

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012771.D
 Acq On : 02 Mar 2023 20:01
 Operator : KP/MD
 Sample : 01739-05
 Misc : 9.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-2-GRAB-8

Quant Time: Mar 03 01:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

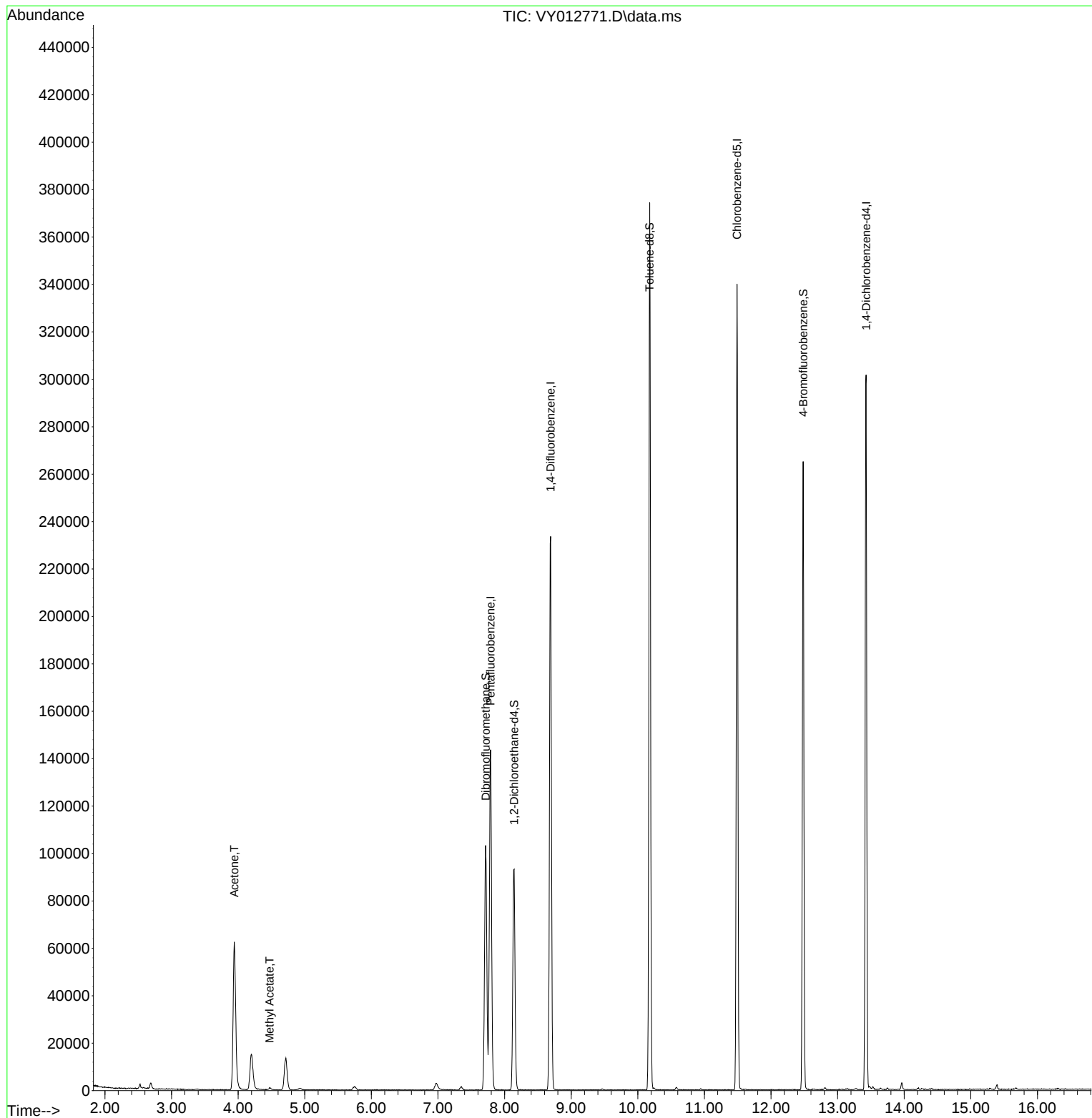
Internal Standards						
1) Pentafluorobenzene	7.789	168	113494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73362	65.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.200%	
35) Dibromofluoromethane	7.716	113	71600	59.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.640%	
50) Toluene-d8	10.179	98	238892	54.136	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.483	95	76155	51.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	108700	245.763	ug/l	97
18) Methyl Acetate	4.472	43	1503	1.141	ug/l #	89

