

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013301.D
 Acq On : 13 Apr 2023 17:16
 Operator : KP/MD
 Sample : 02224-17
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-09

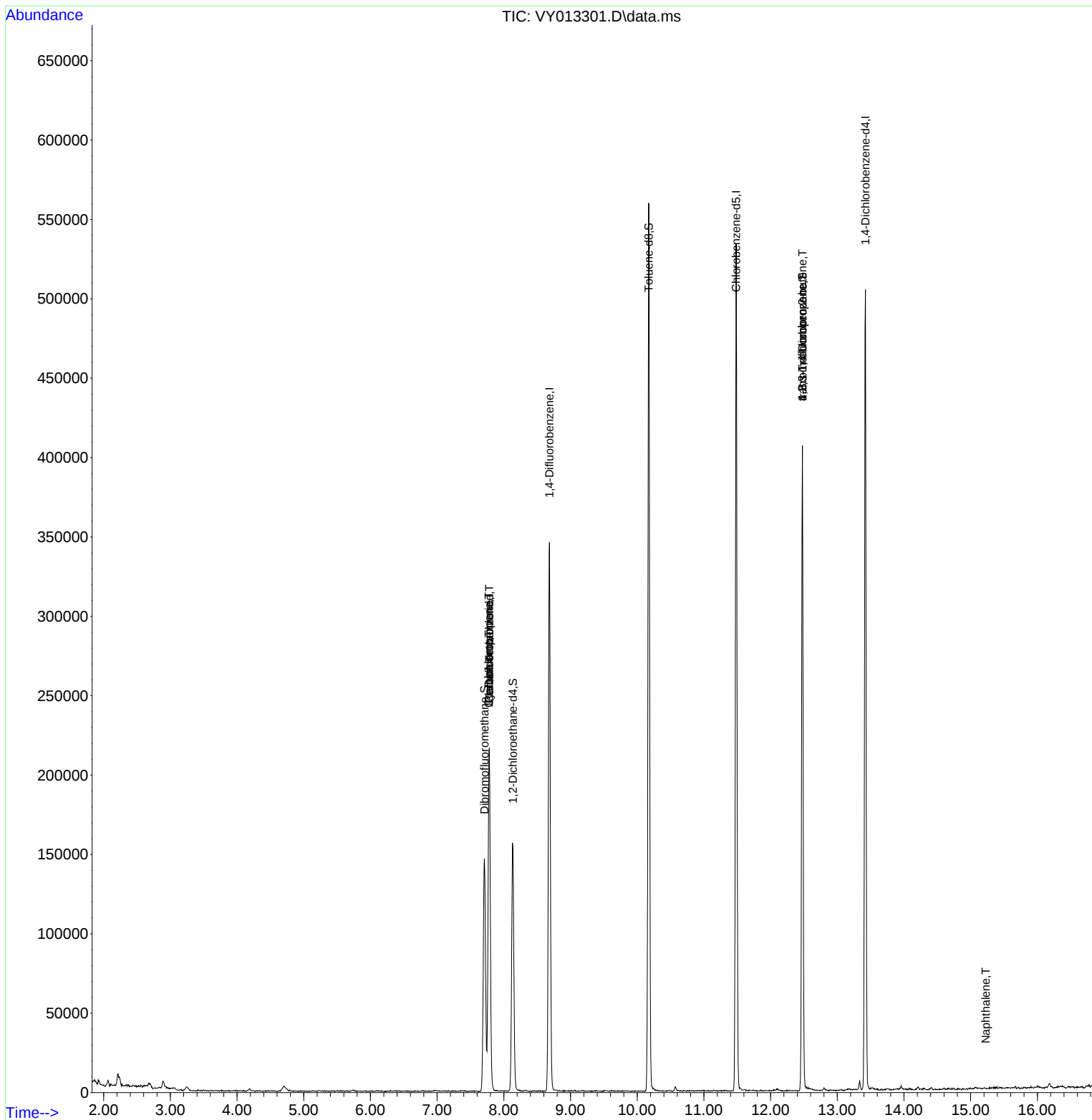
Quant Time: Apr 14 03:01:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

