

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008521.D
 Acq On : 27 Apr 2022 12:51
 Operator : KP/MD
 Sample : N2511-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1527

Quant Time: Apr 27 15:30:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

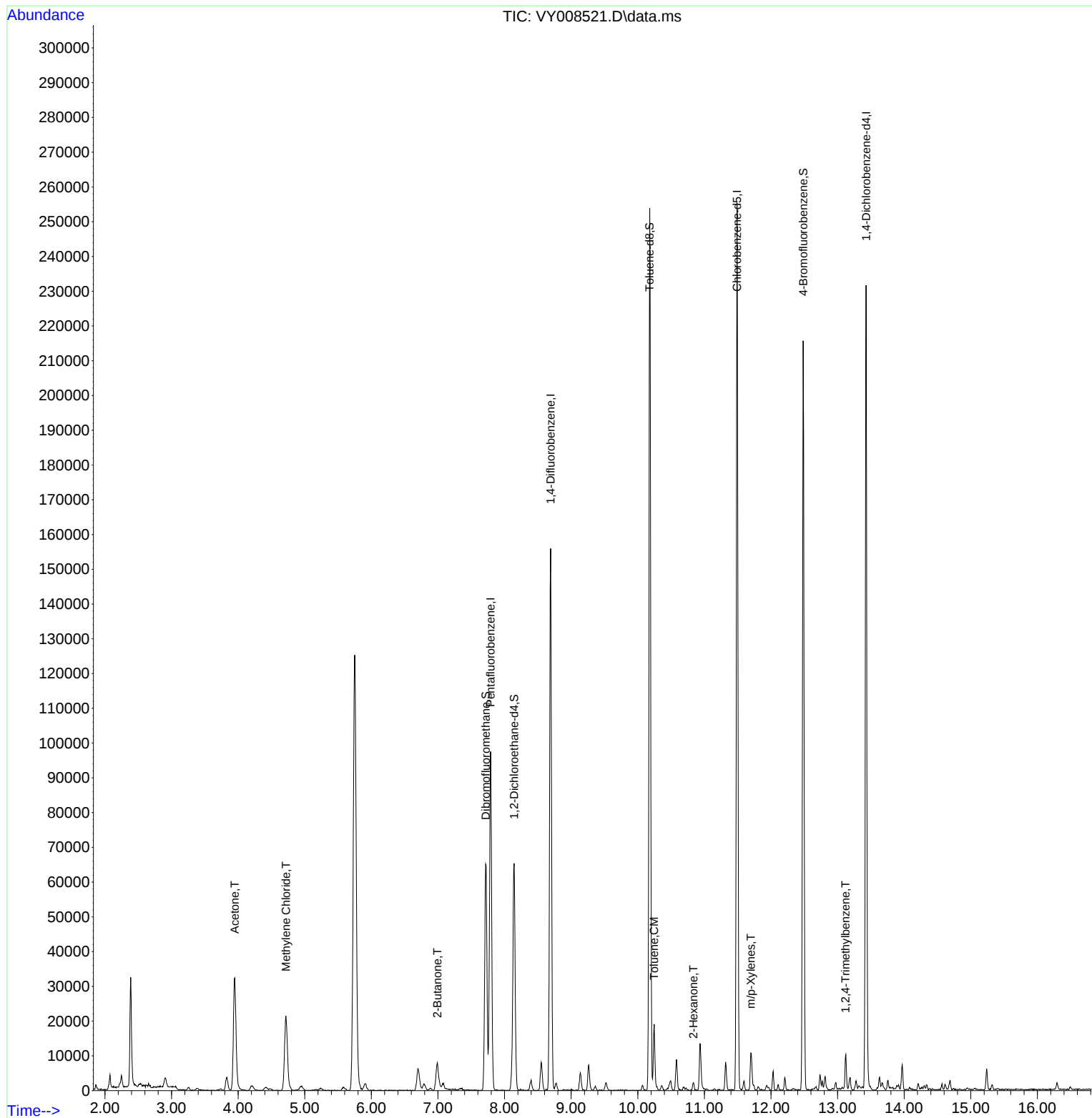
Internal Standards						
1) Pentafluorobenzene	7.789	168	74036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47607	54.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.300%	
35) Dibromofluoromethane	7.716	113	45825	51.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.460%	
50) Toluene-d8	10.179	98	168799	47.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	12.483	95	54792	45.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	57279	282.299	ug/l	90
20) Methylene Chloride	4.716	84	16974	11.311	ug/l #	81
25) 2-Butanone	6.990	43	10543	33.587	ug/l #	90
52) Toluene	10.246	92	7782	2.862	ug/l	93
59) 2-Hexanone	10.837	43	1514	2.918	ug/l	96
68) m/p-Xylenes	11.697	106	3683	1.701	ug/l	84
84) 1,2,4-Trimethylbenzene	13.117	105	5974	1.703	ug/l	100

