

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009532.D
 Acq On : 12 Jul 2022 15:02
 Operator : KP/MD
 Sample : N3622-10RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220503-FIELD-DUP-COMPOSITERE

Quant Time: Jul 13 01:15:21 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)

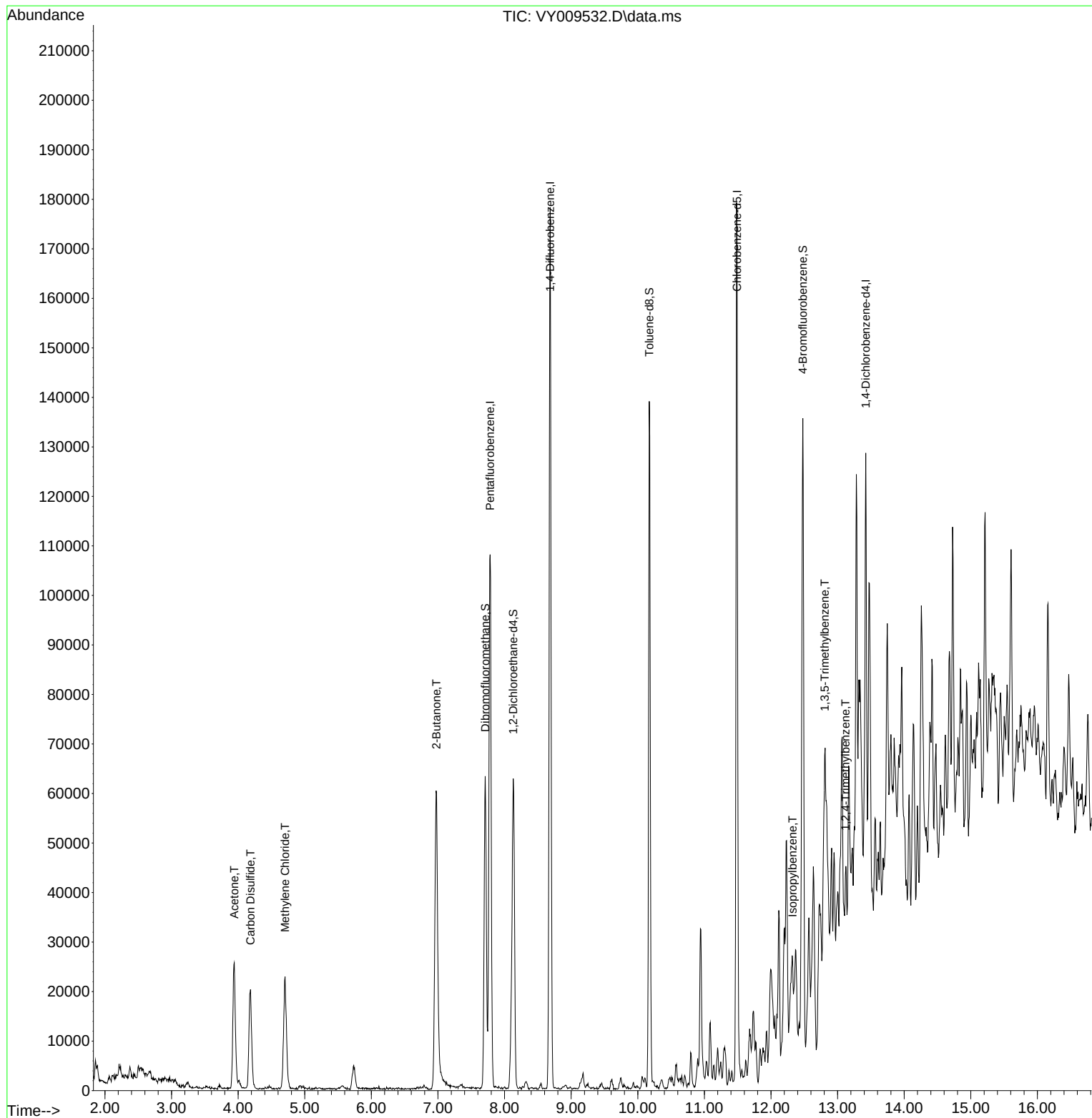
Internal Standards						
1) Pentafluorobenzene	7.783	168	89064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	97256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42727	70.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.600%	
35) Dibromofluoromethane	7.710	113	42845	53.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.160%	
50) Toluene-d8	10.173	98	86619	37.473	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 74.940%#	
62) 4-Bromofluorobenzene	12.477	95	30086	26.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 53.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	42984	198.392	ug/l #	85
17) Carbon Disulfide	4.186	76	39069	19.131	ug/l	99
20) Methylene Chloride	4.704	84	15659	11.638	ug/l #	85
25) 2-Butanone	6.978	43	14468	41.279	ug/l	100
73) Isopropylbenzene	12.325	105	1730	1.027	ug/l	85
80) 1,3,5-Trimethylbenzene	12.806	105	1662	1.180	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	4517	3.223	ug/l	100