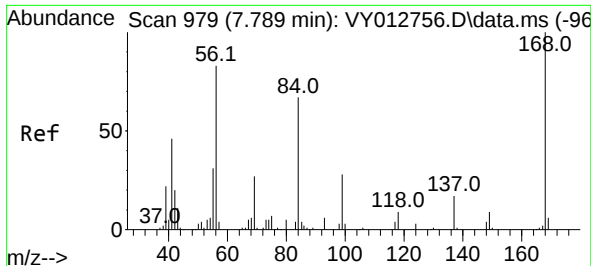
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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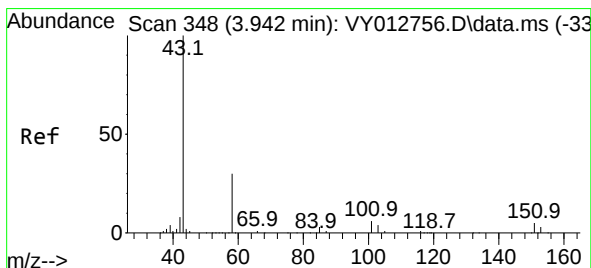
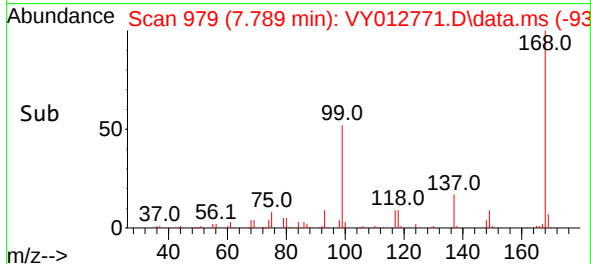
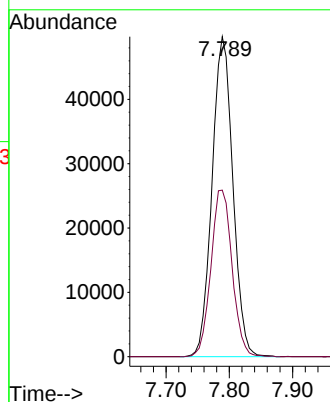
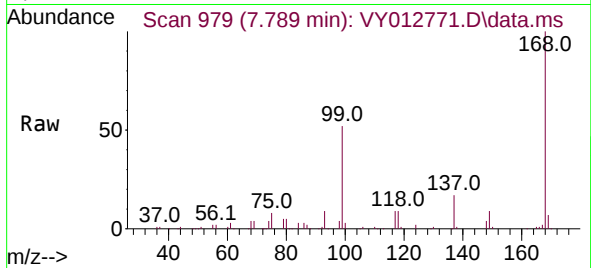




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

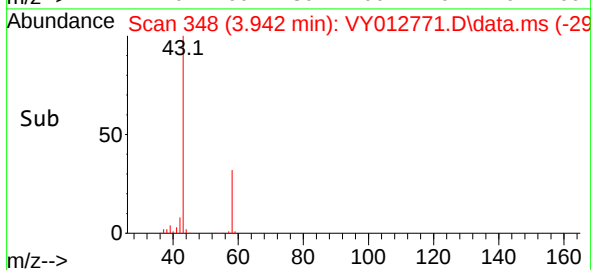
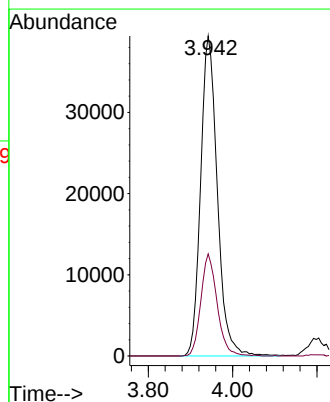
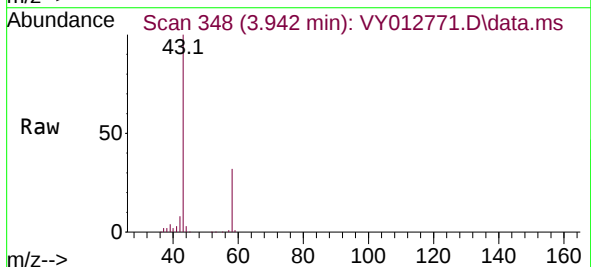
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

