

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009916.D
 Acq On : 09 Aug 2022 13:47
 Operator : KP/MD
 Sample : N4084-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSHED-AGGREGATE-PILE-A

Quant Time: Aug 09 23:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

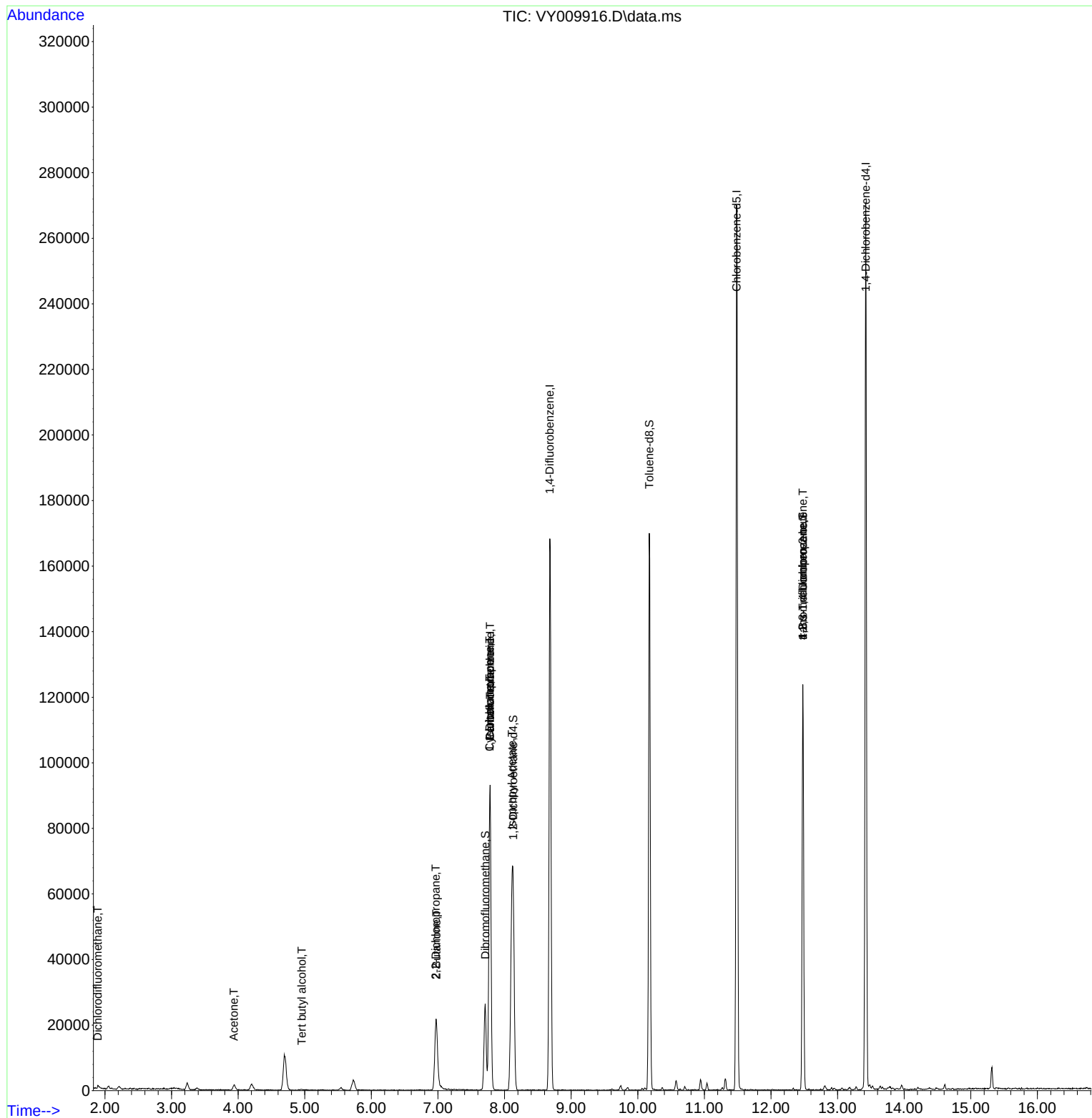
Internal Standards						
1) Pentafluorobenzene	7.783	168	71983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	143587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30837	55.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.710	113	18217	23.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 46.740%#	
50) Toluene-d8	10.173	98	107668	44.917	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.840%	
62) 4-Bromofluorobenzene	12.477	95	35915	33.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	742	1.208	ug/l	100
11) Tert butyl alcohol	4.954	59	338	4.142	ug/l #	78
16) Acetone	3.936	43	2802	13.799	ug/l	92
18) Methyl Acetate	4.460	43	43	Below Cal	#	52
20) Methylene Chloride	4.698	84	7942	Below Cal		95
25) 2-Butanone	6.978	43	1455	4.351	ug/l #	48
26) 2,2-Dichloropropane	6.966	77	1658	1.319	ug/l #	52
31) Cyclohexane	7.777	56	1649	1.180	ug/l #	38
36) 1,1-Dichloropropene	7.777	75	5872	4.465	ug/l #	48
38) Carbon Tetrachloride	7.783	117	7267	5.567	ug/l #	16
43) Isopropyl Acetate	8.112	43	1563	1.006	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	18474	25.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18474	51.935	ug/l #	13