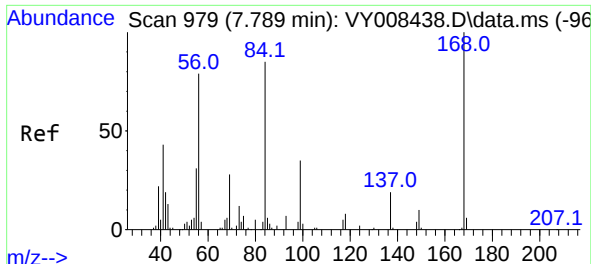
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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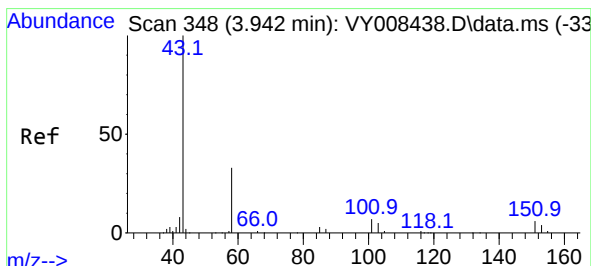
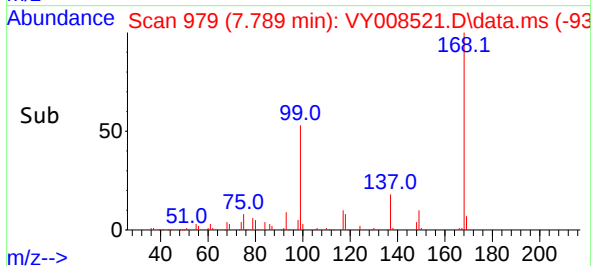
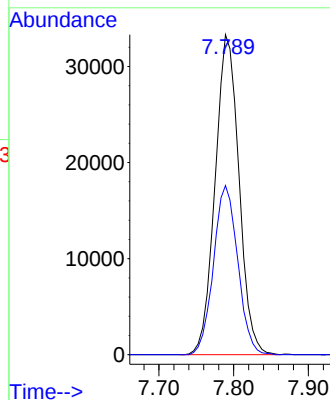
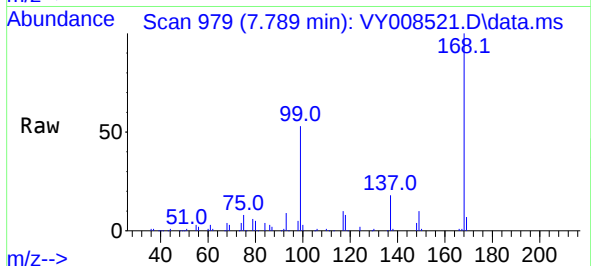




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

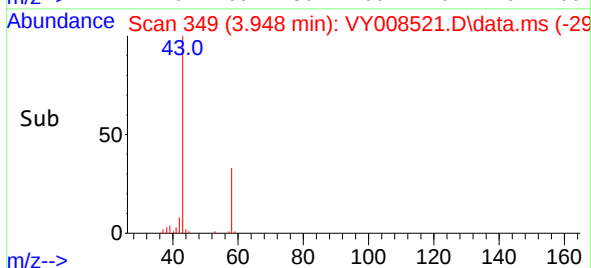
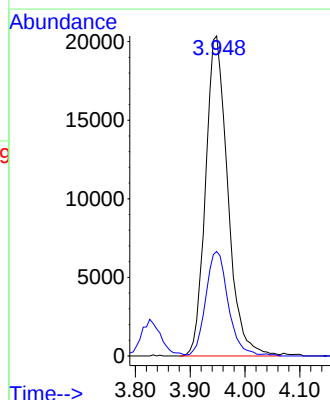
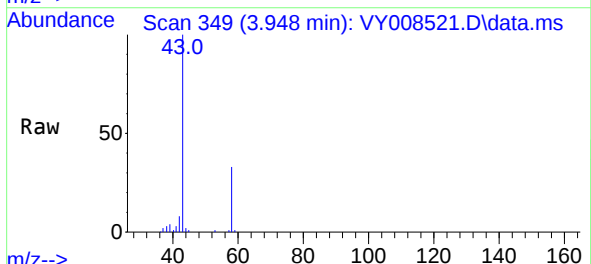
Instrument :
MSVOA_Y
ClientSampleId :
1527

