

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013303.D
 Acq On : 13 Apr 2023 18:03
 Operator : KP/MD
 Sample : 02224-21
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-11

Quant Time: Apr 14 03:01:37 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)

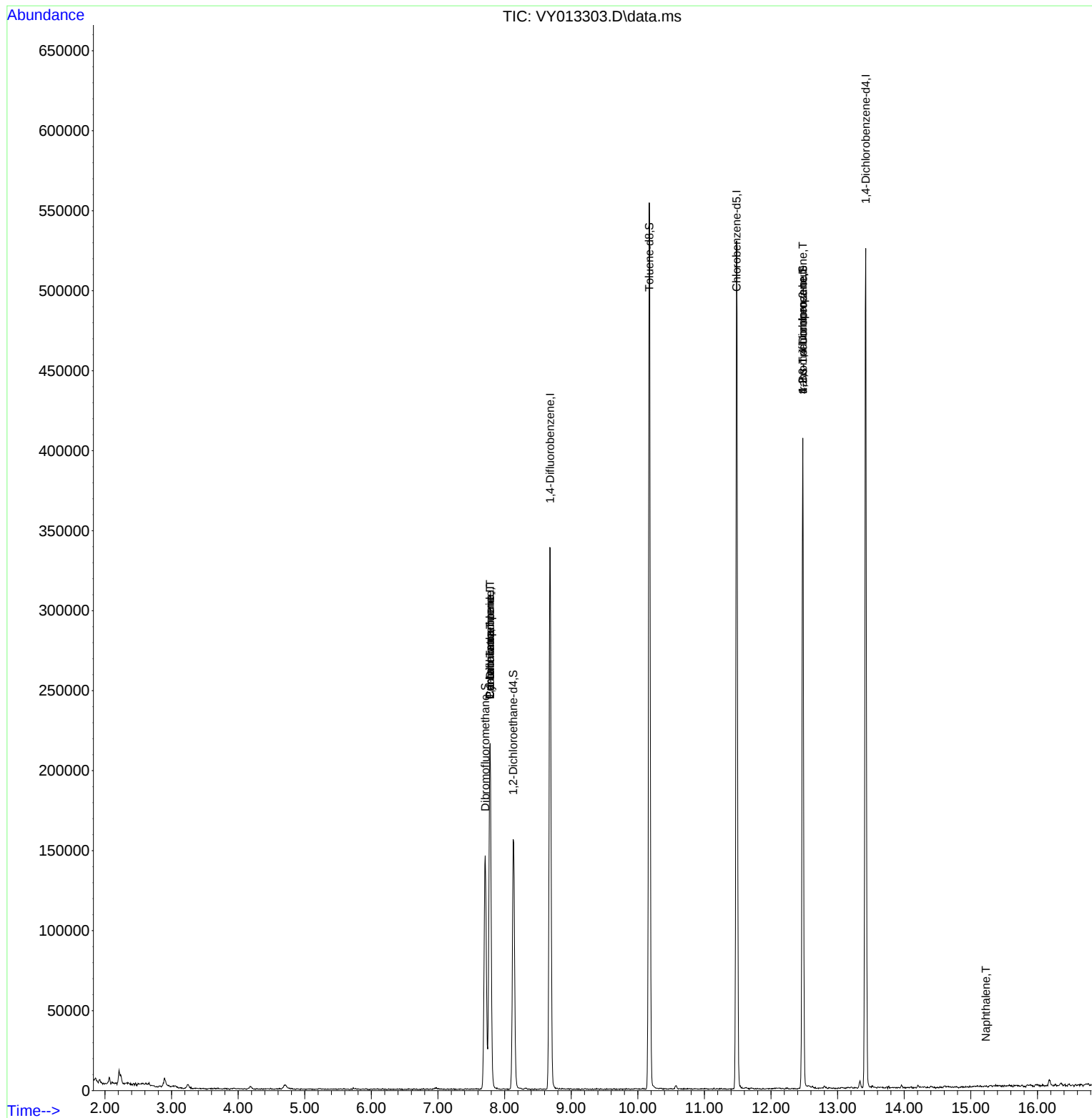
Internal Standards						
1) Pentafluorobenzene	7.783	168	167784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	273523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	125275	62.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.260%	
35) Dibromofluoromethane	7.710	113	102459	55.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.173	98	357113	51.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.420%	
62) 4-Bromofluorobenzene	12.477	95	114290	50.939	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	54	Below Cal	#	74
20) Methylene Chloride	4.710	84	1884	Below Cal		88
31) Cyclohexane	7.783	56	4401	1.443	ug/l #	45
36) 1,1-Dichloropropene	7.783	75	13515	4.809	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16832	5.416	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	61202	37.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61202	78.781	ug/l #	13
95) Naphthalene	15.227	128	282	3.251	ug/l #	73

