

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013276.D
 Acq On : 12 Apr 2023 18:56
 Operator : KP/MD
 Sample : 02232-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230203-3-1

Quant Time: Apr 13 06:18:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

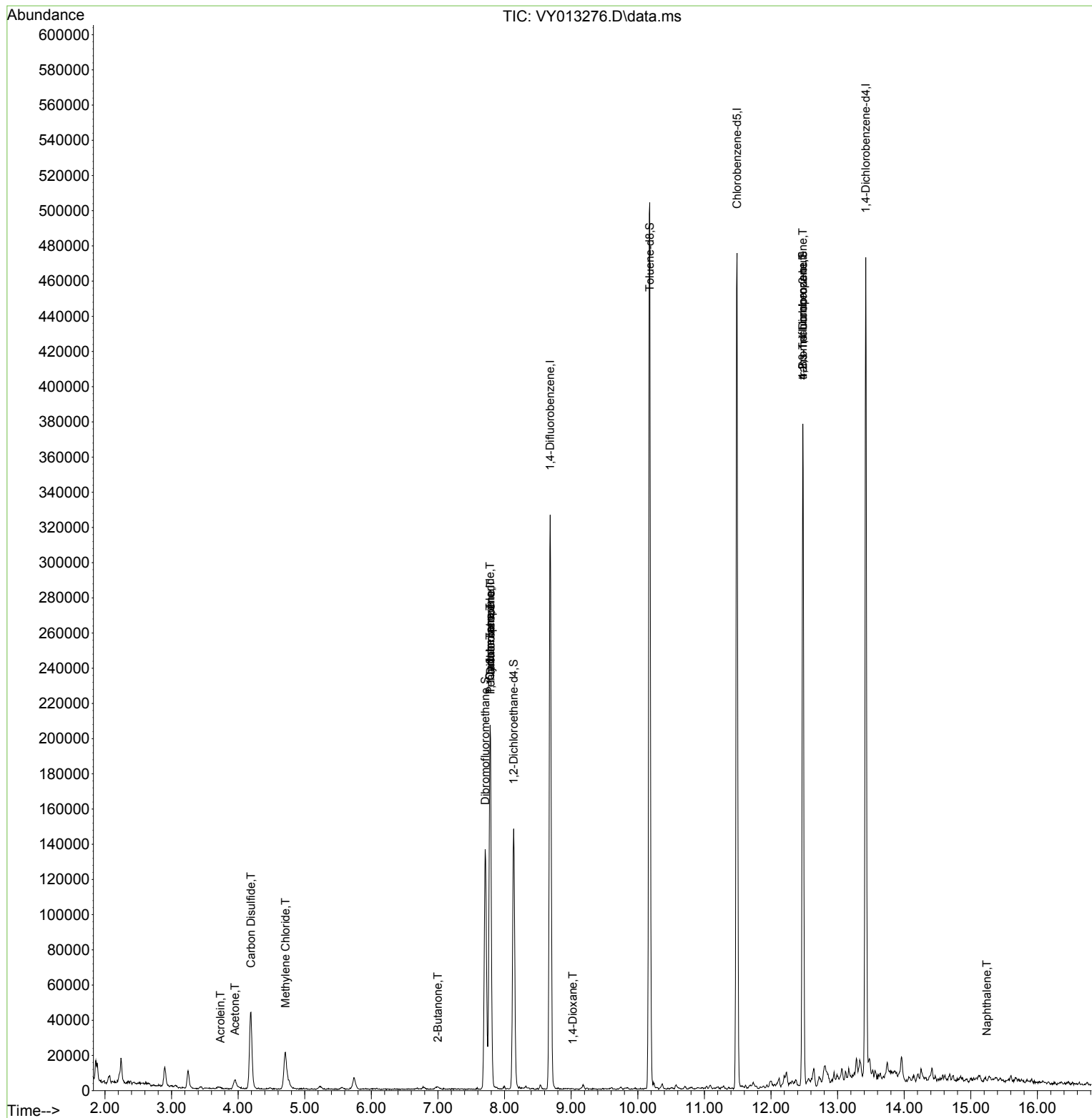
Internal Standards						
1) Pentafluorobenzene	7.789	168	154159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117518	63.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.860%	
35) Dibromofluoromethane	7.710	113	95155	54.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.640%	
50) Toluene-d8	10.179	98	328377	50.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.477	95	104359	49.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	114	Below Cal	#	74
13) Acrolein	3.735	56	1214	5.334	ug/l #	14
16) Acetone	3.954	43	11338	17.799	ug/l	99
17) Carbon Disulfide	4.192	76	87004	18.218	ug/l	98
20) Methylene Chloride	4.710	84	14110	4.498	ug/l	92
25) 2-Butanone	6.997	43	2606	3.195	ug/l #	76
31) Cyclohexane	7.783	56	4562	1.629	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	12679	4.822	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15722	5.407	ug/l #	16
49) 1,4-Dioxane	9.027	88	38	2.359	ug/l #	30
76) 1,2,3-Trichloropropane	12.477	75	58151	40.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58151	83.442	ug/l #	13
95) Naphthalene	15.239	128	653	3.324	ug/l #	69

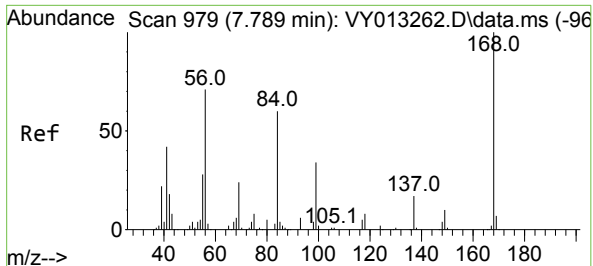
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
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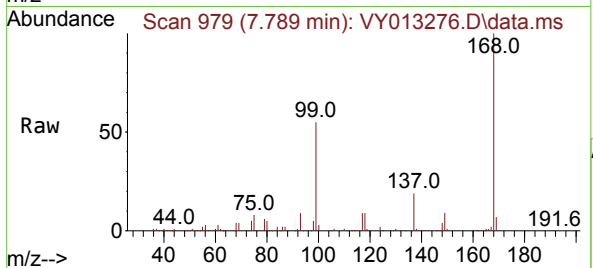
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