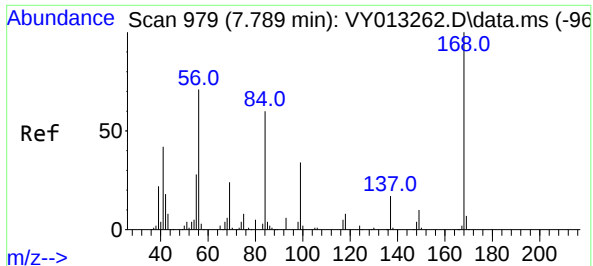
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	167146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	274140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122081	60.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.710	113	103549	55.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.400%	
50) Toluene-d8	10.173	98	353678	51.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.477	95	114307	50.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.003	59	63	Below Cal	#	74
20) Methylene Chloride	4.722	84	1891	Below Cal	#	61
31) Cyclohexane	7.777	56	4112	1.354	ug/l #	11
36) 1,1-Dichloropropene	7.777	75	13370	4.747	ug/l #	48
38) Carbon Tetrachloride	7.783	117	16284	5.229	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	62741	39.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62741	81.686	ug/l #	13
95) Naphthalene	15.227	128	231	3.243	ug/l #	73

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

Quant Time: Apr 14 03:01:19 2023
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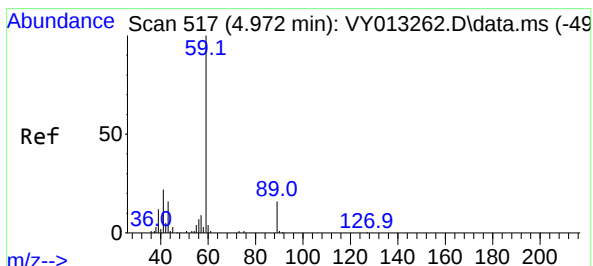
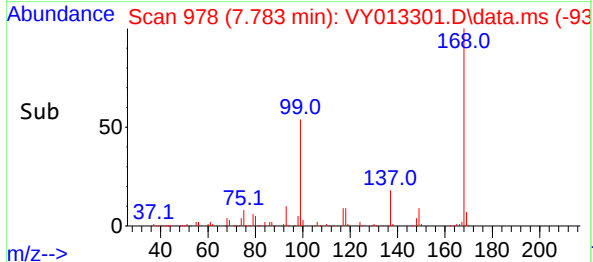
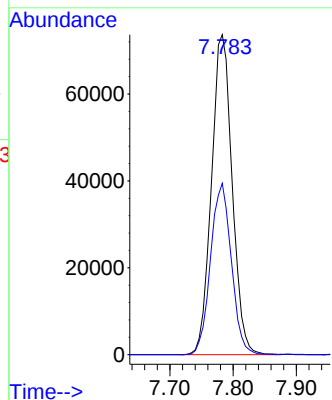
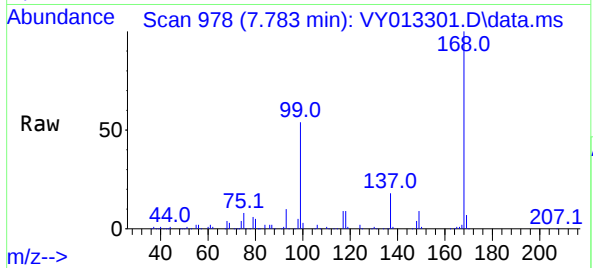




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

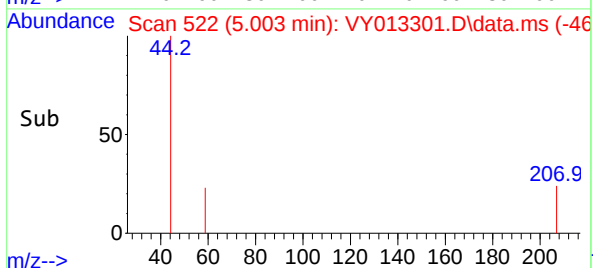
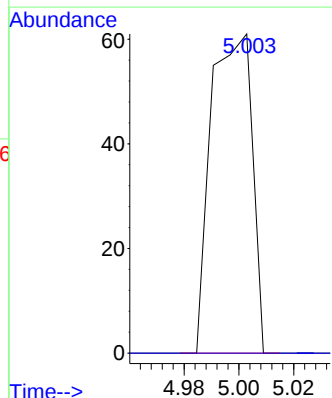
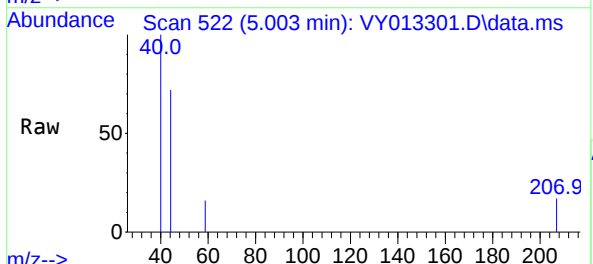
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09