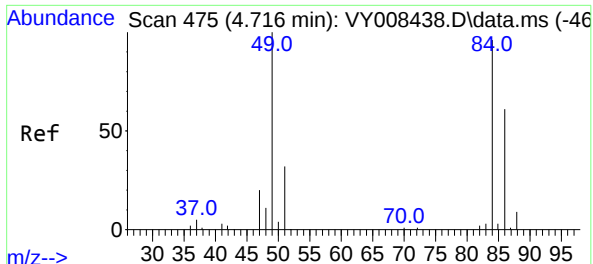
Tgt Ion:168 Resp: 74036
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 282.299 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Tgt Ion: 43 Resp: 57279
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0



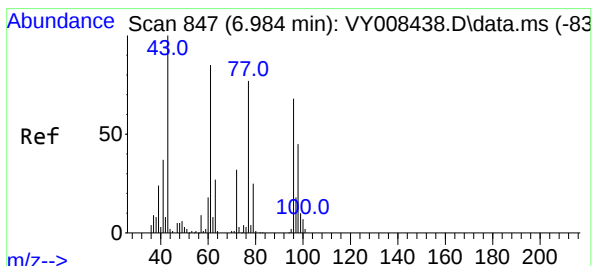
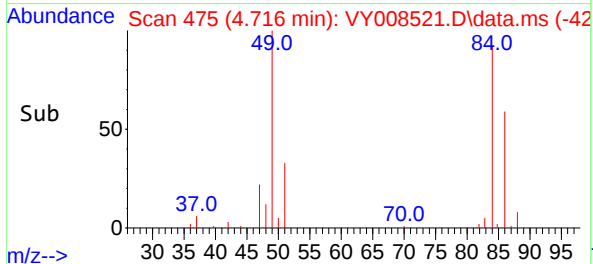
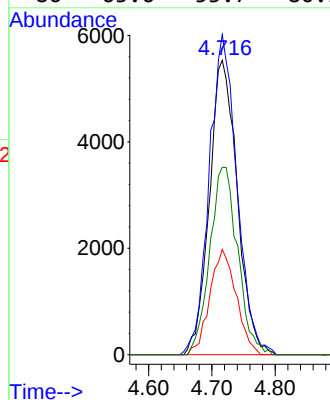
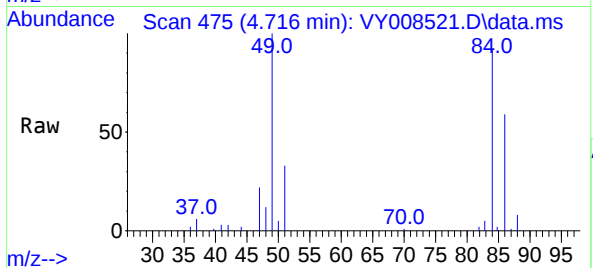


#20
Methylene Chloride
Concen: 11.311 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :
1527

Tgt Ion: 84 Resp: 16974

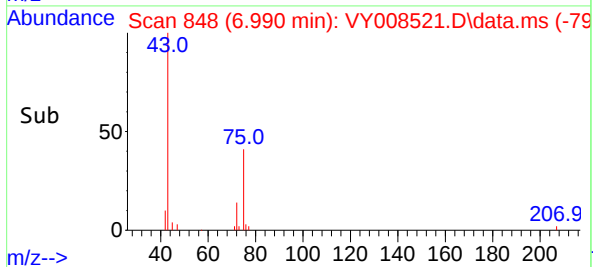
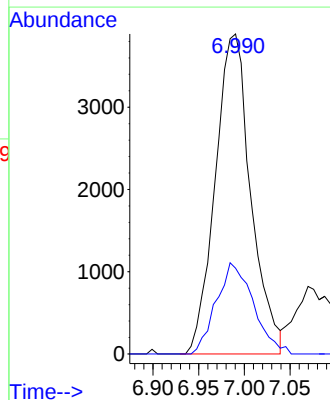
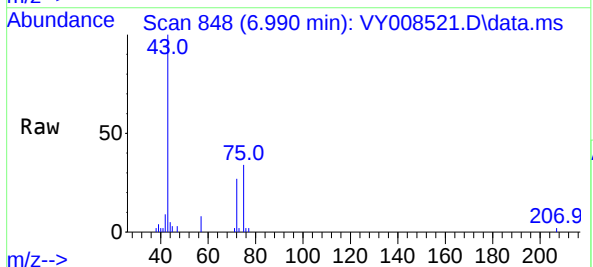
Ion	Ratio	Lower	Upper
84	100		
49	108.7	114.4	171.6#
51	35.8	35.3	52.9
86	63.6	53.7	80.5

