

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009530.D
 Acq On : 12 Jul 2022 14:17
 Operator : KP/MD
 Sample : N3622-09RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220498A-SIM-C4A-COMPOSITERE

Quant Time: Jul 13 01:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

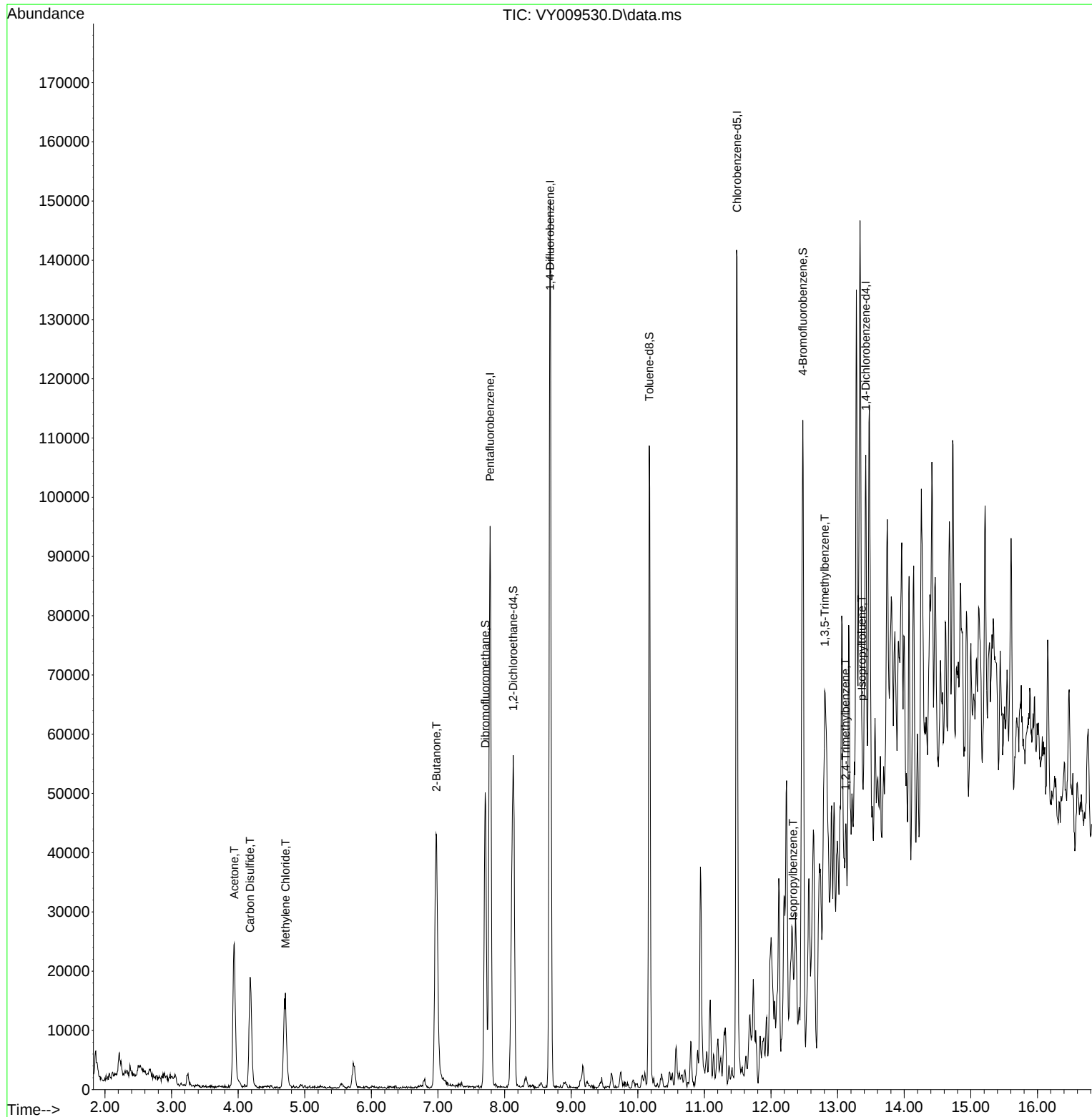
Internal Standards						
1) Pentafluorobenzene	7.783	168	73906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	32796	64.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.860%	
35) Dibromofluoromethane	7.710	113	34139	52.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.173	98	65897	34.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 68.520%#	
62) 4-Bromofluorobenzene	12.477	95	22267	24.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 48.320%#	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	41021	228.164	ug/l #	87
17) Carbon Disulfide	4.180	76	35272	20.425	ug/l	95
20) Methylene Chloride	4.710	84	10428	8.309	ug/l #	86
25) 2-Butanone	6.978	43	13872	47.696	ug/l #	90
73) Isopropylbenzene	12.331	105	1510	1.130	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	1438	1.288	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	3537	3.182	ug/l	98
86) p-Isopropyltoluene	13.367	119	6411	5.256	ug/l #	75

