

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017890.D
 Acq On : 09 Apr 2024 14:52
 Operator : SY/MD
 Sample : P2038-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-040924

Quant Time: Apr 10 04:26:08 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)

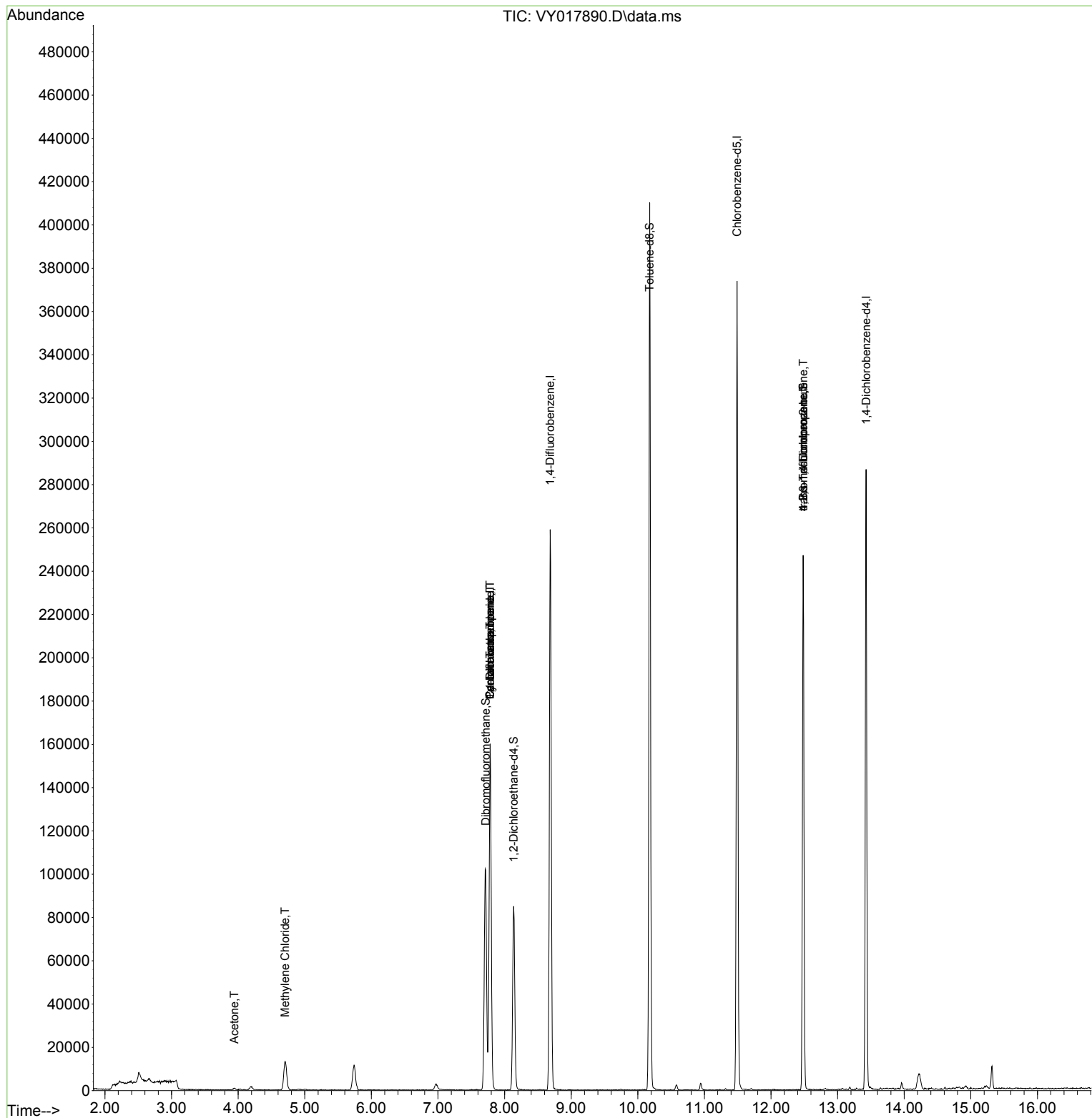
Internal Standards						
1) Pentafluorobenzene	7.783	168	124101	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	229753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65088	60.609	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 121.220%		
35) Dibromofluoromethane	7.716	113	72610	54.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.380%		
50) Toluene-d8	10.179	98	262283	52.888	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 105.780%		
62) 4-Bromofluorobenzene	12.483	95	67844	44.964	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 89.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.899	59	181	Below Cal	#	88
16) Acetone	3.942	43	1381	6.221	ug/l	89
20) Methylene Chloride	4.704	84	10710	5.511	ug/l	98
31) Cyclohexane	7.783	56	2559	1.353	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	9504	4.906	ug/l #	48
38) Carbon Tetrachloride	7.783	117	11463	5.700	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	222	Below Cal	#	31
59) 2-Hexanone	10.947	43	118	Below Cal	#	19
69) o-Xylene	12.038	106	80	Below Cal		94
70) Styrene	12.050	104	130	Below Cal	#	38
74) N-amyl acetate	11.989	43	24	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	36863	56.560	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36863	109.493	ug/l #	16

