

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013297.D
 Acq On : 13 Apr 2023 15:42
 Operator : KP/MD
 Sample : 02224-09
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-05

Quant Time: Apr 14 03:00:45 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)

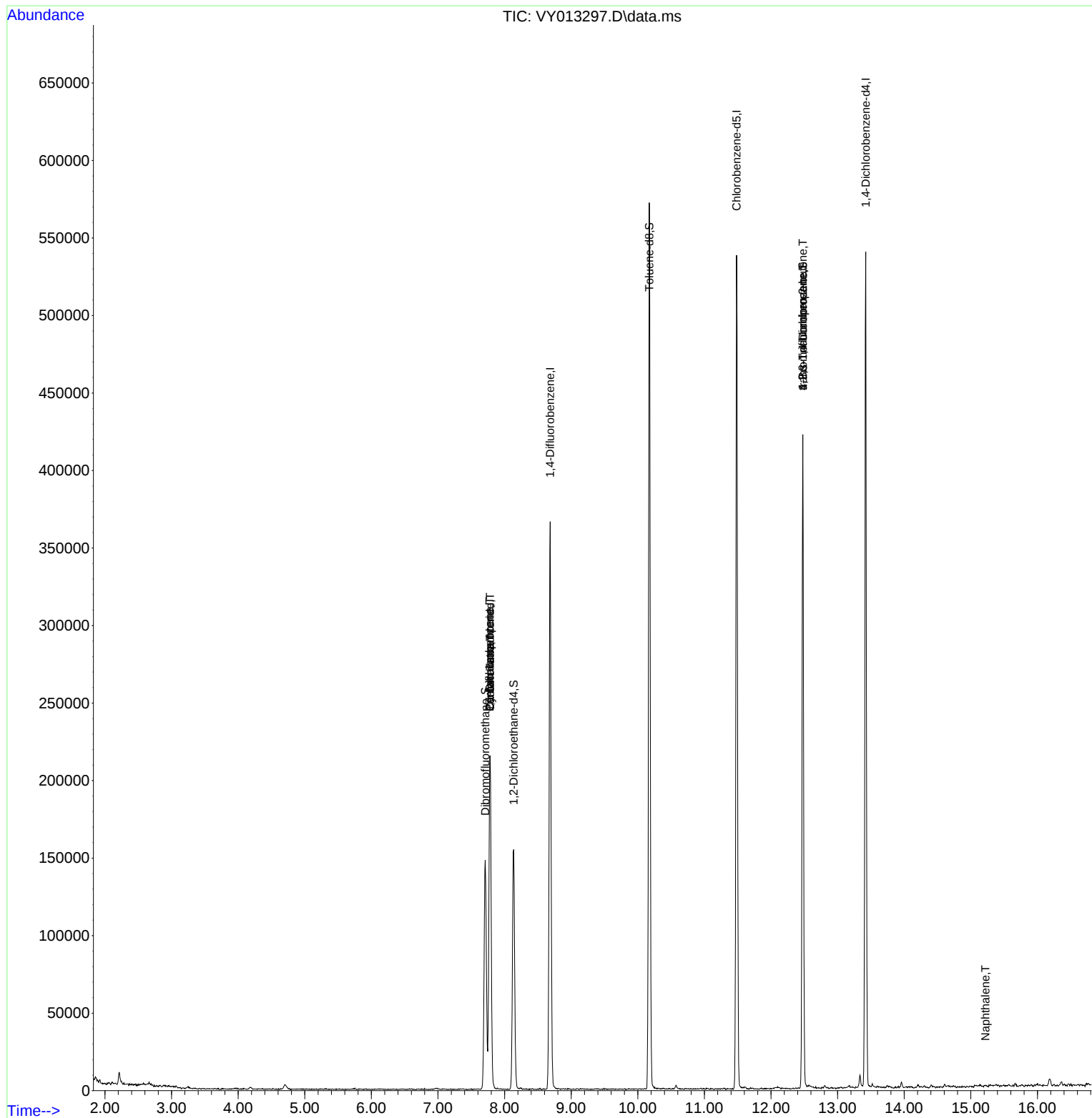
Internal Standards						
1) Pentafluorobenzene	7.777	168	167354	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	294951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	281999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123784	61.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.100%	
35) Dibromofluoromethane	7.710	113	103431	54.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.173	98	360212	50.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	117575	50.913	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	66	Below Cal	#	74
20) Methylene Chloride	4.704	84	2035	Below Cal	#	86
31) Cyclohexane	7.783	56	4085	1.343	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	13662	4.723	ug/l #	49
38) Carbon Tetrachloride	7.783	117	16594	5.188	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	63531	38.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63531	80.407	ug/l #	13
95) Naphthalene	15.220	128	479	3.282	ug/l #	69

