

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037883.D
 Acq On : 25 Sep 2023 09:48
 Operator : JC/MD
 Sample : VX0925MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBL01

Quant Time: Sep 26 06:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

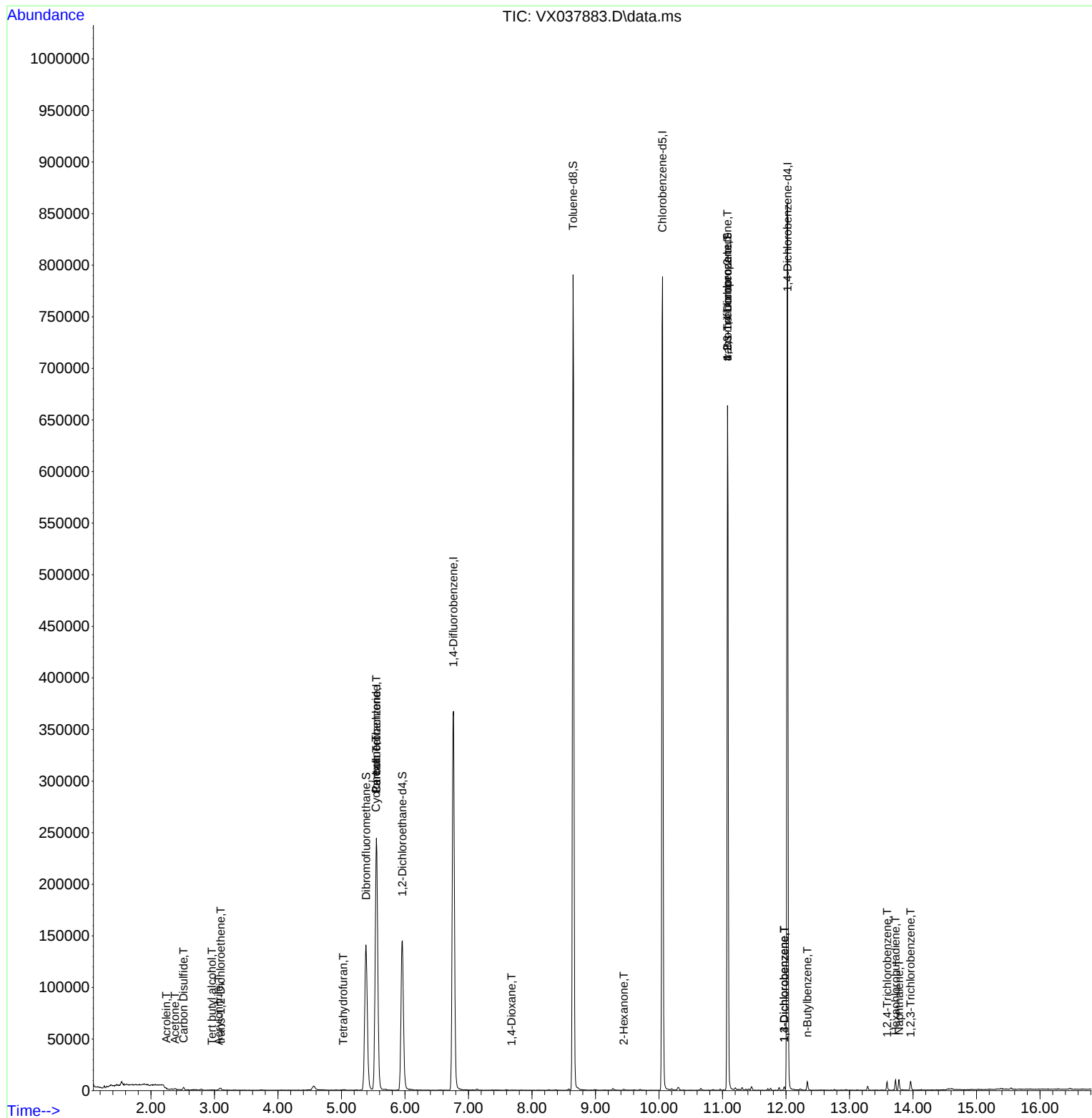
Internal Standards						
1) Pentafluorobenzene	5.550	168	237093	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	389405	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140713	45.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.340%		
35) Dibromofluoromethane	5.385	113	122947	47.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	8.647	98	469571	48.504	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	171061	48.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.260%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	316	0.473	ug/l	# 78
13) Acrolein	2.240	56	617	0.934	ug/l	90
15) Acrylonitrile	3.069	53	941	0.633	ug/l	99
16) Acetone	2.380	43	1484	0.990	ug/l	93
17) Carbon Disulfide	2.514	76	2659	0.459	ug/l	# 93
21) trans-1,2-Dichloroethene	3.099	96	636	0.248	ug/l	# 73
29) Tetrahydrofuran	5.026	42	300	0.228	ug/l	# 60
31) Cyclohexane	5.544	56	5116	1.280	ug/l	# 22
38) Carbon Tetrachloride	5.550	117	23313	6.208	ug/l	# 15
49) 1,4-Dioxane	7.678	88	161	2.036	ug/l	# 26
59) 2-Hexanone	9.446	43	858	0.275	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	87045	20.658	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	87045	66.175	ug/l	# 5
87) 1,3-Dichlorobenzene	11.970	146	1338	0.217	ug/l	97
88) 1,4-Dichlorobenzene	11.970	146	1338	0.212	ug/l	98
89) n-Butylbenzene	12.335	91	2923	0.289	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	2293	0.618	ug/l	89
94) Hexachlorobutadiene	13.725	225	1339	0.773	ug/l	93
95) Naphthalene	13.780	128	7313	0.583	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2546	0.667	ug/l	93

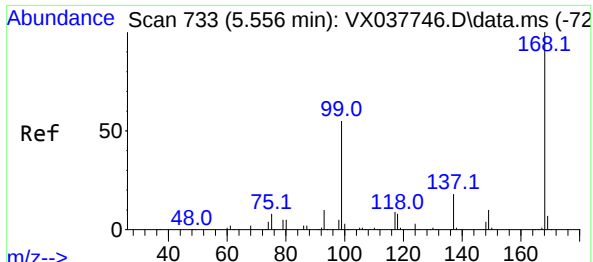
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Response via : Initial Calibration

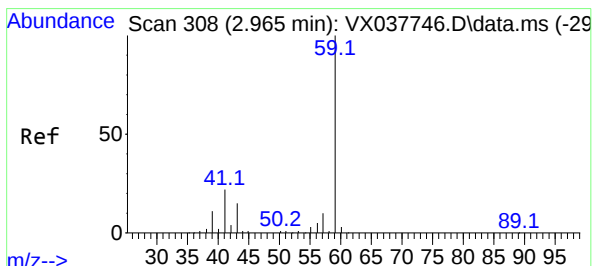
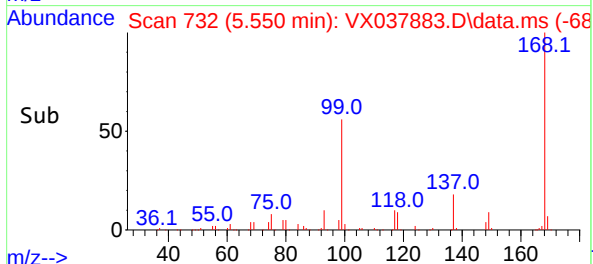
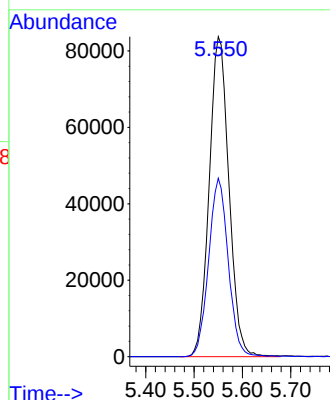
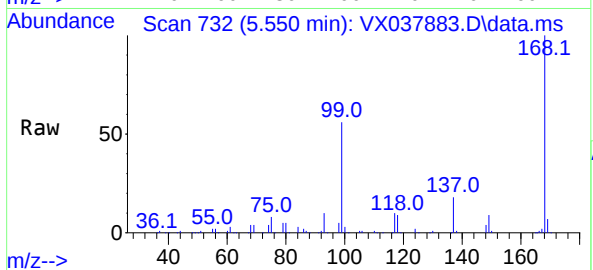




