

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017805.D
 Acq On : 01 Apr 2024 13:23
 Operator : SY/MD
 Sample : P1917-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CCM-2

Quant Time: Apr 02 03:19:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

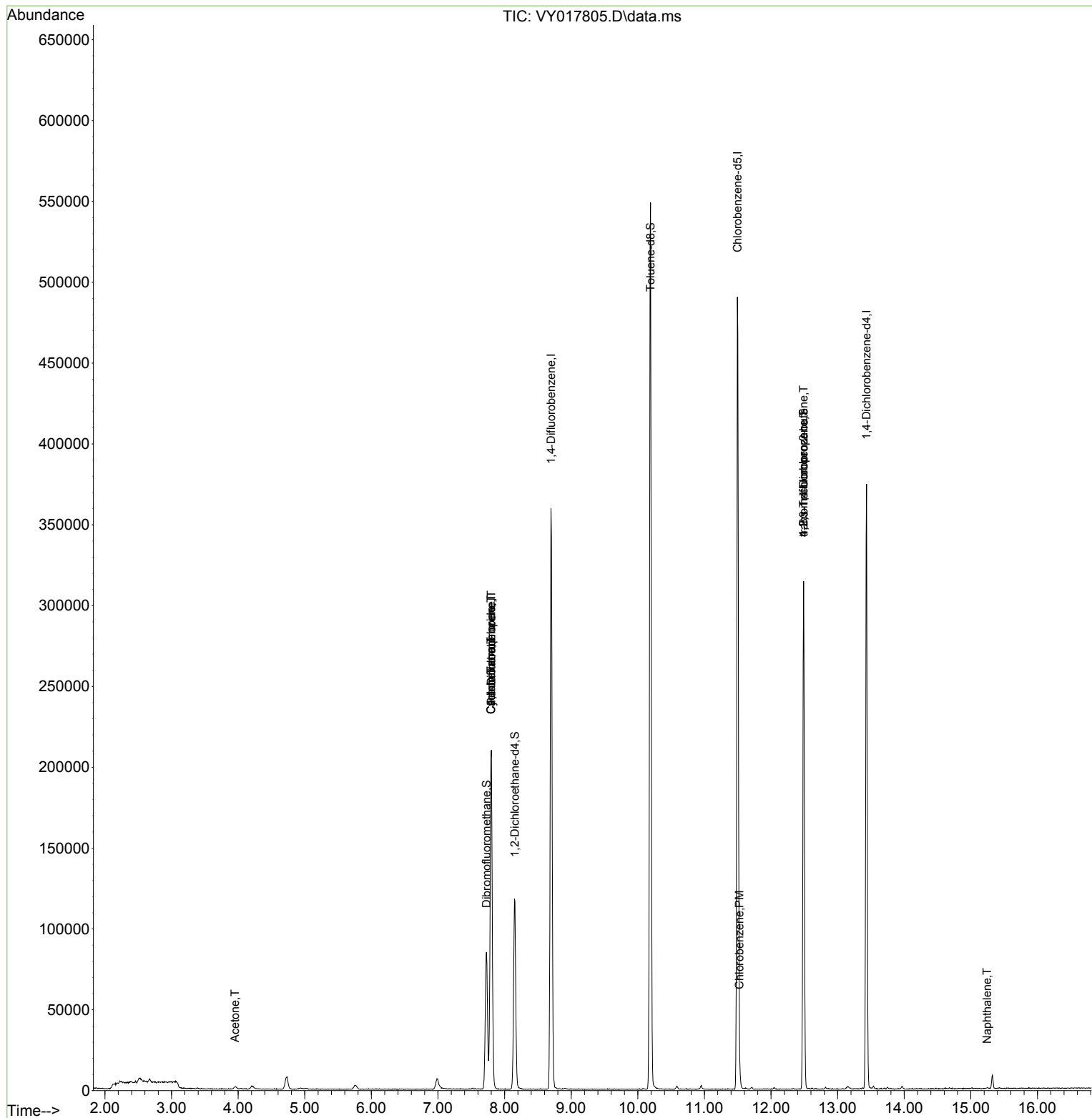
Internal Standards						
1) Pentafluorobenzene	7.801	168	166745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91202	63.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.420%	
35) Dibromofluoromethane	7.728	113	61938	34.480	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.960%	
50) Toluene-d8	10.191	98	366423	54.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.489	95	91188	44.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	948	Below Cal	#	88
16) Acetone	3.954	43	2739	9.183	ug/l	90
31) Cyclohexane	7.795	56	3574	1.406	ug/l #	29
36) 1,1-Dichloropropene	7.801	75	12984	4.954	ug/l #	47
38) Carbon Tetrachloride	7.795	117	15635	5.746	ug/l #	16
41) Methacrylonitrile	7.344	41	22	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.075	43	388	Below Cal	#	31
59) 2-Hexanone	10.843	43	21	Below Cal	#	19
65) Chlorobenzene	11.526	112	7118	1.284	ug/l	89
69) o-Xylene	12.038	106	133	Below Cal		53
70) Styrene	12.050	104	345	Below Cal		93
74) N-amyl acetate	12.050	43	19	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.489	75	48919	57.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48919	110.428	ug/l #	16
95) Naphthalene	15.245	128	742	1.104	ug/l #	72