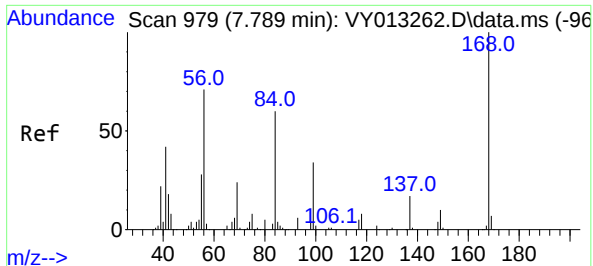
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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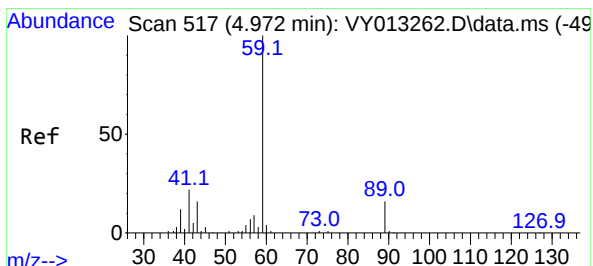
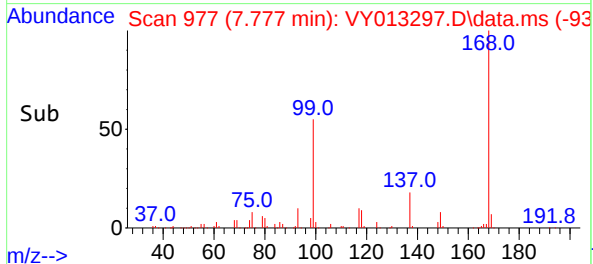
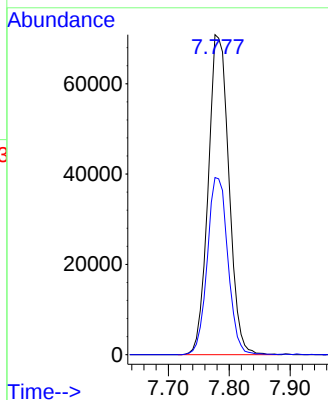
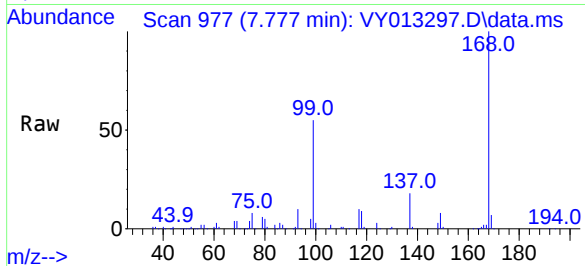




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

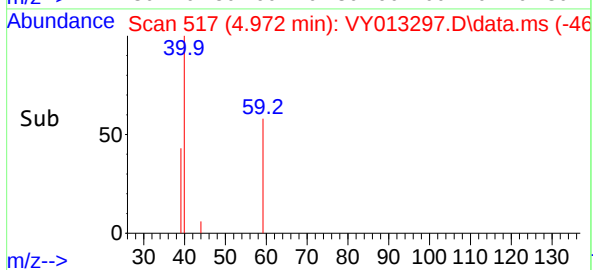
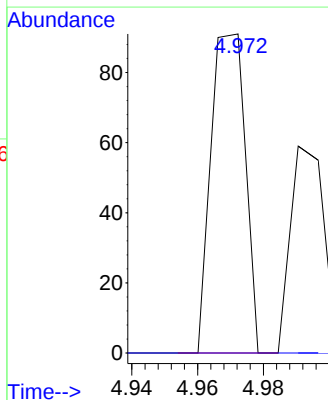
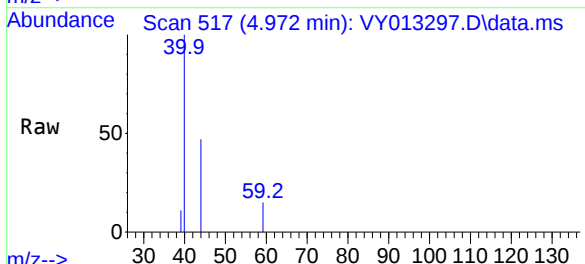
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-05

