Apr 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

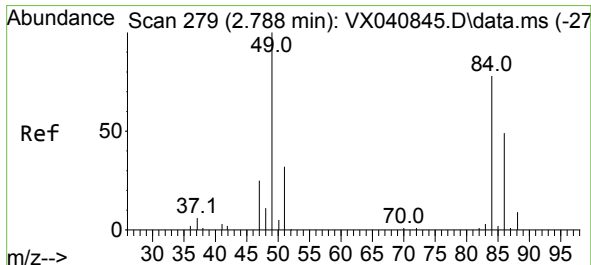
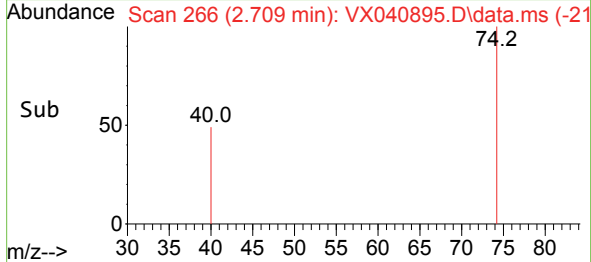
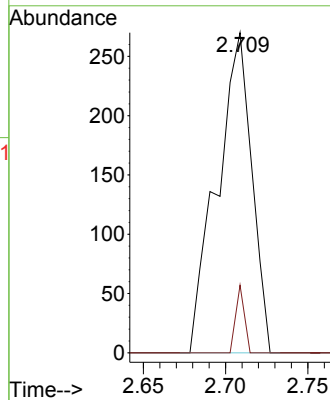
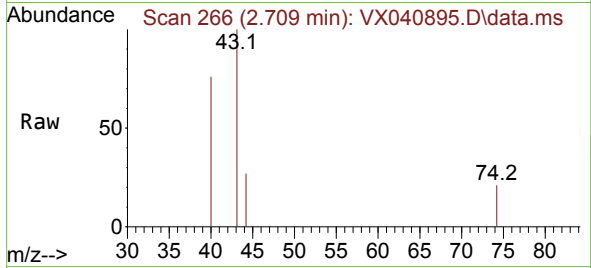
PB160019ZHE#03

Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

74 5.3 17.8 26.8#



#20

Methylene Chloride

Concen: 18.830 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040895.D

Acq: 05 Apr 2024 11:59

Tgt Ion: 84 Resp: 11342

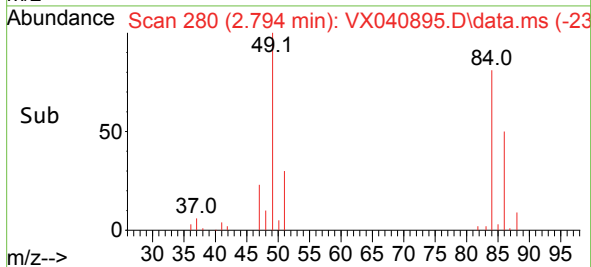
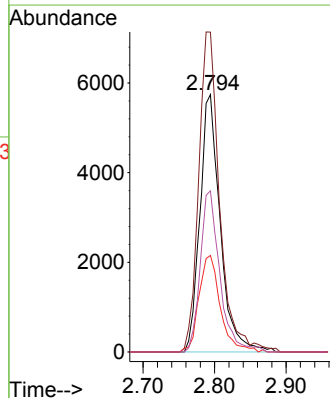
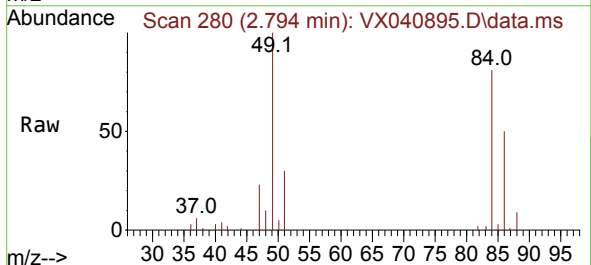
Ion Ratio Lower Upper

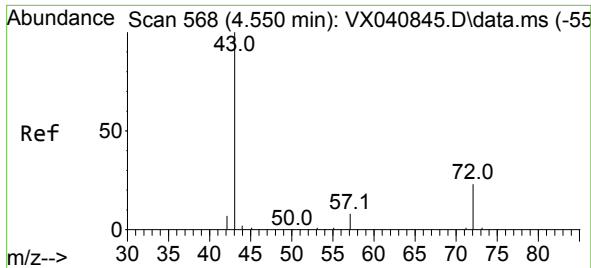
84 100

49 124.2 103.6 155.4

51 37.5 33.8 50.6

86 62.6 49.4 74.0

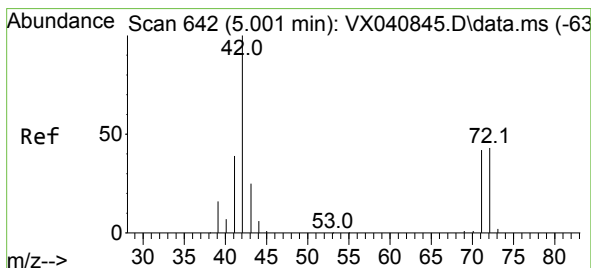
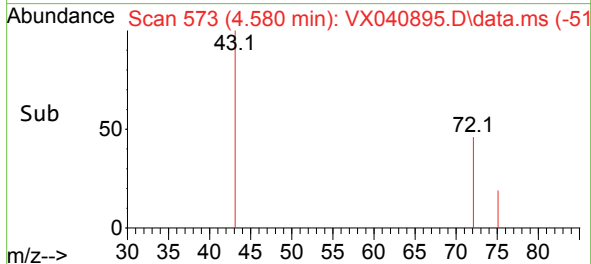
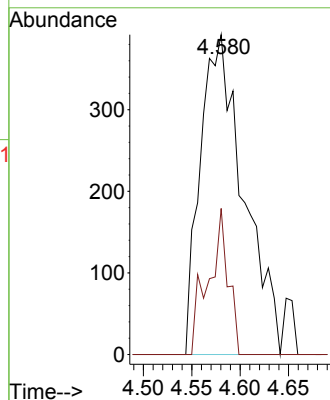
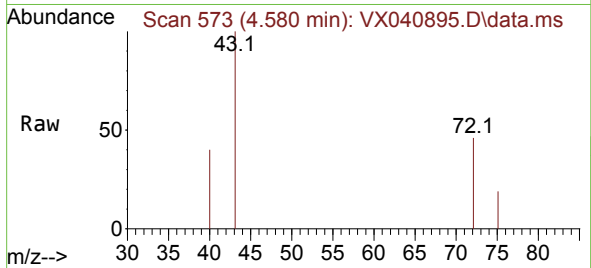