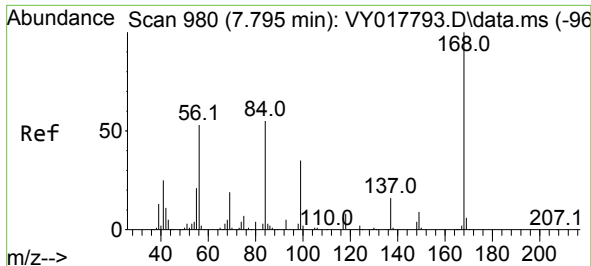
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
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Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

Quant Time: Apr 02 03:19:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

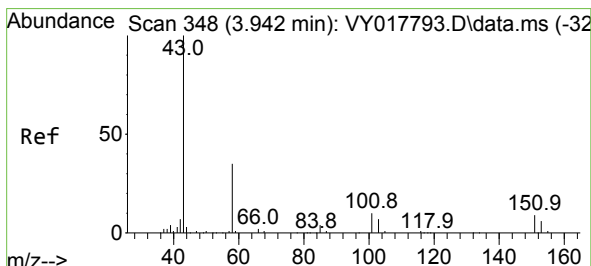
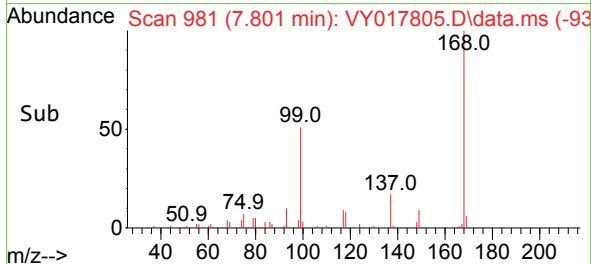
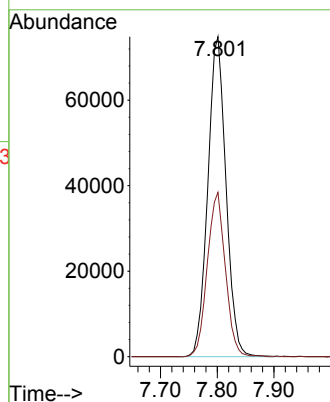
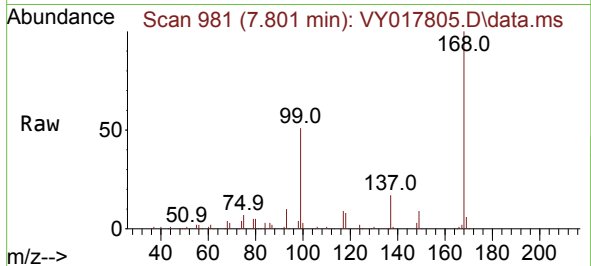




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

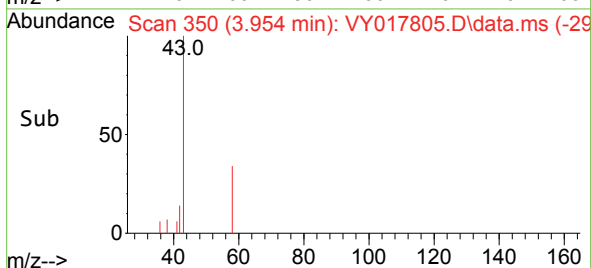
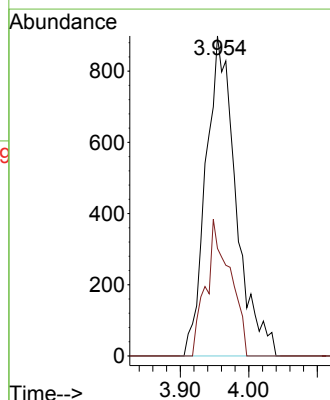
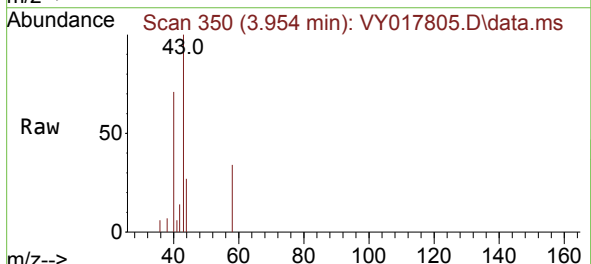
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