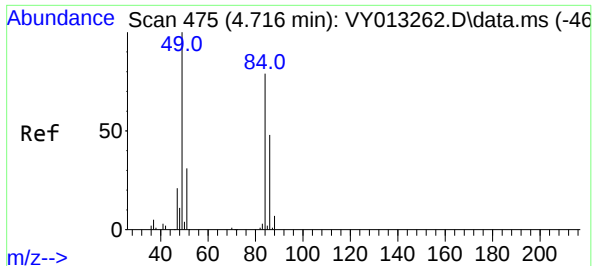
Tgt Ion:168 Resp: 167354
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



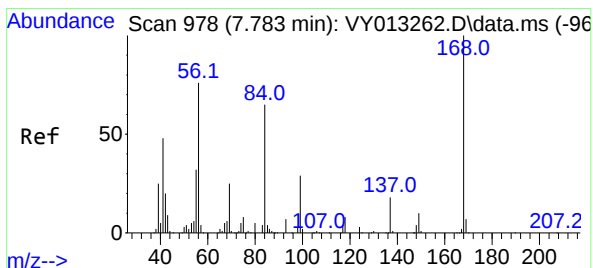
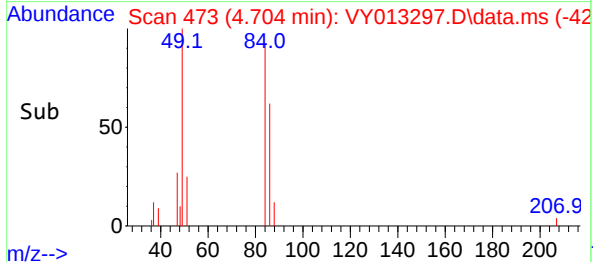
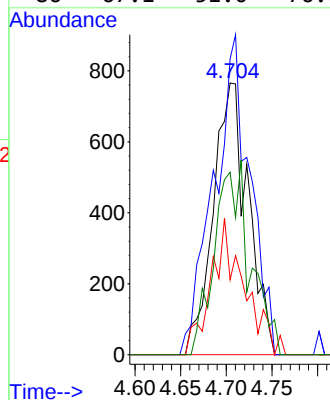
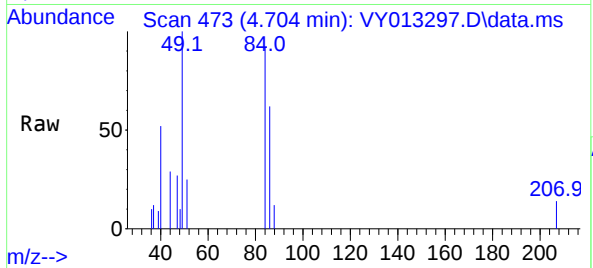


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-05

Tgt Ion: 84 Resp: 2035

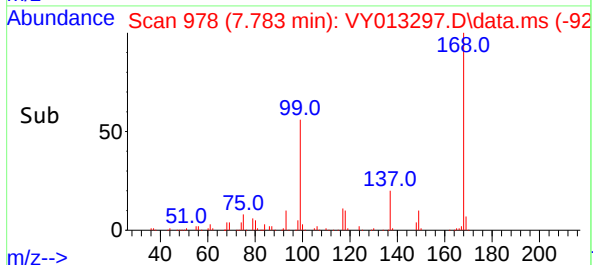
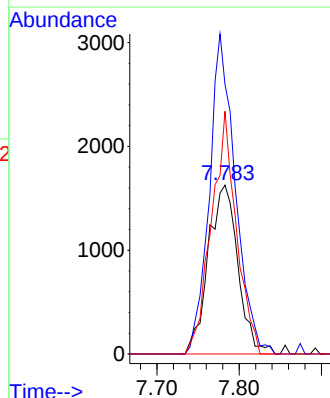
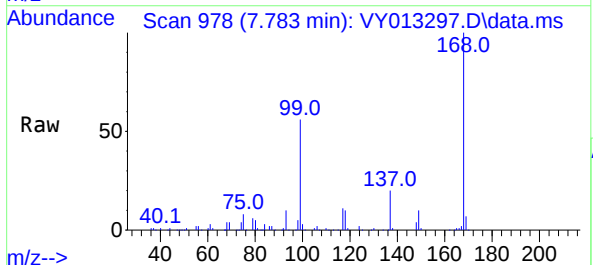
Ion	Ratio	Lower	Upper
84	100		
49	108.9	102.6	154.0
51	27.5	31.9	47.9#
86	67.1	51.0	76.6

