

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010519.D
 Acq On : 15 Sep 2022 18:23
 Operator : KP/MD
 Sample : N4630-24
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Quant Time: Sep 16 02:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

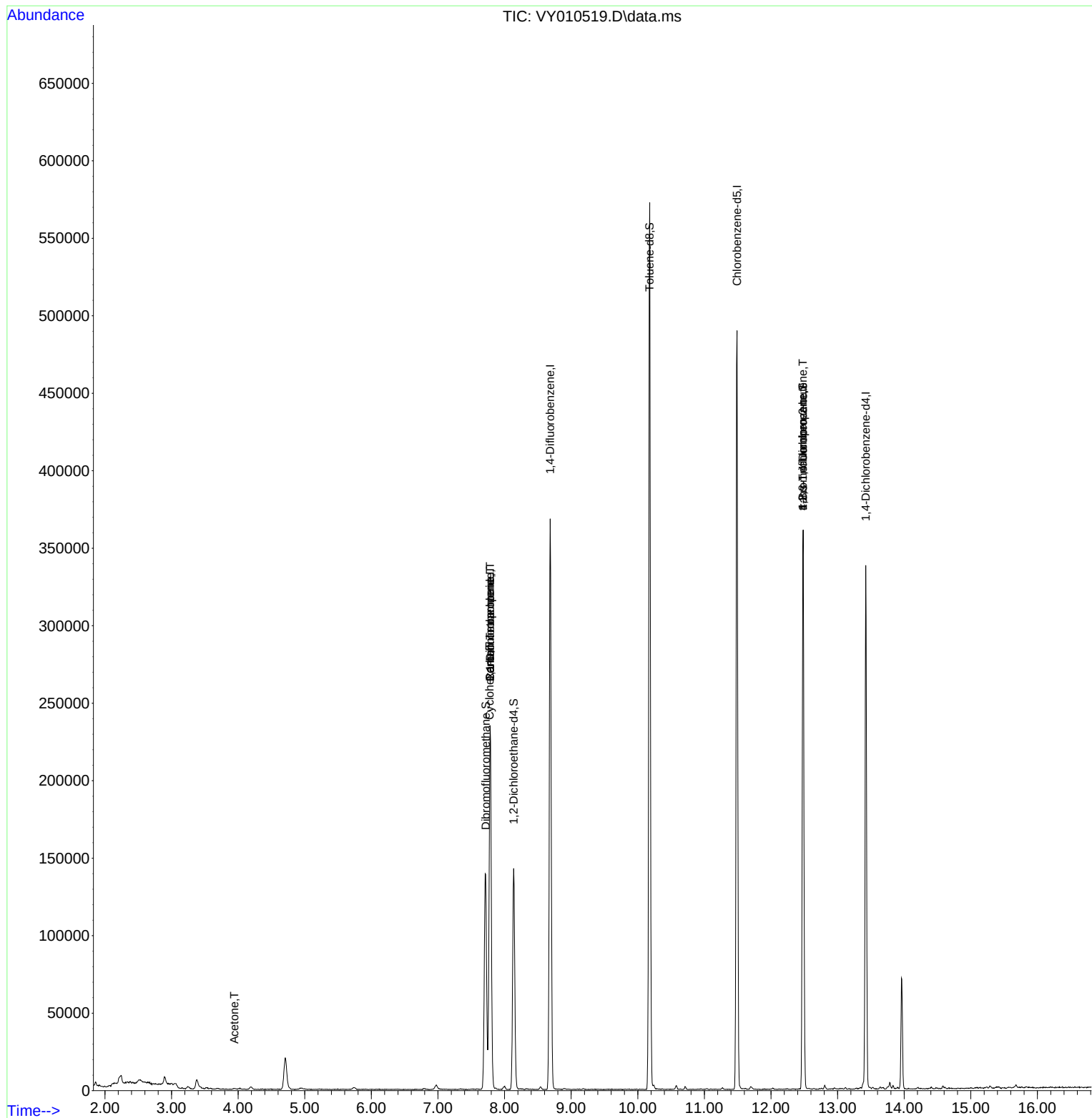
Internal Standards						
1) Pentafluorobenzene	7.783	168	185645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109277	58.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.716	113	101026	44.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.080%
50) Toluene-d8	10.179	98	373441	50.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.477	95	102841	33.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1910	Below Cal	#	92
16) Acetone	3.942	43	1281	2.985	ug/l #	83
31) Cyclohexane	7.777	56	4017	1.272	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	13671	4.403	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17920	5.188	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	52876	55.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52876	123.677	ug/l #	7