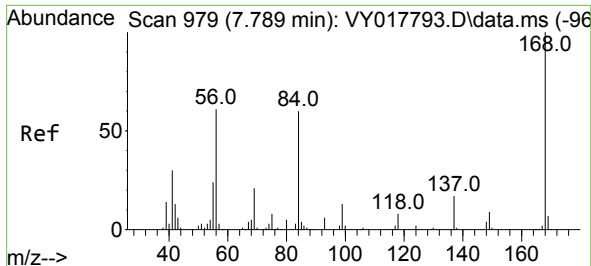
Tgt Ion:168 Resp: 166745
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#16
Acetone
Concen: 9.183 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
58 33.6 31.7 47.5

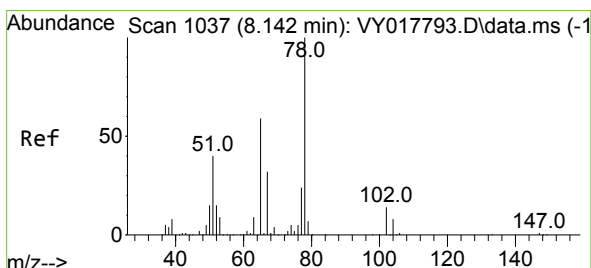
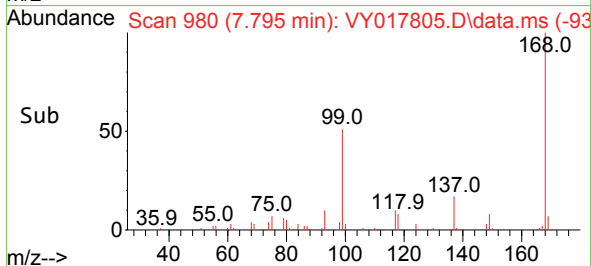
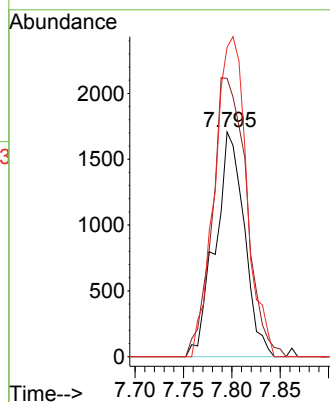
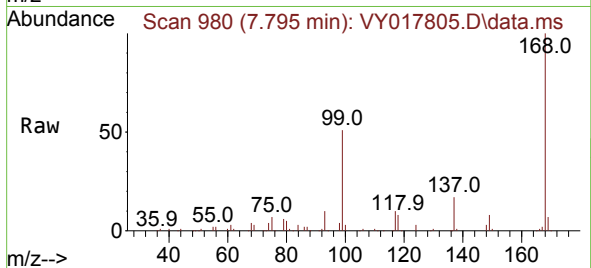




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

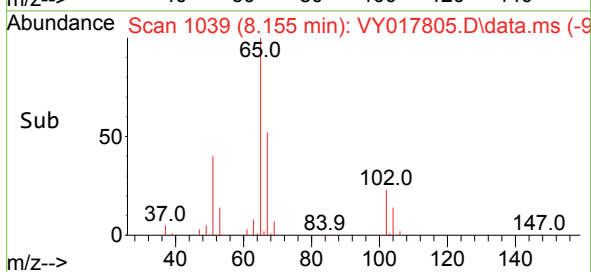
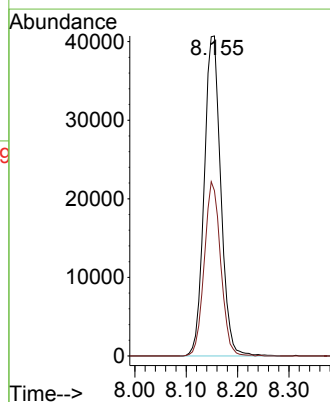
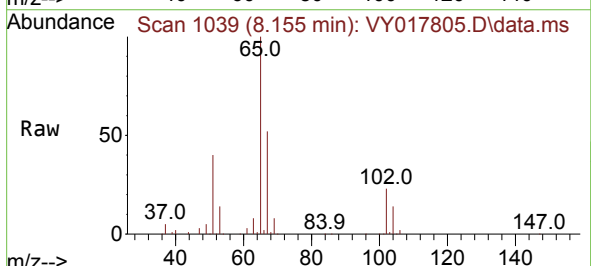
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

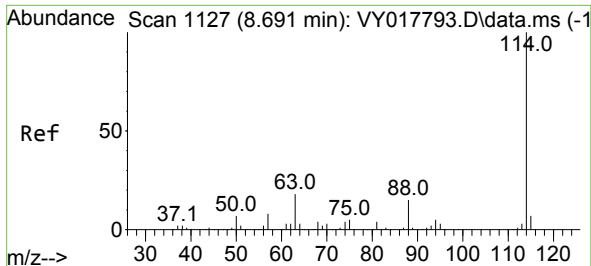
Tgt Ion: 56 Resp: 3574
Ion Ratio Lower Upper
56 100
69 123.8 28.7 43.1#
84 137.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.207 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 65 Resp: 91202
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

