

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015255.D
 Acq On : 22 Aug 2023 19:24
 Operator : SY/MD
 Sample : 04109-01
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)

Quant Time: Aug 23 02:46:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

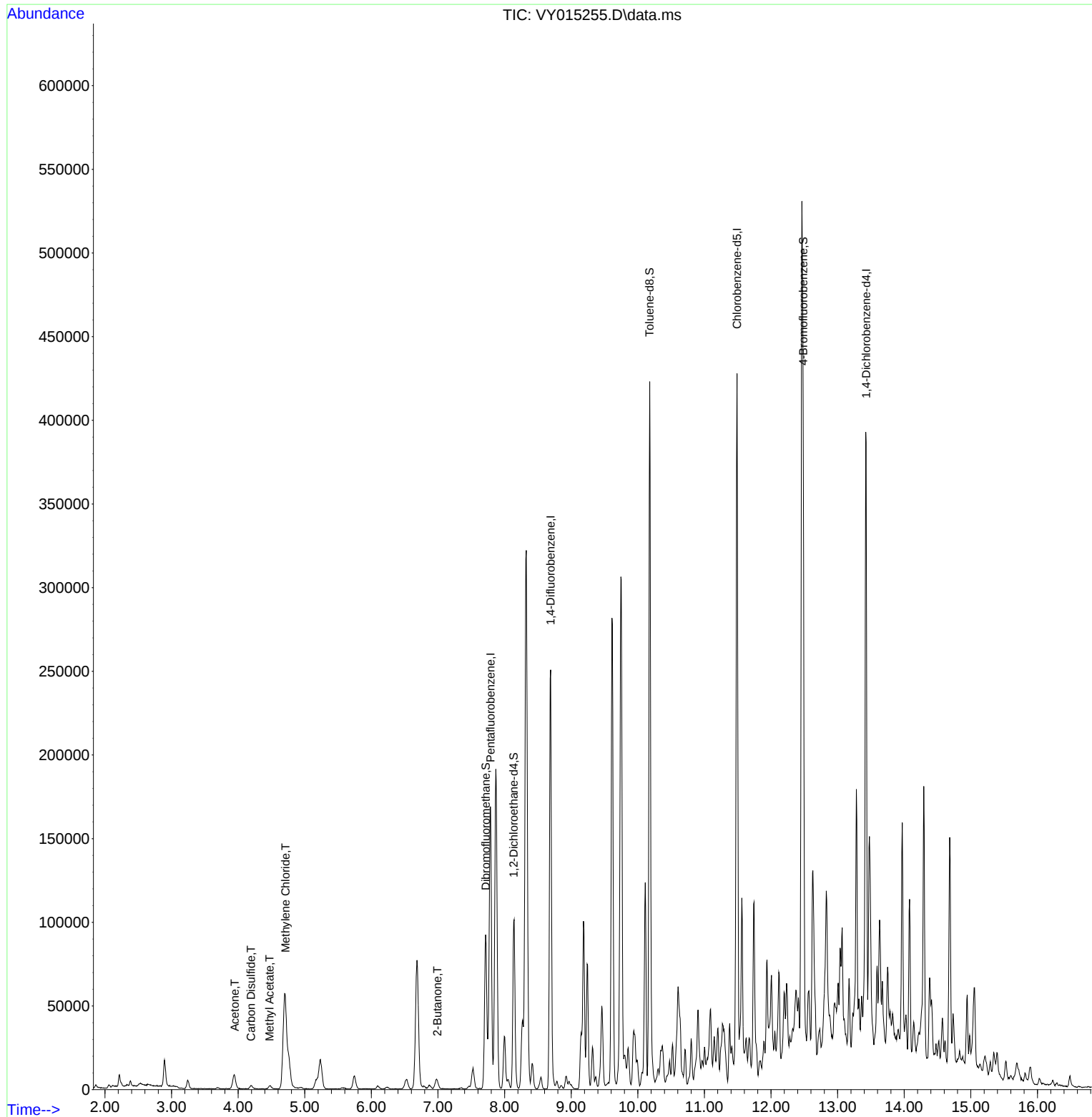
Internal Standards						
1) Pentafluorobenzene	7.789	168	125993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80297	53.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.180%	
35) Dibromofluoromethane	7.716	113	64169	48.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.179	98	251394	50.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.483	95	90548	49.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10451	21.152	ug/l	92
17) Carbon Disulfide	4.192	76	2596	1.683	ug/l #	76
18) Methyl Acetate	4.472	43	3929	2.170	ug/l	92
20) Methylene Chloride	4.710	84	13844	8.063	ug/l #	83
25) 2-Butanone	6.990	43	3677	5.256	ug/l #	85