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

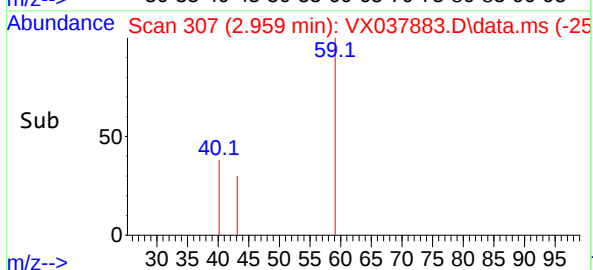
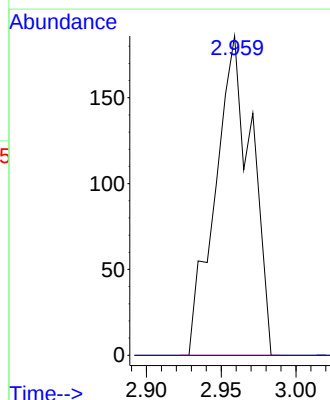
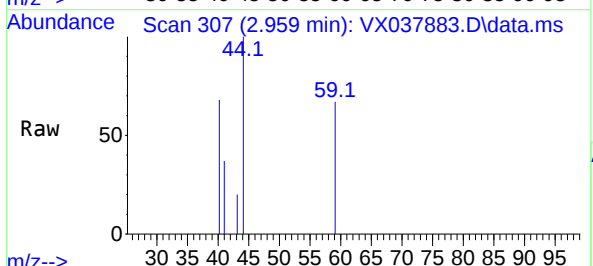
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

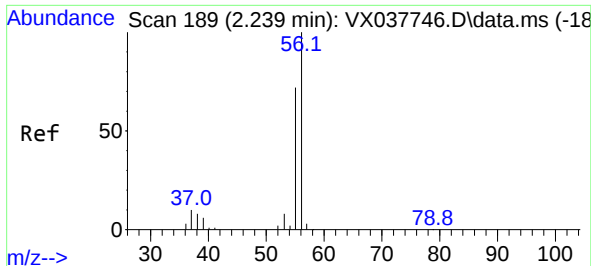
Tgt Ion:168 Resp: 237093
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.473 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

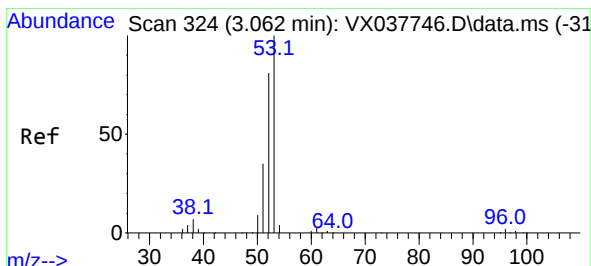
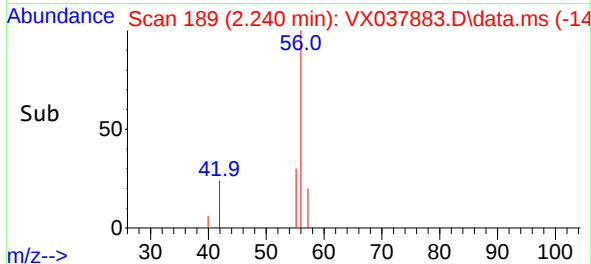
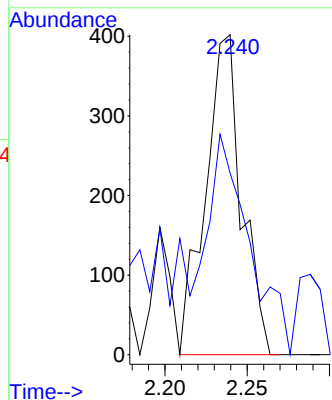
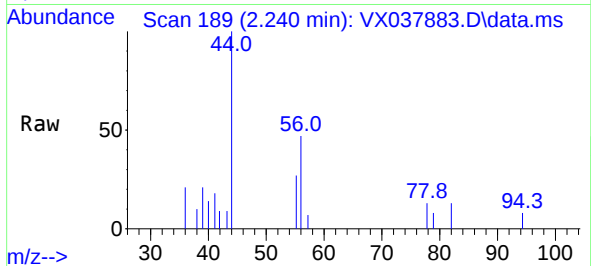




#13
Acrolein
Concen: 0.934 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

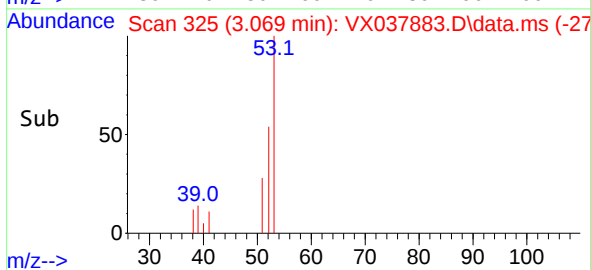
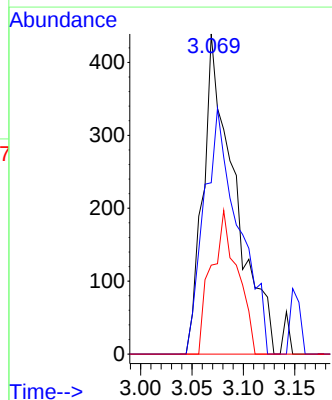
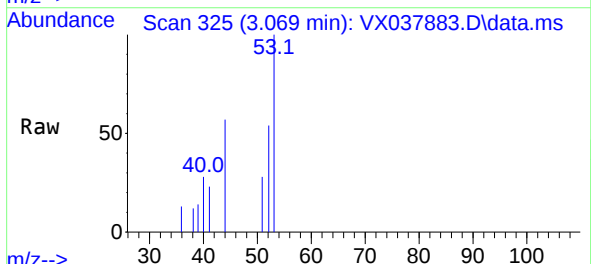
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

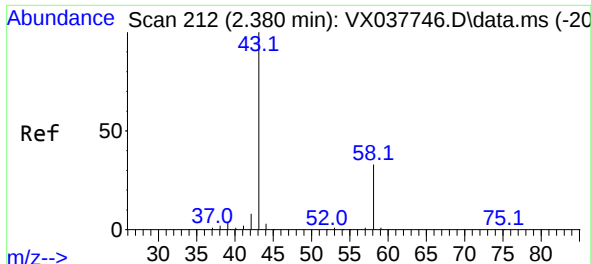
Tgt Ion: 56 Resp: 617
Ion Ratio Lower Upper
56 100
55 79.7 57.1 85.7



#15
Acrylonitrile
Concen: 0.633 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 53 Resp: 941
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 37.1 29.8 44.6

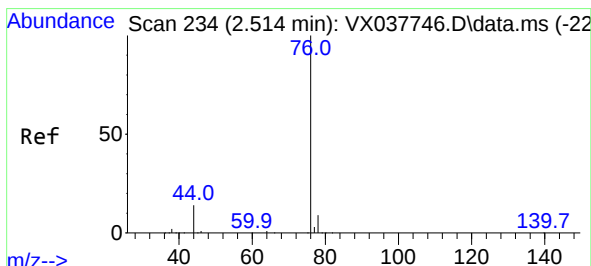
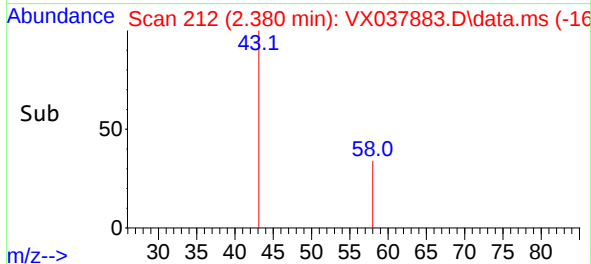
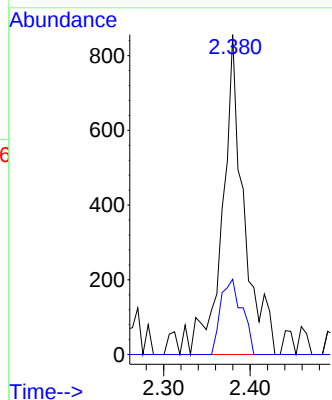
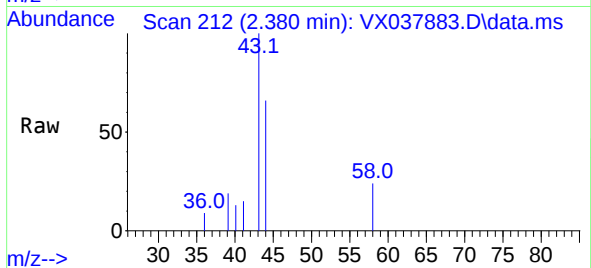




