

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013306.D
 Acq On : 13 Apr 2023 19:13
 Operator : KP/MD
 Sample : 02224-27
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-14

Quant Time: Apr 14 03:02:02 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)

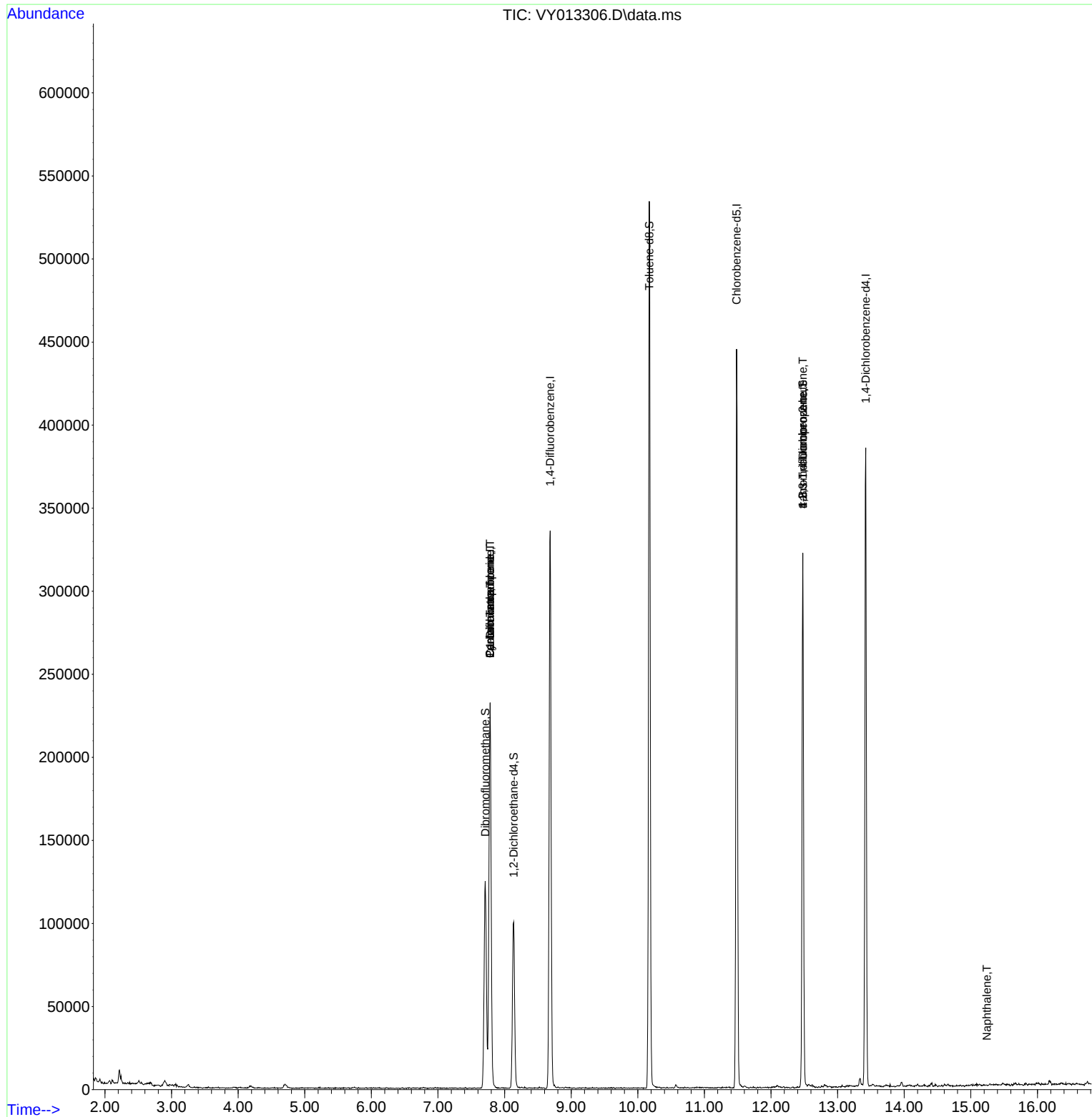
Internal Standards						
1) Pentafluorobenzene	7.783	168	176510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	234269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80913	38.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.280%
35) Dibromofluoromethane	7.710	113	87006	48.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.173	98	340816	50.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.477	95	90212	41.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	20	Below Cal	#	74
20) Methylene Chloride	4.722	84	1210	Below Cal	#	71
31) Cyclohexane	7.783	56	4000	1.247	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	13865	5.067	ug/l #	50
38) Carbon Tetrachloride	7.783	117	17669	5.840	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	47746	39.091	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47746	81.133	ug/l #	13
95) Naphthalene	15.239	128	184	3.244	ug/l #	69