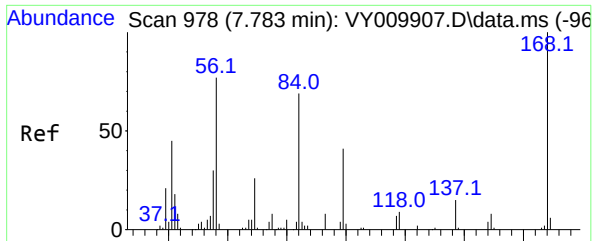
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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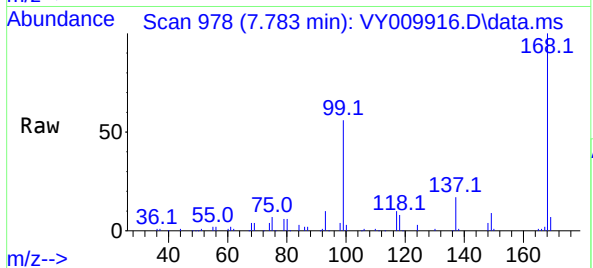
Quant Time: Aug 09 23:05:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
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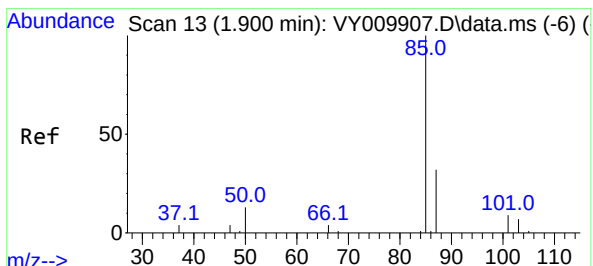
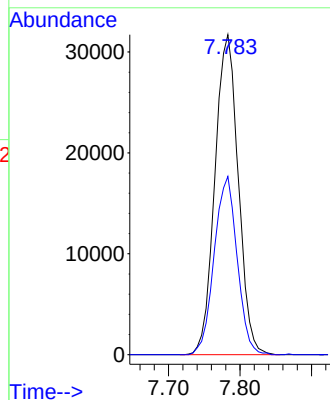
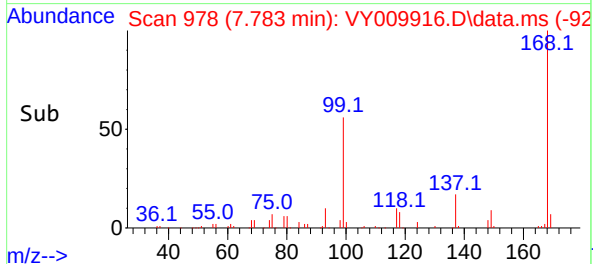


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Instrument :
MSVOA_Y
ClientSampleId :
RECOVERED-CRUSHED-AGGREGATE-PILE-A

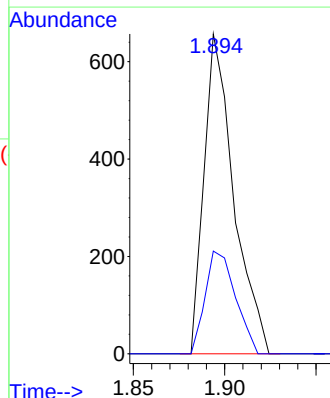
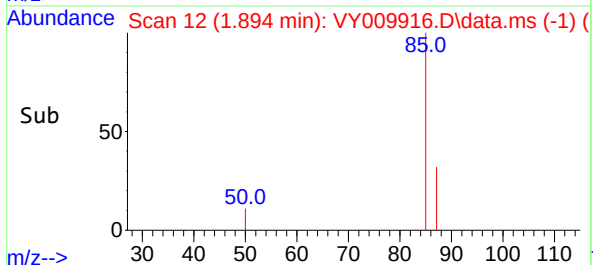
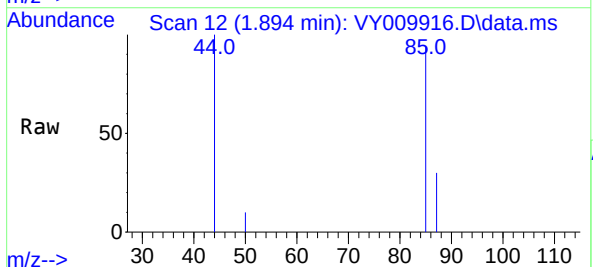


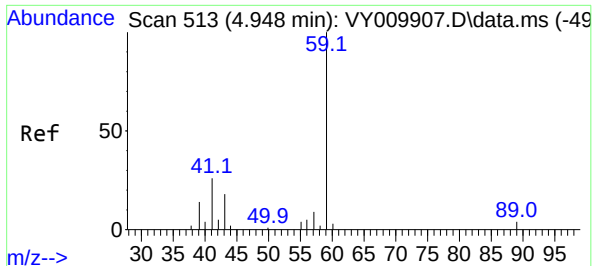
Tgt Ion:168 Resp: 71983
Ion Ratio Lower Upper
168 100
99 55.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.208 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 85 Resp: 742
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.5





#11
Tert butyl alcohol
Concen: 4.142 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

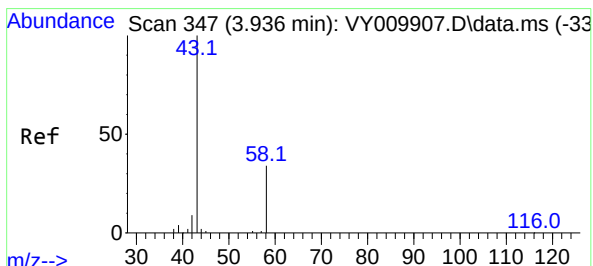
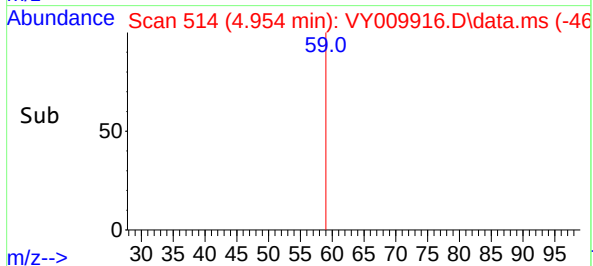
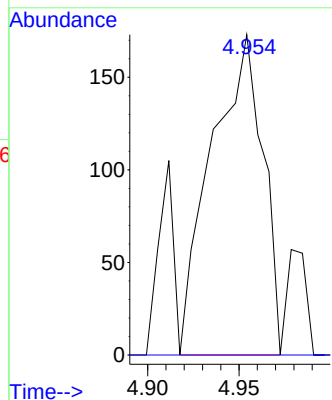
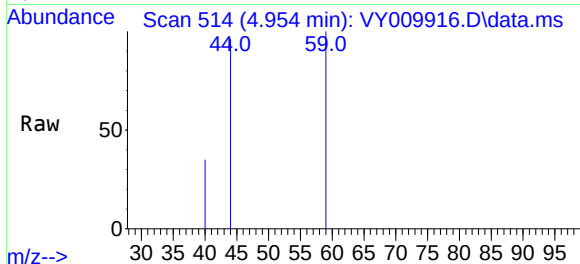
Instrument :

