

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008478.D
 Acq On : 25 Apr 2022 13:43
 Operator : KP/MD
 Sample : N2478-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279

Quant Time: Apr 26 01:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

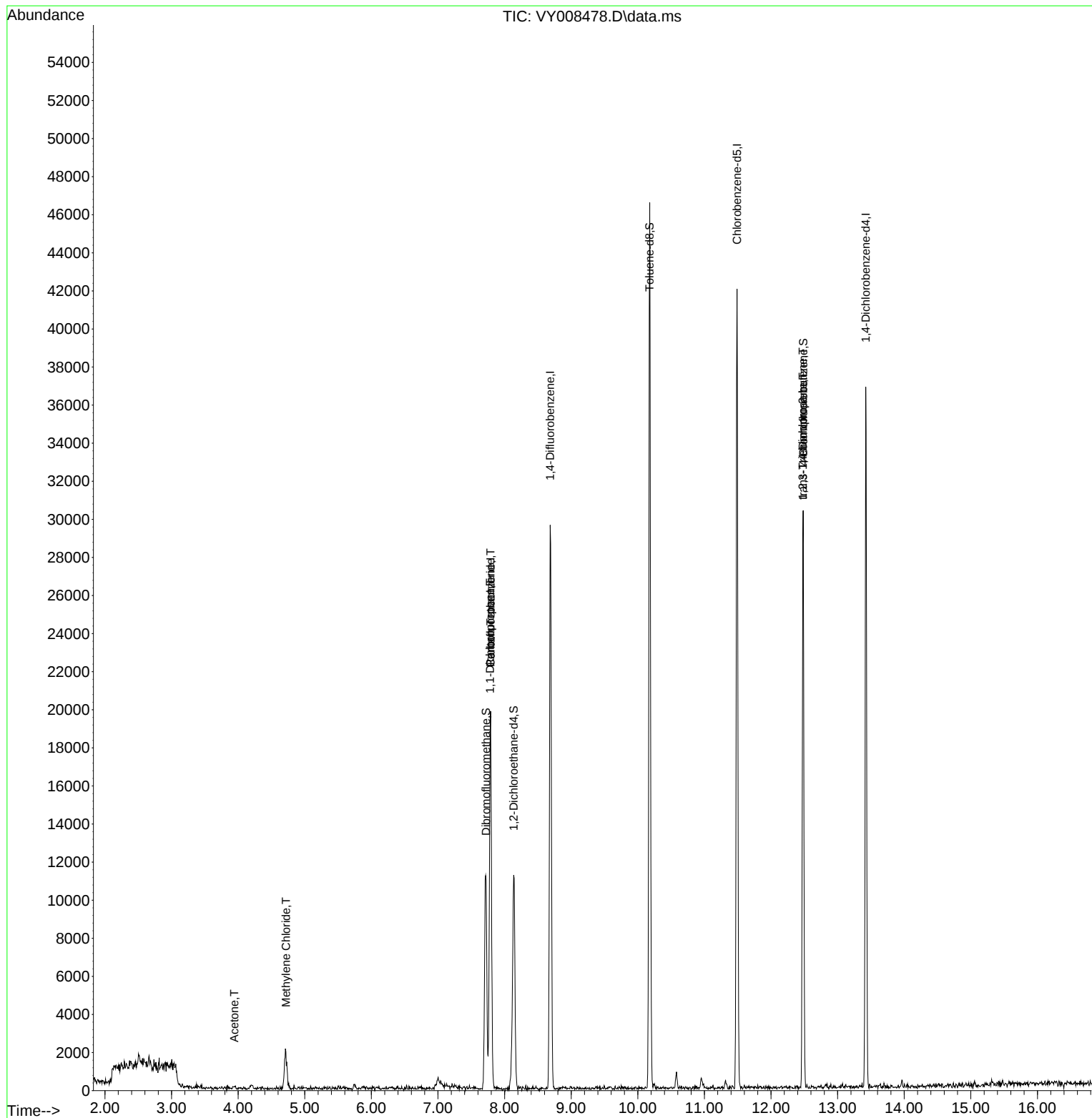
Internal Standards						
1) Pentafluorobenzene	7.789	168	15580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8343	45.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.020%		
35) Dibromofluoromethane	7.722	113	8178	47.553	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.100%		
50) Toluene-d8	10.179	98	30655	44.958	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.483	95	9039	39.033	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.060%		
Target Compounds						Qvalue
16) Acetone	3.942	43	161	3.771	ug/l #	47
20) Methylene Chloride	4.716	84	1609	1.227	ug/l #	79
36) 1,1-Dichloropropene	7.783	75	1400	5.118	ug/l #	45
38) Carbon Tetrachloride	7.789	117	1410	4.961	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	4814	40.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4814	93.605	ug/l #	7

