

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015275.D
 Acq On : 23 Aug 2023 03:46
 Operator : SY/MD
 Sample : 04110-18
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26(1-2)

Quant Time: Aug 23 05:01:10 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)

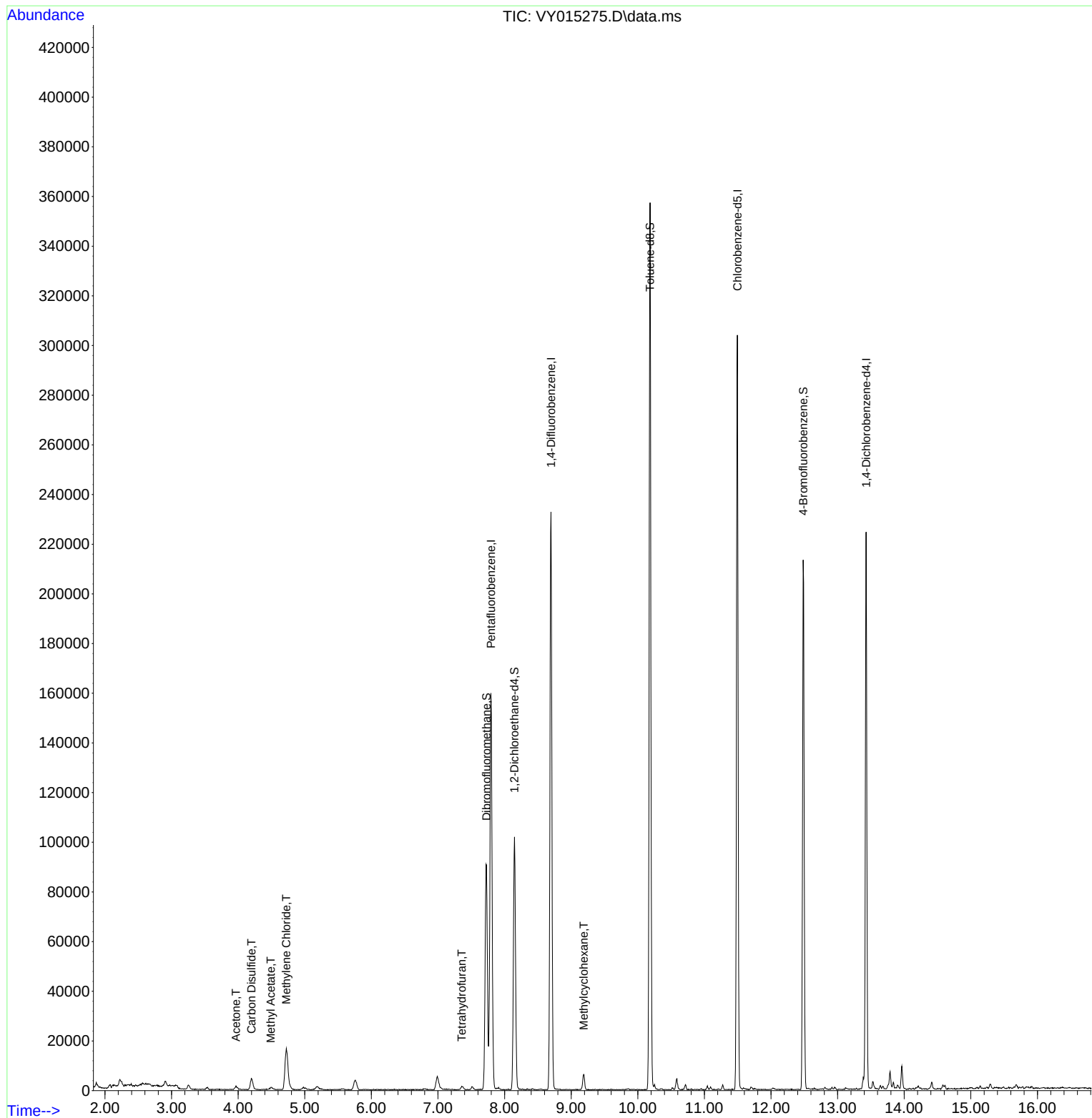
Internal Standards						
1) Pentafluorobenzene	7.795	168	122877	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	199800	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	163957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79428	53.849	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.728	113	65300	50.802	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.185	98	234003	48.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.483	95	59829	34.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.967	43	1908	3.960	ug/l #	84
17) Carbon Disulfide	4.198	76	9273	6.162	ug/l	98
18) Methyl Acetate	4.491	43	2054	1.163	ug/l	92
20) Methylene Chloride	4.722	84	12585	7.194	ug/l #	81
29) Tetrahydrofuran	7.356	42	1115	2.733	ug/l	100
39) Methylcyclohexane	9.191	83	2721	1.707	ug/l #	77