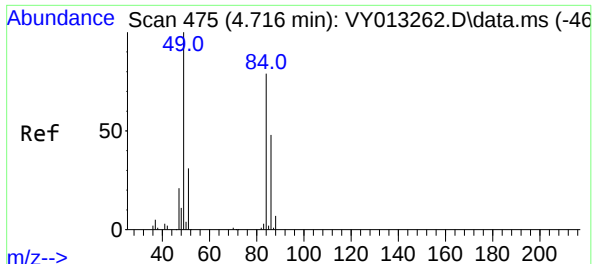
Tgt Ion:168 Resp: 167146
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.003 min Scan# 522
Delta R.T. 0.031 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

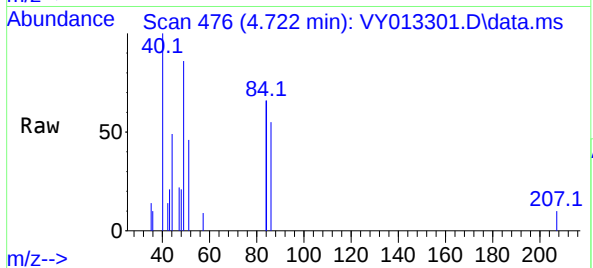
Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



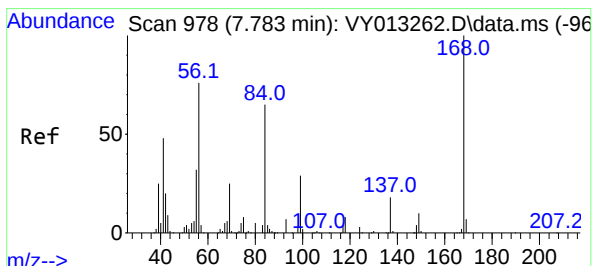
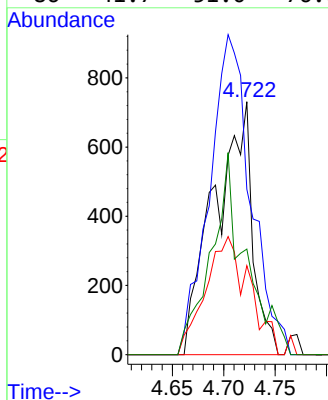
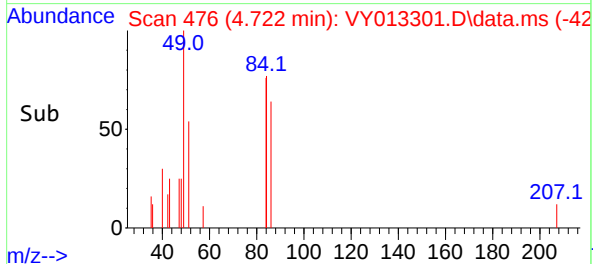


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

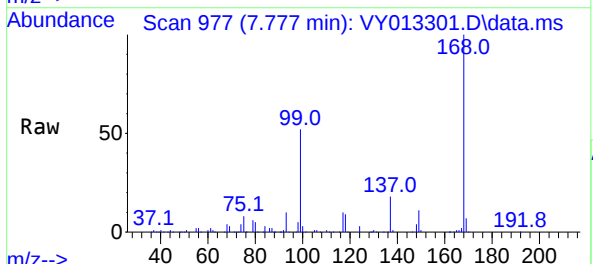
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09



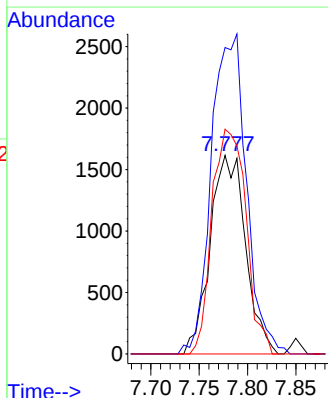
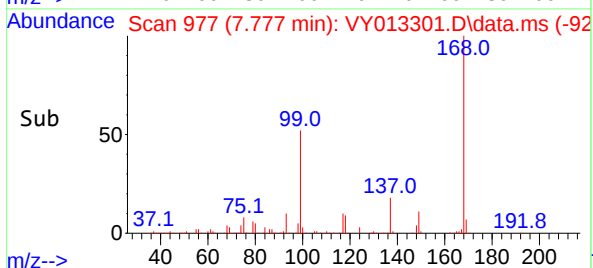
Tgt Ion: 84 Resp: 1891
Ion Ratio Lower Upper
84 100
49 65.4 102.6 154.0#
51 35.2 31.9 47.9
86 41.7 51.0 76.6#

