

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017999.D
 Acq On : 19 Apr 2024 15:22
 Operator : SY/MD
 Sample : P2187-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

Quant Time: Apr 19 23:25:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

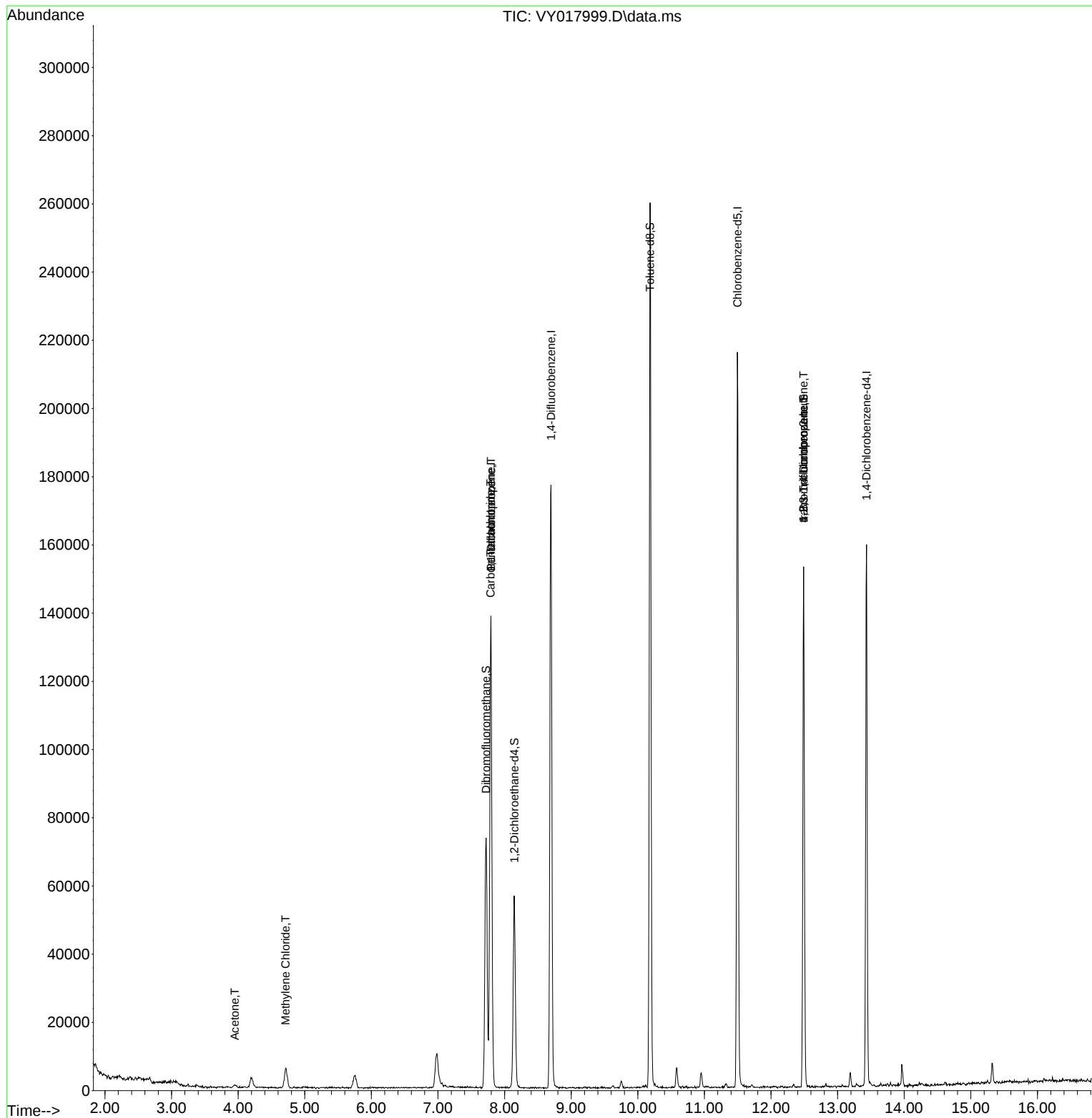
Internal Standards						
1) Pentafluorobenzene	7.795	168	118774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	168862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41956	40.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.64%		
35) Dibromofluoromethane	7.722	113	53891	51.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.46%		
50) Toluene-d8	10.185	98	182735	46.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.46%		
62) 4-Bromofluorobenzene	12.489	95	43210	35.29	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	70.58%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	98	Below Cal	#	88
16) Acetone	3.948	43	1413	6.96	ug/l	92
20) Methylene Chloride	4.710	84	4776	3.47	ug/l	91
36) 1,1-Dichloropropene	7.795	75	7887	5.21	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10155	6.63	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	19697	45.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	19697	93.13	ug/l #	16