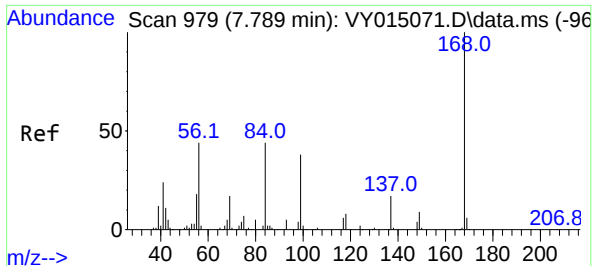
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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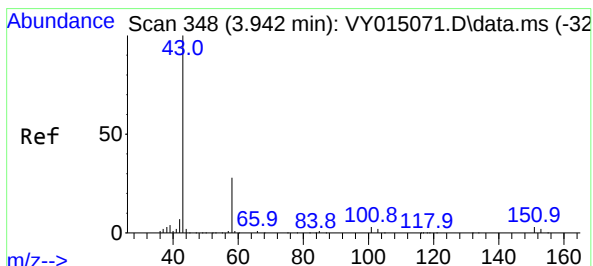
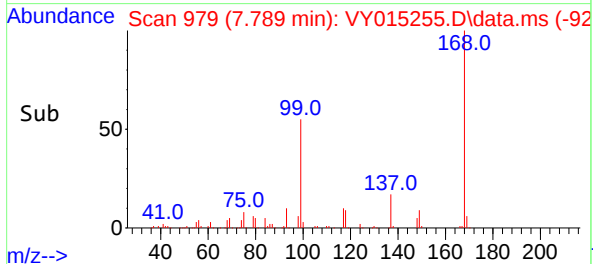
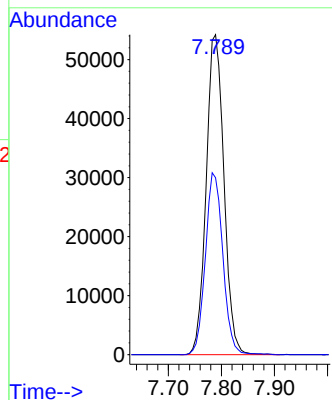
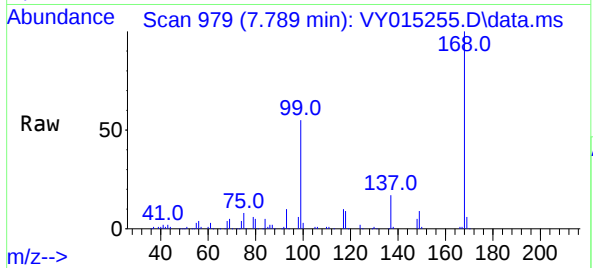




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

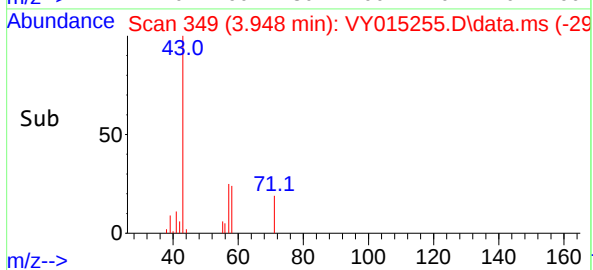
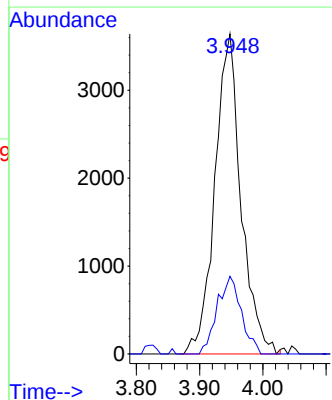
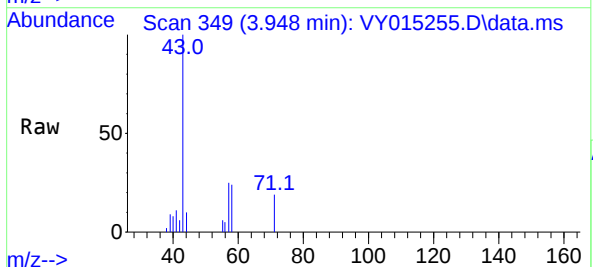
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)