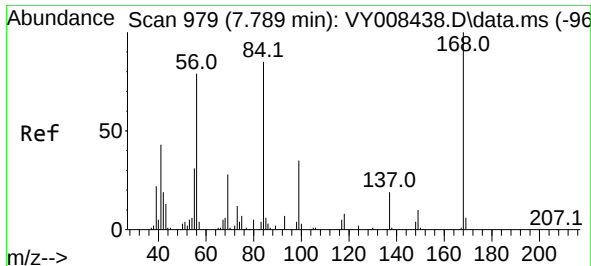
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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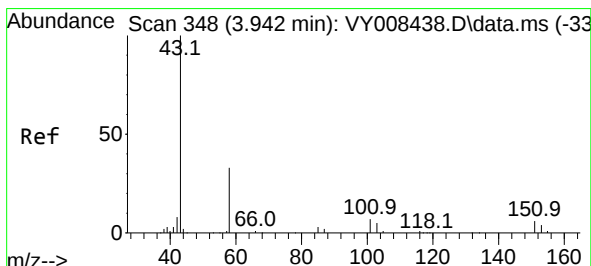
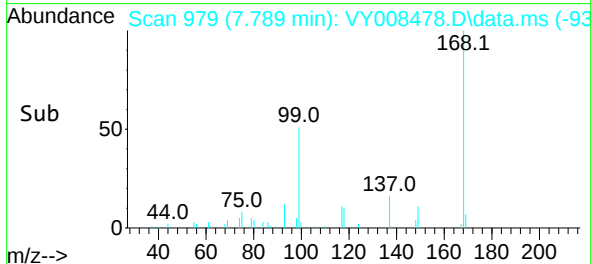
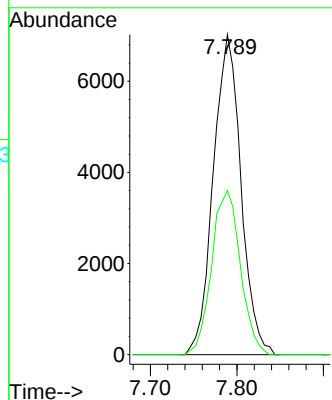
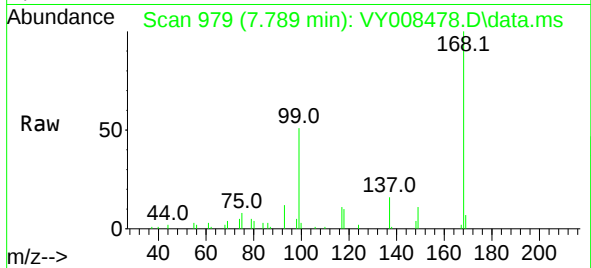




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

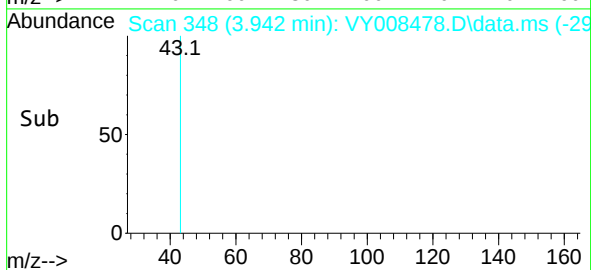
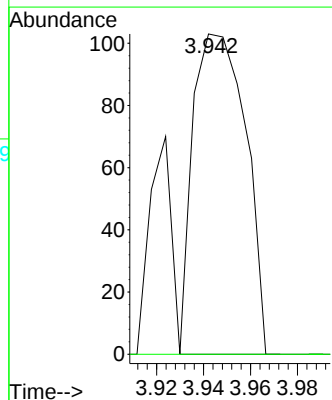
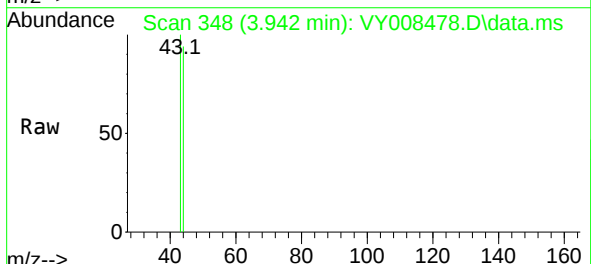
Instrument :
MSVOA_Y
ClientSampleId :
279