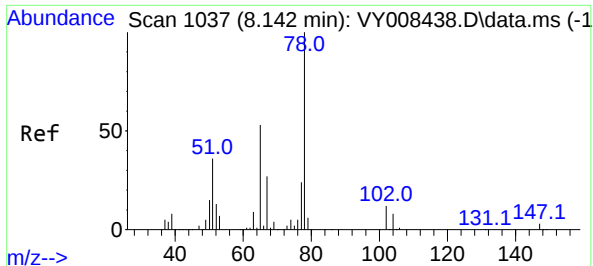


#25
2-Butanone
Concen: 33.587 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Tgt Ion: 43 Resp: 10543

Ion	Ratio	Lower	Upper
43	100		
72	26.8	17.7	26.5#





#33

1,2-Dichloroethane-d4

Concen: 54.650 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008521.D

Acq: 27 Apr 2022 12:51

Instrument :

MSVOA_Y

ClientSampleId :

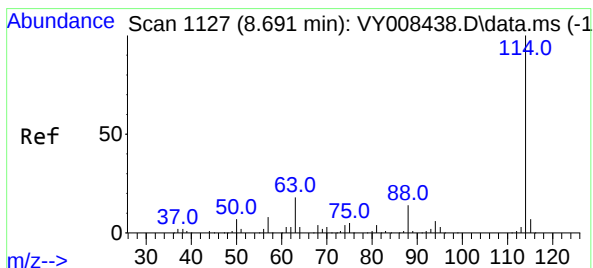
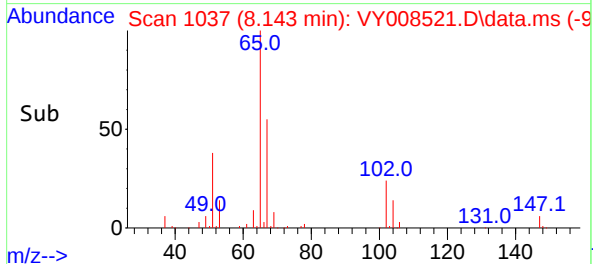
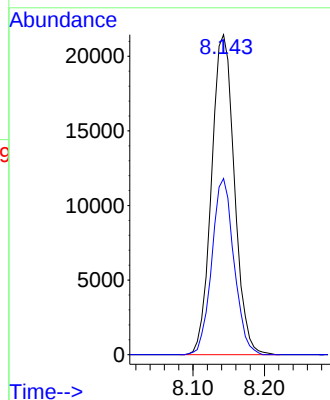
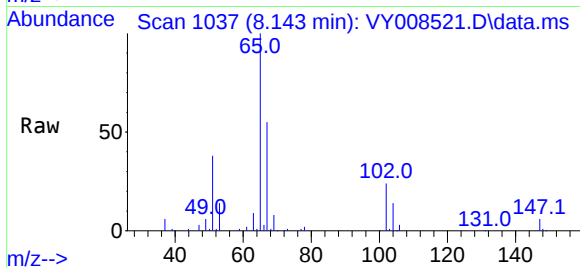
1527

Tgt Ion: 65 Resp: 47607

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008521.D

Acq: 27 Apr 2022 12:51

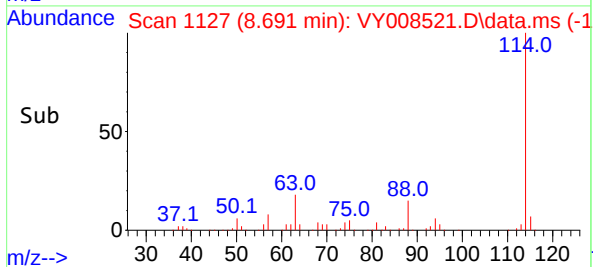
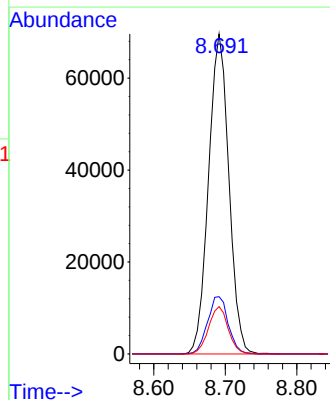
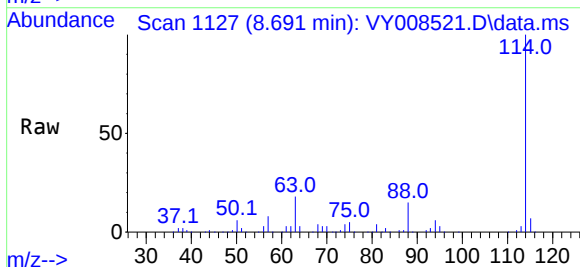
Tgt Ion:114 Resp: 137264