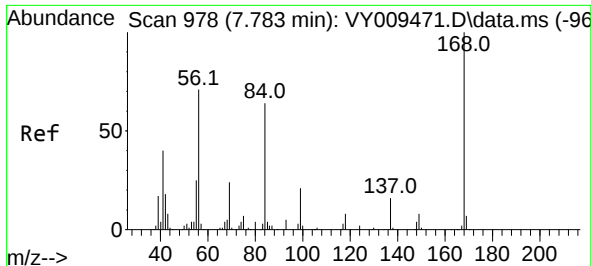
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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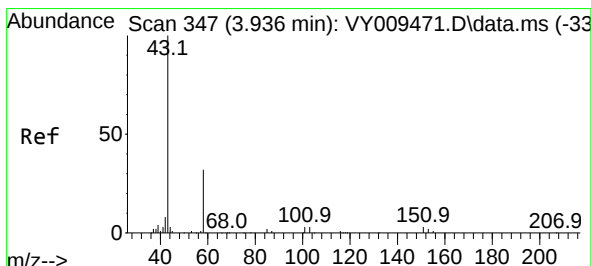
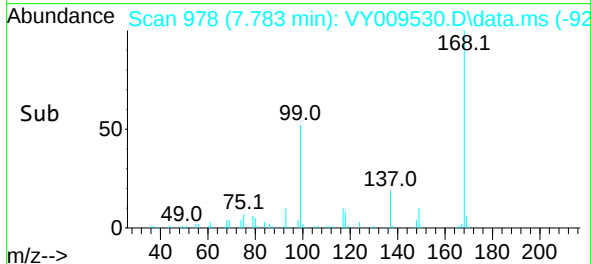
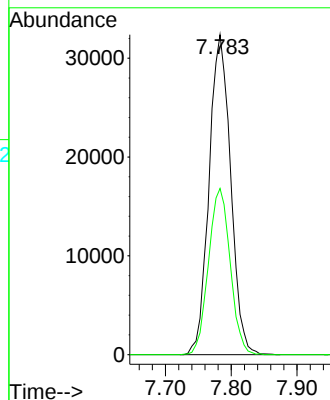
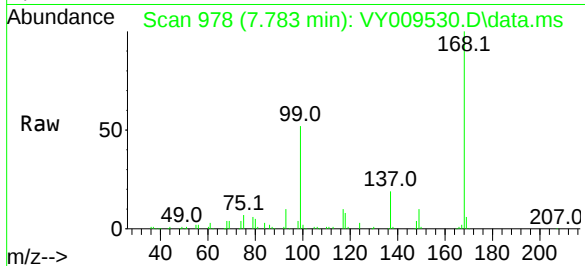




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

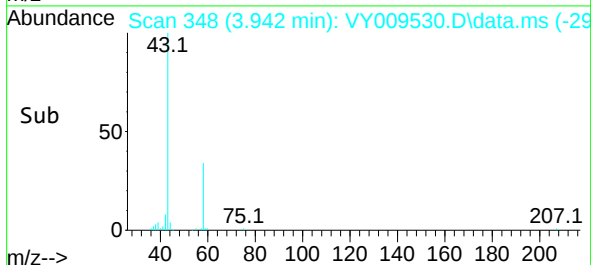
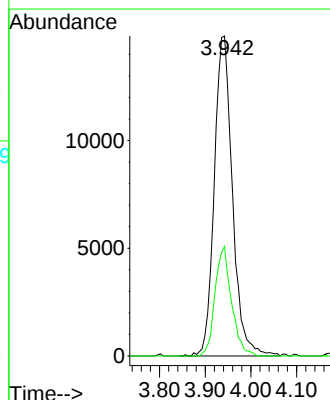
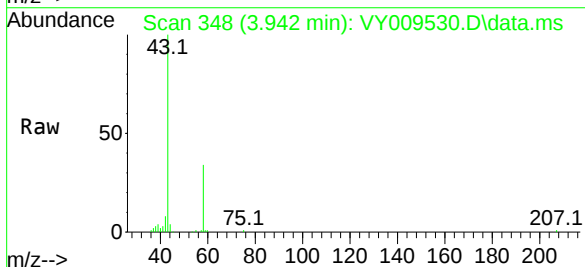
Instrument :
MSVOA_Y
ClientSampleId :
20220498A-SIM-C4A-COMPOSITE

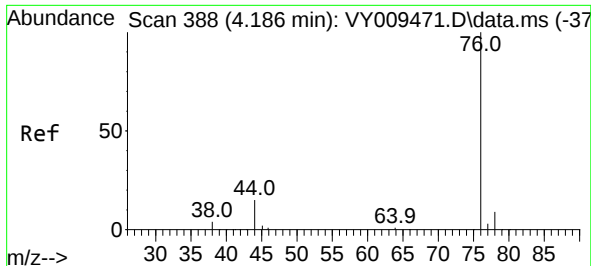
Tgt Ion:168 Resp: 73906
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 228.164 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion: 43 Resp: 41021
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