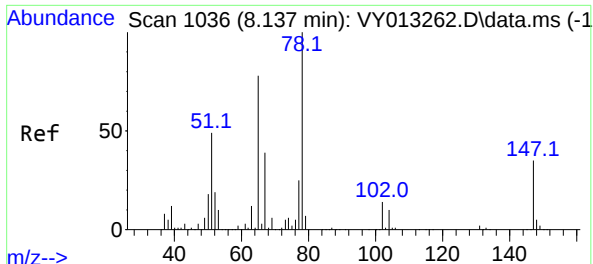


#31
Cyclohexane
Concen: 1.343 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion: 56 Resp: 4085

Ion	Ratio	Lower	Upper
56	100		
69	159.6	25.7	38.5#
84	143.8	64.3	96.5#

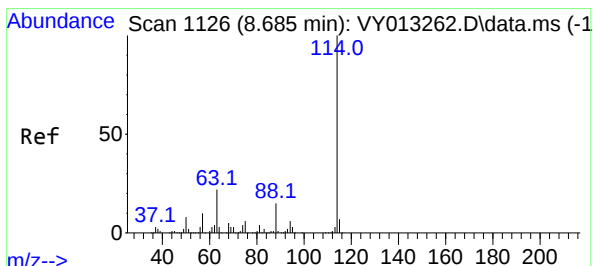
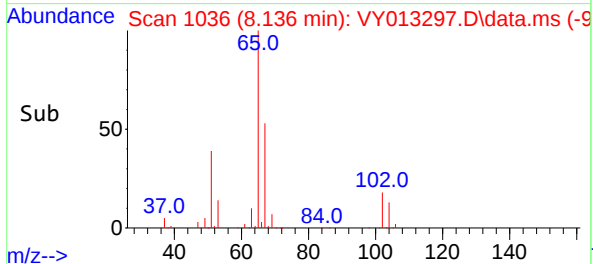
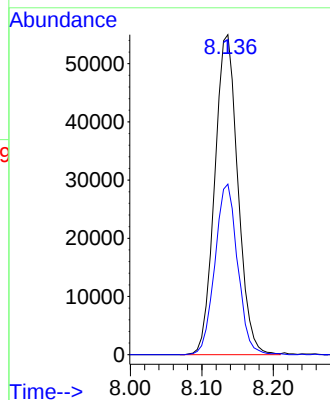
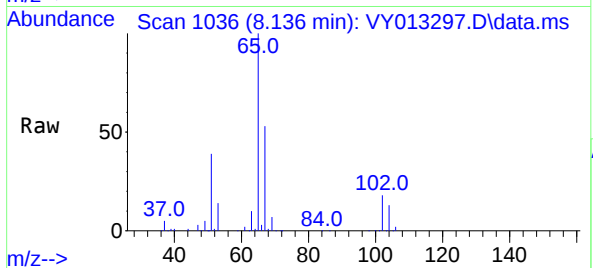




#33
1,2-Dichloroethane-d4
Concen: 61.547 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

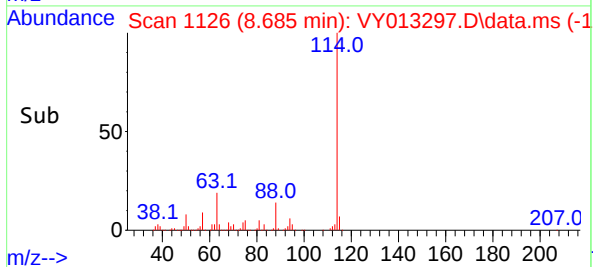
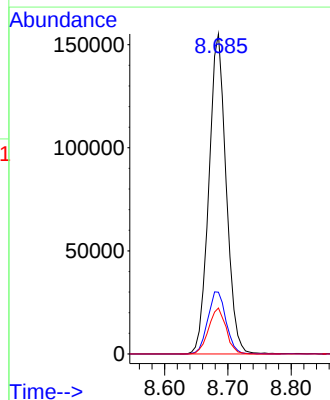
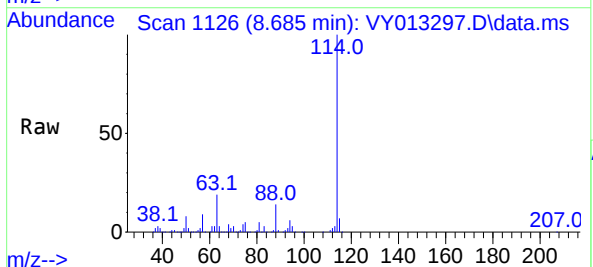
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-05

