

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026596.D
 Acq On : 26 Jan 2022 15:52
 Operator : JC/MD
 Sample : PB142265ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#06

Quant Time: Jan 27 07:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

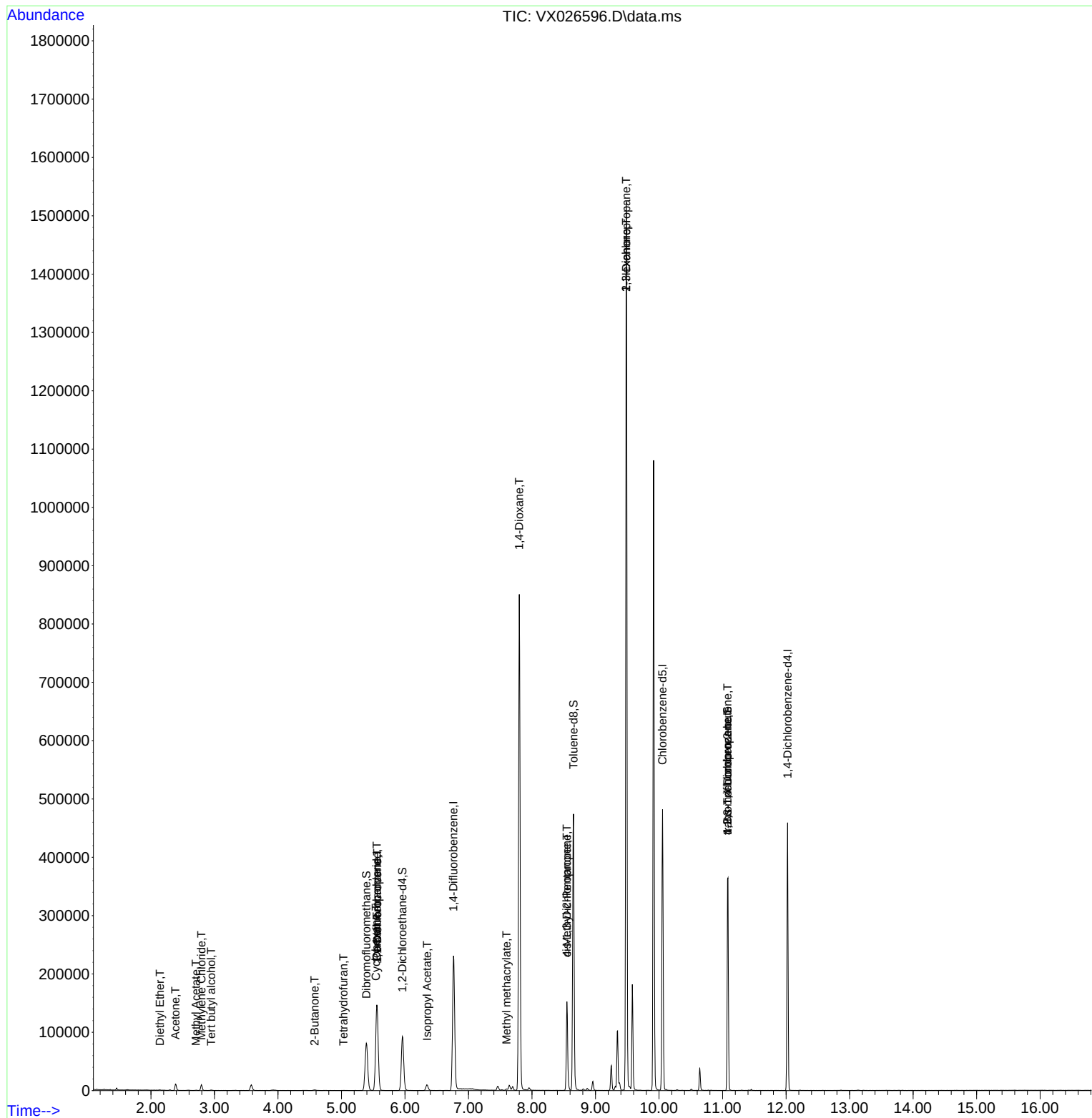
Internal Standards						
1) Pentafluorobenzene	5.556	168	137198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90621	47.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.560%
35) Dibromofluoromethane	5.391	113	72525	48.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.653	98	277473	51.100	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.079	95	104250	54.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.100%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.141	74	236	0.271	ug/l	83
11) Tert butyl alcohol	2.946	59	576	2.160	ug/l #	75
16) Acetone	2.385	43	13300	13.608	ug/l	95
18) Methyl Acetate	2.708	43	838	0.431	ug/l #	77
20) Methylene Chloride	2.794	84	4333	2.683	ug/l	95
25) 2-Butanone	4.574	43	1956	1.539	ug/l #	85
29) Tetrahydrofuran	5.031	42	180	0.238	ug/l #	34
31) Cyclohexane	5.543	56	2894	1.024	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	10764	4.525	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14543	5.944	ug/l #	16
43) Isopropyl Acetate	6.348	43	13862	3.566	ug/l	98
48) Methyl methacrylate	7.598	41	4171	2.165	ug/l #	16
49) 1,4-Dioxane	7.799	88	80	2.531	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	51734	22.439	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	23348	9.299	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	13467	4.937	ug/l #	43
59) 2-Hexanone	9.482	43	190173	107.773	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	52031	25.483	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	52031	77.362	ug/l #	3

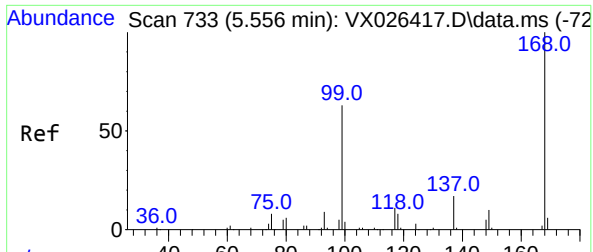
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 27 07:24:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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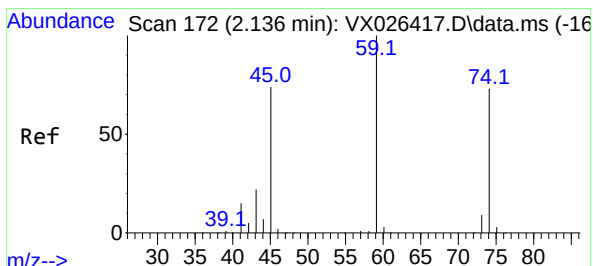
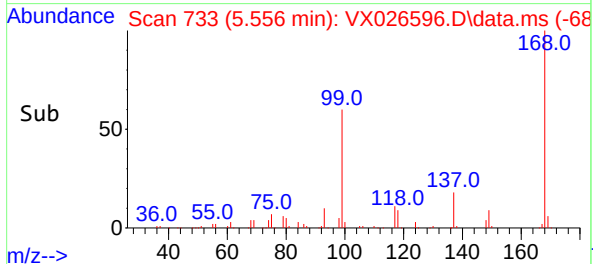
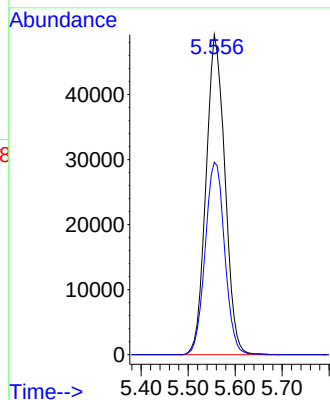
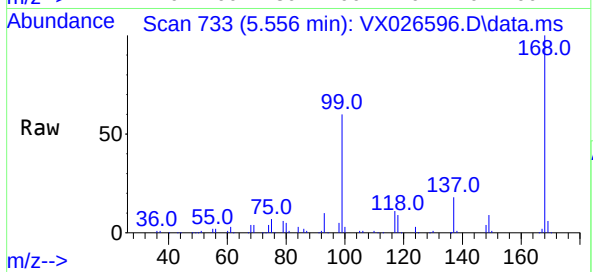