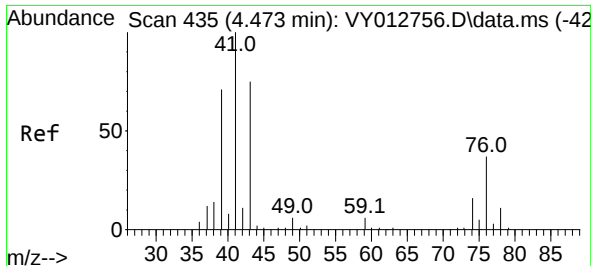
Tgt Ion:168 Resp: 113494
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#16
Acetone
Concen: 245.763 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 43 Resp: 108700
Ion Ratio Lower Upper
43 100
58 31.9 24.2 36.2

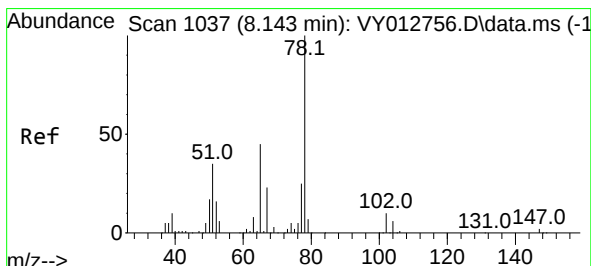
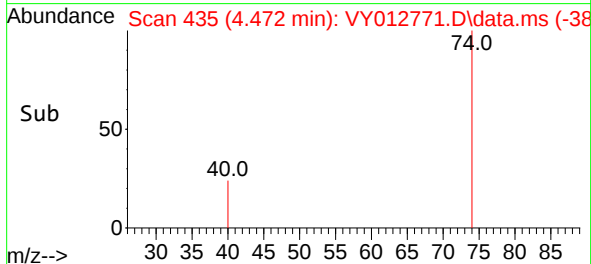
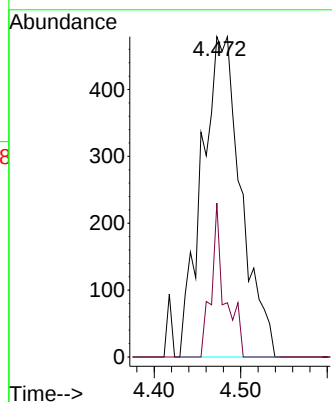
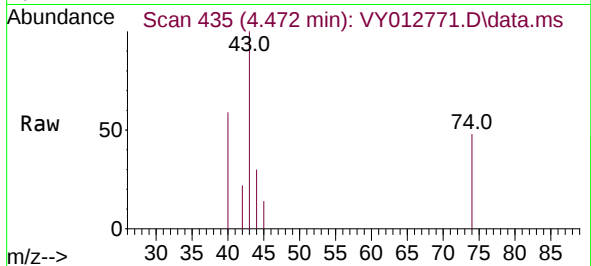




#18
Methyl Acetate
Concen: 1.141 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

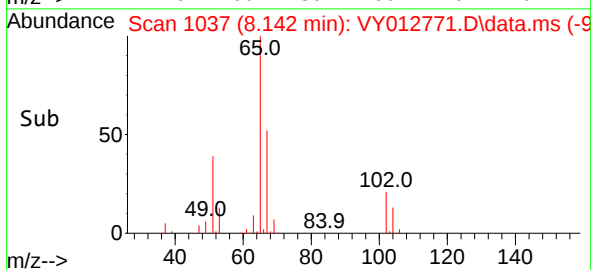
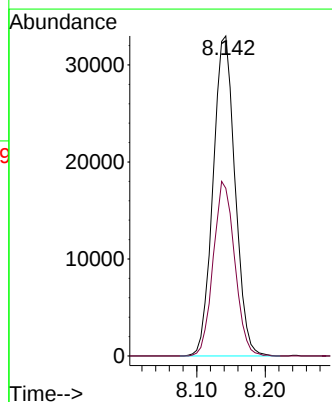
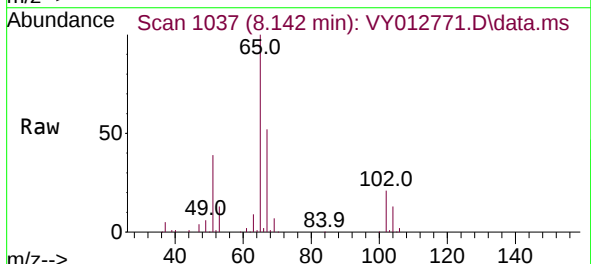
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