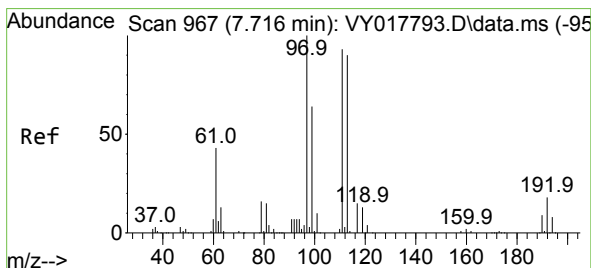
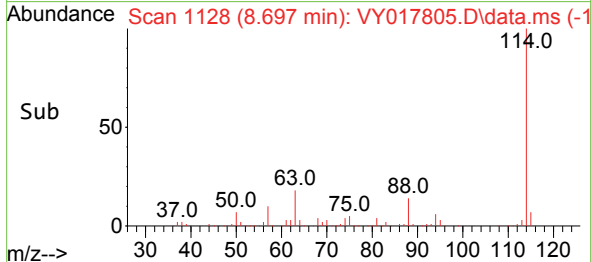
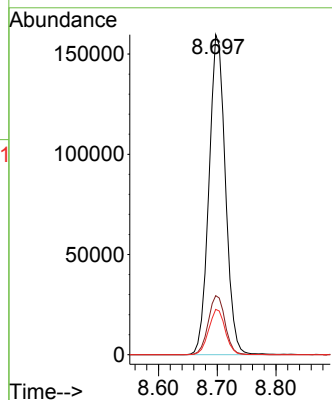
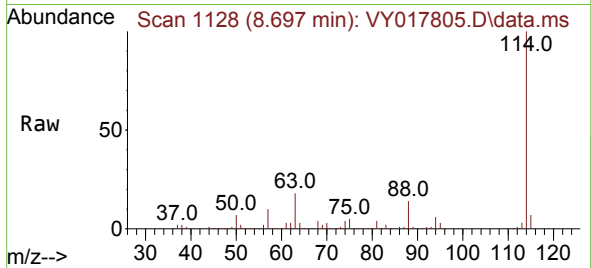




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

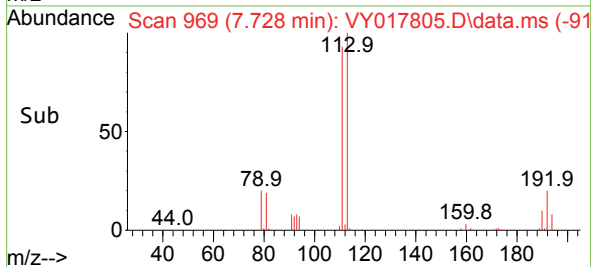
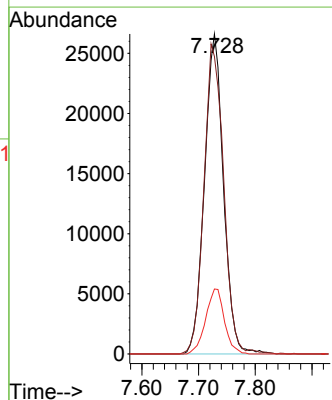
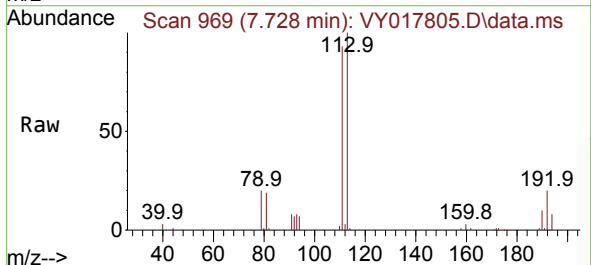
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

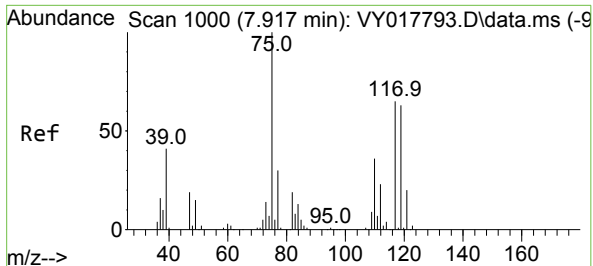
Tgt Ion:114 Resp: 310866
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 34.480 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion:113 Resp: 61938
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.1 15.9 23.9