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

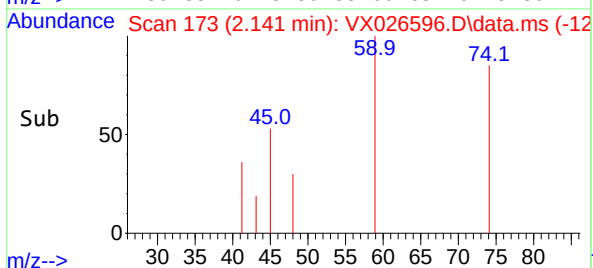
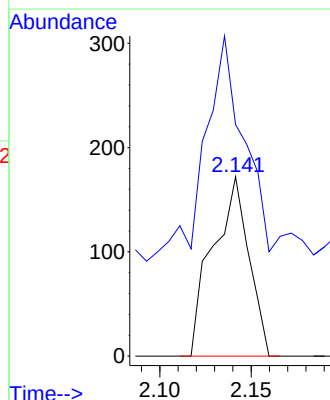
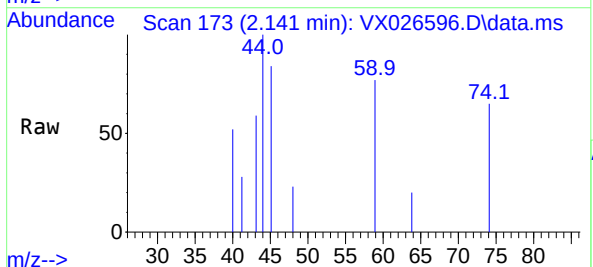
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

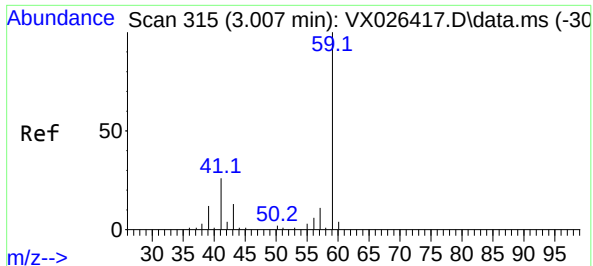
Tgt Ion:168 Resp: 137198
Ion Ratio Lower Upper
168 100
99 60.1 50.3 75.5



#8
Diethyl Ether
Concen: 0.271 ug/l
RT: 2.141 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 74 Resp: 236
Ion Ratio Lower Upper
74 100
45 118.2 50.7 152.1

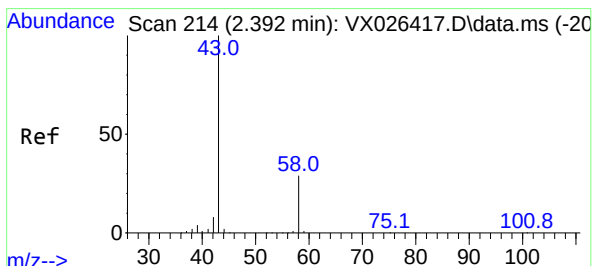
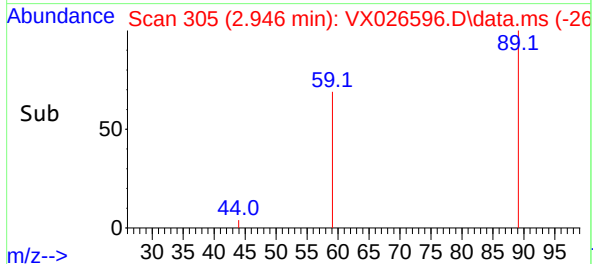
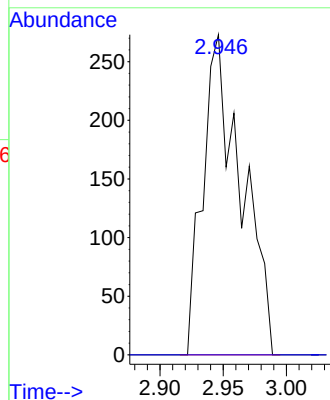
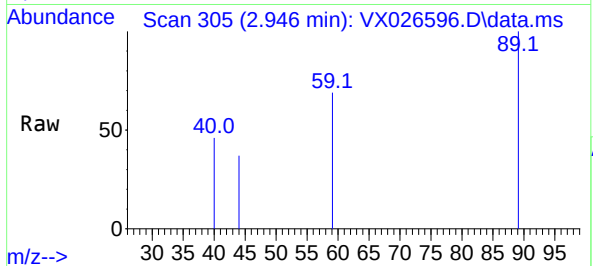




#11
Tert butyl alcohol
Concen: 2.160 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

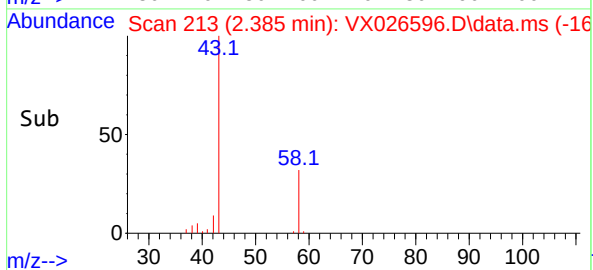
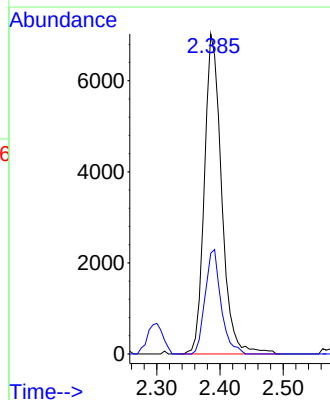
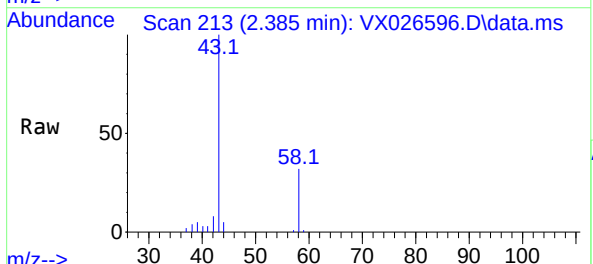
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

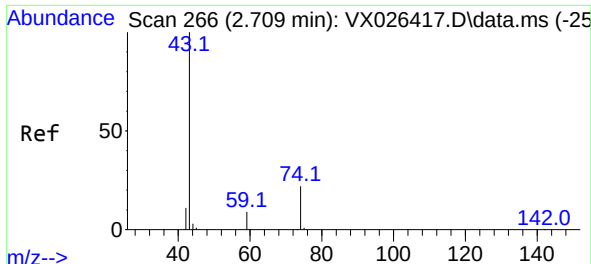
Tgt Ion: 59 Resp: 576
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 13.608 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 43 Resp: 13300
Ion Ratio Lower Upper
43 100
58 31.5 23.0 34.6

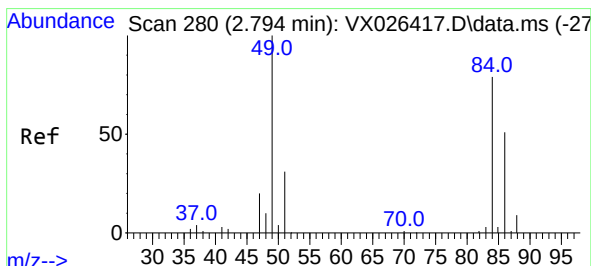
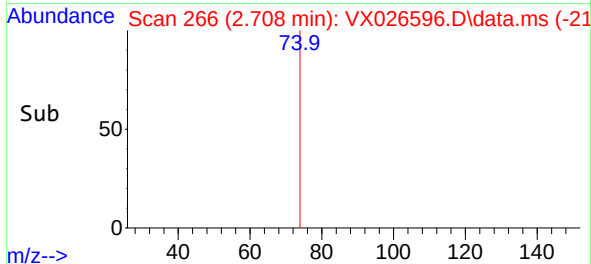
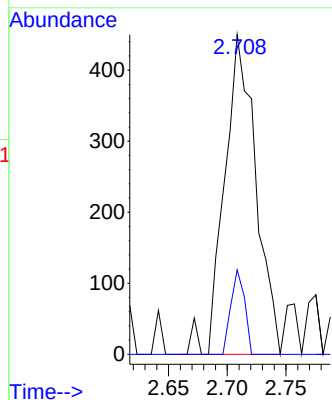
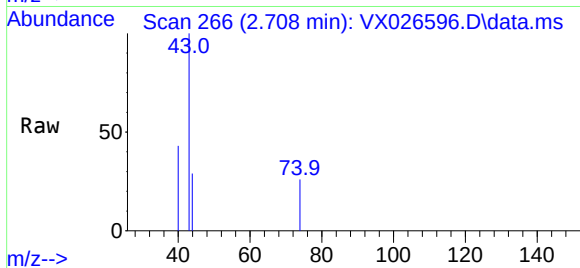