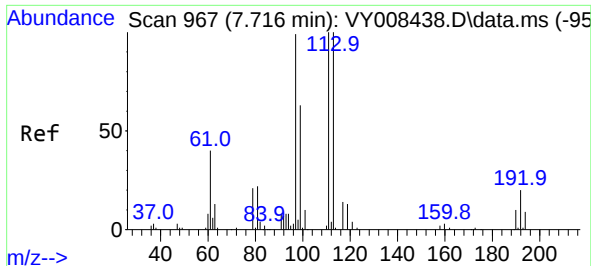
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.8 0.0 31.8

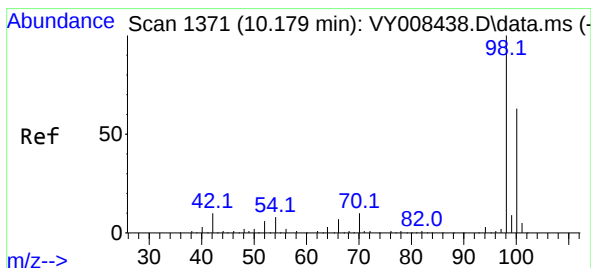
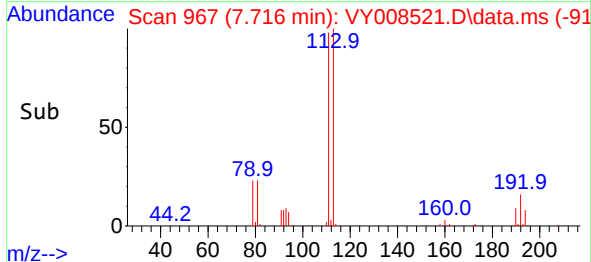
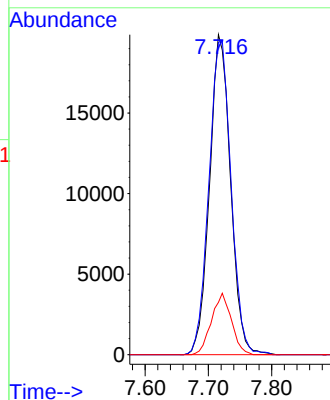
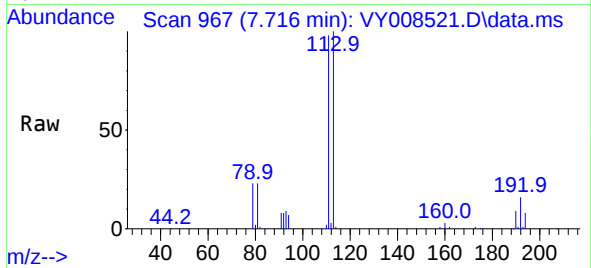




#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

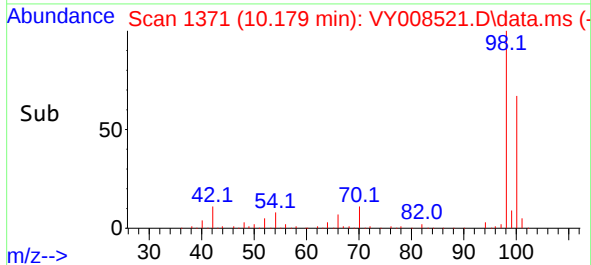
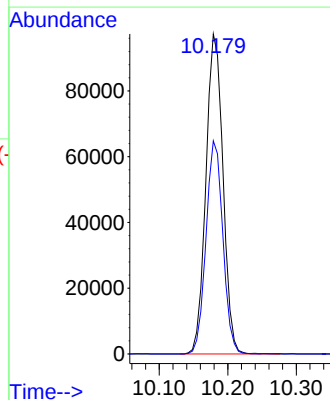
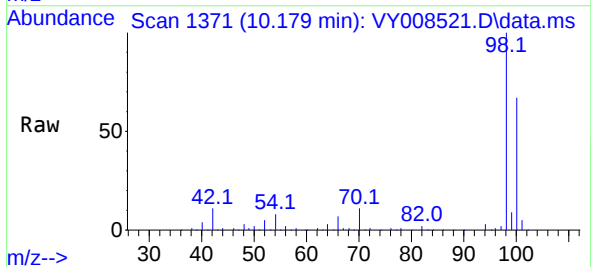
Instrument :
MSVOA_Y
ClientSampleId :
1527

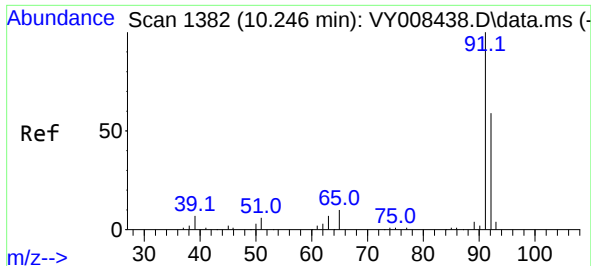
Tgt Ion:113 Resp: 45825
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.2 17.6 26.4