#25
2-Butanone
Concen: 2.523 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

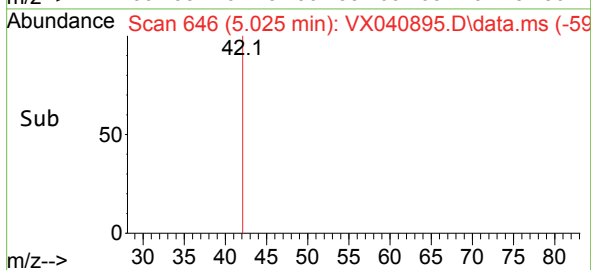
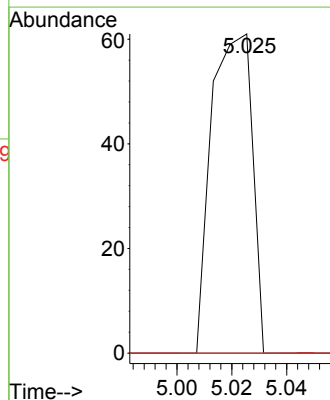
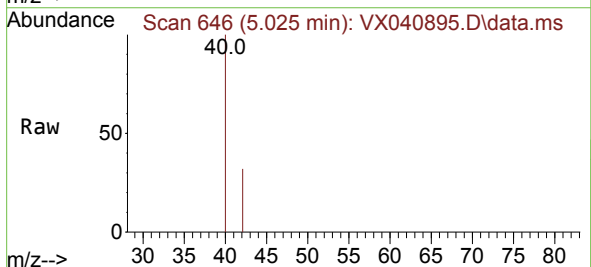
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

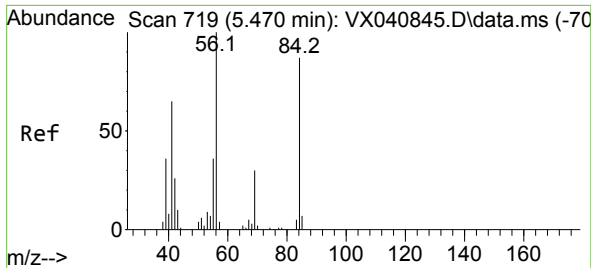
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
72 45.7 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

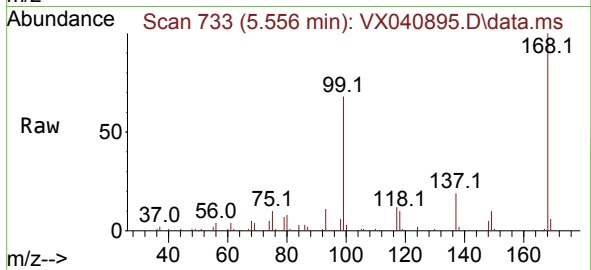
Tgt Ion: 42 Resp: 63
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



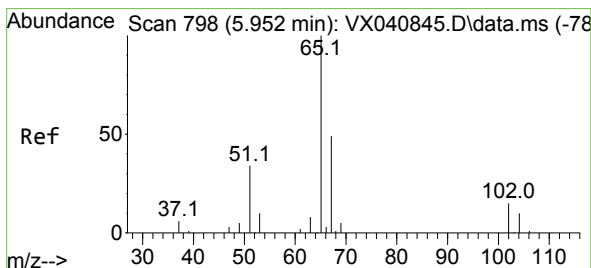
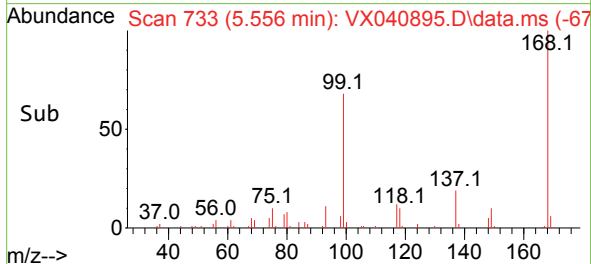
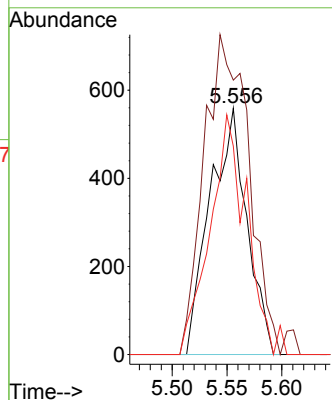


#31
Cyclohexane
Concen: 1.479 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

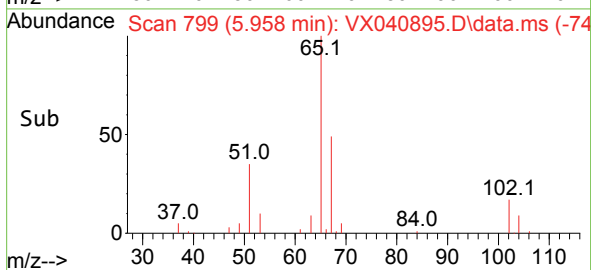
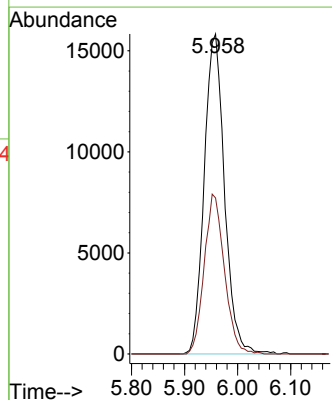
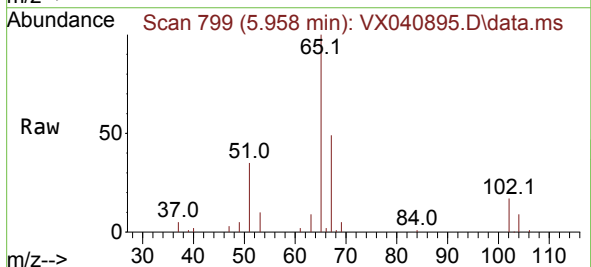


