

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015242.D
 Acq On : 22 Aug 2023 14:17
 Operator : SY/MD
 Sample : 04086-16
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP18B

Quant Time: Aug 22 15:13:38 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)

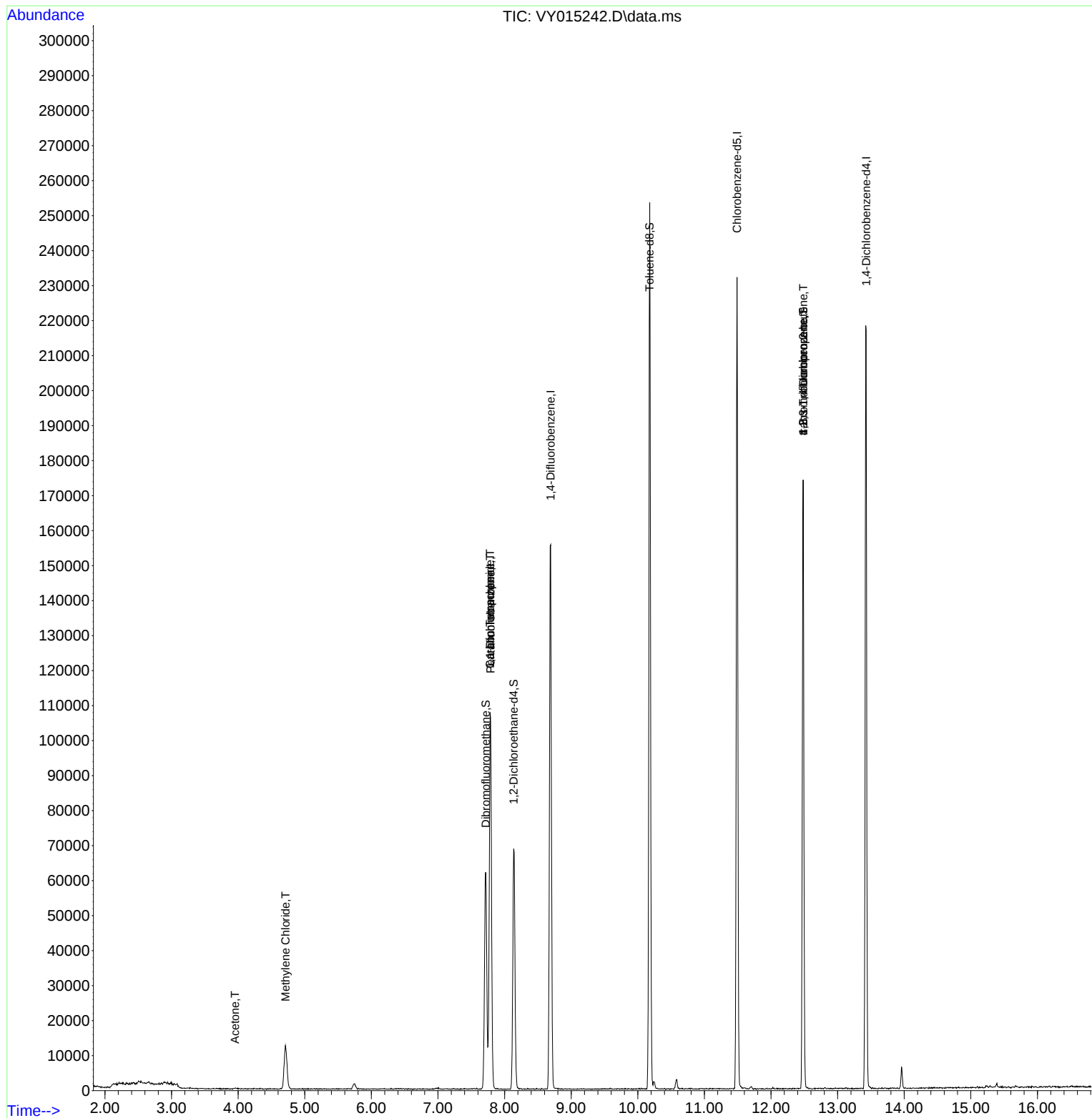
Internal Standards						
1) Pentafluorobenzene	7.789	168	84819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55118	54.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.715	113	43642	49.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.178	98	163161	49.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.483	95	52229	43.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	23	Below Cal	#	43
3) Chloromethane	2.107	50	228	Below Cal		90
5) Bromomethane	2.661	94	179	Below Cal	#	61
16) Acetone	3.954	43	470	1.413	ug/l #	46
20) Methylene Chloride	4.710	84	9250	7.967	ug/l	90
31) Cyclohexane	7.782	56	1728	Below Cal	#	1
36) 1,1-Dichloropropene	7.782	75	6406	6.517	ug/l #	52
38) Carbon Tetrachloride	7.782	117	8783	7.550	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	27962	40.613	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27962	89.206	ug/l #	11