#18
Methyl Acetate
Concen: 0.431 ug/l
RT: 2.708 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

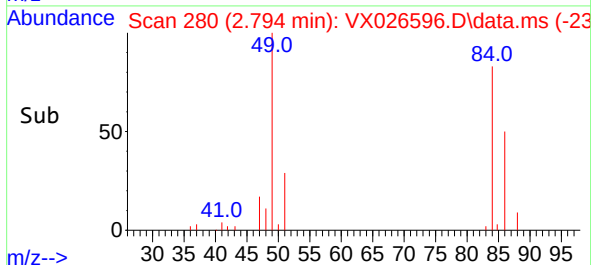
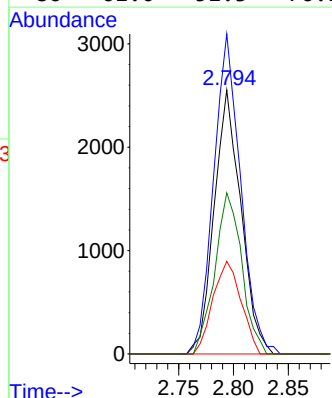
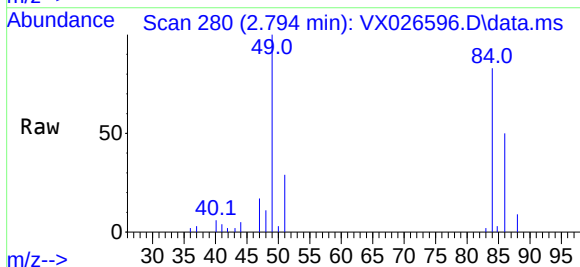
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

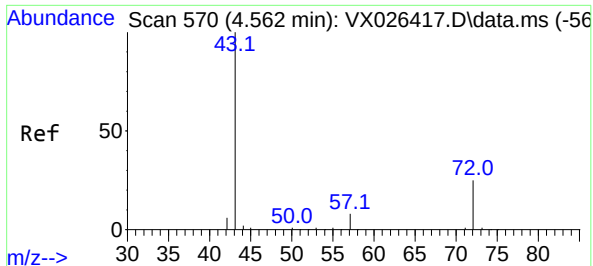
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
74 11.6 18.3 27.5#



#20
Methylene Chloride
Concen: 2.683 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 84 Resp: 4333
Ion Ratio Lower Upper
84 100
49 121.2 101.5 152.3
51 35.1 31.2 46.8
86 61.0 51.3 76.9





#25

2-Butanone

Concen: 1.539 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026596.D

Acq: 26 Jan 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

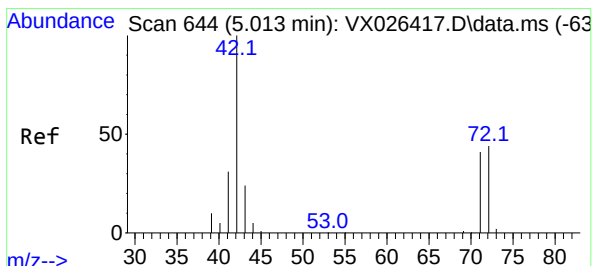
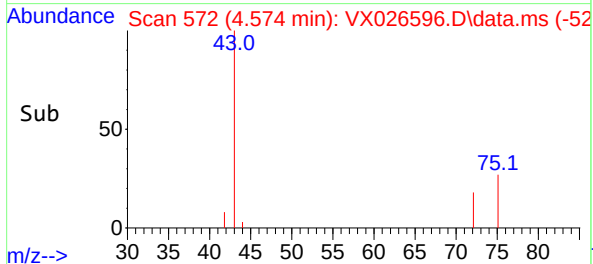
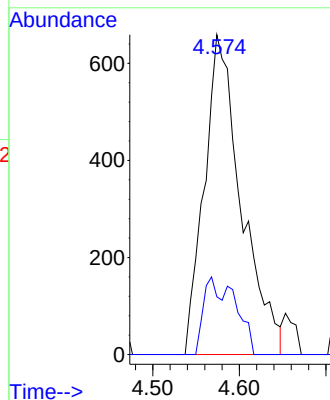
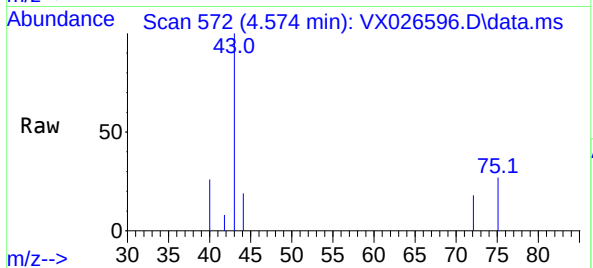
PB142265ZHE#06

Tgt Ion: 43 Resp: 1956

Ion Ratio Lower Upper

43 100

72 18.1 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.238 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026596.D

Acq: 26 Jan 2022 15:52

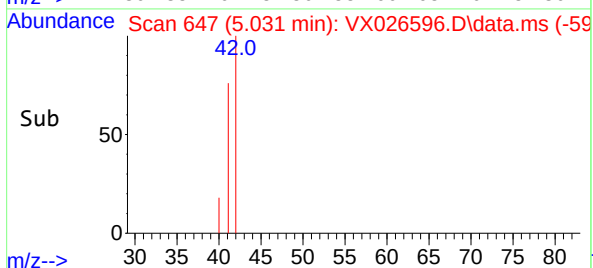
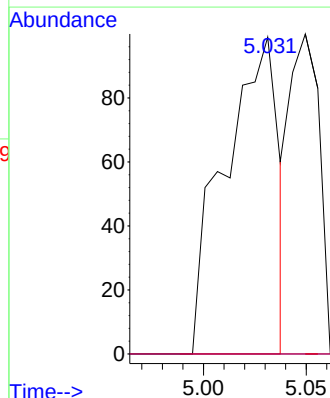
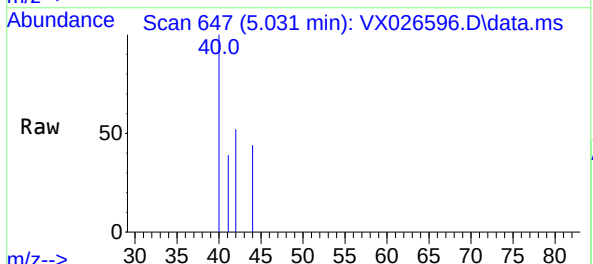
Tgt Ion: 42 Resp: 180

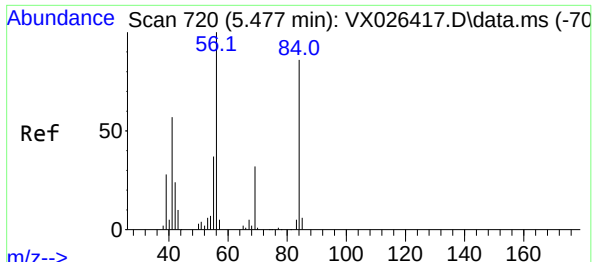
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