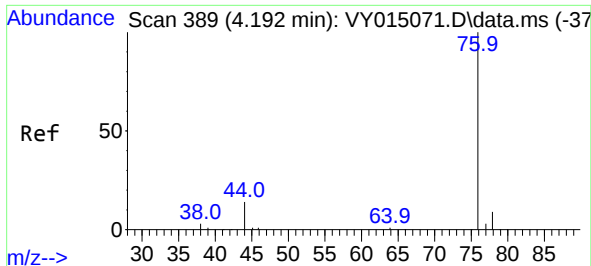
Tgt Ion:168 Resp: 125993
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 21.152 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 43 Resp: 10451
Ion Ratio Lower Upper
43 100
58 24.3 22.7 34.1

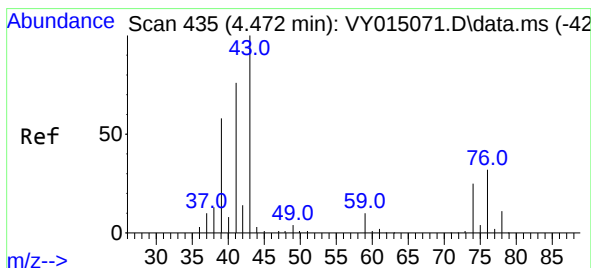
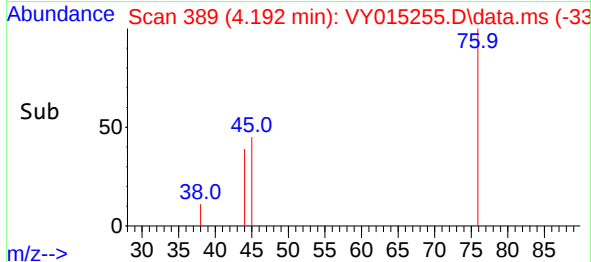
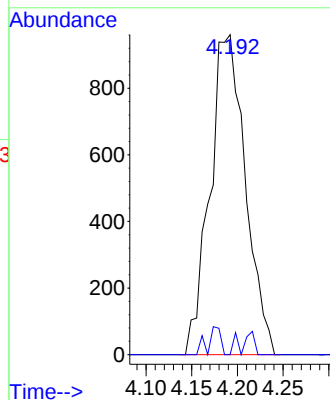
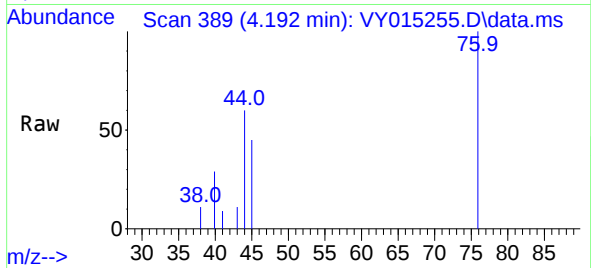




#17
Carbon Disulfide
Concen: 1.683 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