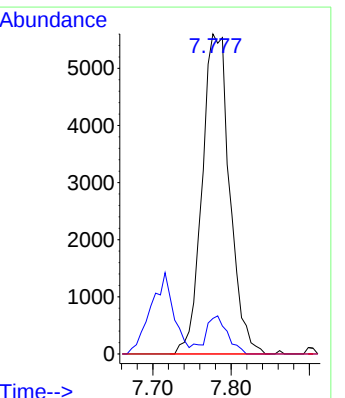
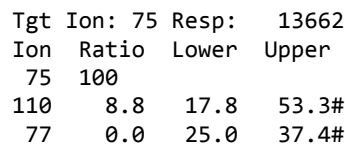
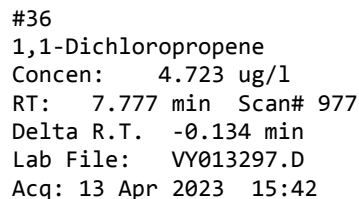
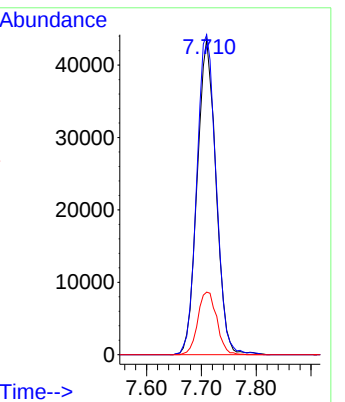
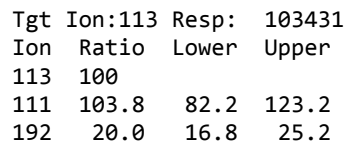
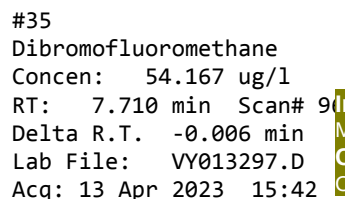
Tgt Ion: 65 Resp: 123784
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

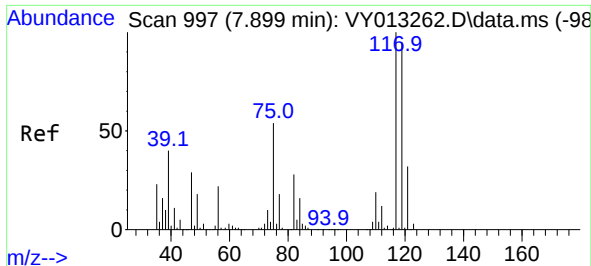


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion:114 Resp: 294951
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.4 0.0 28.6

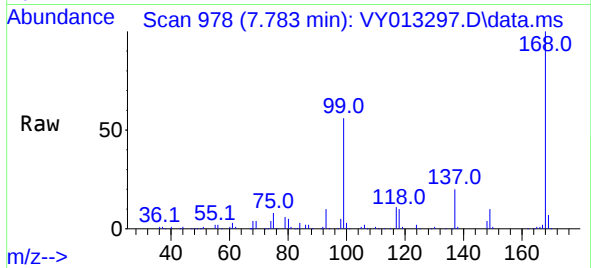




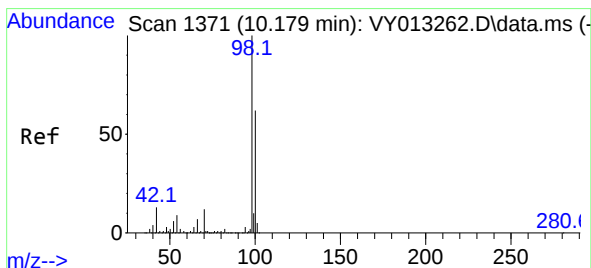
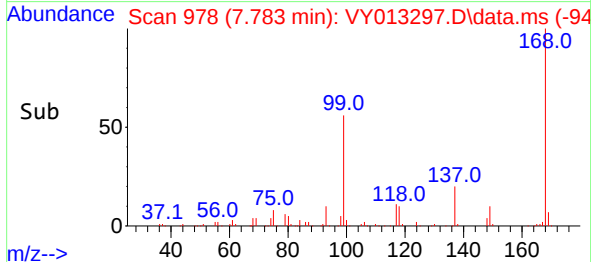
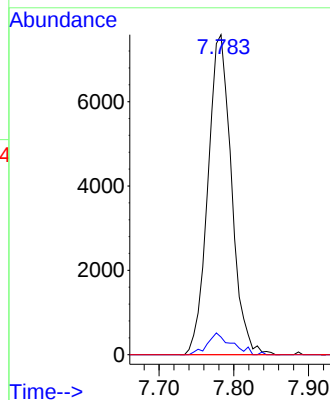