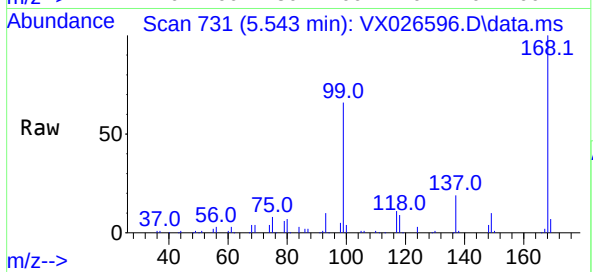
71 0.0 31.8 47.8#



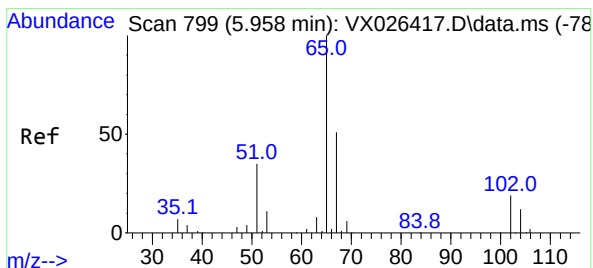
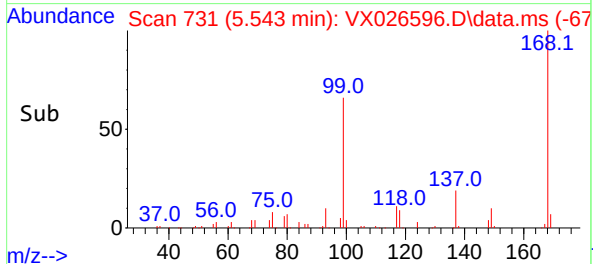
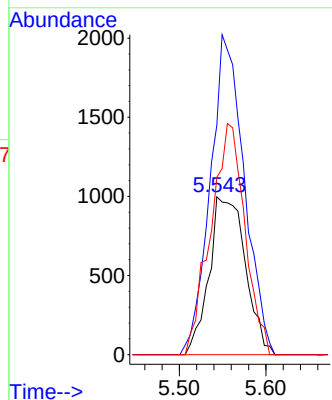


#31
Cyclohexane
Concen: 1.024 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

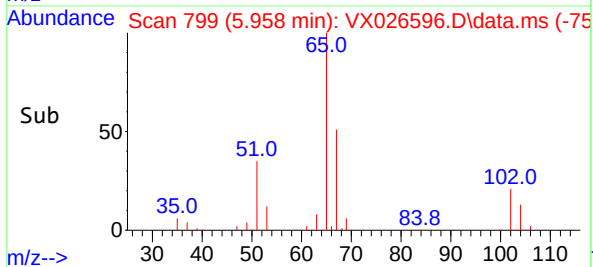
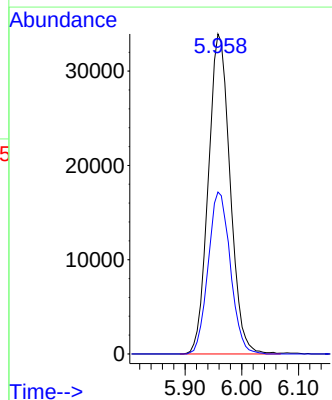
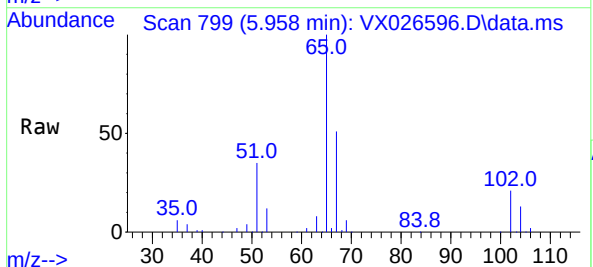


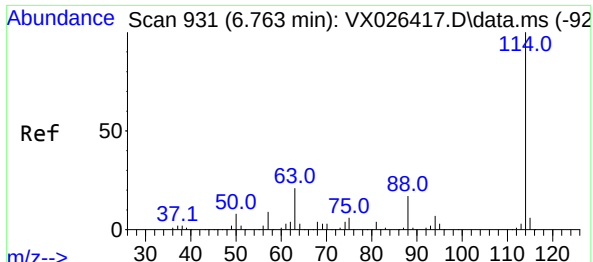
Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
69 145.4 25.8 38.6#
84 112.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.283 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 65 Resp: 90621
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8

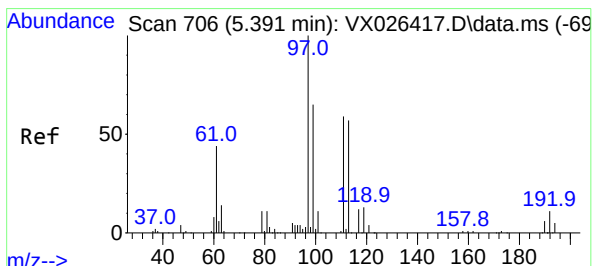
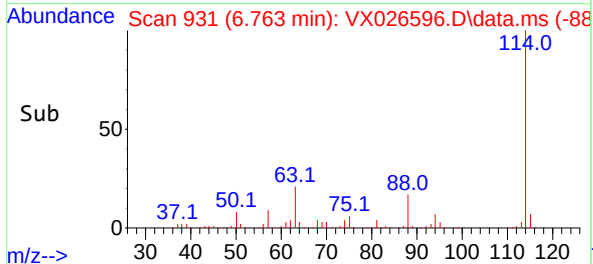
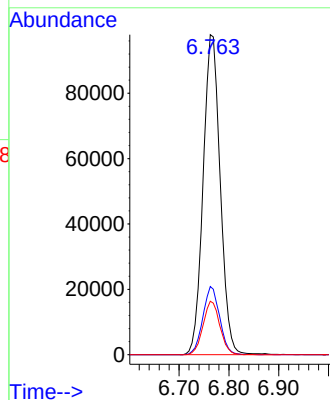
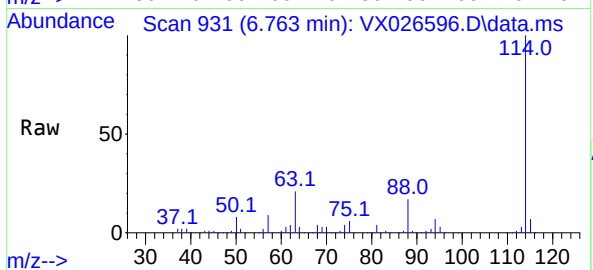




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

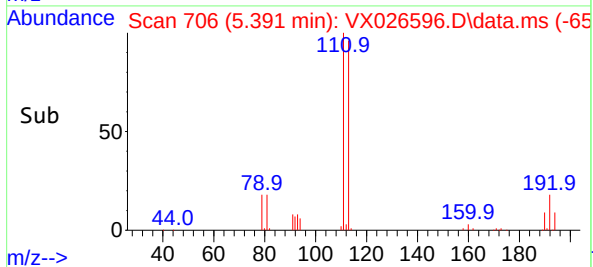
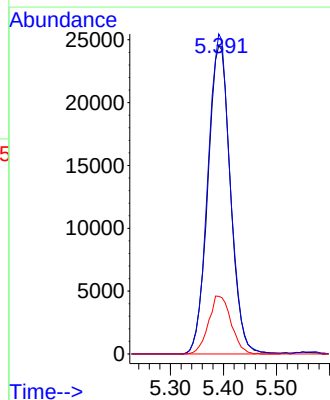
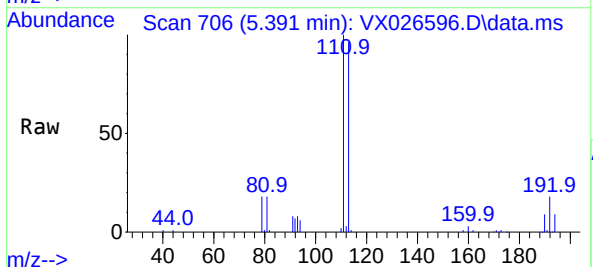
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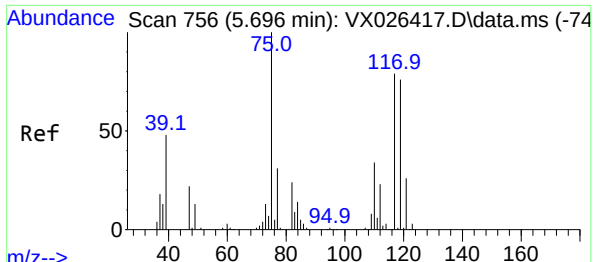
Tgt Ion:114 Resp: 233338
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.131 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion:113 Resp: 72525
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.8 15.0 22.4

