

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017855.D
 Acq On : 04 Apr 2024 16:39
 Operator : SY/MD
 Sample : P1996-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Quant Time: Apr 05 00:48:25 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)

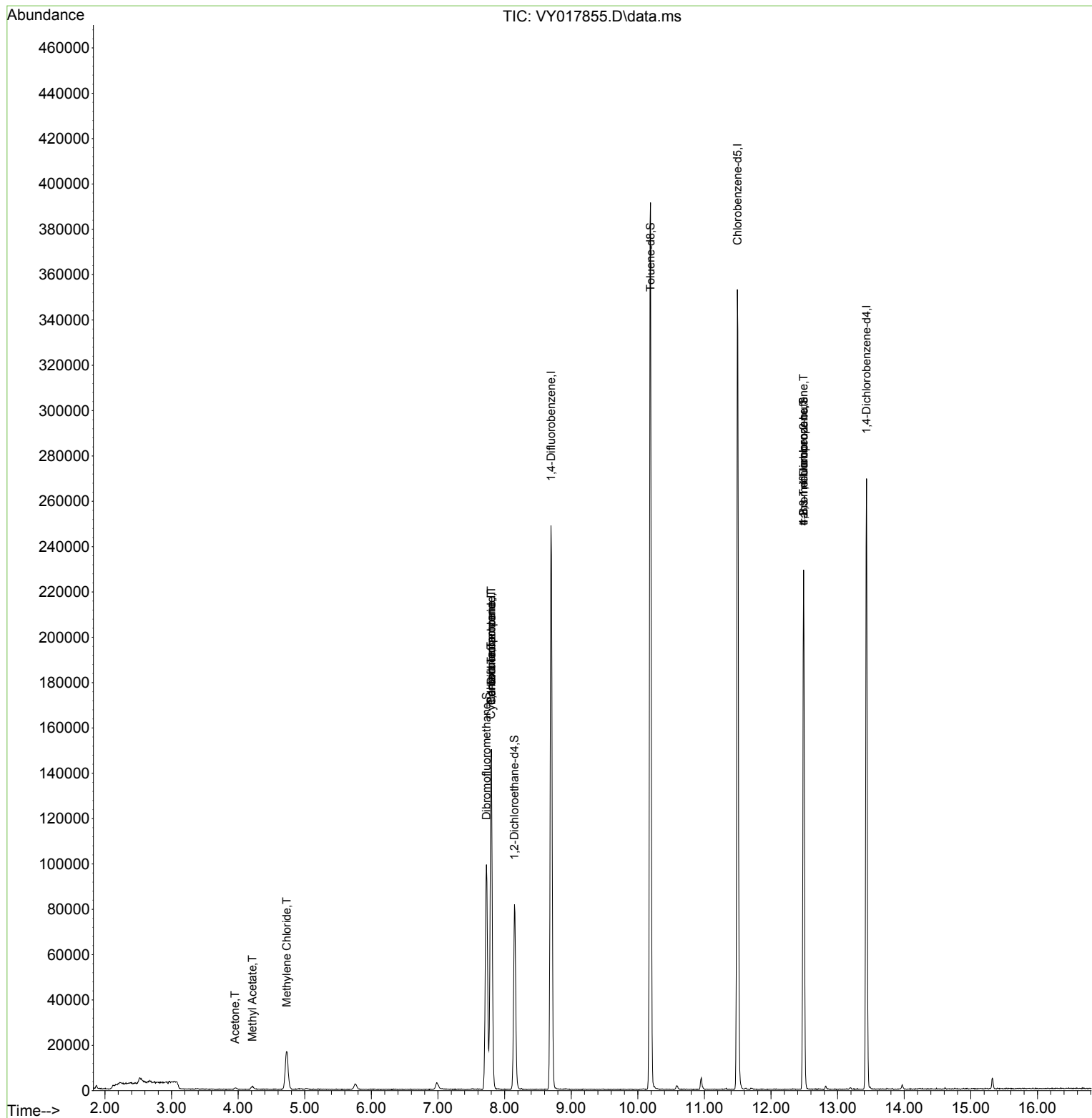
Internal Standards						
1) Pentafluorobenzene	7.801	168	117743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	194603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62536	61.378	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.760%		
35) Dibromofluoromethane	7.728	113	69810	54.781	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.560%		
50) Toluene-d8	10.191	98	257576	54.110	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.220%		
62) 4-Bromofluorobenzene	12.489	95	63436	43.800	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 87.600%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	37	Below Cal	#	88
16) Acetone	3.954	43	1061	5.038	ug/l	88
18) Methyl Acetate	4.216	43	565	1.211	ug/l #	46
20) Methylene Chloride	4.728	84	13377	8.142	ug/l	96
31) Cyclohexane	7.795	56	2521	1.405	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	8884	4.778	ug/l #	48
38) Carbon Tetrachloride	7.801	117	11300	5.854	ug/l #	17
51) 4-Methyl-2-Pentanone	10.099	43	170	Below Cal	#	31
59) 2-Hexanone	10.935	43	21	Below Cal	#	19
70) Styrene	12.044	104	100	Below Cal	#	57
74) N-amyl acetate	11.886	43	38	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.489	75	34929	55.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34929	107.943	ug/l #	16

