

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008085.D
 Acq On : 29 Mar 2022 14:29
 Operator : SY/MD
 Sample : N2155-02
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 03:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

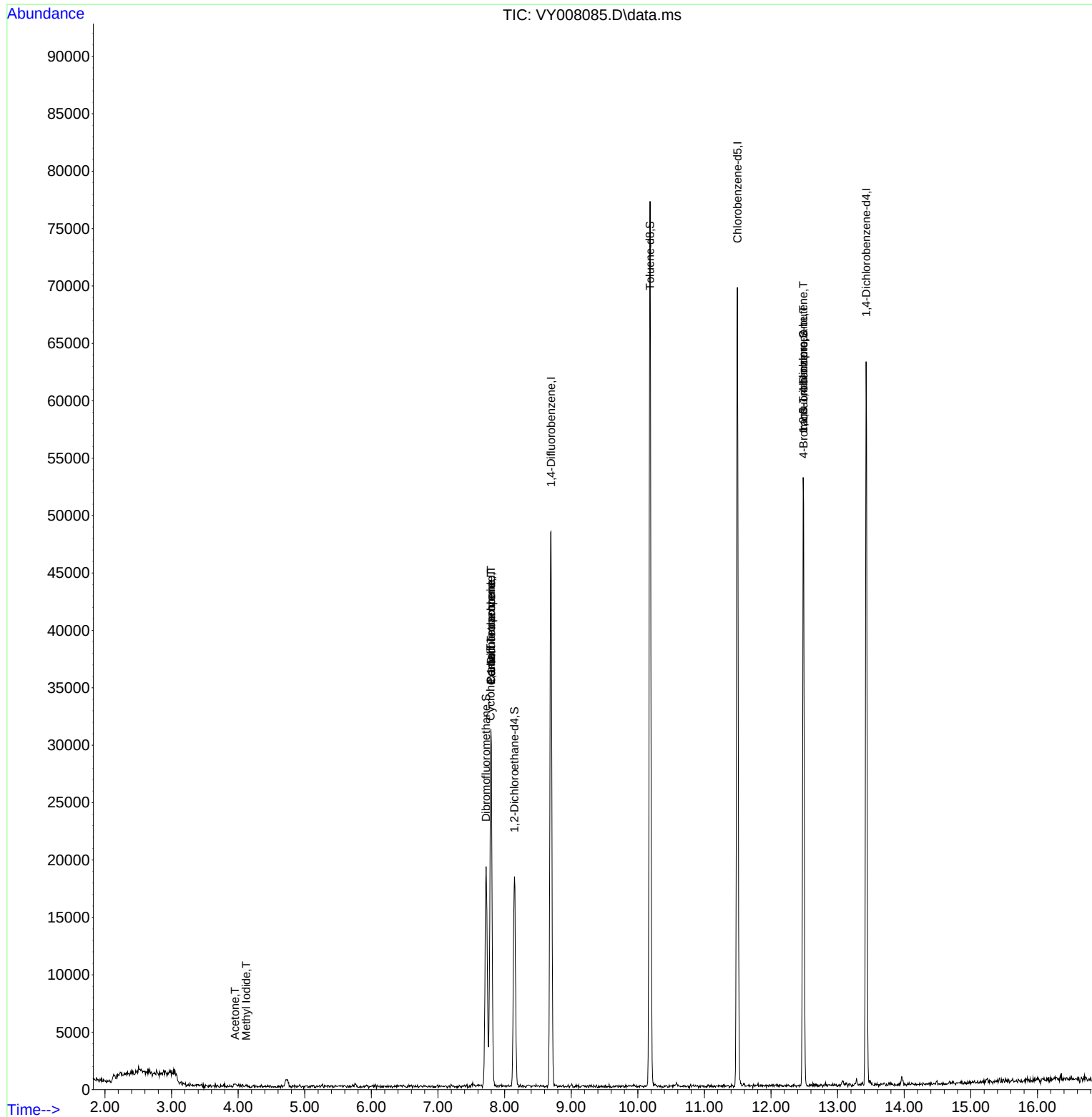
Internal Standards						
1) Pentafluorobenzene	7.795	168	24755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	44813	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	40038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	14779	59.505	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.000%
35) Dibromofluoromethane	7.722	113	14362	51.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.185	98	52620	49.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.489	95	17214	46.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.180%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	73	1.910	ug/l #	35
16) Acetone	3.954	43	645	11.362	ug/l #	71
20) Methylene Chloride	4.729	84	647	Below Cal	#	55
31) Cyclohexane	7.789	56	466	1.004	ug/l #	20
36) 1,1-Dichloropropene	7.795	75	1740	3.943	ug/l #	45
38) Carbon Tetrachloride	7.795	117	2589	5.383	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	9300	46.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9300	103.969	ug/l #	7