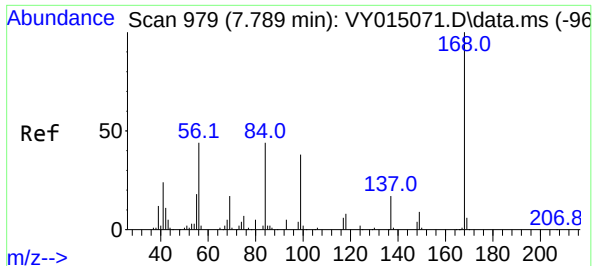
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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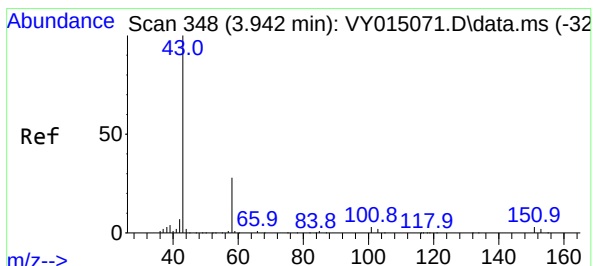
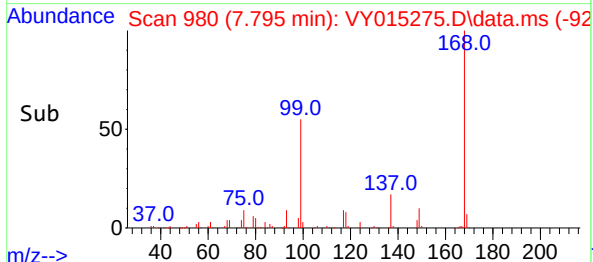
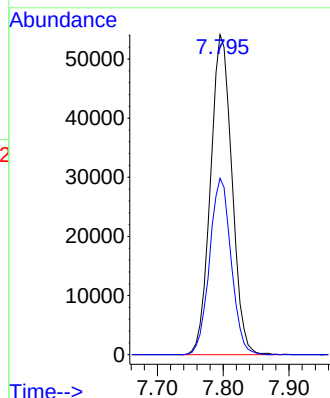
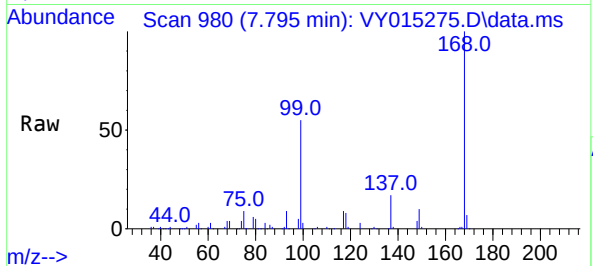




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

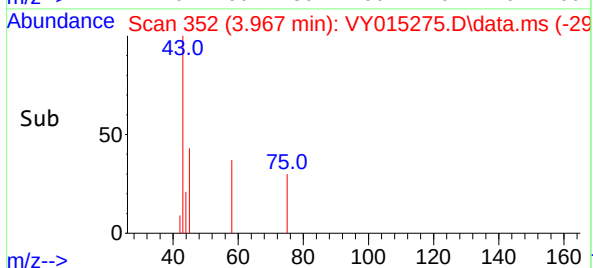
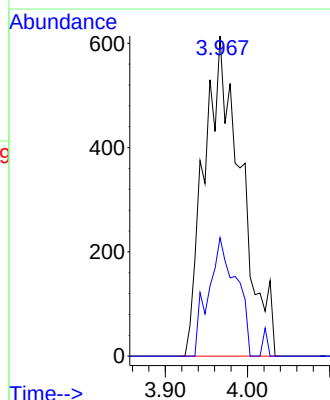
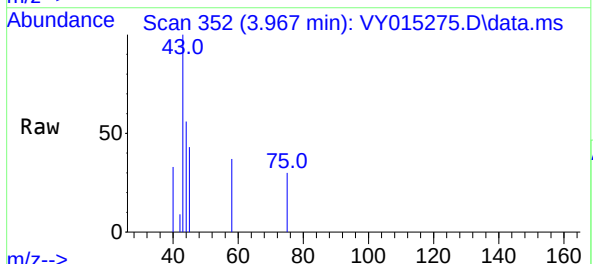
Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)