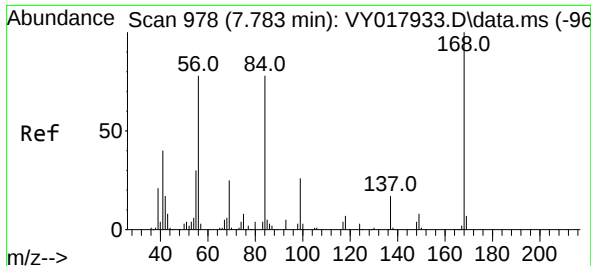
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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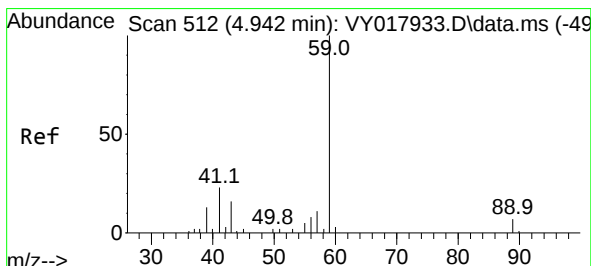
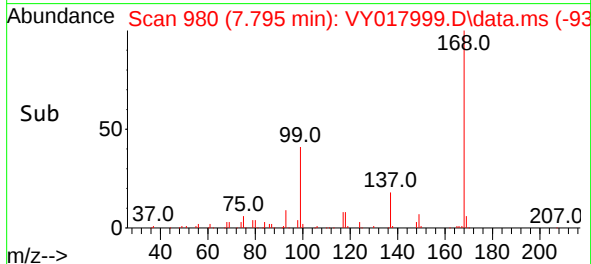
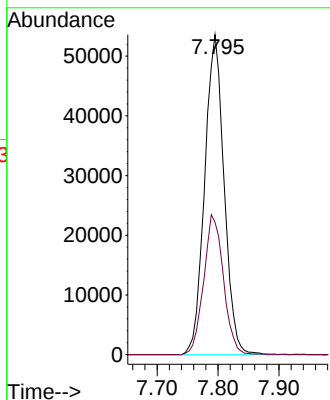
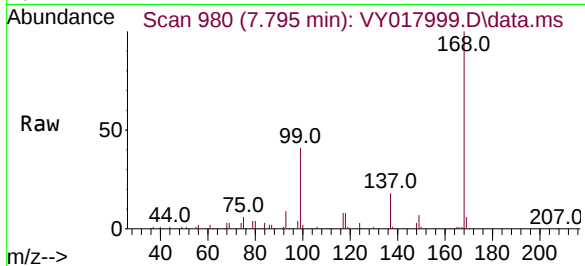




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

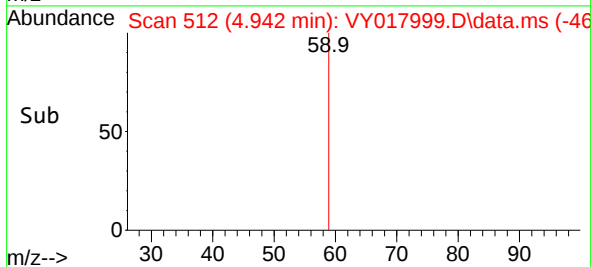
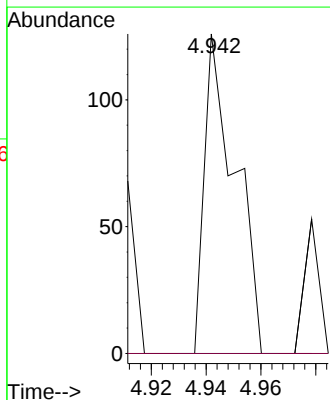
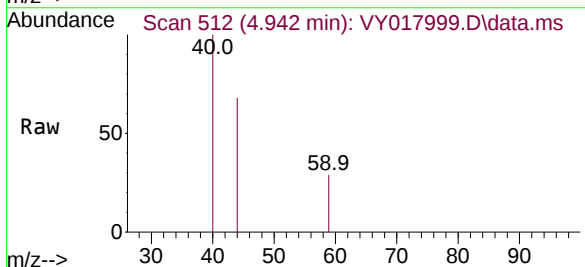
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