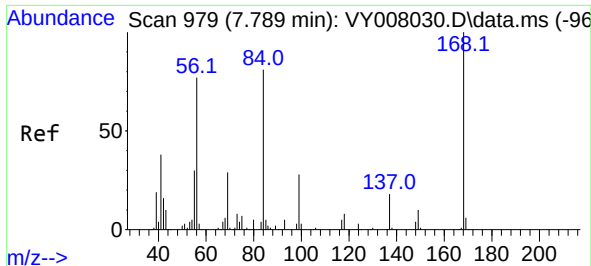
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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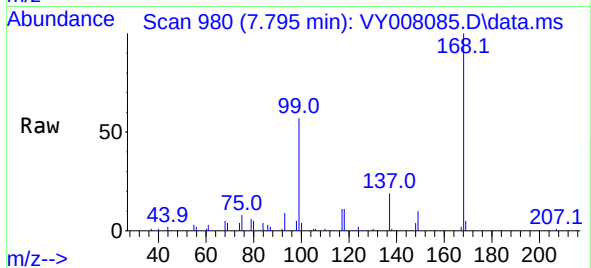
Quant Time: Mar 30 03:59:36 2022
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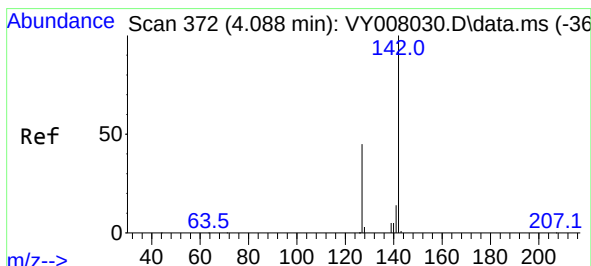
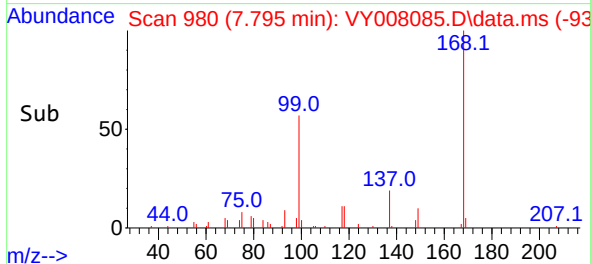
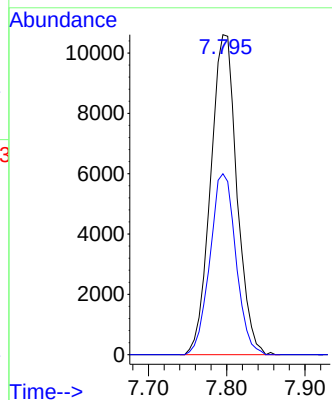