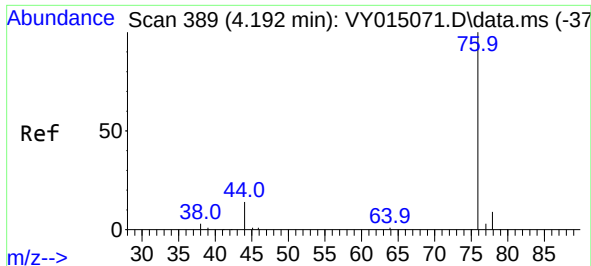
Tgt Ion:168 Resp: 122877
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#16
Acetone
Concen: 3.960 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 37.0 22.7 34.1#

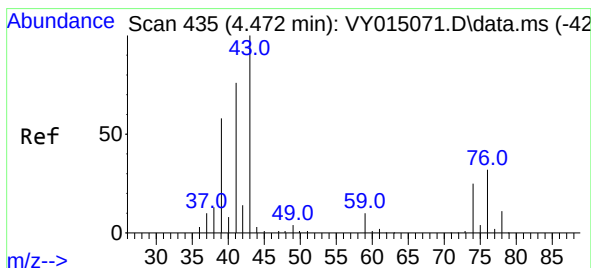
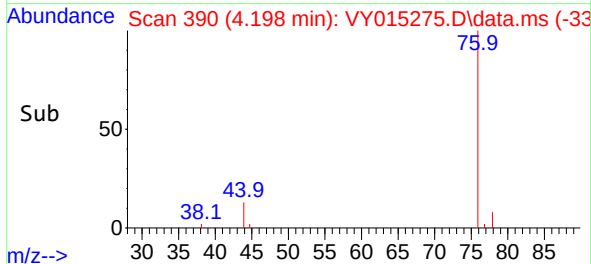
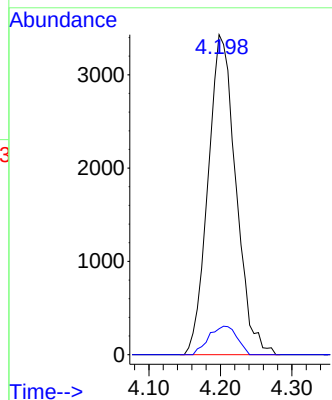
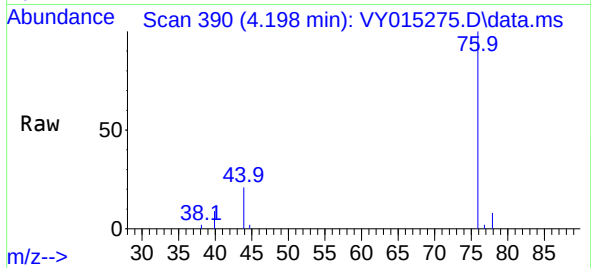




#17
Carbon Disulfide
Concen: 6.162 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

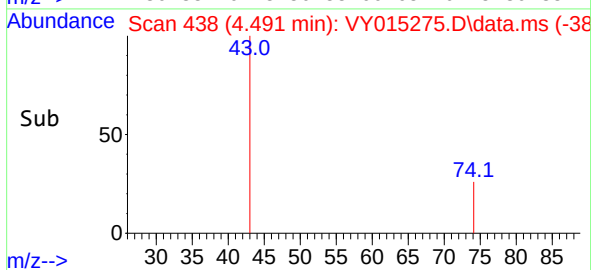
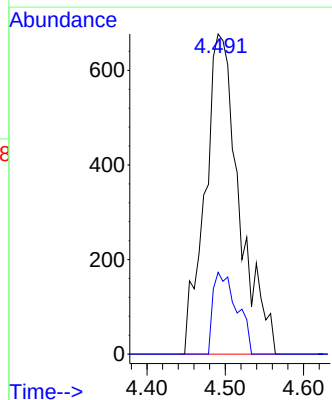
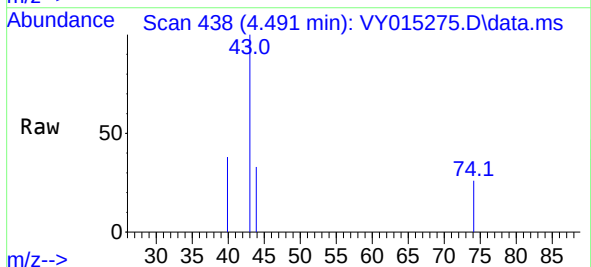
Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)