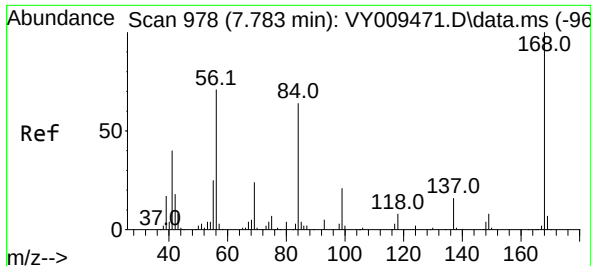
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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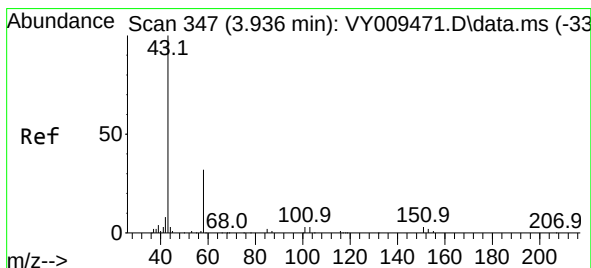
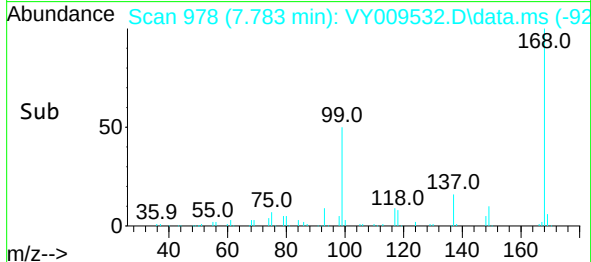
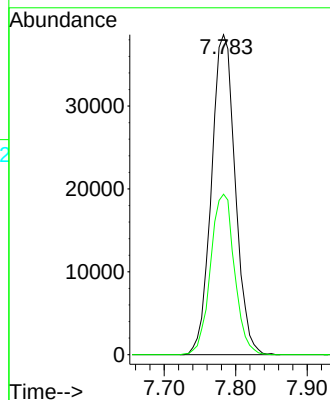
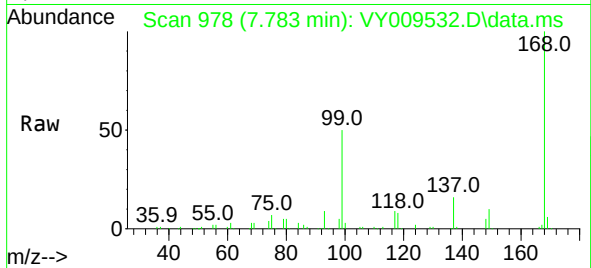




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

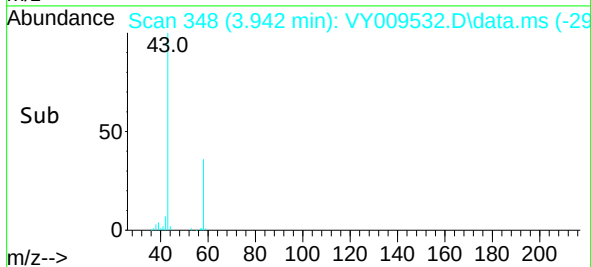
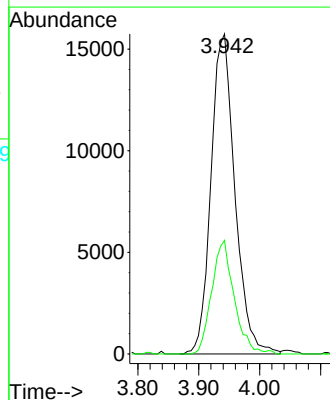
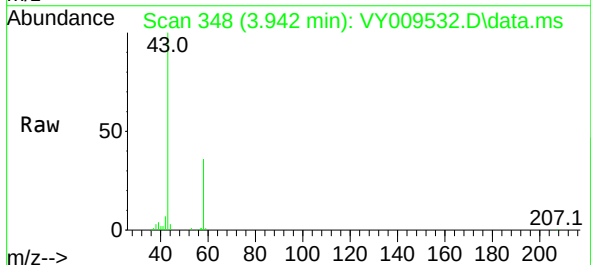
Instrument :
MSVOA_Y
ClientSampleId :
20220503-FIELD-DUP-COMPOSITERE