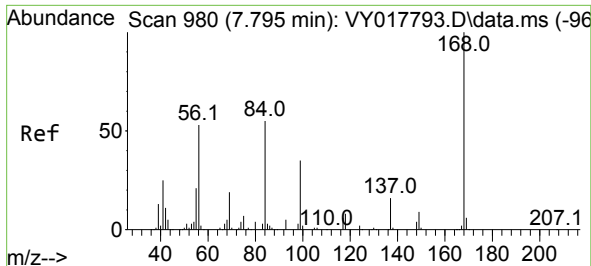
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

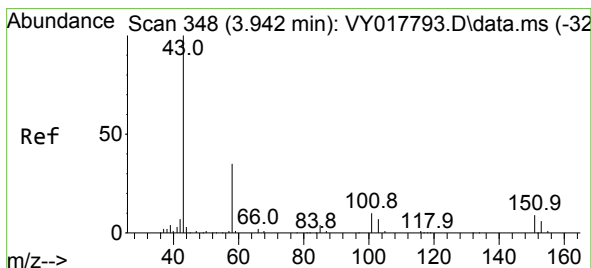
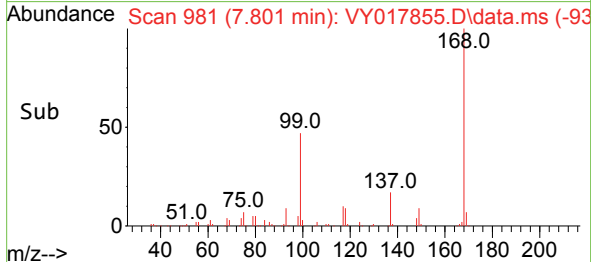
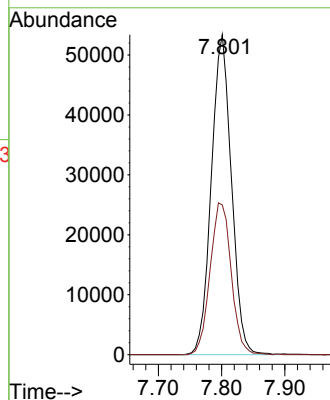
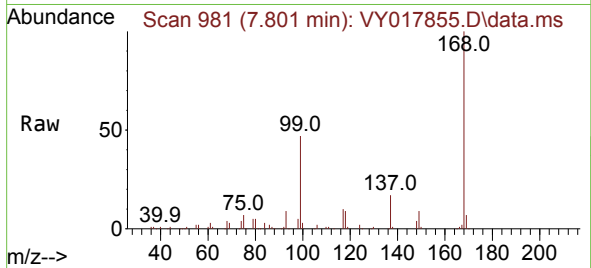




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

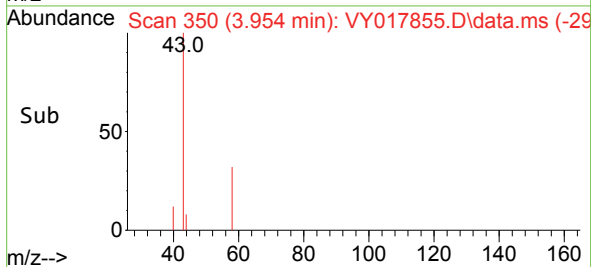
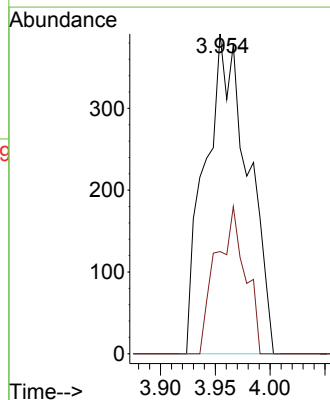
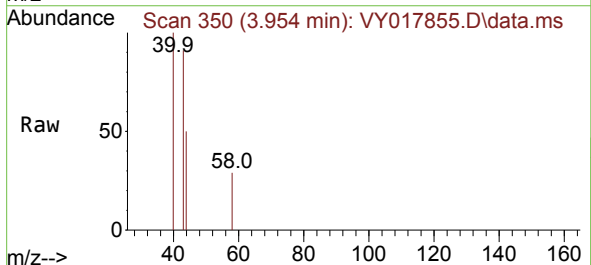
Instrument :
MSVOA_Y
ClientSampleId :
TP1

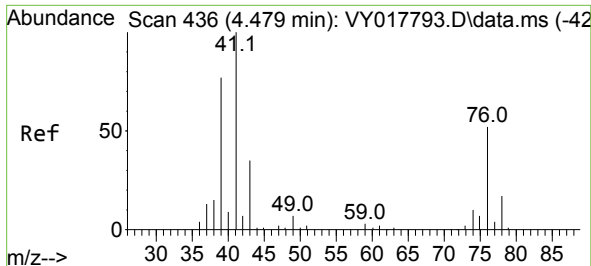
Tgt Ion:168 Resp: 117743
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 5.038 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5