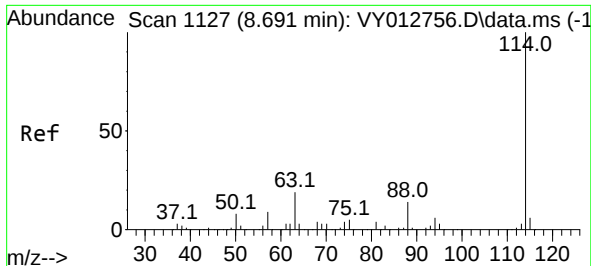
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
74 16.7 17.4 26.0#



#33
1,2-Dichloroethane-d4
Concen: 65.104 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 65 Resp: 73362
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0

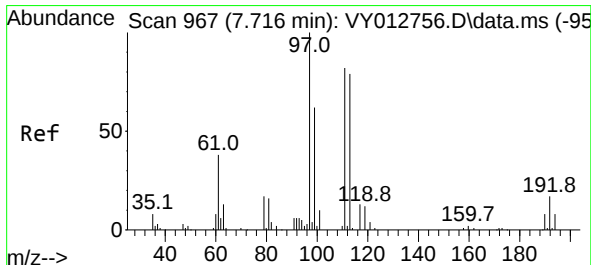
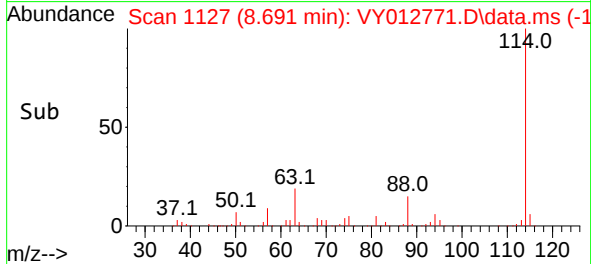
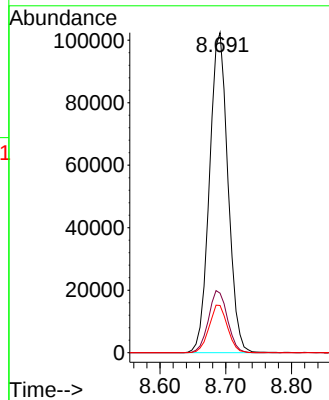
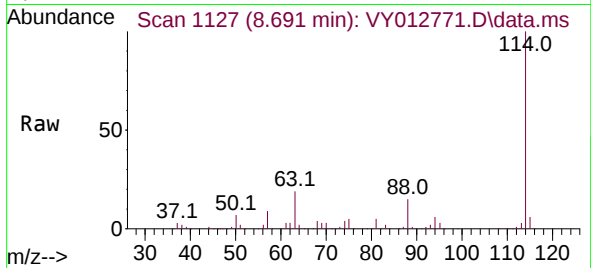