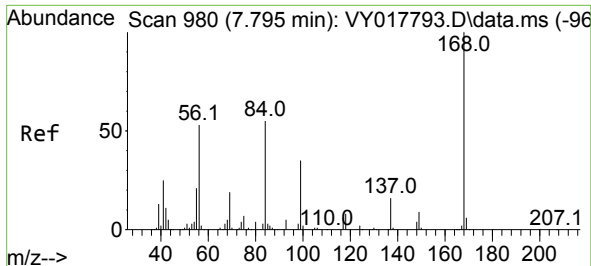
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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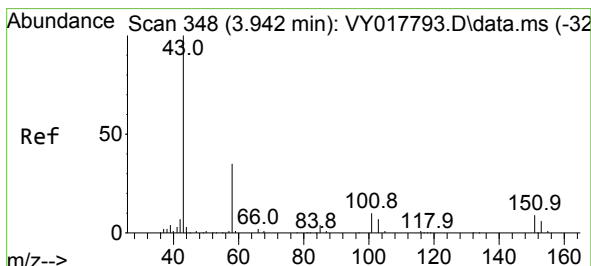
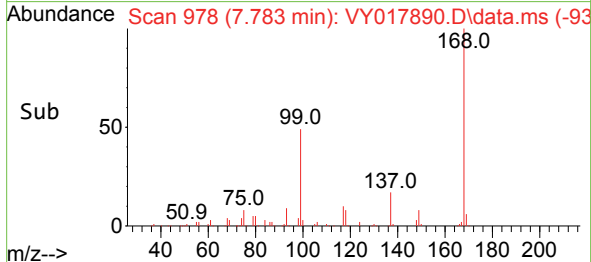
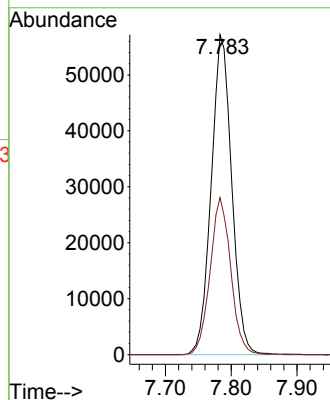
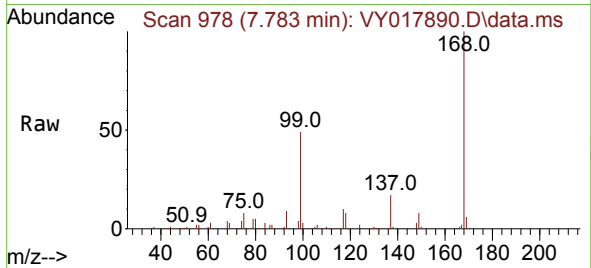




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

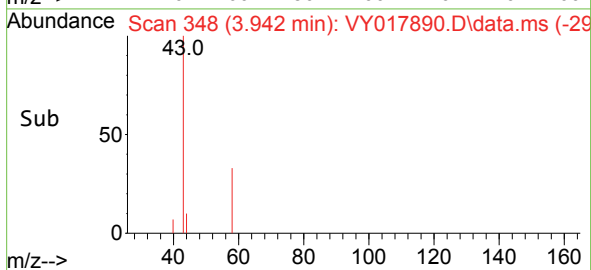
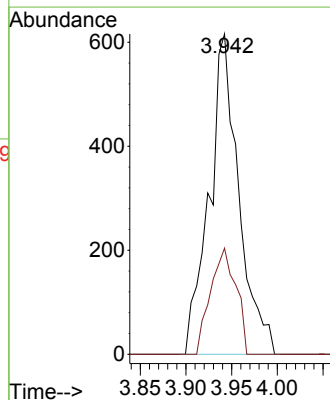
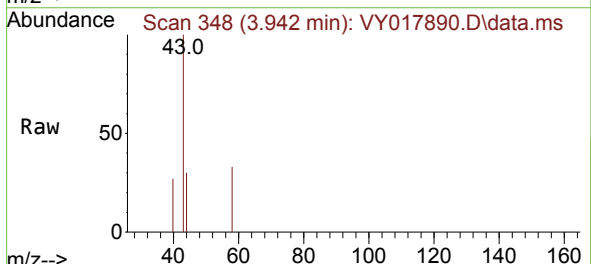
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