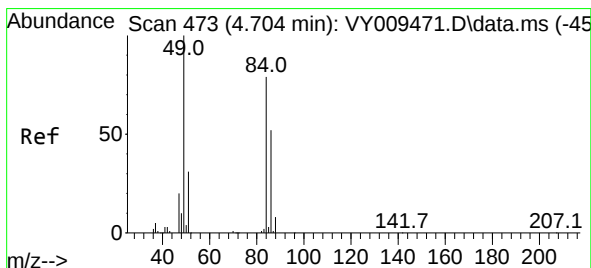
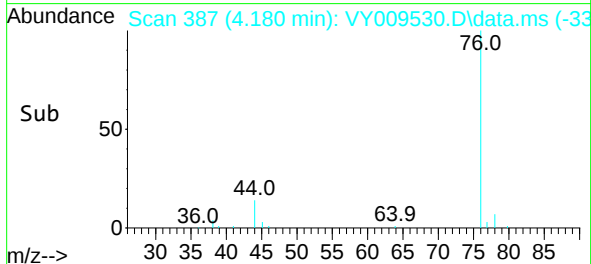
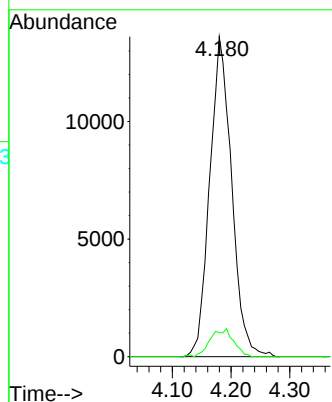
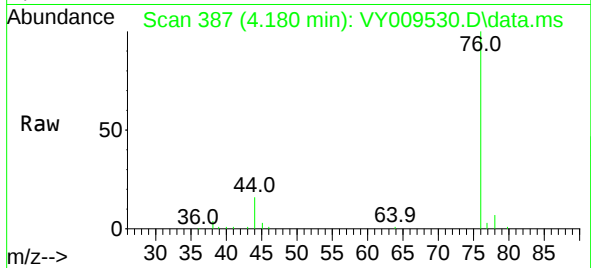




#17
Carbon Disulfide
Concen: 20.425 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

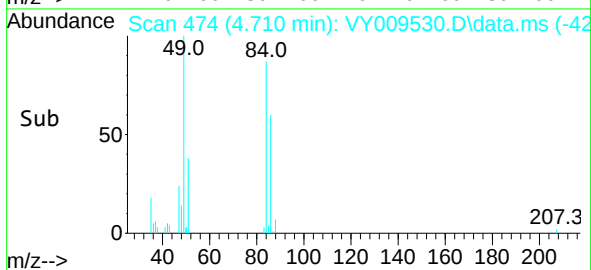
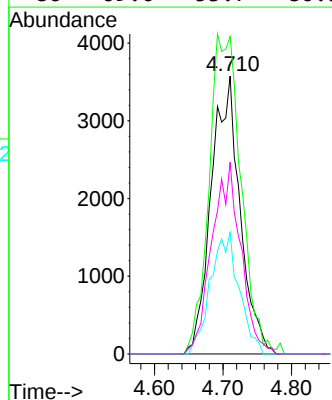
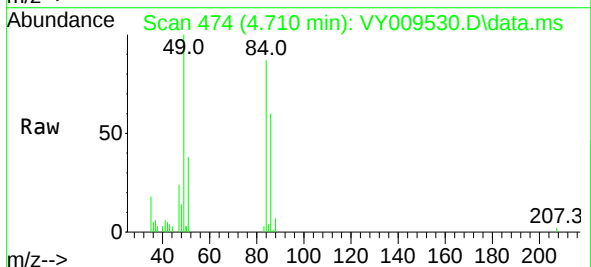
Instrument : MSVOA_Y
ClientSampleId : 20220498A-SIM-C4A-COMPOSITERE

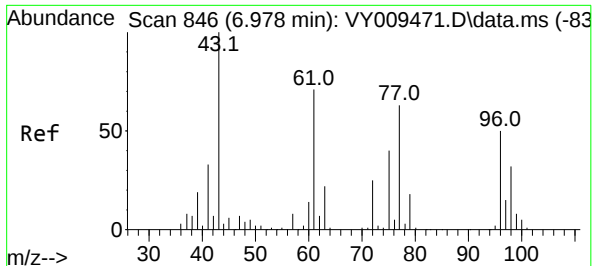
Tgt Ion: 76 Resp: 35272
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#20
Methylene Chloride
Concen: 8.309 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion: 84 Resp: 10428
Ion Ratio Lower Upper
84 100
49 114.3 114.4 171.6#
51 43.7 35.3 52.9
86 69.0 53.7 80.5