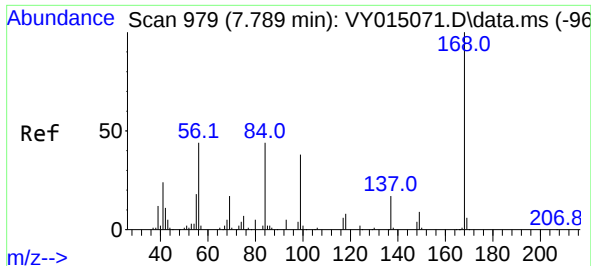
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

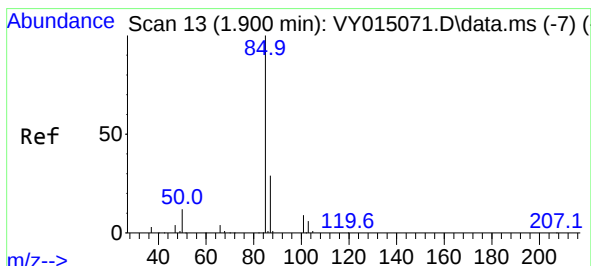
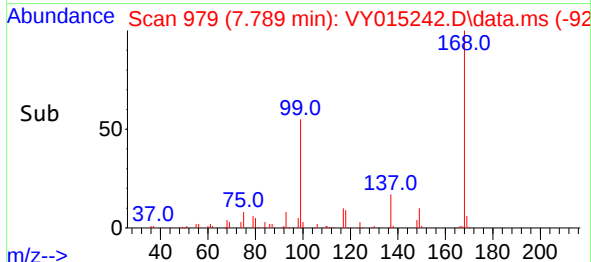
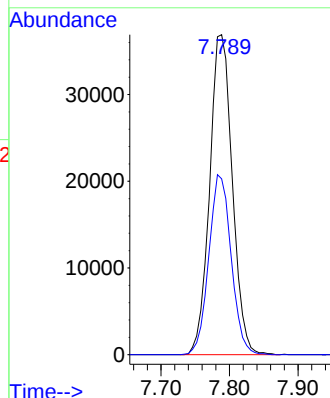
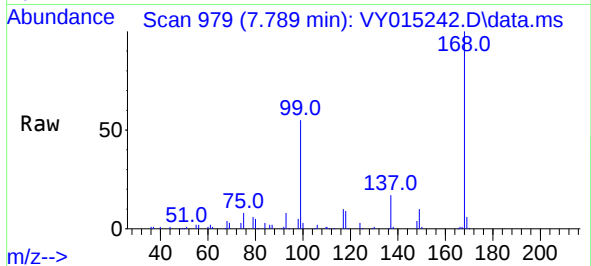




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

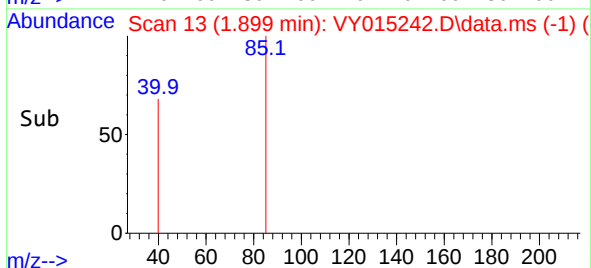
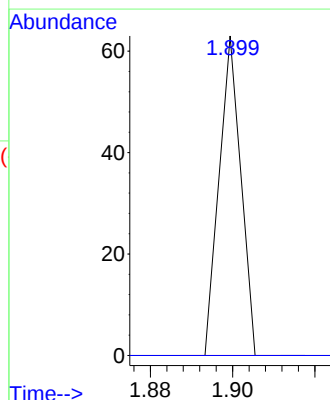
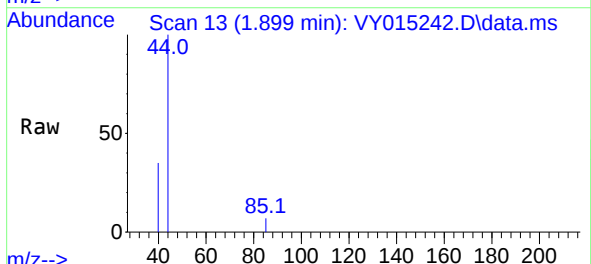
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

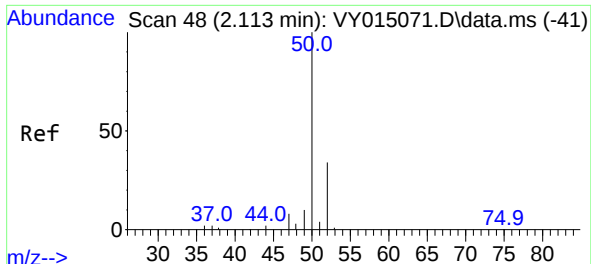
Tgt Ion:168 Resp: 84819
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