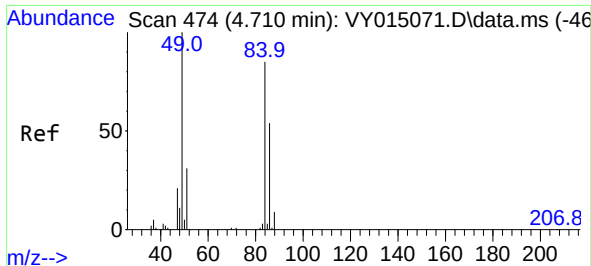
Tgt Ion: 76 Resp: 9273
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 1.163 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
74 17.7 17.4 26.0

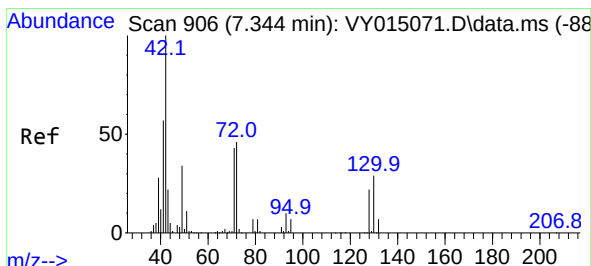
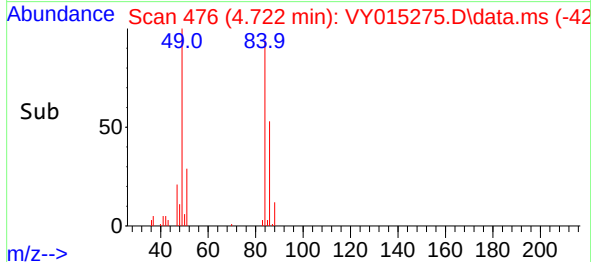
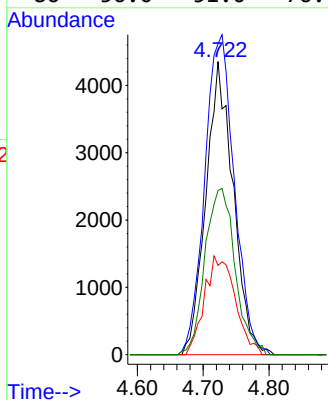
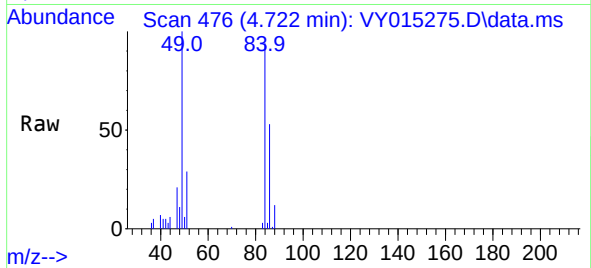




#20
Methylene Chloride
Concen: 7.194 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

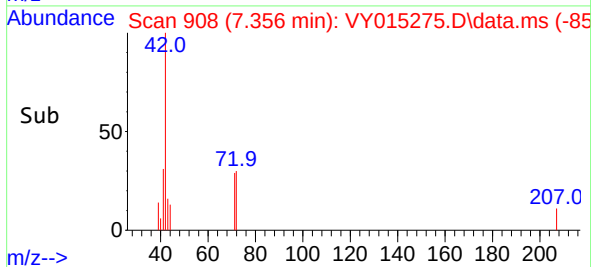
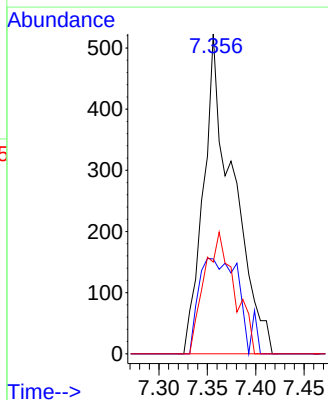
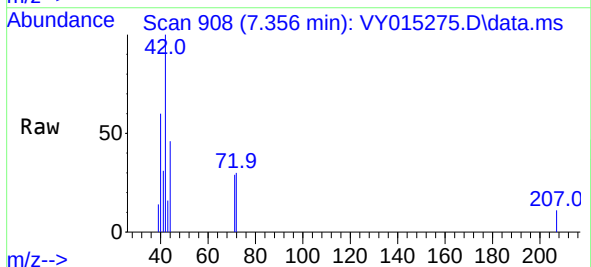
Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)