#18

Methyl Acetate

Concen: 1.211 ug/l

RT: 4.216 min Scan# 393

Delta R.T. -0.262 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

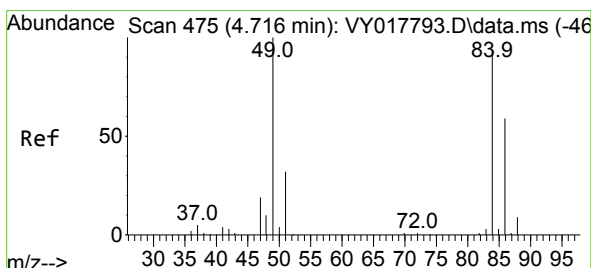
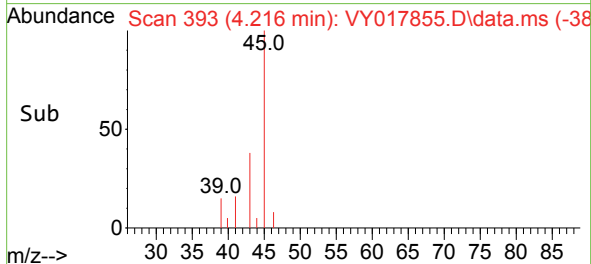
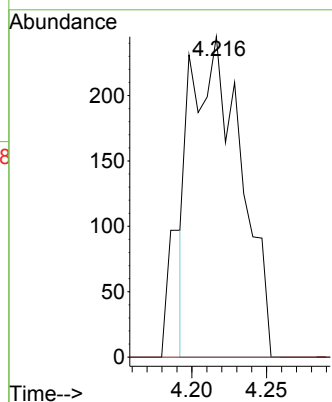
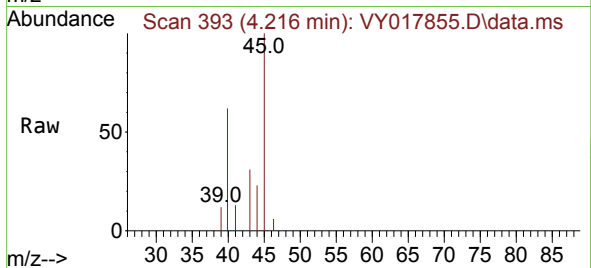
TP1

Tgt Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#



#20

Methylene Chloride

Concen: 8.142 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

Tgt Ion: 84 Resp: 13377

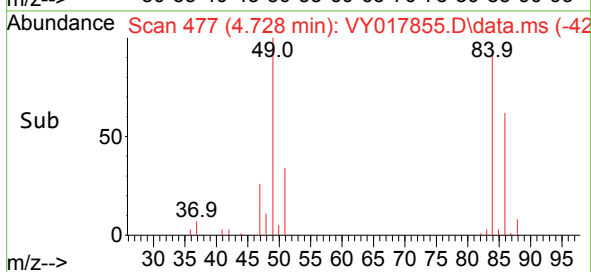
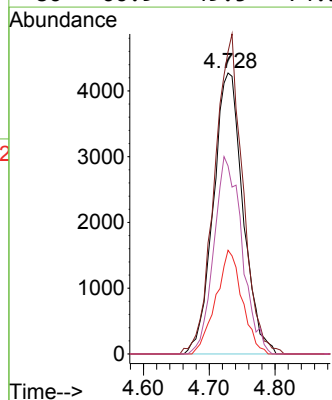
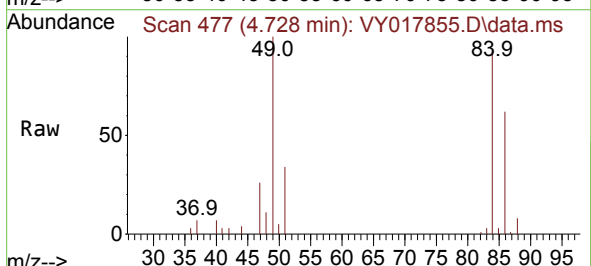
Ion Ratio Lower Upper