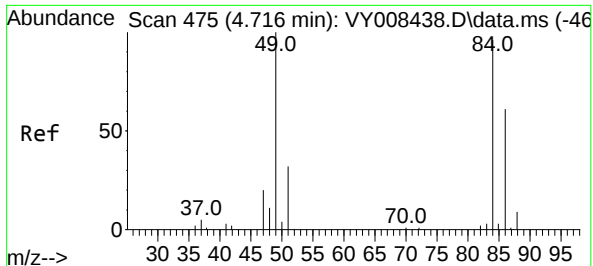
Tgt Ion:168 Resp: 15580
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#16
Acetone
Concen: 3.771 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: 1.227 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008478.D

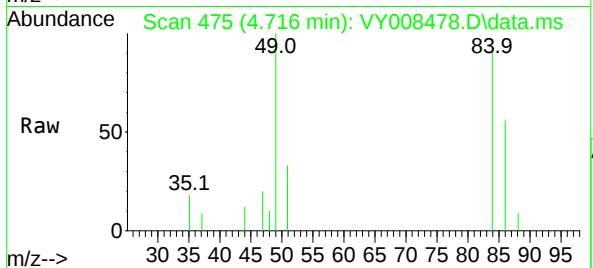
Acq: 25 Apr 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

279



Tgt Ion: 84 Resp: 1609

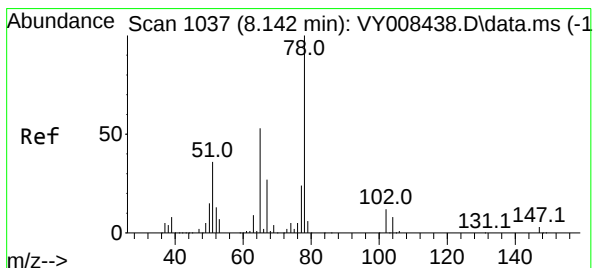
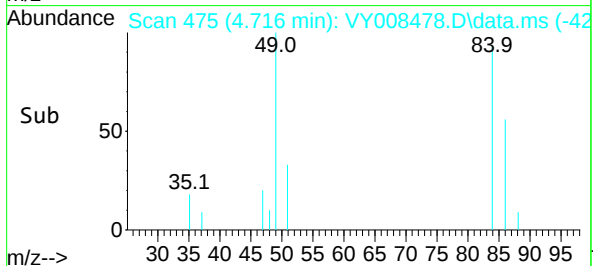
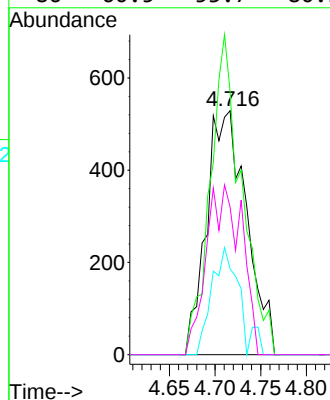
Ion Ratio Lower Upper

84 100

49 107.8 114.4 171.6#

51 35.2 35.3 52.9#

86 60.5 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 45.511 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008478.D

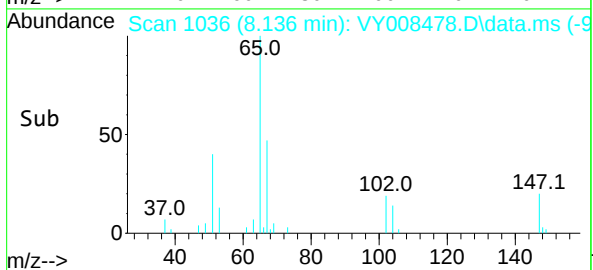
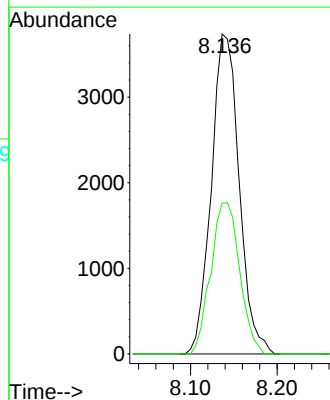
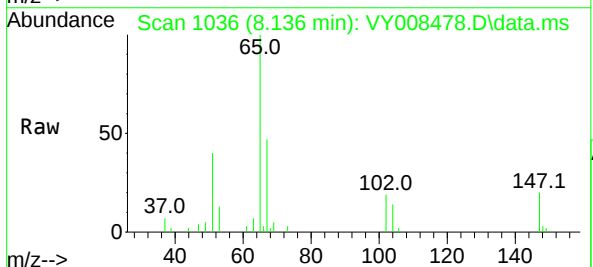
Acq: 25 Apr 2022 13:43