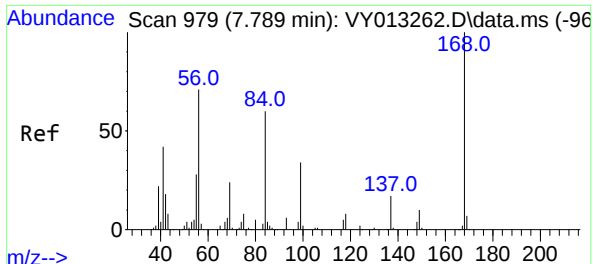
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
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OU3-FC-BACKFILL-14

Quant Time: Apr 14 03:02:02 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

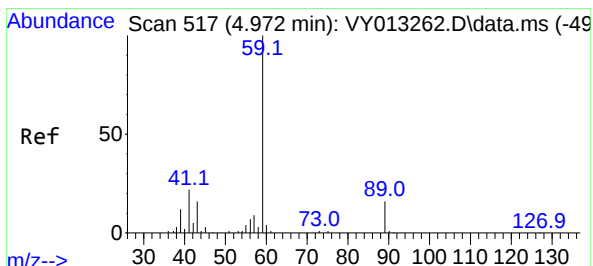
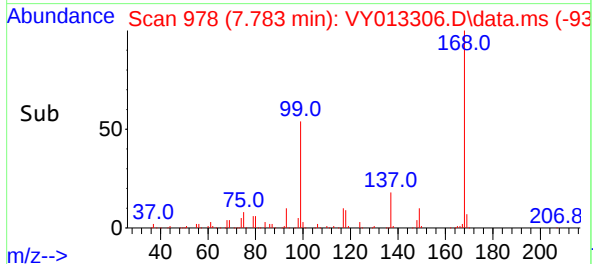
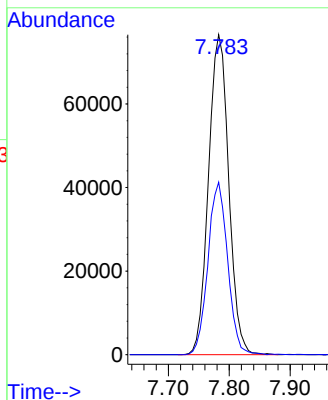
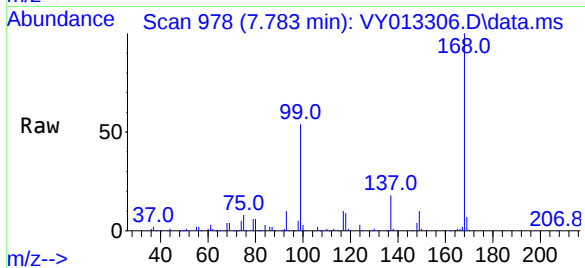




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

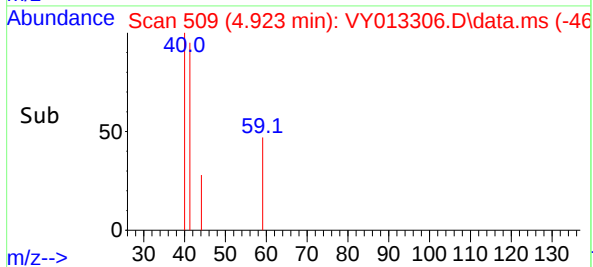
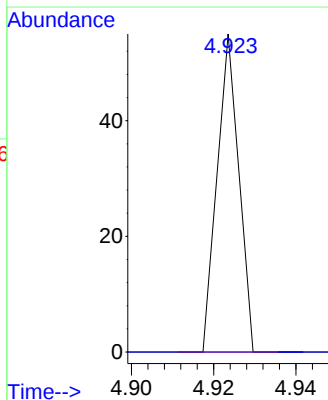
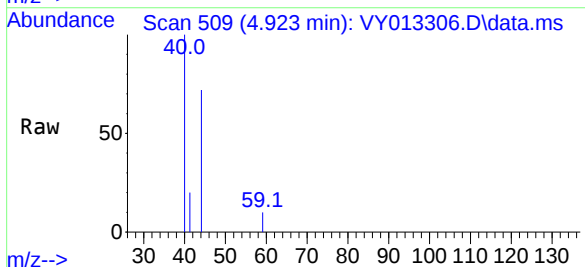
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

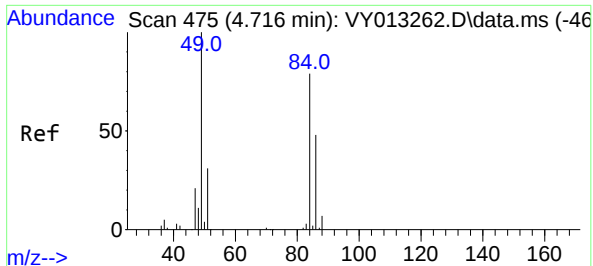
Tgt Ion:168 Resp: 176510
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.049 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