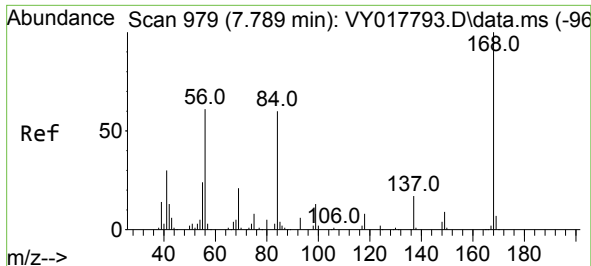
84 100

49 107.5 84.4 126.6

51 36.9 26.0 39.0

86 66.9 49.5 74.3

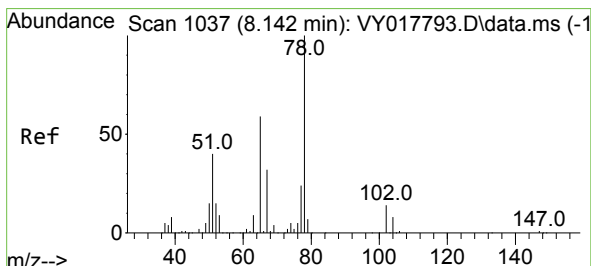
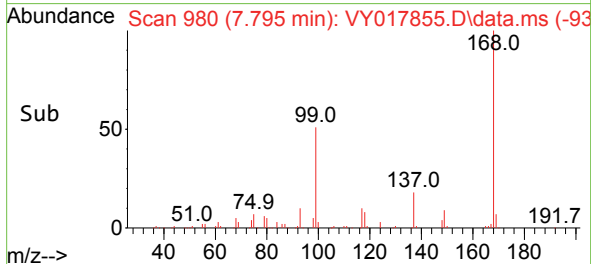
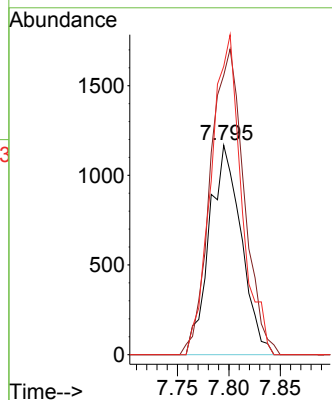
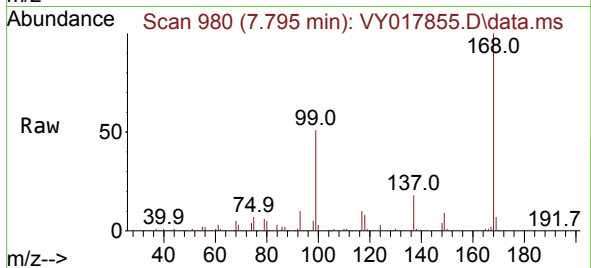




#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

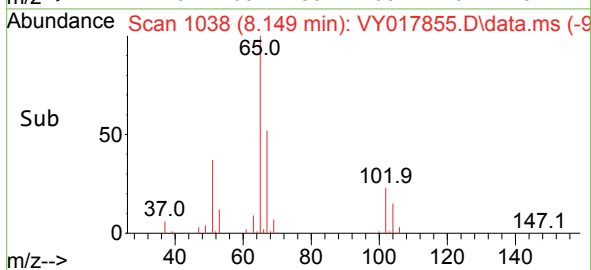
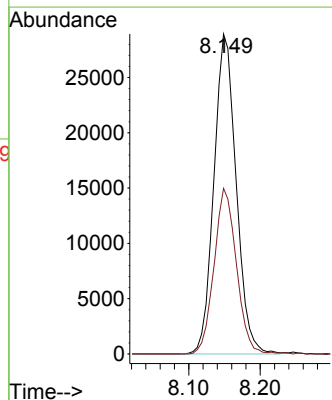
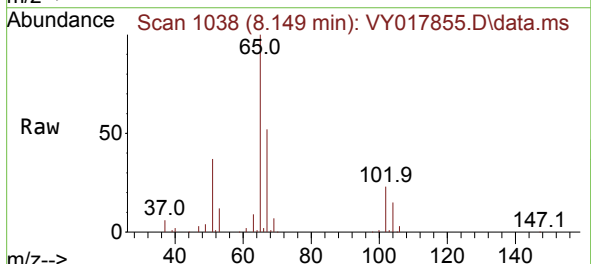
Instrument :
MSVOA_Y
ClientSampleId :
TP1

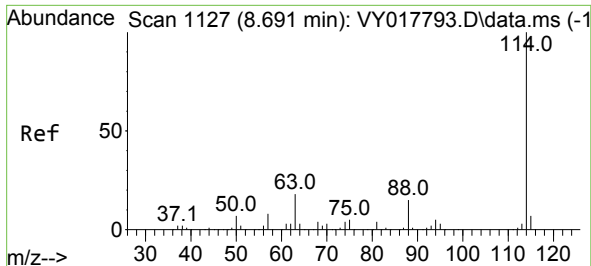
Tgt Ion: 56 Resp: 2521
Ion Ratio Lower Upper
56 100
69 133.4 28.7 43.1#
84 137.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.378 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion: 65 Resp: 62536
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