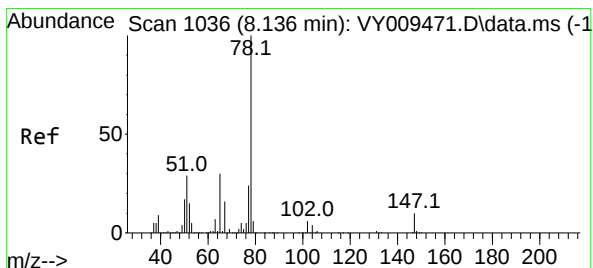
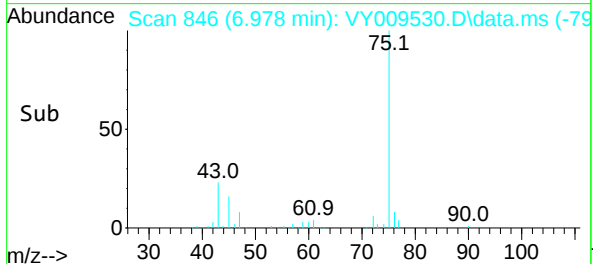
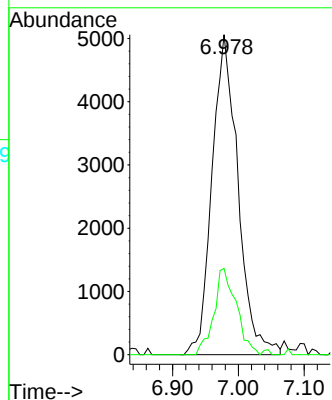
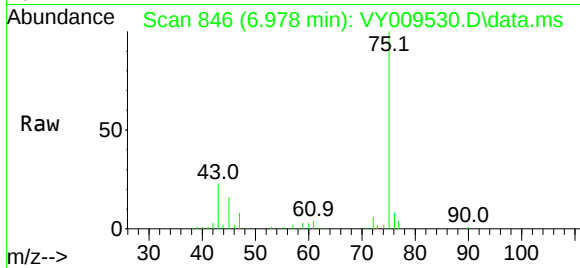




#25
2-Butanone
Concen: 47.696 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

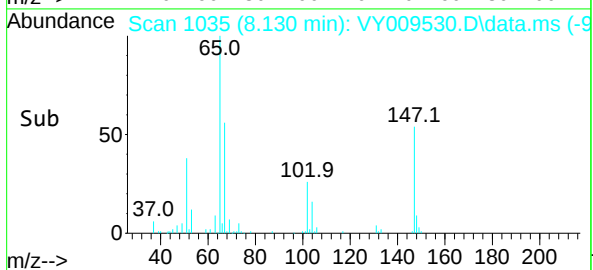
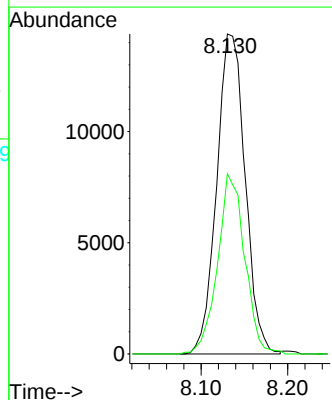
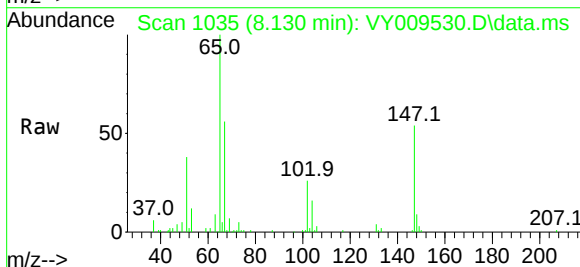
Instrument :
MSVOA_Y
ClientSampleId :
20220498A-SIM-C4A-COMPOSITERE

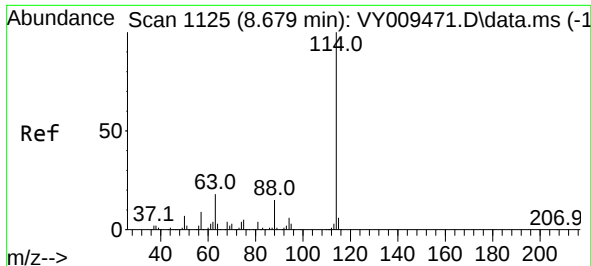
Tgt Ion: 43 Resp: 13872
Ion Ratio Lower Upper
43 100
72 27.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 64.931 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion: 65 Resp: 32796
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