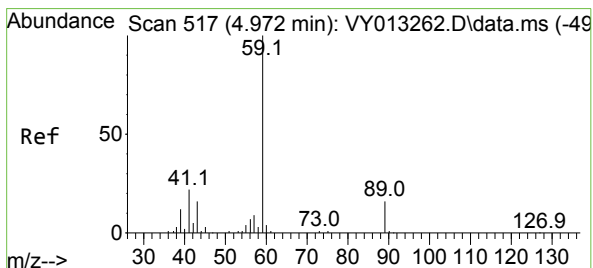
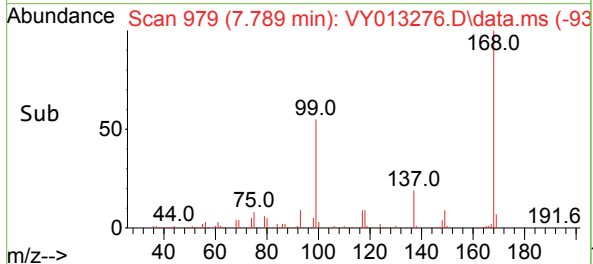
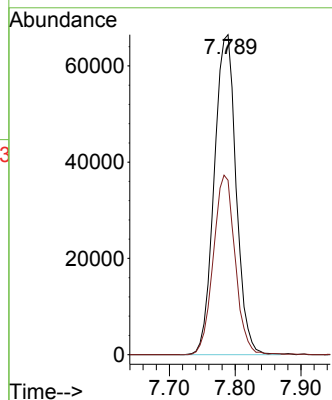


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

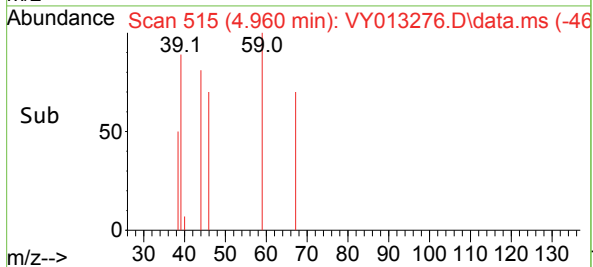
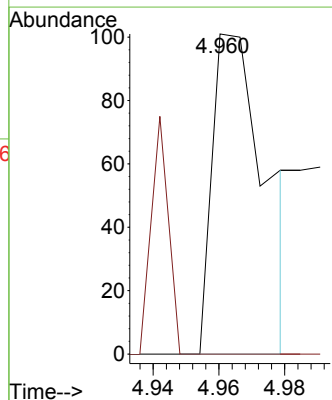
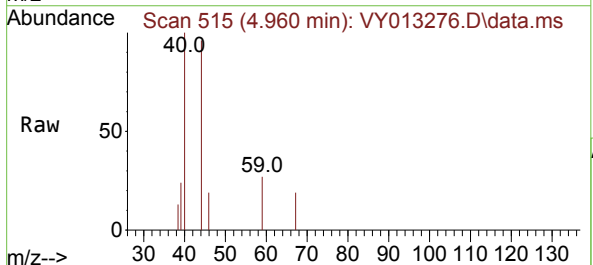


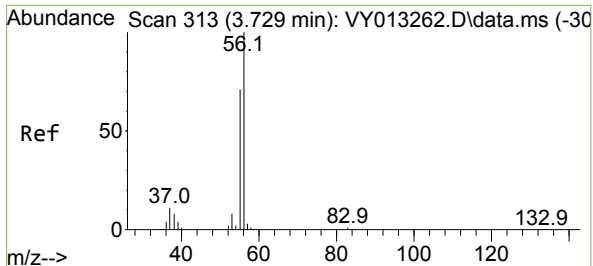
Tgt Ion:168 Resp: 154159
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 5.334 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY013276.D

Acq: 12 Apr 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

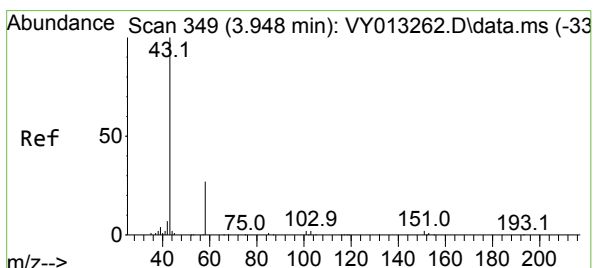
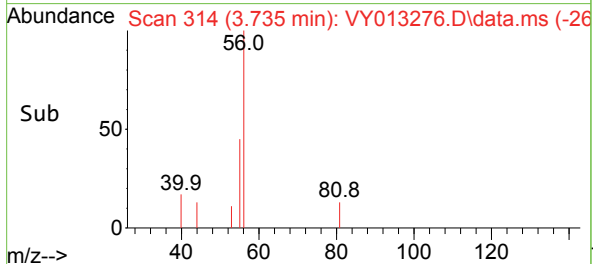
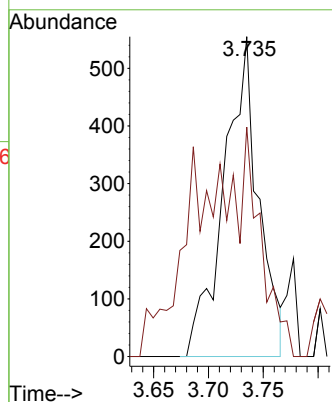
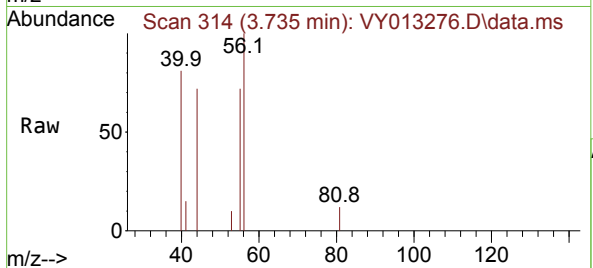
20230203-3-1