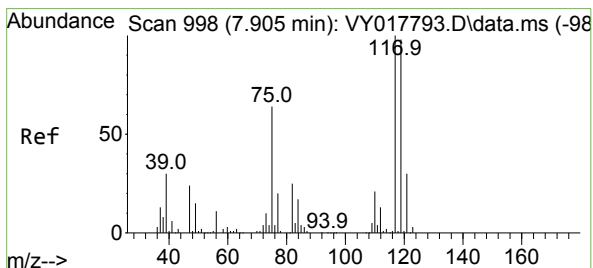
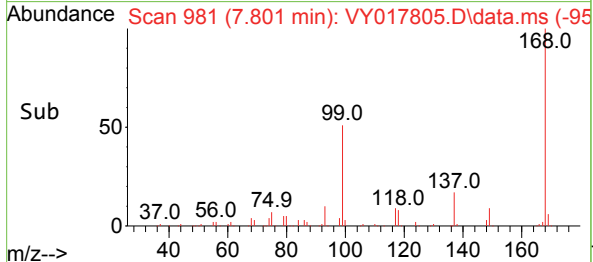
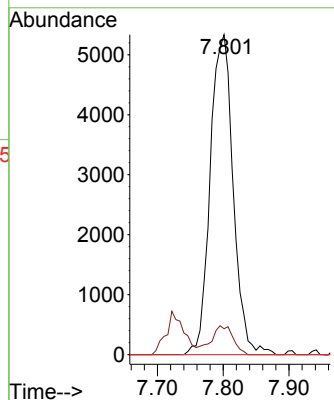
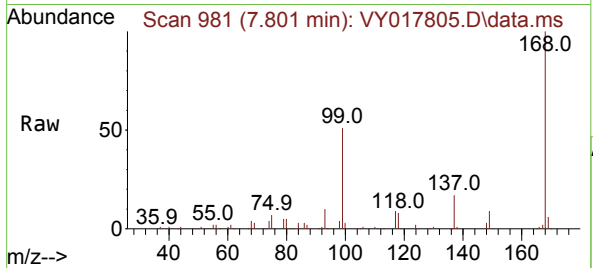




#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

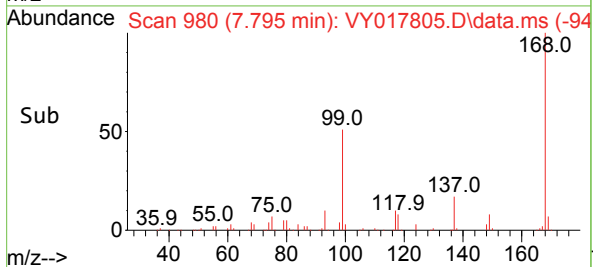
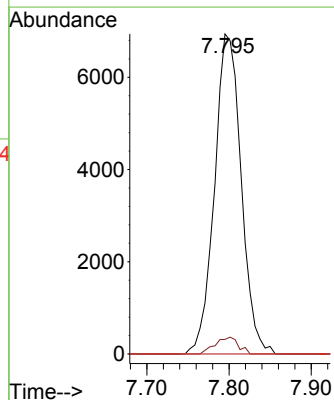
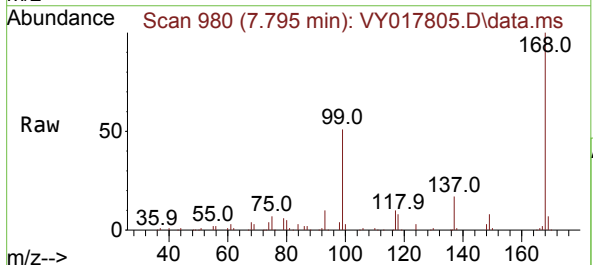
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

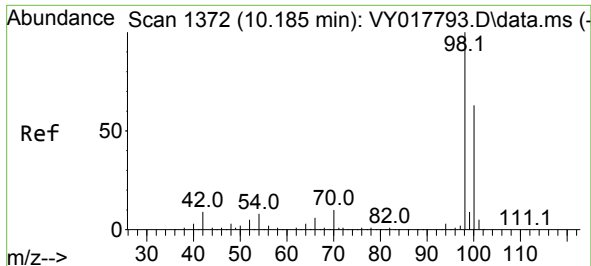
Tgt Ion: 75 Resp: 12984
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 117 Resp: 15635
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#

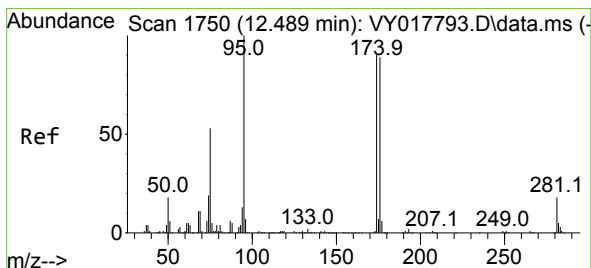
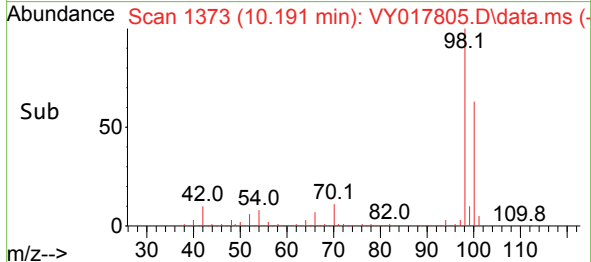
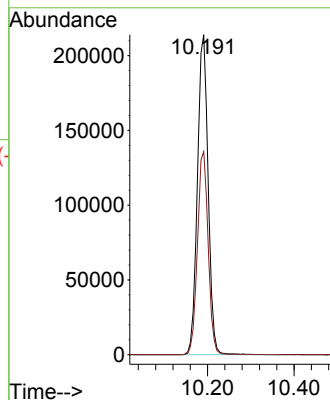
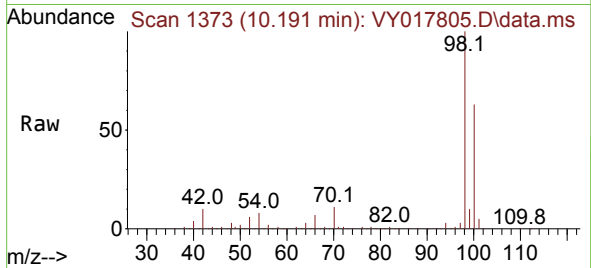