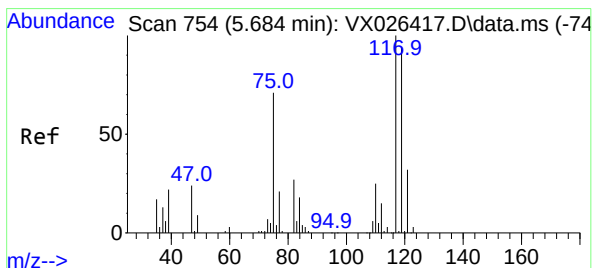
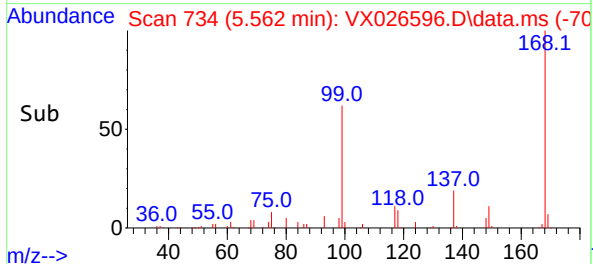
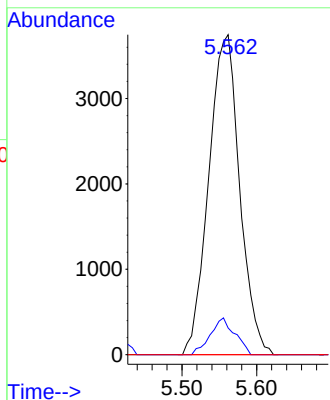
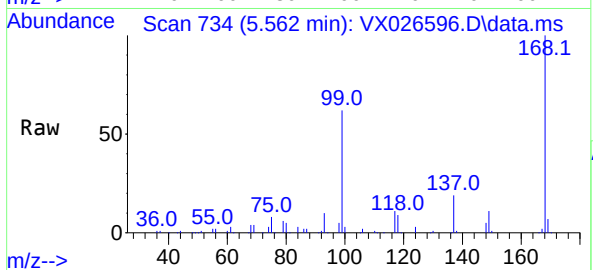




#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

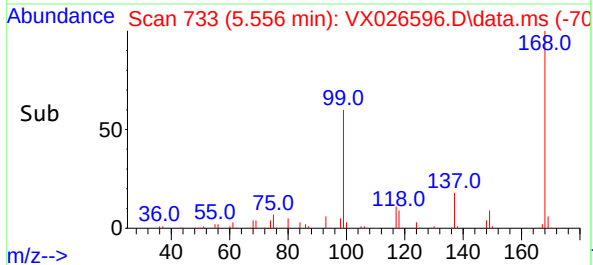
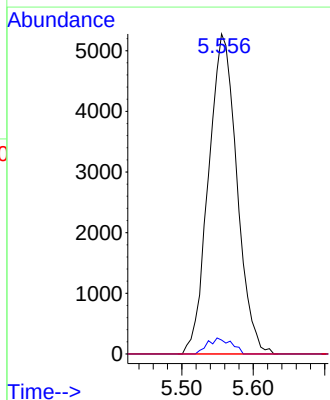
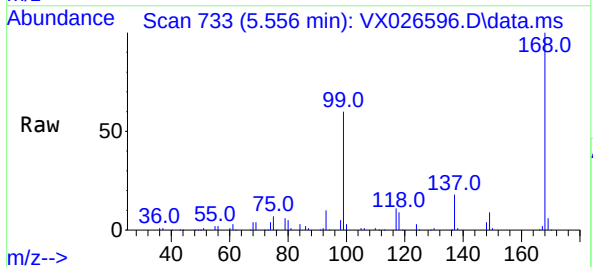
Instrument :
MSVOA_X
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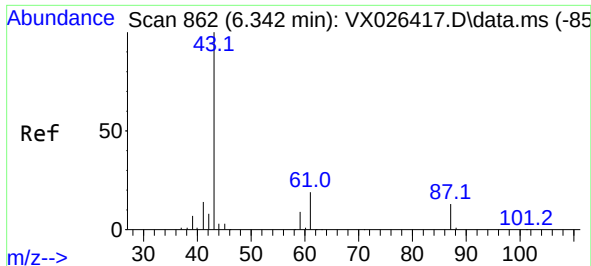
Tgt Ion: 75 Resp: 10764
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 117 Resp: 14543
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#

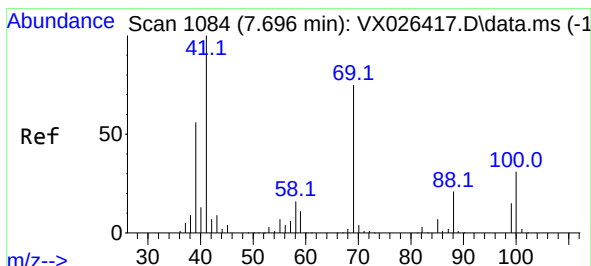
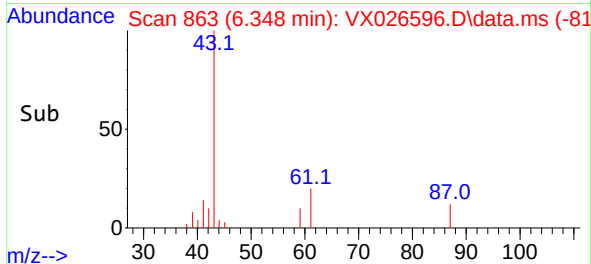
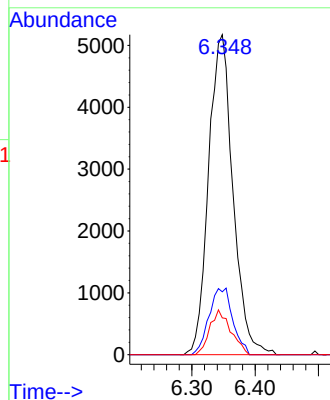
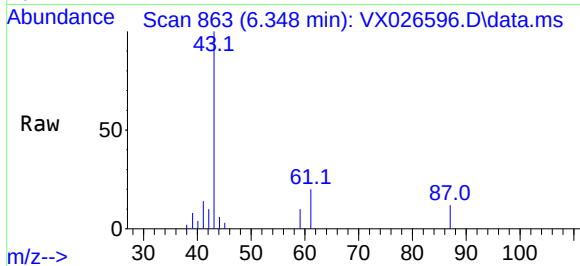




#43
Isopropyl Acetate
Concen: 3.566 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