Tgt Ion: 56 Resp: 1214

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



#16

Acetone

Concen: 17.799 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013276.D

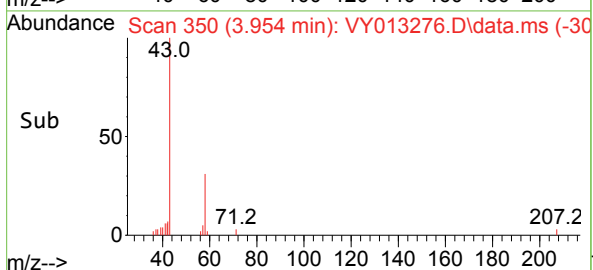
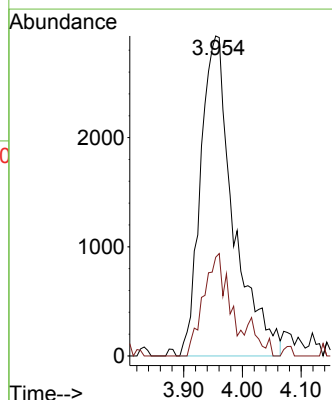
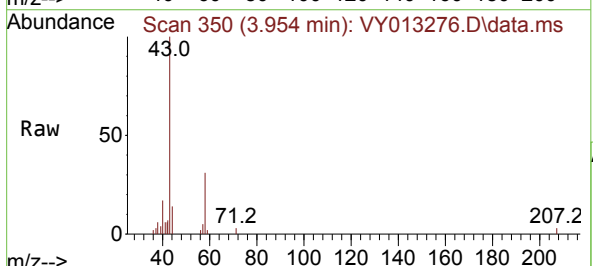
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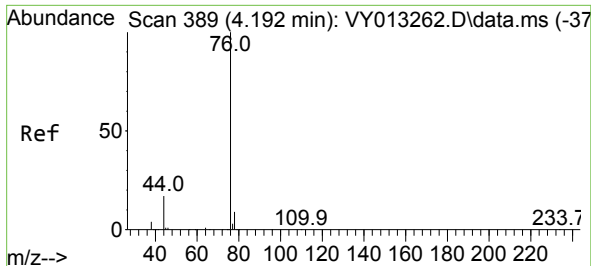
Tgt Ion: 43 Resp: 11338

Ion Ratio Lower Upper

43 100

58 30.8 24.2 36.2

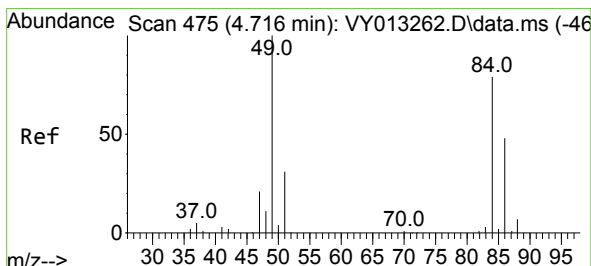
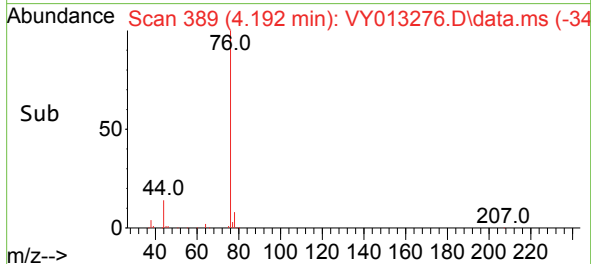
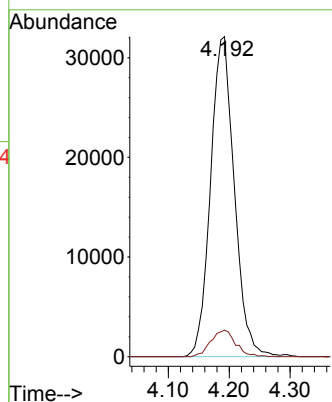
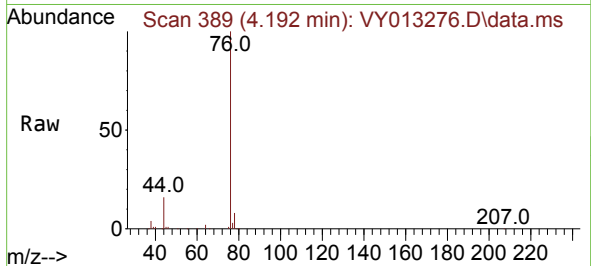




#17
Carbon Disulfide
Concen: 18.218 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

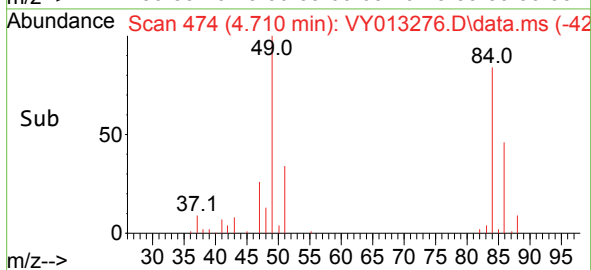
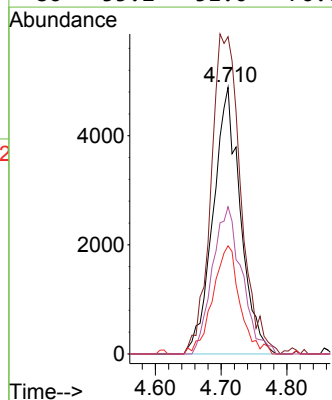
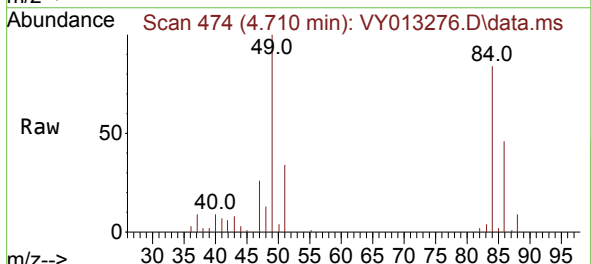
Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

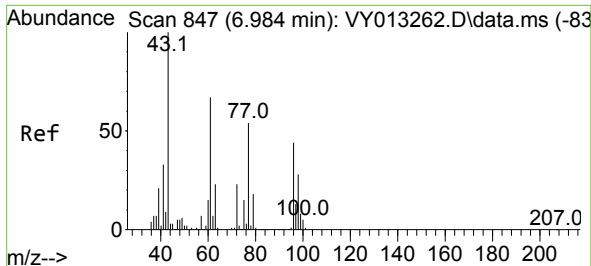
Tgt Ion: 76 Resp: 87004
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#20
Methylene Chloride
Concen: 4.498 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 84 Resp: 14110
Ion Ratio Lower Upper
84 100
49 119.0 102.6 154.0
51 40.6 31.9 47.9
86 55.2 51.0 76.6