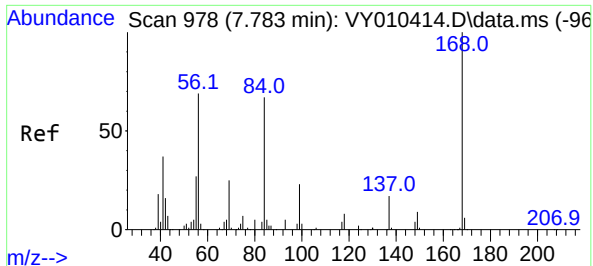
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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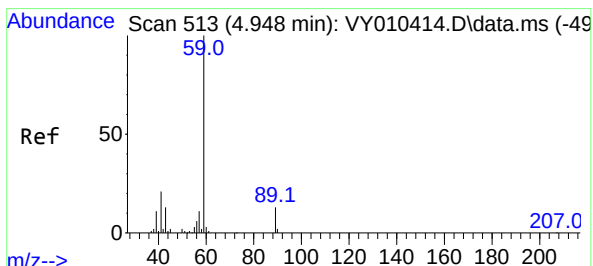
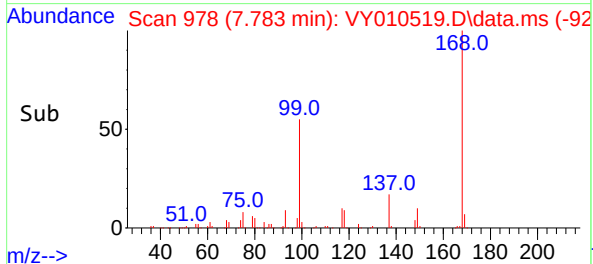
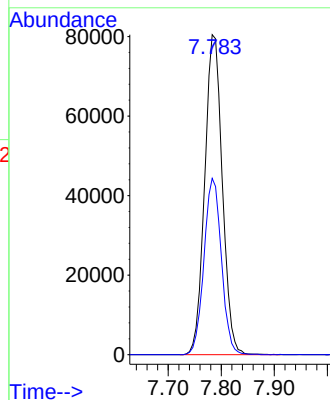
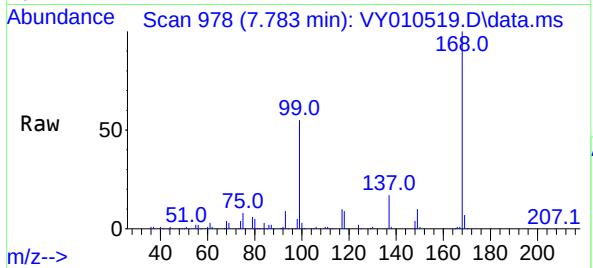




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

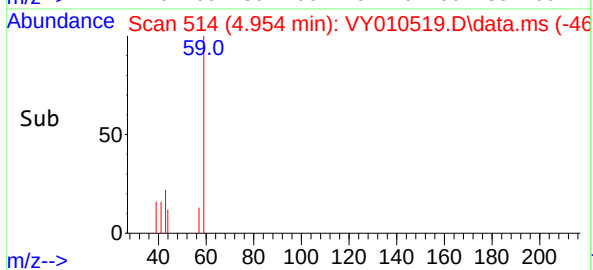
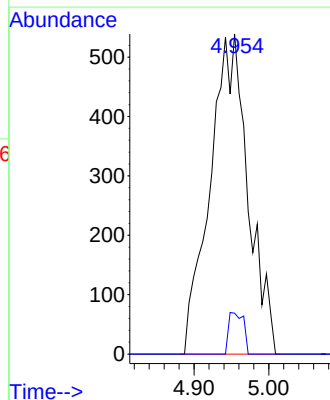
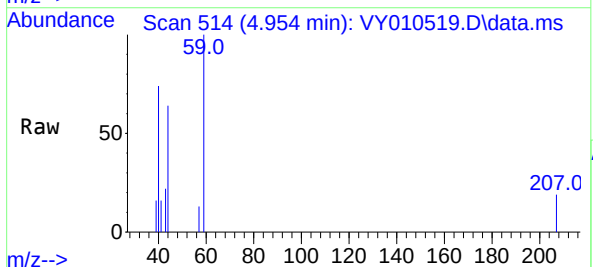
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