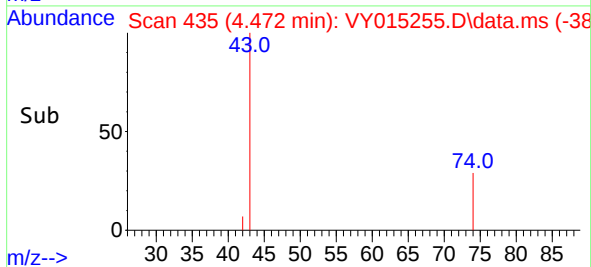
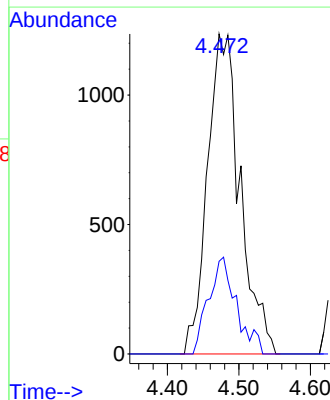
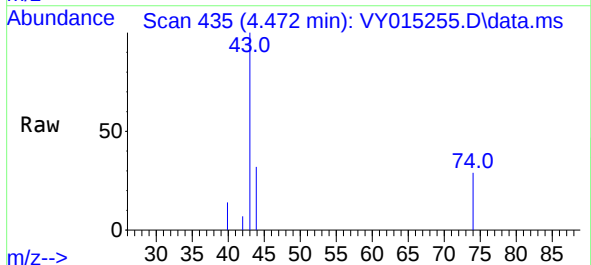
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)

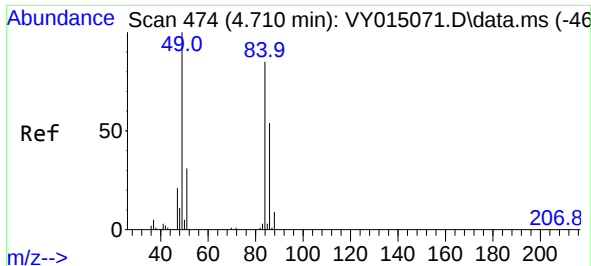
Tgt Ion: 76 Resp: 2596
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 2.170 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0



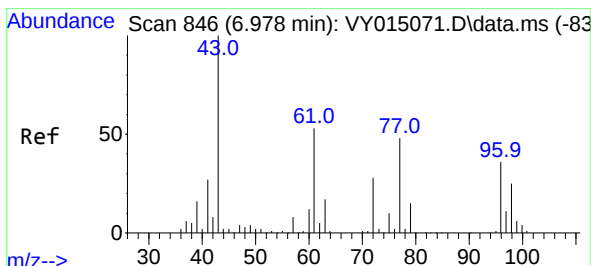
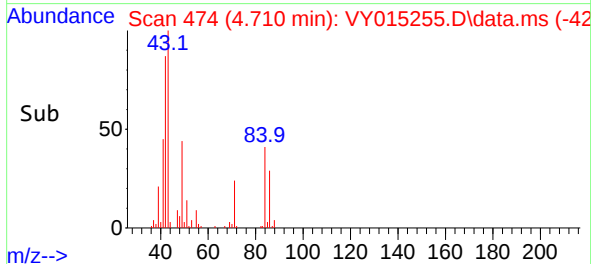
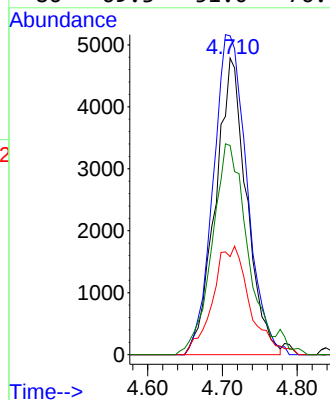
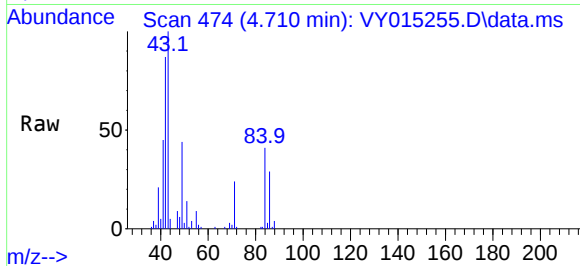


#20
Methylene Chloride
Concen: 8.063 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)