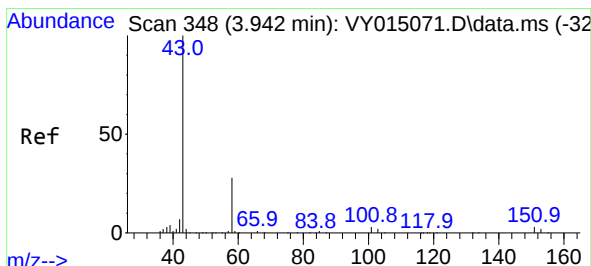
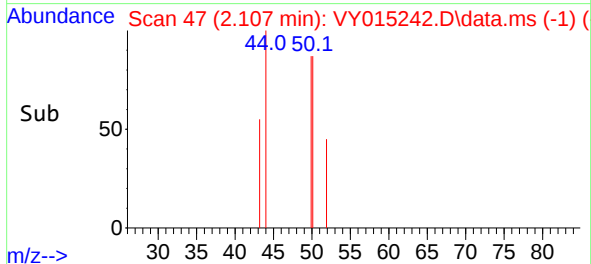
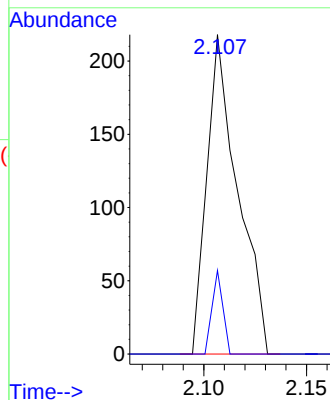
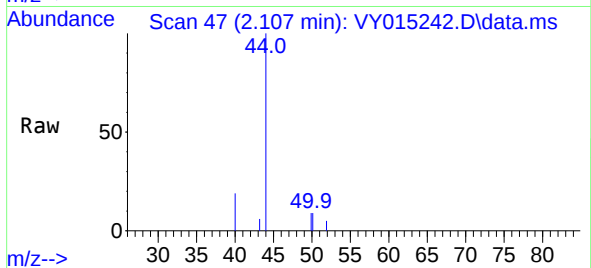




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

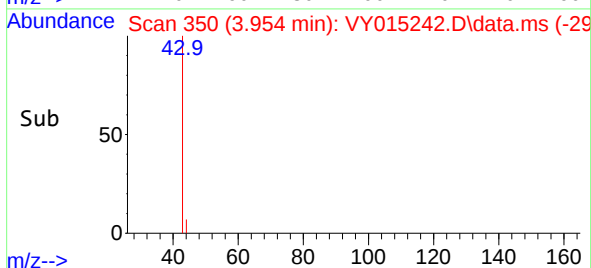
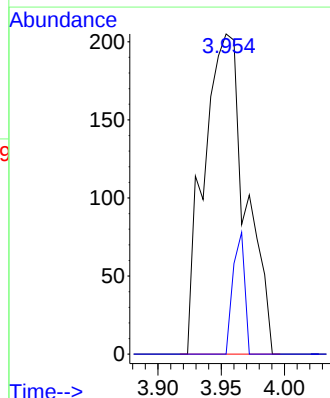
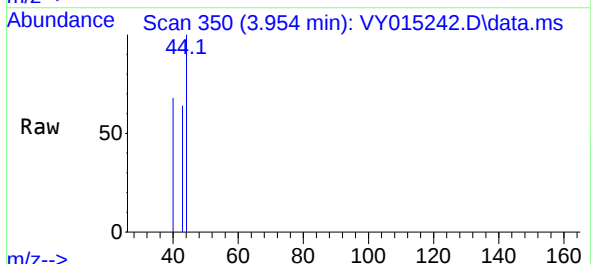
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

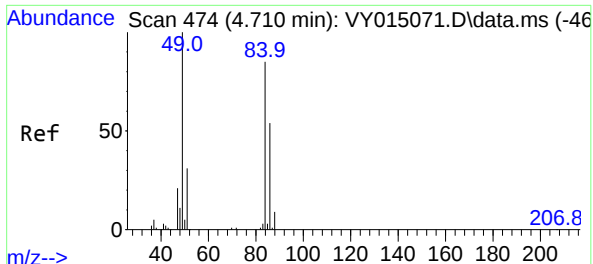
Tgt Ion: 50 Resp: 228
Ion Ratio Lower Upper
50 100
52 26.1 25.4 38.2