MSVOA_Y

ClientSampleId :

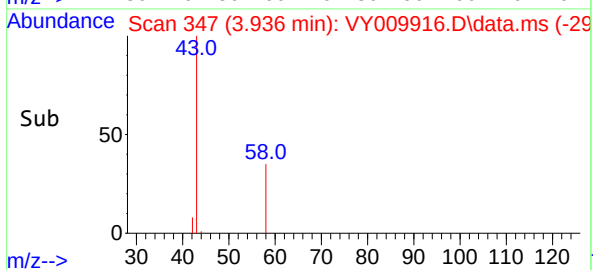
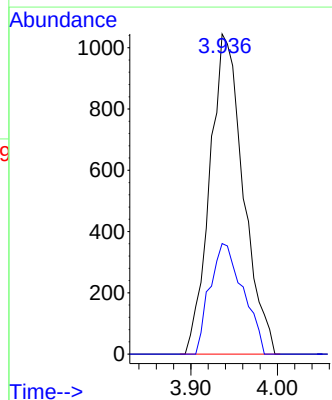
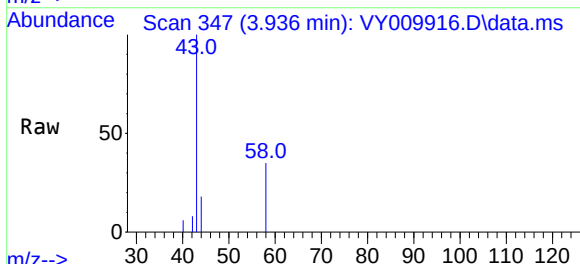
RECOVERED-CRUSHED-AGGREGATE-PILE-A

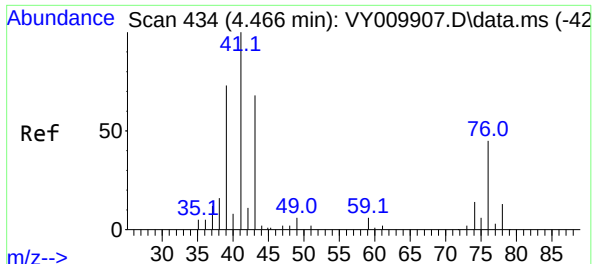
Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#16
Acetone
Concen: 13.799 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 2802
Ion Ratio Lower Upper
43 100
58 34.5 24.0 36.0

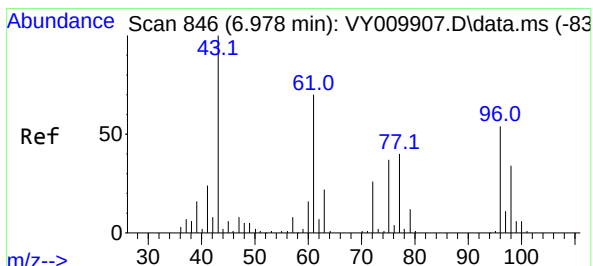
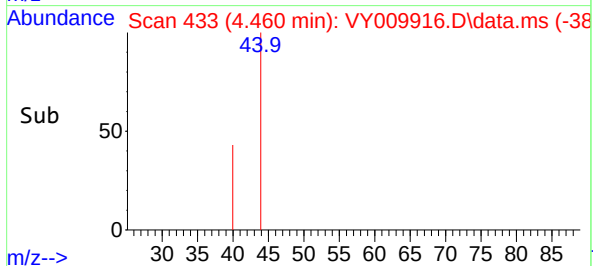
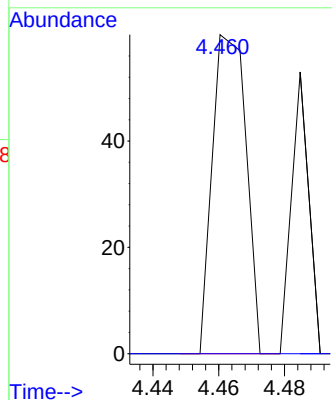
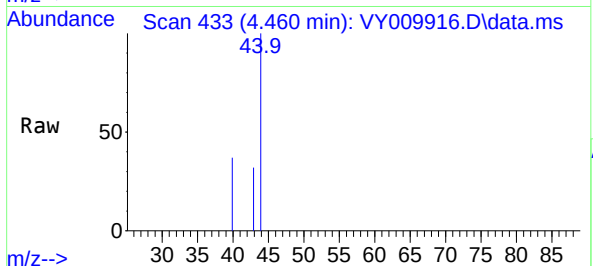




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

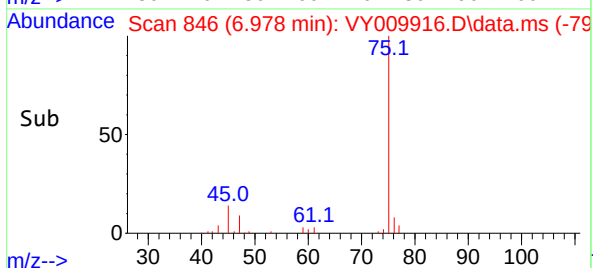
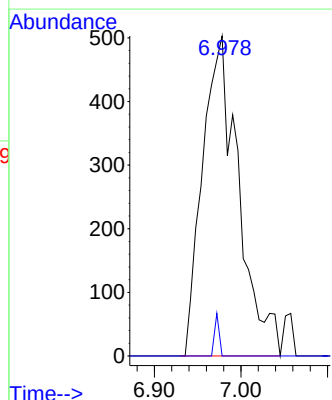
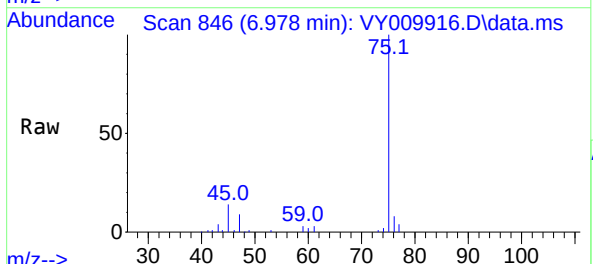
Instrument :
MSVOA_Y
ClientSampleId :
RECOVERED-CRUSHED-AGGREGATE-PILE-A