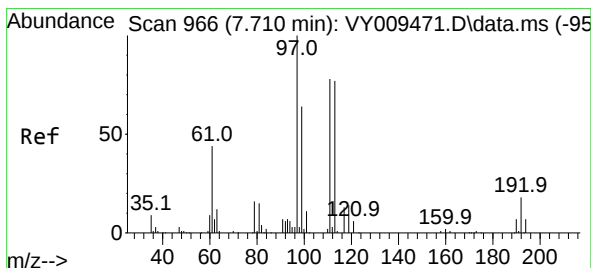
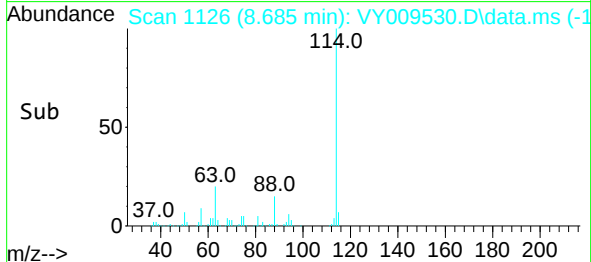
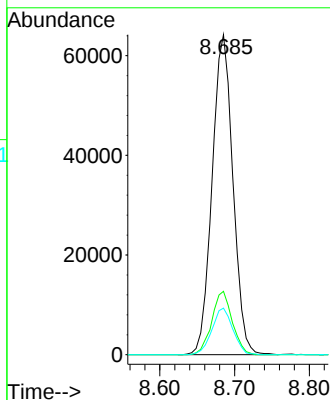
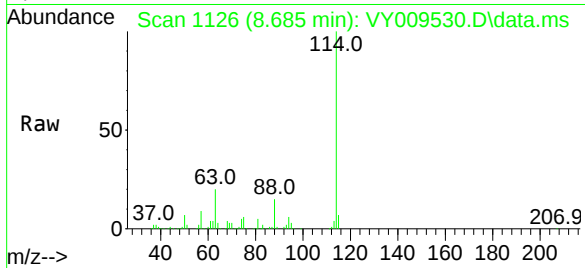




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

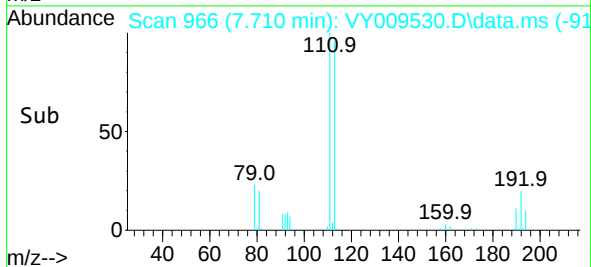
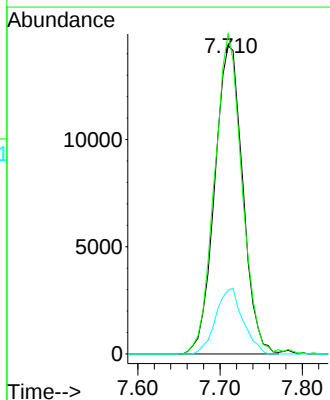
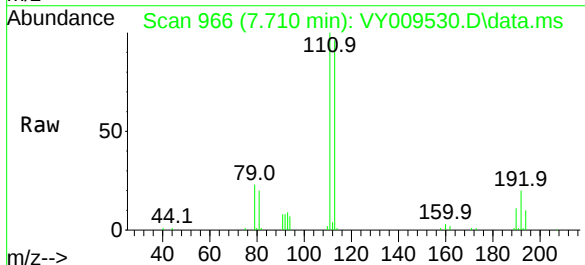
Instrument : MSVOA_Y
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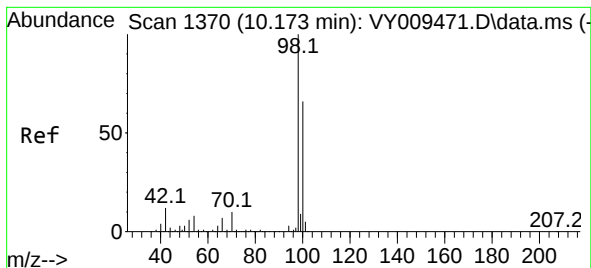
Tgt Ion:	114	Resp:	124075
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	14.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 52.293 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion:	113	Resp:	34139
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	20.5	17.6	26.4

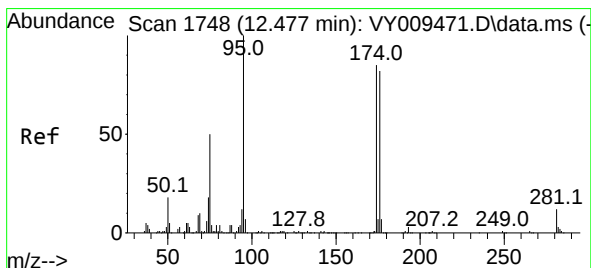
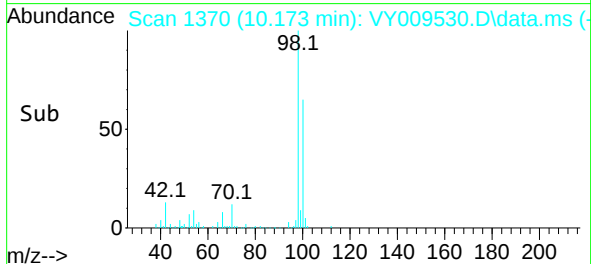
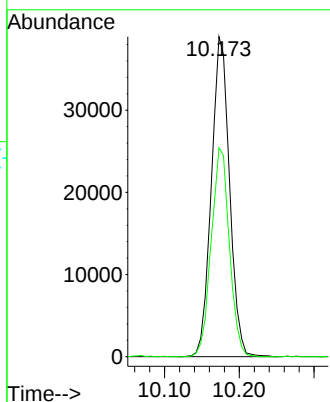
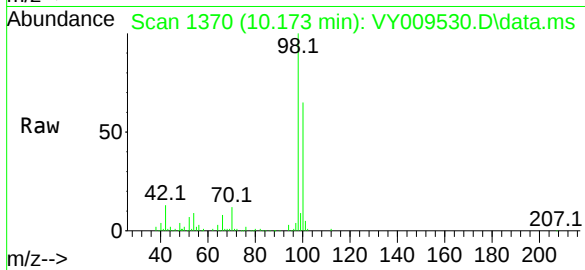