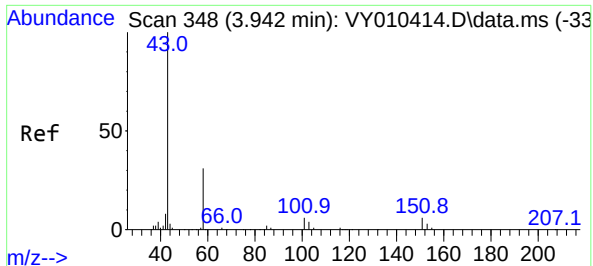
Tgt Ion:168 Resp: 185645
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 5.0 6.4 9.6#

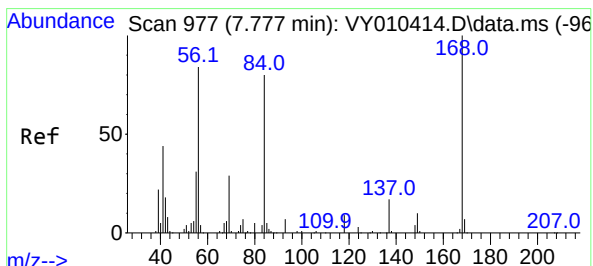
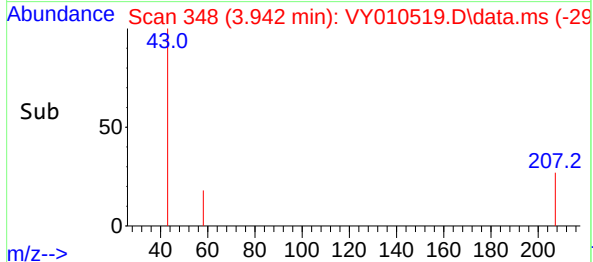
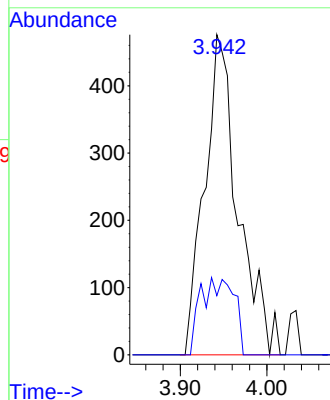
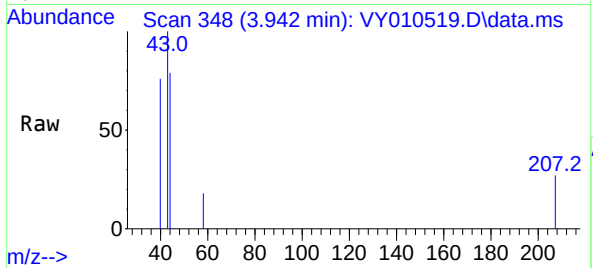




#16
Acetone
Concen: 2.985 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

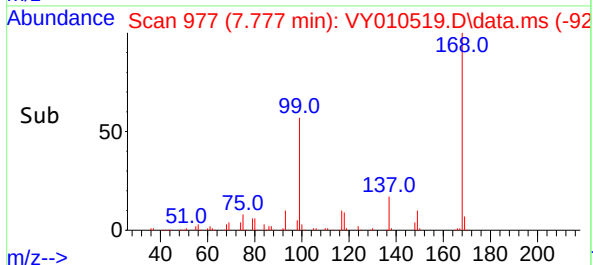
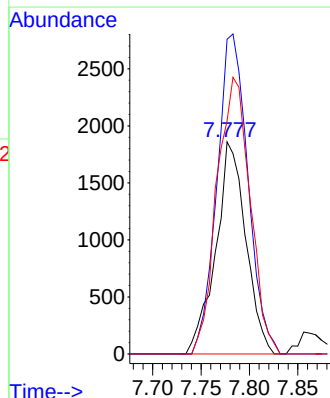
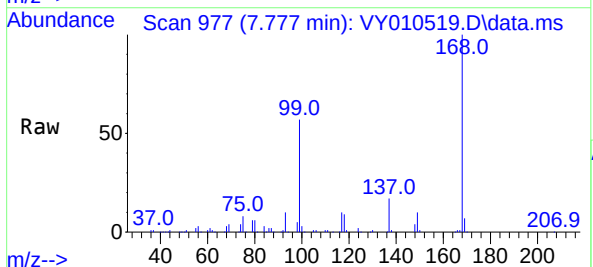
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