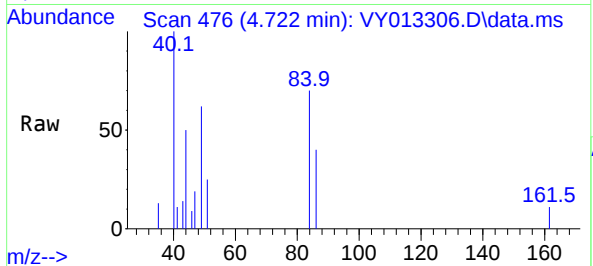
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



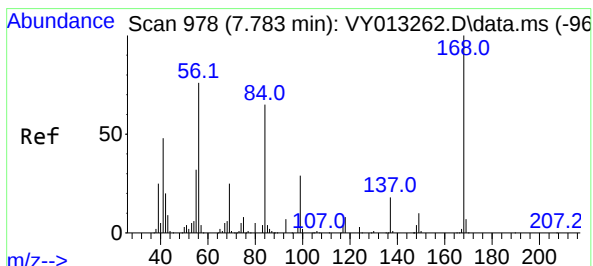
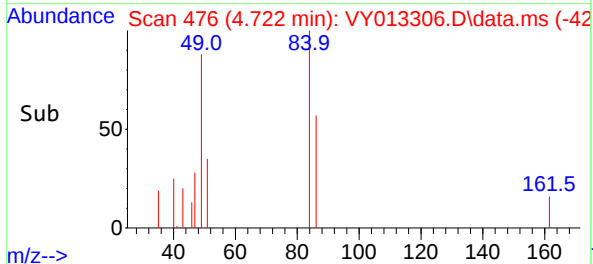
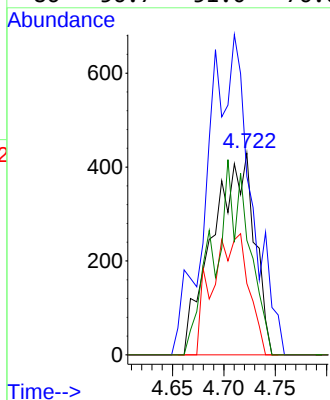


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

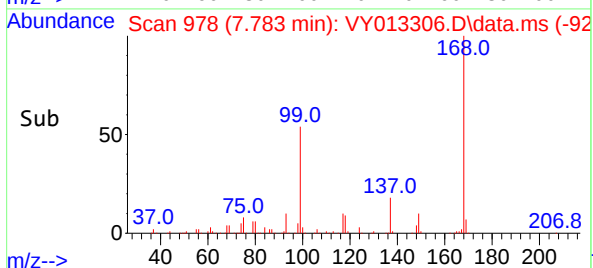
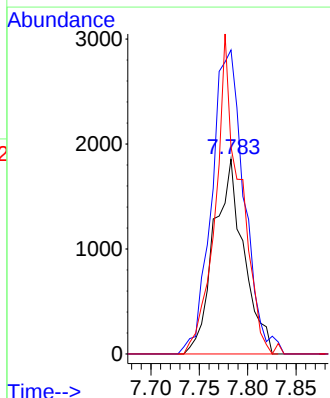
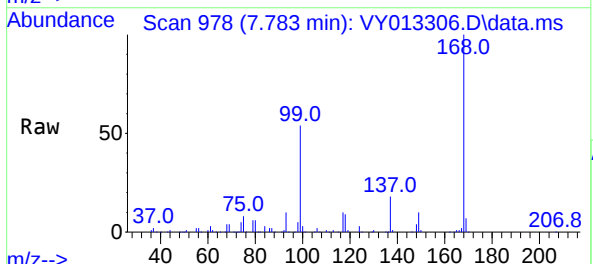


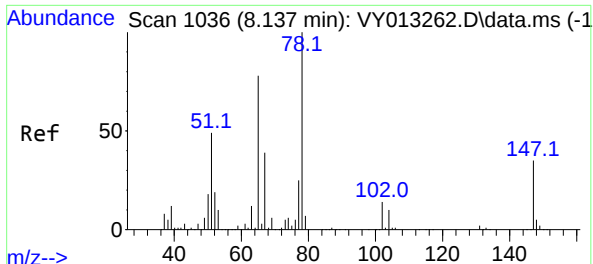
Tgt Ion: 84 Resp: 1210
Ion Ratio Lower Upper
84 100
49 75.1 102.6 154.0#
51 35.3 31.9 47.9
86 56.7 51.0 76.6



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 56 Resp: 4000
Ion Ratio Lower Upper
56 100
69 156.0 25.7 38.5#
84 106.3 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 38.144 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013306.D