#50
Toluene-d8
Concen: 54.608 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

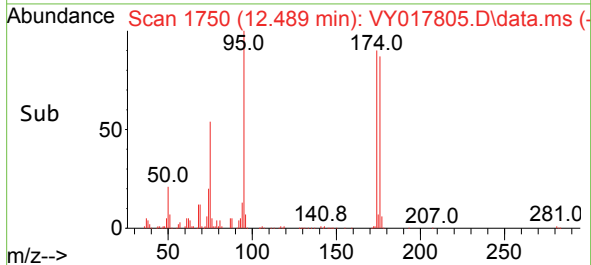
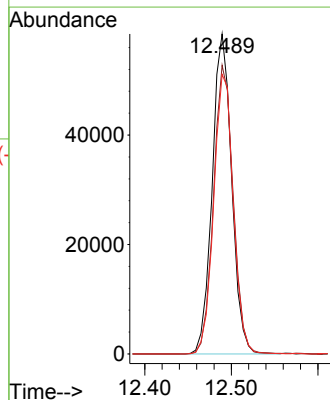
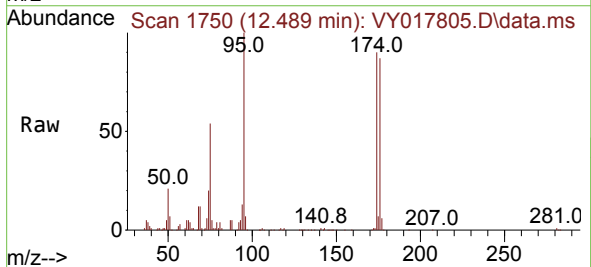
Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

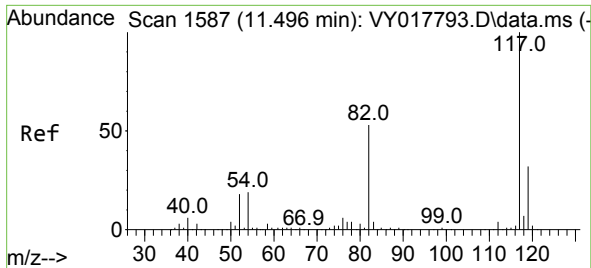
Tgt Ion: 98 Resp: 366423
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.667 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 95 Resp: 91188
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 88.2 0.0 171.4

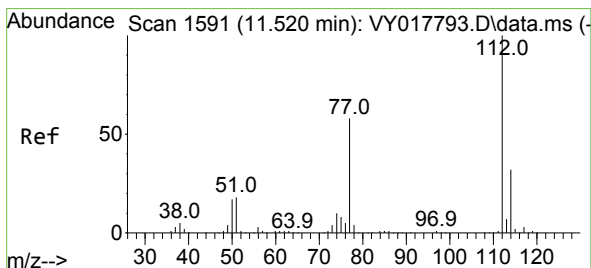
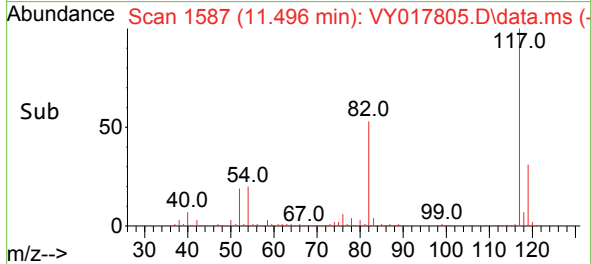
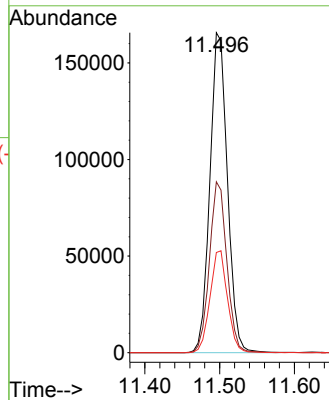
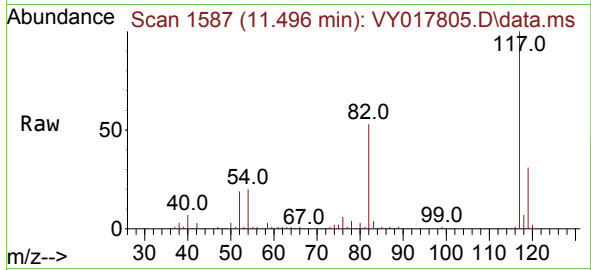