Tgt Ion: 84 Resp: 13844

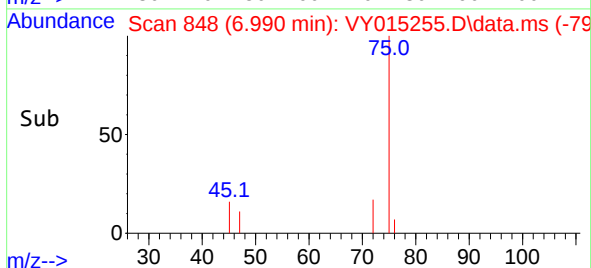
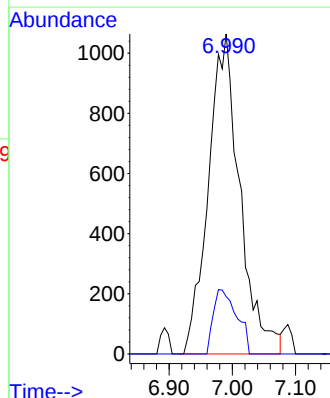
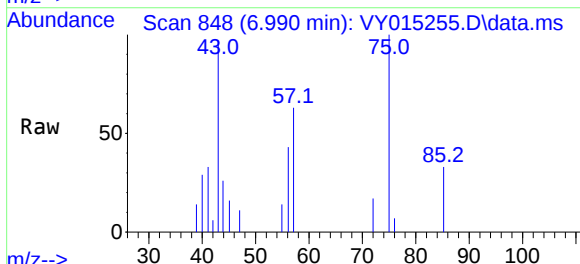
Ion	Ratio	Lower	Upper
84	100		
49	107.6	106.9	160.3
51	33.1	33.2	49.8#
86	69.3	51.0	76.6

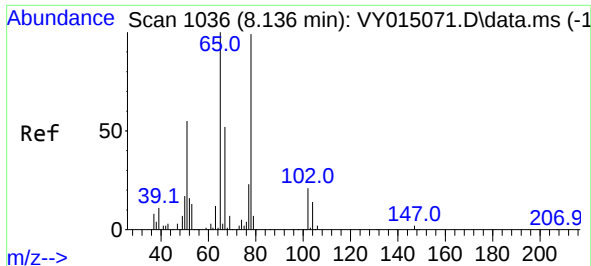


#25
2-Butanone
Concen: 5.256 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 43 Resp: 3677

Ion	Ratio	Lower	Upper
43	100		
72	18.0	20.5	30.7#

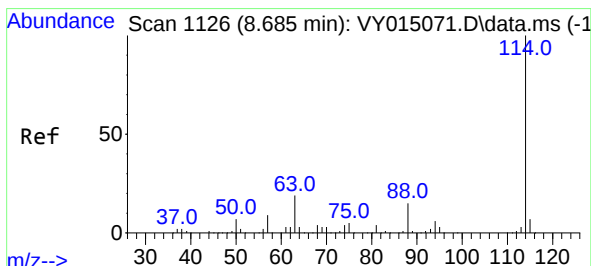
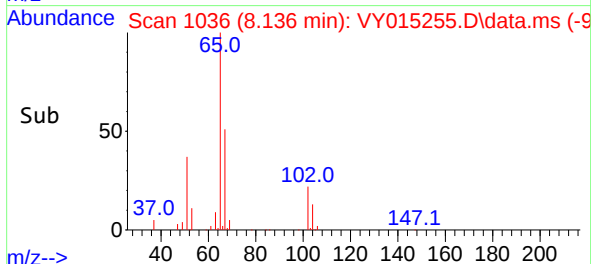
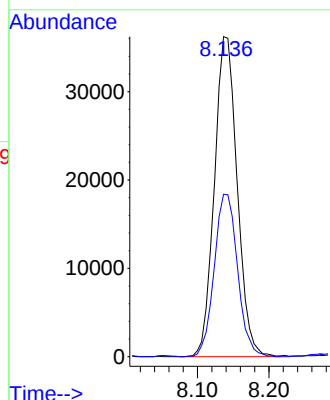
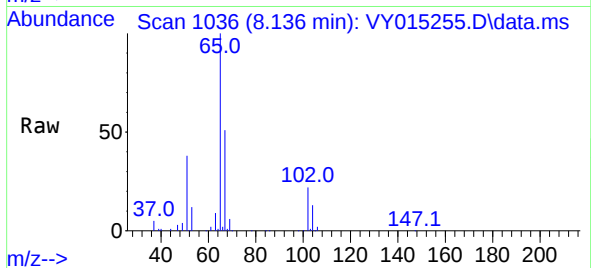