Acq: 13 Apr 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

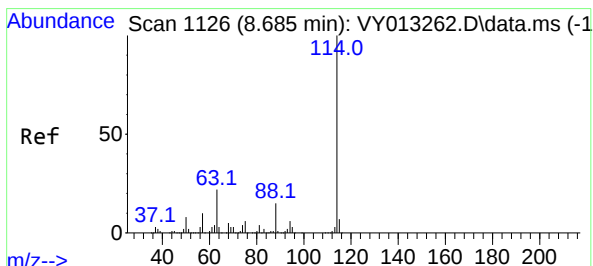
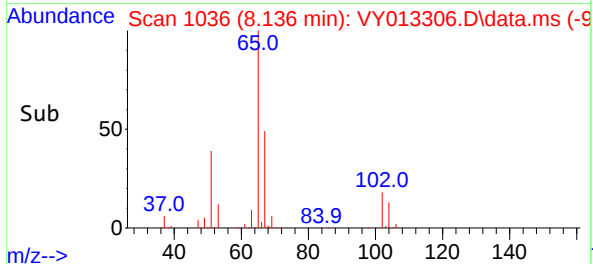
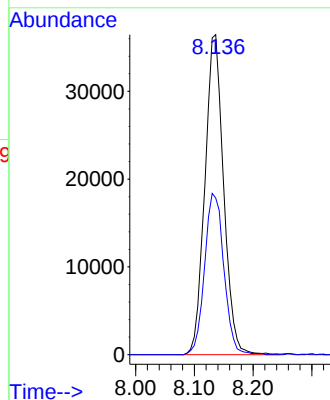
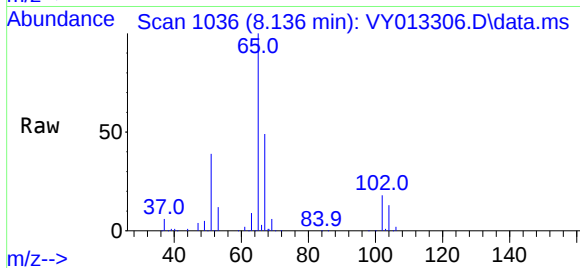
OU3-FC-BACKFILL-14

Tgt Ion: 65 Resp: 80913

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: VY013306.D

Acq: 13 Apr 2023 19:13

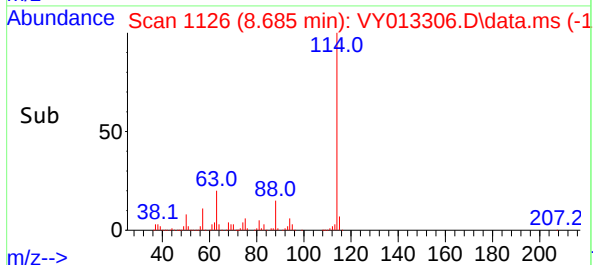
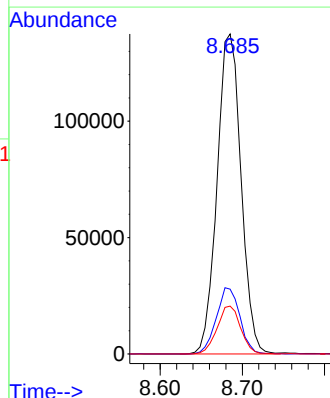
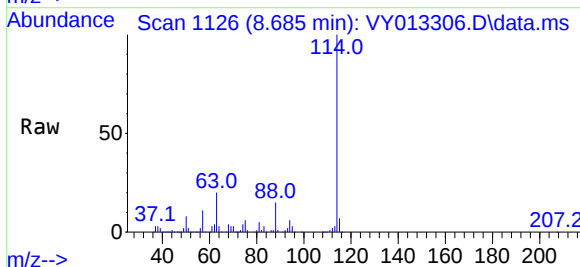
Tgt Ion:114 Resp: 279008

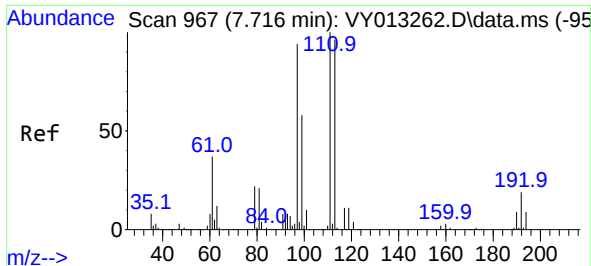
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 28.6