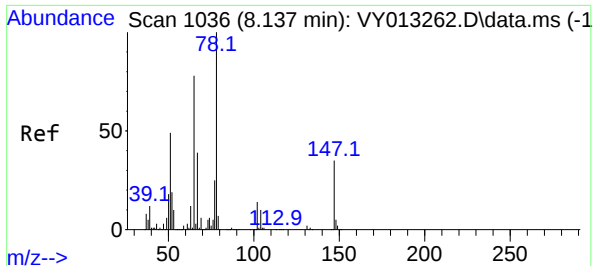


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16



Tgt Ion: 56 Resp: 4112
Ion Ratio Lower Upper
56 100
69 154.4 25.7 38.5#
84 113.3 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 60.776 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013301.D

Acq: 13 Apr 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

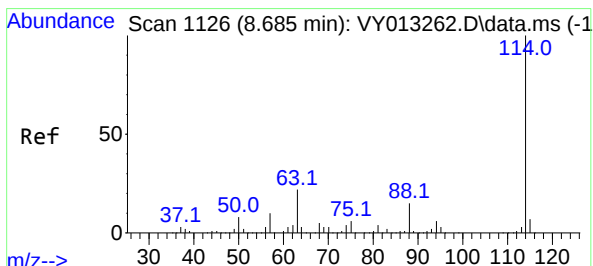
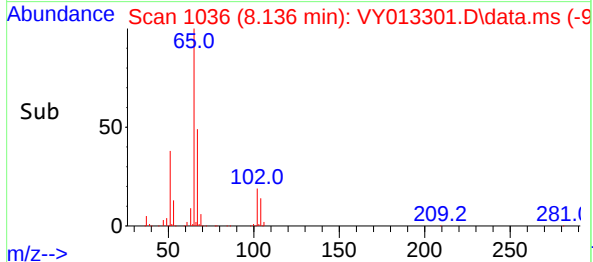
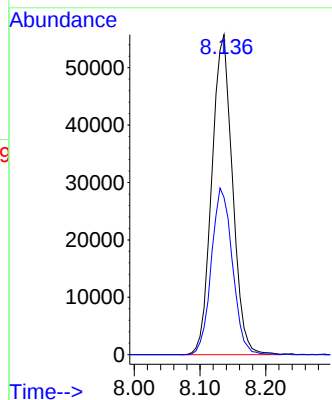
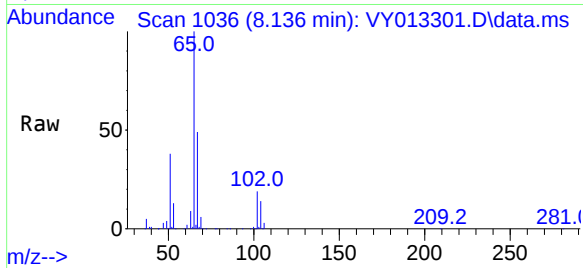
OU3-FC-BACKFILL-09

Tgt Ion: 65 Resp: 122081

Ion Ratio Lower Upper

65 100

67 53.1 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: VY013301.D

Acq: 13 Apr 2023 17:16

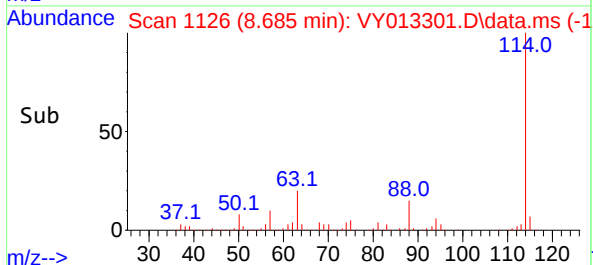
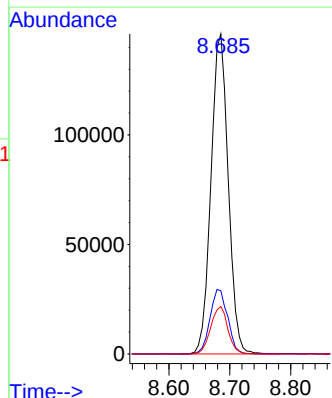
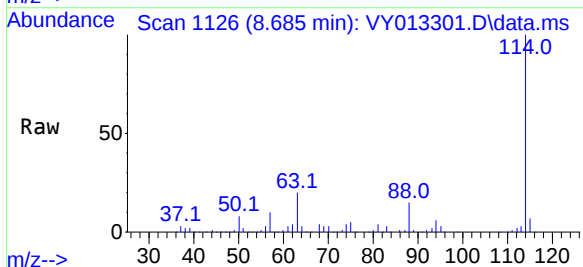
Tgt Ion: 114 Resp: 287181