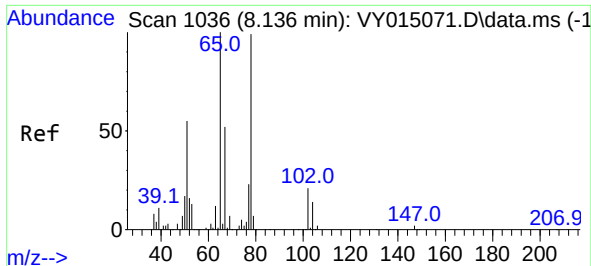
Tgt Ion: 84 Resp: 12585
Ion Ratio Lower Upper
84 100
49 106.2 106.9 160.3#
51 30.4 33.2 49.8#
86 56.0 51.0 76.6



#29
Tetrahydrofuran
Concen: 2.733 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion: 42 Resp: 1115
Ion Ratio Lower Upper
42 100
72 40.6 32.8 49.2
71 38.7 31.0 46.4

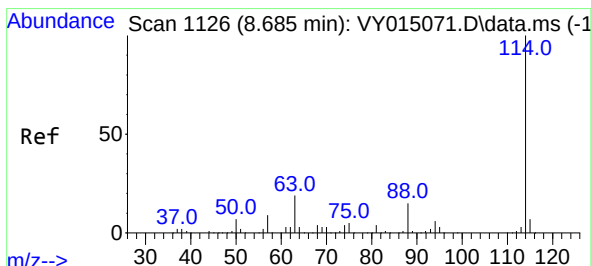
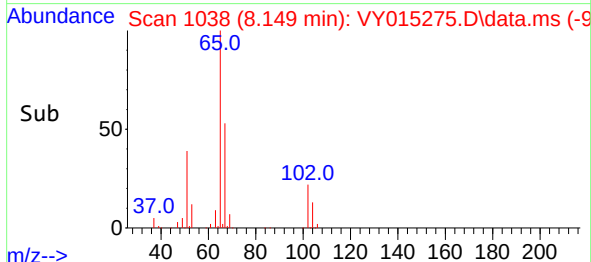
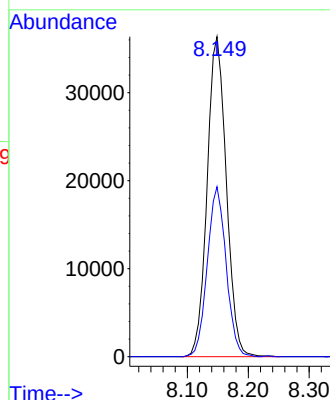
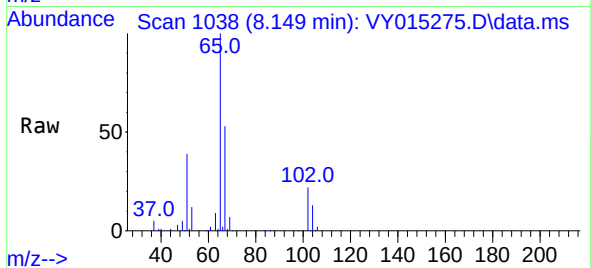




#33
 1,2-Dichloroethane-d4
 Concen: 53.849 ug/l
 RT: 8.149 min Scan# 1036
 Delta R.T. 0.012 min
 Lab File: VY015275.D
 Acq: 23 Aug 2023 03:46