#50
Toluene-d8
Concen: 34.258 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

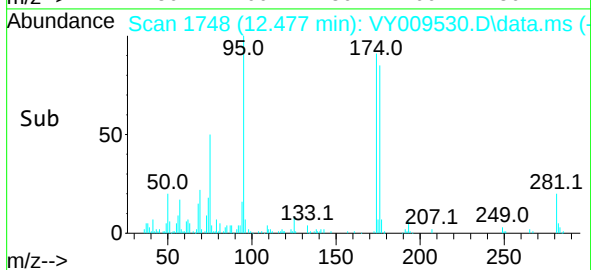
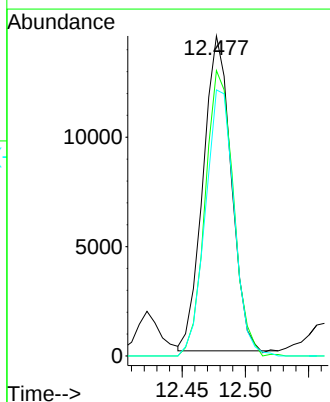
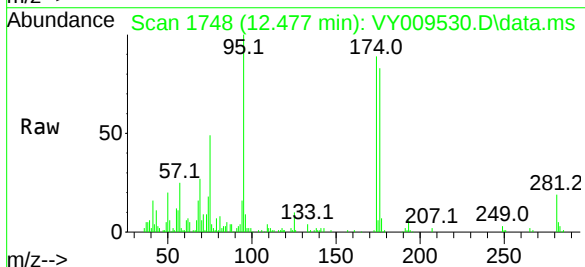
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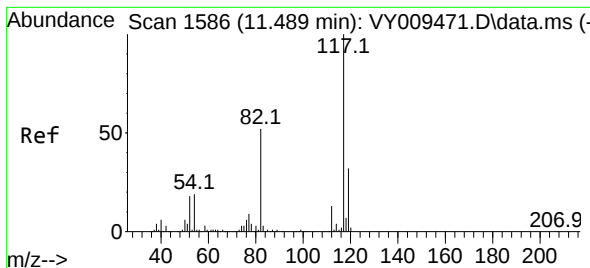
Tgt Ion: 98 Resp: 65897
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 24.163 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion: 95 Resp: 22267
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 86.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009530.D

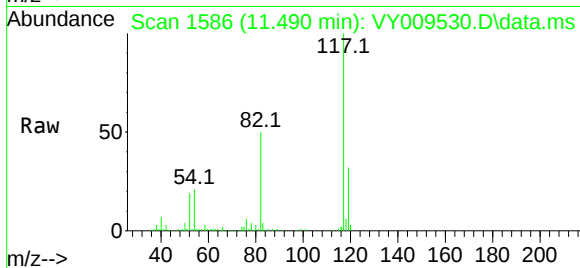
Acq: 12 Jul 2022 14:17

Instrument :

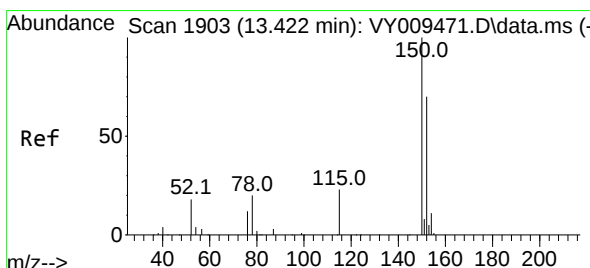
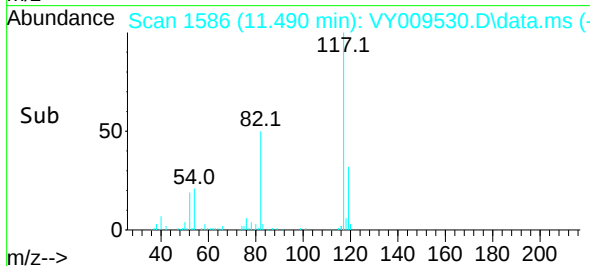
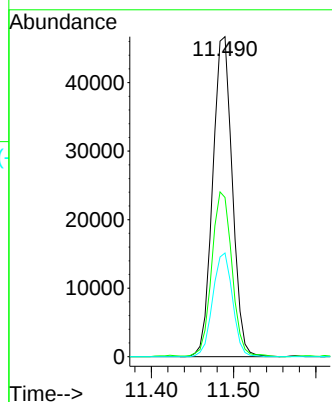
MSVOA_Y