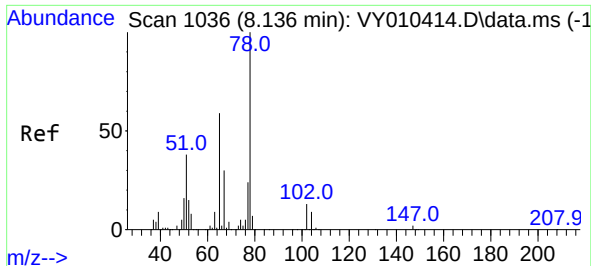
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 56 Resp: 4017
Ion Ratio Lower Upper
56 100
69 148.3 26.7 40.1#
84 109.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.445 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010519.D

Acq: 15 Sep 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

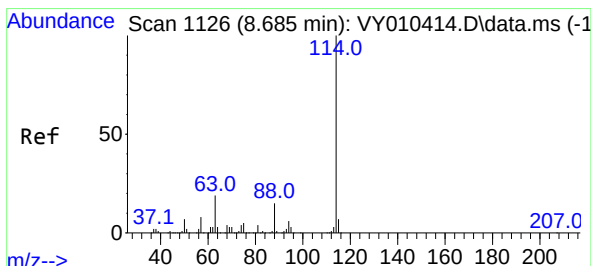
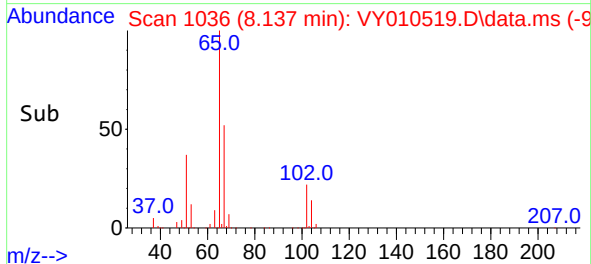
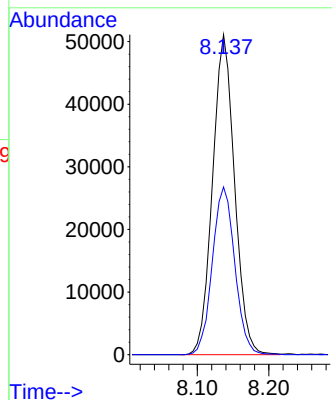
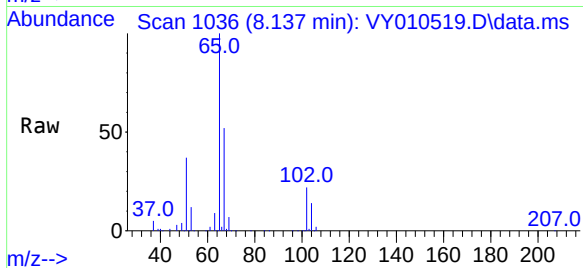
WC-17-4-5-GR

Tgt Ion: 65 Resp: 109277

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010519.D

Acq: 15 Sep 2022 18:23

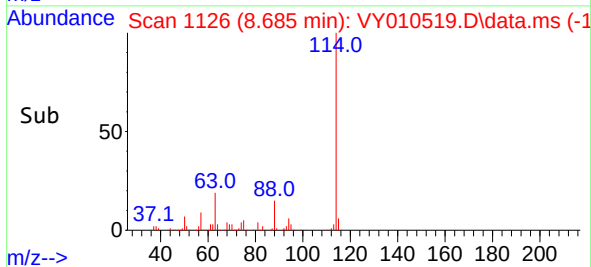
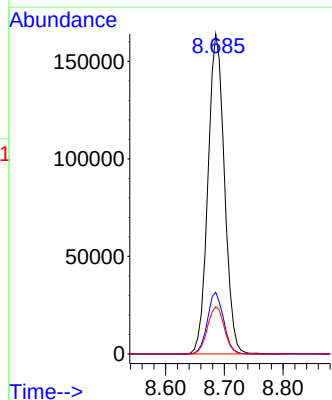
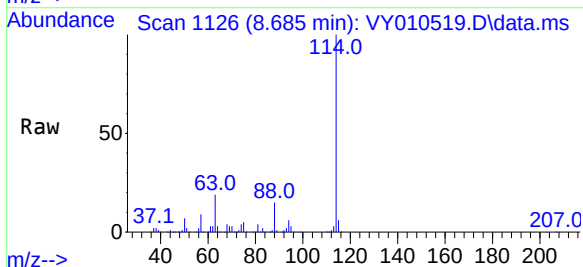
Tgt Ion: 114 Resp: 319350

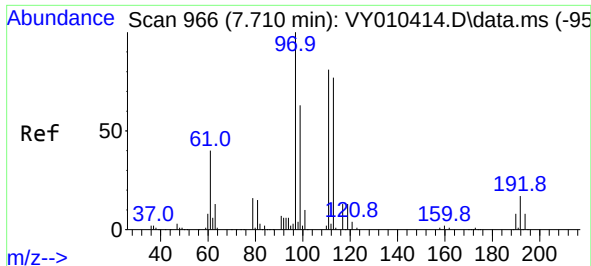
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8