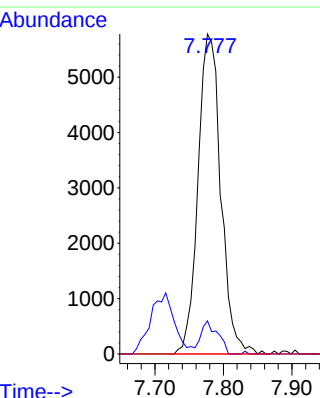
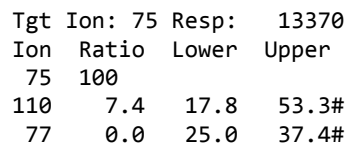
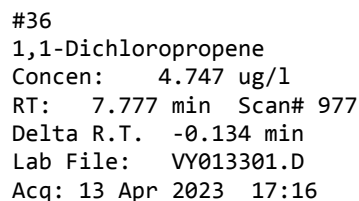
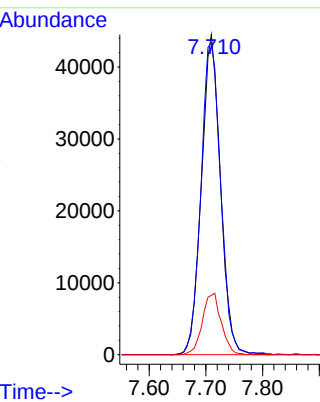
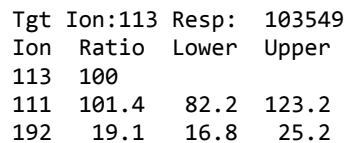
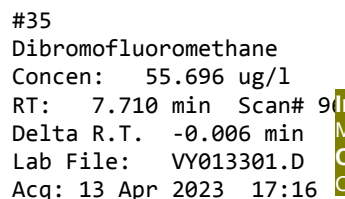
Ion Ratio Lower Upper

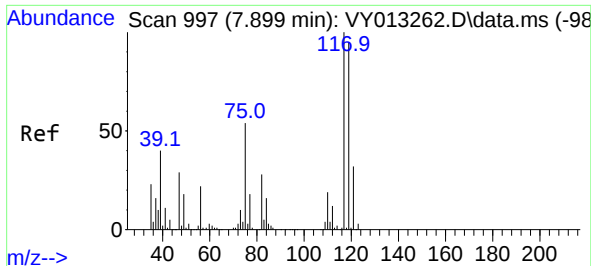
114 100

63 19.7 0.0 37.4

88 14.9 0.0 28.6



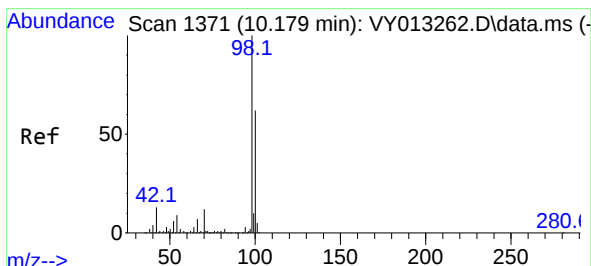
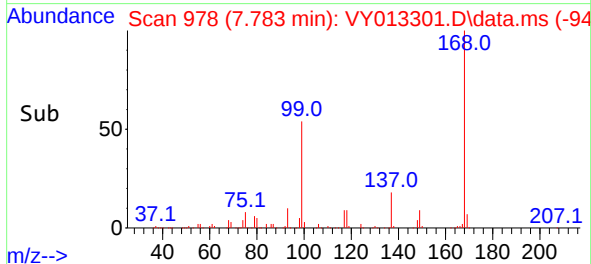
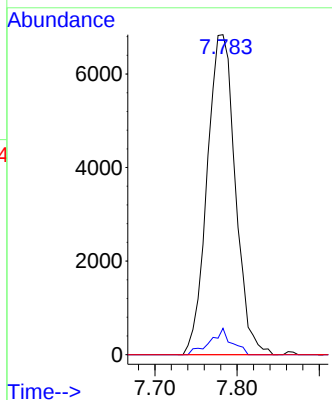
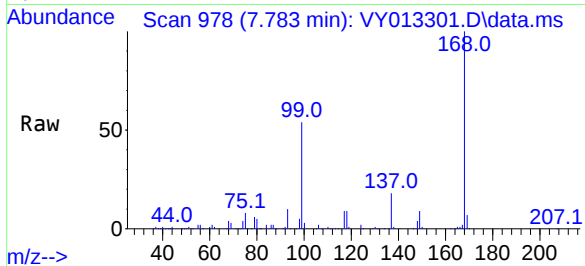