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

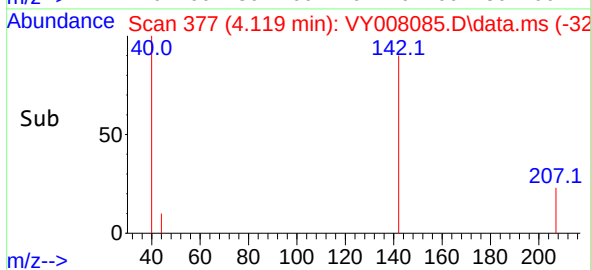
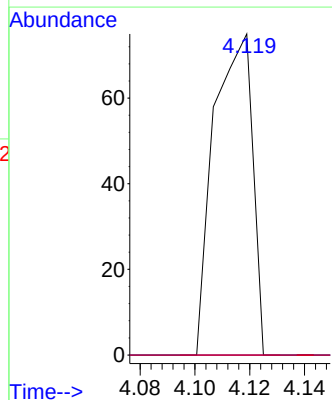
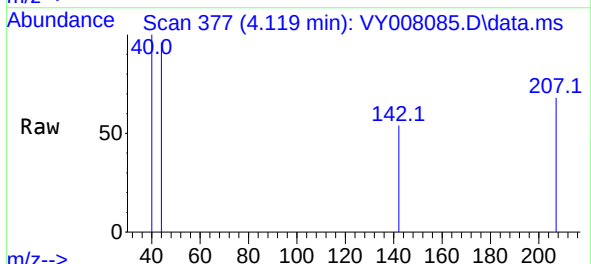


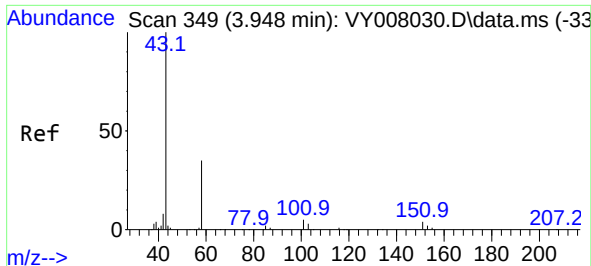
Tgt Ion:168 Resp: 24755
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#10
Methyl Iodide
Concen: 1.910 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

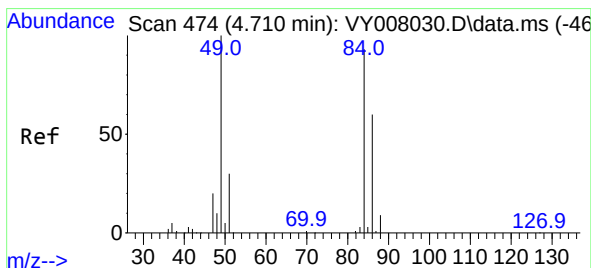
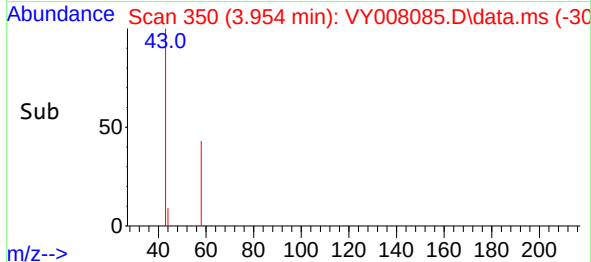
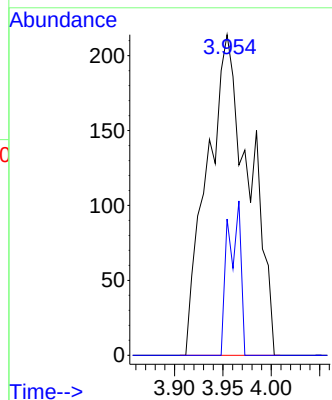
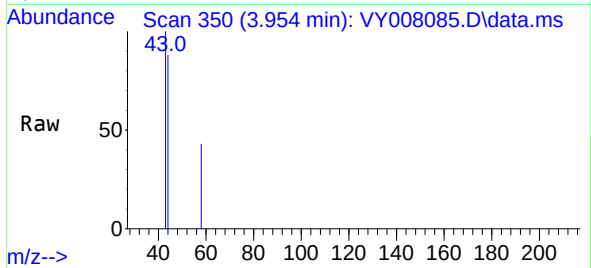