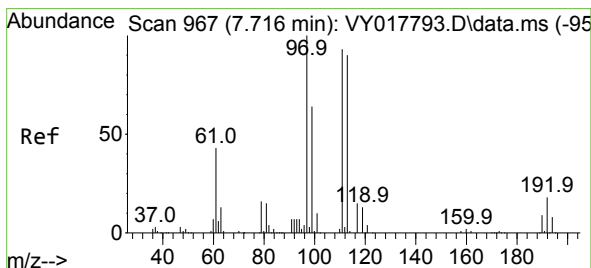
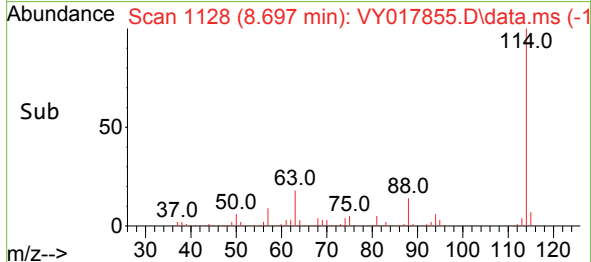
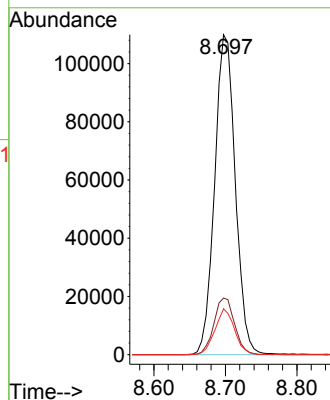
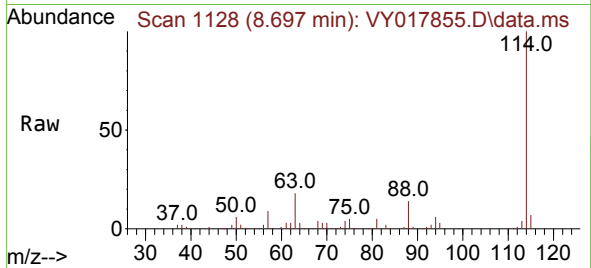




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

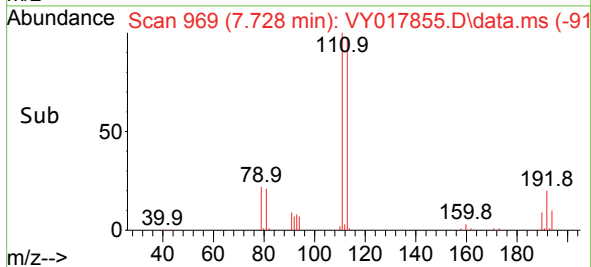
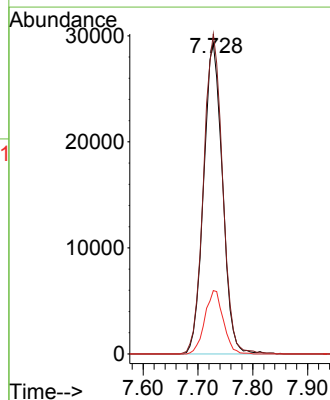
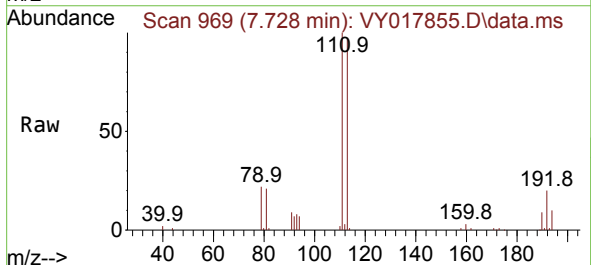
Instrument :
MSVOA_Y
ClientSampleId :
TP1

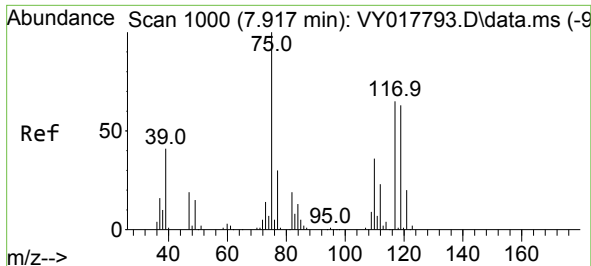
Tgt Ion:114 Resp: 220534
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.781 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion:113 Resp: 69810
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 20.0 15.9 23.9