#50
Toluene-d8
Concen: 47.908 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Tgt Ion: 98 Resp: 168799
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

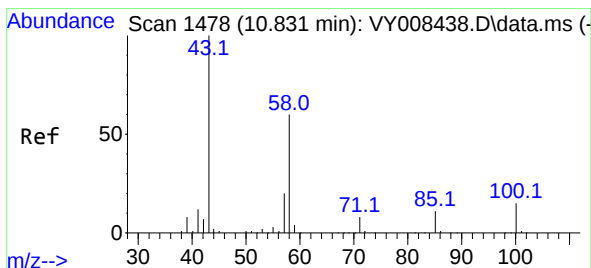
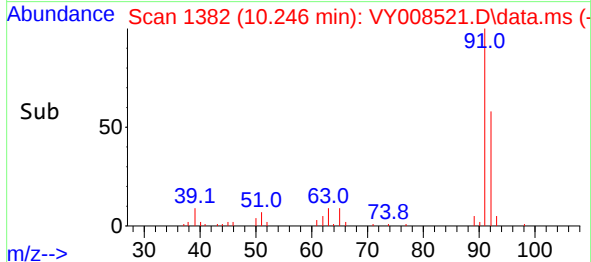
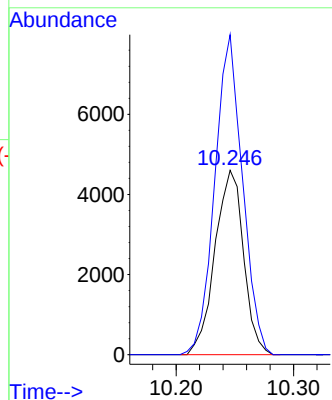
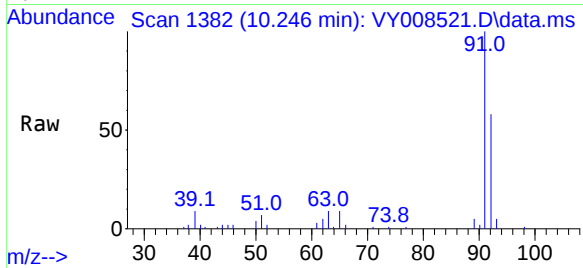




#52
Toluene
Concen: 2.862 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

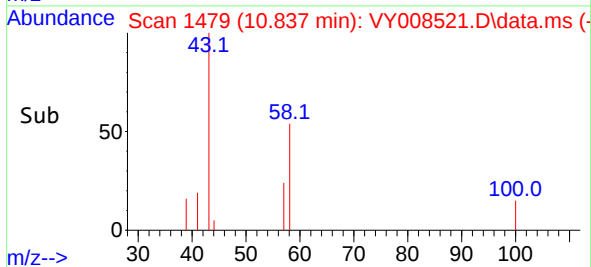
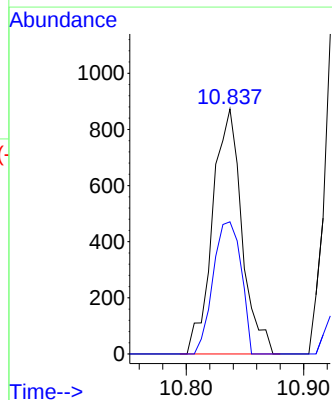
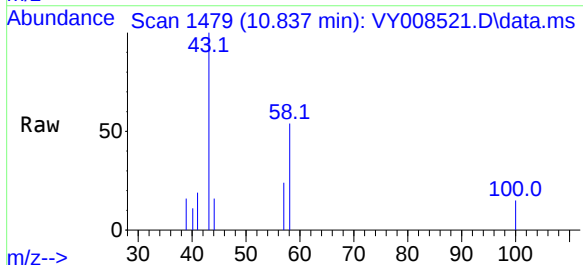
Instrument :
MSVOA_Y
ClientSampleId :
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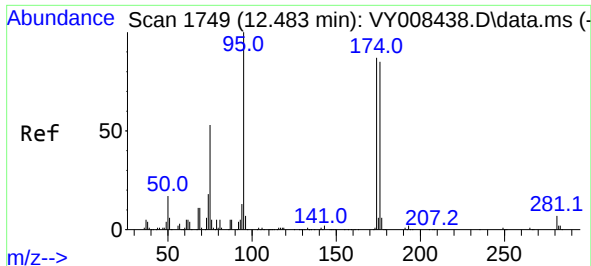
Tgt Ion: 92 Resp: 7782
Ion Ratio Lower Upper
92 100
91 168.2 142.6 213.8