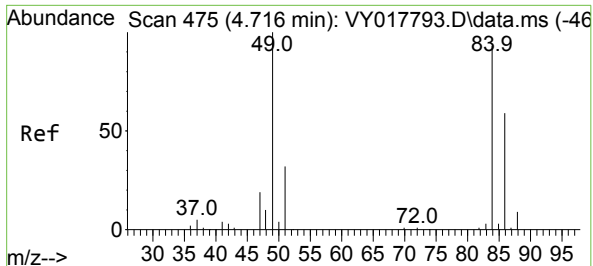
Tgt Ion:168 Resp: 124101
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 6.221 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 33.1 31.7 47.5

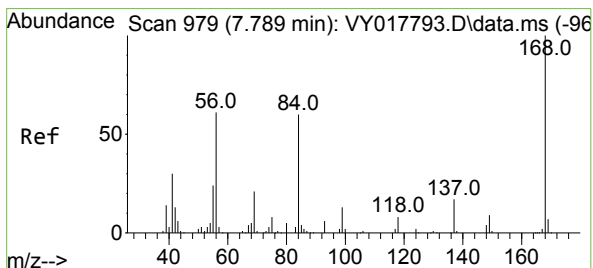
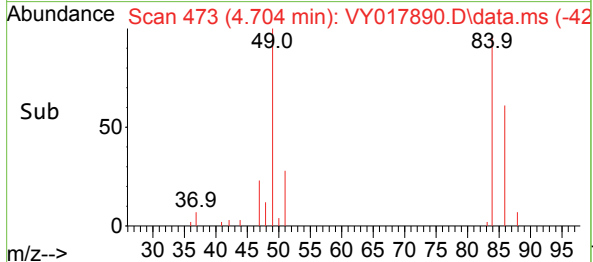
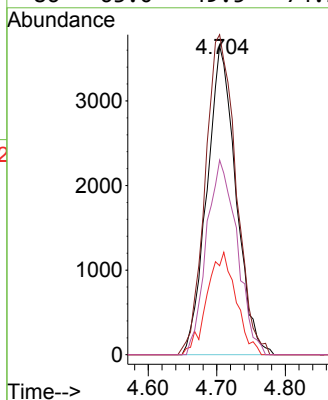
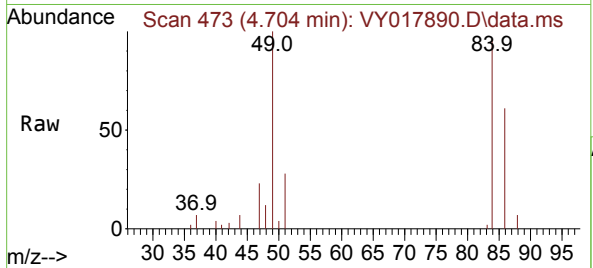




#20
Methylene Chloride
Concen: 5.511 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

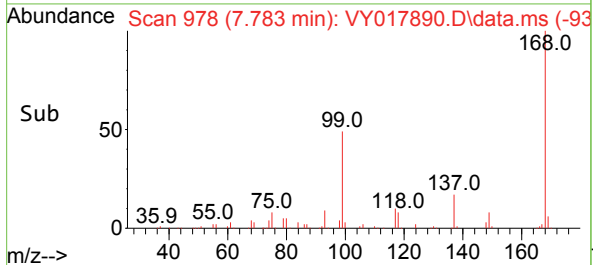
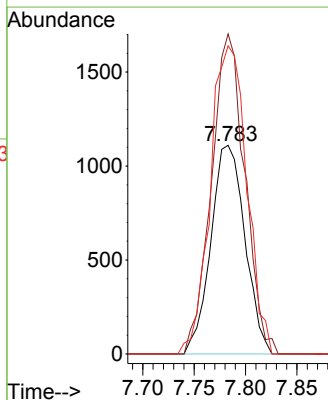
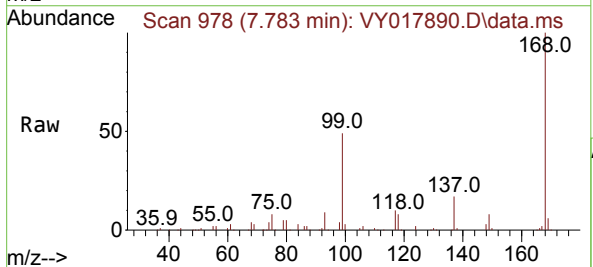
Instrument :
MSVOA_Y
ClientSampleId :
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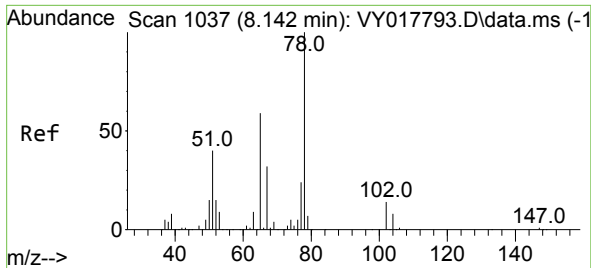
Tgt Ion: 84	Resp: 10710
Ion Ratio	Lower Upper
84 100	
49 103.6	84.4 126.6
51 28.8	26.0 39.0
86 63.0	49.5 74.3