#16
Acetone
Concen: 1.413 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



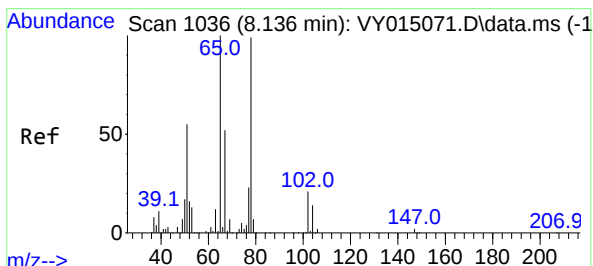
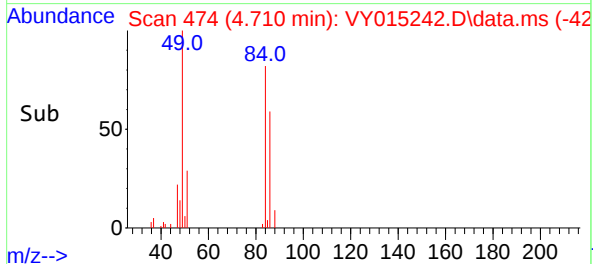
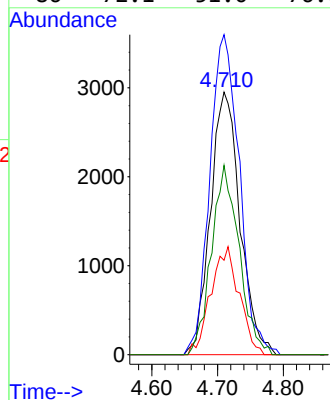
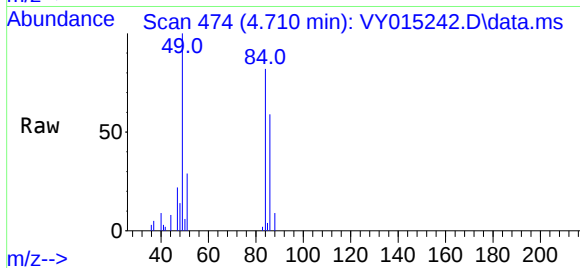


#20
Methylene Chloride
Concen: 7.967 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

Tgt Ion: 84 Resp: 9250

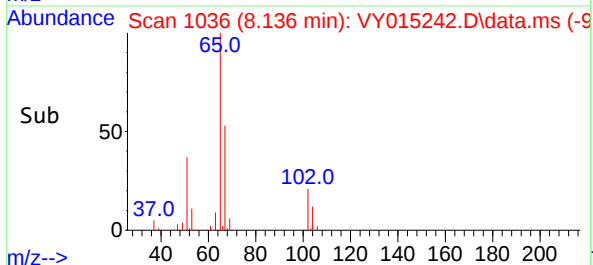
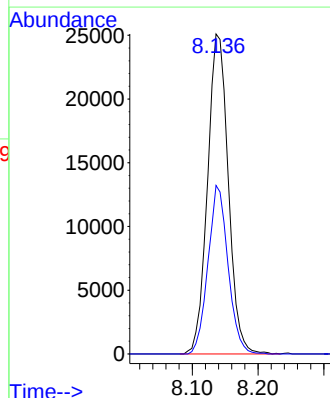
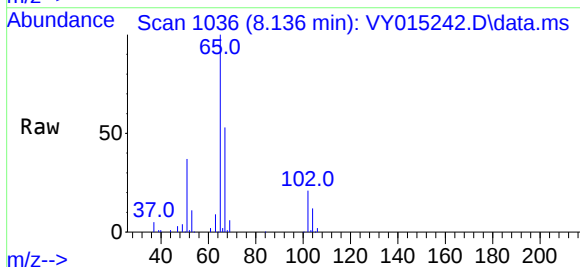
Ion	Ratio	Lower	Upper
84	100		
49	121.8	106.9	160.3
51	35.9	33.2	49.8
86	72.1	51.0	76.6