#59
2-Hexanone
Concen: 2.918 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

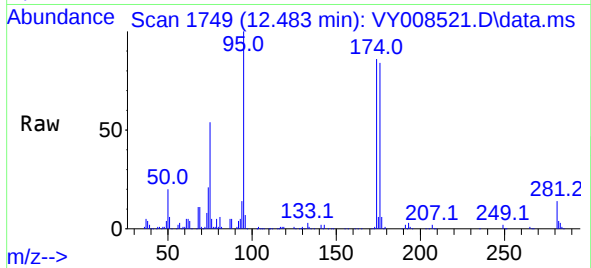
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 51.4 24.4 73.4



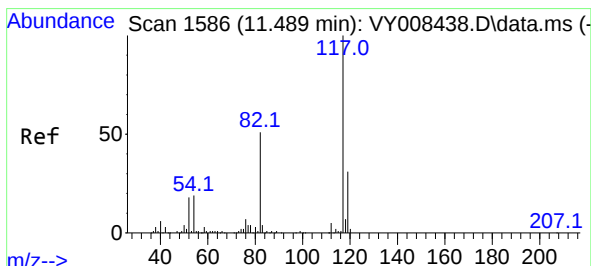
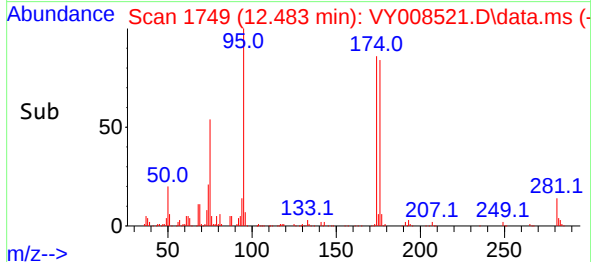
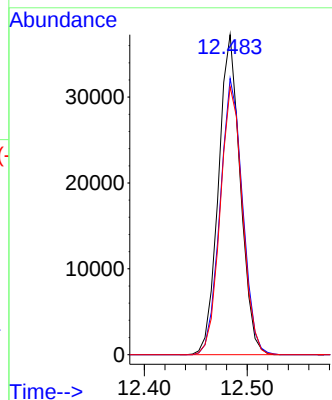


#62
4-Bromofluorobenzene
Concen: 45.933 ug/l
RT: 12.483 min Scan# 11527
Delta R.T. 0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Instrument :
MSVOA_Y
ClientSampleId :

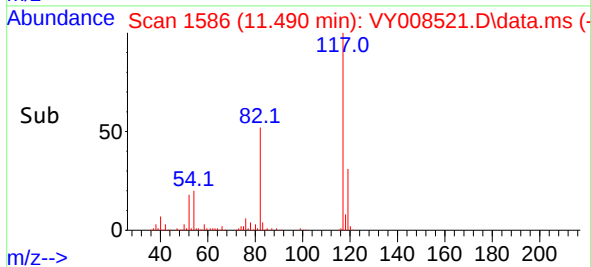
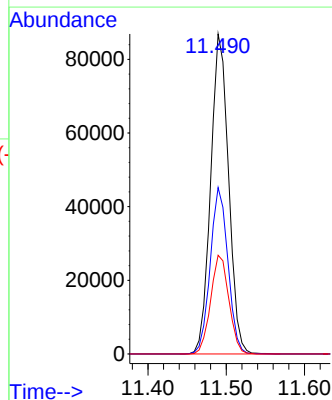
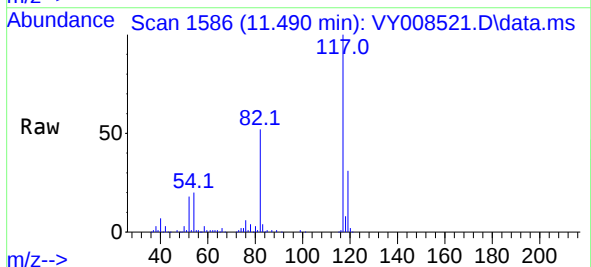


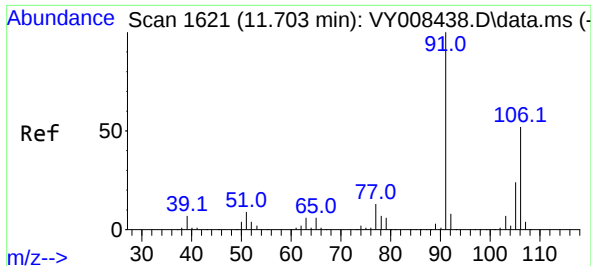
Tgt Ion: 95 Resp: 54792
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 85.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Tgt Ion: 117 Resp: 137773
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 30.8 25.4 38.0