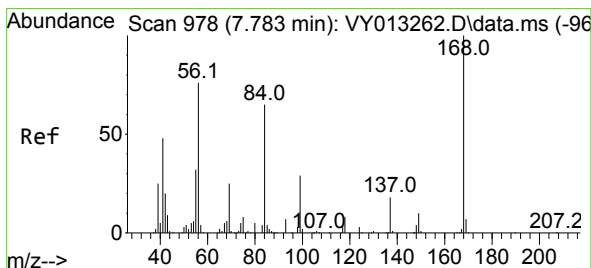
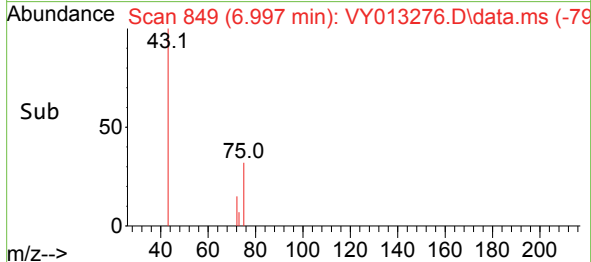
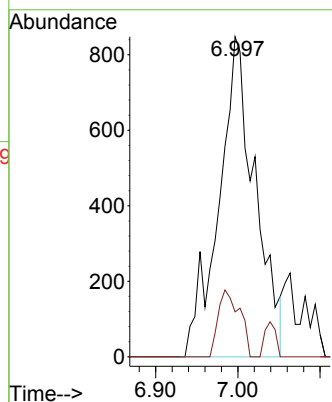
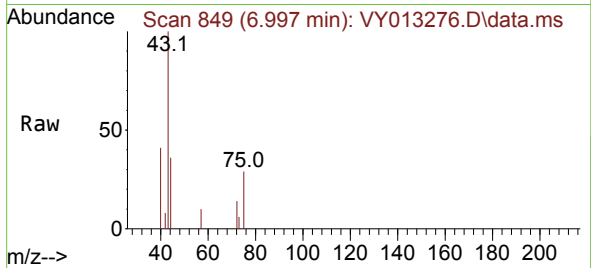




#25
2-Butanone
Concen: 3.195 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

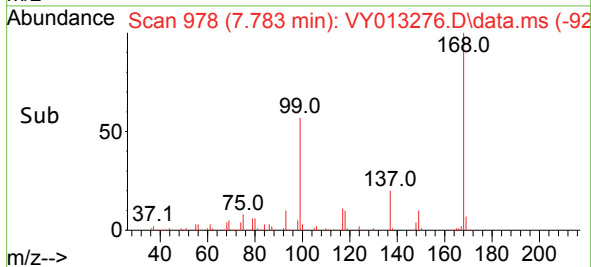
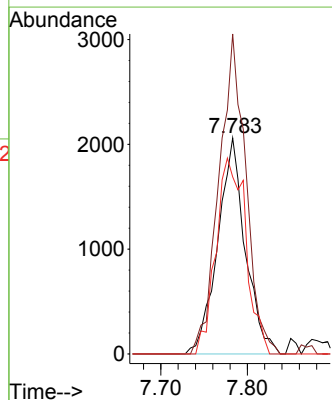
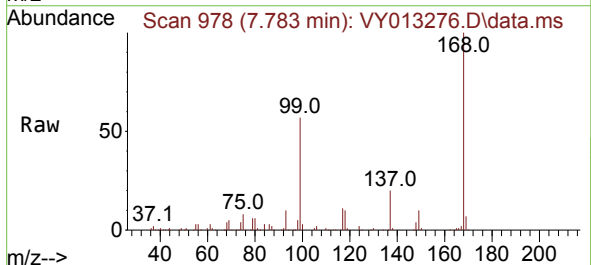
Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

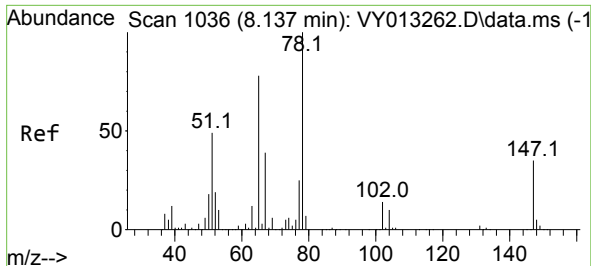
Tgt Ion: 43 Resp: 2606
Ion Ratio Lower Upper
43 100
72 14.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.629 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 56 Resp: 4562
Ion Ratio Lower Upper
56 100
69 148.1 25.7 38.5#
84 82.0 64.3 96.5

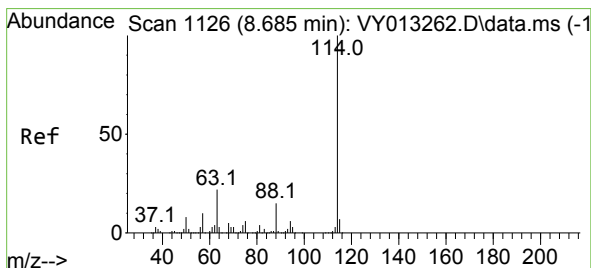
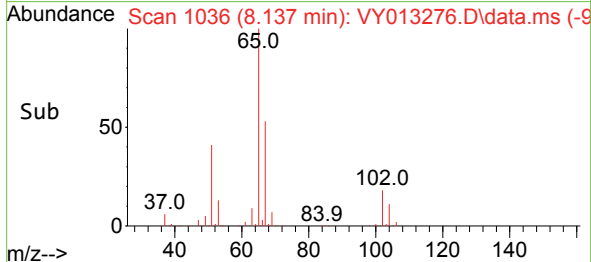
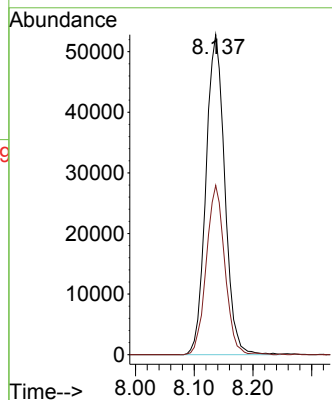
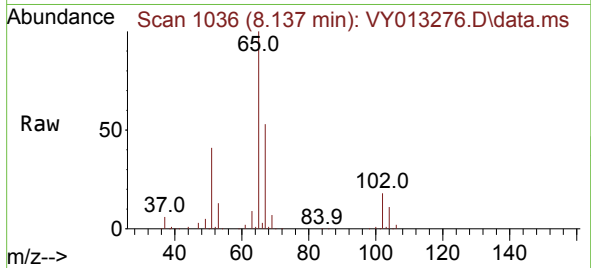