#33
1,2-Dichloroethane-d4
Concen: 53.091 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

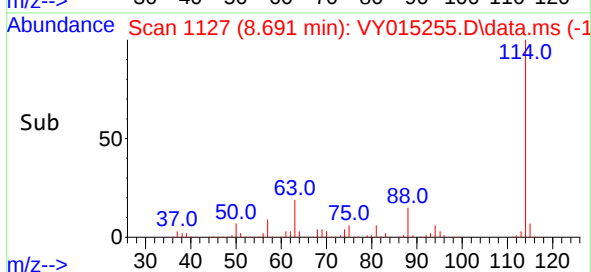
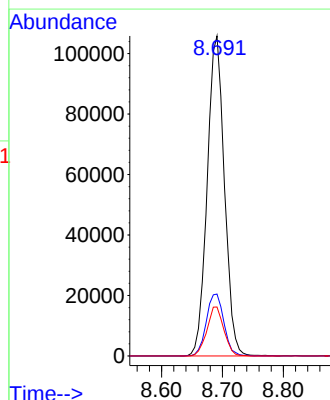
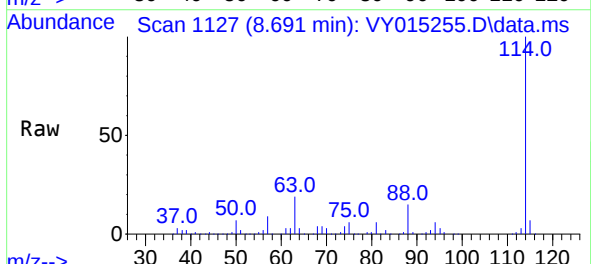
Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)

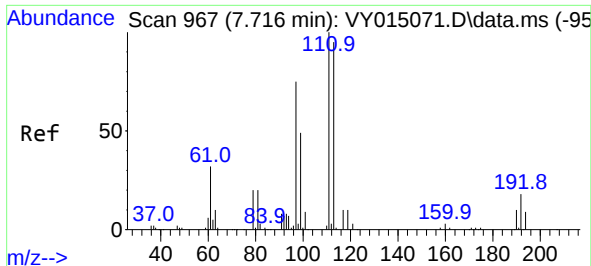
Tgt Ion: 65 Resp: 80297
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 114 Resp: 207724
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.3 0.0 30.6

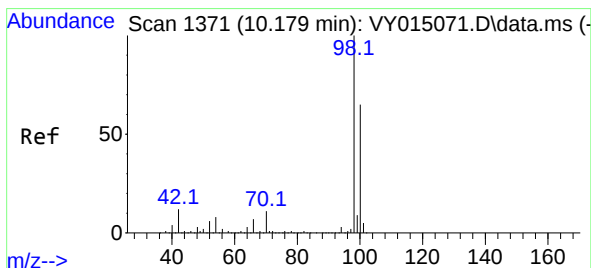
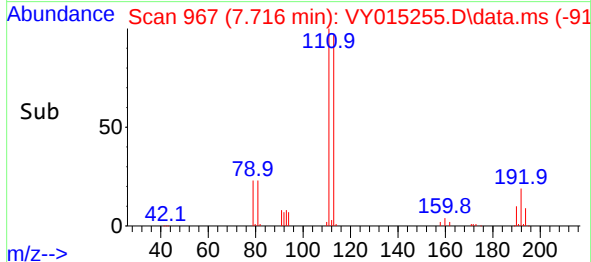
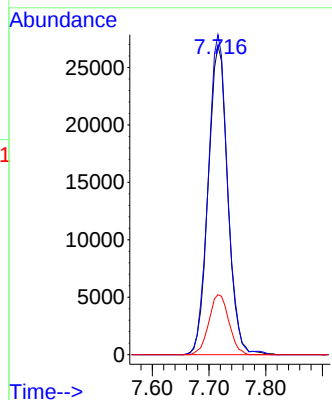
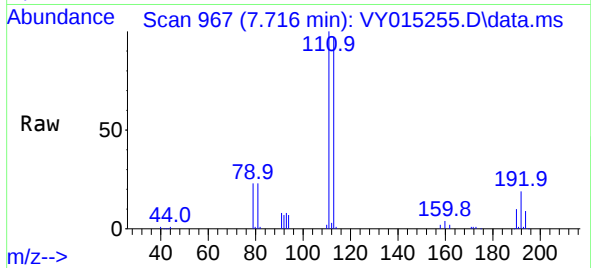