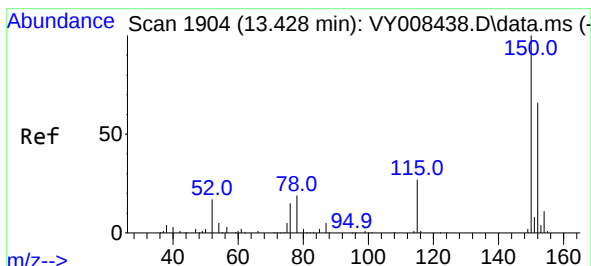
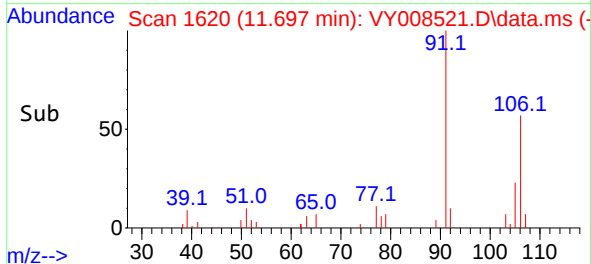
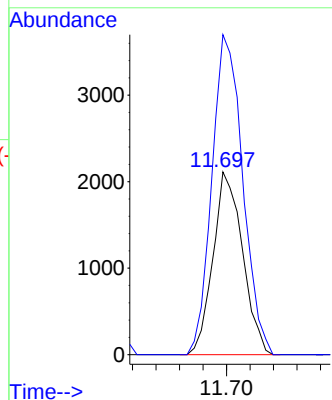
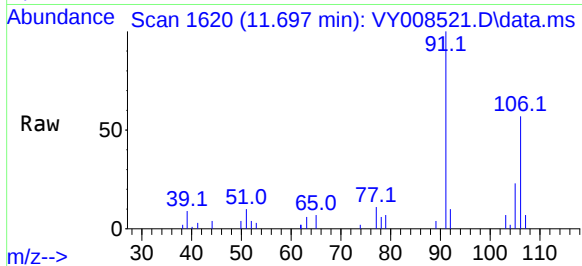




#68
m/p-Xylenes
Concen: 1.701 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

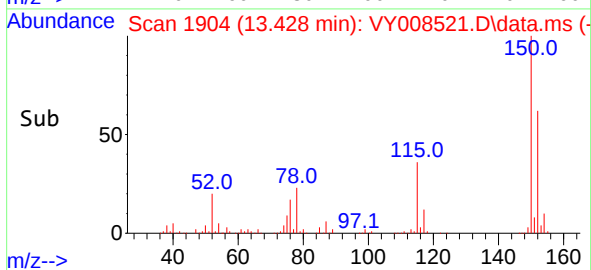
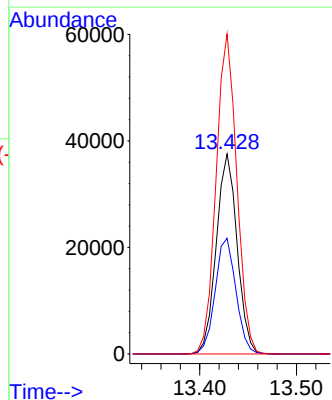
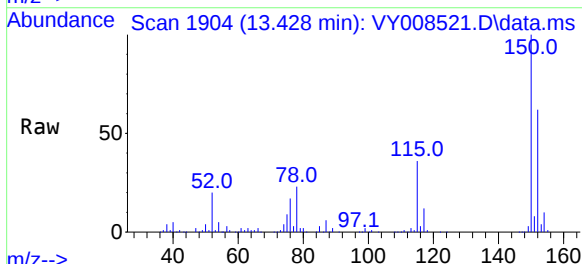
Instrument :
MSVOA_Y
ClientSampleId :
1527

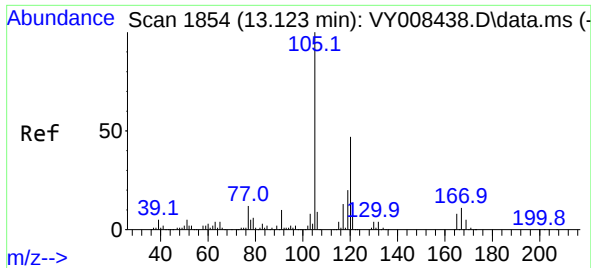
Tgt Ion:106 Resp: 3683
Ion Ratio Lower Upper
106 100
91 183.1 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008521.D
Acq: 27 Apr 2022 12:51

Tgt Ion:152 Resp: 56193
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 158.8 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.703 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY008521.D
 Acq: 27 Apr 2022 12:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 1527

Tgt Ion:105 Resp: 5974
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.9