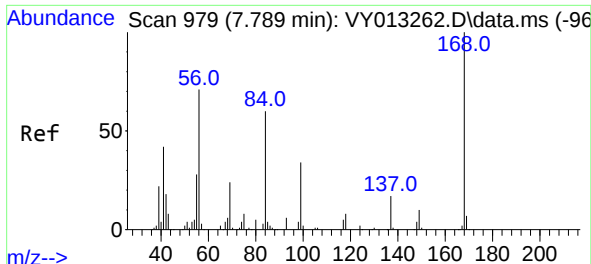
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU3-FC-BACKFILL-11

Quant Time: Apr 14 03:01:37 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

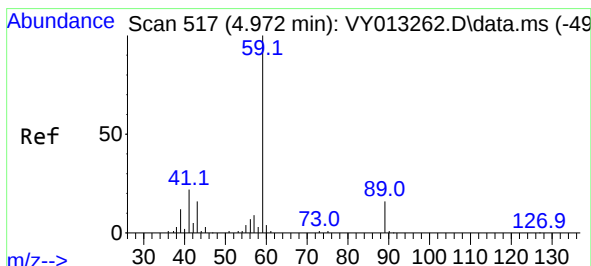
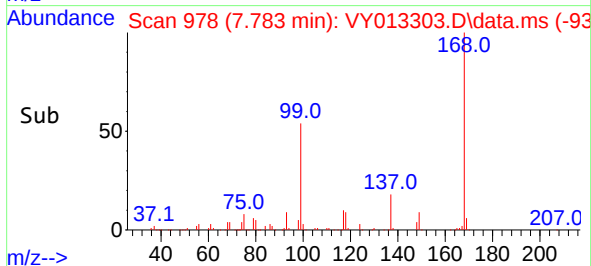
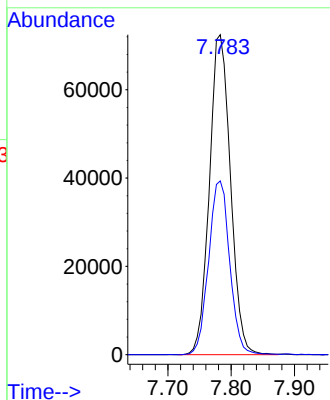
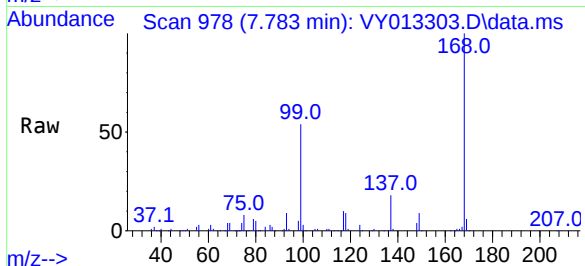




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

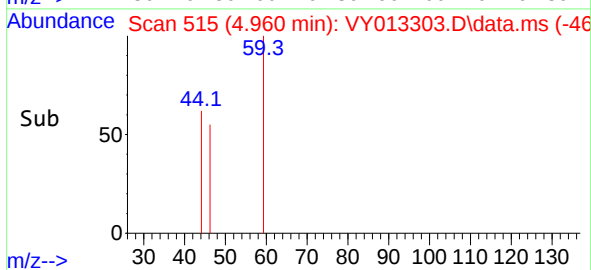
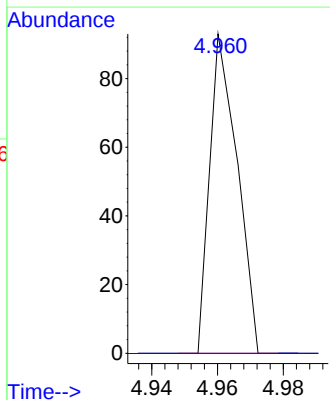
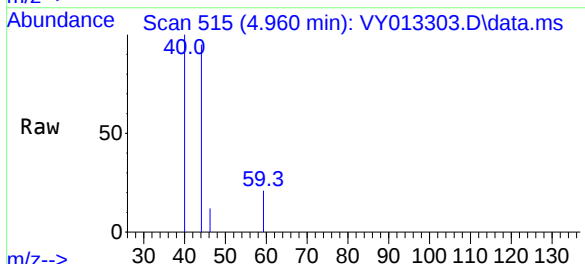
Instrument :
MSVOA_Y
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OU3-FC-BACKFILL-11