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

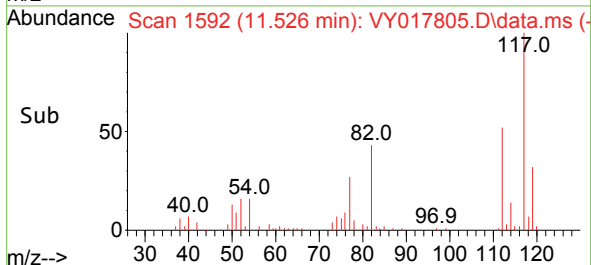
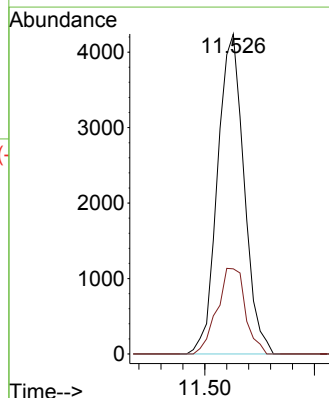
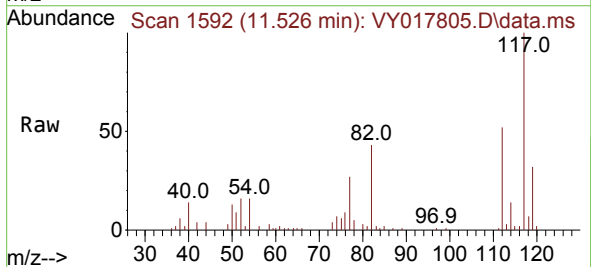
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MSVOA_Y
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CCM-2

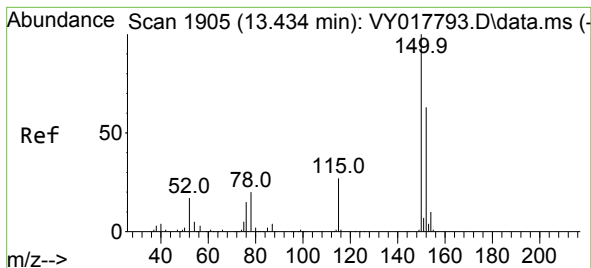
Tgt Ion:117 Resp: 270246
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 31.3 25.9 38.9



#65
Chlorobenzene
Concen: 1.284 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion:112 Resp: 7118
Ion Ratio Lower Upper
112 100
114 26.6 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017805.D

Acq: 01 Apr 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

CCM-2

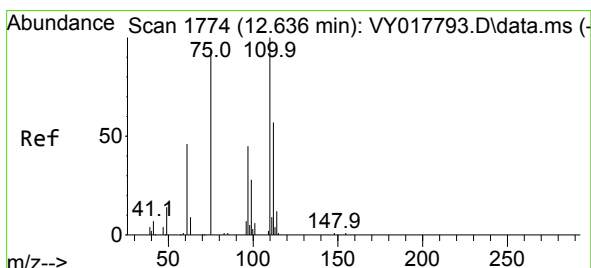
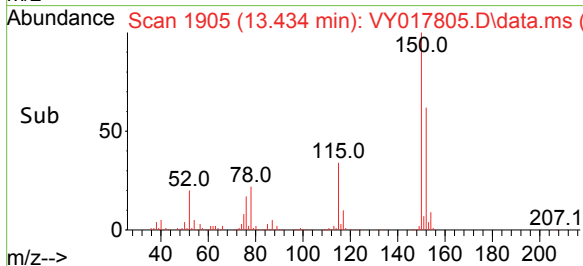
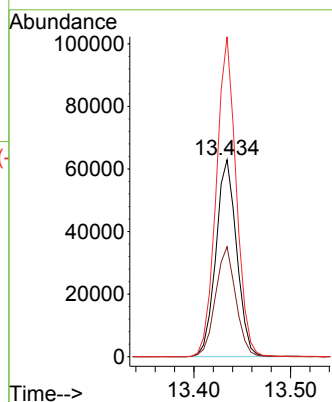
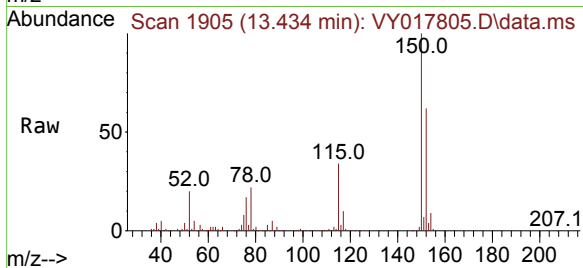
Tgt Ion:152 Resp: 93856