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 56	Resp: 2559
Ion Ratio	Lower Upper
56 100	
69 153.4	28.7 43.1#
84 147.7	77.7 116.5#

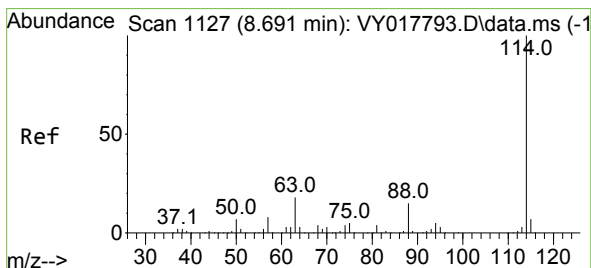
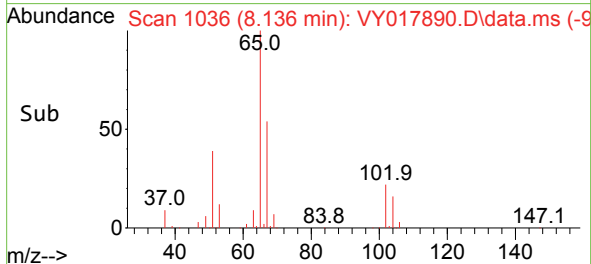
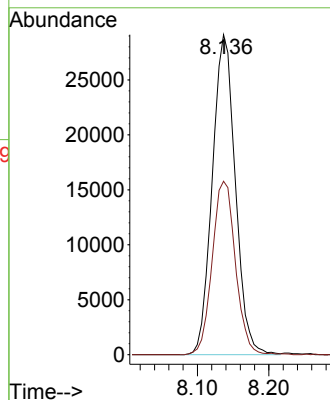
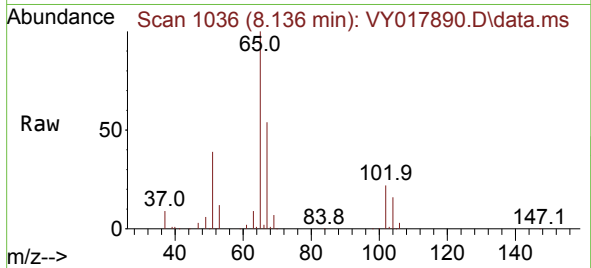




#33
 1,2-Dichloroethane-d4
 Concen: 60.609 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY017890.D
 Acq: 09 Apr 2024 14:52

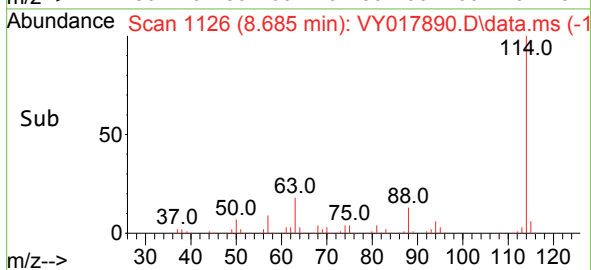
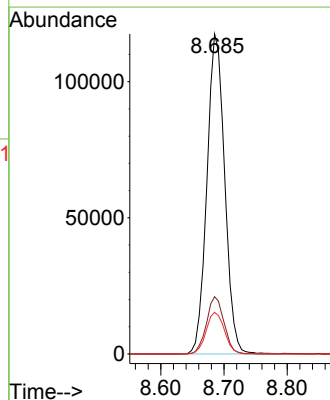
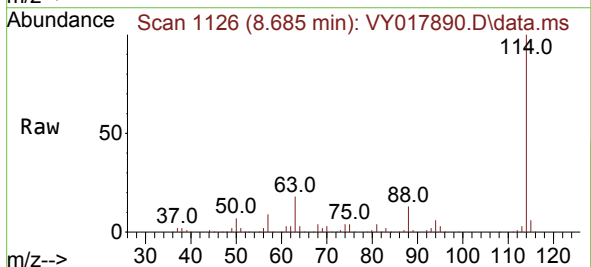
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-040924