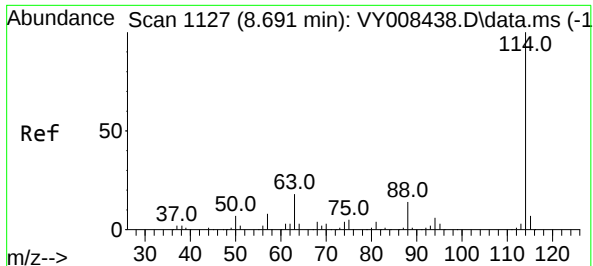
Tgt Ion: 65 Resp: 8343

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

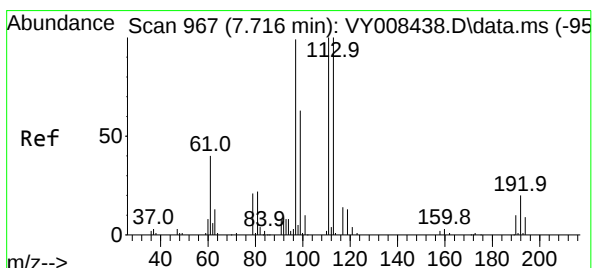
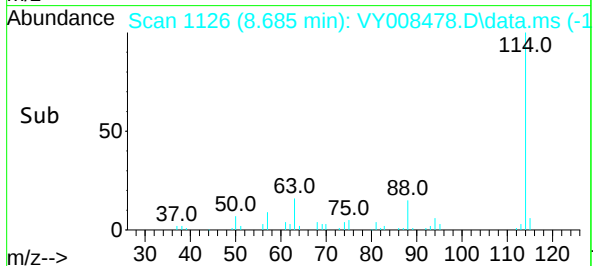
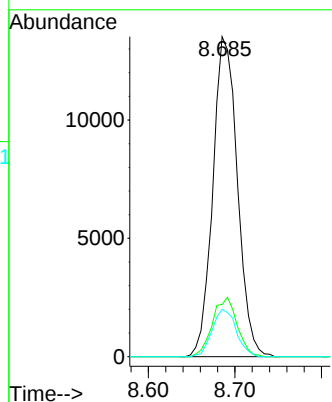
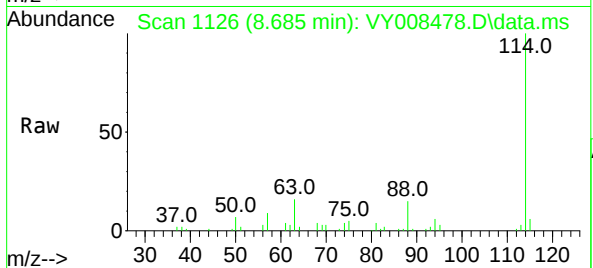
Instrument :

MSVOA_Y

ClientSampleId :

279

Tgt Ion:114	Resp:	26647
Ion Ratio	Lower	Upper
114	100	
63	16.3	0.0 43.2
88	14.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.553 ug/l

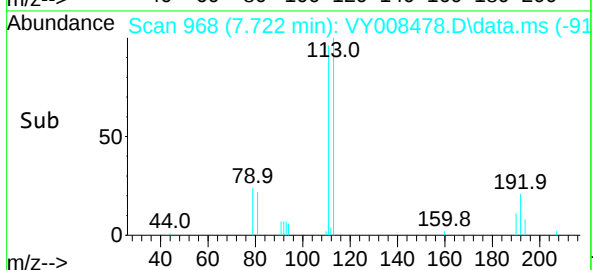
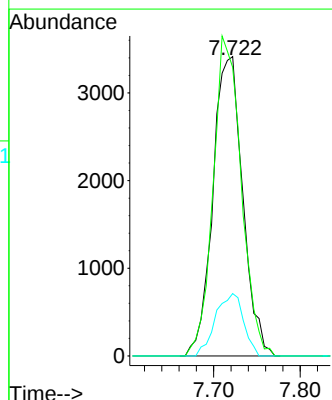
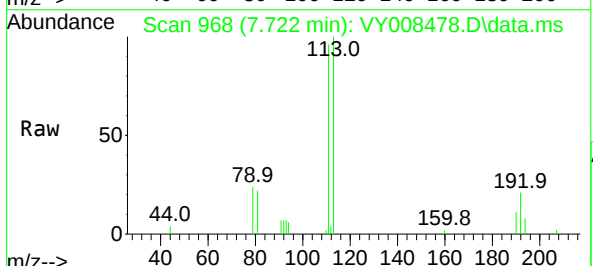
RT: 7.722 min Scan# 968