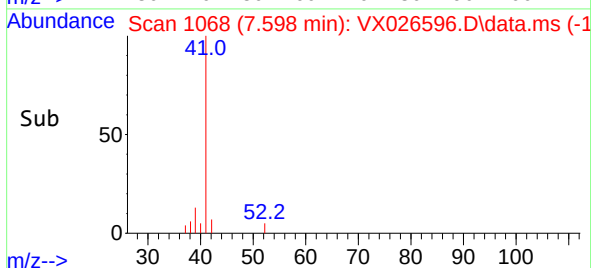
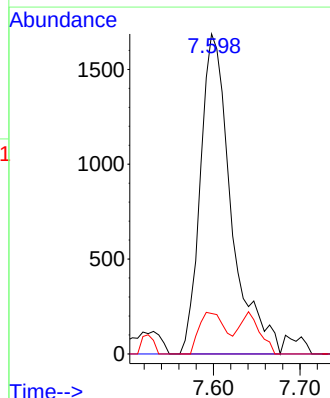
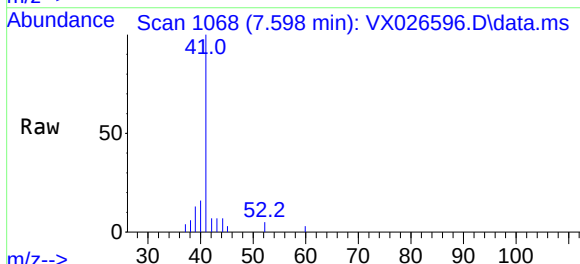
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

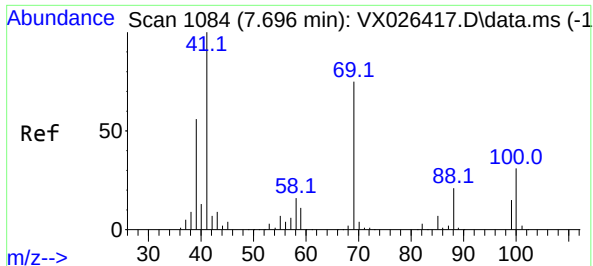
Tgt Ion: 43 Resp: 13862
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 12.1 10.2 15.2



#48
Methyl methacrylate
Concen: 2.165 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 41 Resp: 4171
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

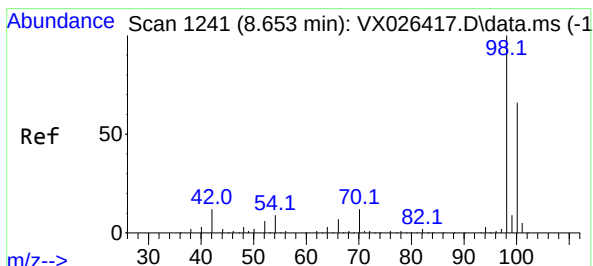
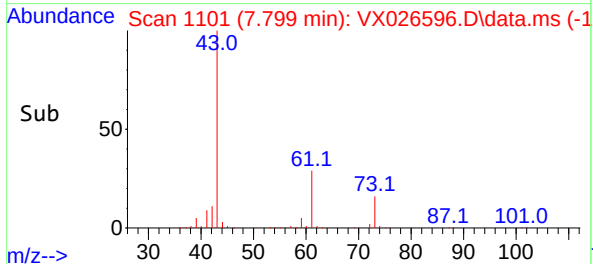
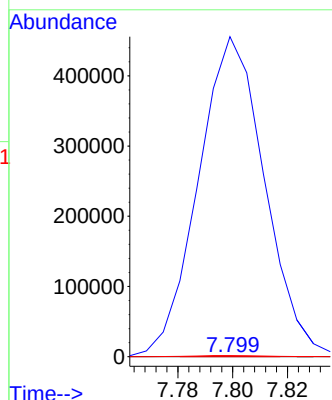
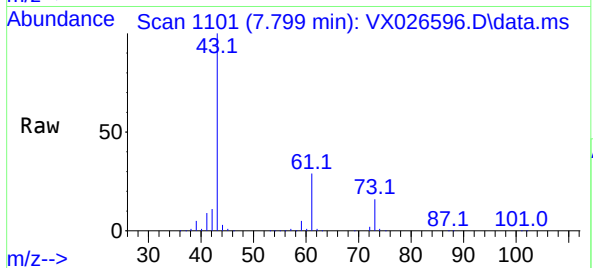




#49
1,4-Dioxane
Concen: 2.531 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

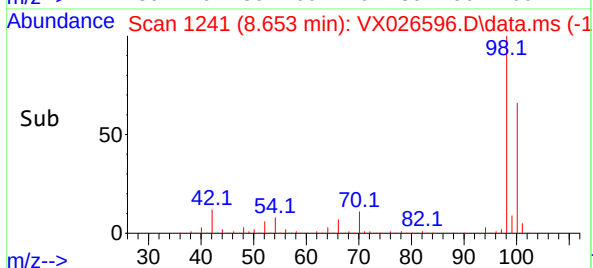
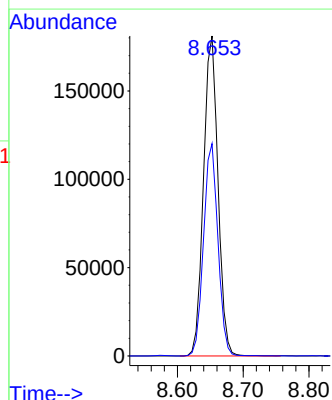
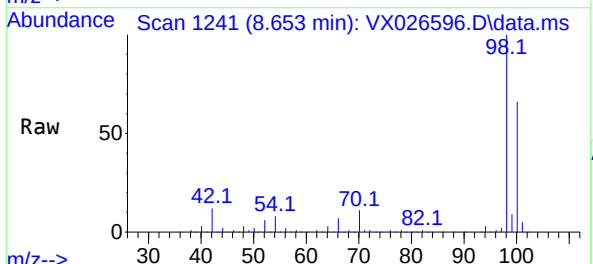
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

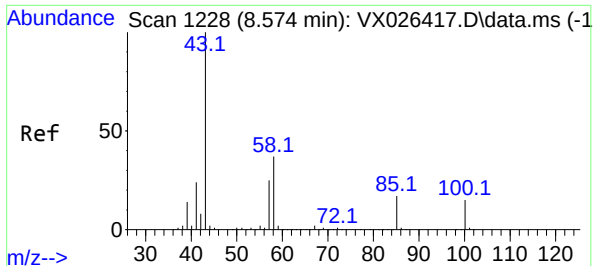
Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 966578.8 29.9 44.9#
58 3581.3 57.8 86.6#



#50
Toluene-d8
Concen: 51.100 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 98 Resp: 277473
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8

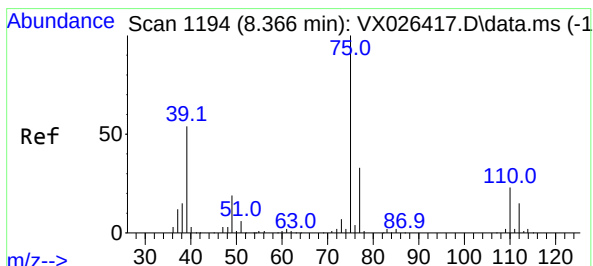
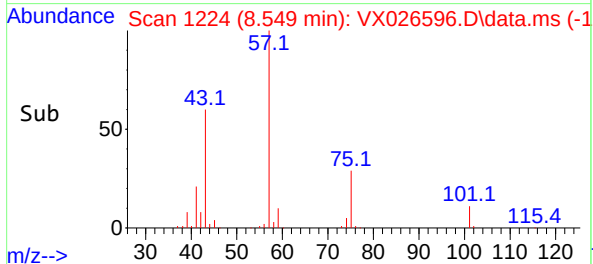
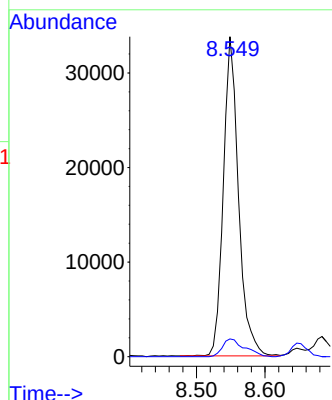
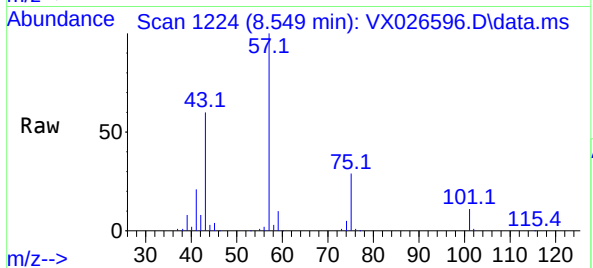