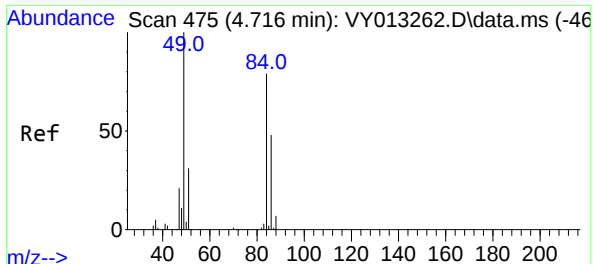
Tgt Ion:168 Resp: 167784
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



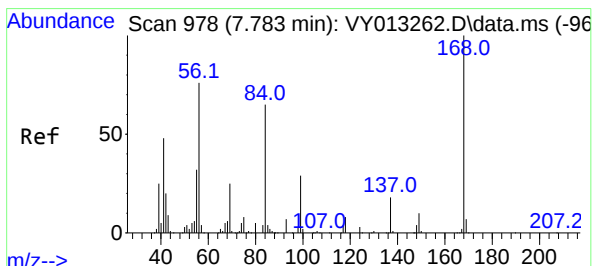
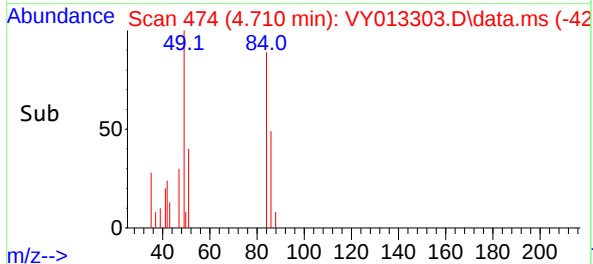
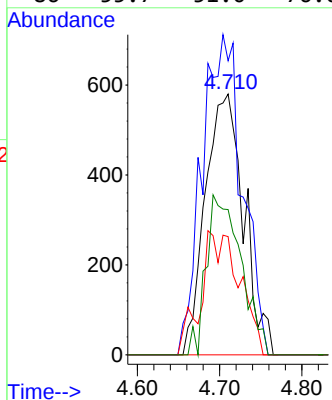
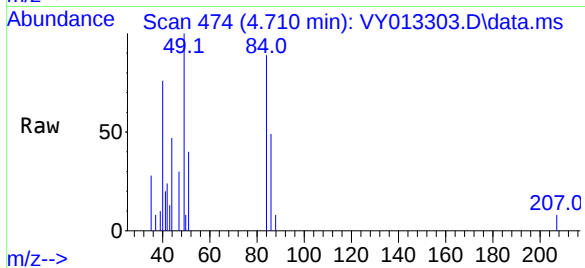


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-11

Tgt Ion: 84 Resp: 1884

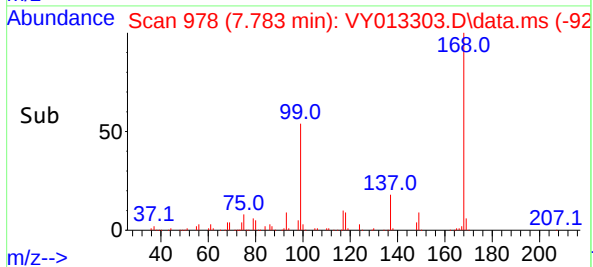
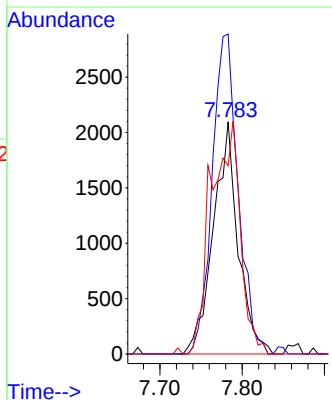
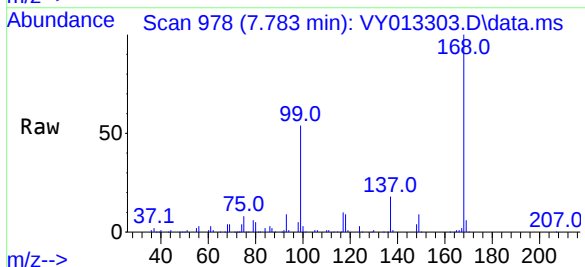
Ion	Ratio	Lower	Upper
84	100		
49	112.8	102.6	154.0
51	45.3	31.9	47.9
86	55.7	51.0	76.6