#16
Acetone
Concen: 11.362 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

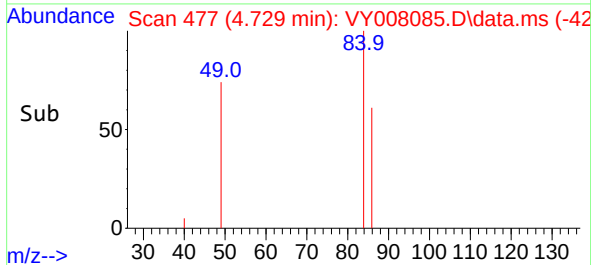
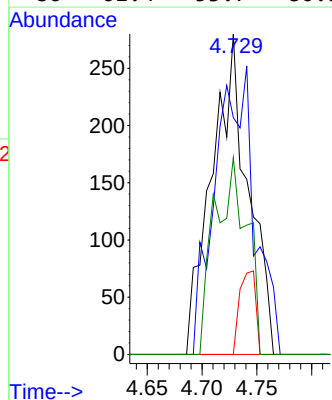
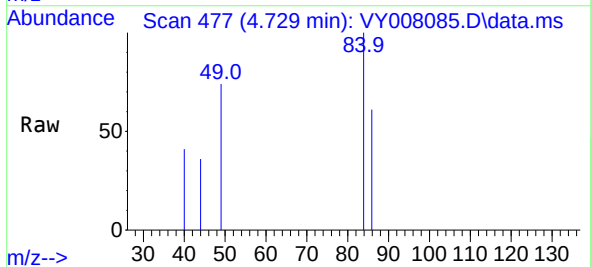
Instrument :
MSVOA_Y
ClientSampleId :

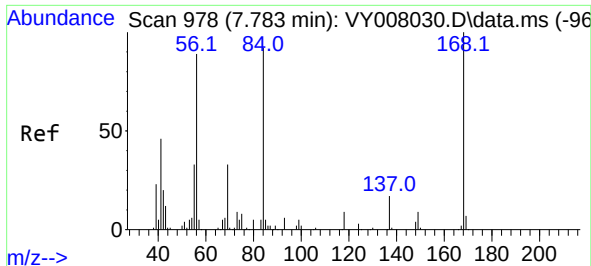
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
58 42.5 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

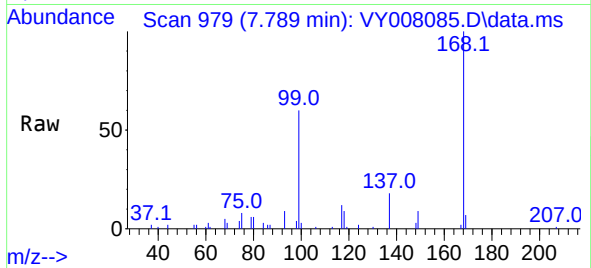
Tgt Ion: 84 Resp: 647
Ion Ratio Lower Upper
84 100
49 73.9 114.4 171.6#
51 0.0 35.3 52.9#
86 61.4 53.7 80.5



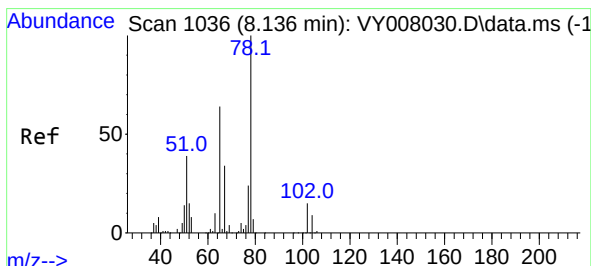
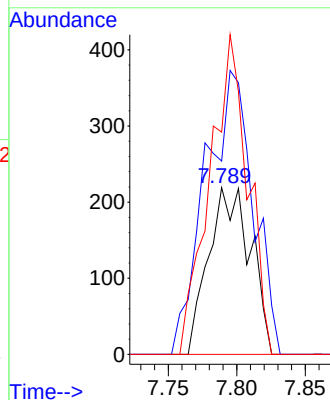
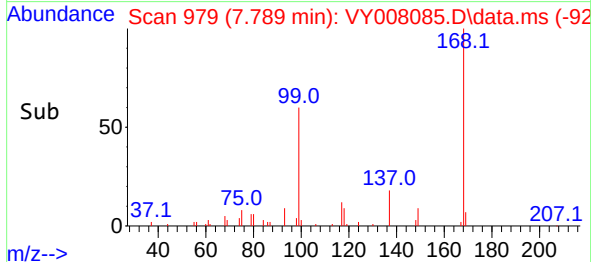