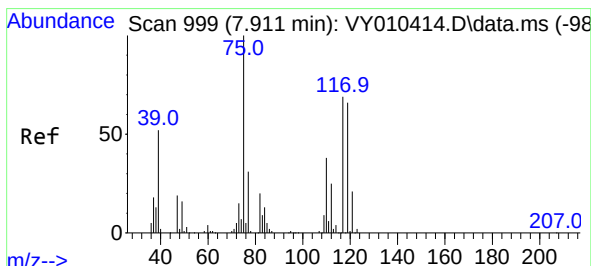
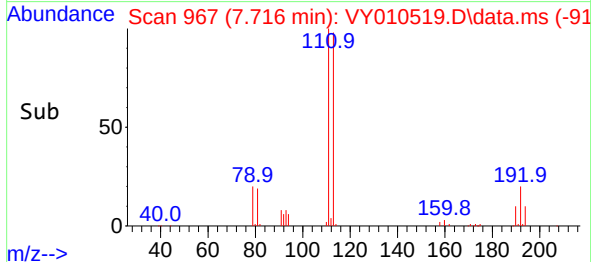
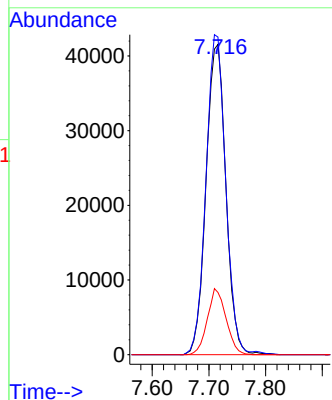
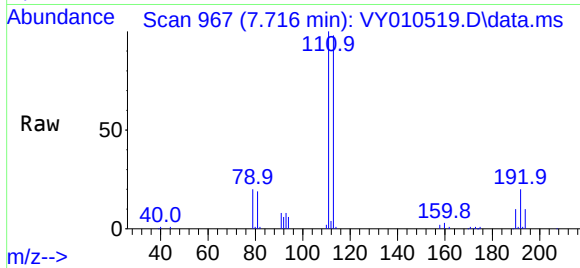




#35
Dibromofluoromethane
Concen: 44.543 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

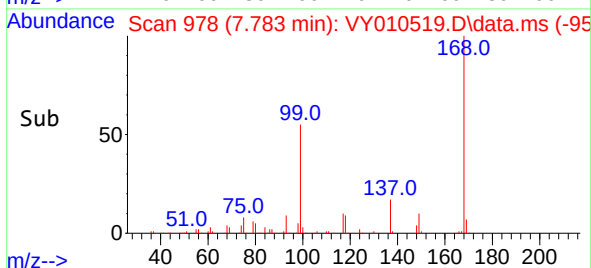
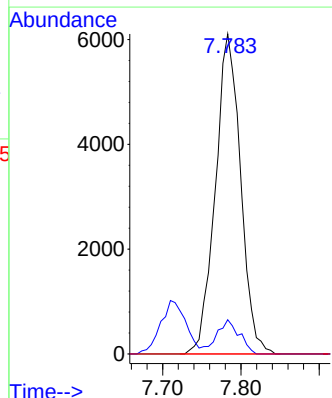
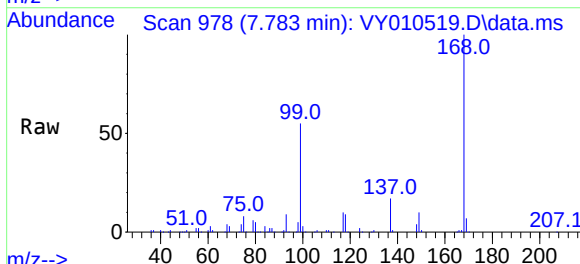
Instrument :
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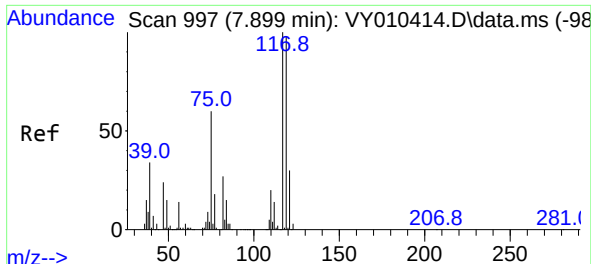
Tgt Ion:113 Resp: 101026
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 75 Resp: 13671
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