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.197 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017805.D

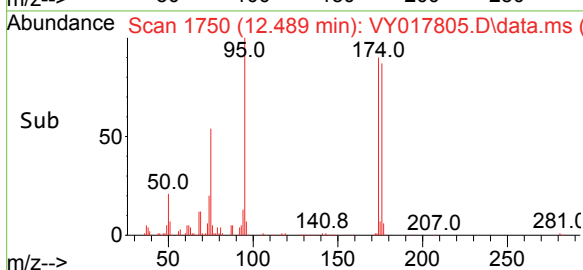
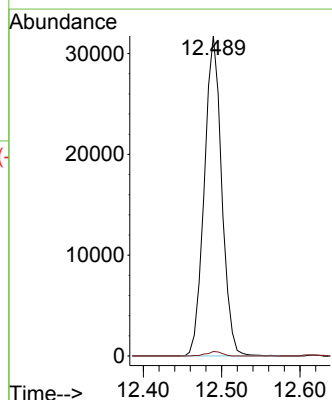
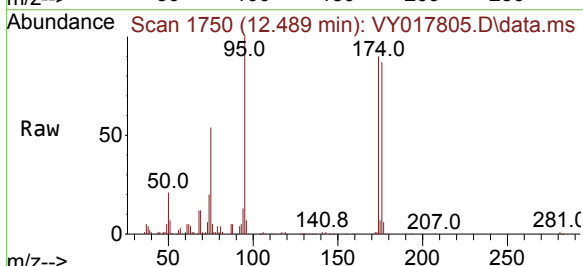
Acq: 01 Apr 2024 13:23

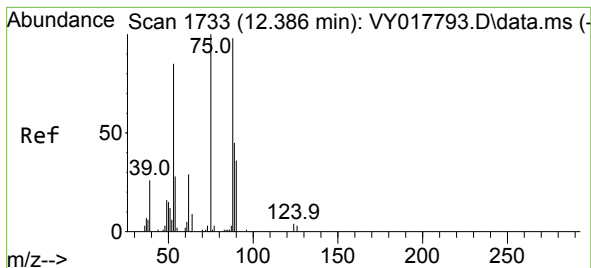
Tgt Ion: 75 Resp: 48919

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

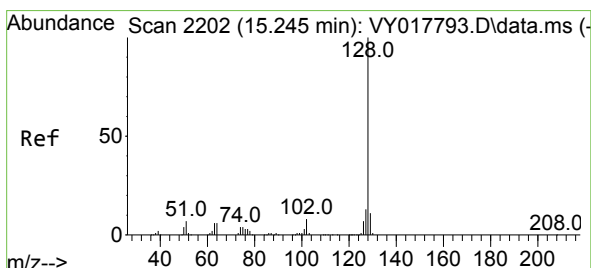
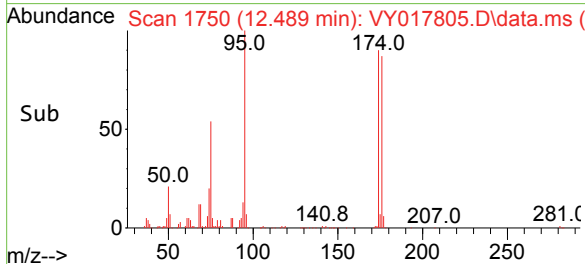
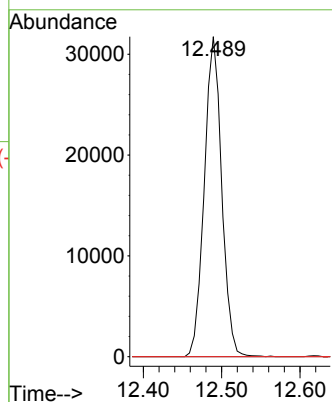
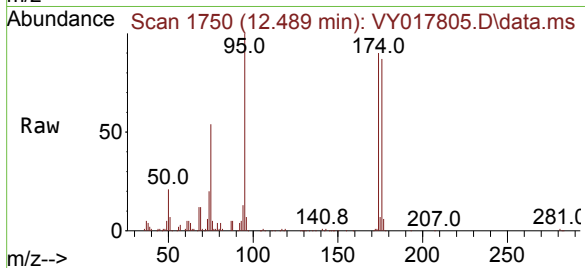




#81
trans-1,4-Dichloro-2-butene
Concen: 110.428 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :
CCM-2

Tgt Ion: 75 Resp: 48919
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.104 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017805.D
Acq: 01 Apr 2024 13:23

Tgt Ion: 128 Resp: 742
Ion Ratio Lower Upper
128 100
127 2.6 10.6 16.0#
129 0.0 8.6 13.0#