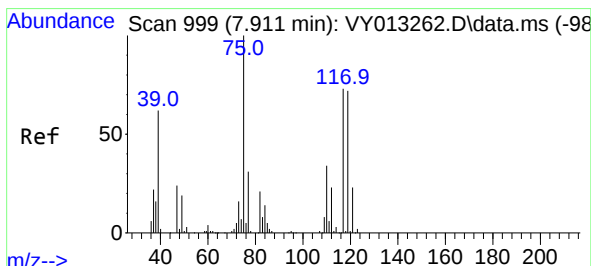
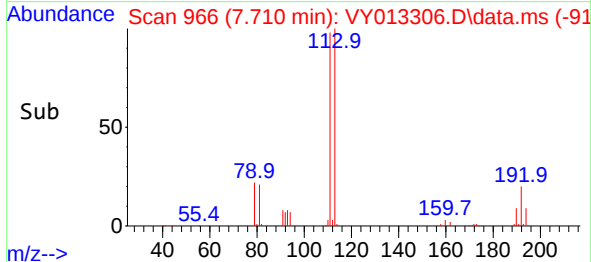
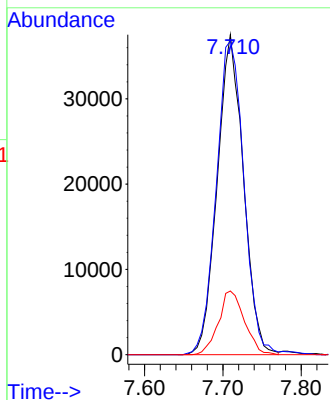
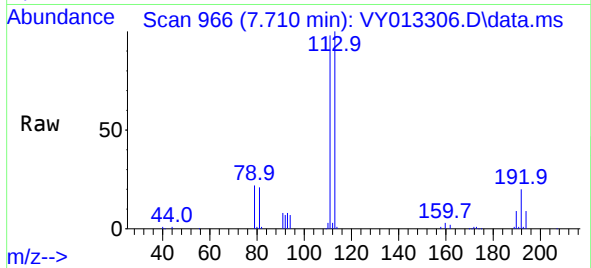




#35
Dibromofluoromethane
Concen: 48.169 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

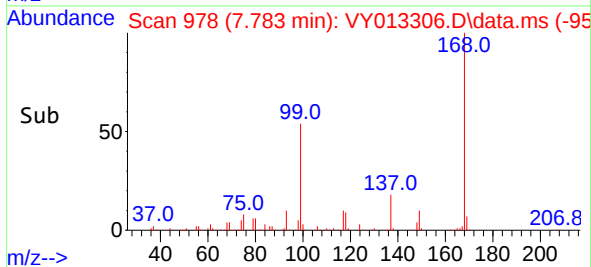
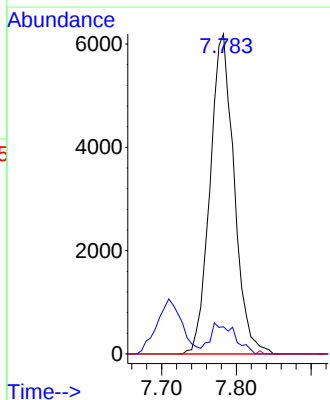
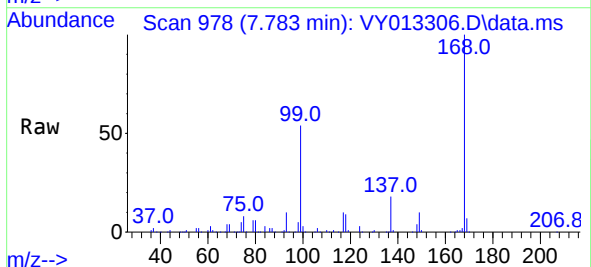
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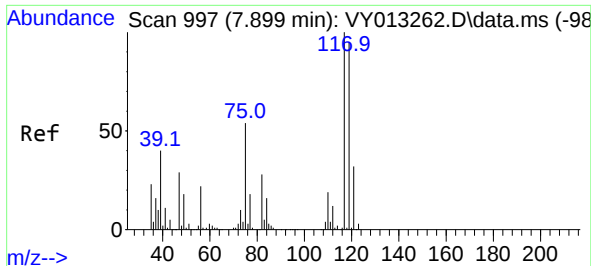
Tgt Ion:113 Resp: 87006
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 75 Resp: 13865
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 25.0 37.4#

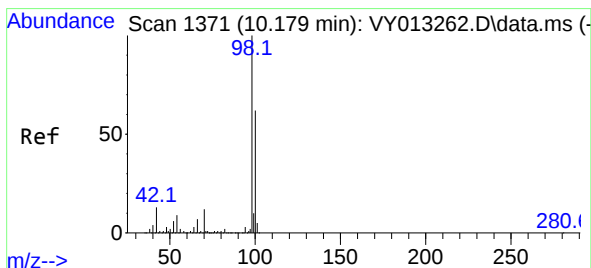
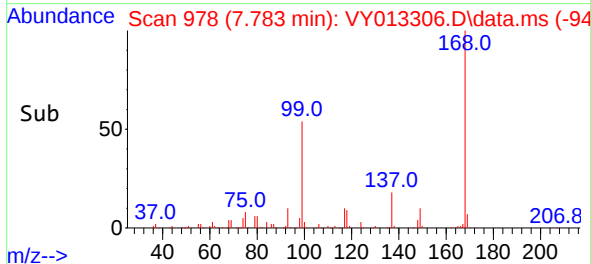
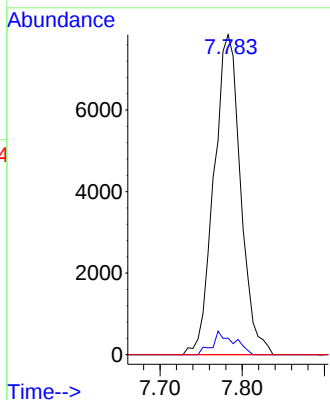
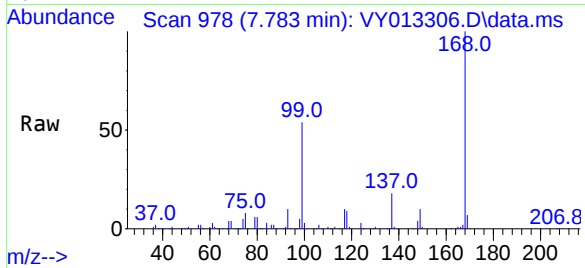