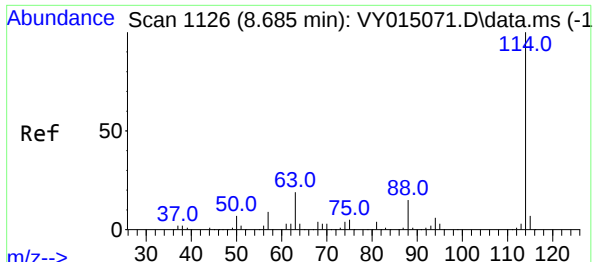


#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 65 Resp: 55118

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.8

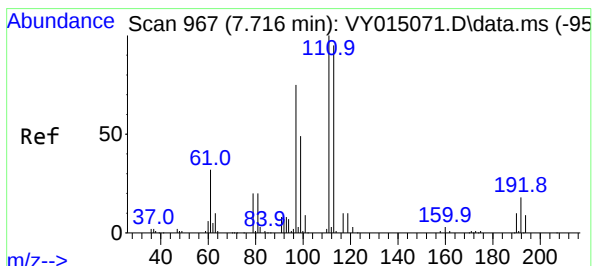
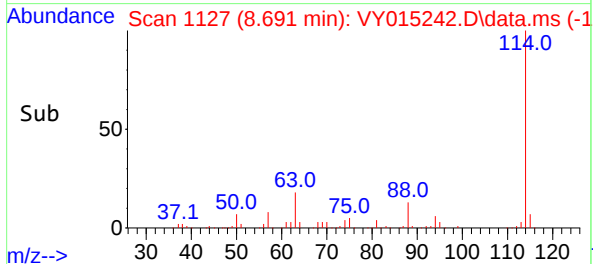
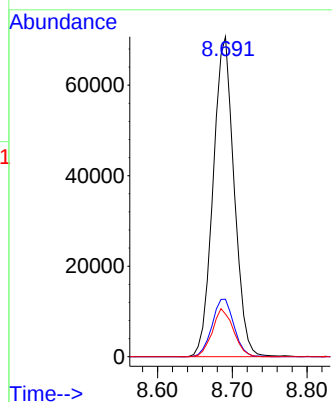
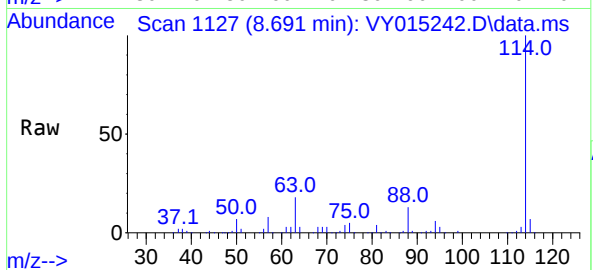




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

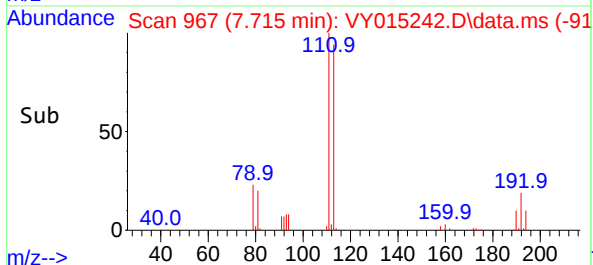
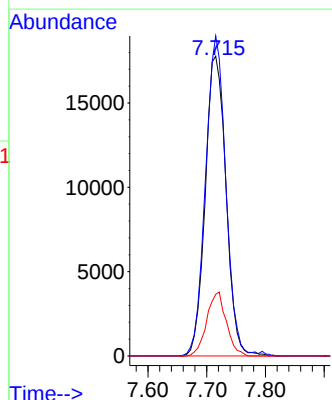
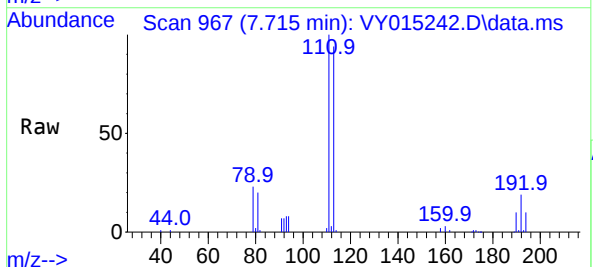
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

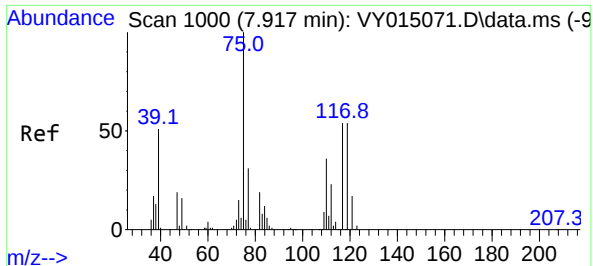
Tgt Ion:114 Resp: 138099
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.4
88 13.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion:113 Resp: 43642
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 20.1 16.9 25.3