#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-05

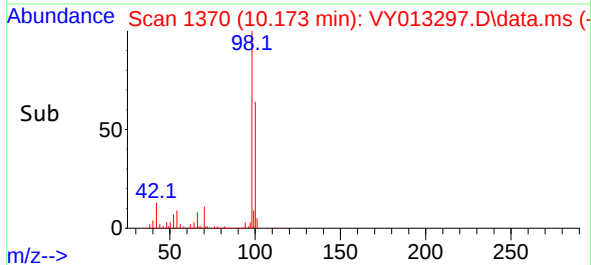
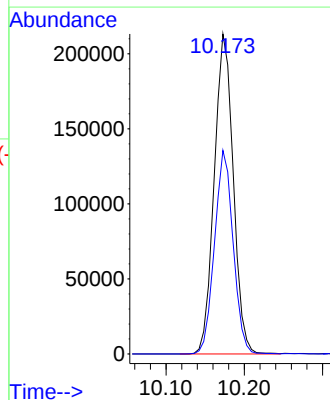
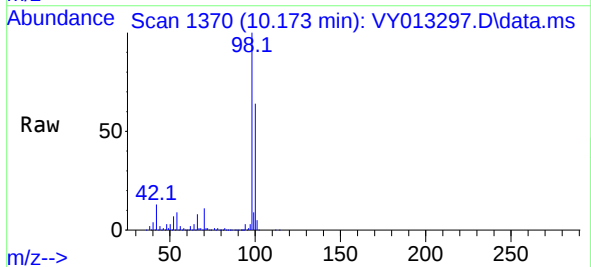


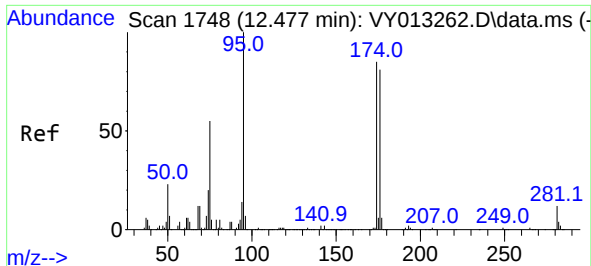
Tgt Ion:117 Resp: 16594
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.681 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion: 98 Resp: 360212
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3

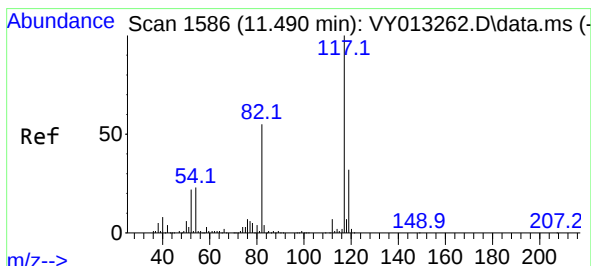
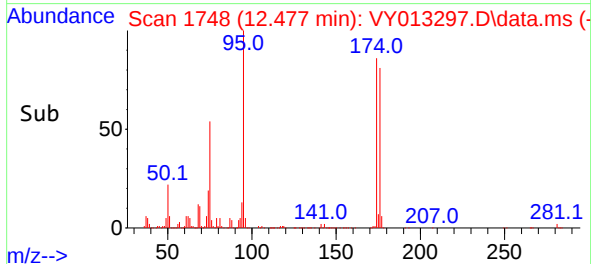
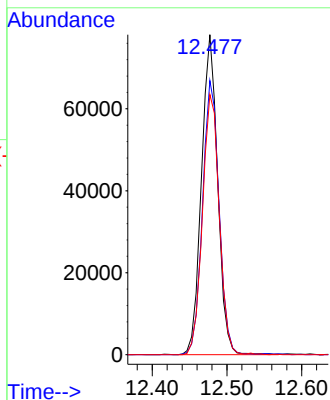
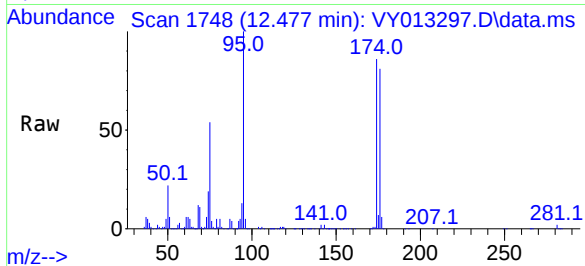




#62
4-Bromofluorobenzene
Concen: 50.913 ug/l
RT: 12.477 min Scan# 117575
Delta R.T. -0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