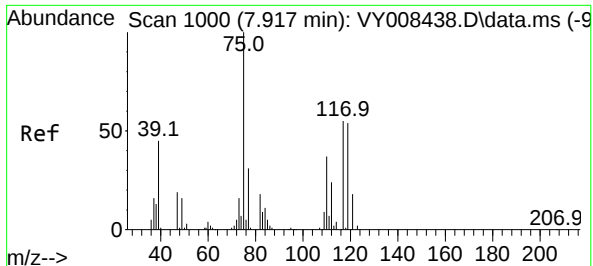
Delta R.T. 0.006 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

Tgt Ion:113	Resp:	8178
Ion Ratio	Lower	Upper
113	100	
111	100.3	82.6 124.0
192	19.5	17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.118 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

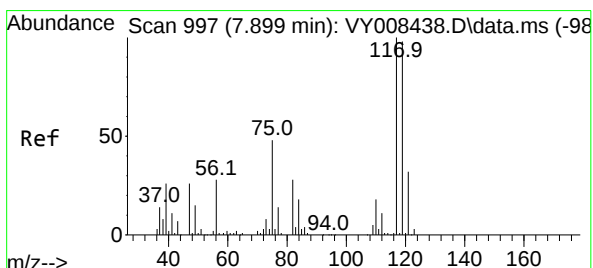
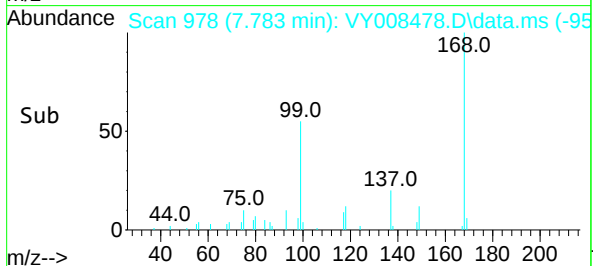
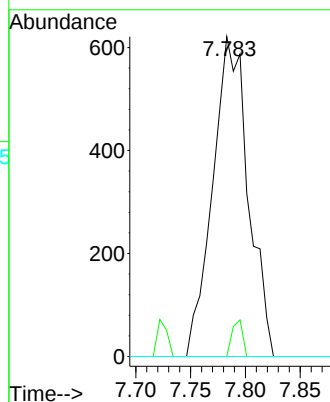
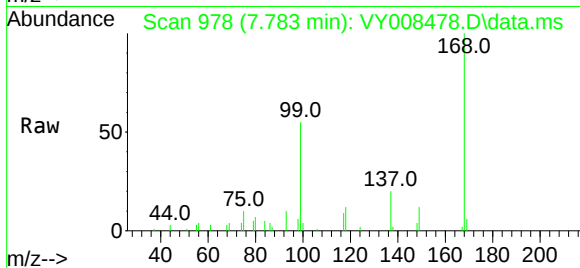
Instrument :

MSVOA_Y

ClientSampleId :

279

Tgt Ion: 75	Resp:	1400
Ion	Ratio	Lower Upper
75	100	
110	3.4	17.1 51.2#
77	0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.961 ug/l