#38
Carbon Tetrachloride
Concen: 5.229 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

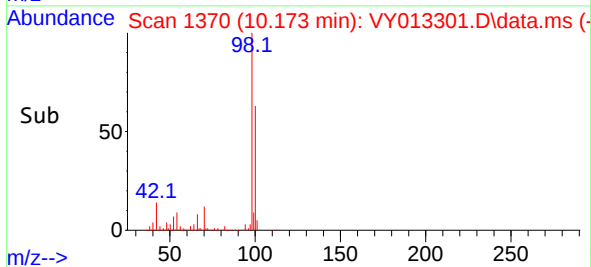
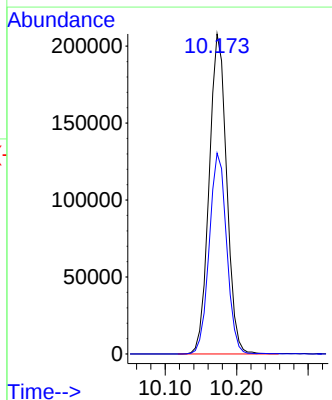
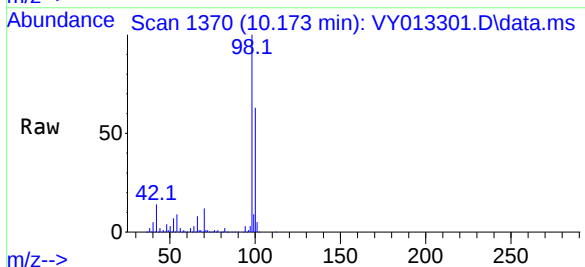
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09

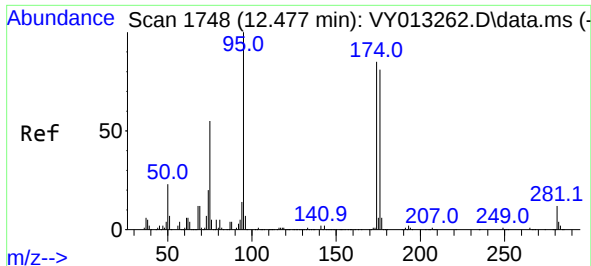
Tgt Ion:117 Resp: 16284
Ion Ratio Lower Upper
117 100
119 8.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Tgt Ion: 98 Resp: 353678
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

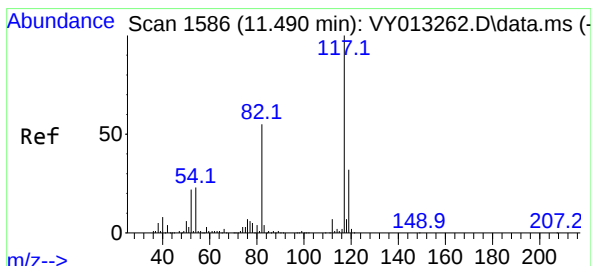
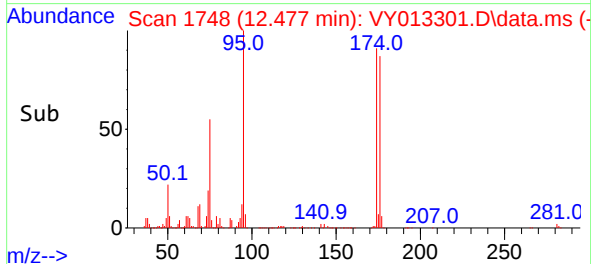
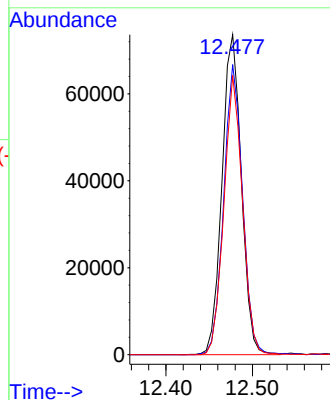
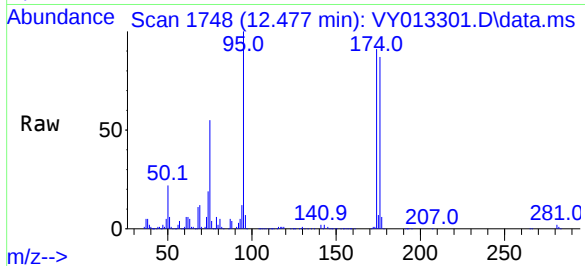




#62
4-Bromofluorobenzene
Concen: 50.838 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