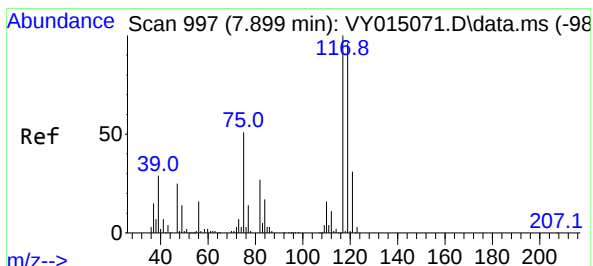
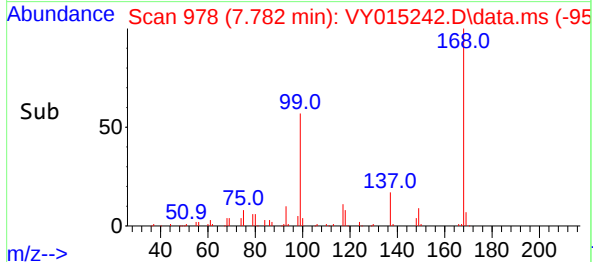
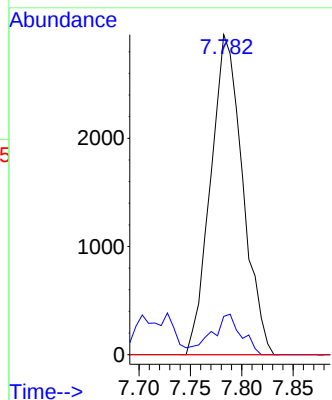
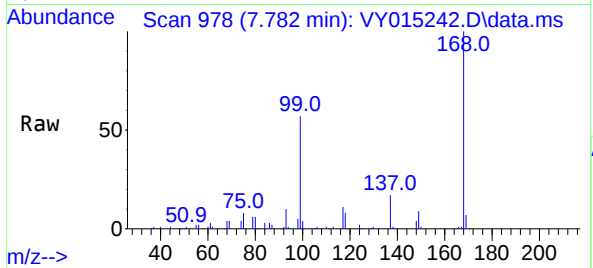




#36
1,1-Dichloropropene
Concen: 6.517 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

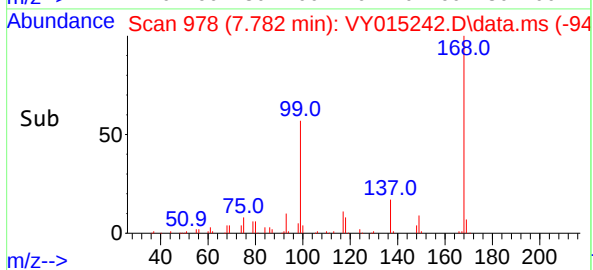
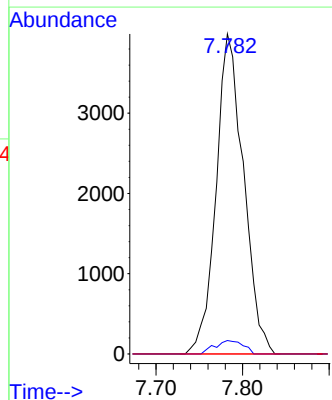
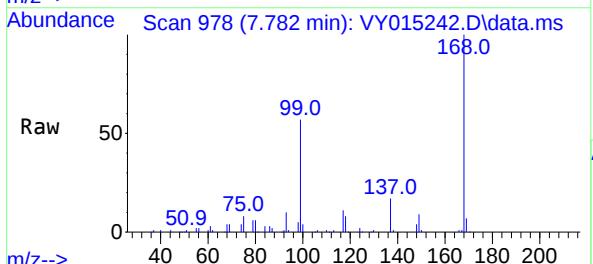
Instrument :
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ClientSampleId :
B-PP18B

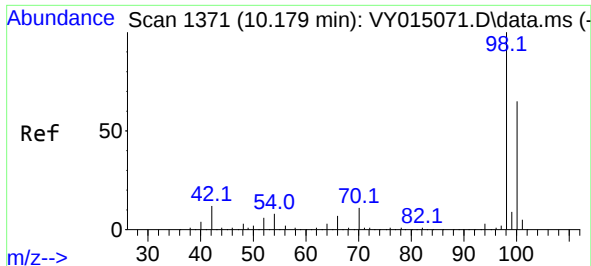
Tgt Ion: 75 Resp: 6406
Ion Ratio Lower Upper
75 100
110 11.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.550 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 117 Resp: 8783
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#

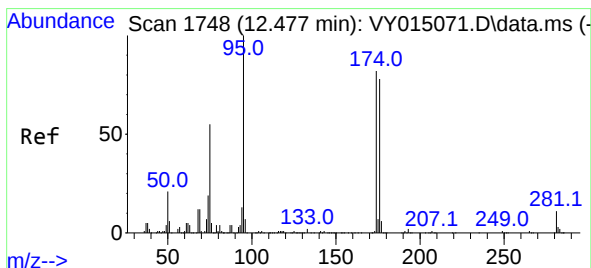
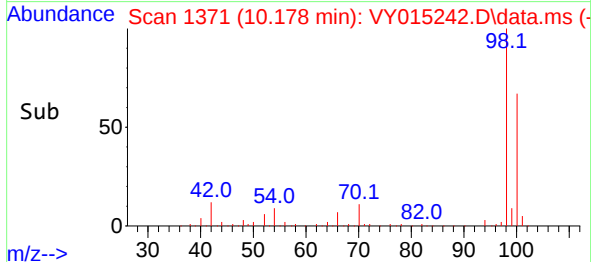
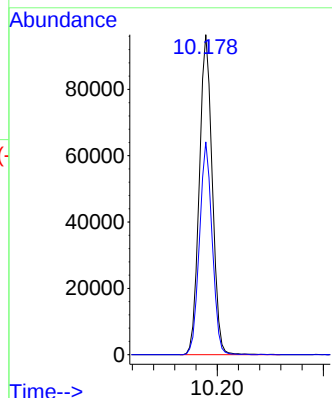
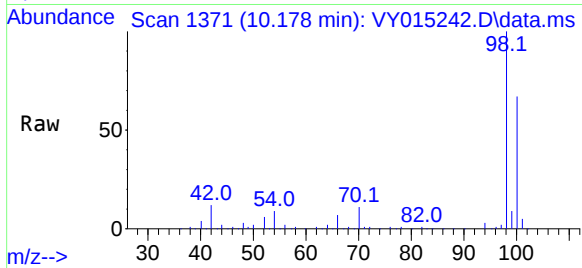