#33
 1,2-Dichloroethane-d4
 Concen: 63.433 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013276.D
 Acq: 12 Apr 2023 18:56

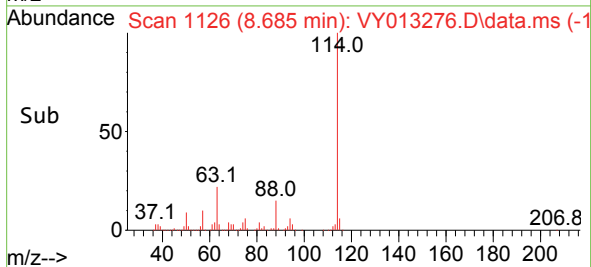
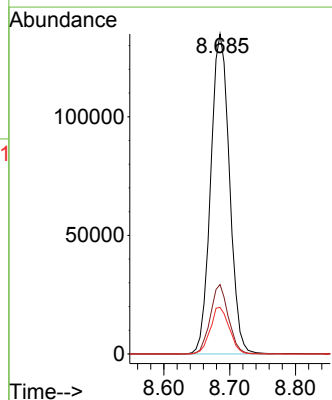
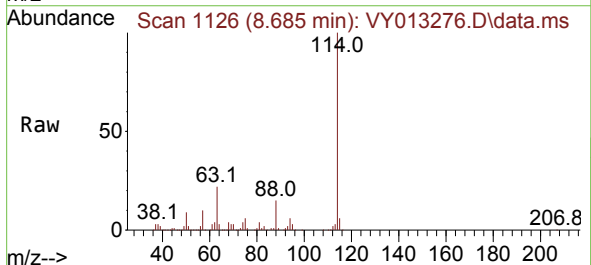
Instrument :
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 ClientSampleId :
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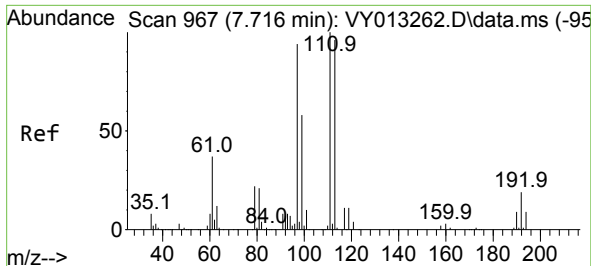
Tgt Ion: 65 Resp: 117518
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013276.D
 Acq: 12 Apr 2023 18:56

Tgt Ion: 114 Resp: 268107
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 37.4
 88 14.6 0.0 28.6

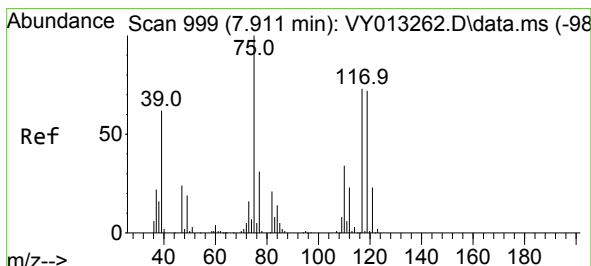
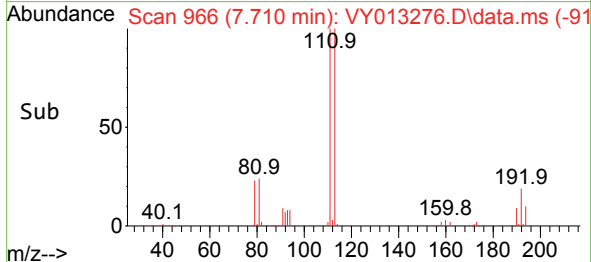
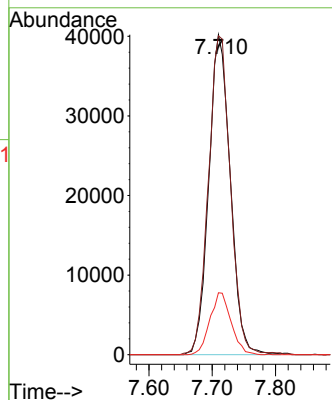
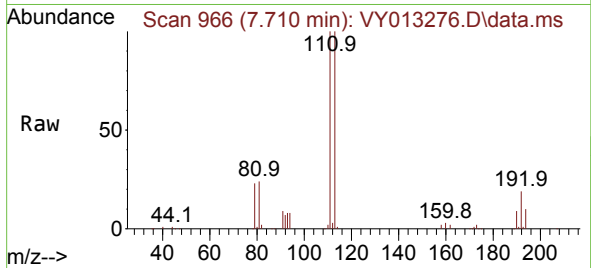




#35
 Dibromofluoromethane
 Concen: 54.822 ug/l
 RT: 7.710 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY013276.D
 Acq: 12 Apr 2023 18:56

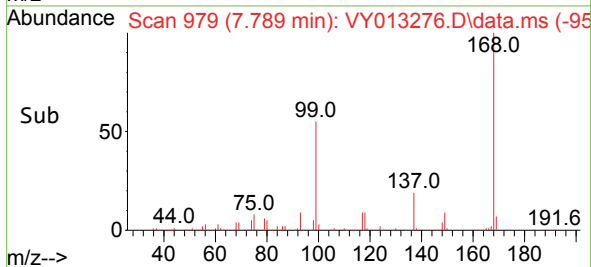
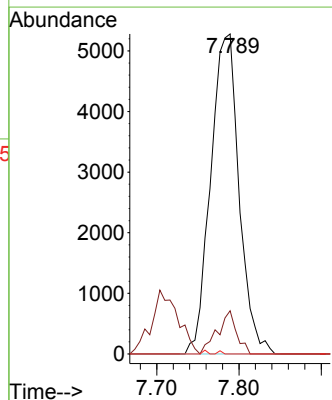
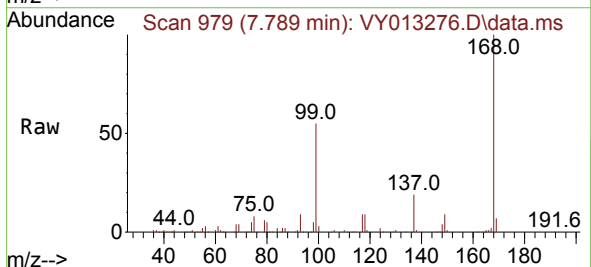
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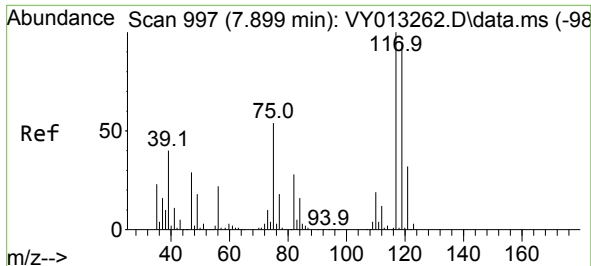
Tgt Ion:113 Resp: 95155
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 19.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.822 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY013276.D
 Acq: 12 Apr 2023 18:56