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

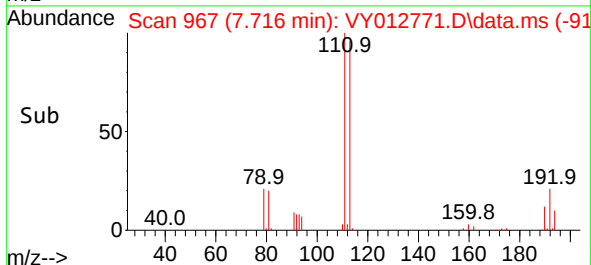
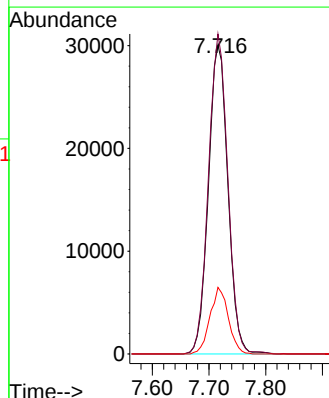
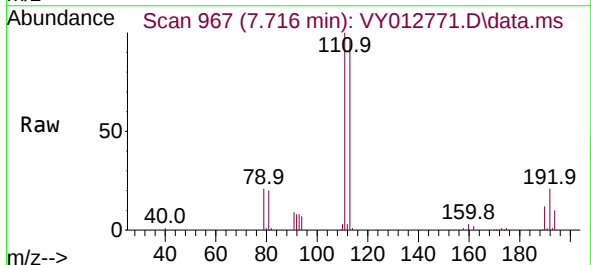
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

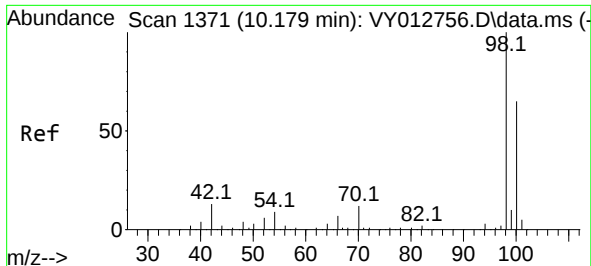
Tgt Ion:	114	Resp:	200011
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.4
88	14.7	0.0	28.6



#35
Dibromofluoromethane
Concen: 59.318 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion:	113	Resp:	71600
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	20.3	16.8	25.2

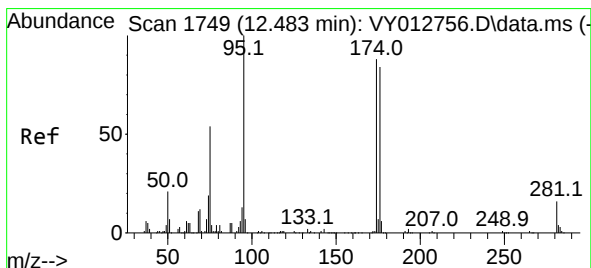
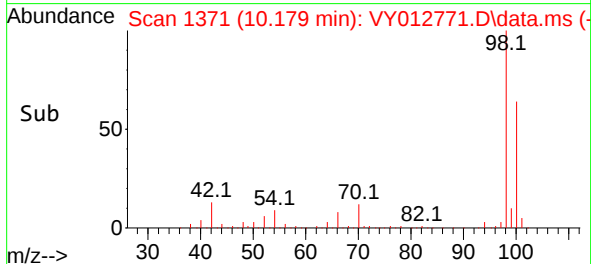
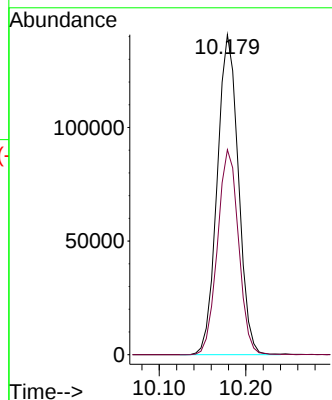
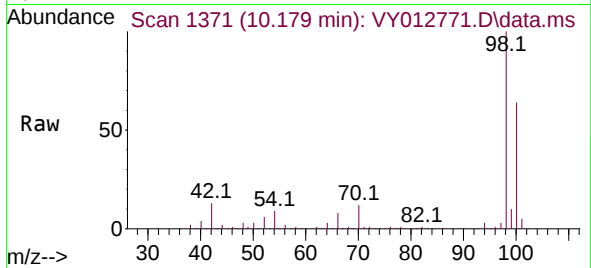




#50
Toluene-d8
Concen: 54.136 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