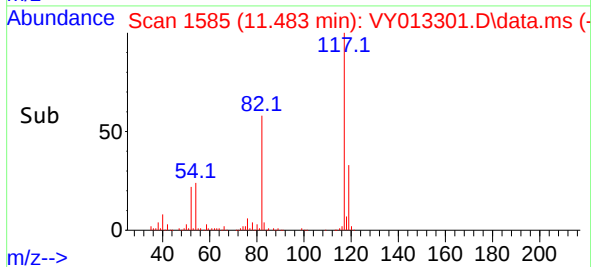
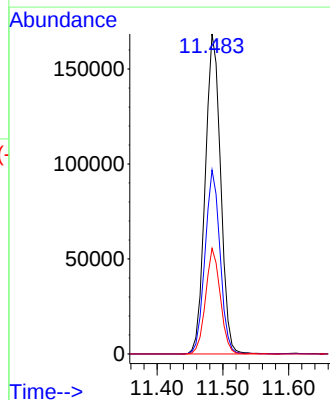
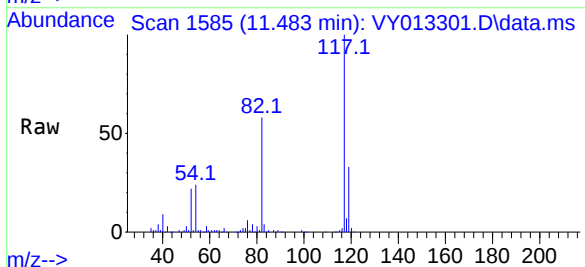
Instrument :
MSVOA_Y
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OU3-FC-BACKFILL-09

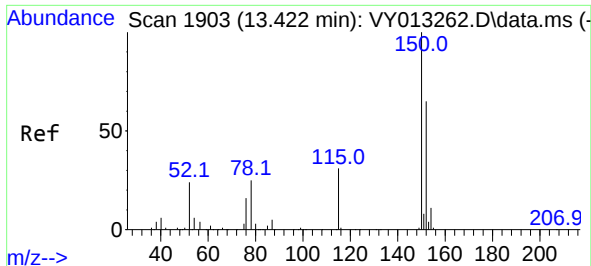
Tgt Ion: 95 Resp: 114307
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 83.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

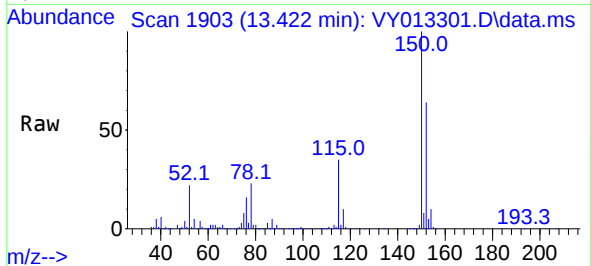
Tgt Ion: 117 Resp: 274140
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 33.0 25.6 38.4



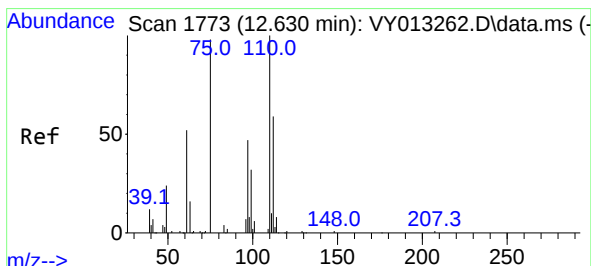
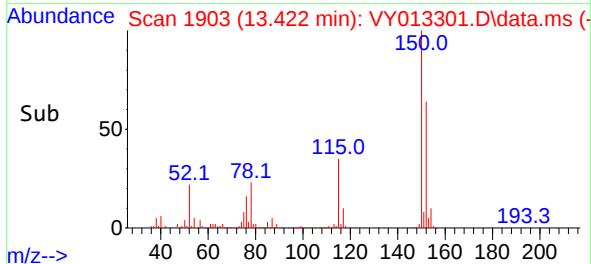
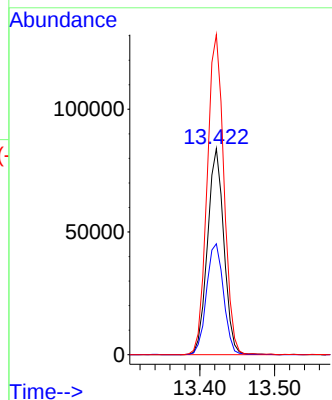