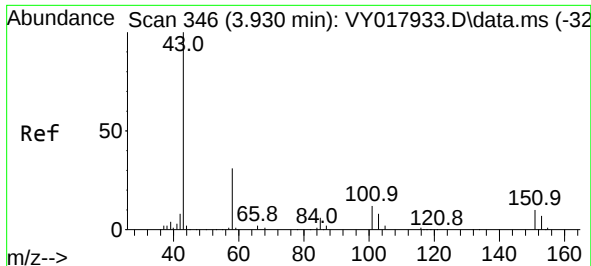
Tgt Ion:168 Resp: 118774
Ion Ratio Lower Upper
168 100
99 41.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.96 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Instrument :

MSVOA_Y

ClientSampleId :

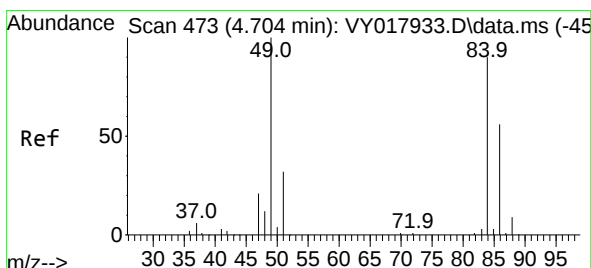
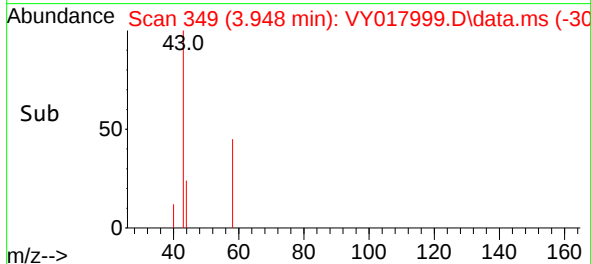
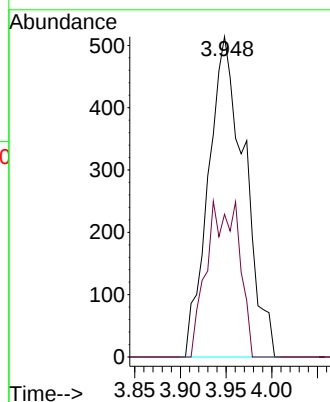
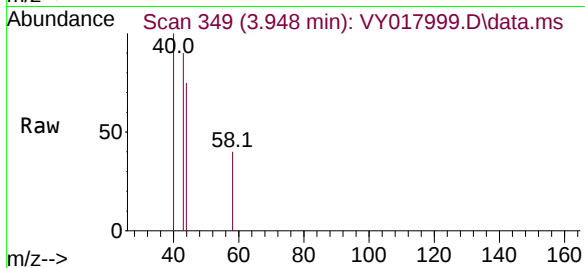
RBR200027

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 44.6 31.7 47.5



#20

Methylene Chloride

Concen: 3.47 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017999.D

Acq: 19 Apr 2024 15:22

Tgt Ion: 84 Resp: 4776

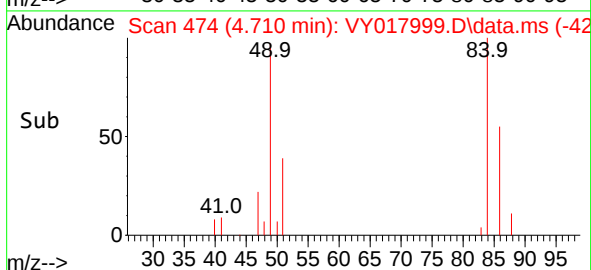
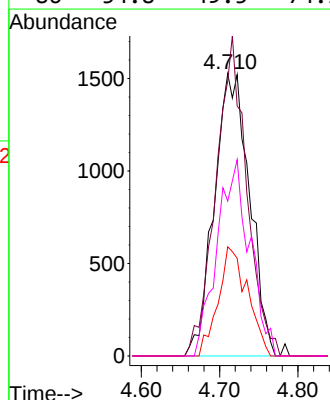
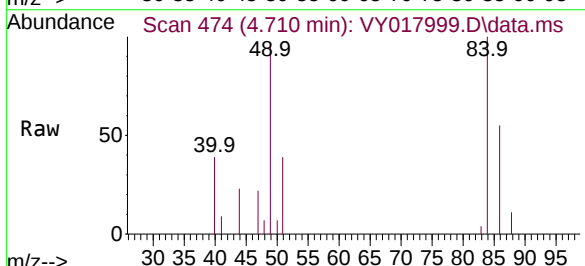
Ion Ratio Lower Upper