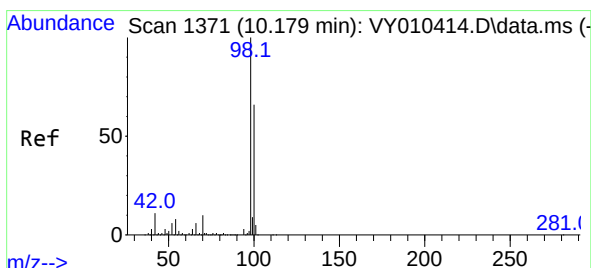
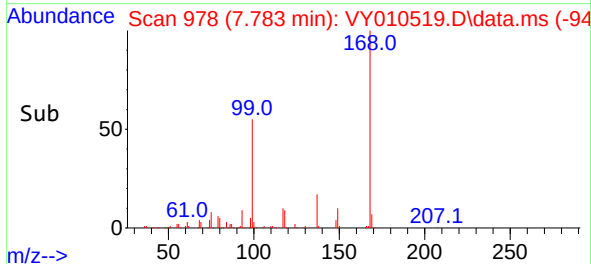
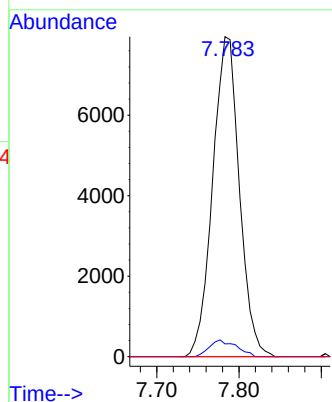
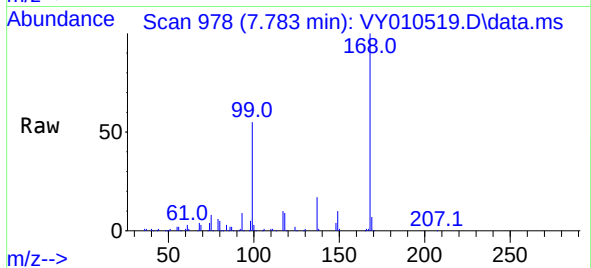




#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

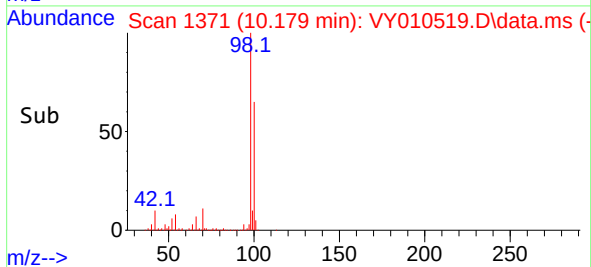
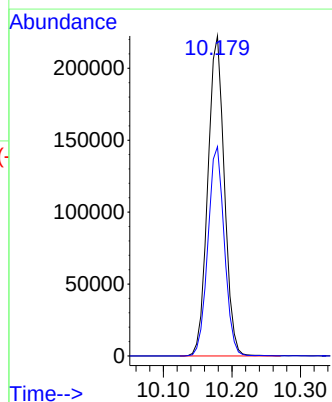
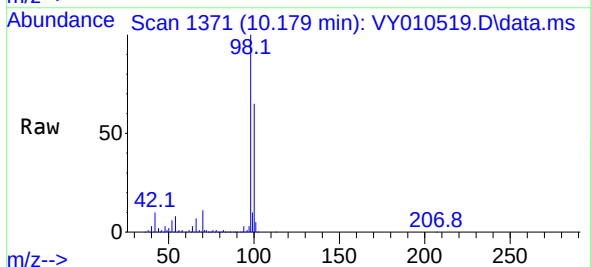
Instrument :
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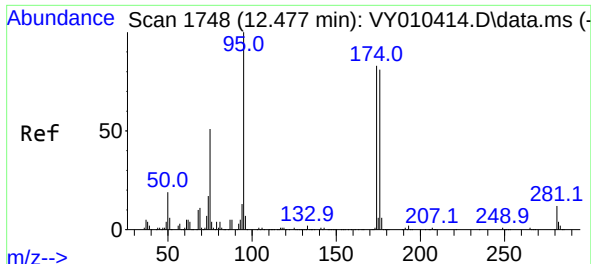
Tgt Ion:117 Resp: 17920
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 98 Resp: 373441
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