#16
Acetone
Concen: 0.990 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

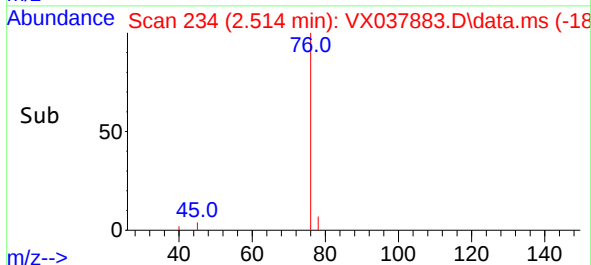
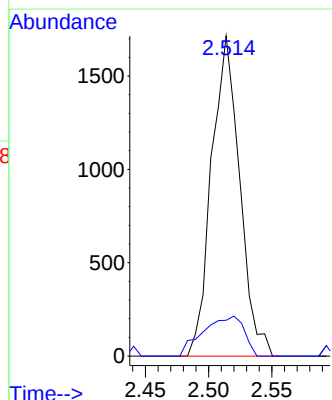
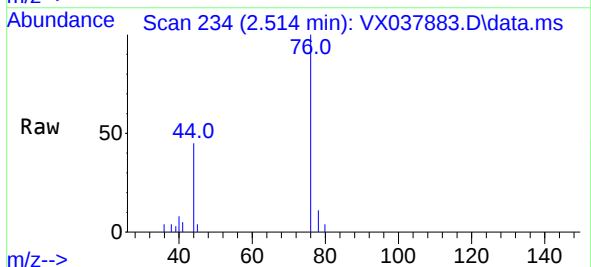
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

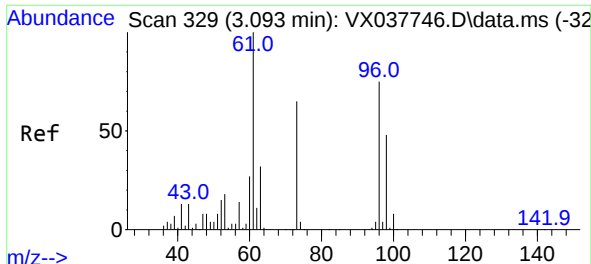
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.459 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 76 Resp: 2659
Ion Ratio Lower Upper
76 100
78 11.2 7.0 10.6#

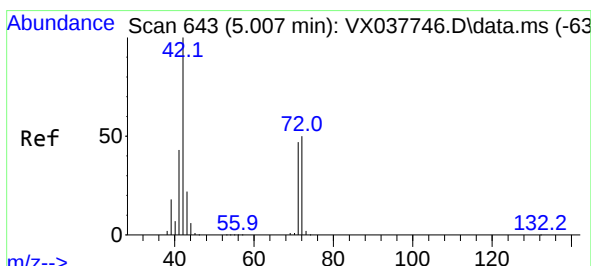
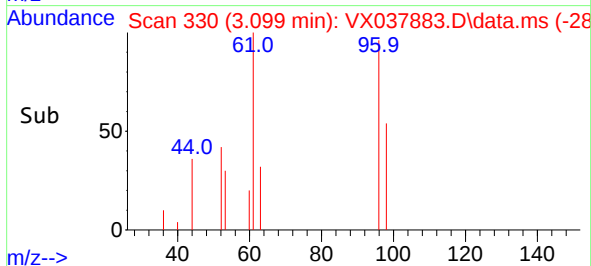
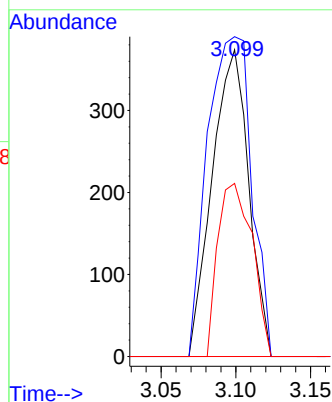
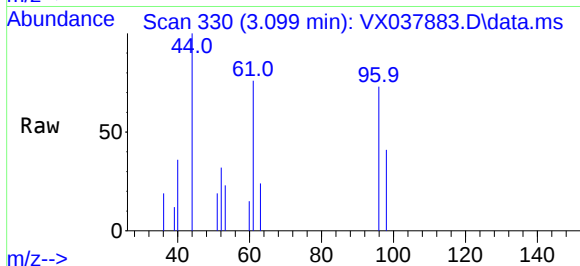




#21
trans-1,2-Dichloroethene
Concen: 0.248 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

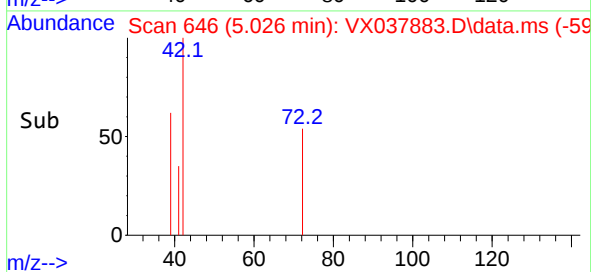
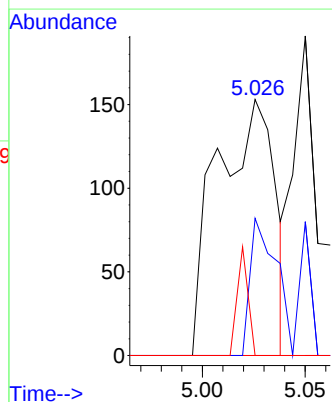
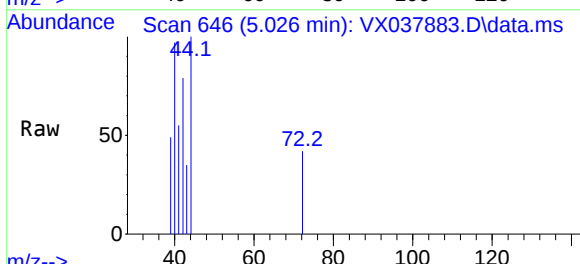
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

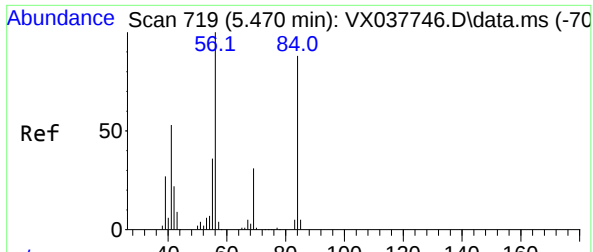
Tgt Ion: 96 Resp: 636
Ion Ratio Lower Upper
96 100
61 104.3 119.2 178.8#
98 56.4 48.7 73.1



#29
Tetrahydrofuran
Concen: 0.228 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

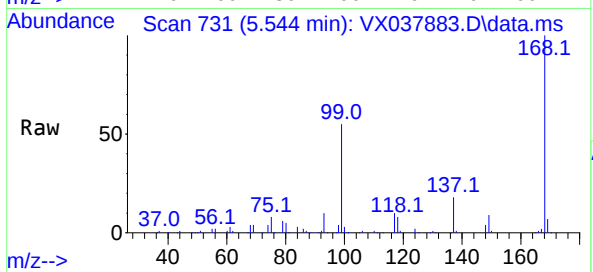
Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 24.0 34.2 51.4#
71 8.0 32.2 48.2#