#51
4-Methyl-2-Pentanone
Concen: 22.439 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

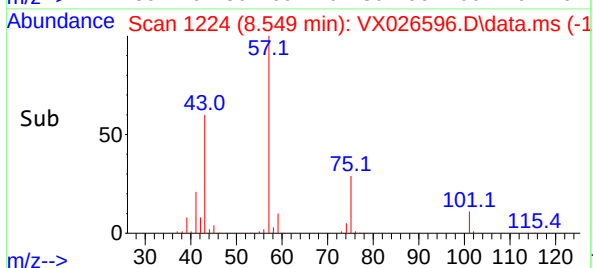
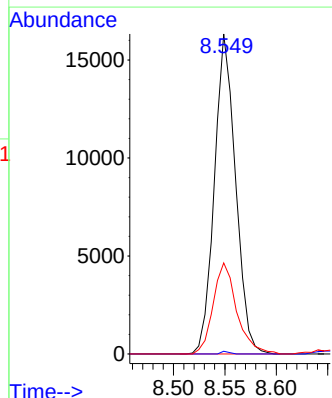
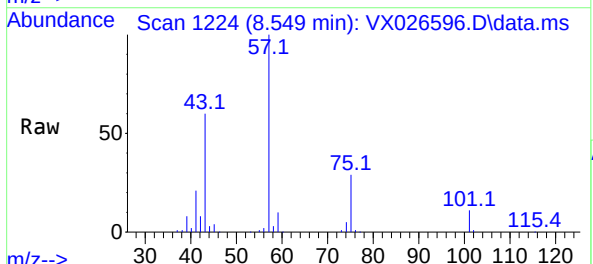
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

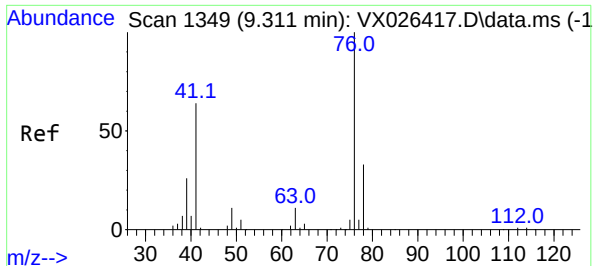
Tgt Ion: 43 Resp: 51734
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.299 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 75 Resp: 23348
Ion Ratio Lower Upper
75 100
77 0.8 26.2 39.2#
39 28.5 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.937 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX026596.D

Acq: 26 Jan 2022 15:52

Instrument :

MSVOA_X

ClientSampleId :

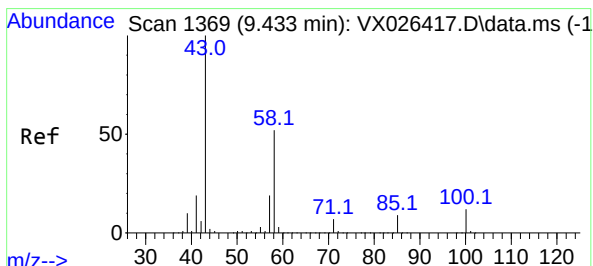
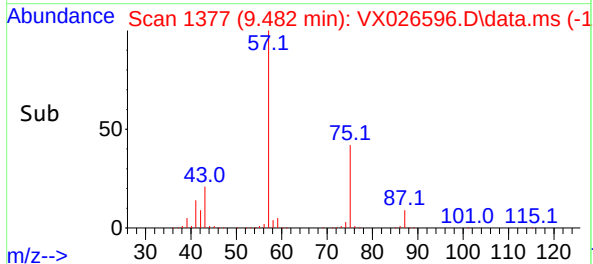
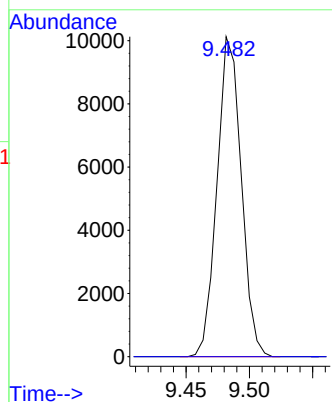
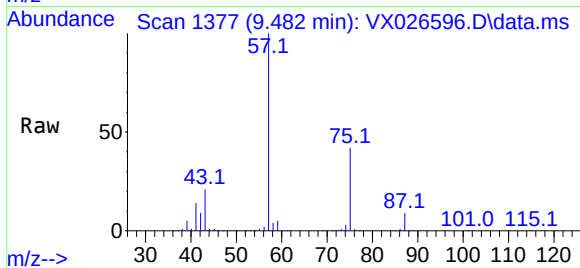
PB142265ZHE#06

Tgt Ion: 76 Resp: 13467

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 107.773 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX026596.D

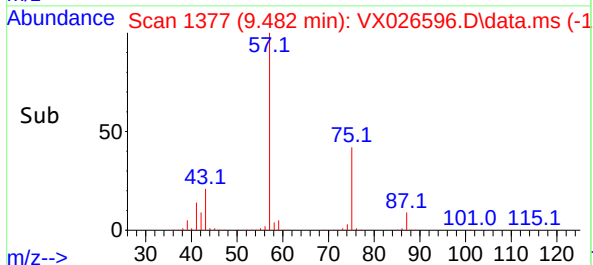
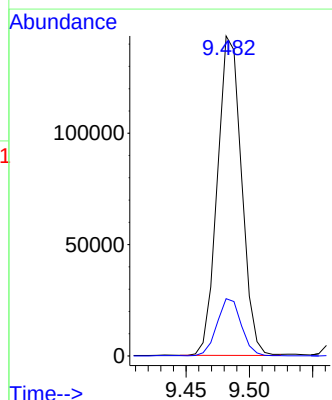
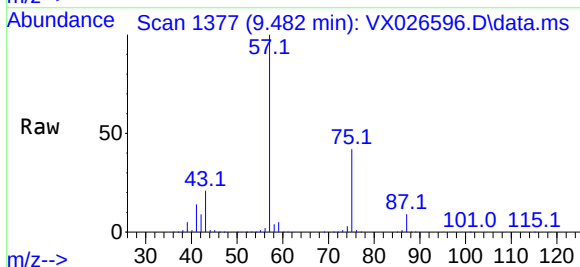
Acq: 26 Jan 2022 15:52