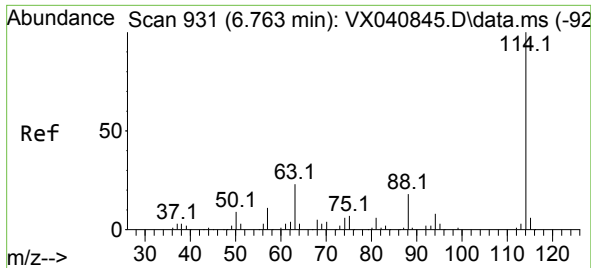
Tgt Ion: 56 Resp: 1314
Ion Ratio Lower Upper
56 100
69 111.4 23.4 35.2#
84 84.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.246 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 65 Resp: 42059
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.2

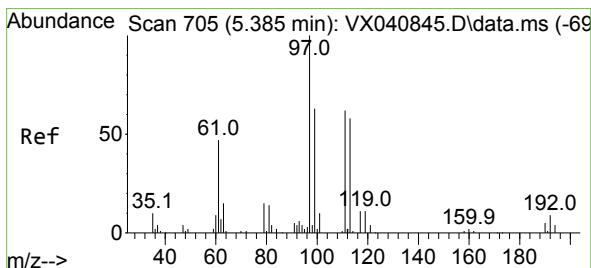
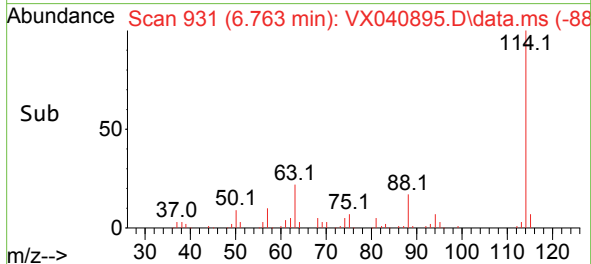
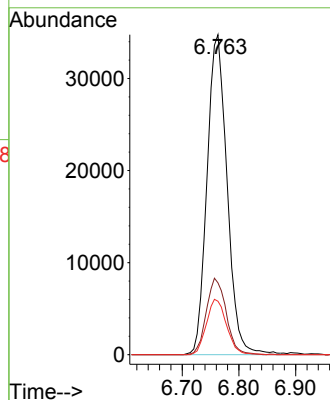
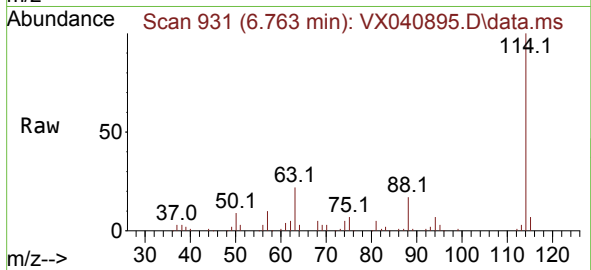




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

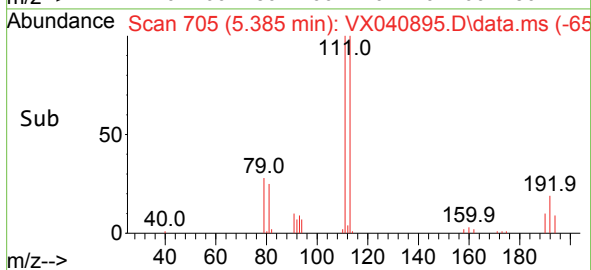
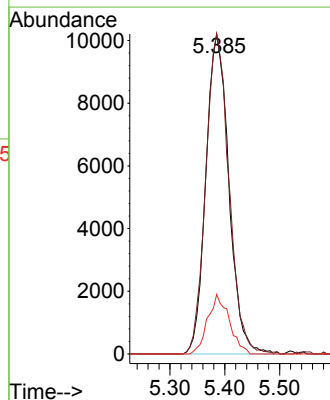
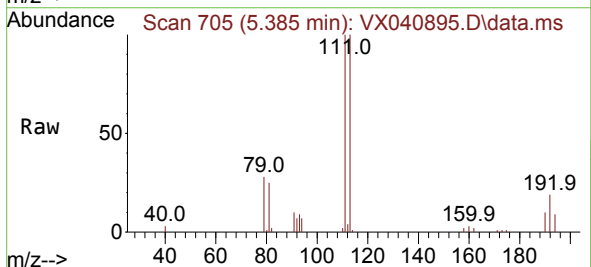
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

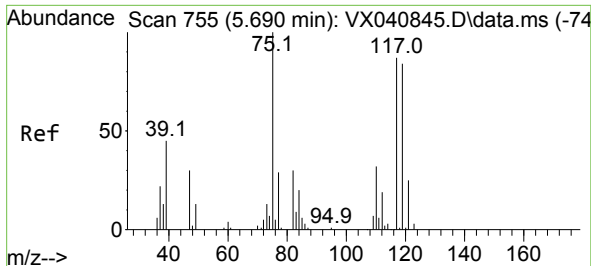
Tgt Ion:114 Resp: 85377
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.107 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

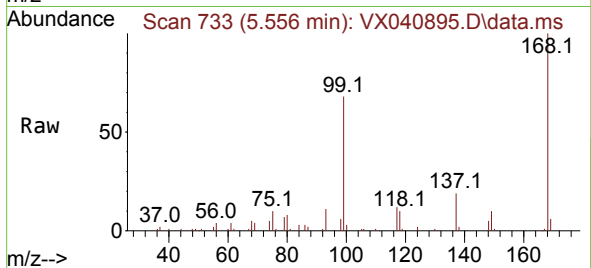
Tgt Ion:113 Resp: 29696
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 17.4 13.3 19.9



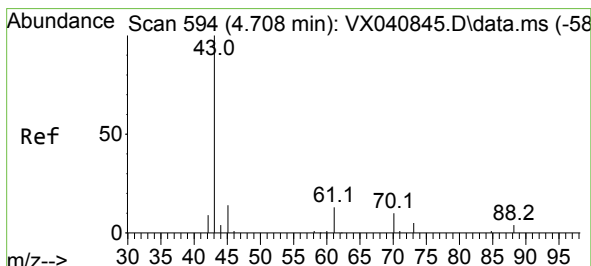
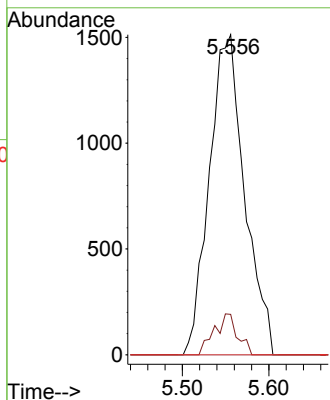
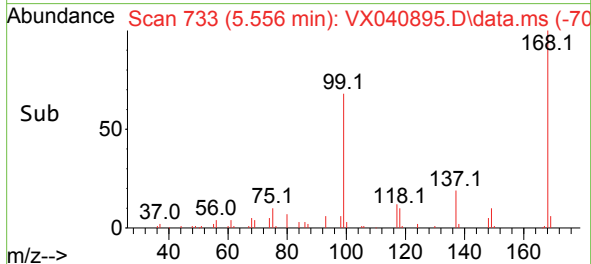