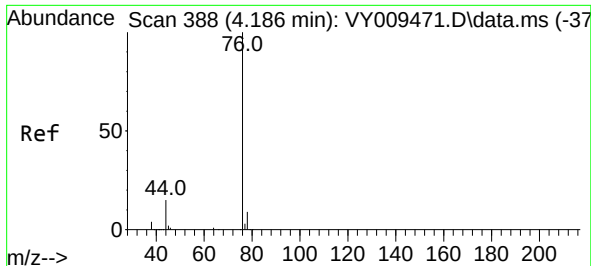
Tgt Ion:168 Resp: 89064
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#16
Acetone
Concen: 198.392 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

Tgt Ion: 43 Resp: 42984
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#

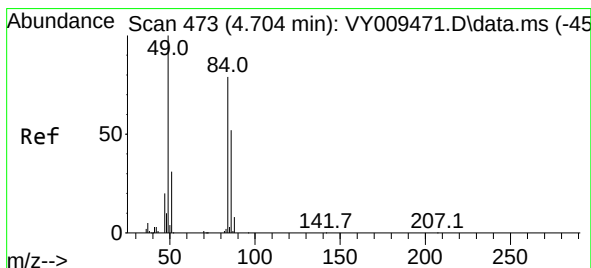
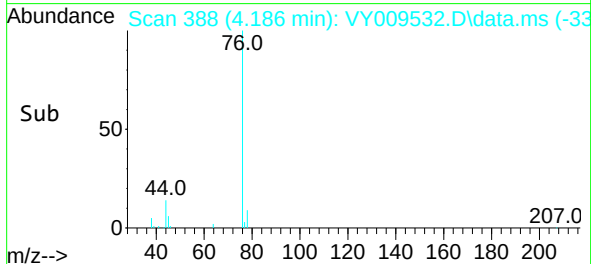
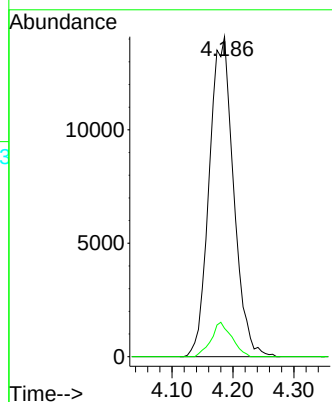
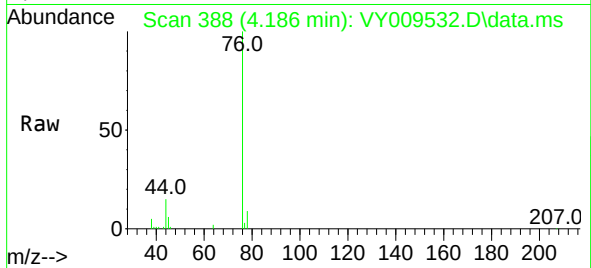




#17
Carbon Disulfide
Concen: 19.131 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

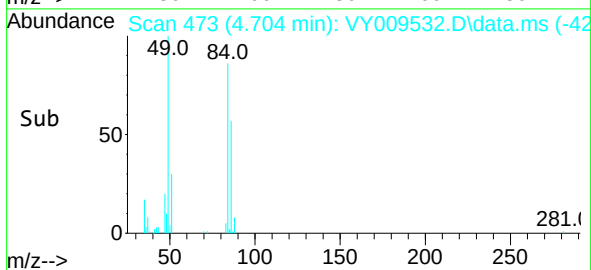
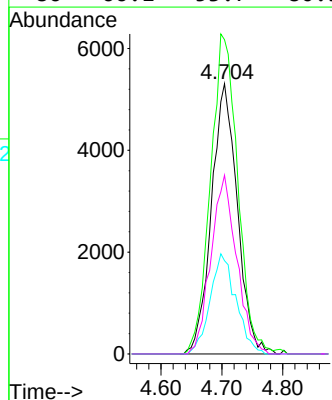
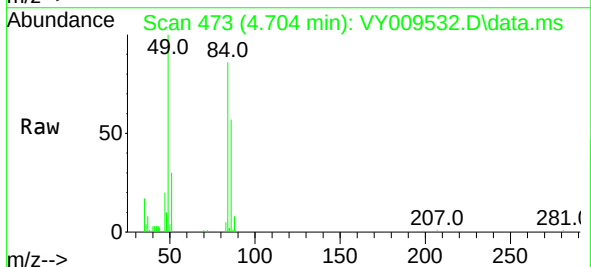
Instrument : MSVOA_Y
ClientSampleId : 20220503-FIELD-DUP-COMPOSITERE

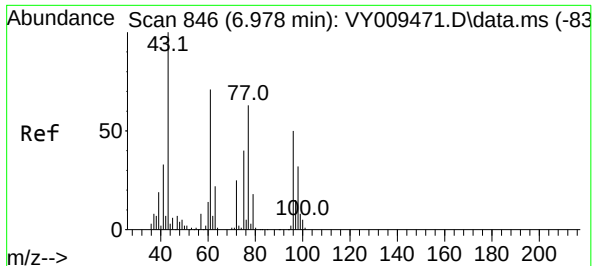
Tgt Ion: 76 Resp: 39069
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#20
Methylene Chloride
Concen: 11.638 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