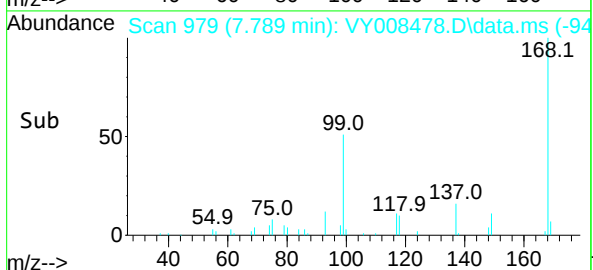
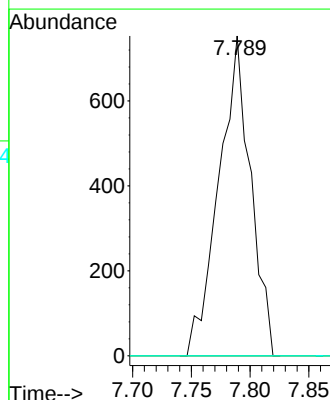
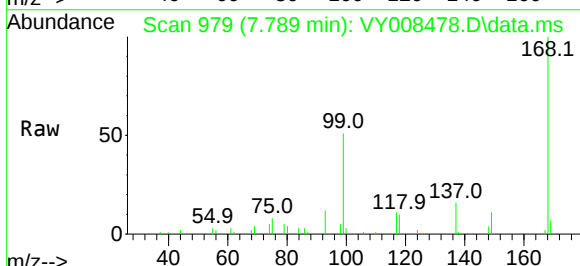
RT: 7.789 min Scan# 979

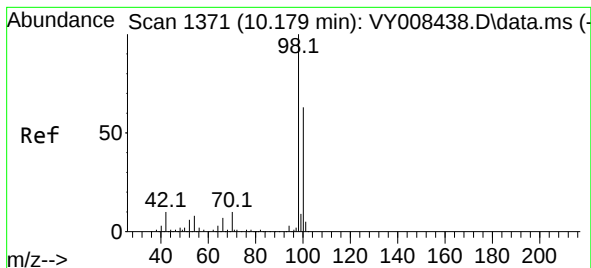
Delta R.T. -0.110 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

Tgt Ion: 117	Resp:	1410
Ion	Ratio	Lower Upper
117	100	
119	0.0	77.9 116.9#
121	0.0	24.8 37.2#

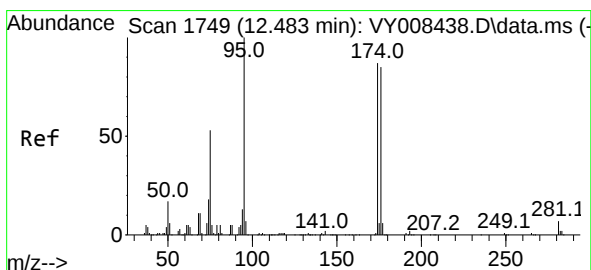
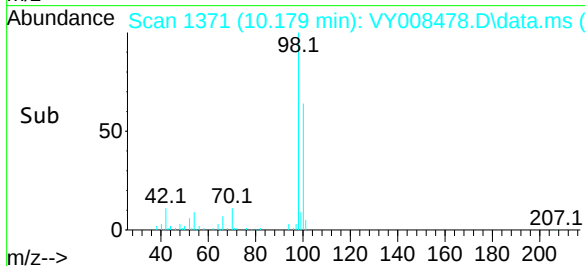
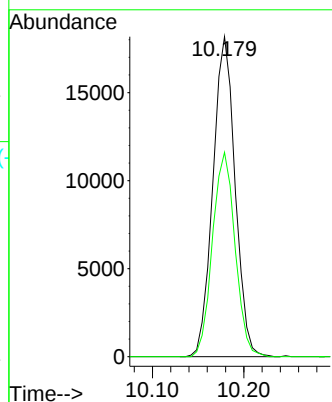
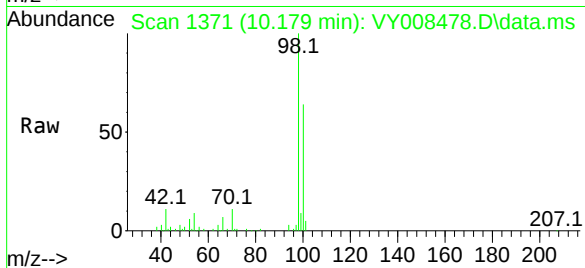




#50
Toluene-d8
Concen: 44.958 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