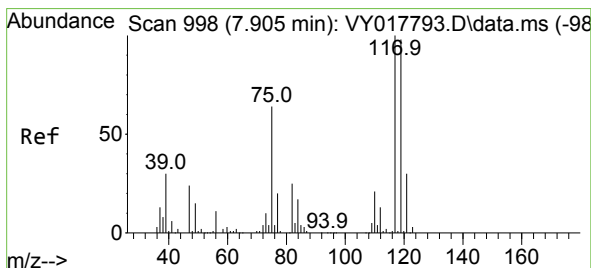
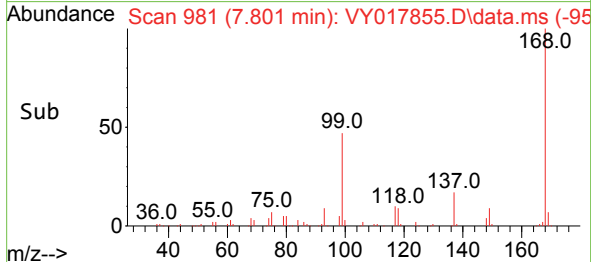
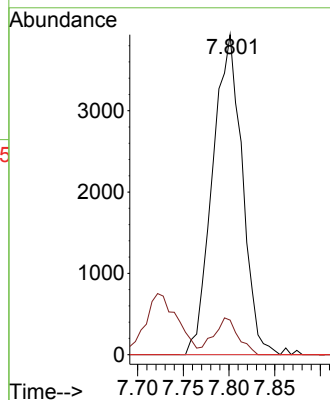
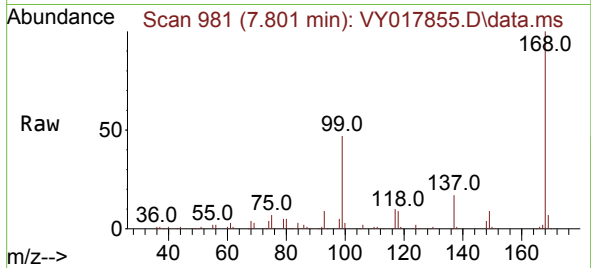




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY017855.D
 Acq: 04 Apr 2024 16:39

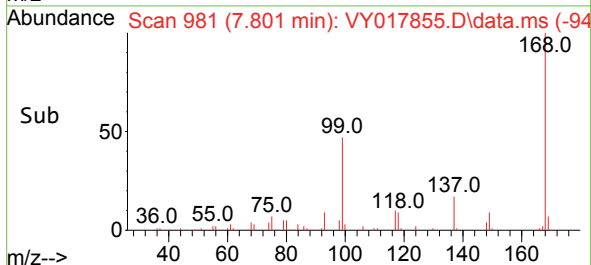
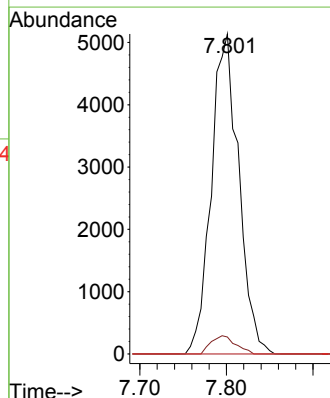
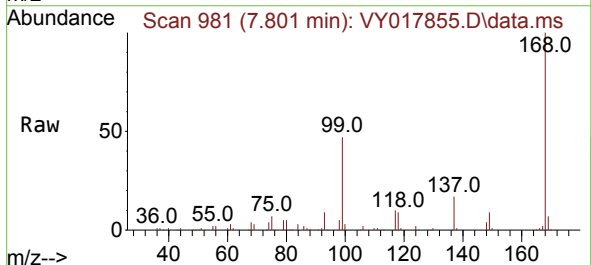
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

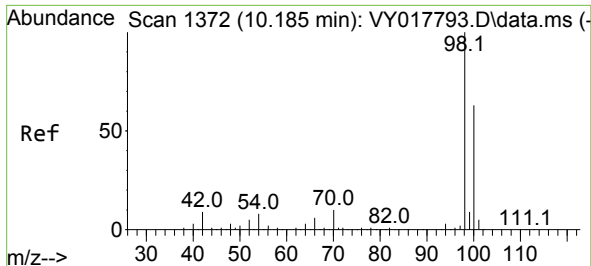
Tgt Ion: 75 Resp: 8884
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.854 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY017855.D
 Acq: 04 Apr 2024 16:39

Tgt Ion: 117 Resp: 11300
 Ion Ratio Lower Upper
 117 100
 119 5.3 75.8 113.6#
 121 0.0 24.0 36.0#

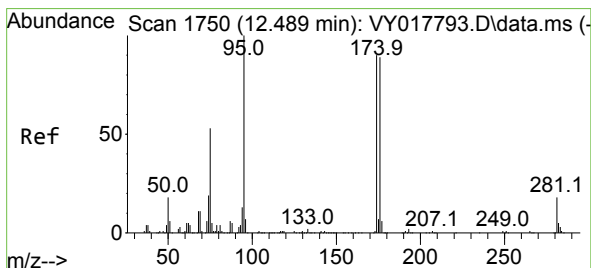
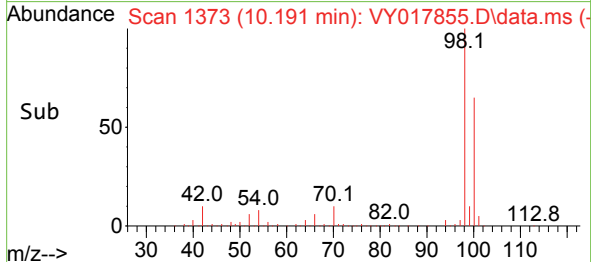
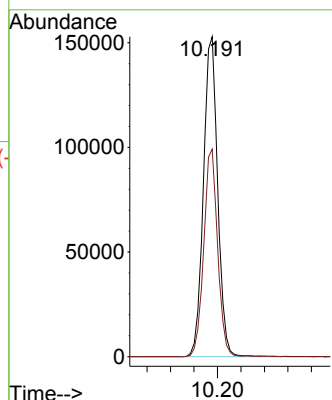
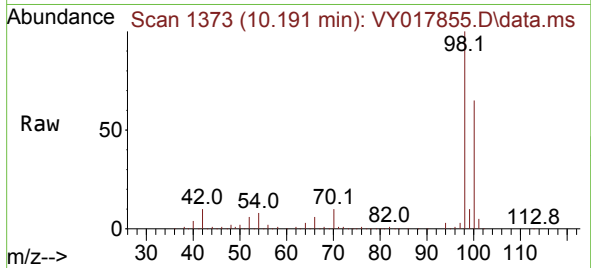