Tgt Ion: 84 Resp: 15659
Ion Ratio Lower Upper
84 100
49 116.2 114.4 171.6
51 34.5 35.3 52.9#
86 66.1 53.7 80.5

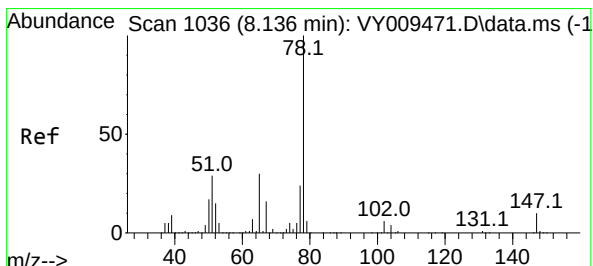
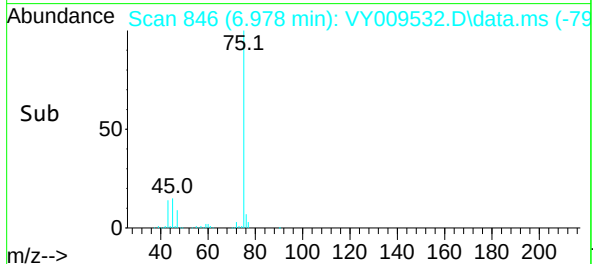
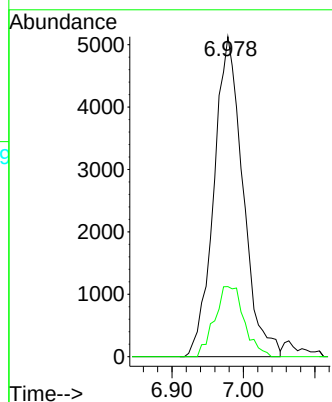
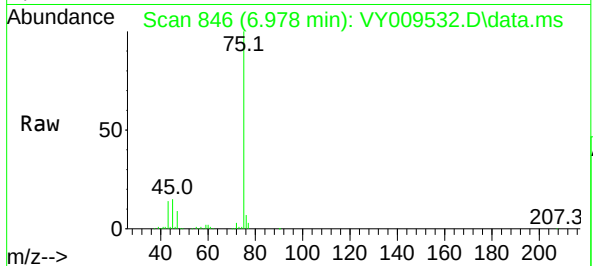




#25
2-Butanone
Concen: 41.279 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

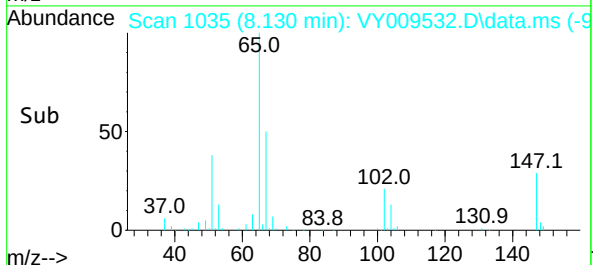
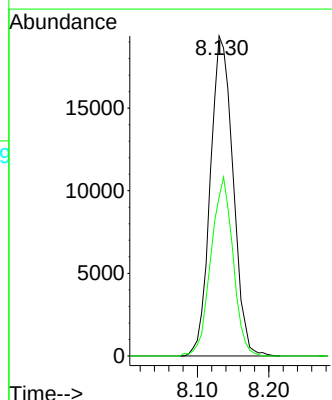
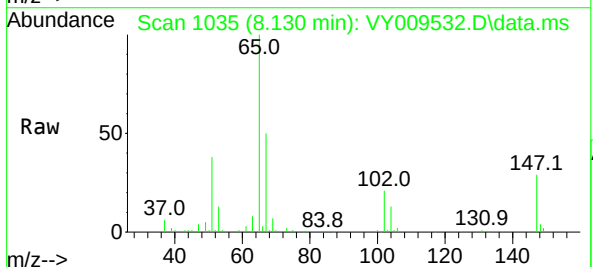
Instrument : MSVOA_Y
ClientSampleId : 20220503-FIELD-DUP-COMPOSITERE

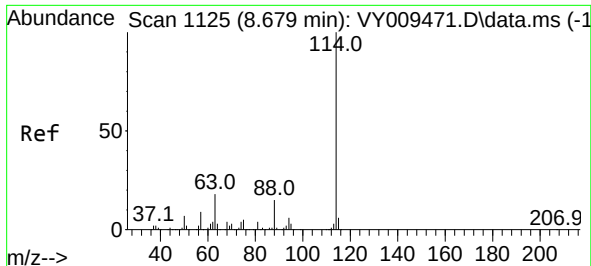
Tgt Ion: 43 Resp: 14468
Ion Ratio Lower Upper
43 100
72 21.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 70.799 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