#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

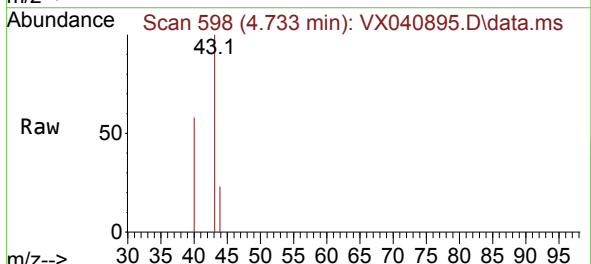
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03



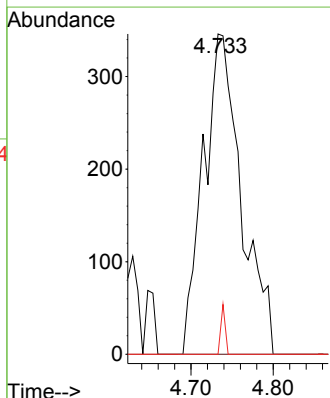
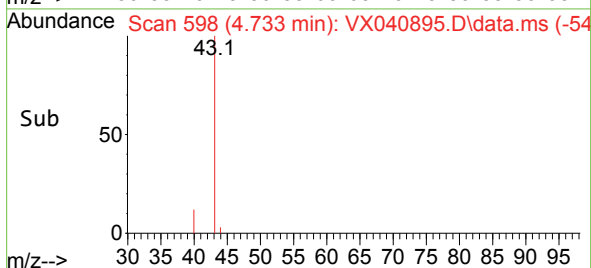
Tgt Ion: 75 Resp: 4276
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#

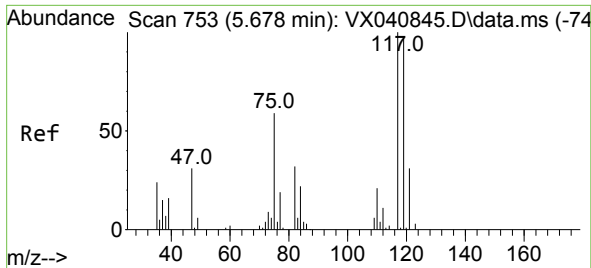


#37
Ethyl Acetate
Concen: 1.051 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.024 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59



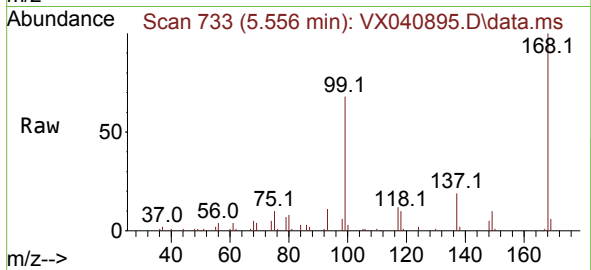
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 1.8 8.3 12.5#



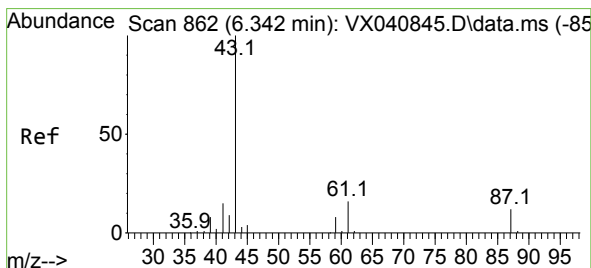
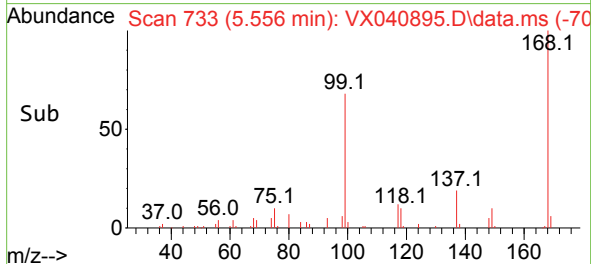
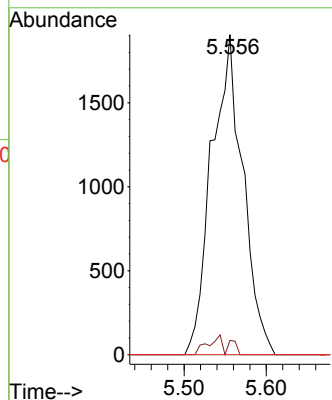


#38
Carbon Tetrachloride
Concen: 5.298 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

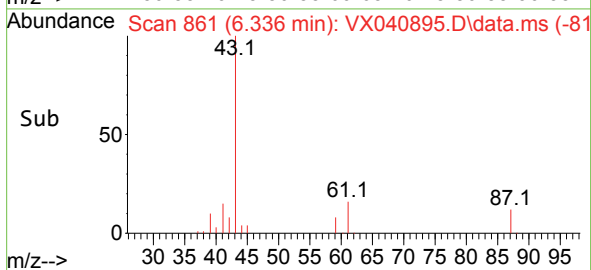
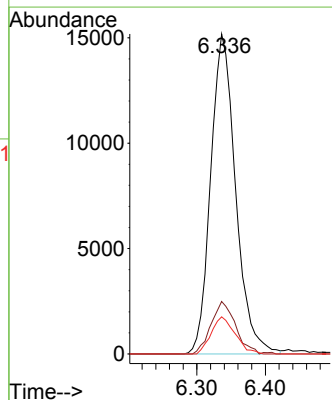
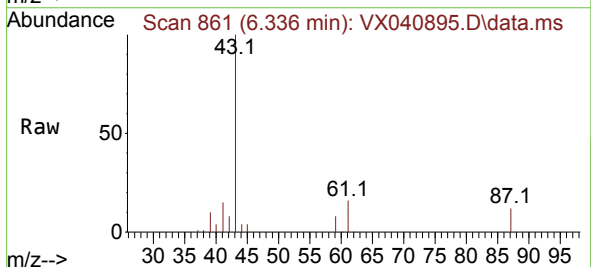