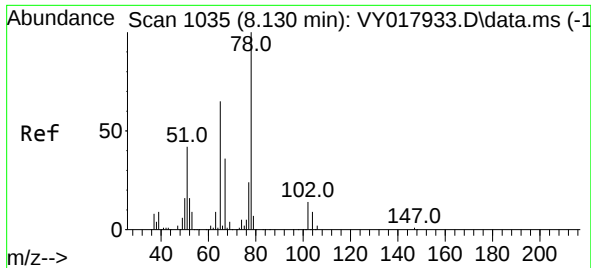
84 100

49 97.4 84.4 126.6

51 38.7 26.0 39.0

86 54.8 49.5 74.3

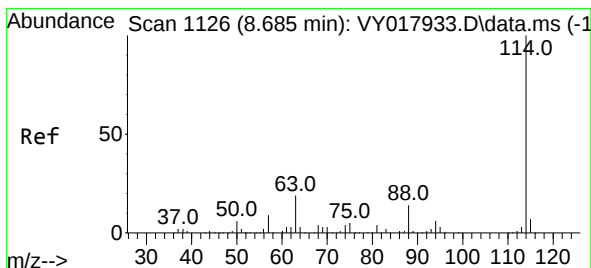
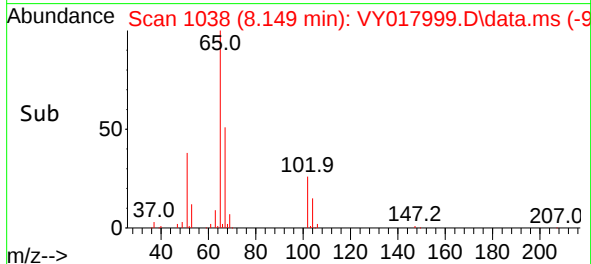
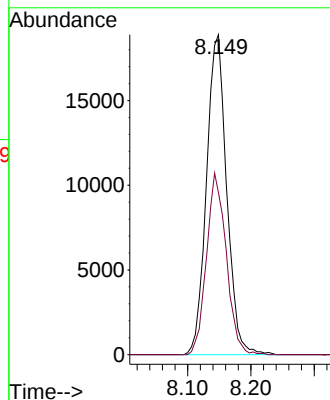
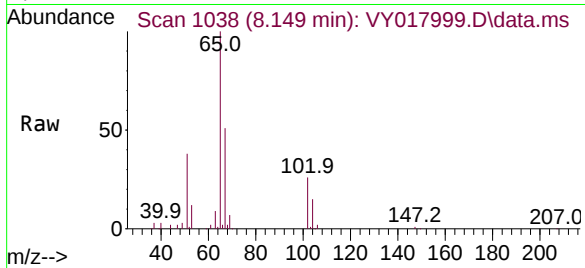




#33
1,2-Dichloroethane-d4
Concen: 40.82 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

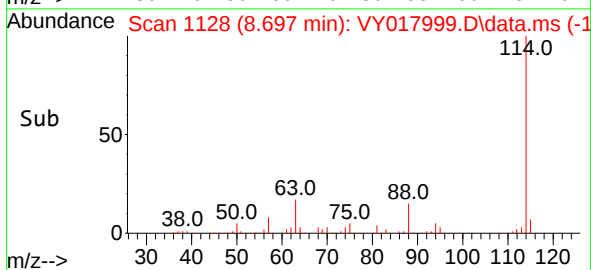
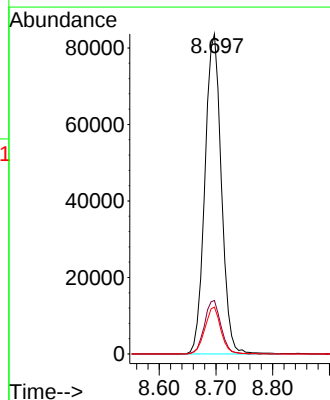
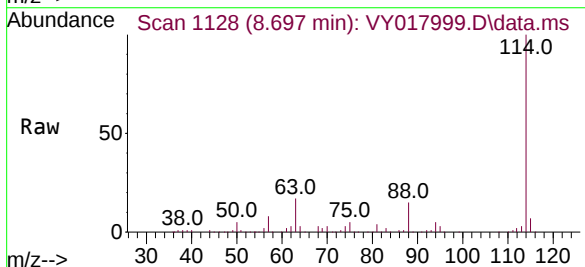
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

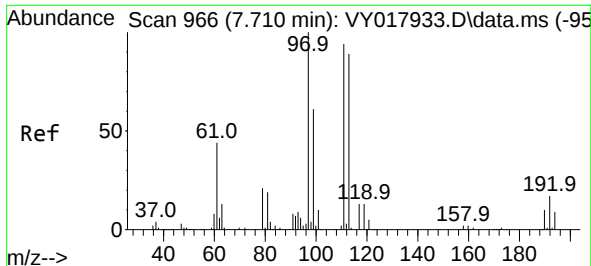
Tgt Ion: 65 Resp: 41956
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion: 114 Resp: 168862
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.6 0.0 27.2