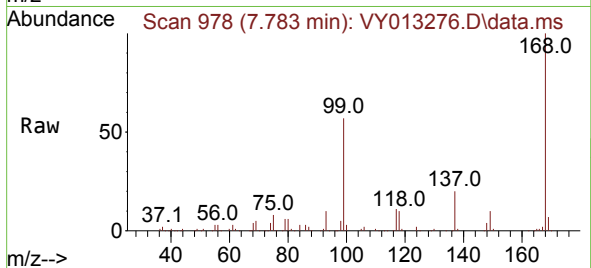
Tgt Ion: 75 Resp: 12679
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.3#
 77 0.2 25.0 37.4#



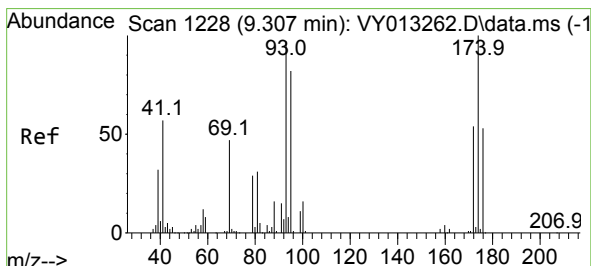
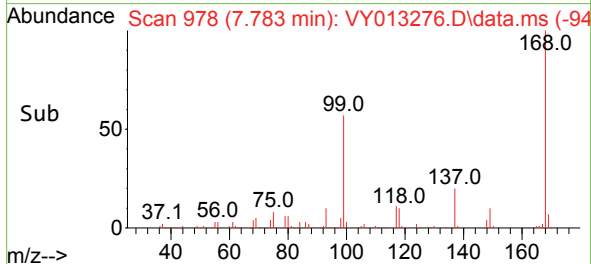
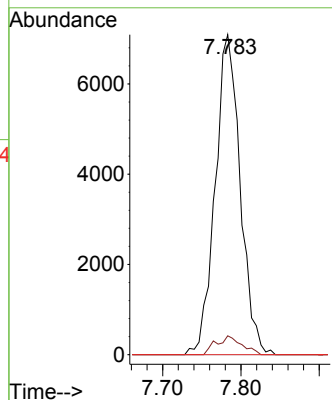


#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

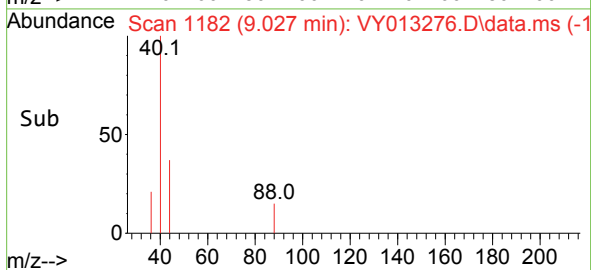
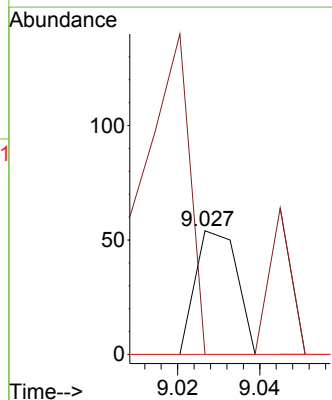
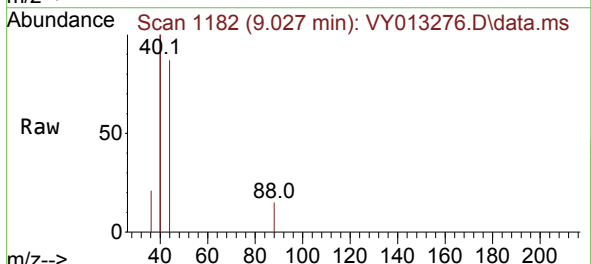


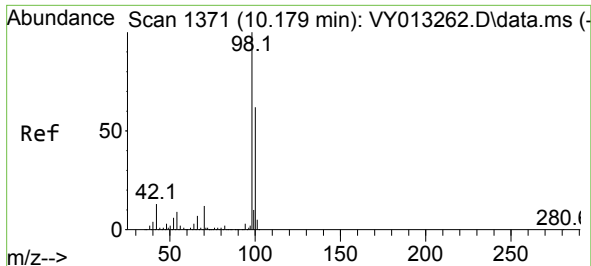
Tgt Ion:117 Resp: 15722
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 2.359 ug/l
RT: 9.027 min Scan# 1182
Delta R.T. -0.280 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 88 Resp: 38
Ion Ratio Lower Upper
88 100
43 60.5 28.6 42.8#
58 0.0 55.2 82.8#

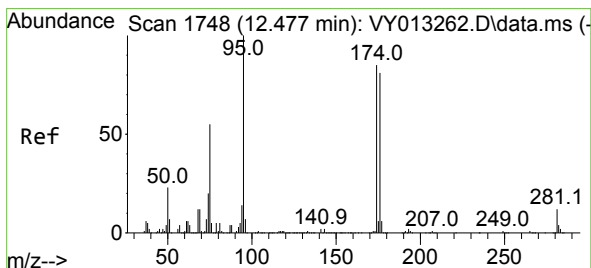
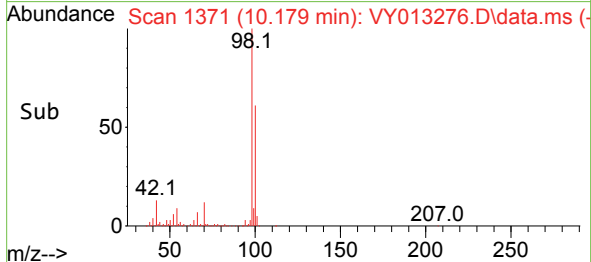
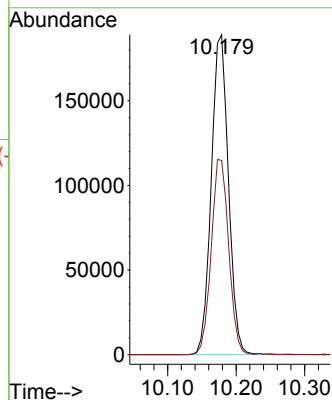
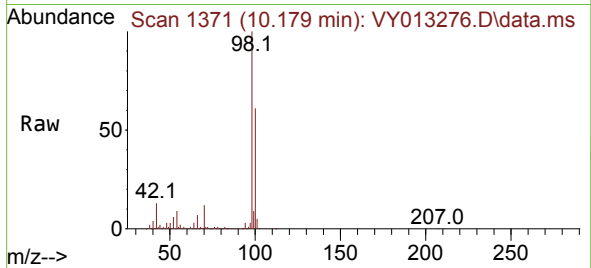