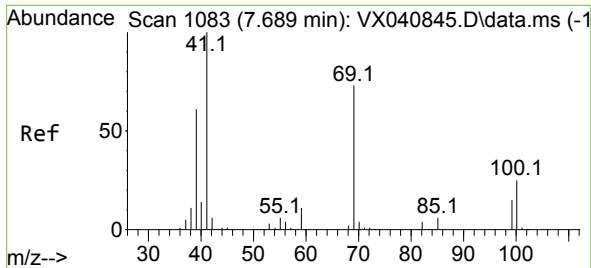
Tgt Ion:117 Resp: 5040
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 23.540 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 43 Resp: 38357
Ion Ratio Lower Upper
43 100
61 16.1 15.2 22.8
87 11.1 9.8 14.6

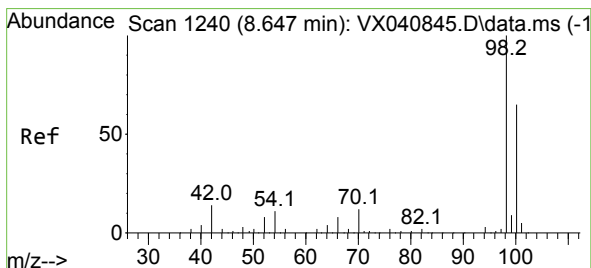
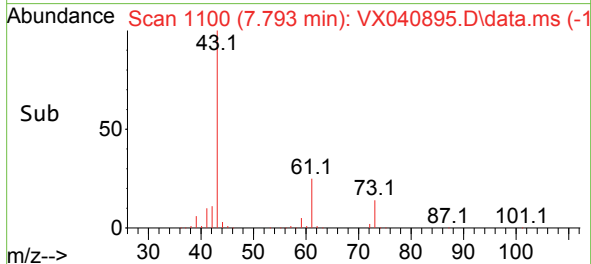
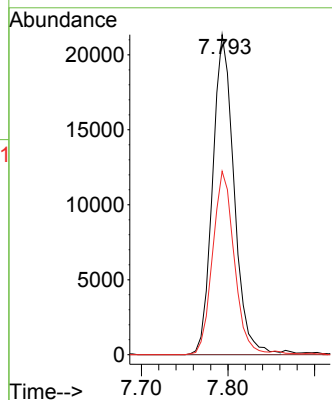
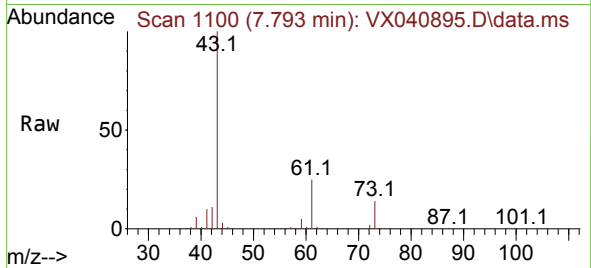




#48
Methyl methacrylate
Concen: 46.030 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

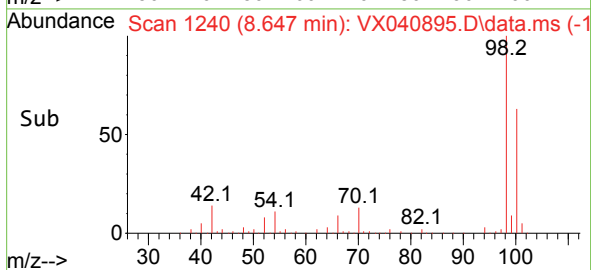
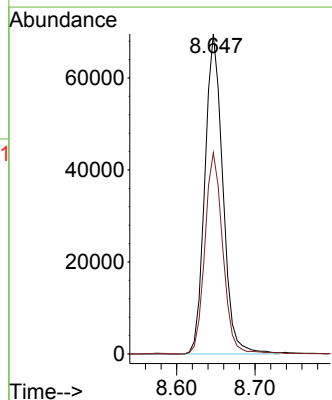
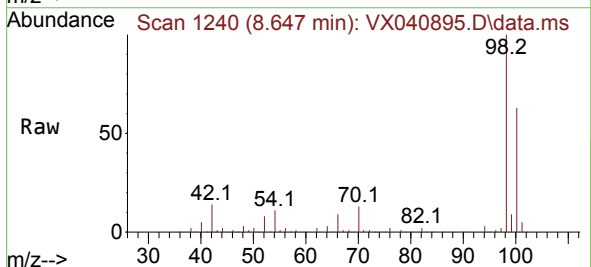
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

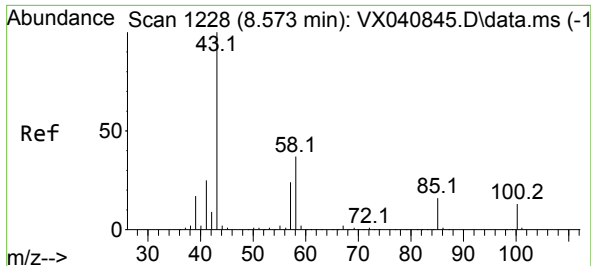
Tgt Ion: 41 Resp: 36728
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 57.9 47.7 71.5



#50
Toluene-d8
Concen: 50.616 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 98 Resp: 110605
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