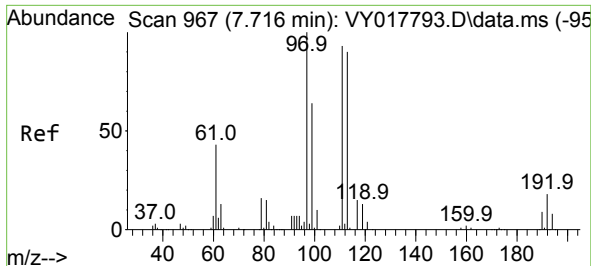
Tgt Ion: 65 Resp: 65088
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY017890.D
 Acq: 09 Apr 2024 14:52

Tgt Ion: 114 Resp: 229753
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.0
 88 13.0 0.0 27.2

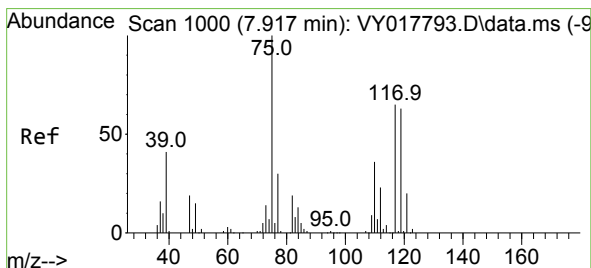
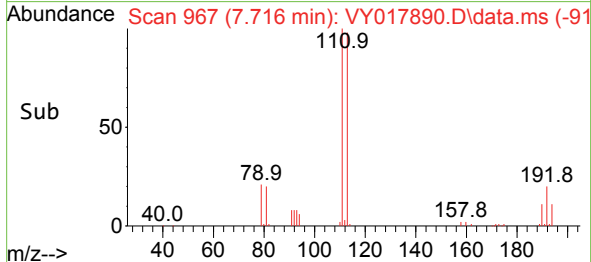
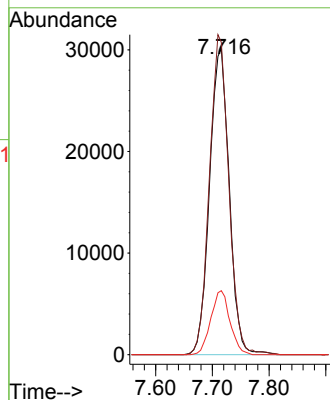
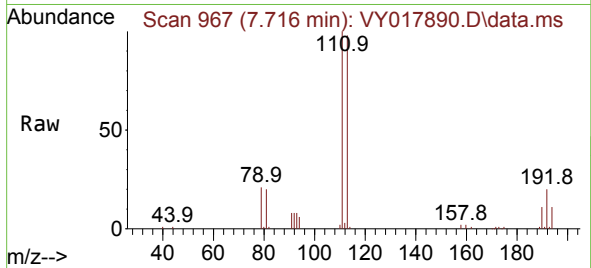




#35
Dibromofluoromethane
Concen: 54.692 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

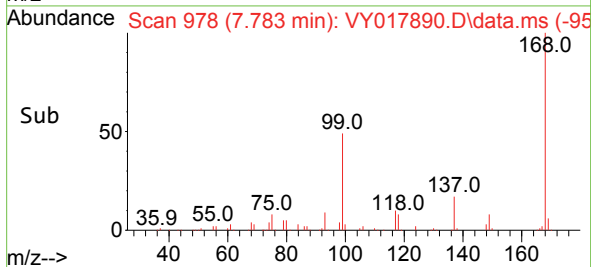
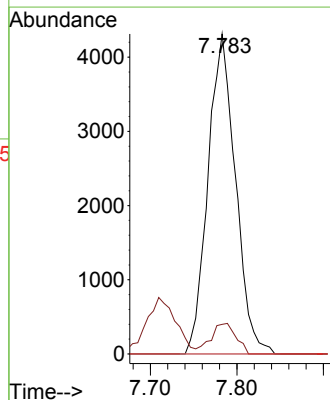
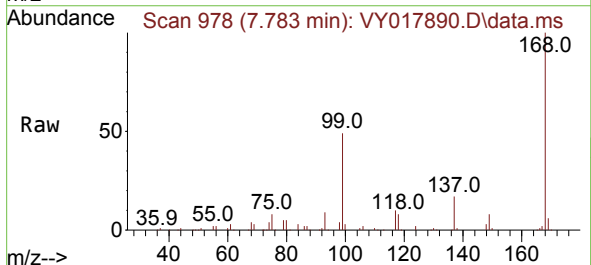
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

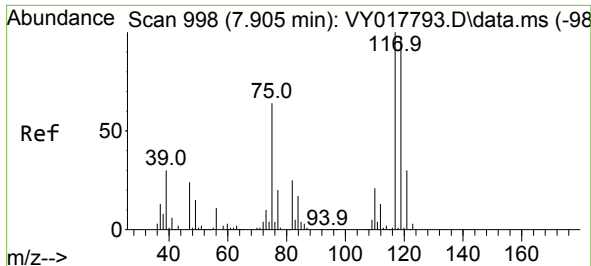
Tgt Ion:113 Resp: 72610
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