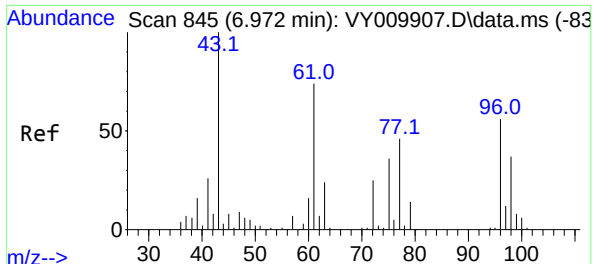
Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#25
2-Butanone
Concen: 4.351 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#





#26

2,2-Dichloropropane

Concen: 1.319 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009916.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

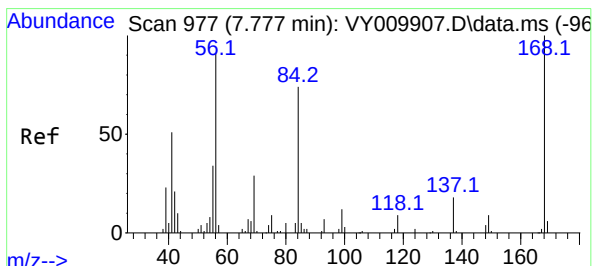
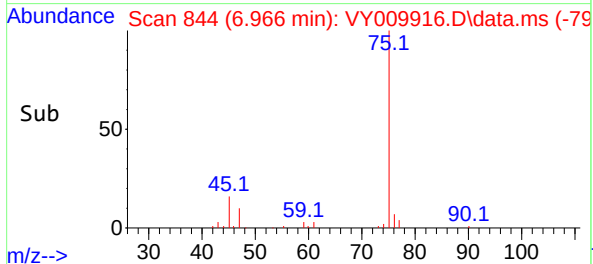
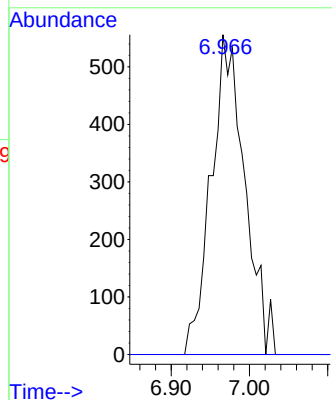
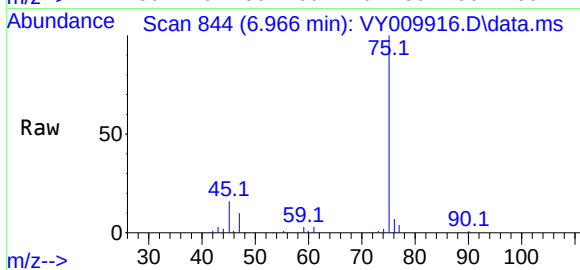
RECOVERED-CRUSHED-AGGREGATE-PILE-A

Tgt Ion: 77 Resp: 1658

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.001 min

Lab File: VY009916.D

Acq: 09 Aug 2022 13:47

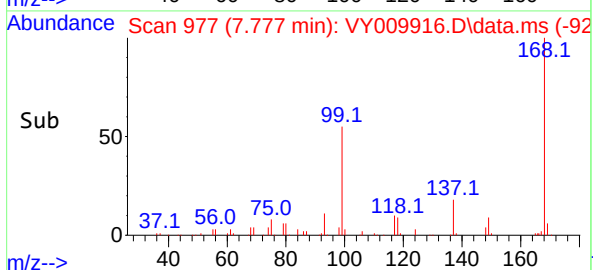
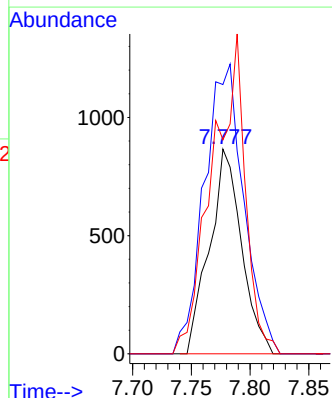
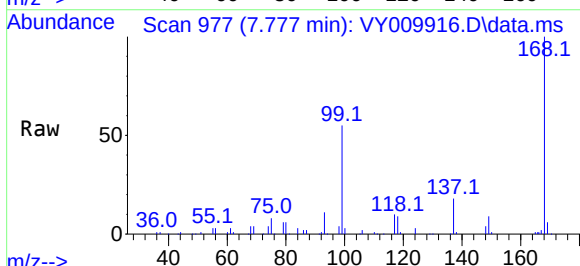
Tgt Ion: 56 Resp: 1649

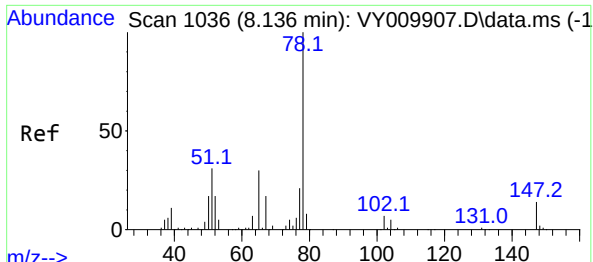
Ion Ratio Lower Upper

56 100

69 131.5 26.0 39.0#

84 104.6 69.5 104.3#





#33
1,2-Dichloroethane-d4
Concen: 55.335 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