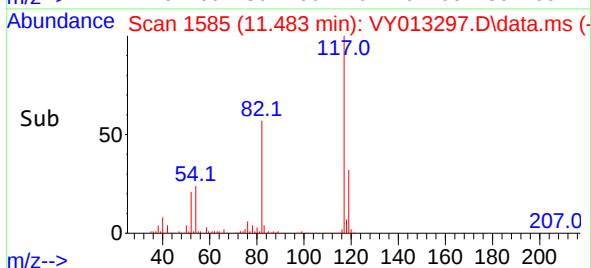
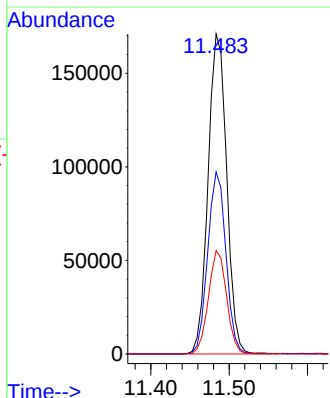
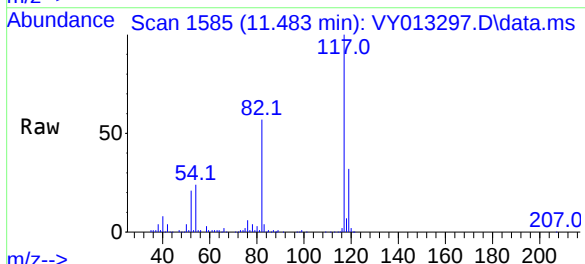
Instrument :
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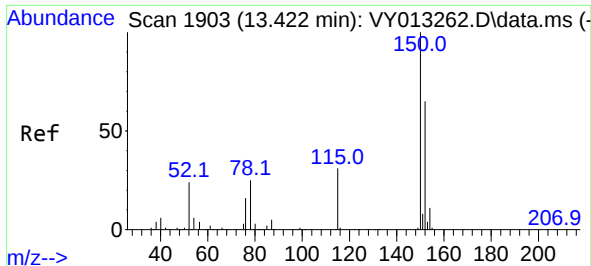
Tgt Ion: 95 Resp: 117575
Ion Ratio Lower Upper
95 100
174 87.3 0.0 176.6
176 84.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

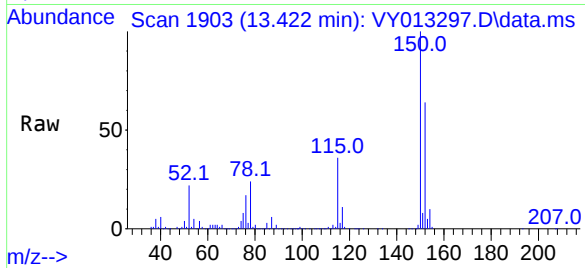
Tgt Ion: 117 Resp: 281999
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 32.3 25.6 38.4



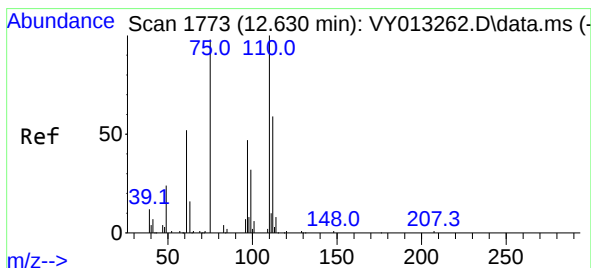
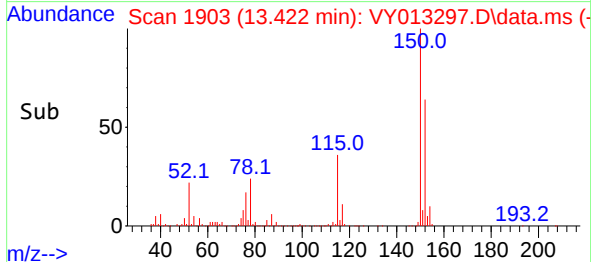
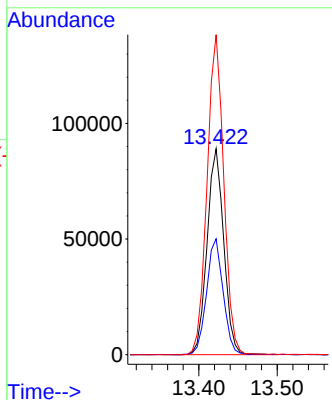