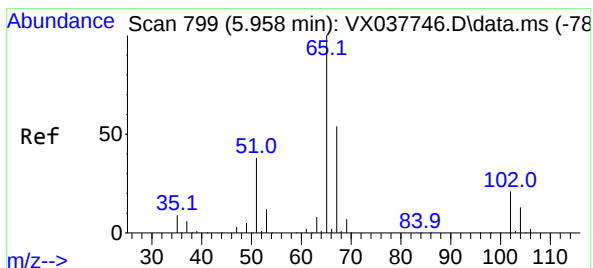
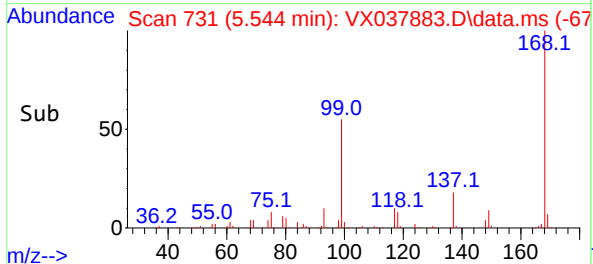
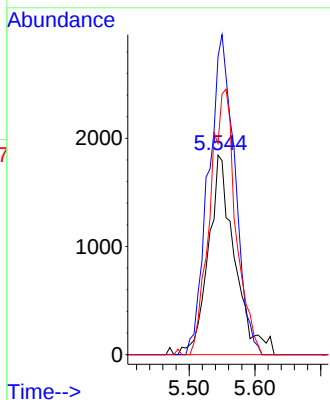


#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

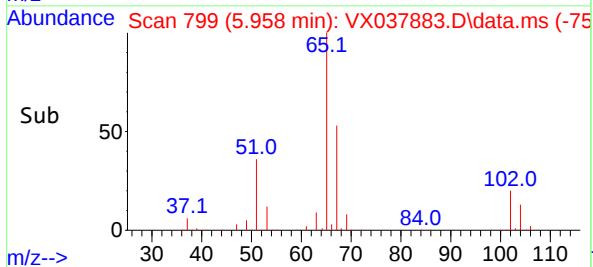
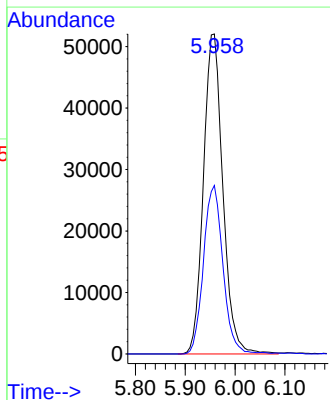
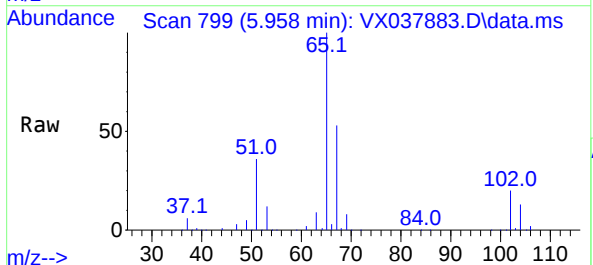


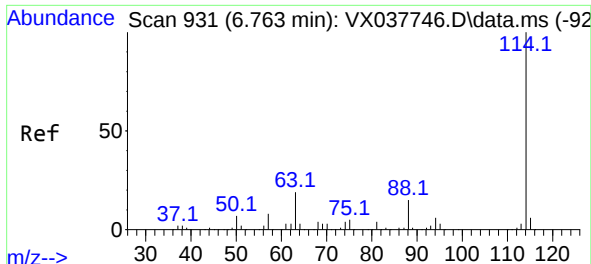
Tgt Ion: 56 Resp: 5116
Ion Ratio Lower Upper
56 100
69 149.3 23.4 35.2#
84 105.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.172 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 65 Resp: 140713
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

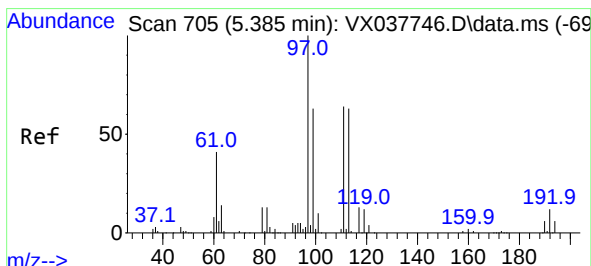
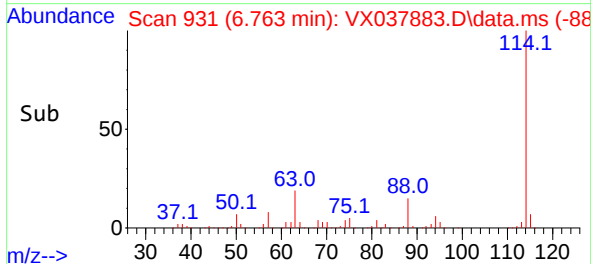
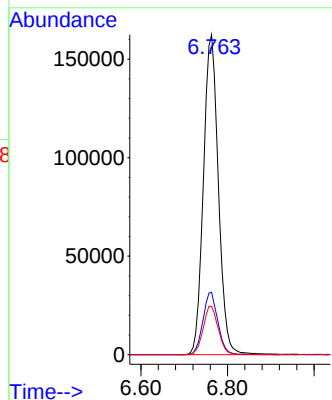
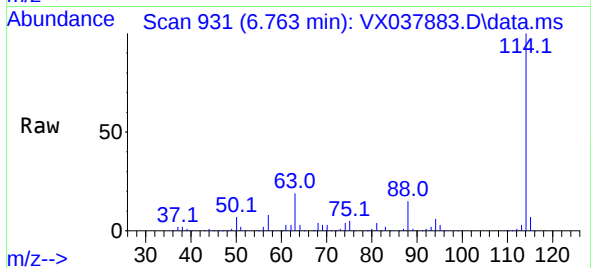




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

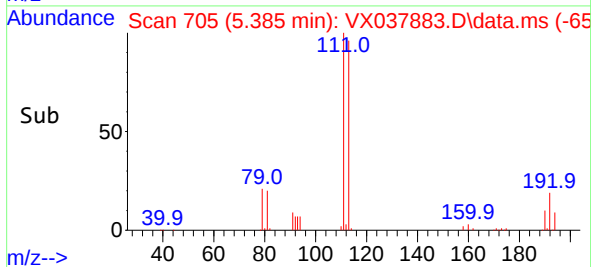
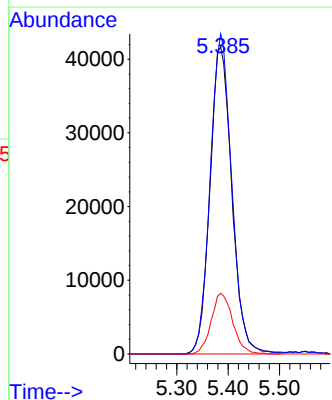
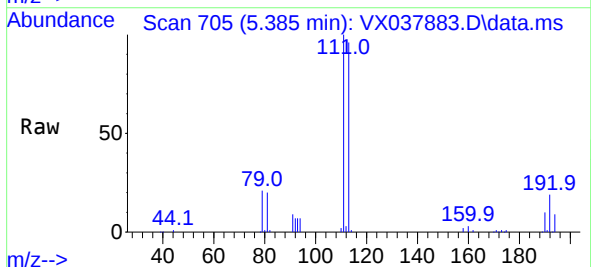
Instrument :
MSVOA_X
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VX0925MBL01

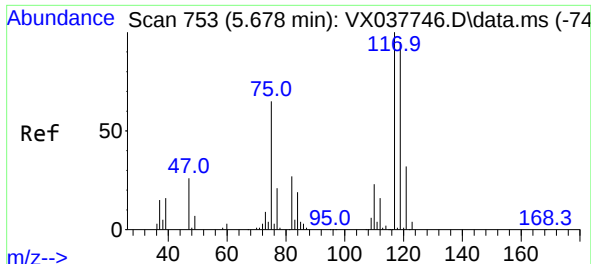
Tgt Ion:114 Resp: 389405
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.187 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion:113 Resp: 122947
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.5 13.3 19.9