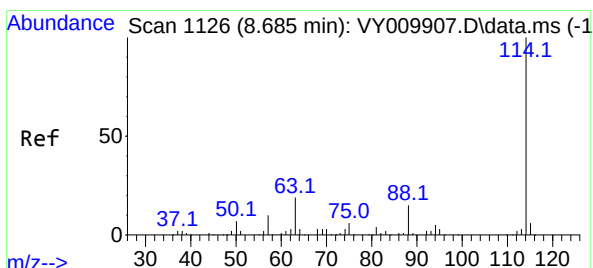
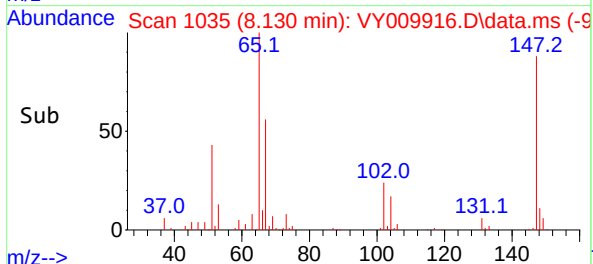
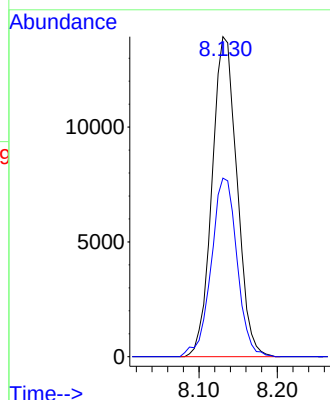
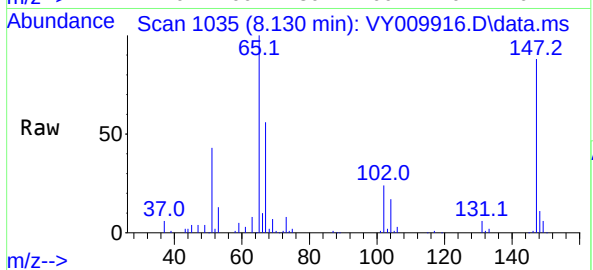
Instrument :

MSVOA_Y

ClientSampleId :

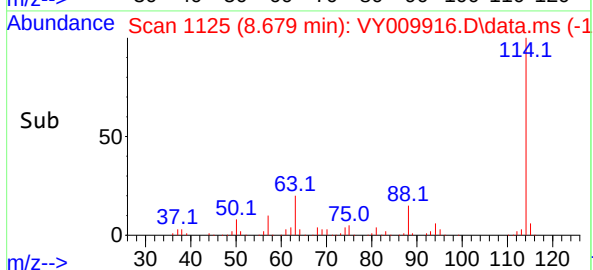
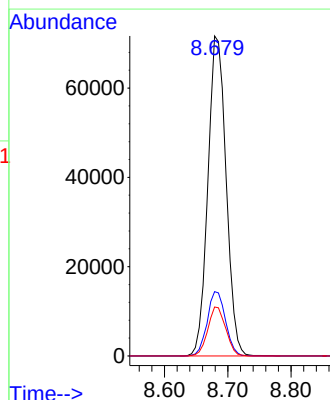
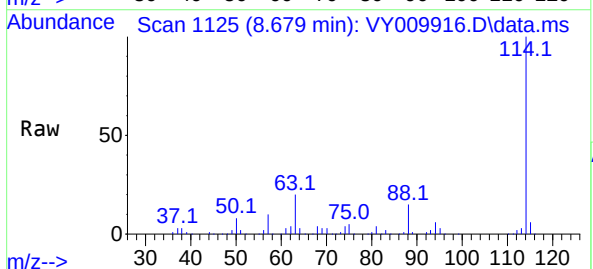
RECOVERED-CRUSHED-AGGREGATE-PILE-A

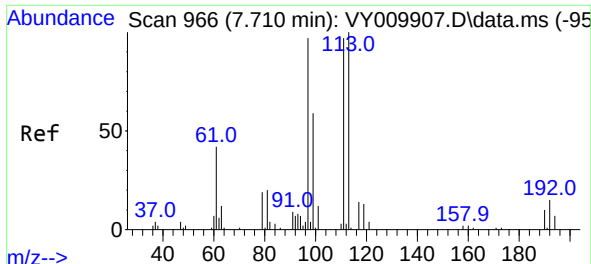
Tgt Ion: 65 Resp: 30837
Ion Ratio Lower Upper
65 100
67 57.8 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 114 Resp: 143587
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.0
88 15.3 0.0 30.0





#35
Dibromofluoromethane
Concen: 23.371 ug/l
RT: 7.710 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

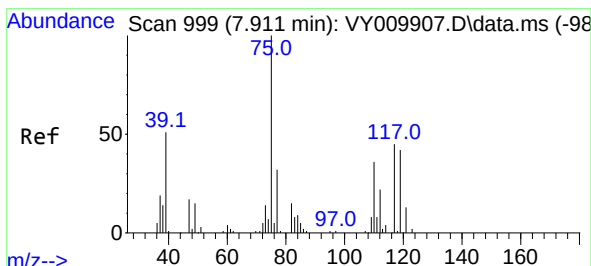
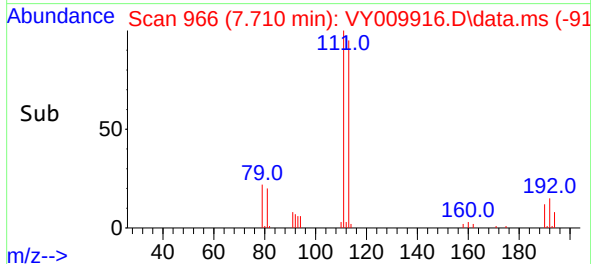
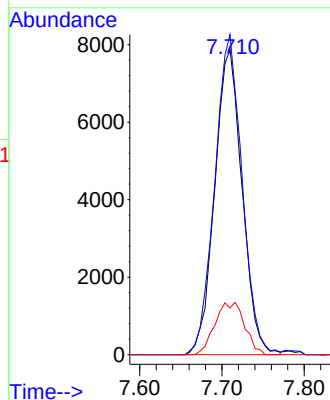
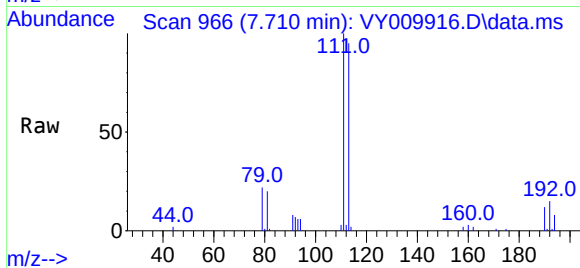
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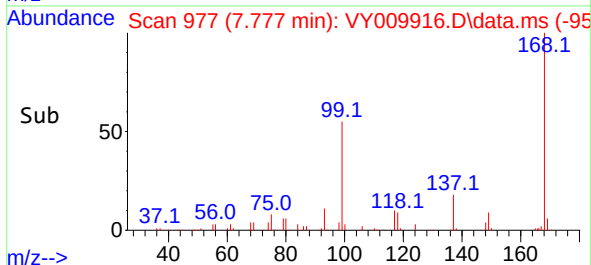
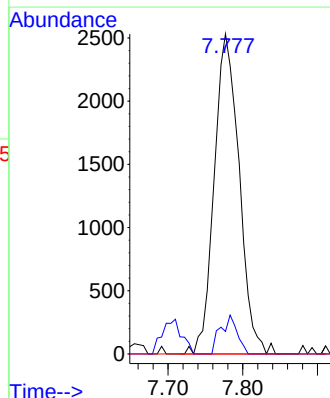
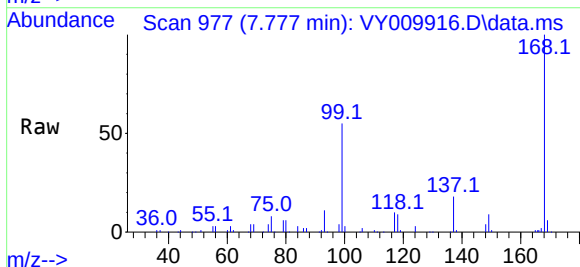
RECOVERED-CRUSHED-AGGREGATE-PILE-A