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
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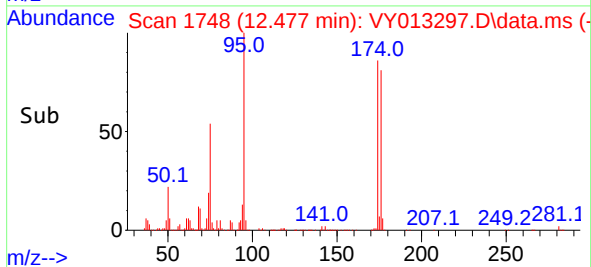
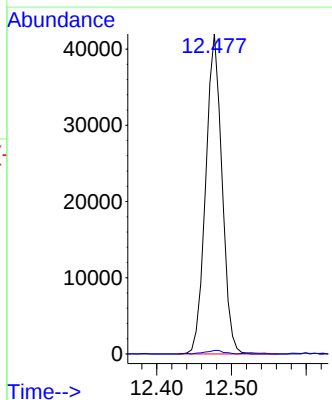
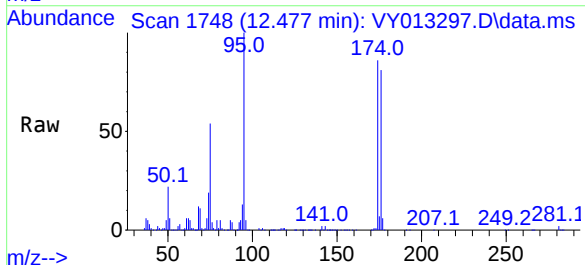


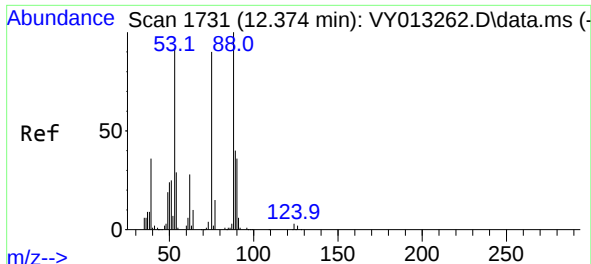
Tgt Ion:152 Resp: 131603
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 155.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 38.741 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion: 75 Resp: 63531
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

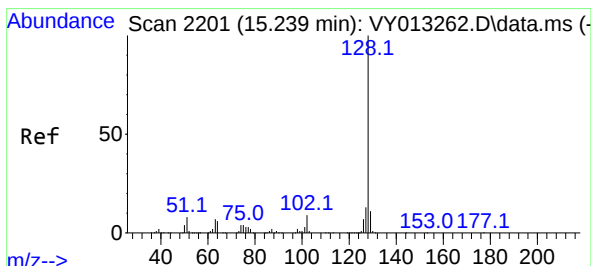
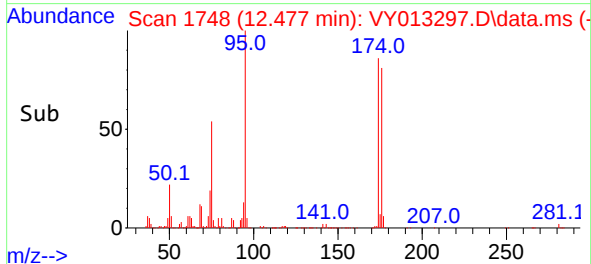
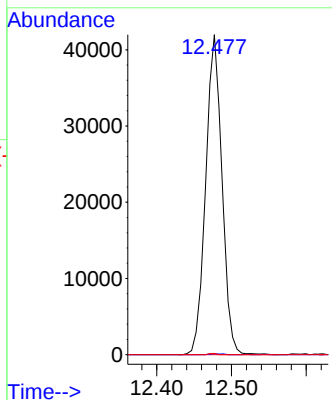
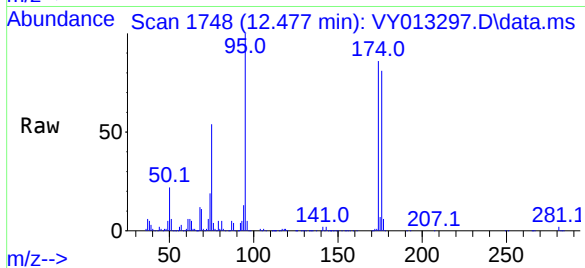




#81
trans-1,4-Dichloro-2-butene
Concen: 80.407 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 63531
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.2 36.6 55.0#



#95
Naphthalene
Concen: 3.282 ug/l
RT: 15.220 min Scan# 2198
Delta R.T. -0.019 min
Lab File: VY013297.D
Acq: 13 Apr 2023 15:42

Tgt Ion:128 Resp: 479
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