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09

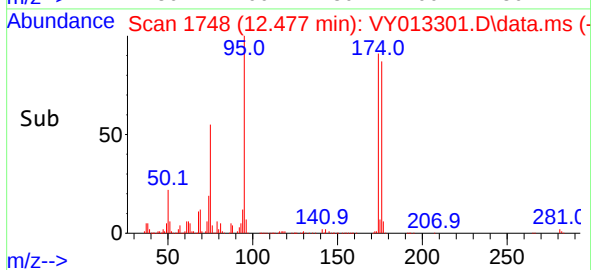
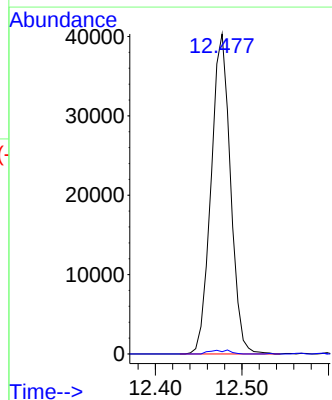
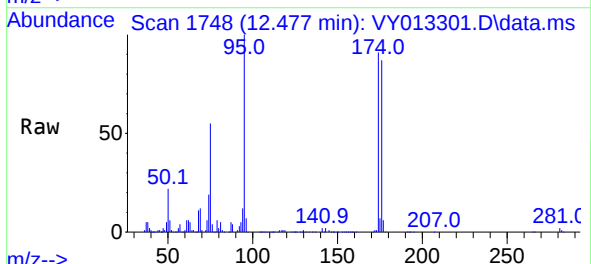


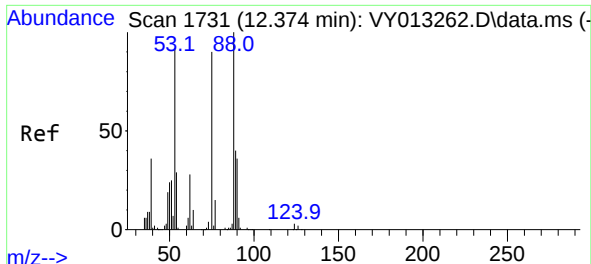
Tgt Ion:152 Resp: 127933
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 158.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 39.357 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Tgt Ion: 75 Resp: 62741
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

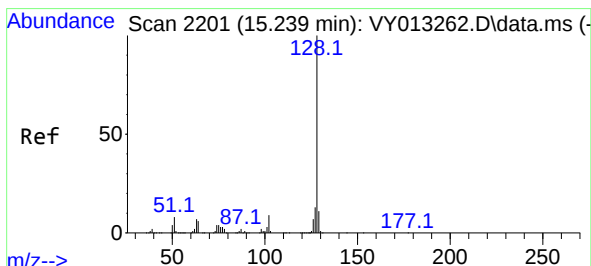
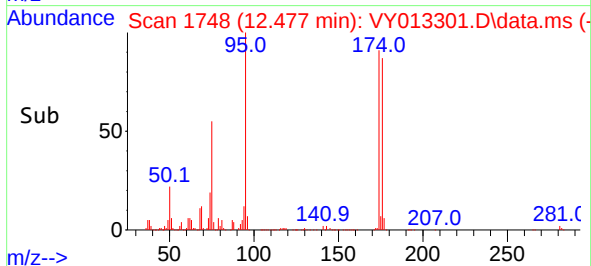
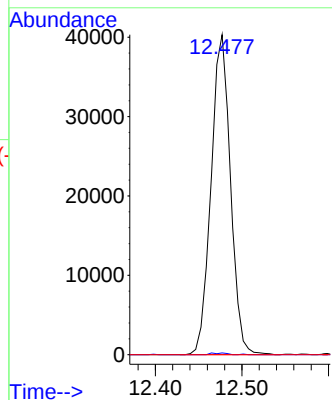
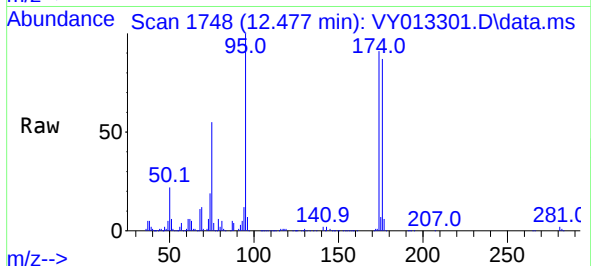




#81
trans-1,4-Dichloro-2-butene
Concen: 81.686 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-09

Tgt Ion: 75 Resp: 62741
Ion Ratio Lower Upper
75 100
53 0.4 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.243 ug/l
RT: 15.227 min Scan# 2199
Delta R.T. -0.012 min
Lab File: VY013301.D
Acq: 13 Apr 2023 17:16

Tgt Ion:128 Resp: 231
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 18.2 8.6 13.0#