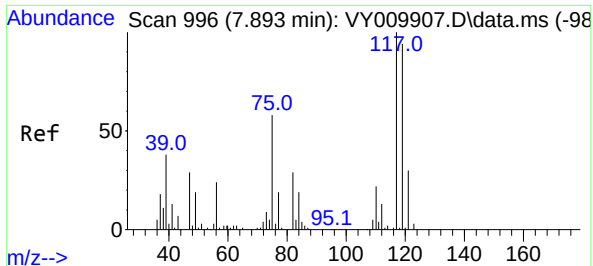
Tgt Ion:113 Resp: 18217
Ion Ratio Lower Upper
113 100
111 104.5 80.6 120.8
192 18.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.465 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 75 Resp: 5872
Ion Ratio Lower Upper
75 100
110 8.1 18.6 56.0#
77 0.0 25.0 37.4#





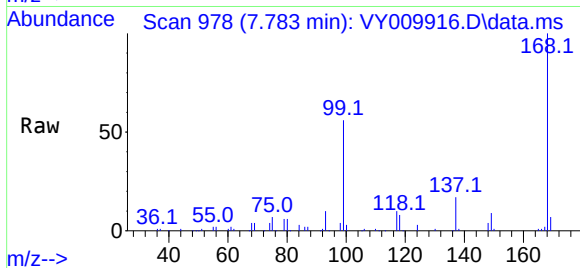
#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Instrument :

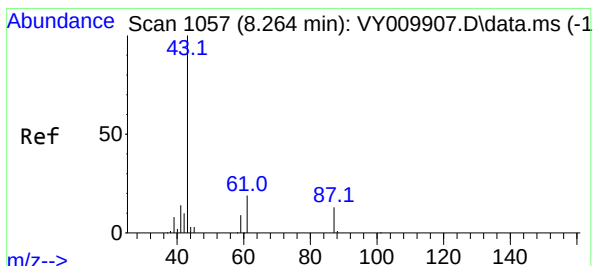
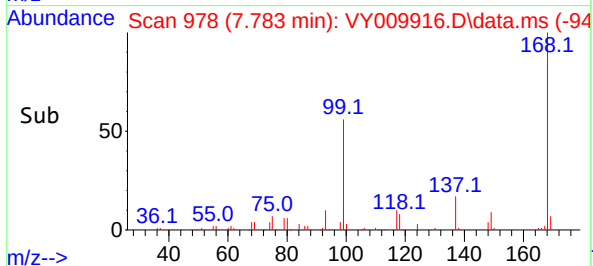
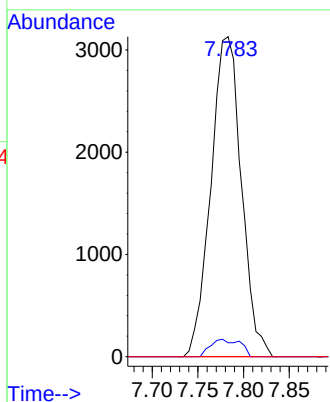
MSVOA_Y

ClientSampleId :

RECOVERED-CRUSHED-AGGREGATE-PILE-A

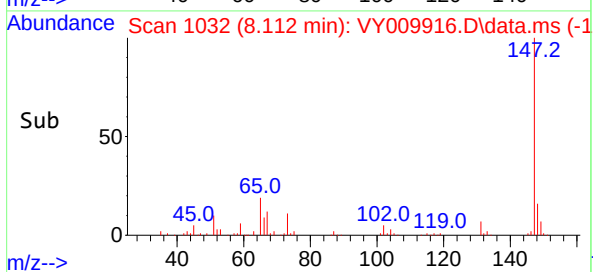
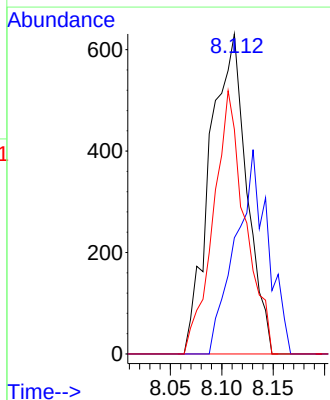
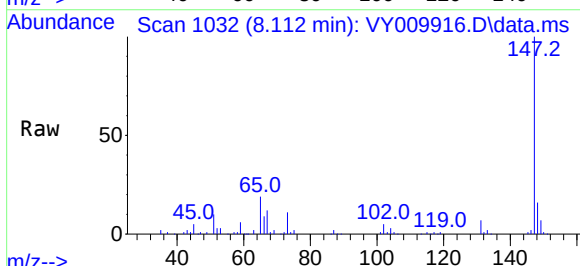