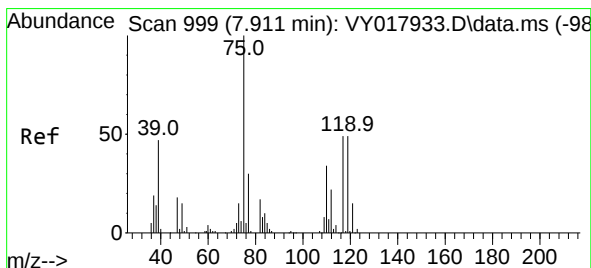
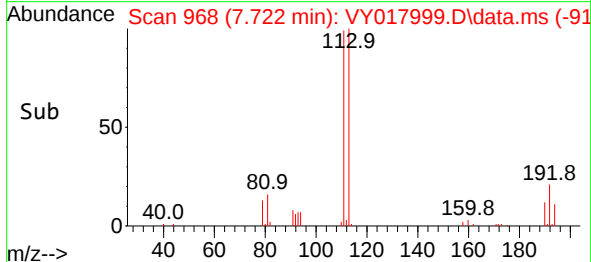
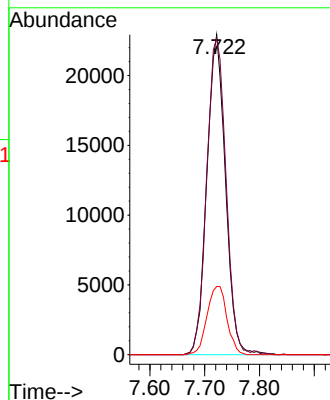
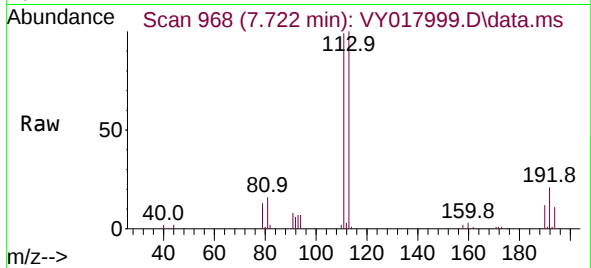




#35
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

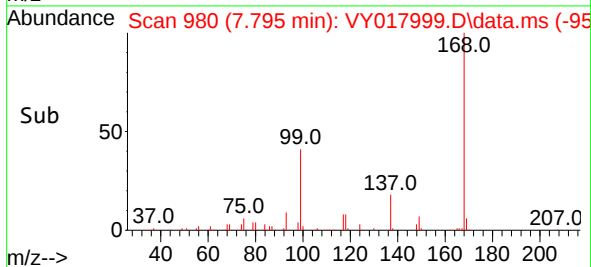
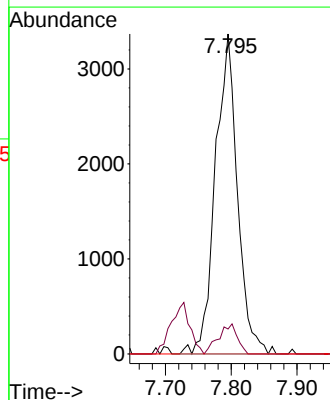
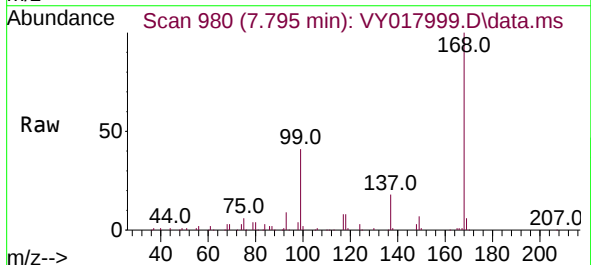
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

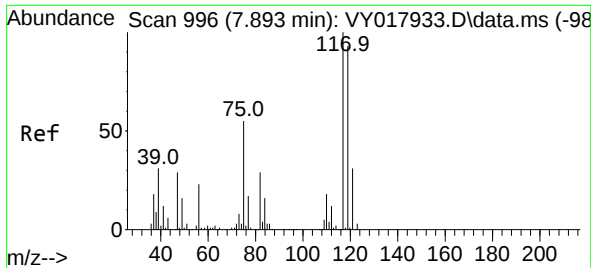
Tgt Ion:113 Resp: 53891
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 22.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion: 75 Resp: 7887
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#