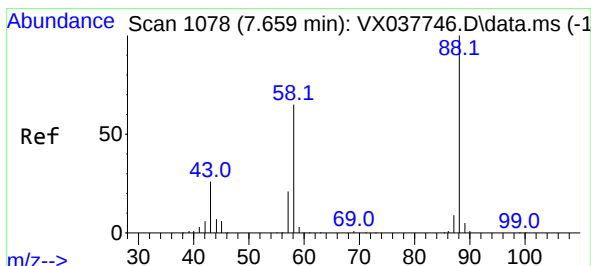
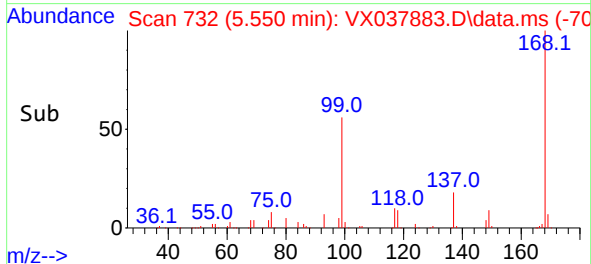
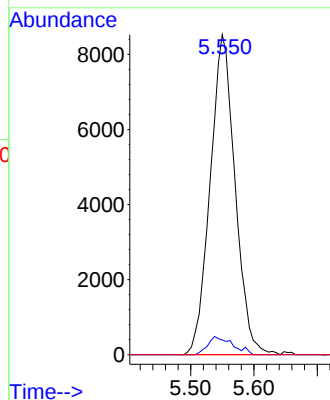
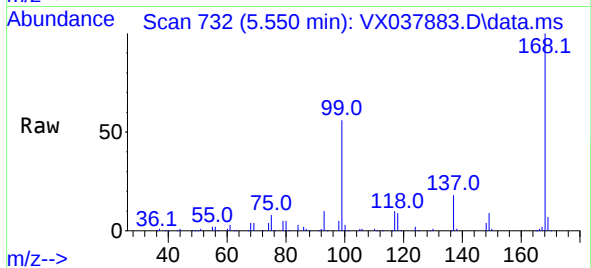




#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

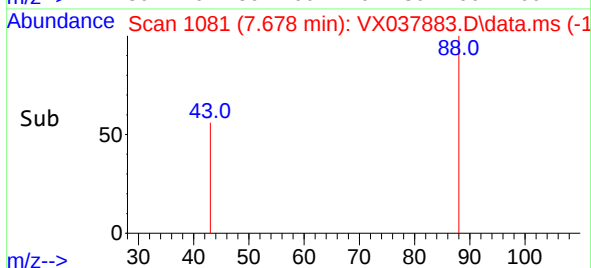
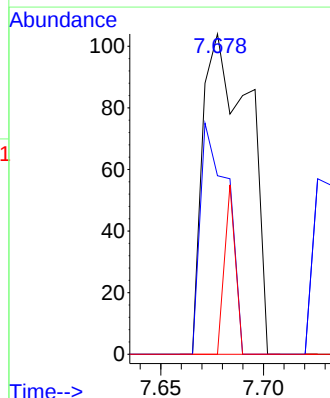
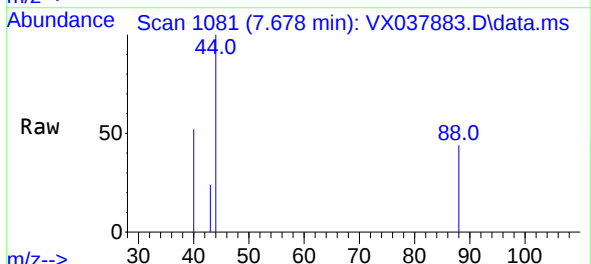
Instrument :
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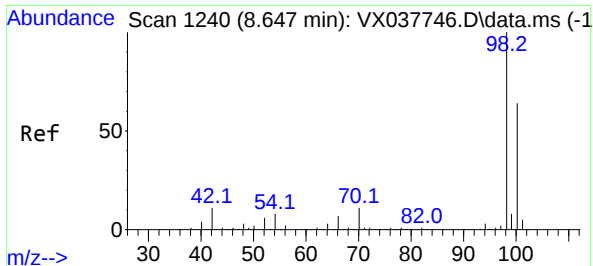
Tgt Ion:117 Resp: 23313
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 2.036 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
43 43.5 0.0 0.0#
58 12.4 60.1 90.1#





#50

Toluene-d8

Concen: 48.504 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037883.D

Acq: 25 Sep 2023 09:48

Instrument :

MSVOA_X

ClientSampleId :

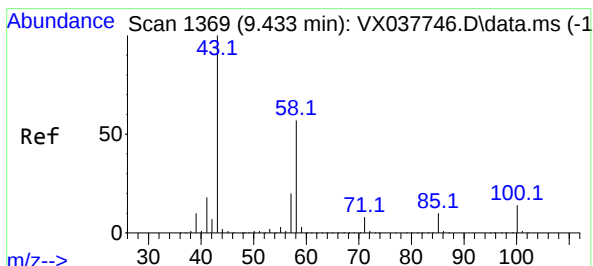
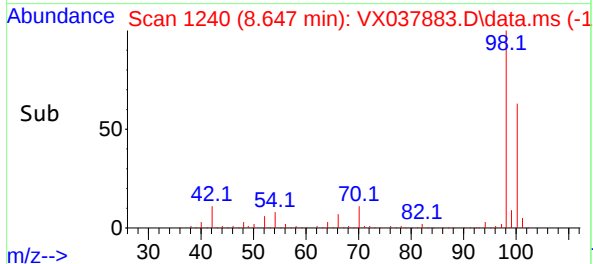
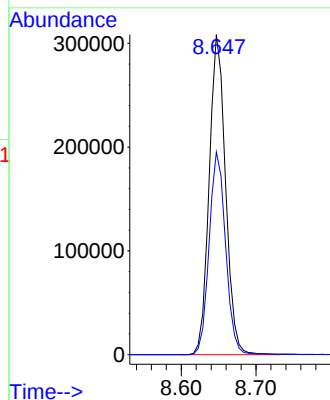
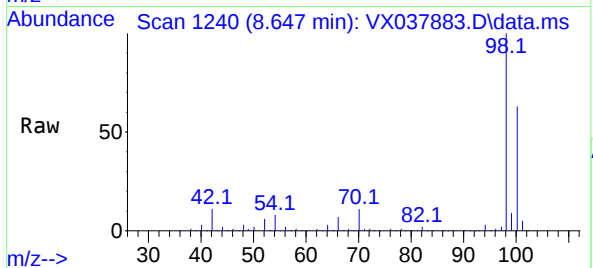
VX0925MBL01

Tgt Ion: 98 Resp: 469571

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#59

2-Hexanone

Concen: 0.275 ug/l

RT: 9.446 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX037883.D

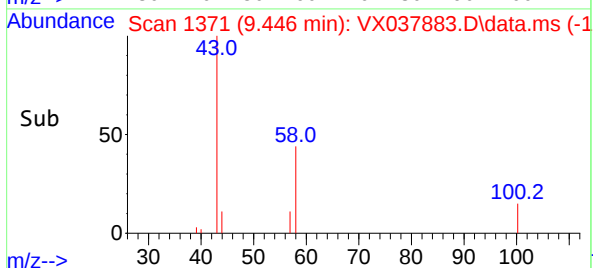
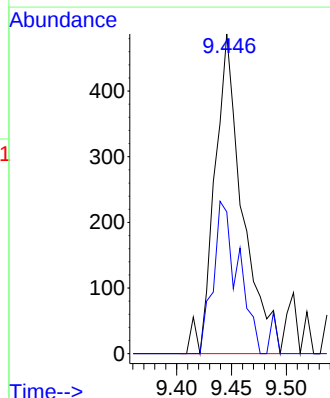
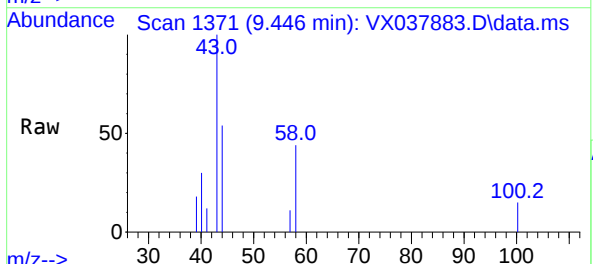
Acq: 25 Sep 2023 09:48

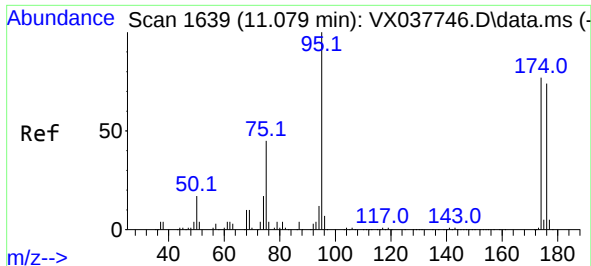
Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 42.9 26.2 78.5