Tgt Ion: 65 Resp: 42727
Ion Ratio Lower Upper
65 100
67 54.1 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: VY009532.D

Acq: 12 Jul 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

20220503-FIELD-DUP-COMPOSITERE

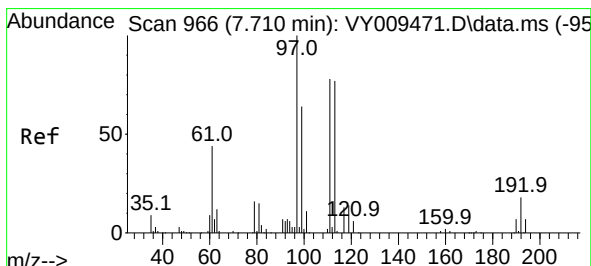
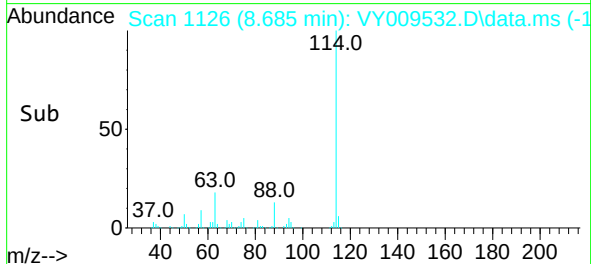
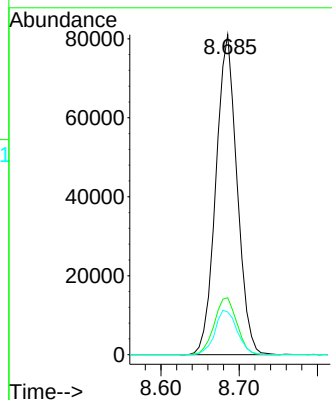
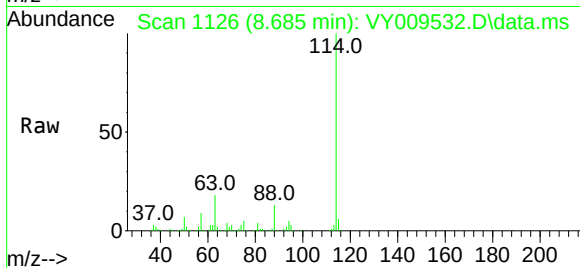
Tgt Ion:114 Resp: 151977

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.579 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009532.D

Acq: 12 Jul 2022 15:02

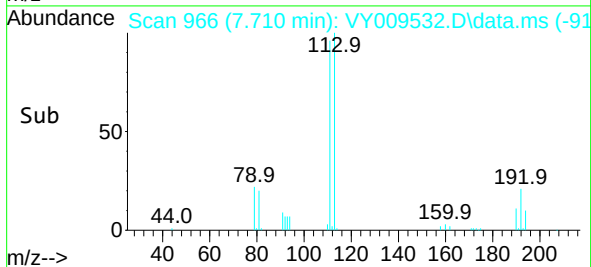
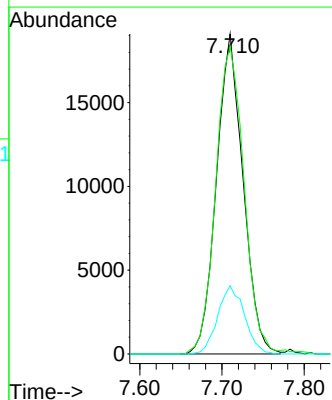
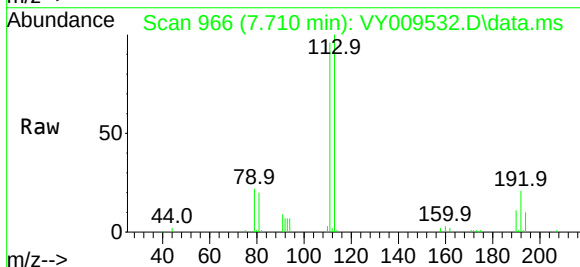
Tgt Ion:113 Resp: 42845

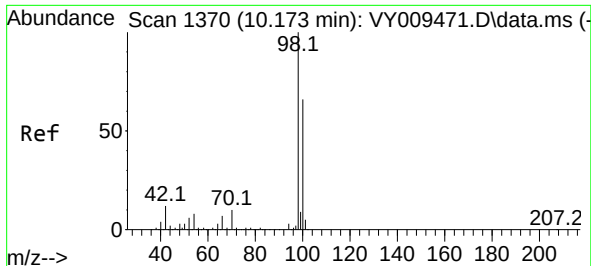
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.5 17.6 26.4