#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

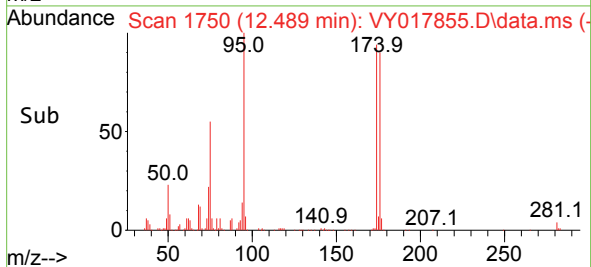
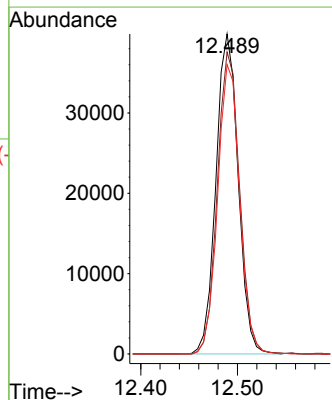
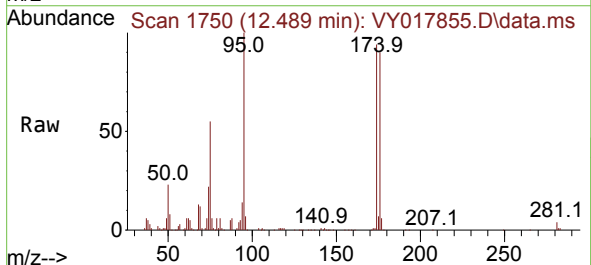
Instrument :
MSVOA_Y
ClientSampleId :
TP1

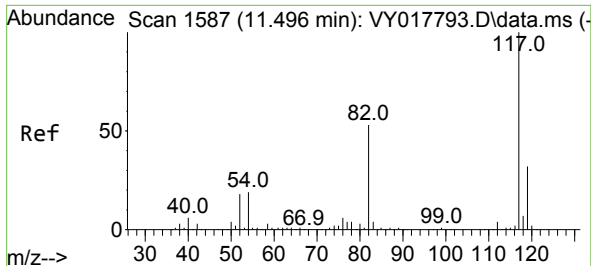
Tgt Ion: 98 Resp: 257576
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.800 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion: 95 Resp: 63436
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 89.8 0.0 171.4

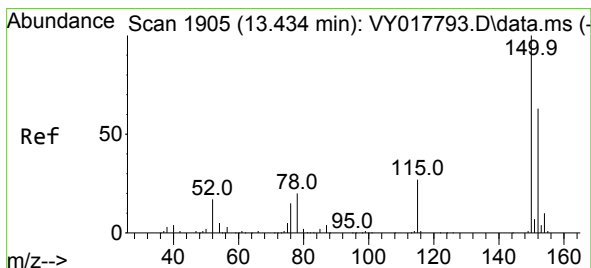
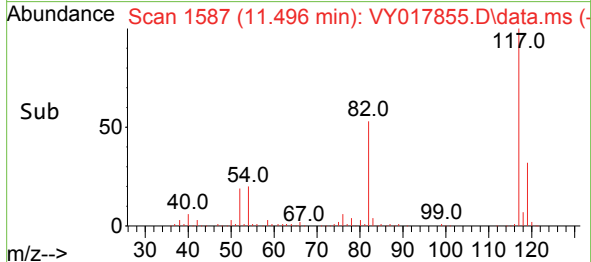
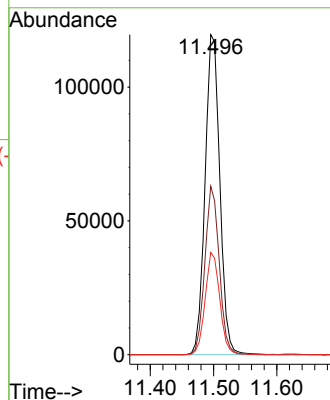
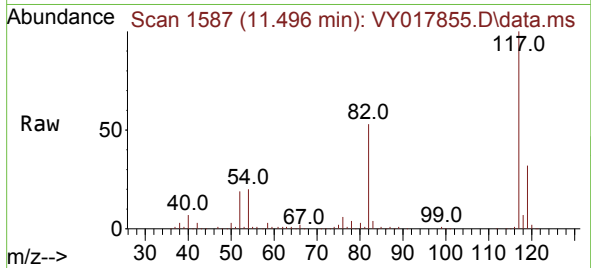