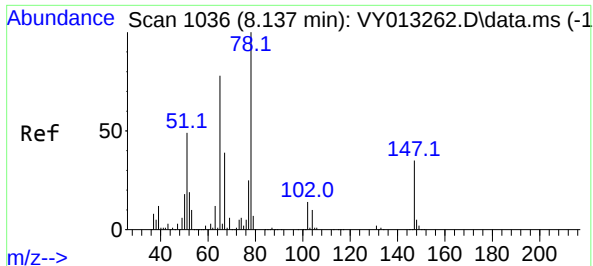


#31
Cyclohexane
Concen: 1.443 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Tgt Ion: 56 Resp: 4401

Ion	Ratio	Lower	Upper
56	100		
69	137.9	25.7	38.5#
84	81.1	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 62.129 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013303.D

Acq: 13 Apr 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

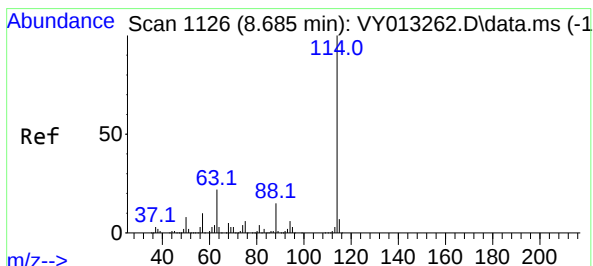
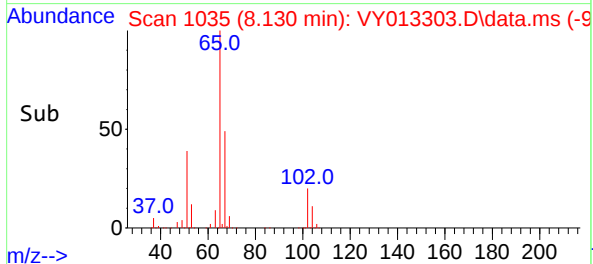
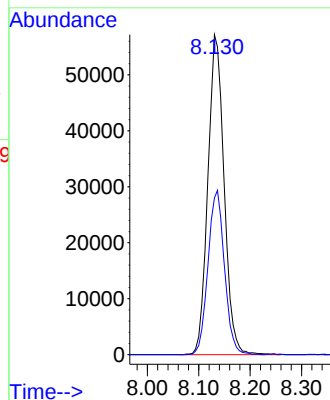
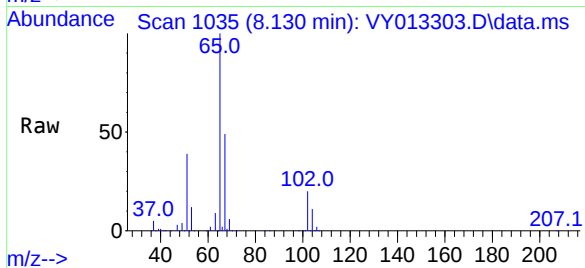
OU3-FC-BACKFILL-11

Tgt Ion: 65 Resp: 125275

Ion Ratio Lower Upper

65 100

67 52.1 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: VY013303.D

Acq: 13 Apr 2023 18:03

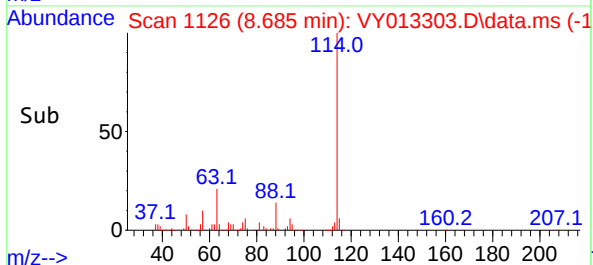
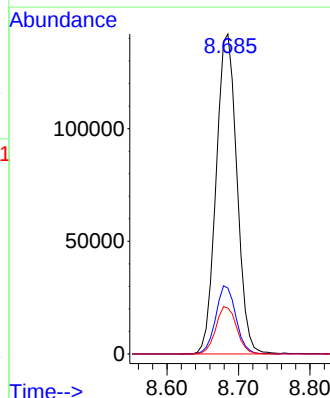
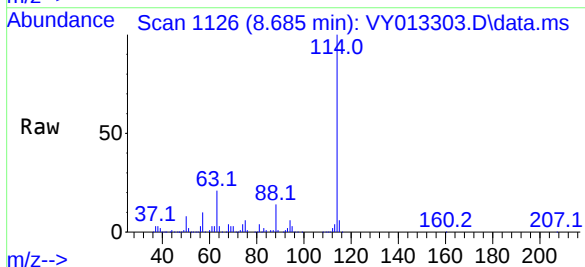
Tgt Ion: 114 Resp: 286567