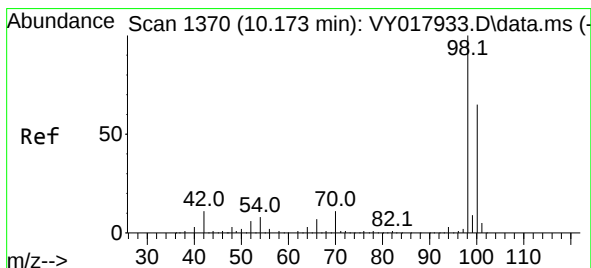
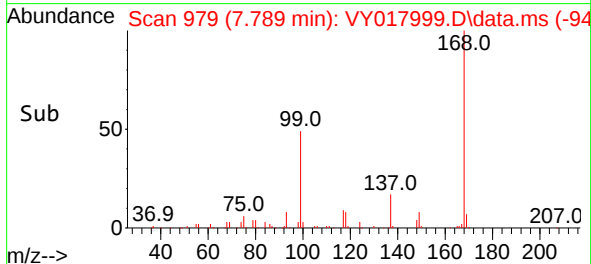
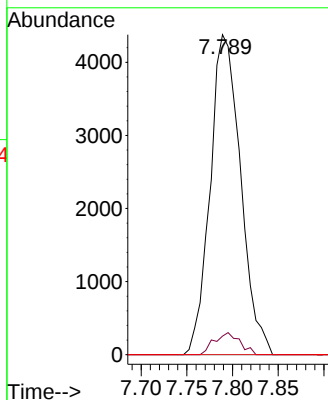
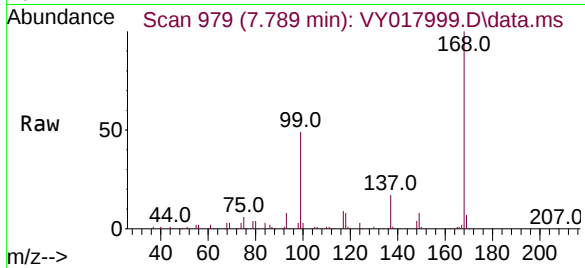




#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

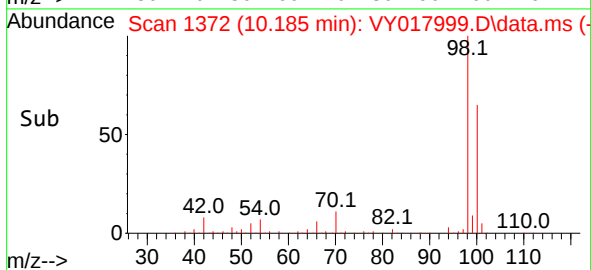
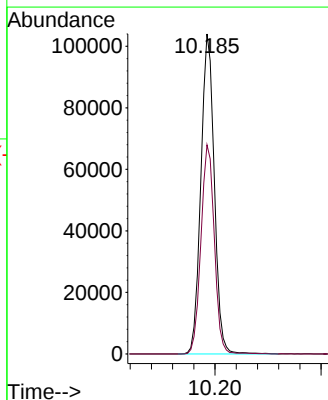
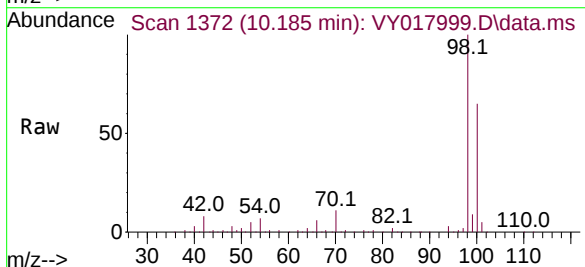
Instrument :
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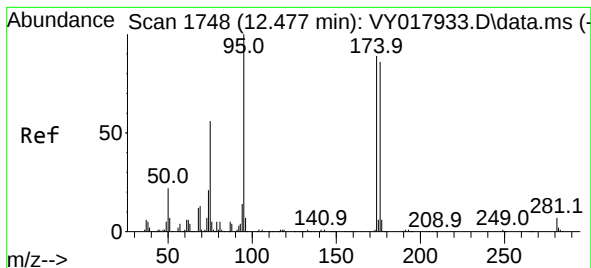
Tgt Ion:117 Resp: 10155
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.23 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion: 98 Resp: 182735
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