ClientSampleId :

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Tgt Ion:	117	Resp:	77070
Ion Ratio	Lower	Upper	
117	100		
82	49.8	43.0	64.4
119	32.4	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

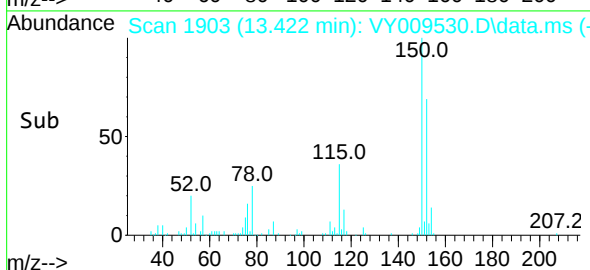
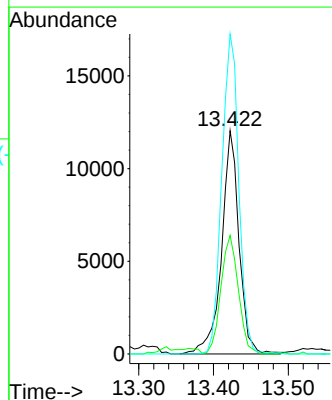
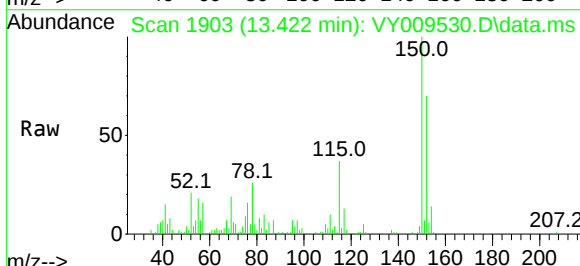
RT: 13.422 min Scan# 1903

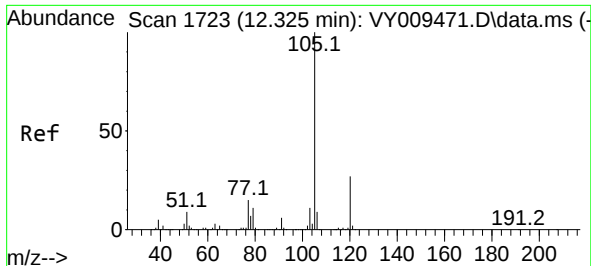
Delta R.T. 0.000 min

Lab File: VY009530.D

Acq: 12 Jul 2022 14:17

Tgt Ion:	152	Resp:	19536
Ion Ratio	Lower	Upper	
152	100		
115	52.9	28.2	84.7
150	139.8	0.0	347.6

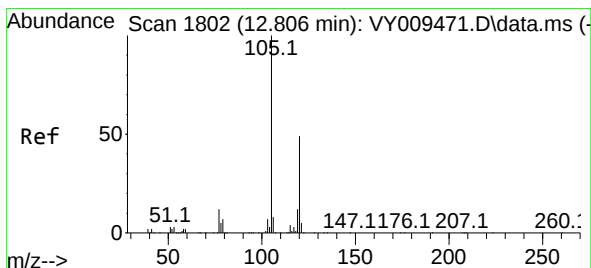
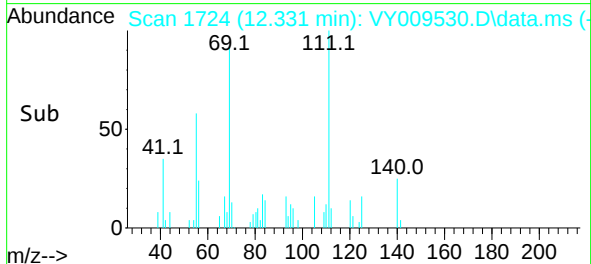
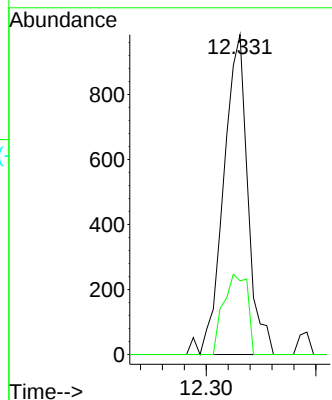
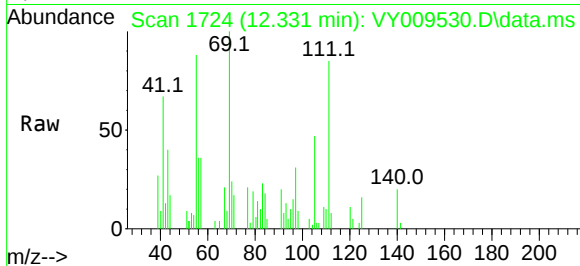




#73
Isopropylbenzene
Concen: 1.130 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