#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

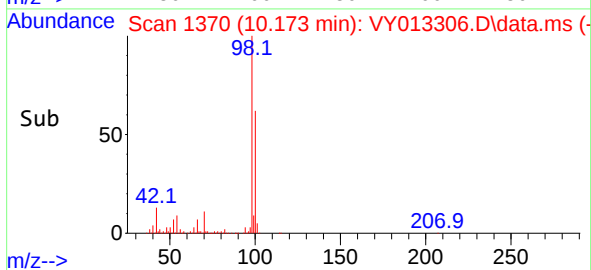
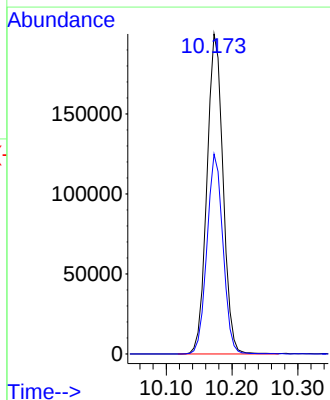
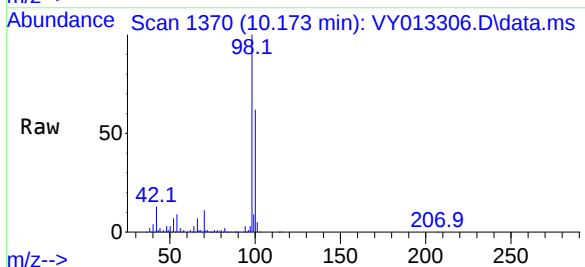
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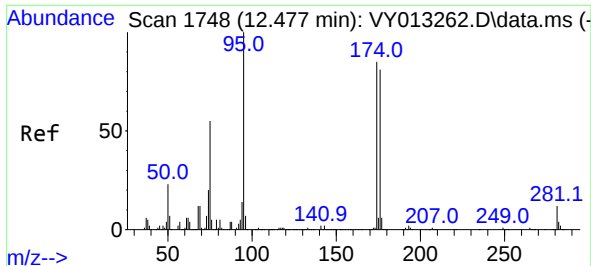
Tgt Ion:117 Resp: 17669
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.692 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 98 Resp: 340816
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

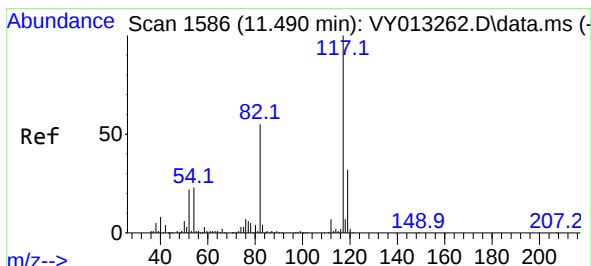
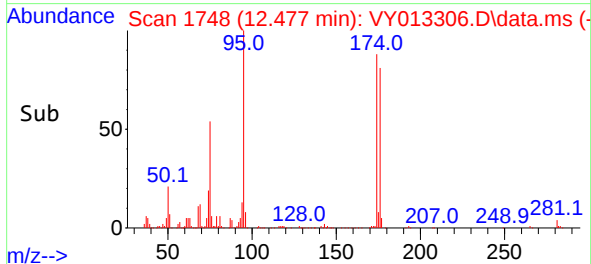
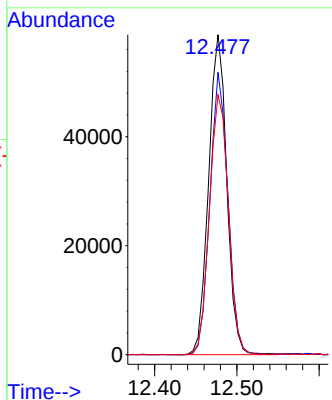
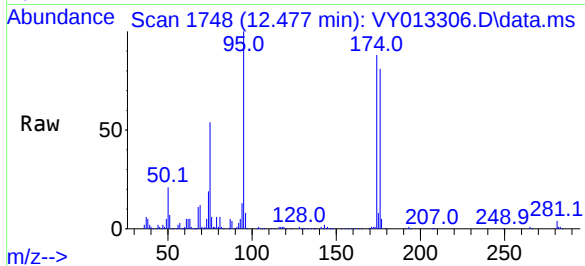