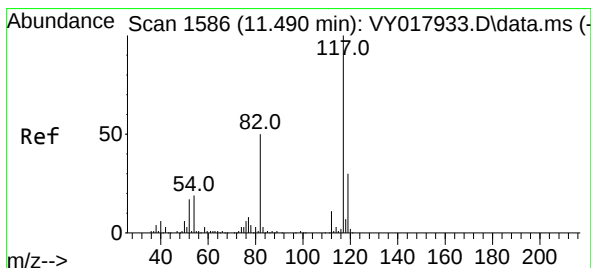
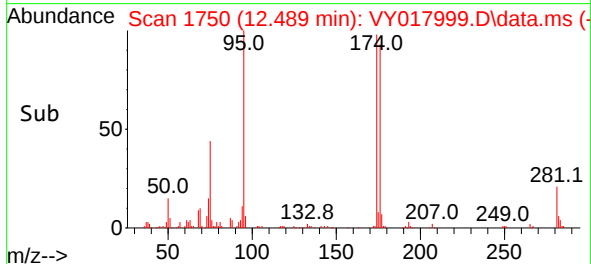
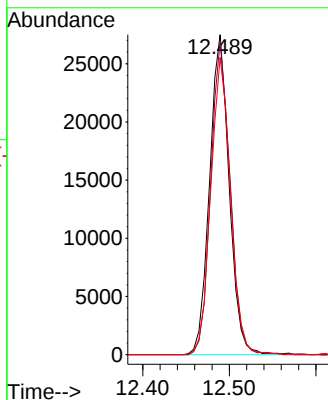
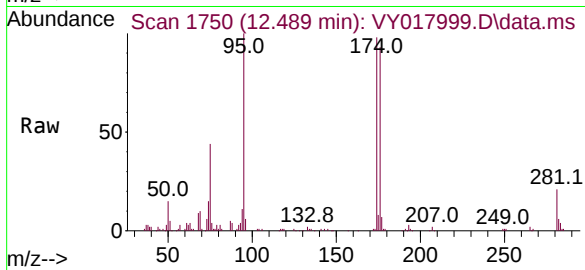




#62
4-Bromofluorobenzene
Concen: 35.29 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

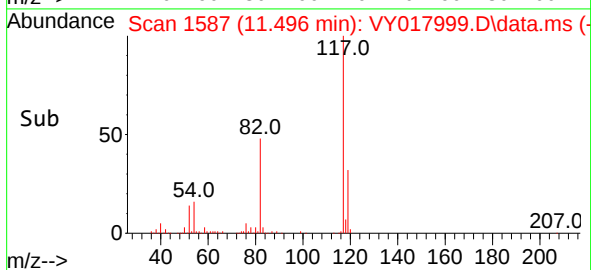
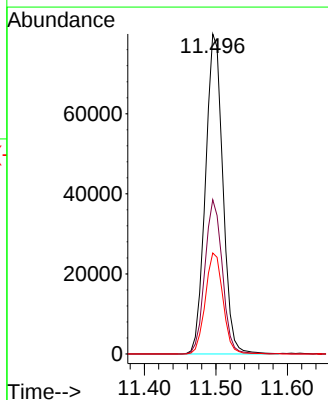
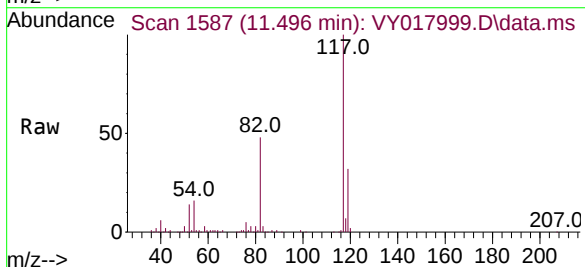
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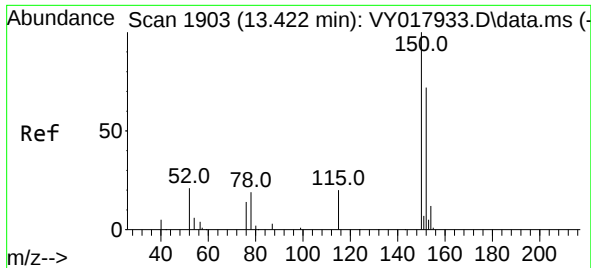
Tgt Ion:	95	Resp:	43210
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	175.6
176	93.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Tgt Ion:	117	Resp:	134955
Ion	Ratio	Lower	Upper
117	100		
82	48.2	42.4	63.6
119	31.5	25.9	38.9