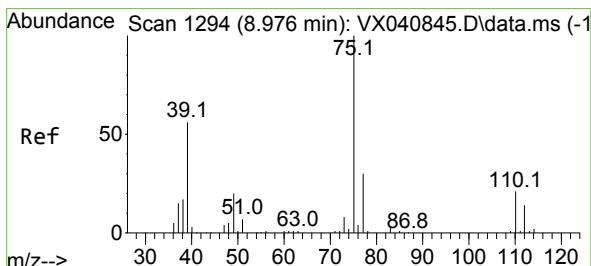
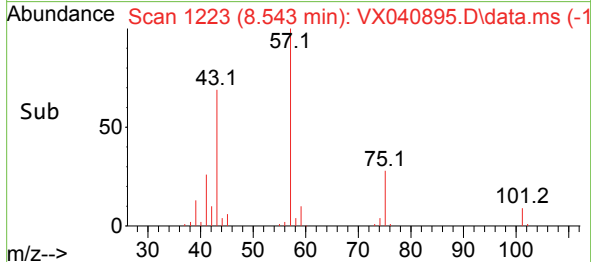
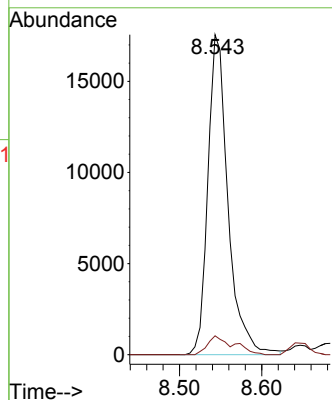
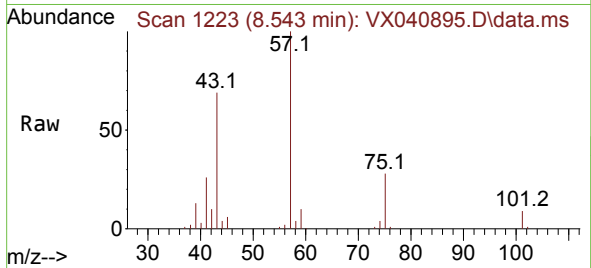




#51
4-Methyl-2-Pentanone
Concen: 27.610 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

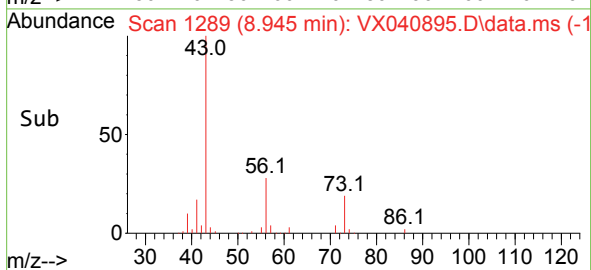
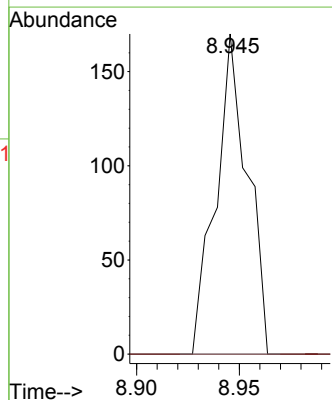
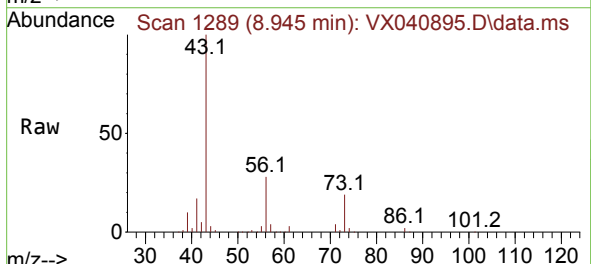
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

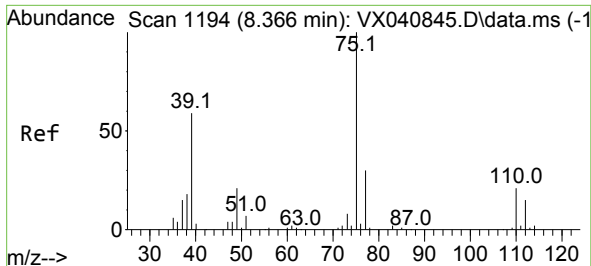
Tgt Ion: 43 Resp: 29842
Ion Ratio Lower Upper
43 100
58 5.3 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.934 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

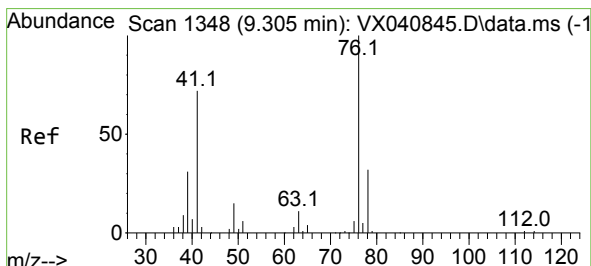
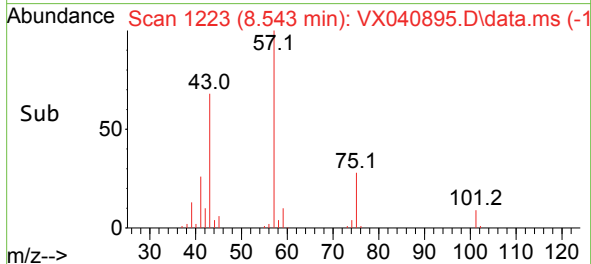
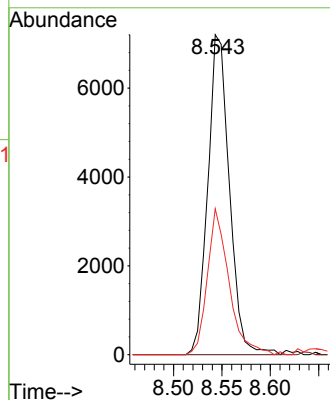
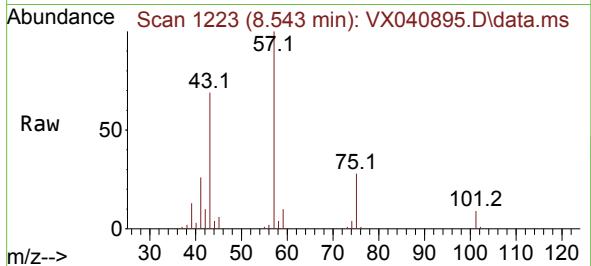




#54
cis-1,3-Dichloropropene
Concen: 11.627 ug/l
RT: 8.543 min Scan# 1193
Delta R.T. 0.177 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