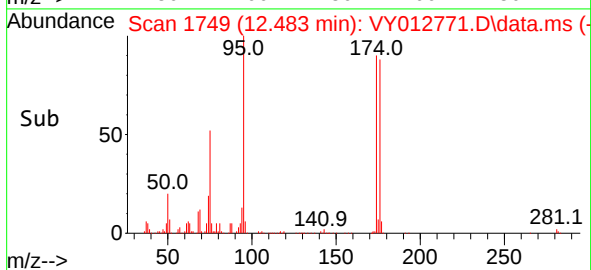
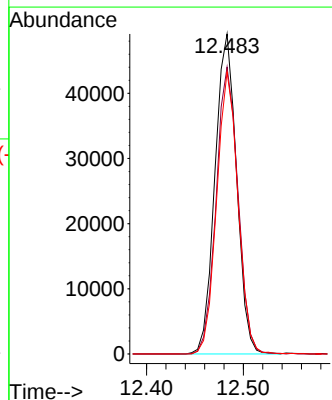
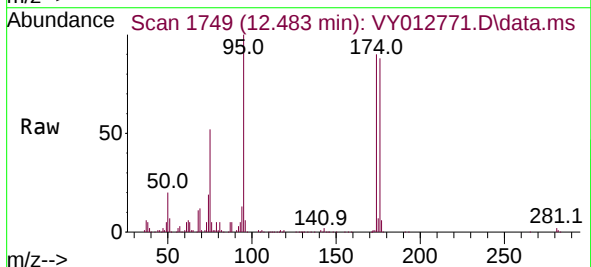
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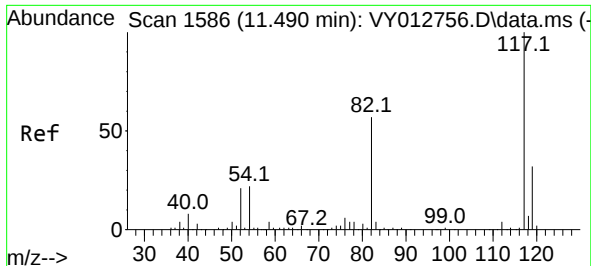
Tgt Ion: 98 Resp: 238892
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.131 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion: 95 Resp: 76155
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 86.9 0.0 170.2

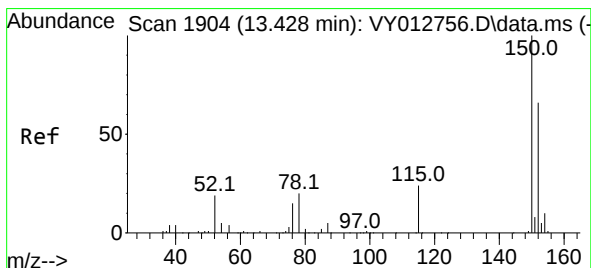
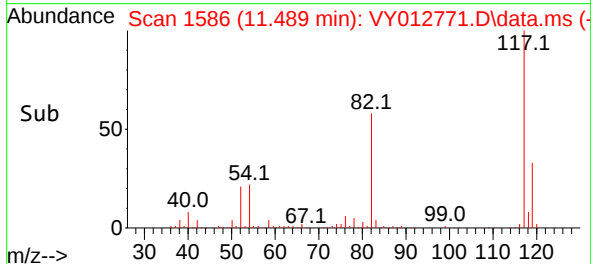
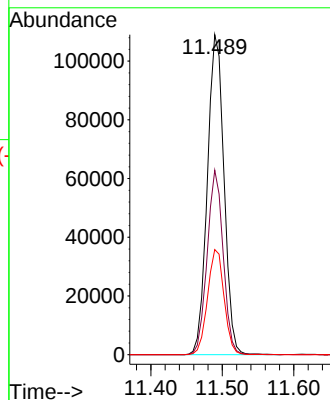
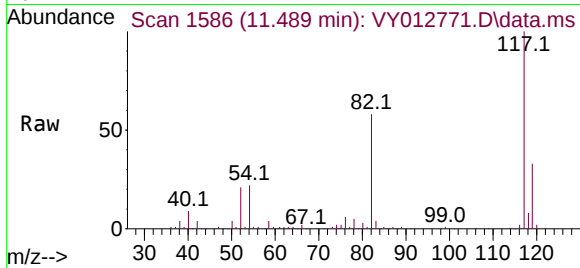




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-2-GRAB-8

Tgt Ion:117 Resp: 176447
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012771.D
Acq: 02 Mar 2023 20:01

Tgt Ion:152 Resp: 80011
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 156.0 0.0 347.8