#62
4-Bromofluorobenzene
Concen: 41.297 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

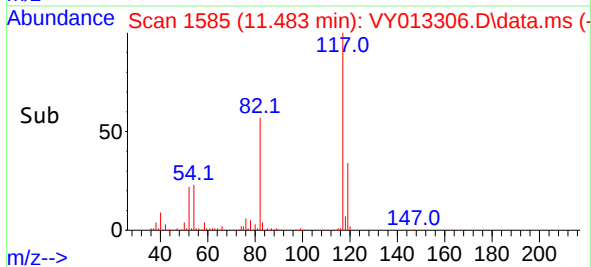
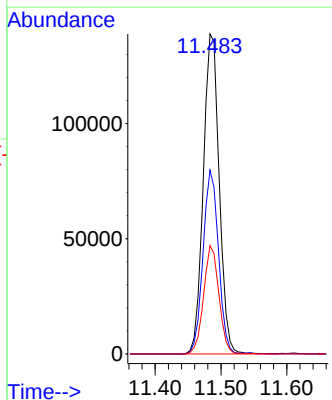
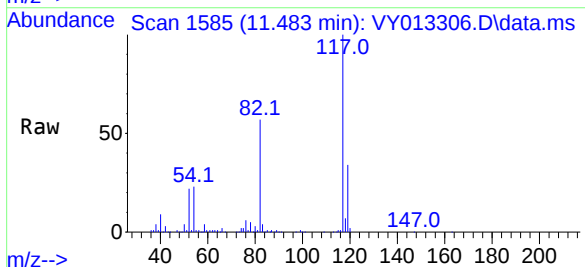
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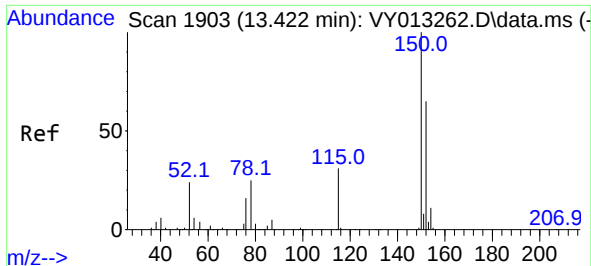
Tgt Ion: 95 Resp: 90212
Ion Ratio Lower Upper
95 100
174 87.4 0.0 176.6
176 84.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 117 Resp: 234269
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 33.9 25.6 38.4

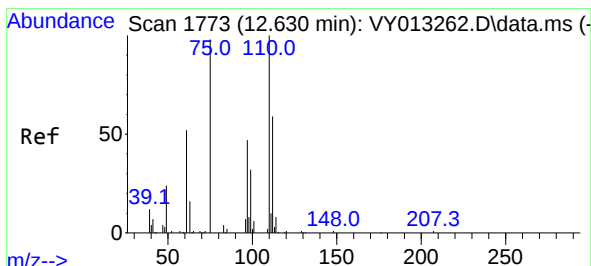
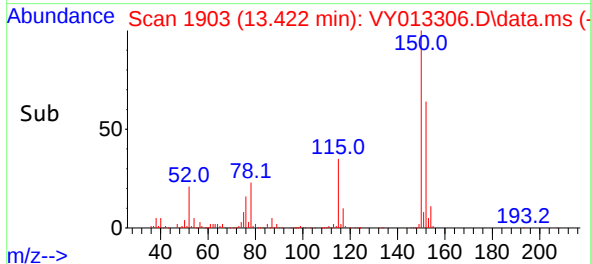
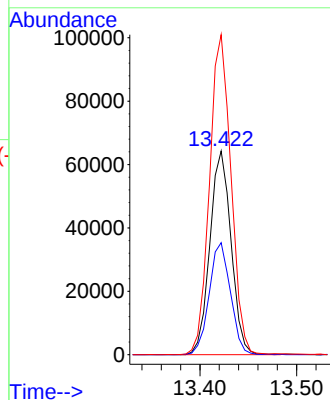
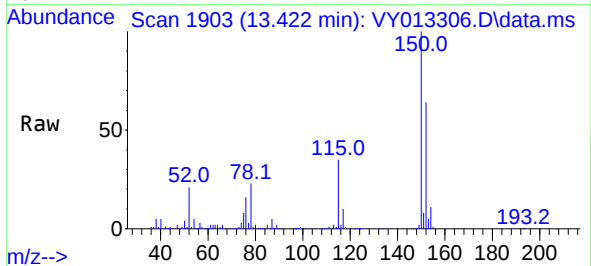