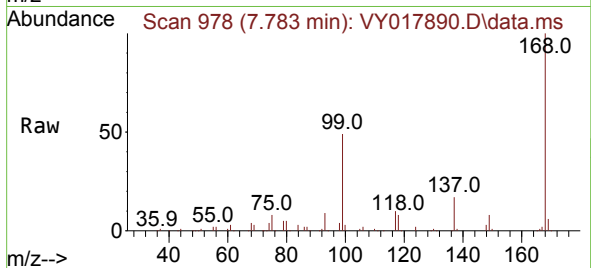
Tgt Ion: 75 Resp: 9504
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



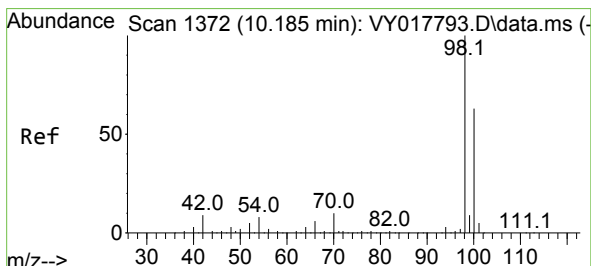
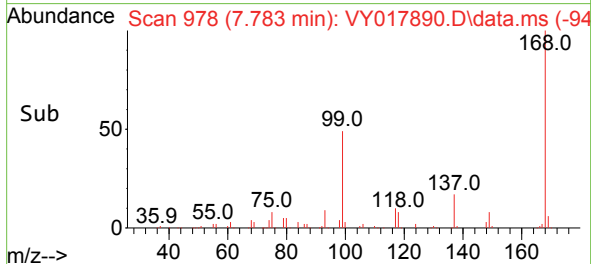
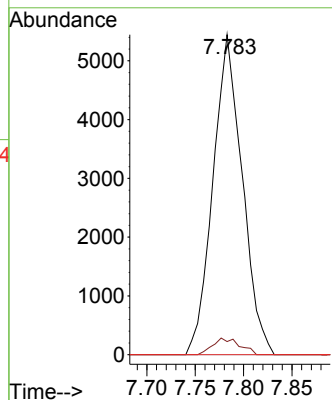


#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

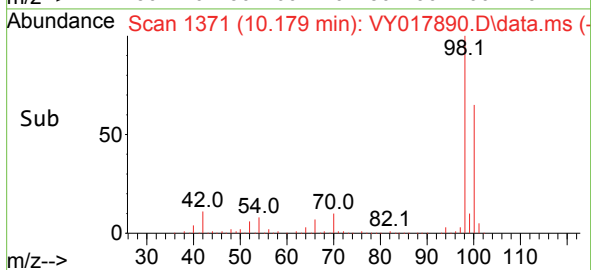
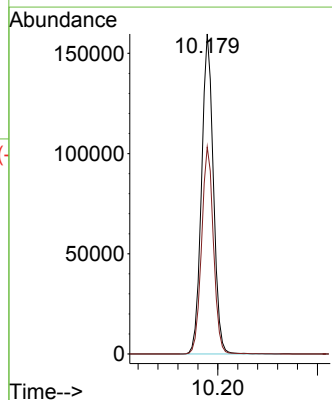
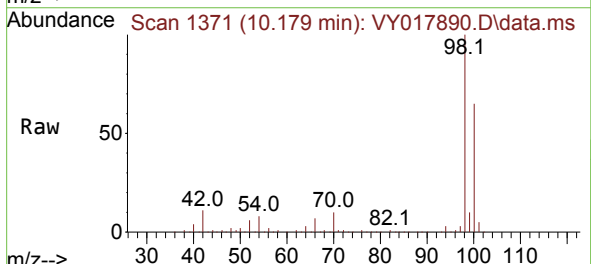


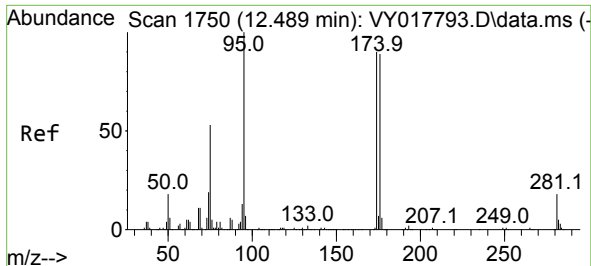
Tgt Ion:117 Resp: 11463
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 52.888 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 98 Resp: 262283
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