#35
Dibromofluoromethane
Concen: 48.018 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

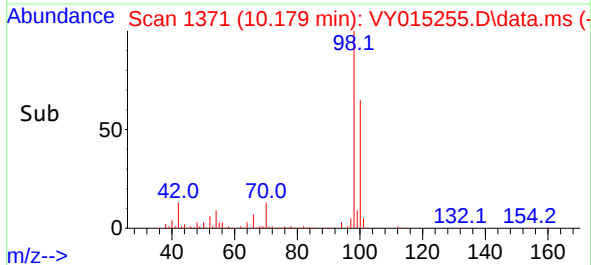
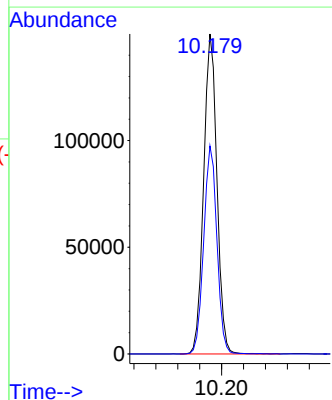
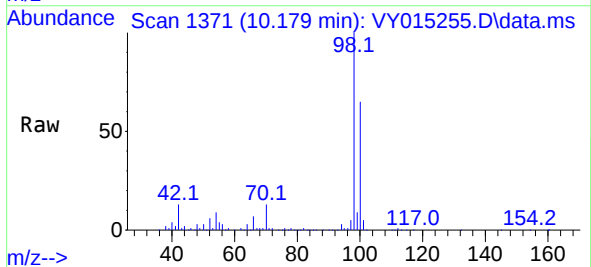
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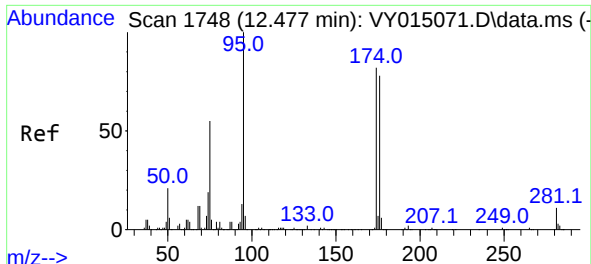
Tgt Ion:113 Resp: 64169
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 50.535 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 98 Resp: 251394
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

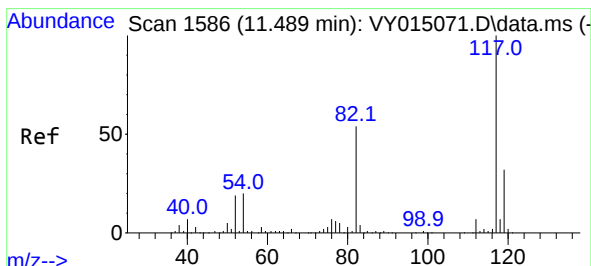
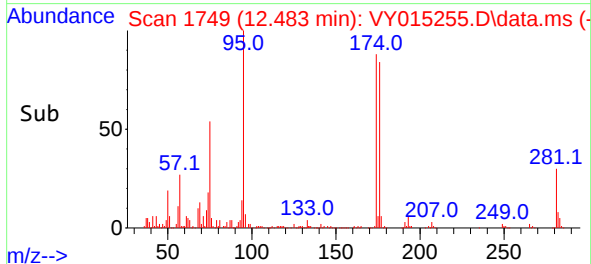
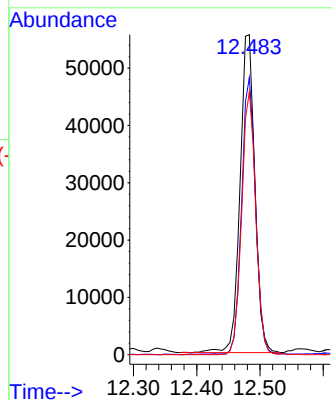
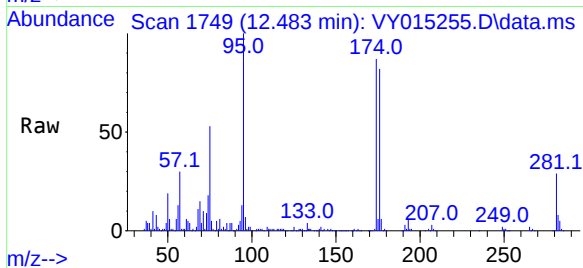