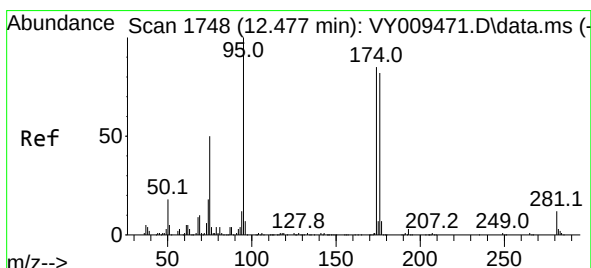
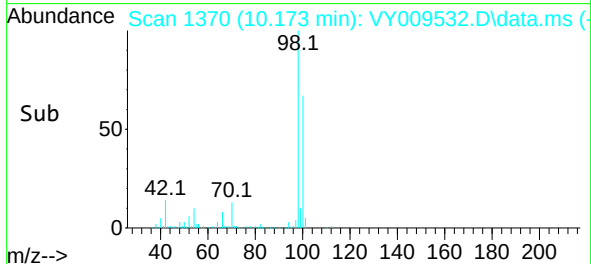
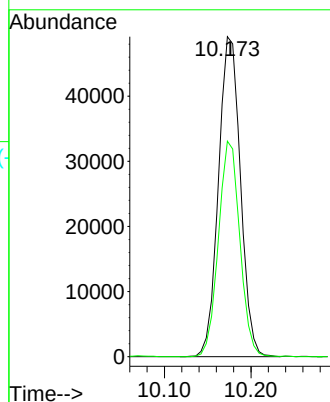
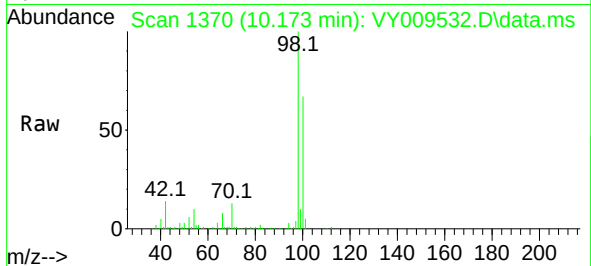




#50
Toluene-d8
Concen: 37.473 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

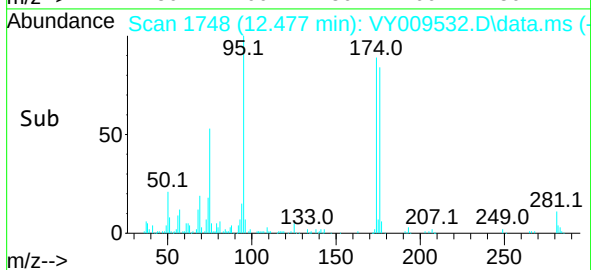
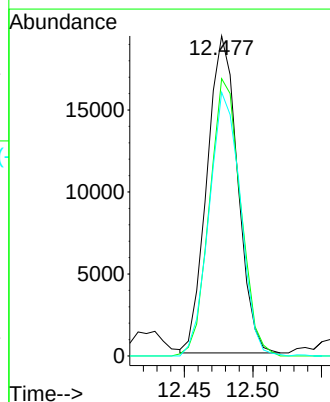
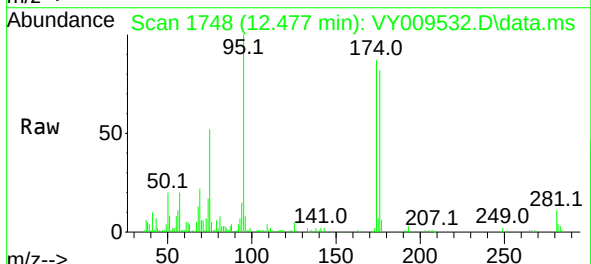
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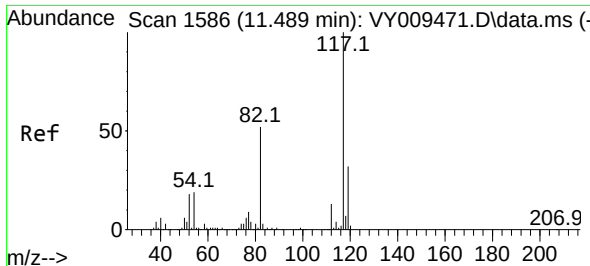
Tgt Ion: 98 Resp: 86619
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 26.654 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

Tgt Ion: 95 Resp: 30086
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 84.8 0.0 175.8