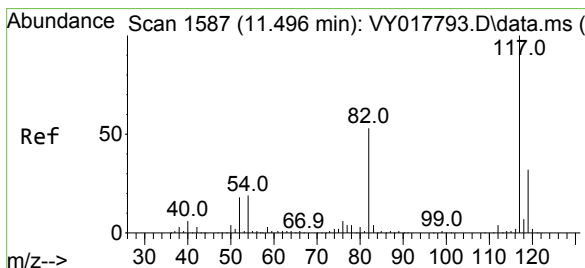
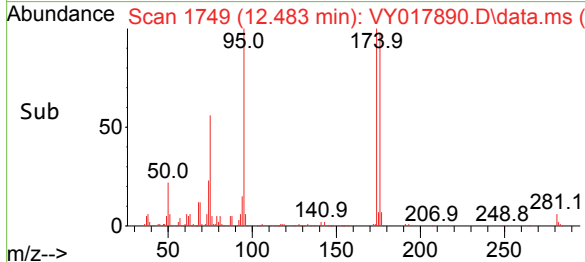
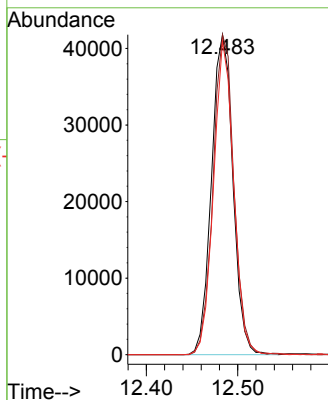
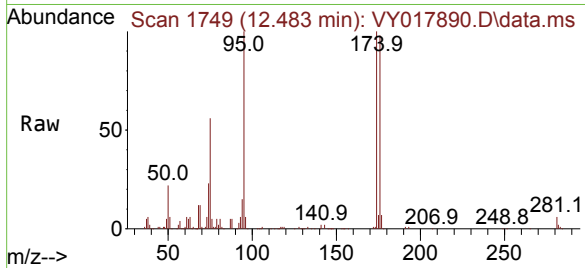




#62
4-Bromofluorobenzene
Concen: 44.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

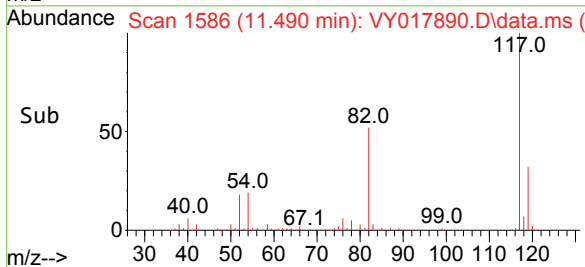
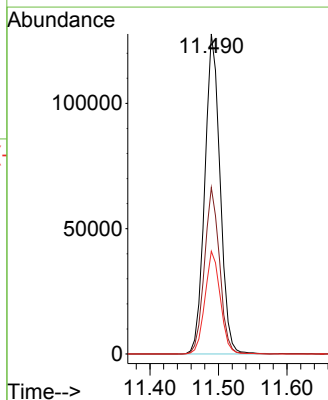
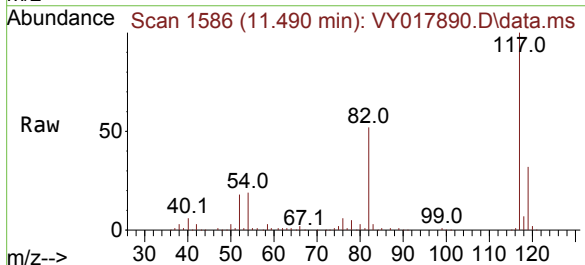
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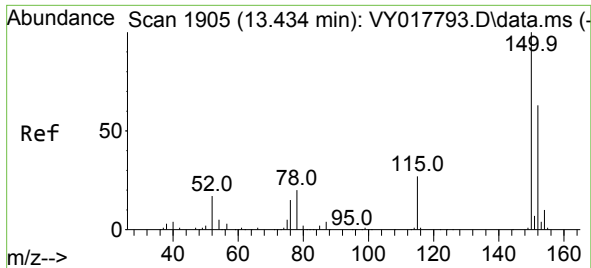
Tgt Ion: 95 Resp: 67844
Ion Ratio Lower Upper
95 100
174 97.4 0.0 175.6
176 92.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017890.D
Acq: 09 Apr 2024 14:52

Tgt Ion: 117 Resp: 198690
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.1 25.9 38.9