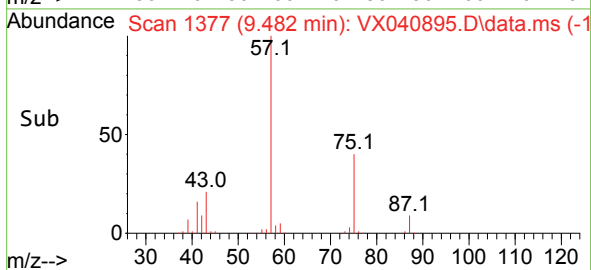
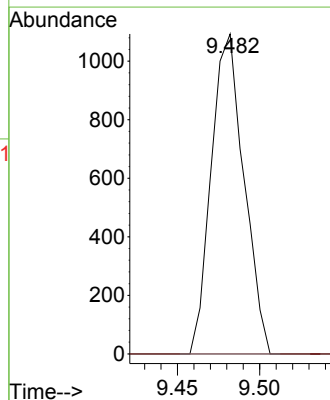
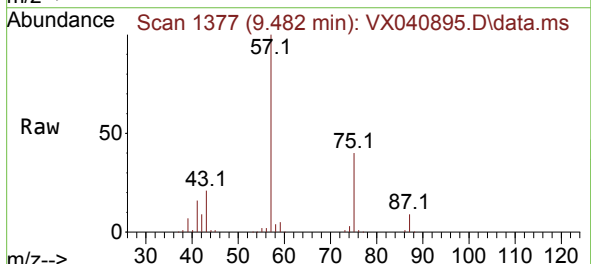
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

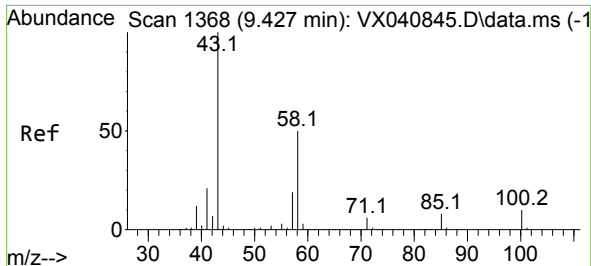
Tgt Ion: 75 Resp: 11193
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 45.6 46.7 70.1#



#57
1,3-Dichloropropane
Concen: 1.472 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 76 Resp: 1512
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

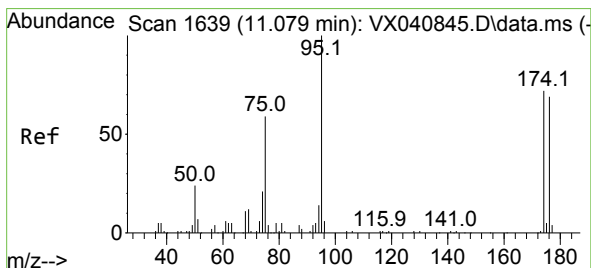
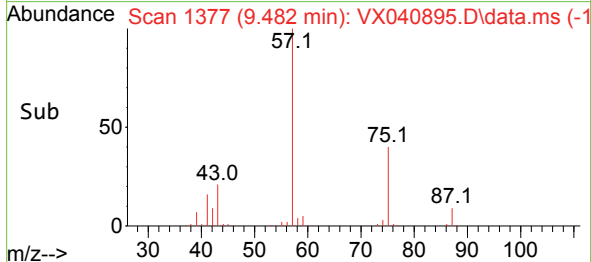
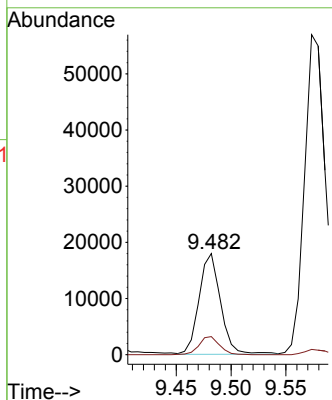
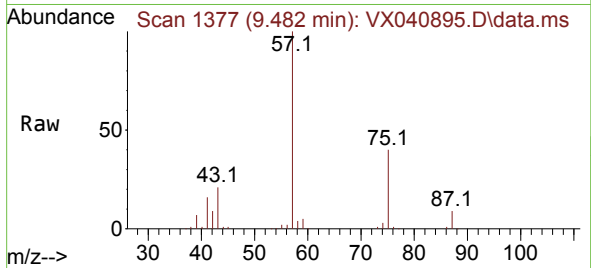




#59
2-Hexanone
Concen: 28.291 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

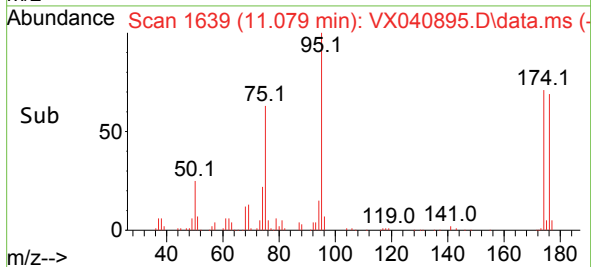
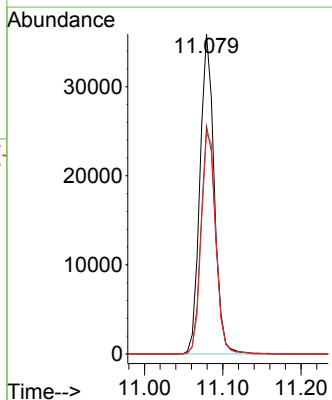
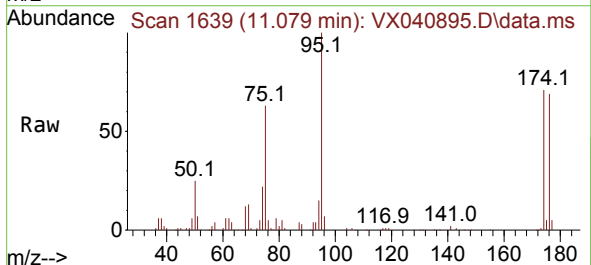
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

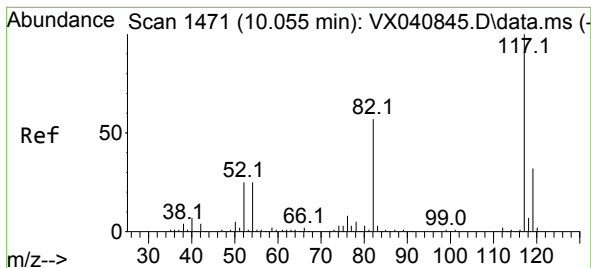
Tgt Ion: 43 Resp: 24523
Ion Ratio Lower Upper
43 100
58 17.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 52.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion: 95 Resp: 45381
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.9 0.0 131.0