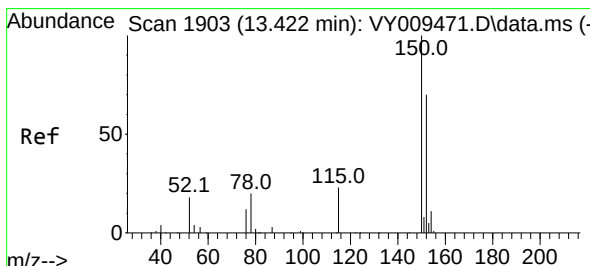
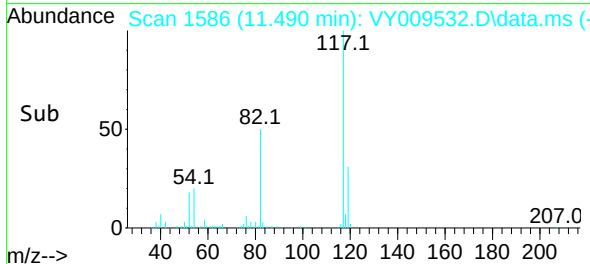
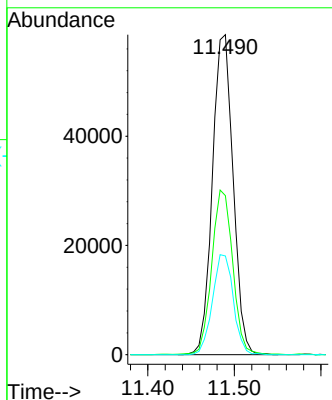
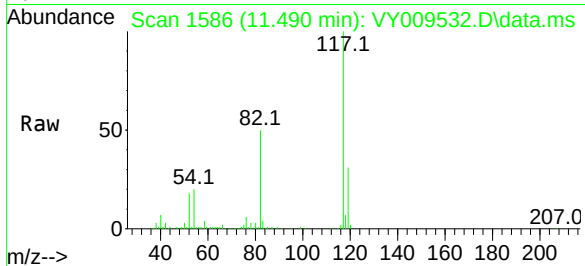




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

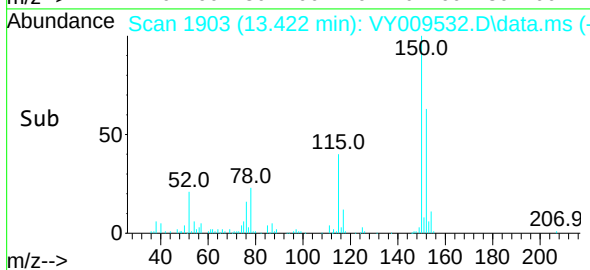
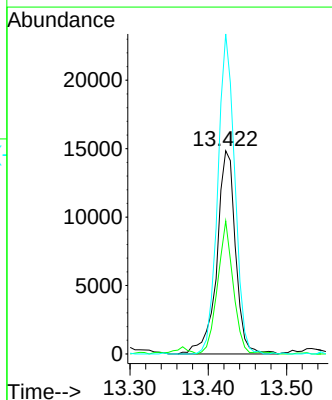
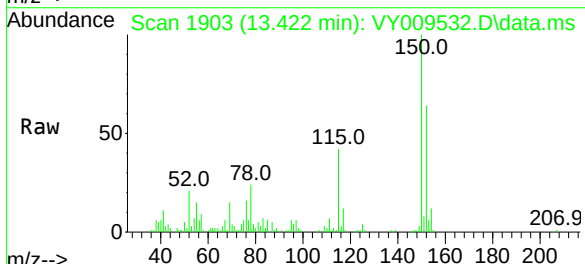
Instrument : MSVOA_Y
ClientSampleId : 20220503-FIELD-DUP-COMPOSITERE

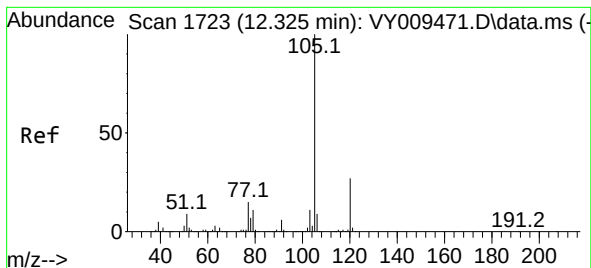
Tgt Ion:117	Resp:	97256
Ion Ratio	Lower	Upper
117	100	
82	49.5	43.0 64.4
119	30.9	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009532.D
Acq: 12 Jul 2022 15:02

Tgt Ion:152	Resp:	24630
Ion Ratio	Lower	Upper
152	100	
115	54.5	28.2 84.7
150	143.3	0.0 347.6