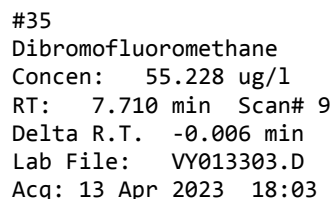
Ion Ratio Lower Upper

114 100

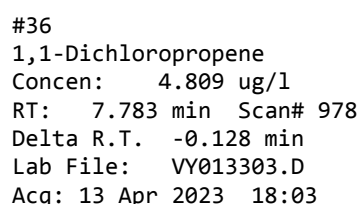
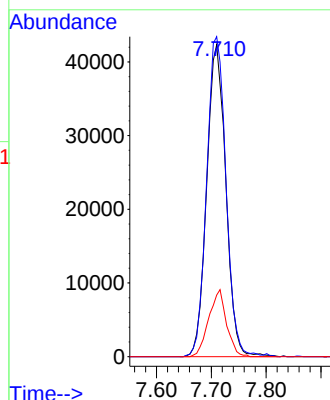
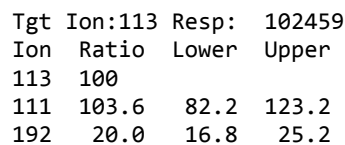
63 20.6 0.0 37.4

88 14.3 0.0 28.6

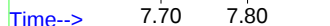
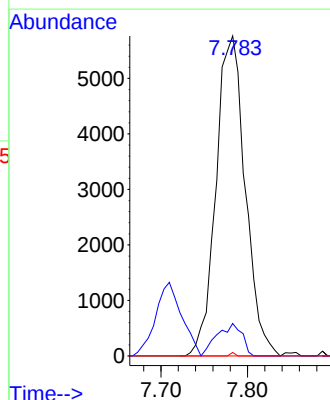


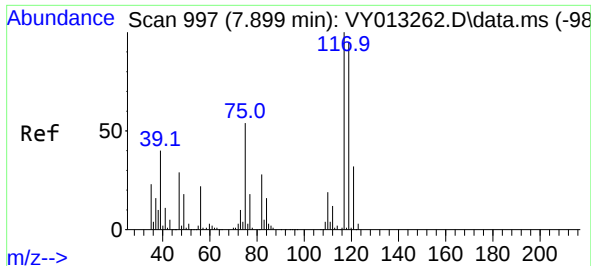


Instrument :
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OU3-FC-BACKFILL-11



Tgt Ion: 75	Resp: 13515
Ion Ratio	Lower Upper
75 100	
110 8.7	17.8 53.3#
77 0.2	25.0 37.4#

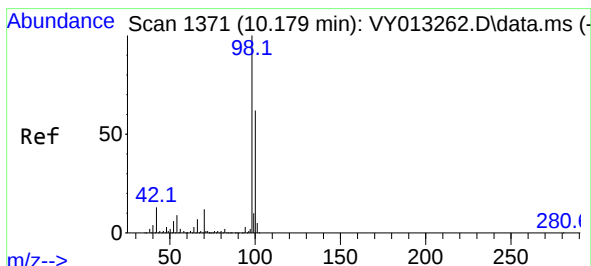
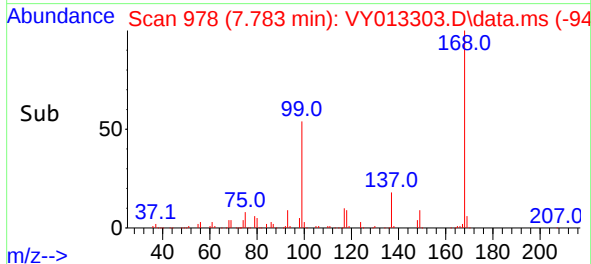
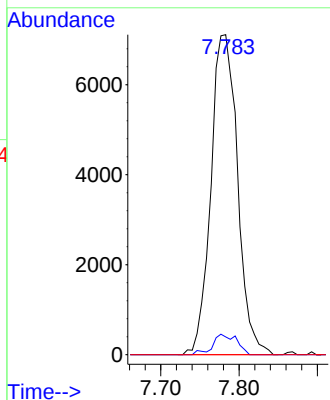
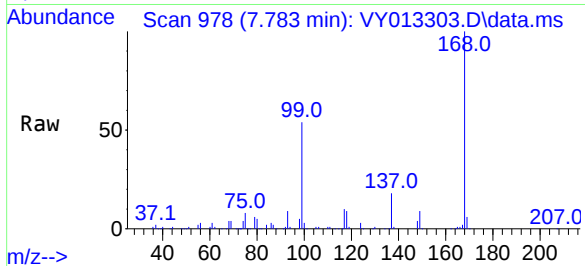