#50
Toluene-d8
Concen: 50.828 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

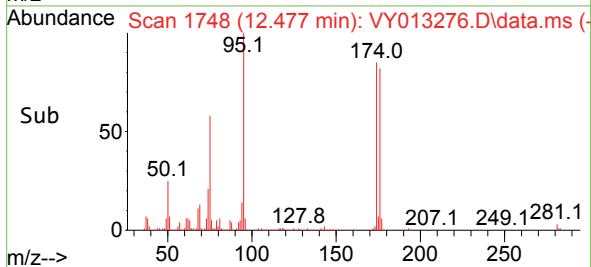
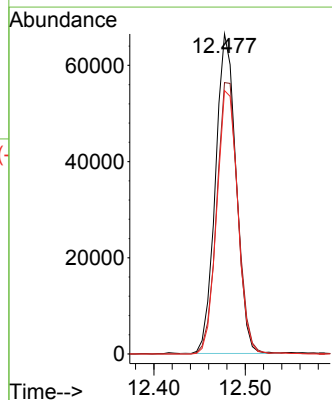
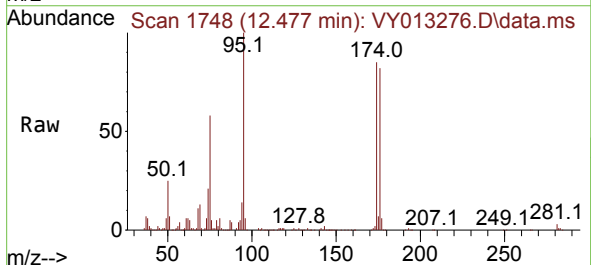
Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

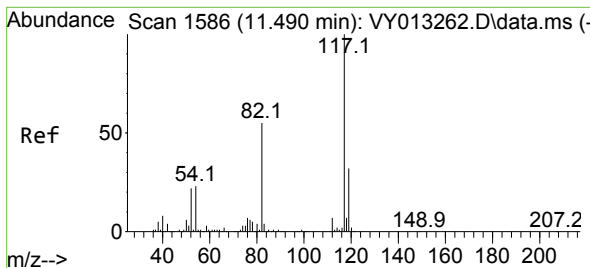
Tgt Ion: 98 Resp: 328377
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 95 Resp: 104359
Ion Ratio Lower Upper
95 100
174 87.2 0.0 176.6
176 84.0 0.0 170.2

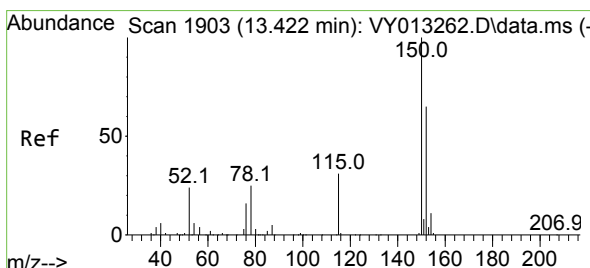
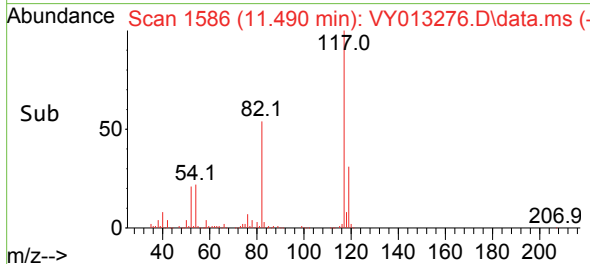
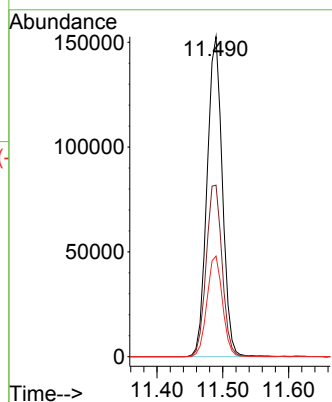
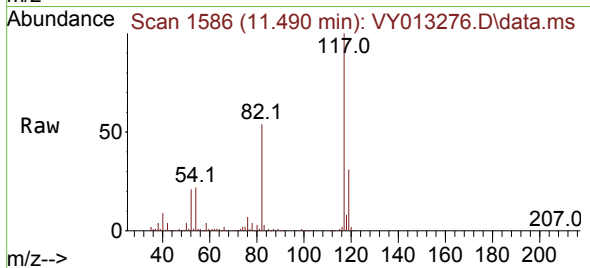




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

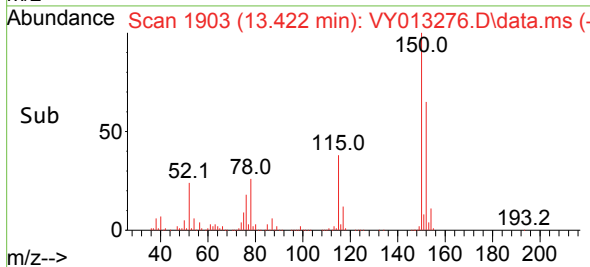
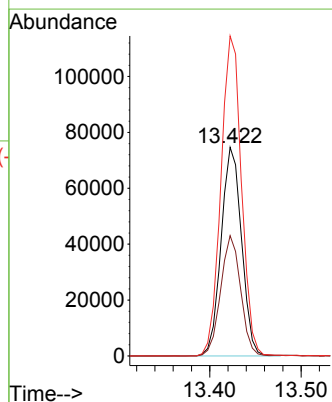
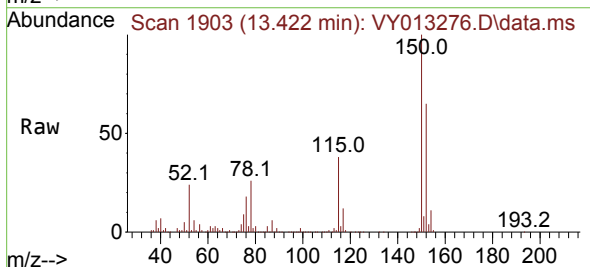
Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