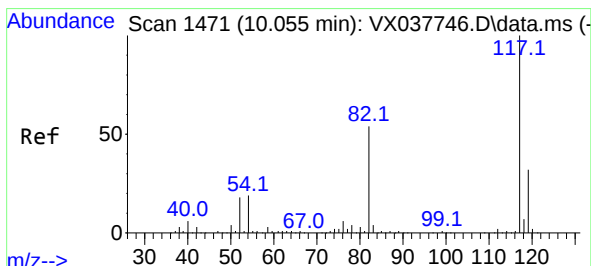
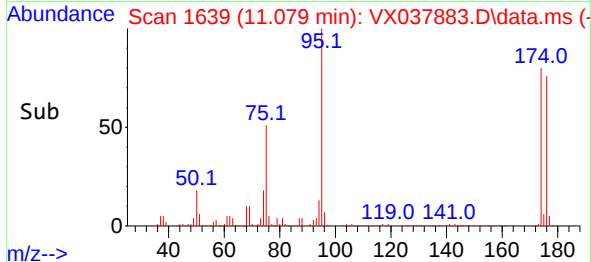
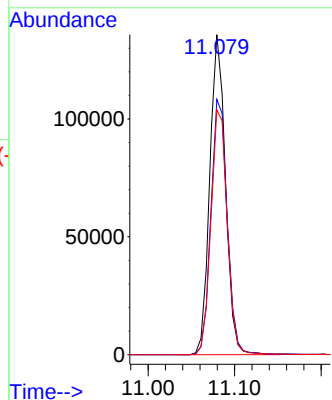
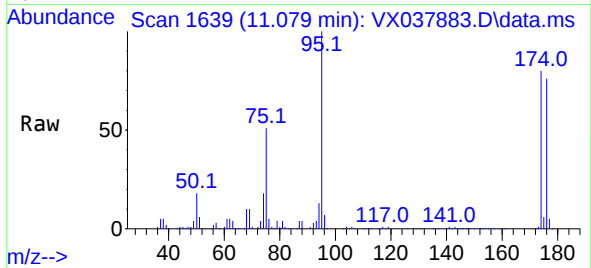




#62
4-Bromofluorobenzene
Concen: 48.625 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

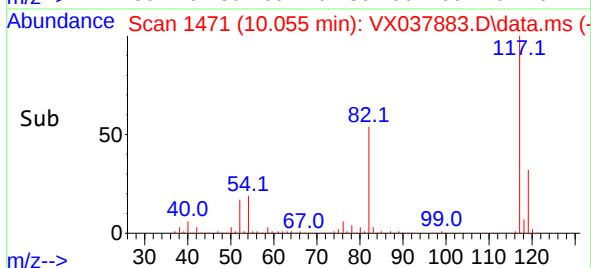
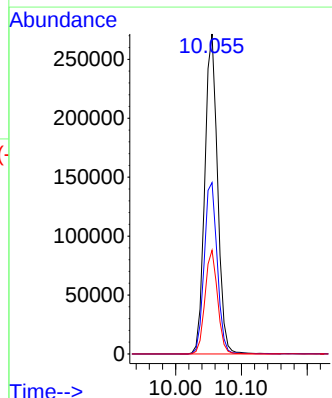
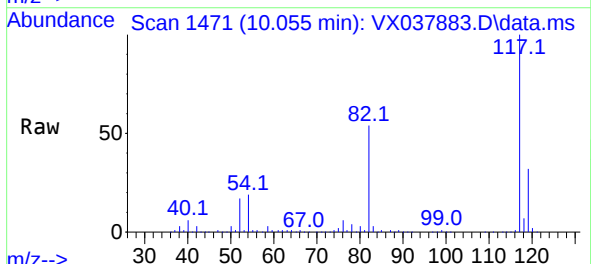
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

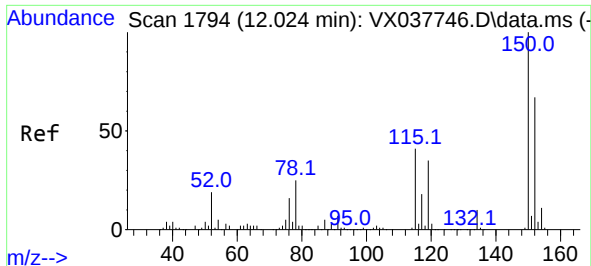
Tgt Ion: 95 Resp: 171061
Ion Ratio Lower Upper
95 100
174 83.3 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 117 Resp: 367055
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.4 25.5 38.3

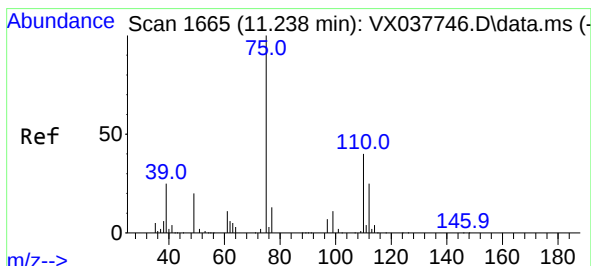
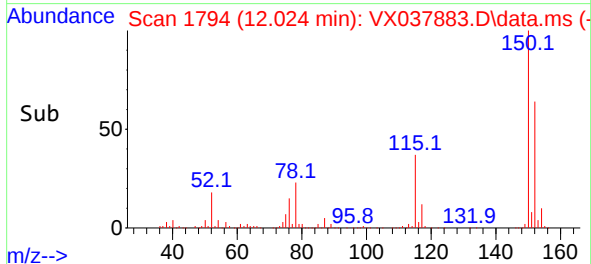
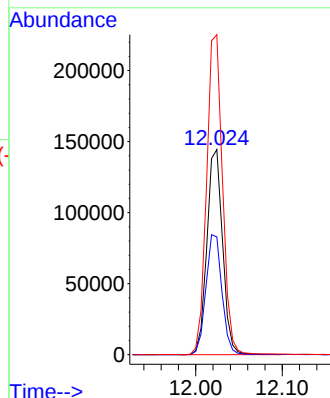
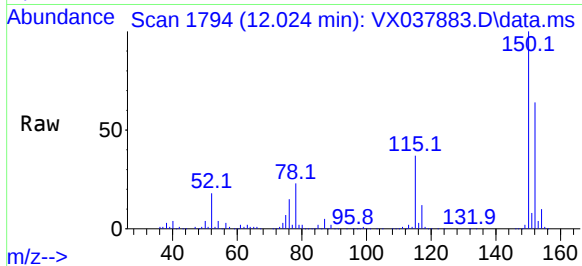




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

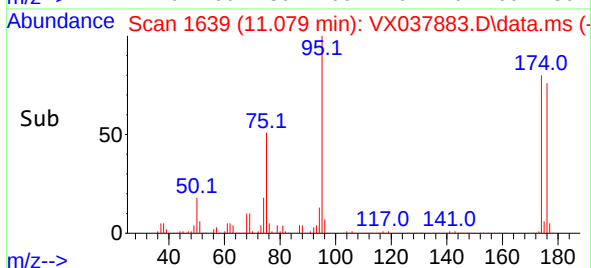
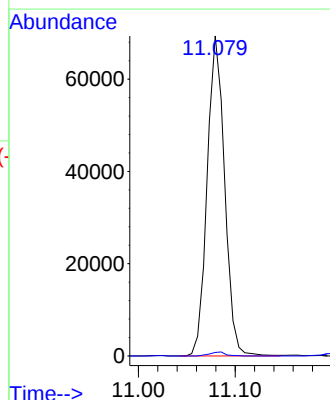
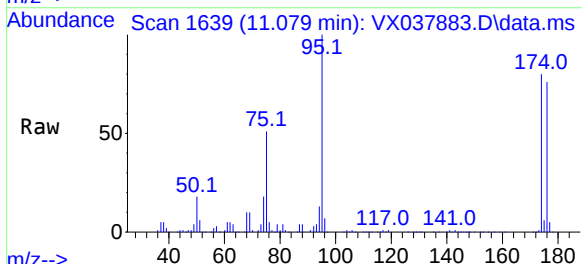
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925MBL01