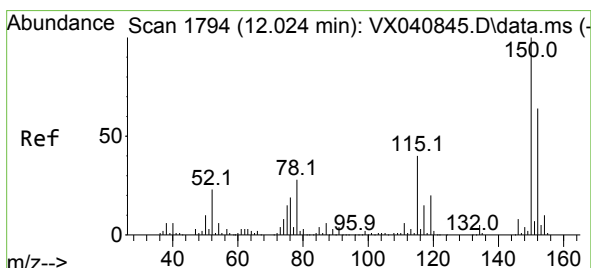
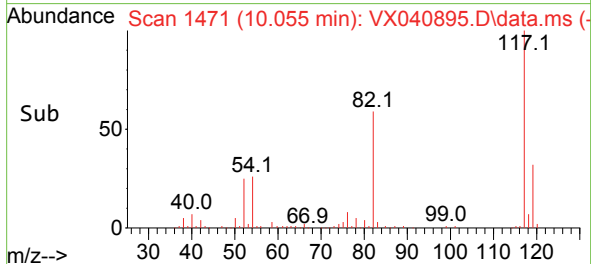
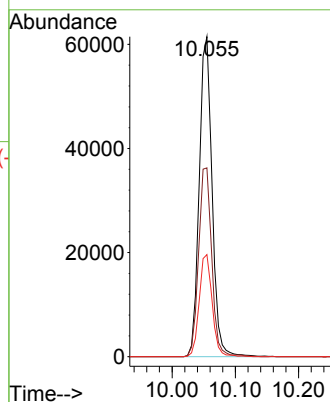
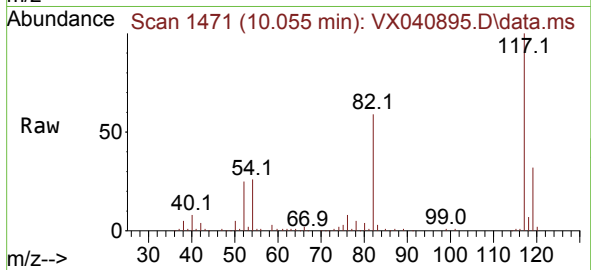




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

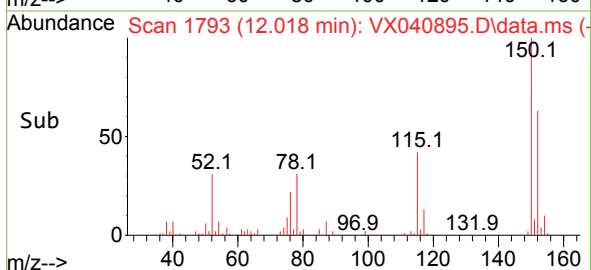
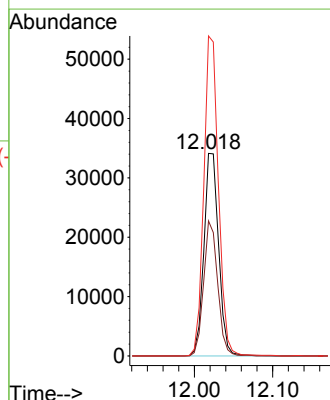
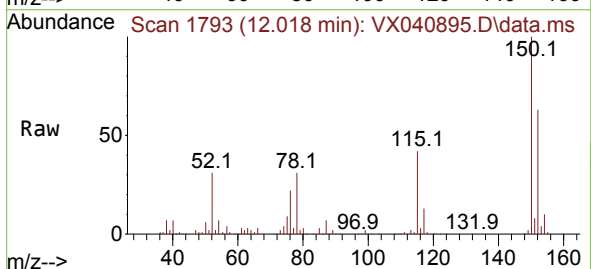
Instrument :
MSVOA_X
ClientSampleId :
PB160019ZHE#03

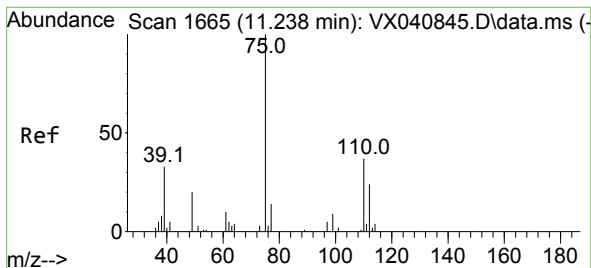
Tgt Ion:117 Resp: 86968
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040895.D
Acq: 05 Apr 2024 11:59

Tgt Ion:152 Resp: 44549
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040895.D

Acq: 05 Apr 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

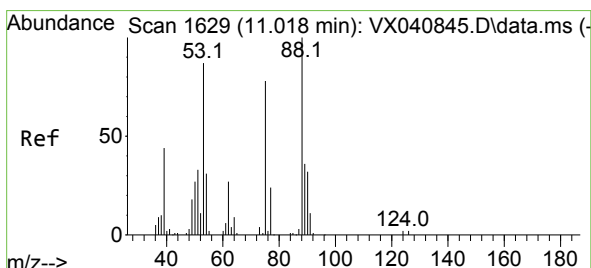
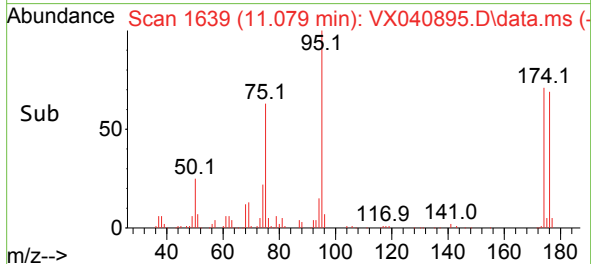
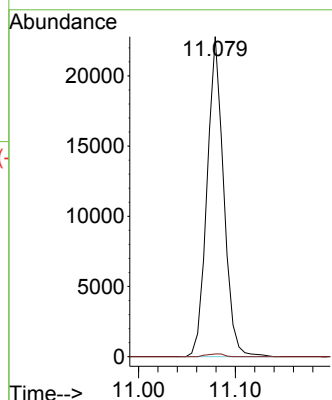
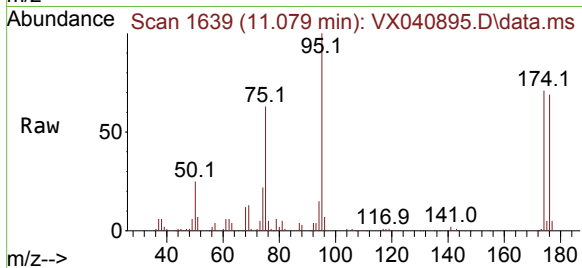
PB160019ZHE#03

Tgt Ion: 75 Resp: 27258

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.416 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040895.D

Acq: 05 Apr 2024 11:59

Tgt Ion: 75 Resp: 27258

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