#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

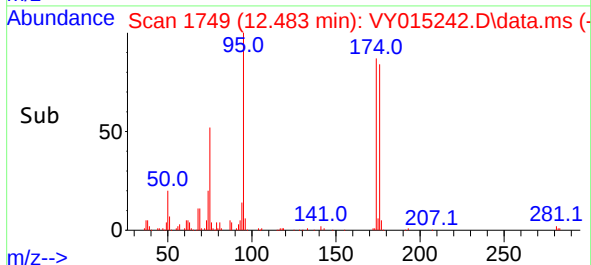
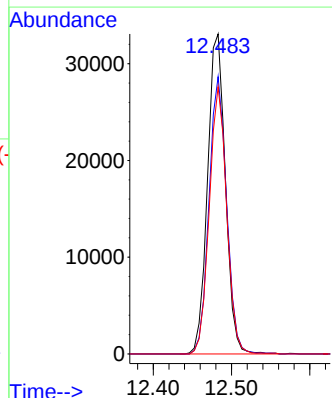
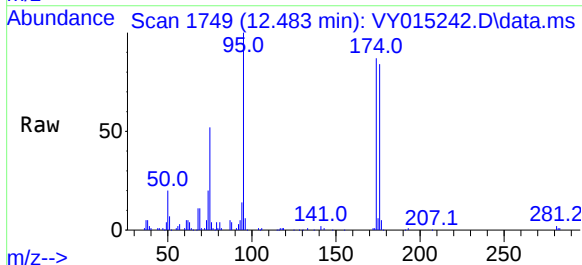
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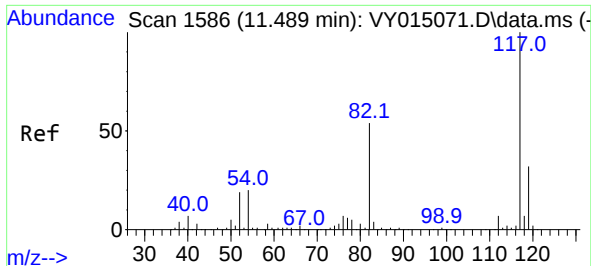
Tgt Ion: 98 Resp: 163161
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 95 Resp: 52229
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.6 0.0 173.8

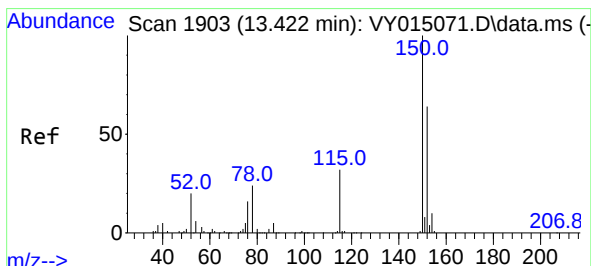
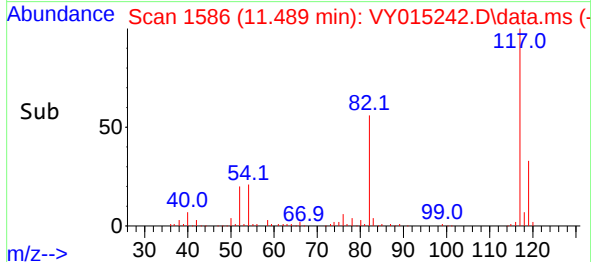
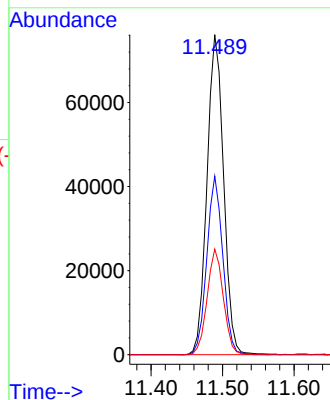
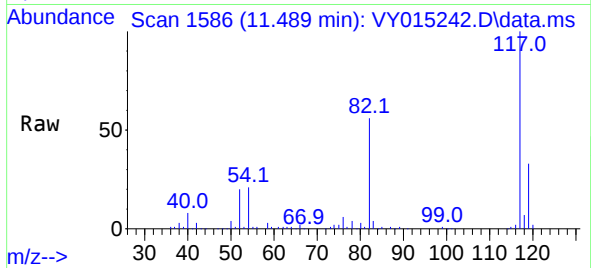