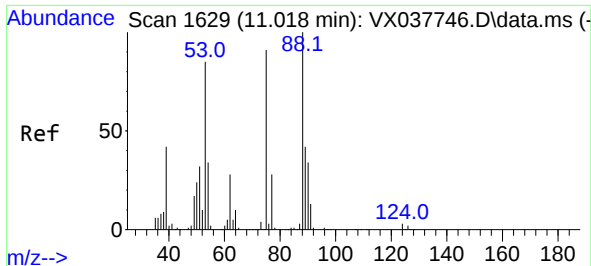
Tgt Ion:152 Resp: 182179
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 158.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.658 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037883.D
 Acq: 25 Sep 2023 09:48

Tgt Ion: 75 Resp: 87045
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

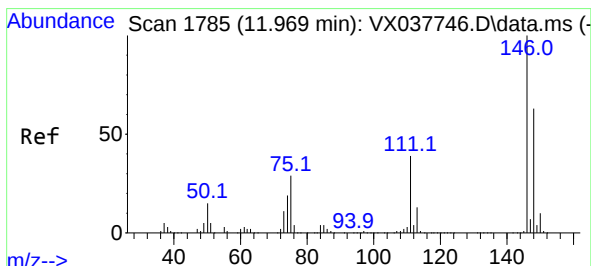
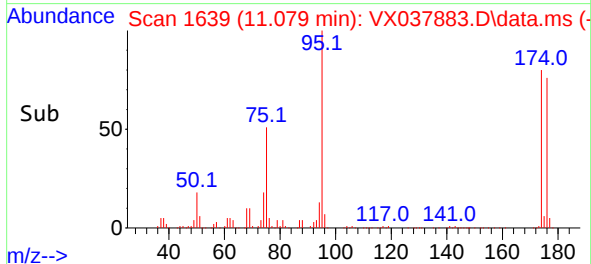
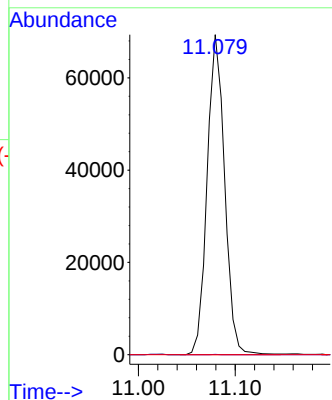
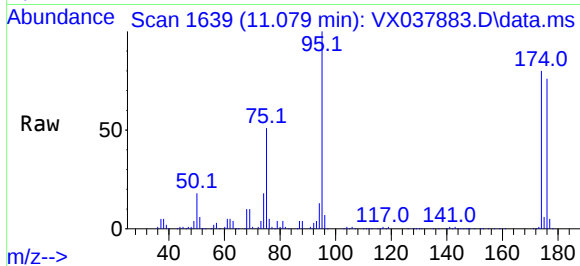




#81
trans-1,4-Dichloro-2-butene
Concen: 66.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

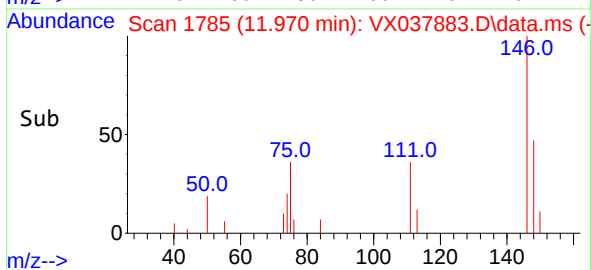
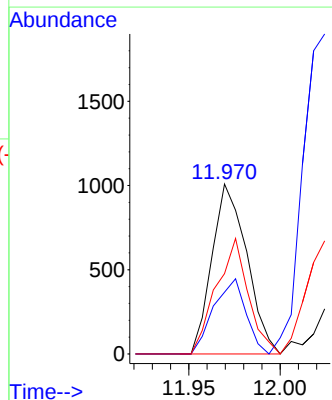
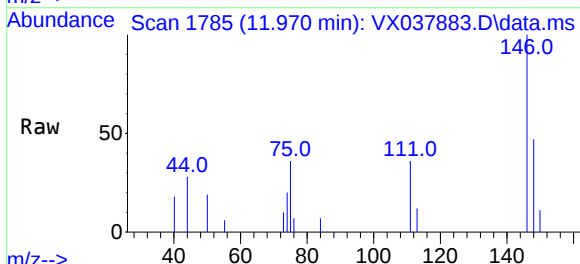
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

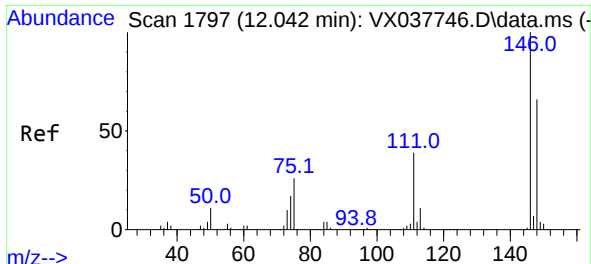
Tgt Ion: 75 Resp: 87045
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.217 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion:146 Resp: 1338
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.1
148 62.6 31.8 95.3

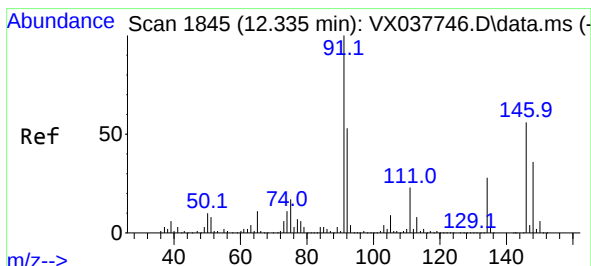
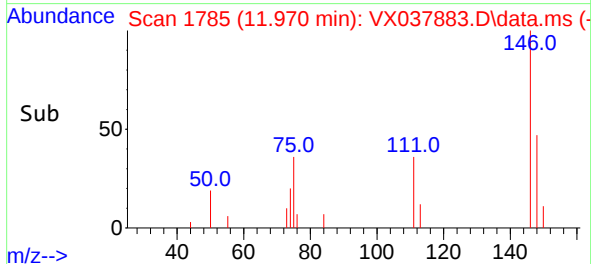
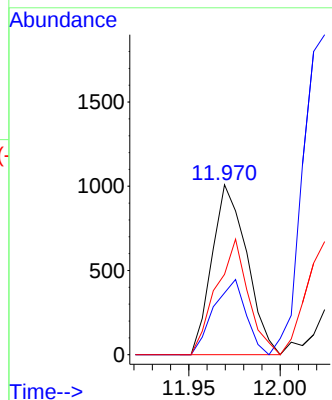
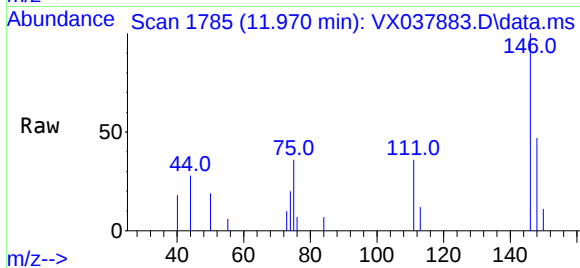




#88
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.970 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

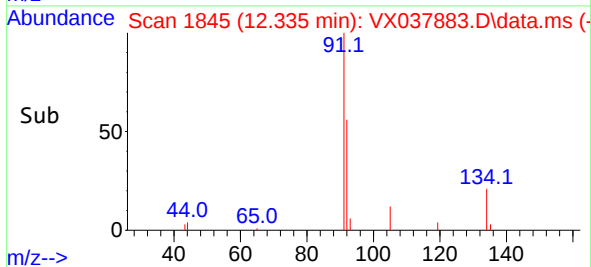
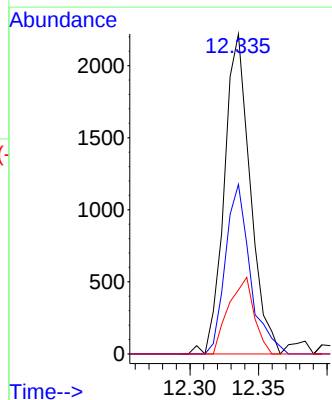
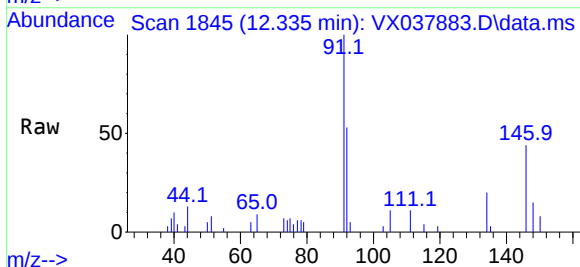
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