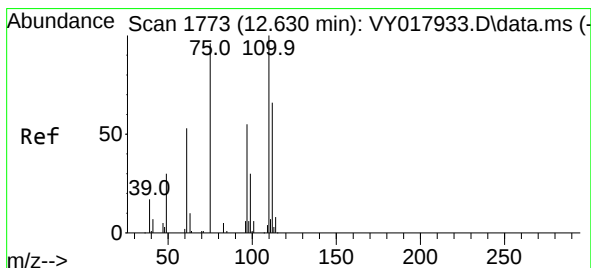
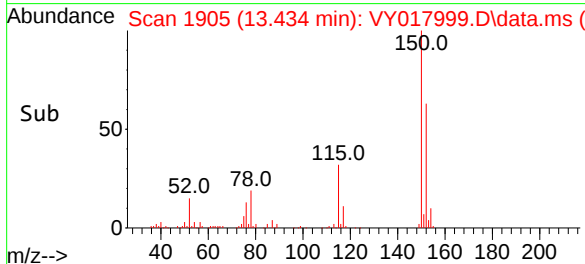
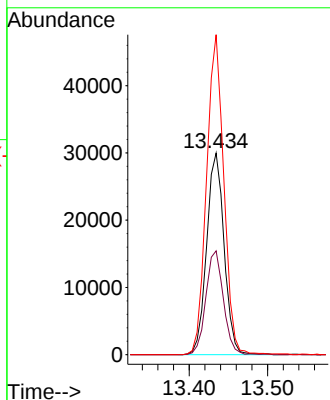
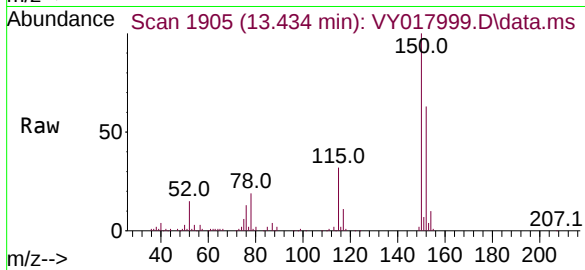




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.434 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY017999.D
 Acq: 19 Apr 2024 15:22

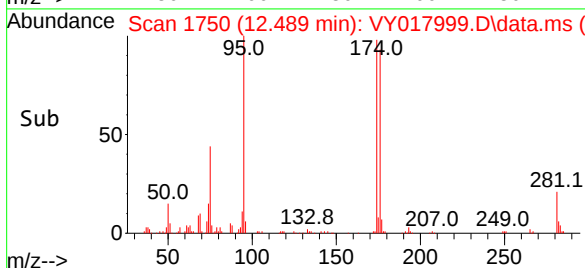
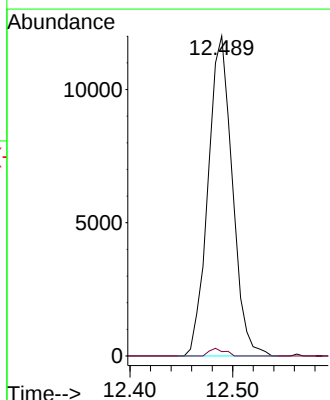
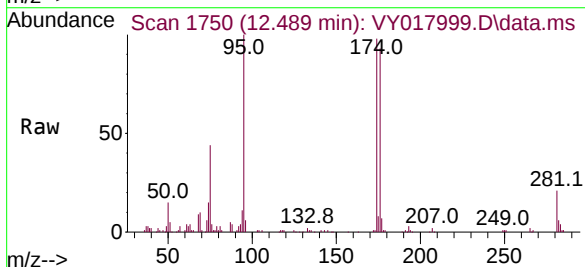
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

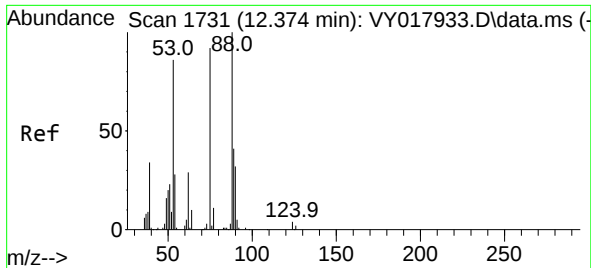
Tgt Ion:152 Resp: 46470
 Ion Ratio Lower Upper
 152 100
 115 51.6 28.2 84.7
 150 156.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 45.17 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY017999.D
 Acq: 19 Apr 2024 15:22

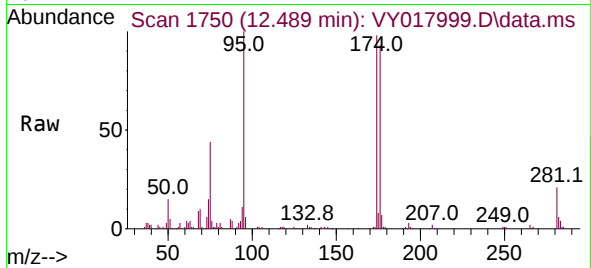
Tgt Ion: 75 Resp: 19697
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.13 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017999.D
Acq: 19 Apr 2024 15:22

Instrument :
MSVOA_Y
ClientSampleId :
RBR200027



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.6	35.8	53.6#