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

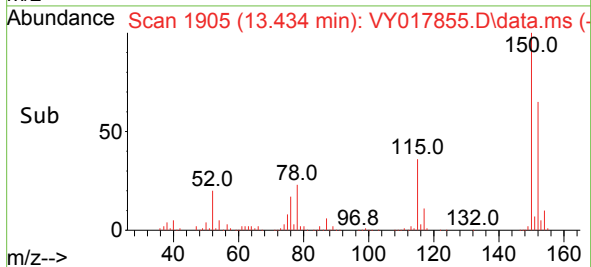
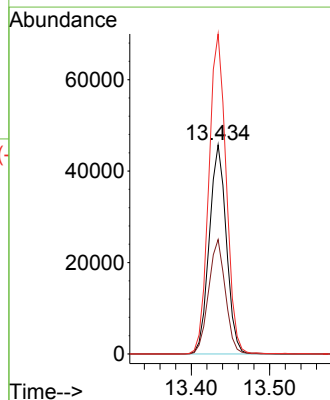
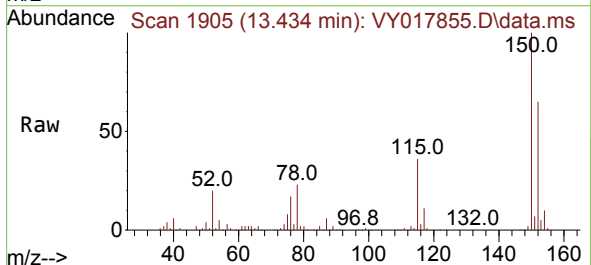
Instrument :
MSVOA_Y
ClientSampleId :
TP1

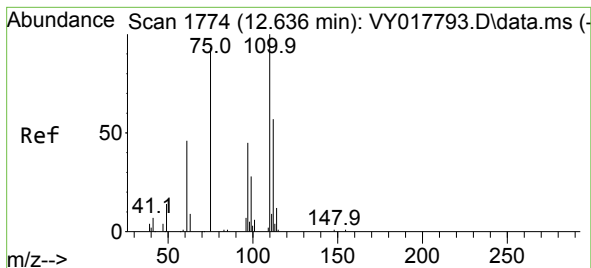
Tgt Ion:117 Resp: 194603
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion:152 Resp: 69052
Ion Ratio Lower Upper
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115 53.9 28.2 84.7
150 155.2 0.0 345.6

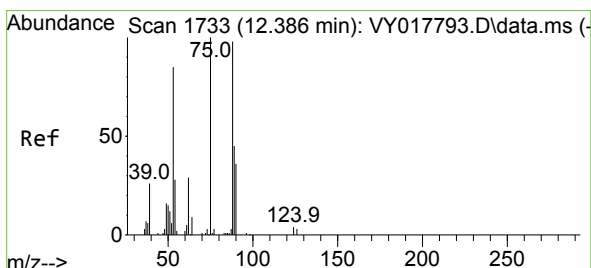
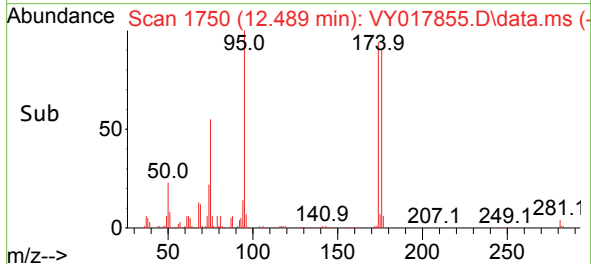
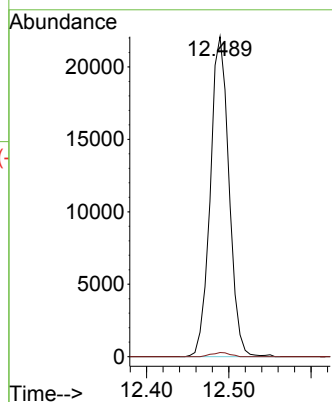
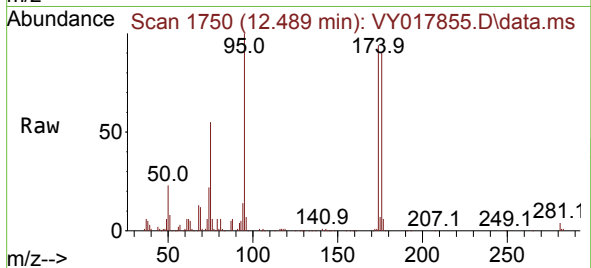




#76
1,2,3-Trichloropropane
Concen: 55.510 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :
TP1

Tgt Ion: 75 Resp: 34929
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.943 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion: 75 Resp: 34929
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