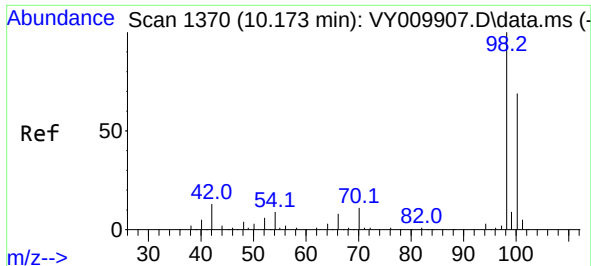
Tgt Ion:117 Resp: 7267
Ion Ratio Lower Upper
117 100
119 4.3 75.9 113.9#
121 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.006 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.152 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
61 0.0 23.6 35.4#
87 71.5 11.3 16.9#





#50
Toluene-d8
Concen: 44.917 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

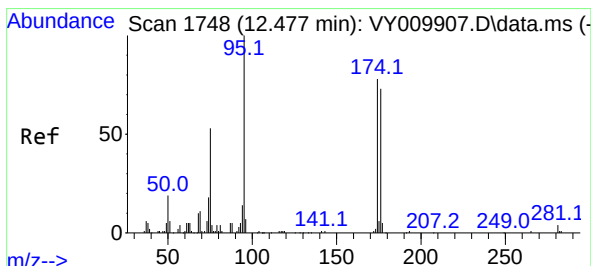
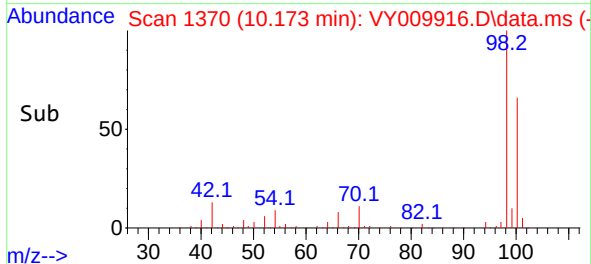
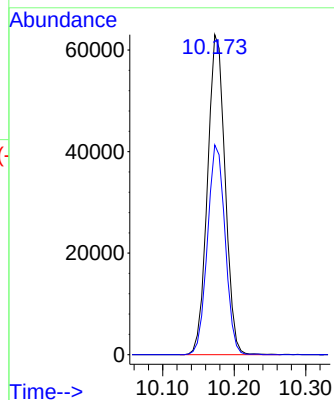
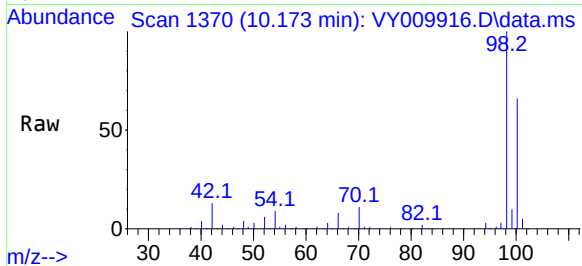
Instrument :

MSVOA_Y

ClientSampleId :

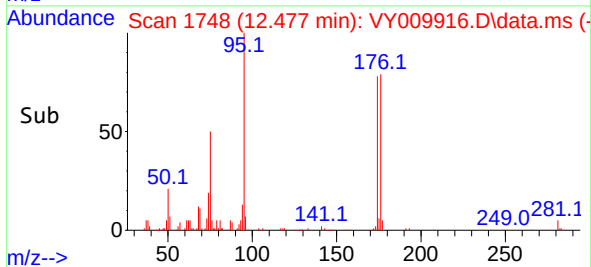
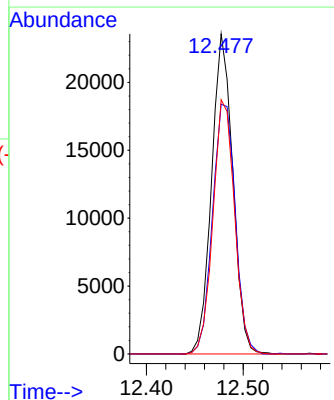
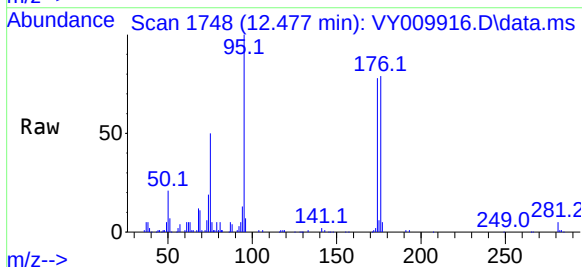
RECOVERED-CRUSHED-AGGREGATE-PILE-A

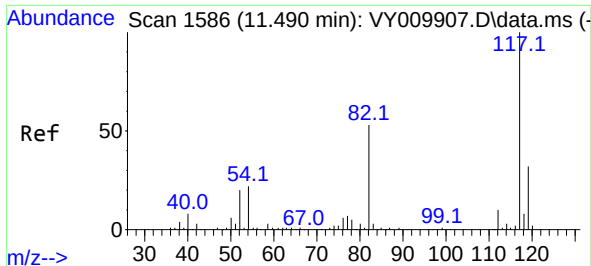
Tgt Ion: 98 Resp: 107668
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 33.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 95 Resp: 35915
Ion Ratio Lower Upper
95 100
174 84.0 0.0 173.8
176 80.7 0.0 167.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