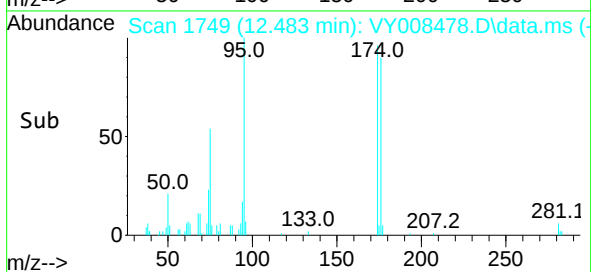
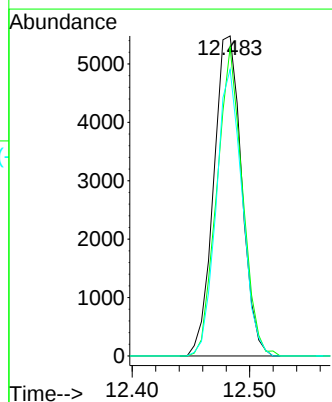
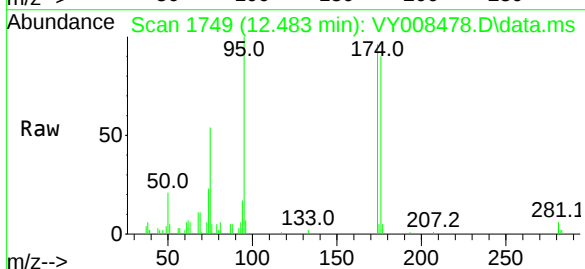
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MSVOA_Y
ClientSampleId :
279

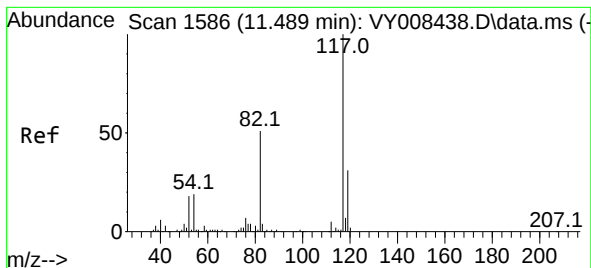
Tgt Ion: 98 Resp: 30655
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008478.D
Acq: 25 Apr 2022 13:43

Tgt Ion: 95 Resp: 9039
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 83.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

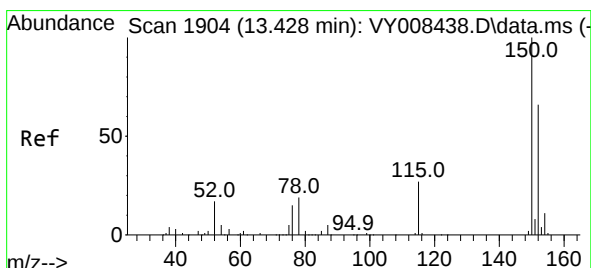
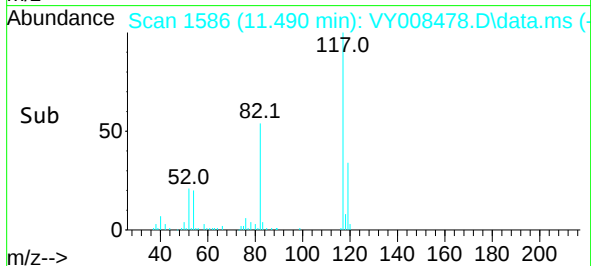
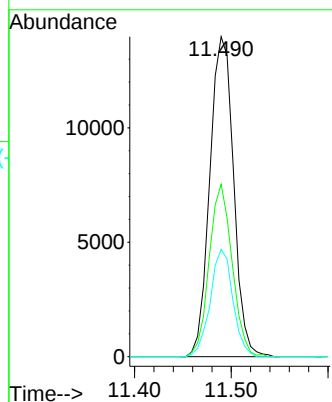
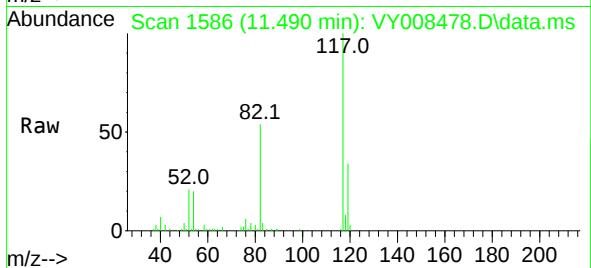
Instrument :

MSVOA_Y

ClientSampleId :

279

Tgt Ion:117	Resp:	23881
Ion Ratio	Lower	Upper
117	100	
82	53.9	43.0 64.4
119	33.6	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