#73

Isopropylbenzene

Concen: 1.027 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009532.D

Acq: 12 Jul 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

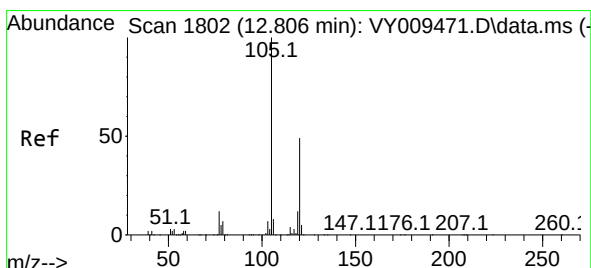
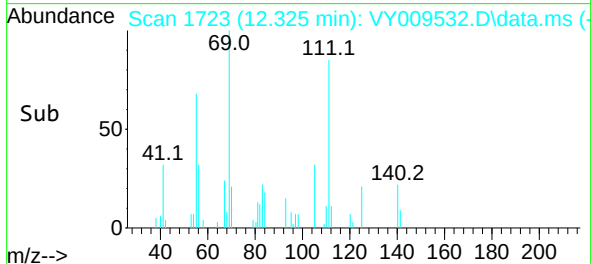
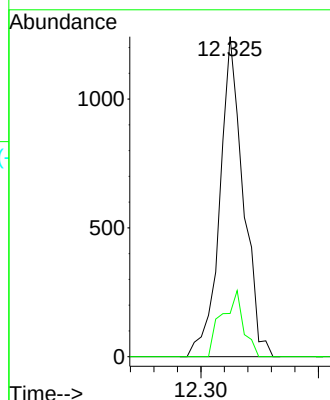
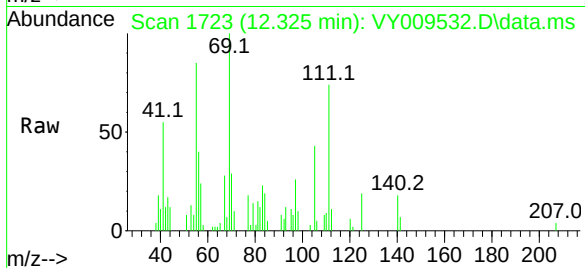
20220503-FIELD-DUP-COMPOSITERE

Tgt Ion:105 Resp: 1730

Ion Ratio Lower Upper

105 100

120 18.8 13.4 40.2



#80

1,3,5-Trimethylbenzene

Concen: 1.180 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VY009532.D

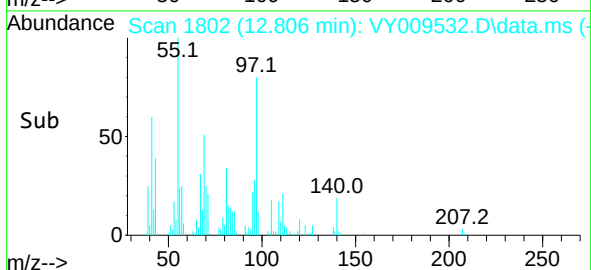
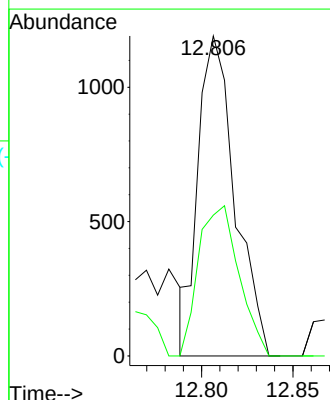
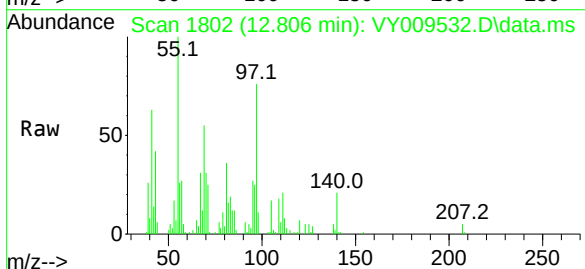
Acq: 12 Jul 2022 15:02

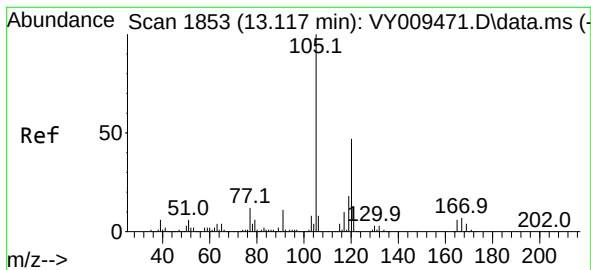
Tgt Ion:105 Resp: 1662

Ion Ratio Lower Upper

105 100

120 51.8 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 3.223 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009532.D

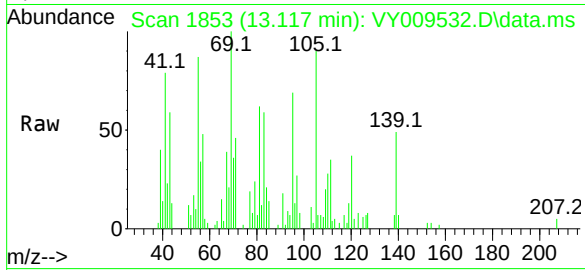
Acq: 12 Jul 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

20220503-FIELD-DUP-COMPOSITERE



Tgt Ion:105 Resp: 4517

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.9