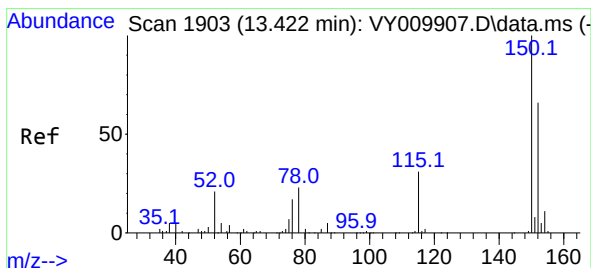
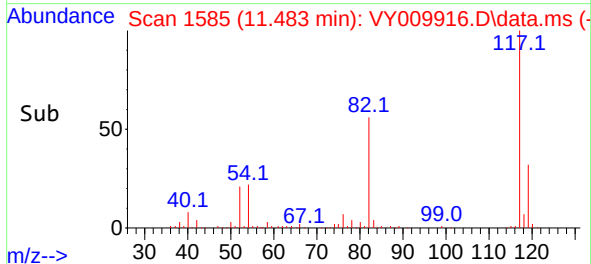
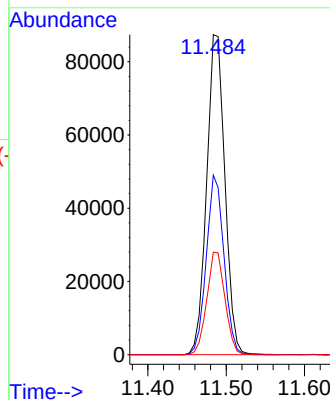
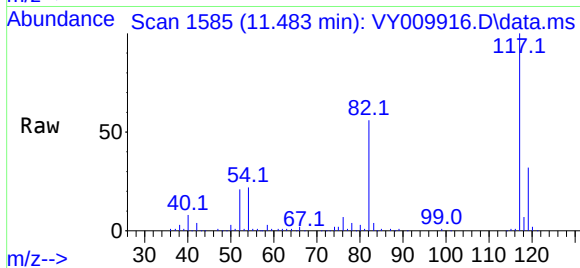
Instrument :

MSVOA_Y

ClientSampleId :

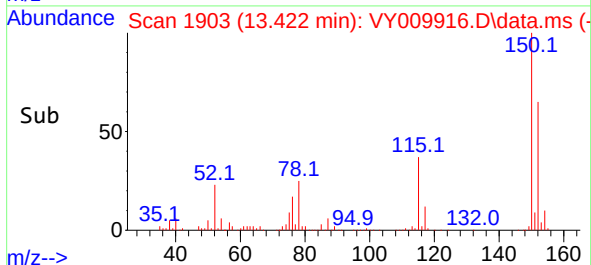
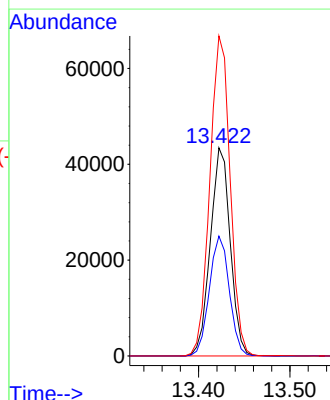
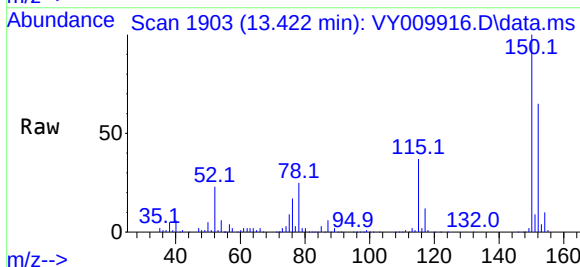
RECOVERED-CRUSHED-AGGREGATE-PILE-A

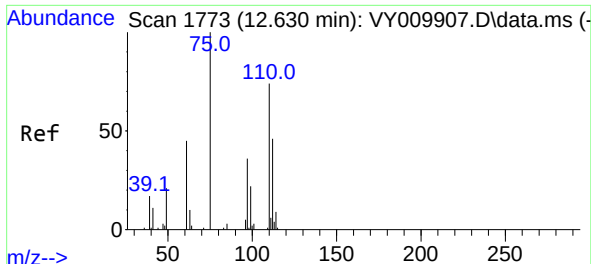
Tgt Ion:117 Resp: 141133
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.6
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion:152 Resp: 65732
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.9
150 156.4 0.0 349.8

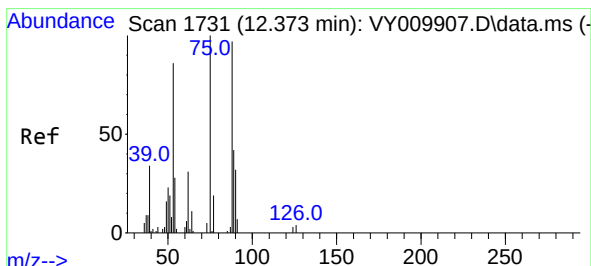
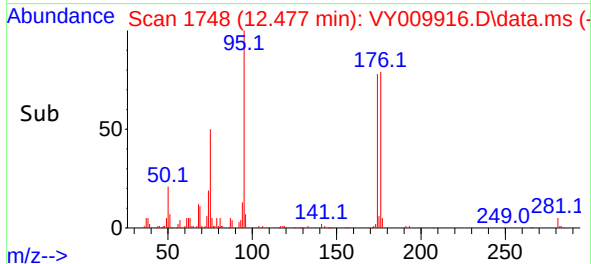
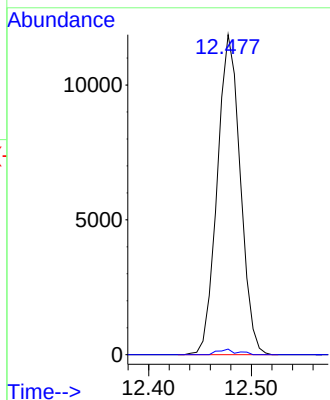
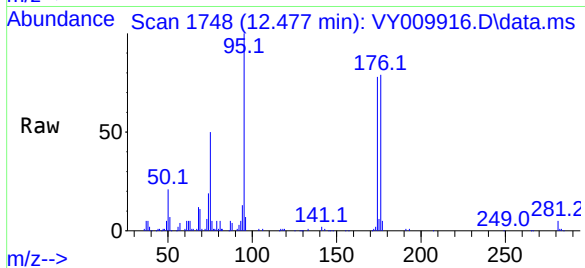




#76
1,2,3-Trichloropropane
Concen: 25.688 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Instrument : MSVOA_Y
ClientSampleId : RECOVERED-CRUSHED-AGGREGATE-PILE-A

Tgt Ion: 75 Resp: 18474
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.935 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 75 Resp: 18474
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