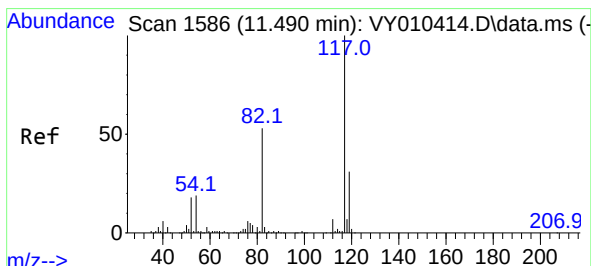
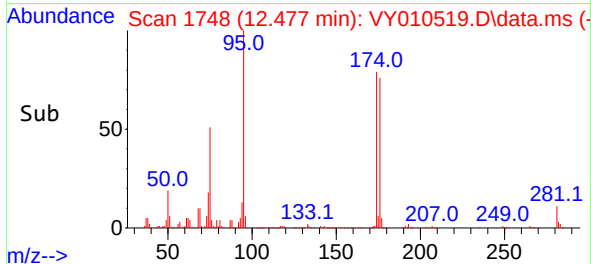
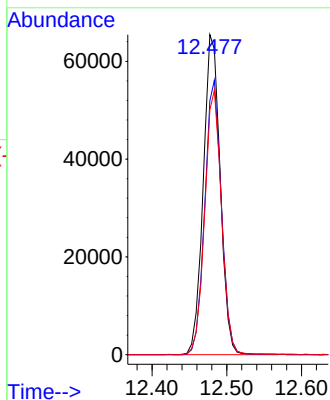
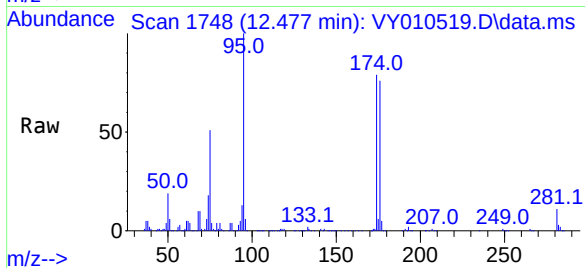




#62
4-Bromofluorobenzene
Concen: 33.233 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

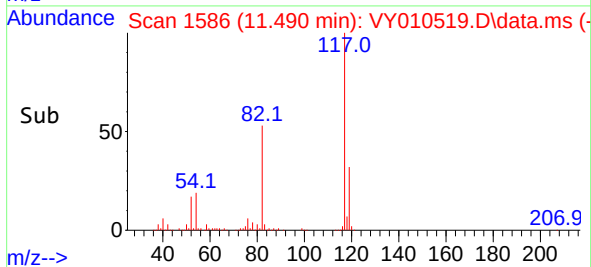
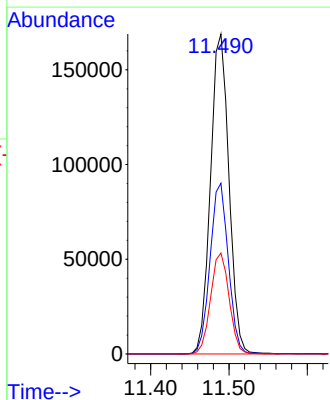
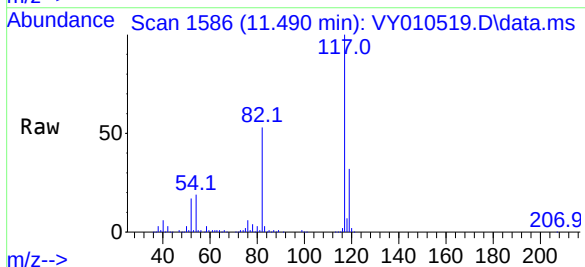
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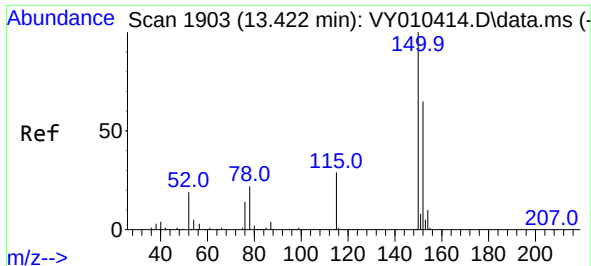
Tgt Ion: 95 Resp: 102841
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 117 Resp: 276092
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.6 25.4 38.0