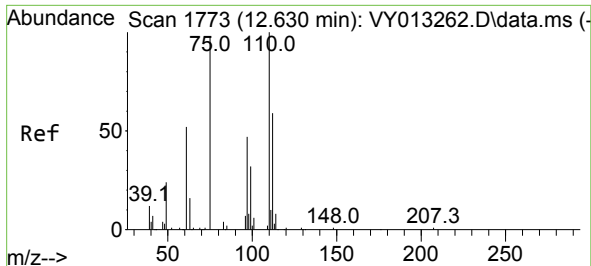
Tgt Ion:117 Resp: 246994
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion:152 Resp: 116078
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 154.6 0.0 347.8

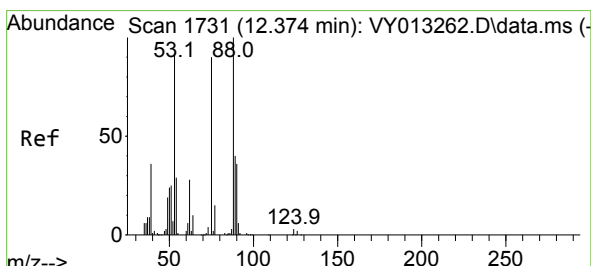
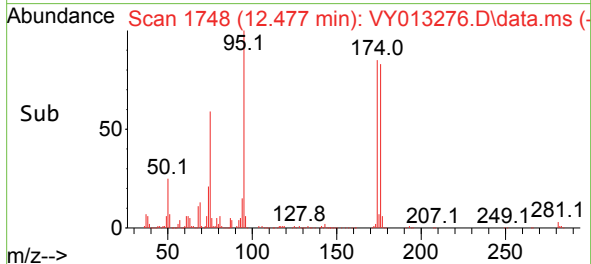
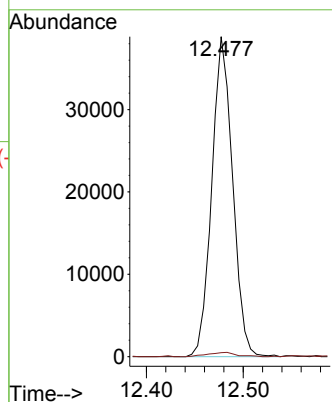
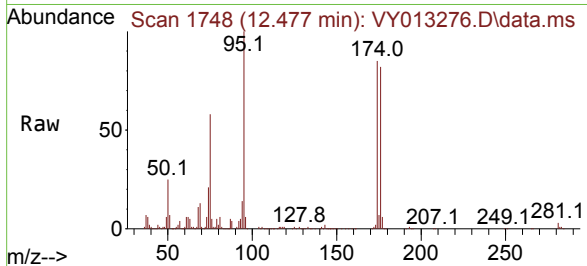




#76
1,2,3-Trichloropropane
Concen: 40.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

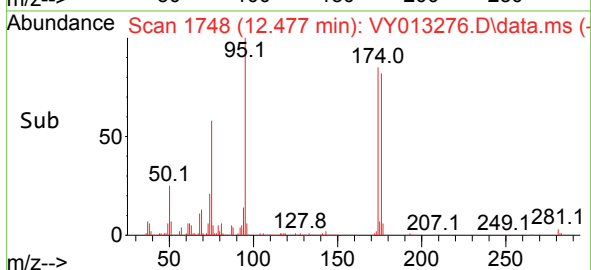
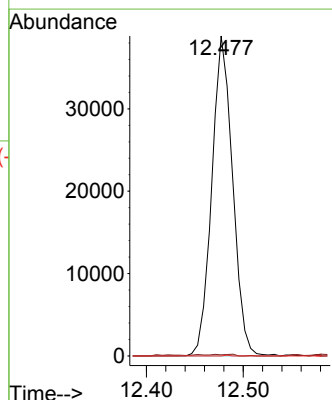
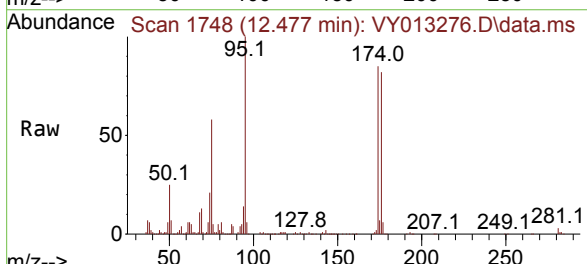
Instrument :
MSVOA_Y
ClientSampleId :
20230203-3-1

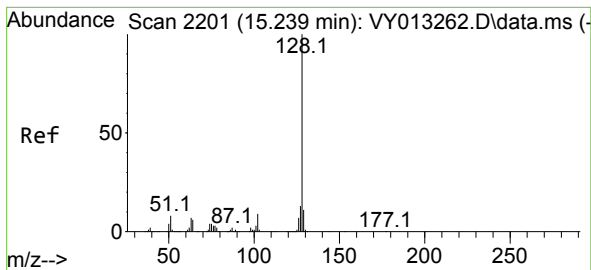
Tgt Ion: 75 Resp: 58151
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.442 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013276.D
Acq: 12 Apr 2023 18:56

Tgt Ion: 75 Resp: 58151
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.1 36.6 55.0#





#95

Naphthalene

Concen: 3.324 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013276.D

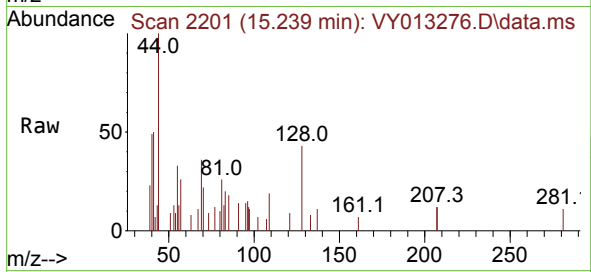
Acq: 12 Apr 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

20230203-3-1



Tgt Ion:128 Resp: 653

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