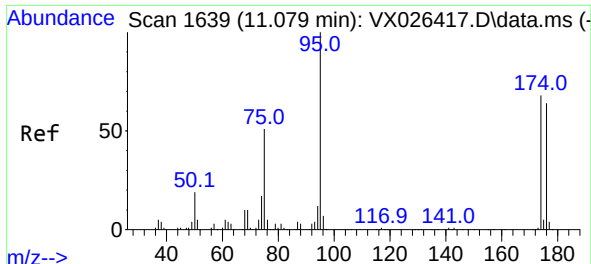
Tgt Ion: 43 Resp: 190173

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

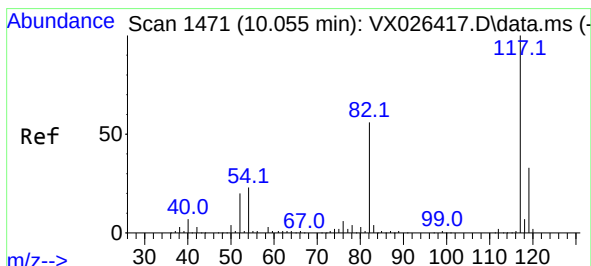
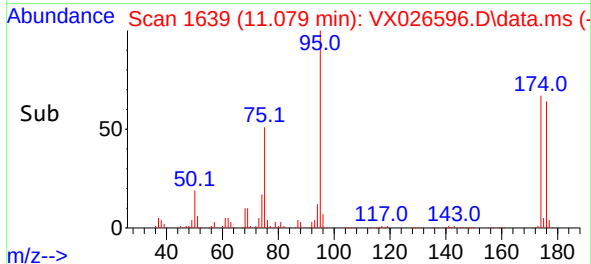
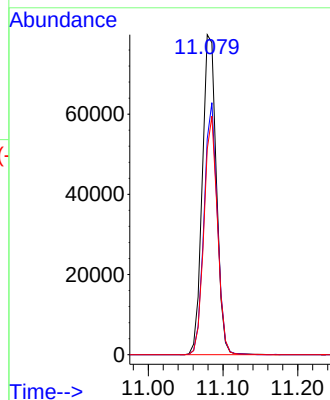
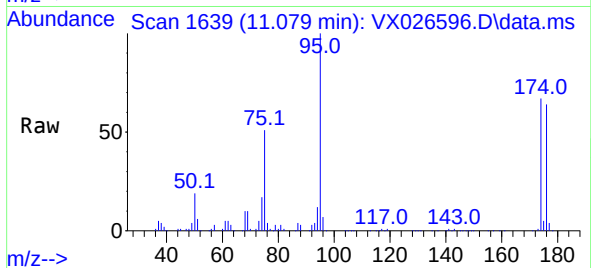




#62
4-Bromofluorobenzene
Concen: 54.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

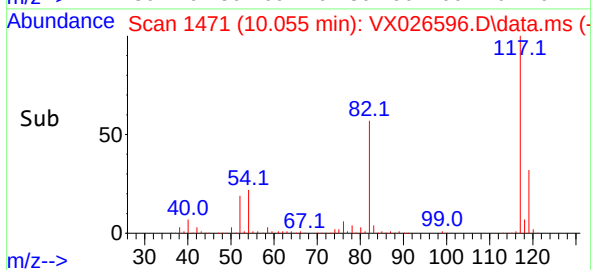
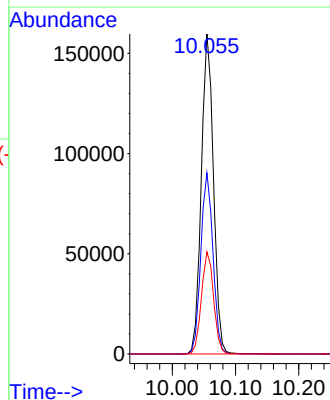
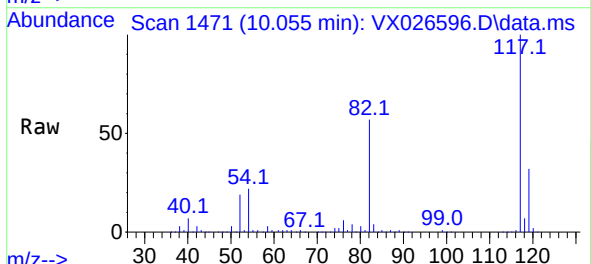
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

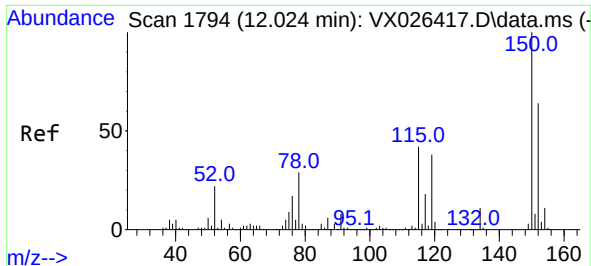
Tgt Ion: 95 Resp: 104250
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.6
176 71.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 117 Resp: 213610
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 31.9 26.2 39.2

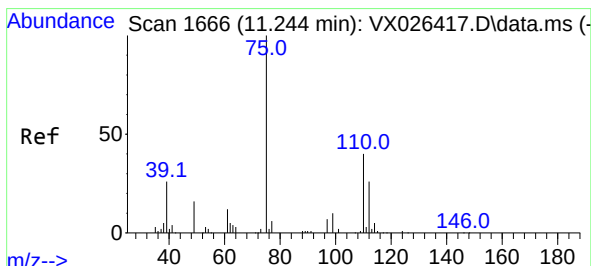
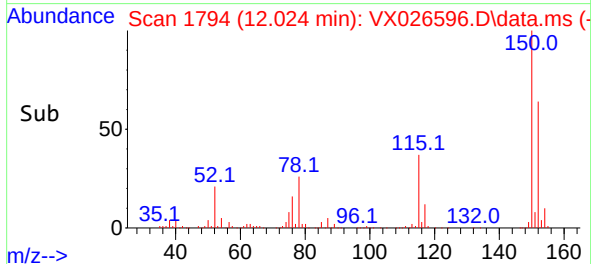
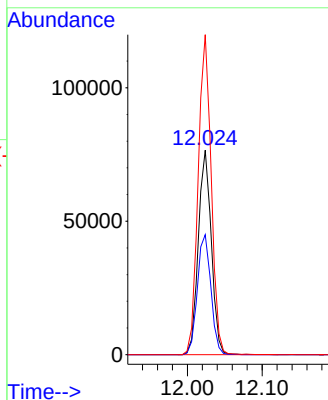
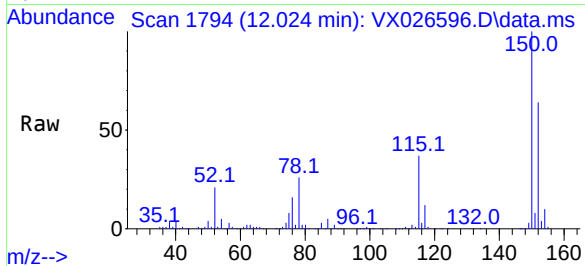




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

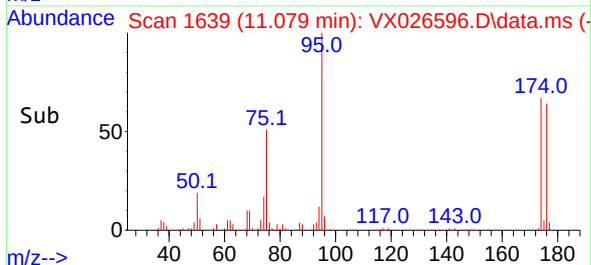
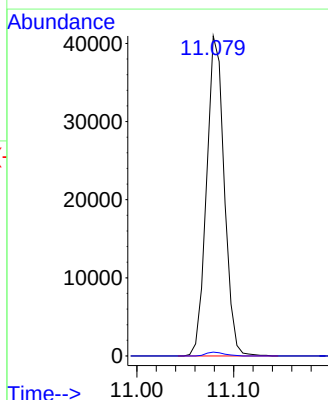
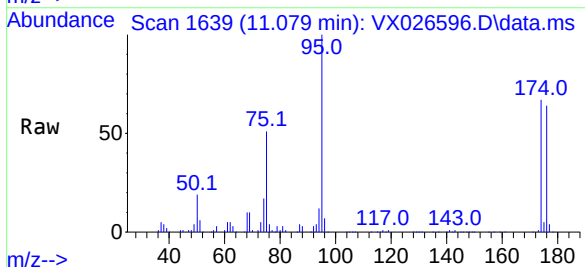
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

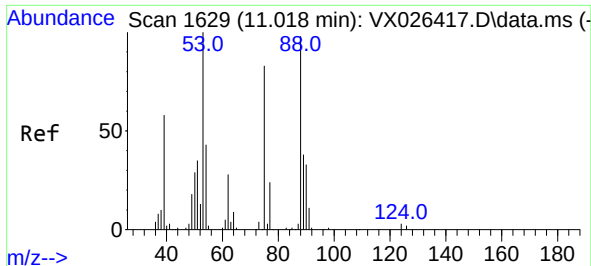
Tgt Ion:152 Resp: 92734
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 156.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.483 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Tgt Ion: 75 Resp: 52031
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.362 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026596.D
Acq: 26 Jan 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#06

Tgt Ion: 75 Resp: 52031
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