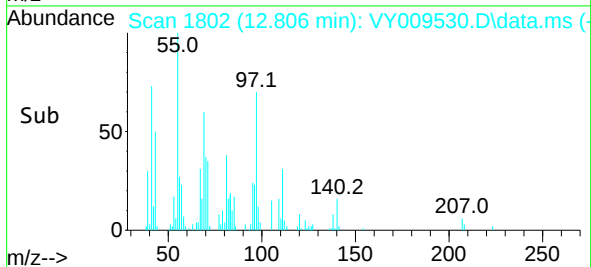
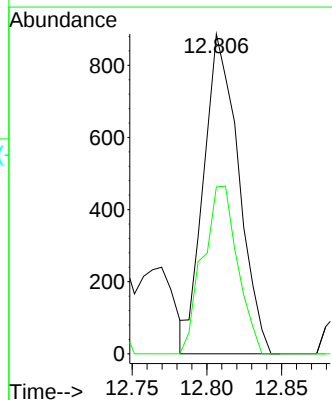
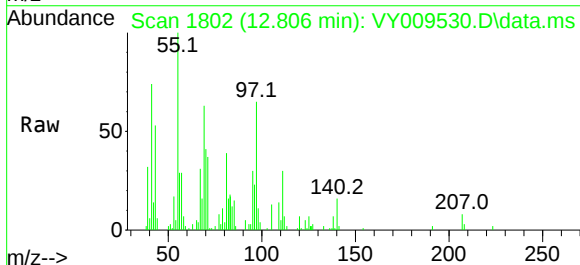
Instrument : MSVOA_Y
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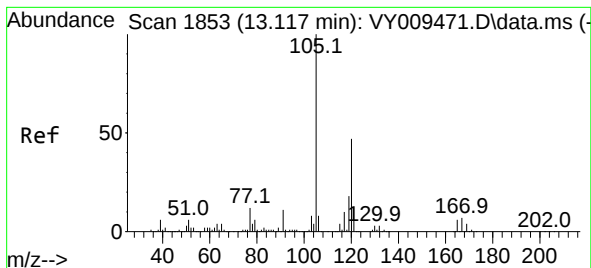
Tgt Ion:105 Resp: 1510
Ion Ratio Lower Upper
105 100
120 24.8 13.4 40.2



#80
1,3,5-Trimethylbenzene
Concen: 1.288 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009530.D
Acq: 12 Jul 2022 14:17

Tgt Ion:105 Resp: 1438
Ion Ratio Lower Upper
105 100
120 52.2 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 3.182 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009530.D

Acq: 12 Jul 2022 14:17

Instrument :

MSVOA_Y

ClientSampleId :

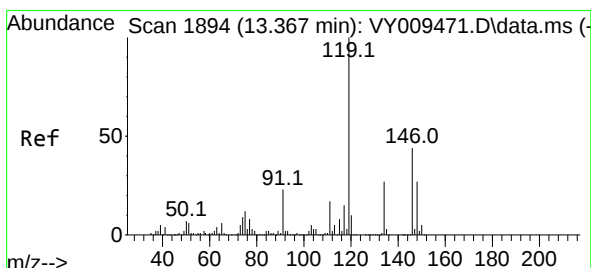
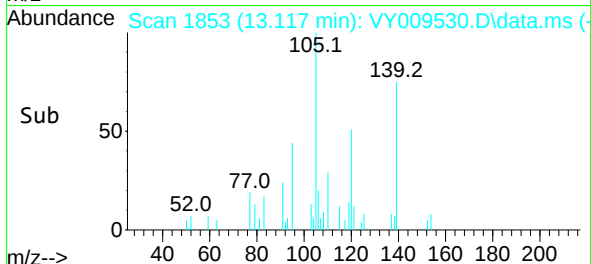
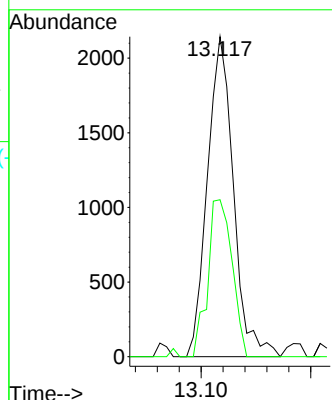
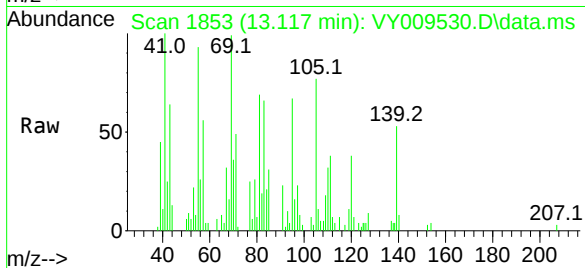
20220498A-SIM-C4A-COMPOSITERE

Tgt Ion:105 Resp: 3537

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9



#86

p-Isopropyltoluene

Concen: 5.256 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009530.D

Acq: 12 Jul 2022 14:17

Tgt Ion:119 Resp: 6411

Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 0.0 12.4 37.2#