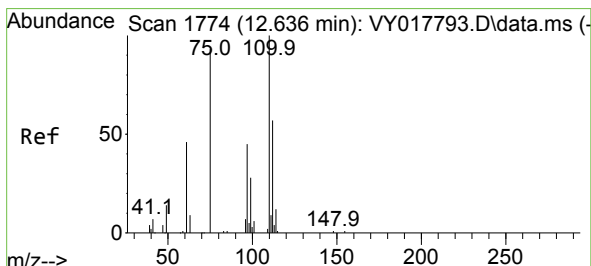
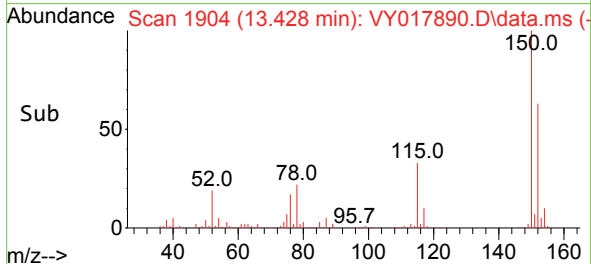
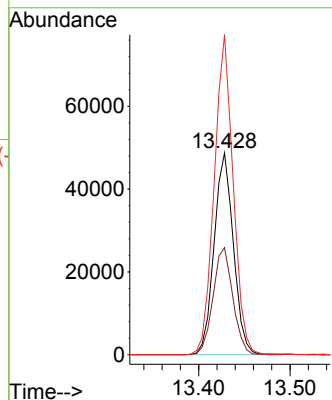
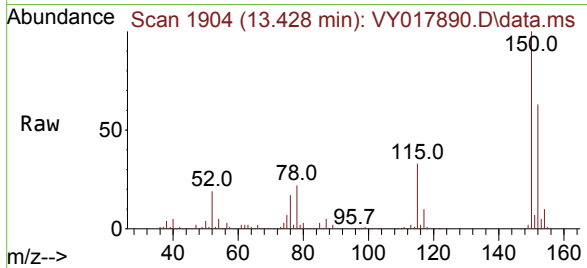




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY017890.D
 Acq: 09 Apr 2024 14:52

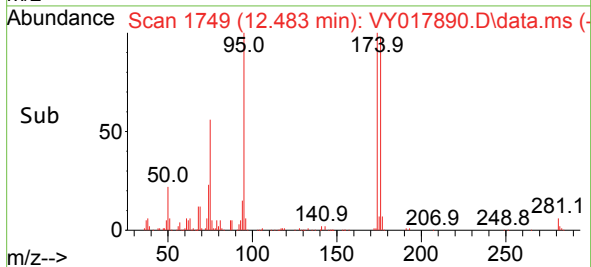
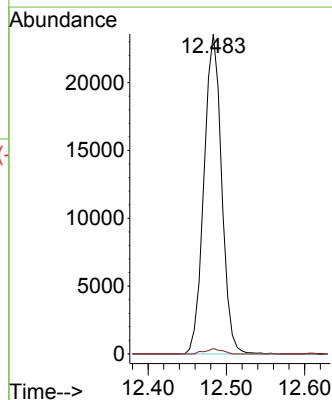
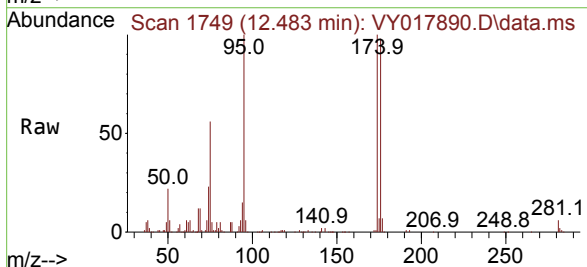
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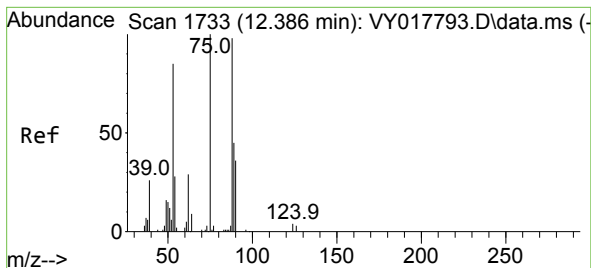
Tgt Ion:152 Resp: 71522
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 155.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 56.560 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017890.D
 Acq: 09 Apr 2024 14:52

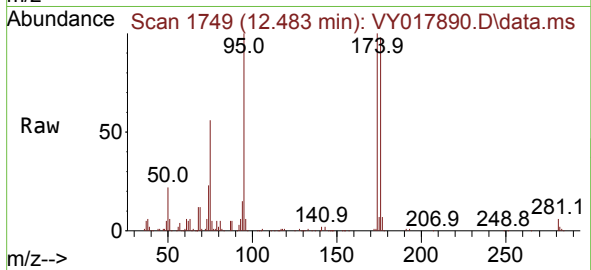
Tgt Ion: 75 Resp: 36863
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.493 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017890.D
 Acq: 09 Apr 2024 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-040924



Tgt Ion: 75 Resp: 36863
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