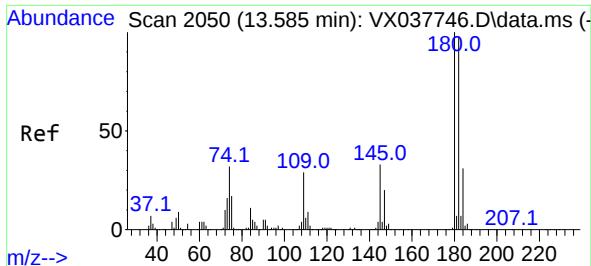
Tgt Ion:146 Resp: 1338
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.7
148 62.6 31.8 95.4



#89
n-Butylbenzene
Concen: 0.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion: 91 Resp: 2923
Ion Ratio Lower Upper
91 100
92 50.6 27.4 82.0
134 23.4 12.6 37.8

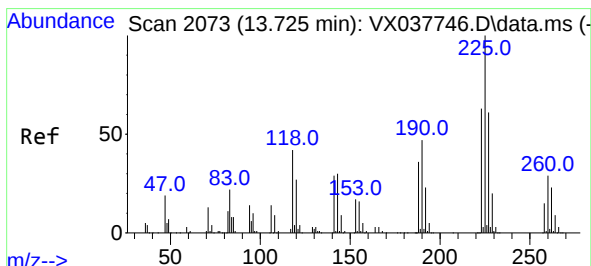
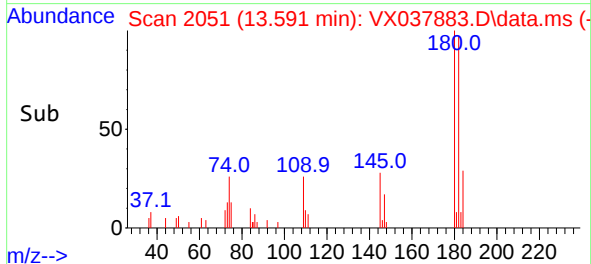
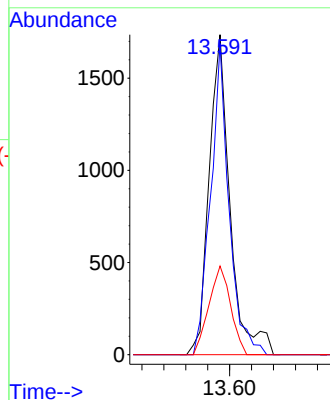
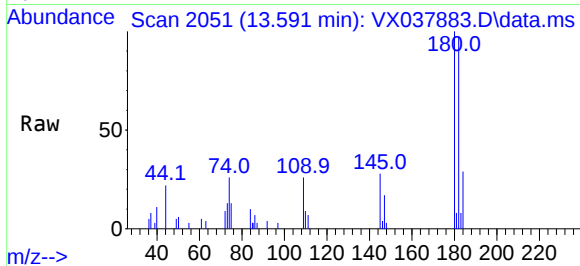




#93
1,2,4-Trichlorobenzene
Concen: 0.618 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

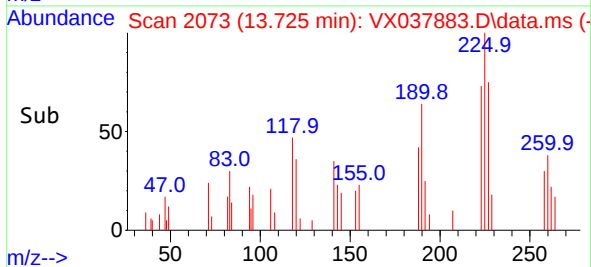
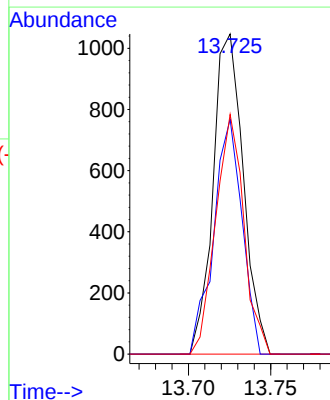
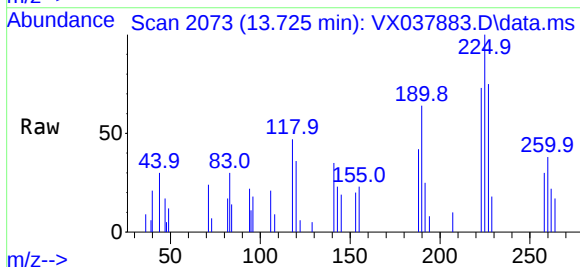
Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

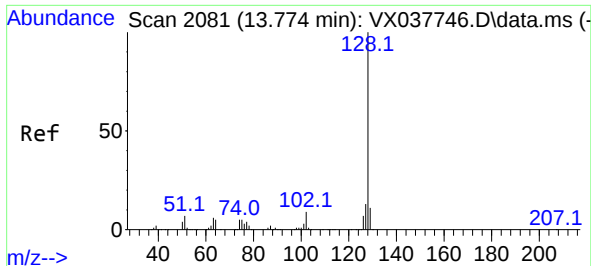
Tgt Ion:180	Resp:	2293
Ion	Ratio	Lower Upper
180	100	
182	85.9	48.3 144.8
145	28.7	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.773 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion:225	Resp:	1339
Ion	Ratio	Lower Upper
225	100	
223	68.9	31.1 93.2
227	69.7	32.5 97.5

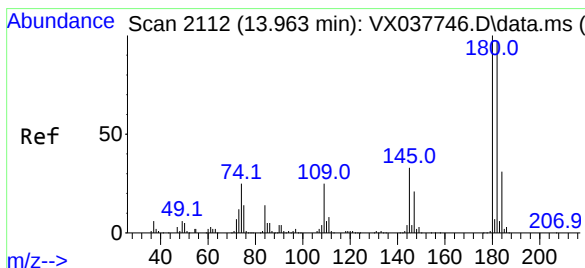
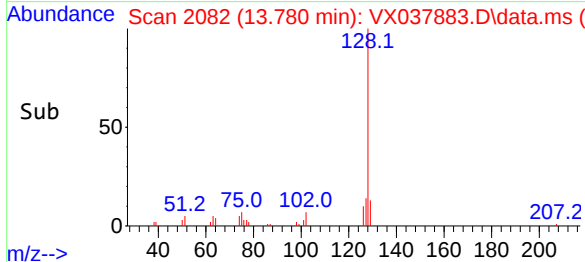
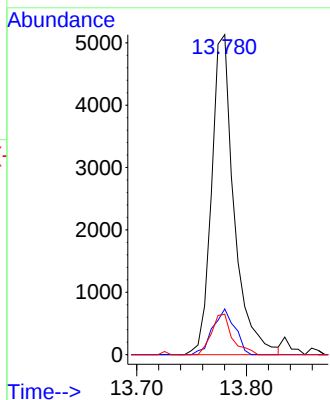
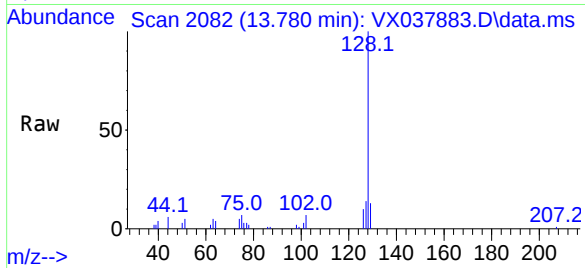




#95
Naphthalene
Concen: 0.583 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0925MBL01

Tgt Ion:	128	Resp:	7313
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	11.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.667 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037883.D
Acq: 25 Sep 2023 09:48

Tgt Ion:	180	Resp:	2546
Ion	Ratio	Lower	Upper
180	100		
182	88.3	46.9	140.6
145	30.0	17.8	53.5