#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

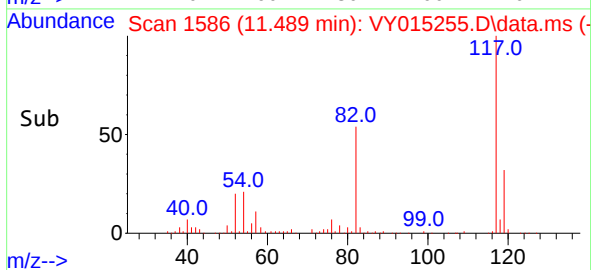
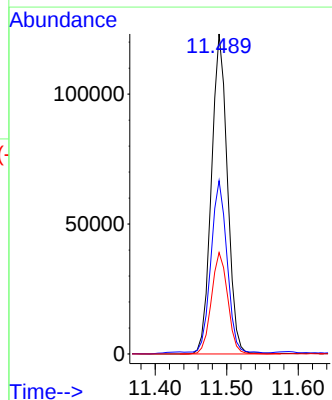
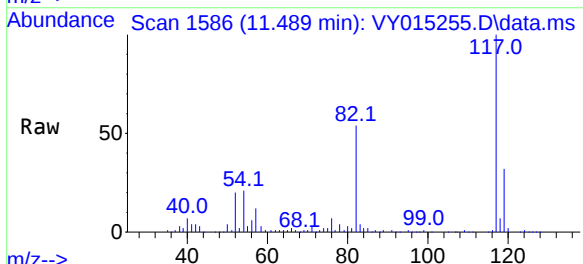
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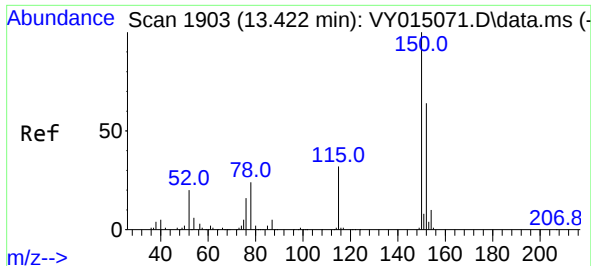
Tgt Ion: 95 Resp: 90548
Ion Ratio Lower Upper
95 100
174 81.7 0.0 178.2
176 78.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015255.D
Acq: 22 Aug 2023 19:24

Tgt Ion: 117 Resp: 191296
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015255.D

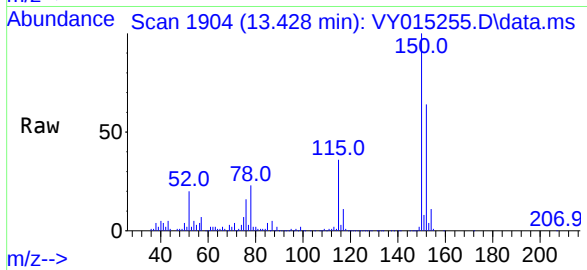
Acq: 22 Aug 2023 19:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-01(6-7)



Tgt Ion:152 Resp: 93557

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.3 0.0 348.8