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013306.D
 Acq: 13 Apr 2023 19:13

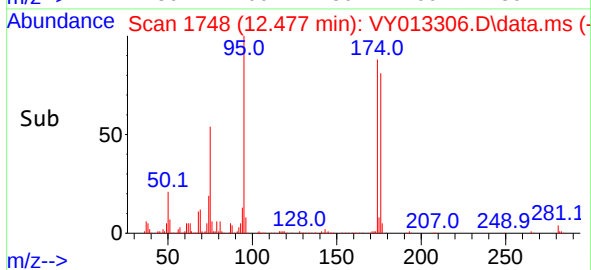
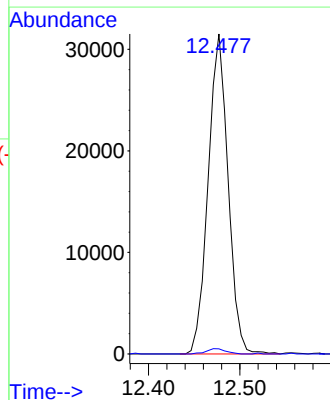
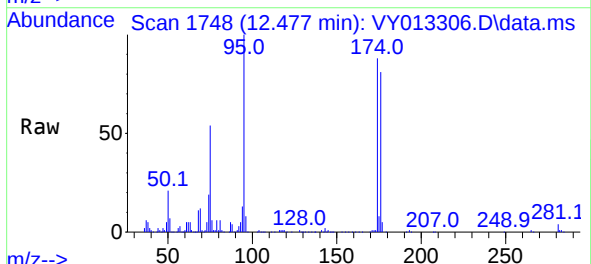
Instrument :
 MSVOA_Y
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 OU3-FC-BACKFILL-14

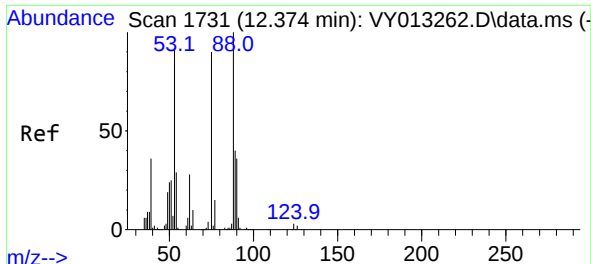
Tgt Ion:152 Resp: 98020
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.1 81.3
 150 159.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.091 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY013306.D
 Acq: 13 Apr 2023 19:13

Tgt Ion: 75 Resp: 47746
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

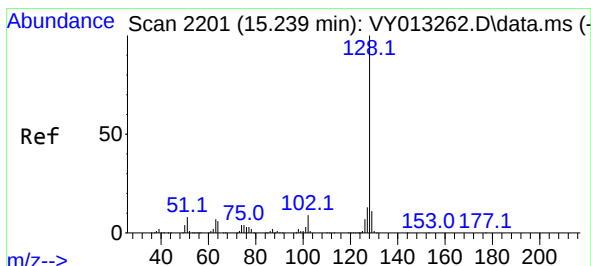
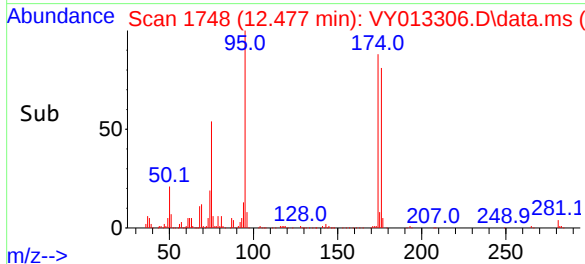
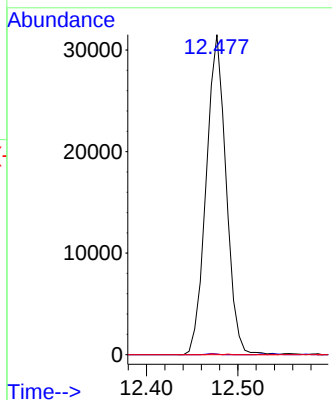
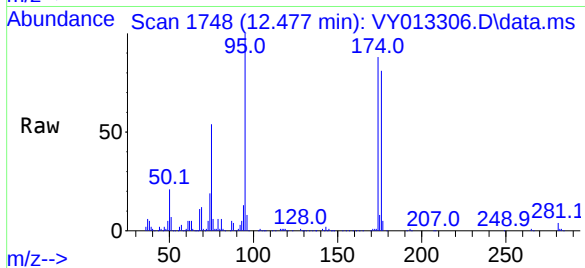




#81
trans-1,4-Dichloro-2-butene
Concen: 81.133 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

Tgt Ion: 75 Resp: 47746
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.244 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