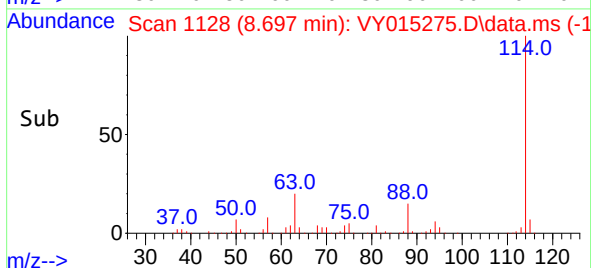
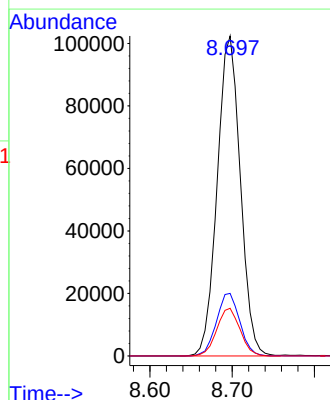
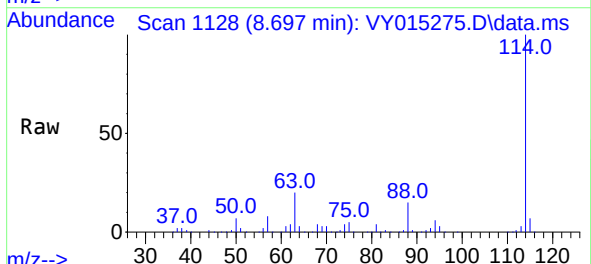
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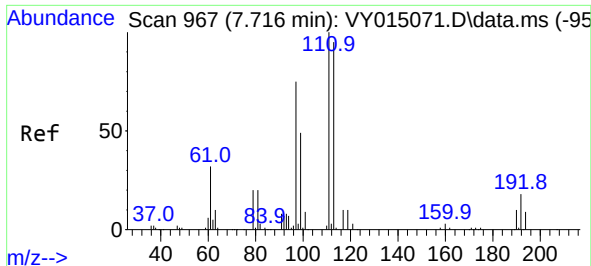
Tgt Ion: 65 Resp: 79428
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015275.D
 Acq: 23 Aug 2023 03:46

Tgt Ion: 114 Resp: 199800
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 14.9 0.0 30.6

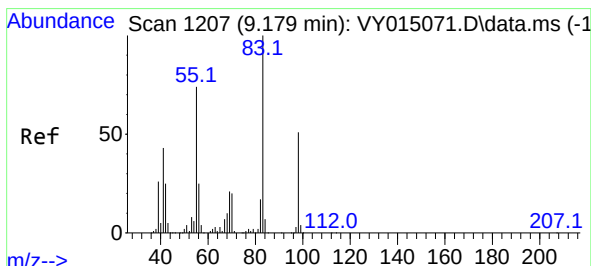
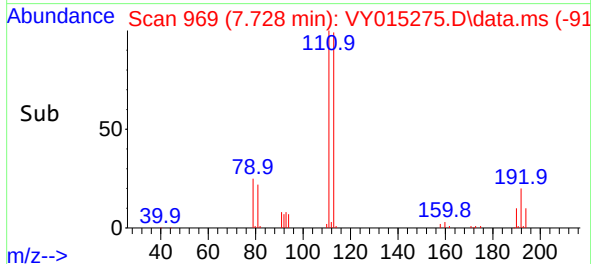
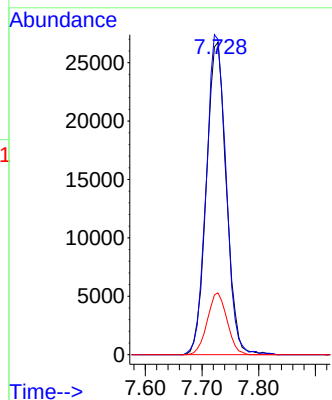
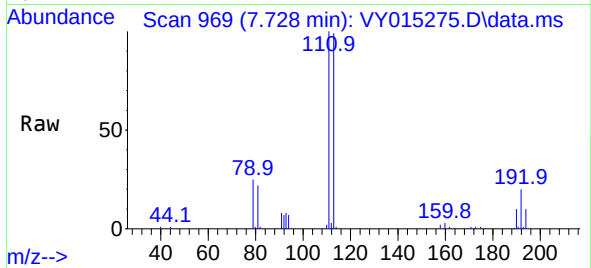




#35
Dibromofluoromethane
Concen: 50.802 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