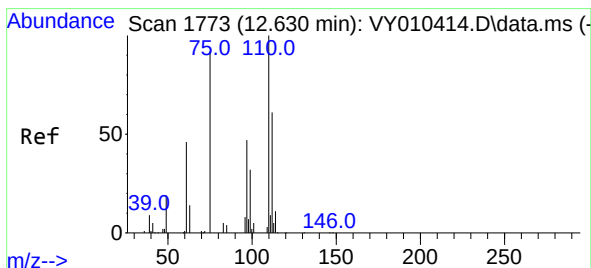
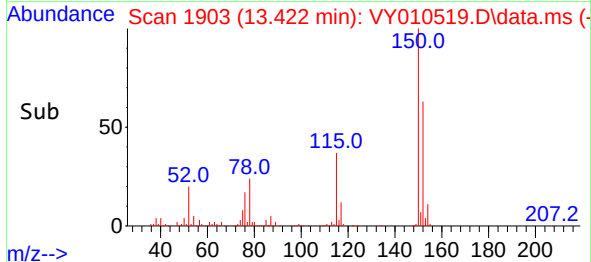
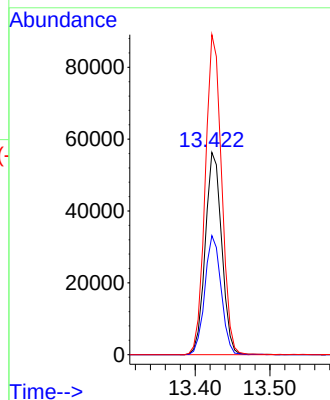
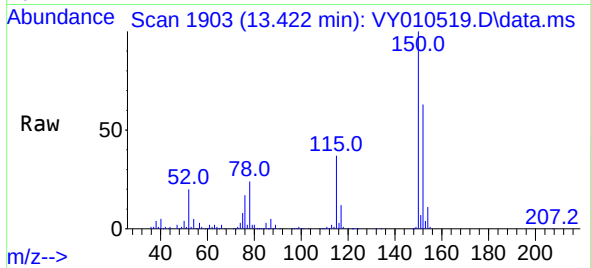




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010519.D
 Acq: 15 Sep 2022 18:23

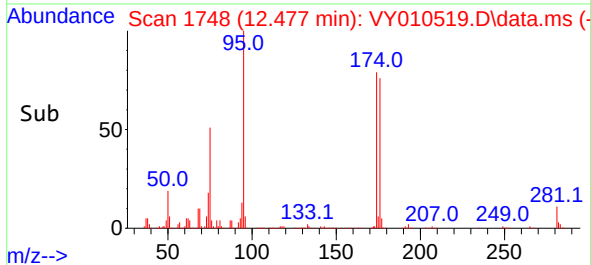
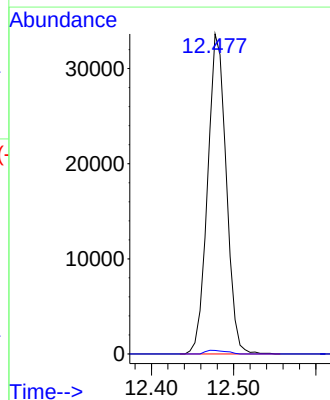
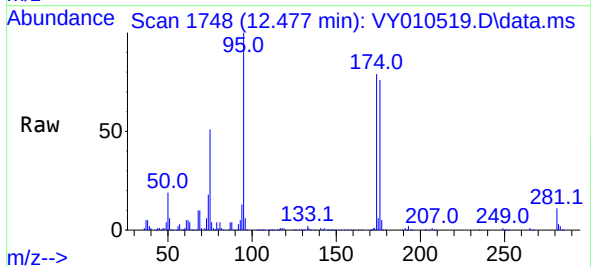
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 MSVOA_Y
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 WC-17-4-5-GR

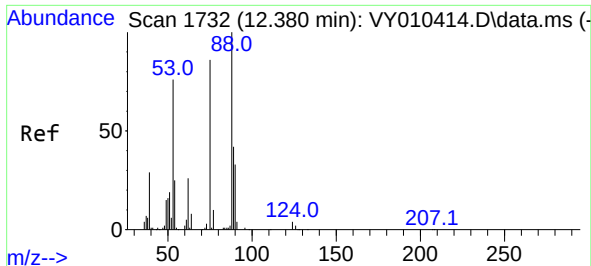
Tgt Ion:152 Resp: 86011
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.702 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010519.D
 Acq: 15 Sep 2022 18:23

Tgt Ion: 75 Resp: 52876
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.677 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010519.D
 Acq: 15 Sep 2022 18:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Tgt Ion: 75 Resp: 52876
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.4 37.0 55.4#