#38
Carbon Tetrachloride
Concen: 5.416 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

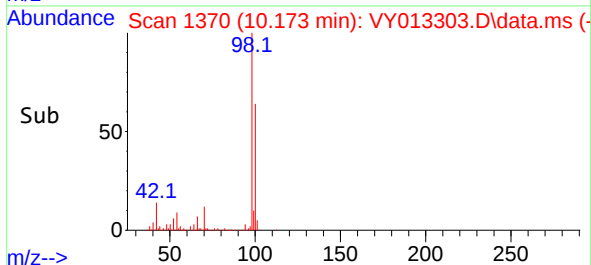
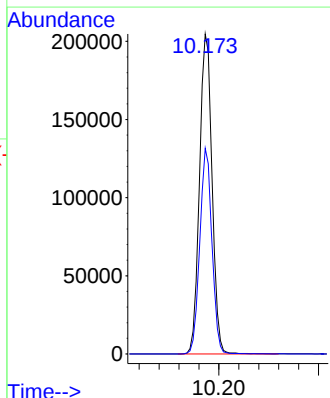
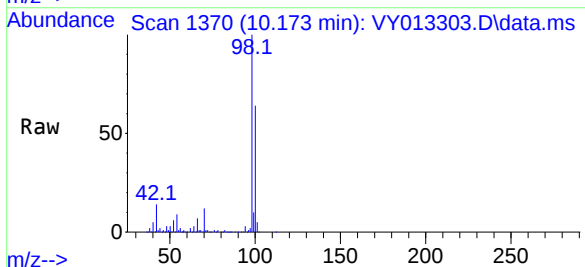
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-11

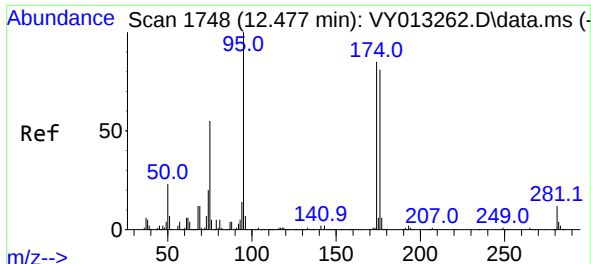
Tgt Ion:117 Resp: 16832
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.715 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Tgt Ion: 98 Resp: 357113
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3

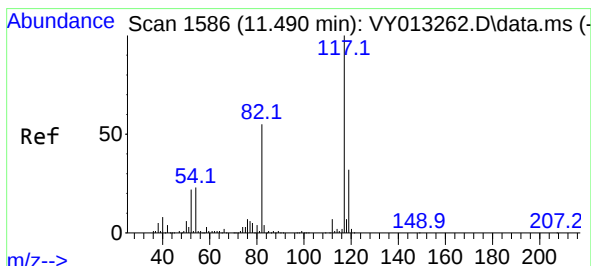
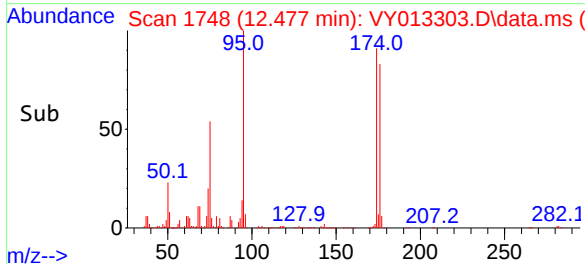
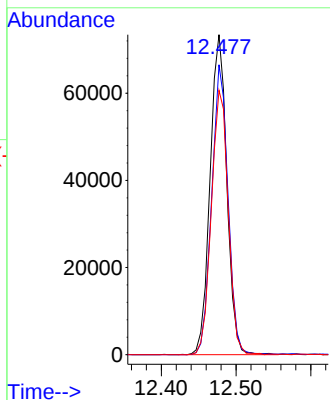
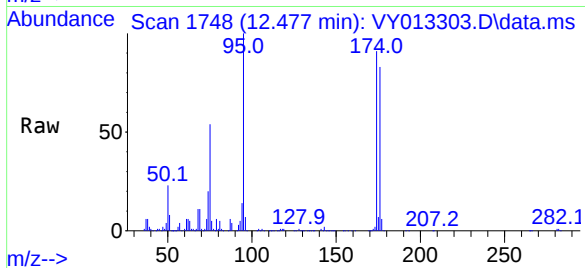