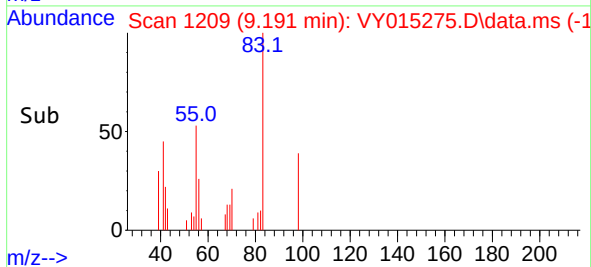
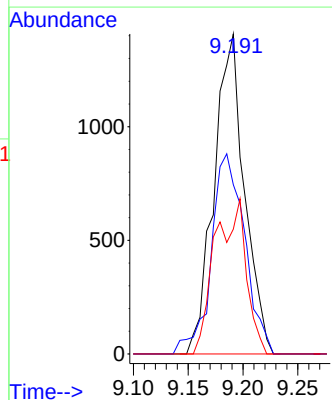
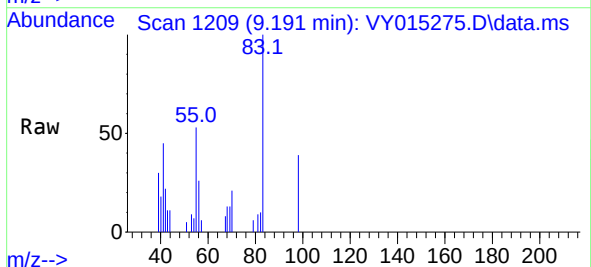
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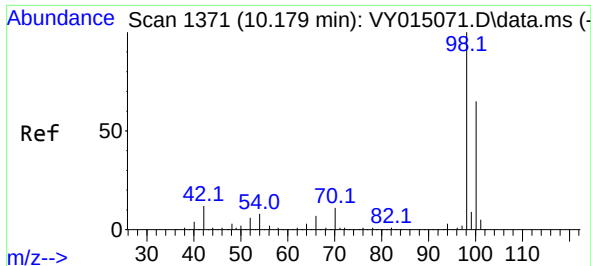
Tgt Ion:113 Resp: 65300
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.6 16.9 25.3



#39
Methylcyclohexane
Concen: 1.707 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.012 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion: 83 Resp: 2721
Ion Ratio Lower Upper
83 100
55 52.9 63.0 94.4#
98 39.0 37.4 56.2

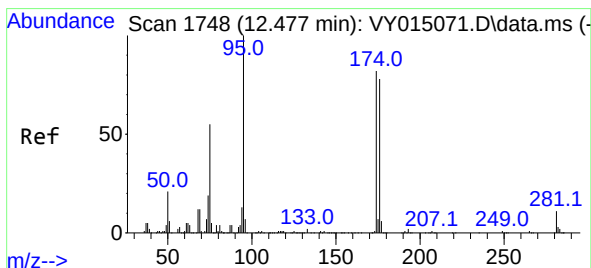
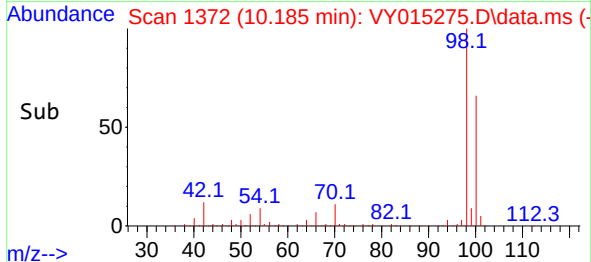
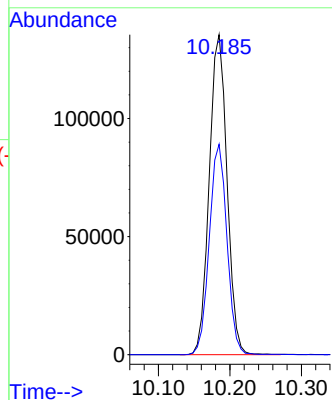
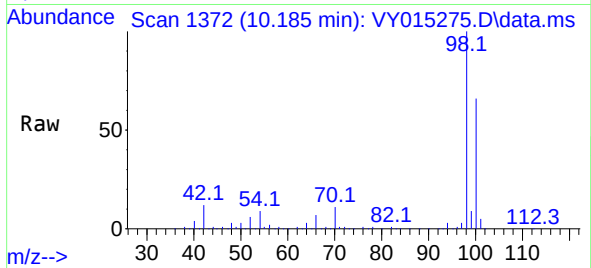




#50
Toluene-d8
Concen: 48.904 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