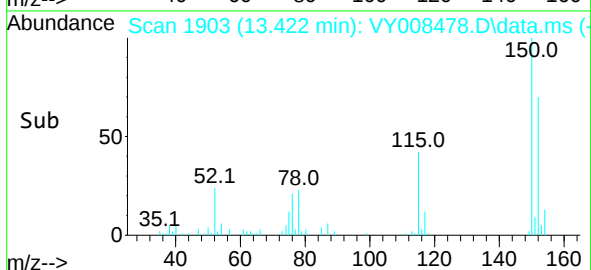
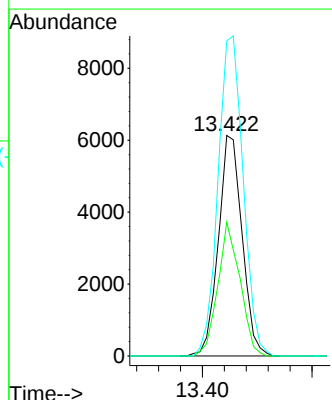
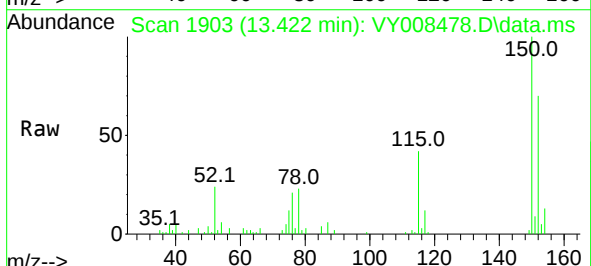
RT: 13.422 min Scan# 1903

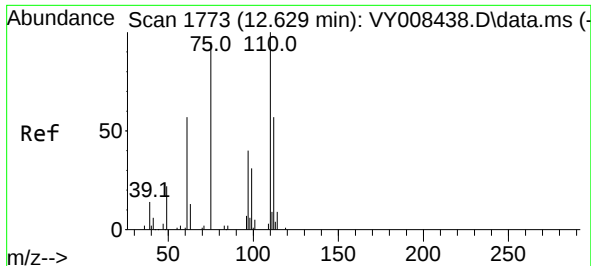
Delta R.T. -0.006 min

Lab File: VY008478.D

Acq: 25 Apr 2022 13:43

Tgt Ion:152	Resp:	9219
Ion Ratio	Lower	Upper
152	100	
115	56.7	28.2 84.7
150	153.8	0.0 347.6

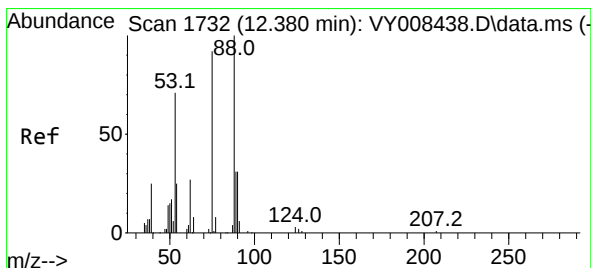
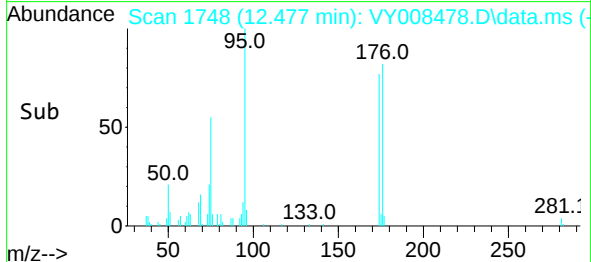
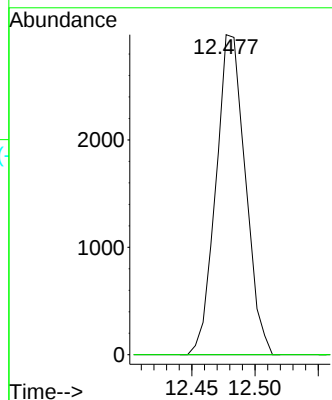
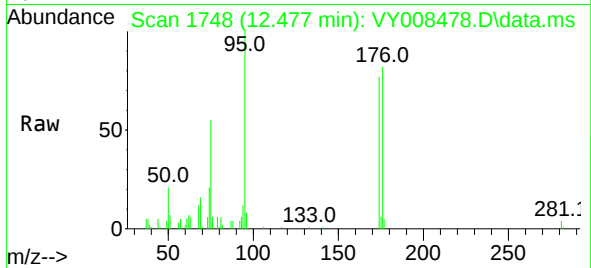




#76
 1,2,3-Trichloropropane
 Concen: 40.349 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY008478.D
 Acq: 25 Apr 2022 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 279

Tgt Ion: 75 Resp: 4814
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.605 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.097 min
 Lab File: VY008478.D
 Acq: 25 Apr 2022 13:43

Tgt Ion: 75 Resp: 4814
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