#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

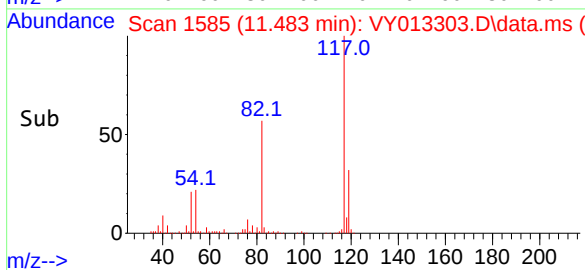
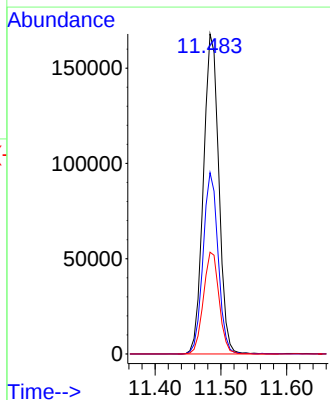
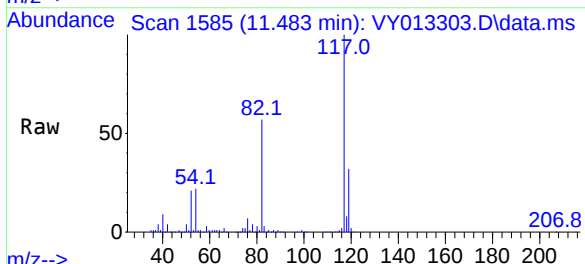
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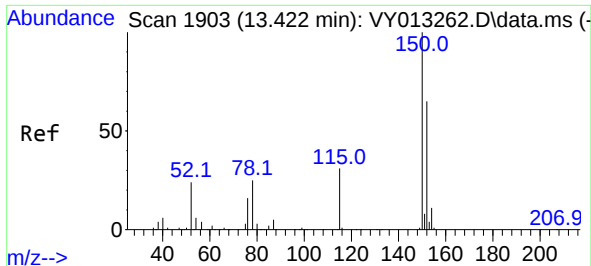
Tgt Ion: 95 Resp: 114290
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 83.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

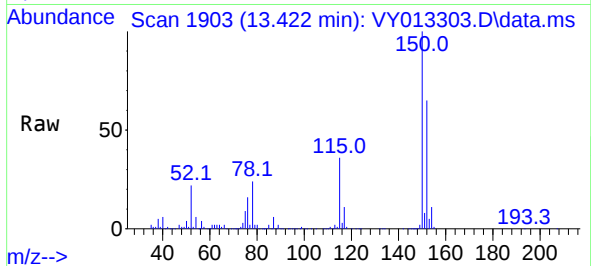
Tgt Ion: 117 Resp: 273523
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.8 25.6 38.4



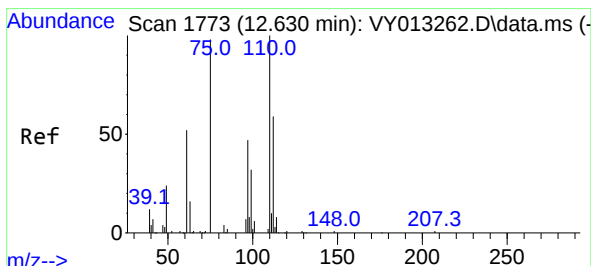
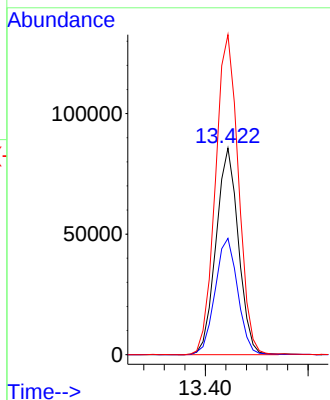
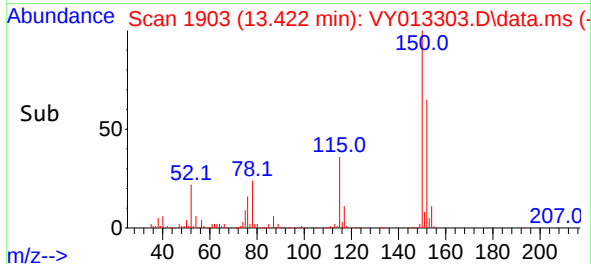