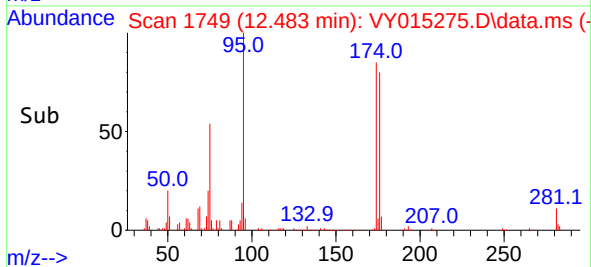
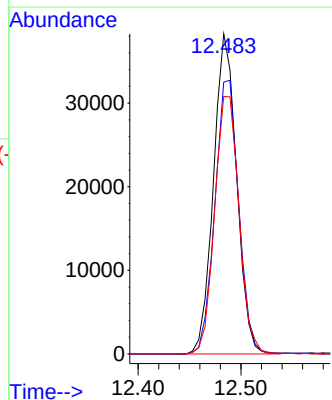
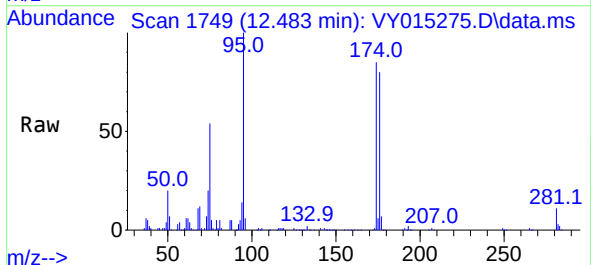
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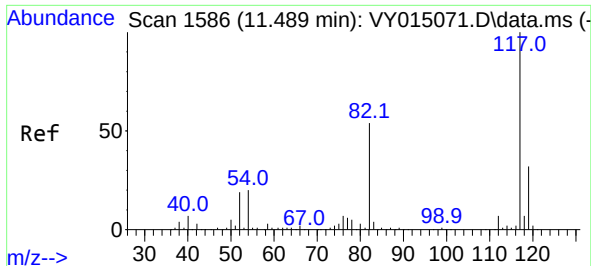
Tgt Ion: 98 Resp: 234003
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 34.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion: 95 Resp: 59829
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.2
176 84.7 0.0 173.8

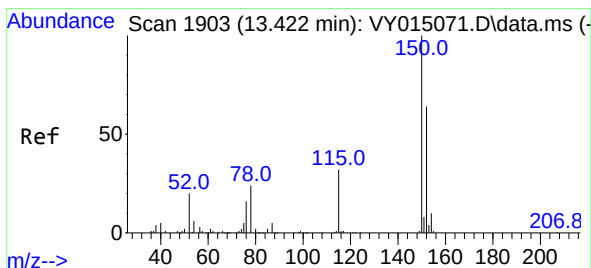
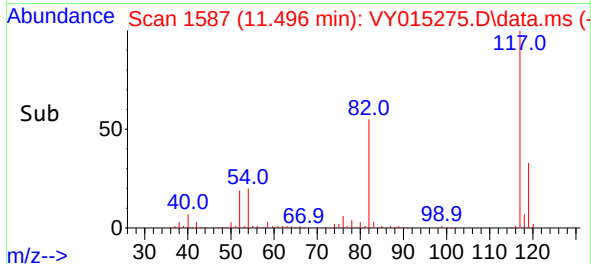
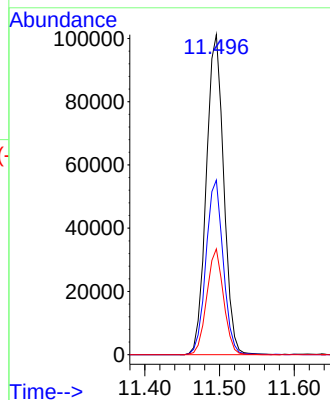
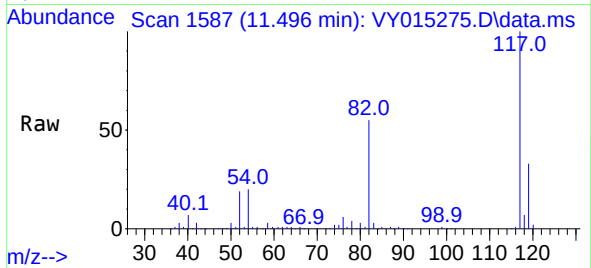




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015275.D
Acq: 23 Aug 2023 03:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)

Tgt Ion:117 Resp: 163957
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 33.1 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: VY015275.D
Acq: 23 Aug 2023 03:46

Tgt Ion:152 Resp: 55626
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 156.9 0.0 348.8