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

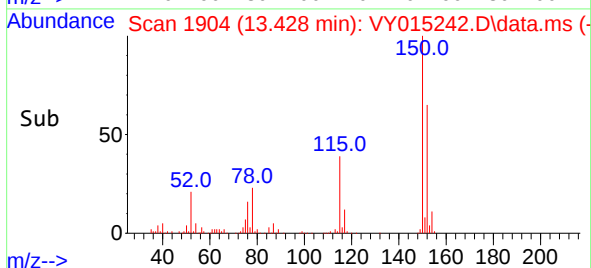
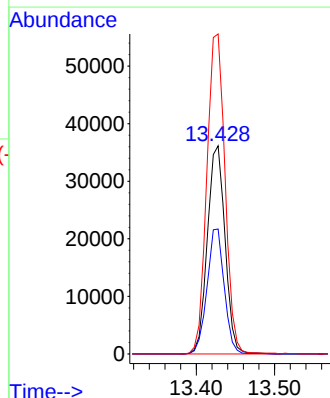
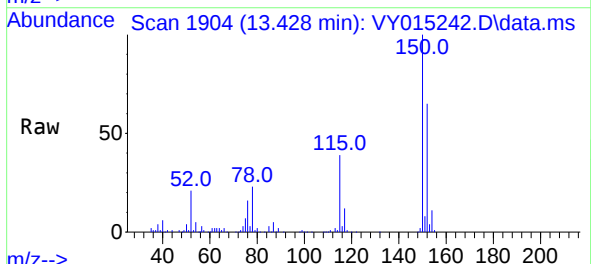
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

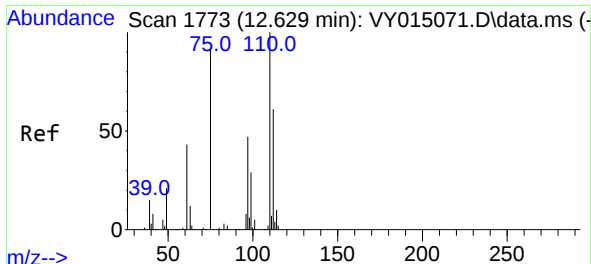
Tgt Ion:117 Resp: 122927
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion:152 Resp: 56670
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 158.0 0.0 348.8

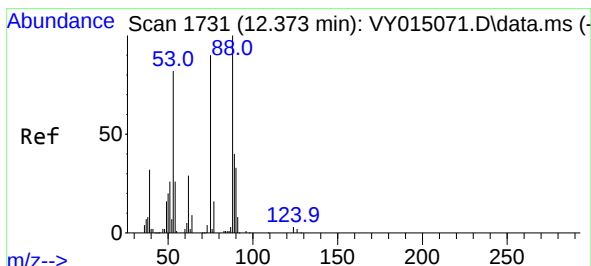
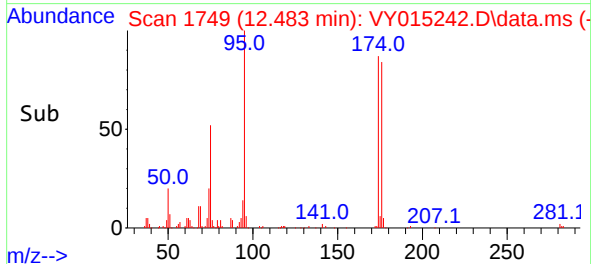
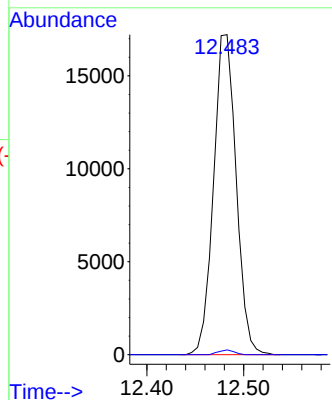
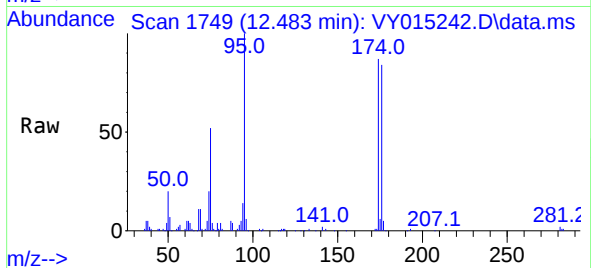




#76
1,2,3-Trichloropropane
Concen: 40.613 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

Tgt Ion: 75 Resp: 27962
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 75 Resp: 27962
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