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-11

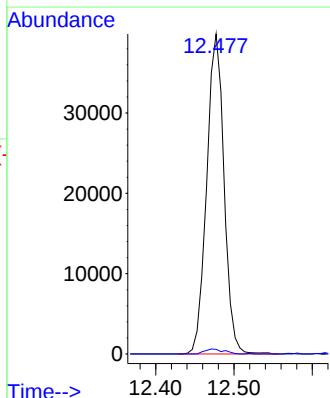
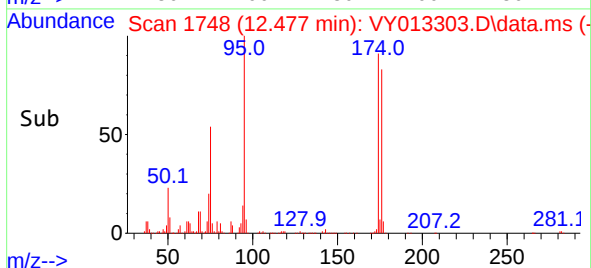
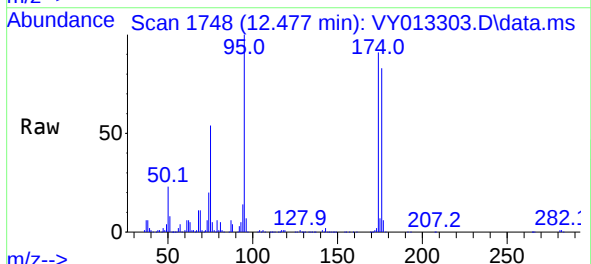


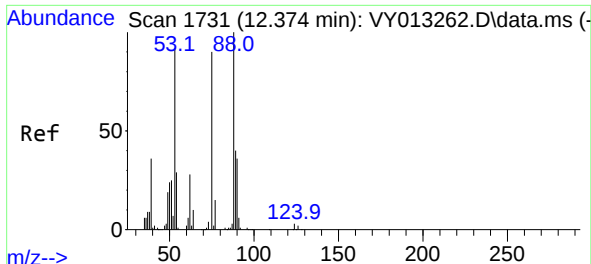
Tgt Ion:152 Resp: 129396
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 159.2 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 37.958 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Tgt Ion: 75 Resp: 61202
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

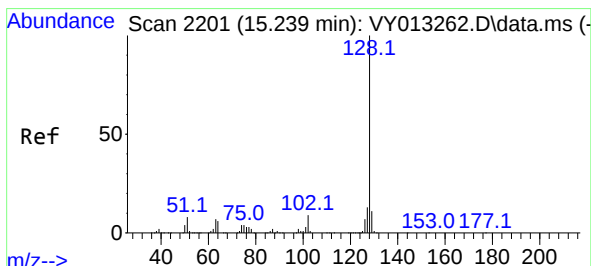
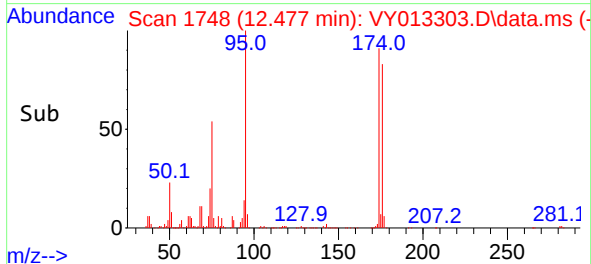
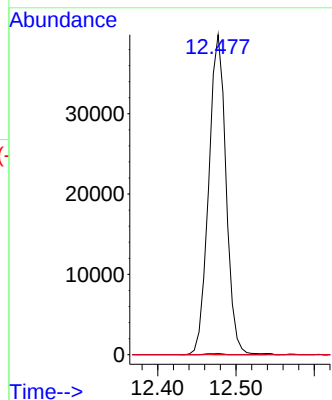
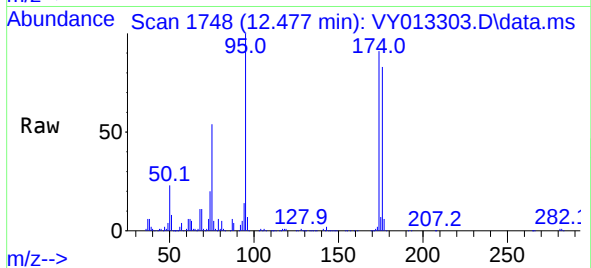




#81
trans-1,4-Dichloro-2-butene
Concen: 78.781 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-11

Tgt Ion: 75 Resp: 61202
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.1 36.6 55.0#



#95
Naphthalene
Concen: 3.251 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY013303.D
Acq: 13 Apr 2023 18:03

Tgt Ion: 128 Resp: 282
Ion Ratio Lower Upper
128 100
127 24.1 10.3 15.5#
129 20.2 8.6 13.0#