#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

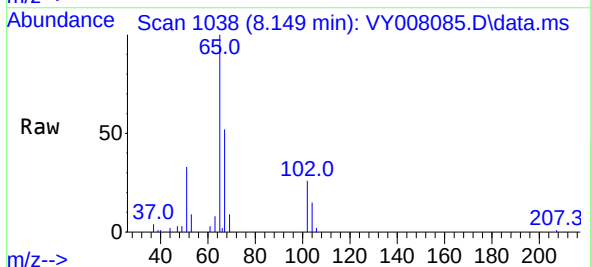
Instrument :
MSVOA_Y
ClientSampleId :



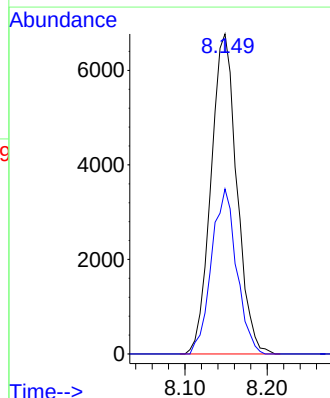
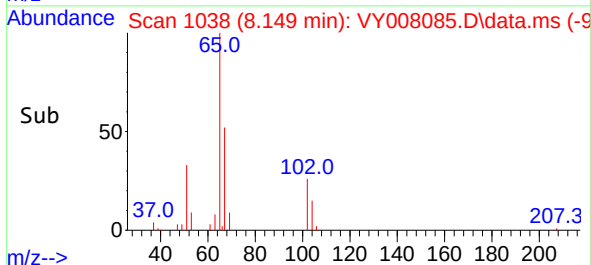
Tgt Ion: 56 Resp: 466
Ion Ratio Lower Upper
56 100
69 116.0 26.7 40.1#
84 133.3 67.2 100.8#

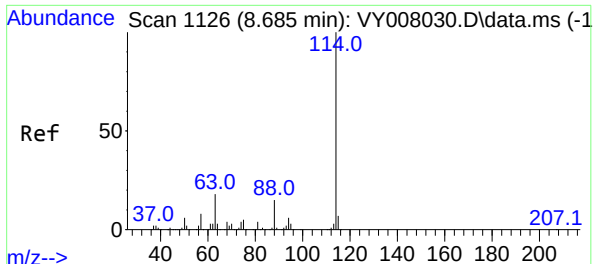


#33
1,2-Dichloroethane-d4
Concen: 59.505 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29



Tgt Ion: 65 Resp: 14779
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY008085.D

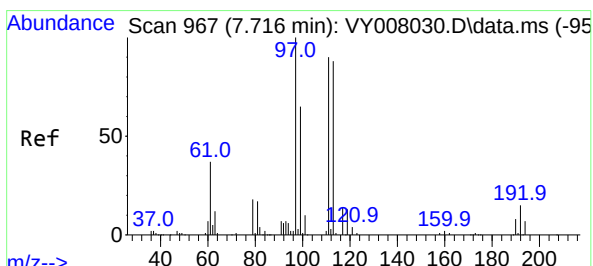
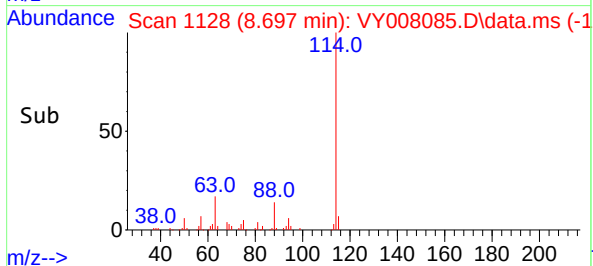
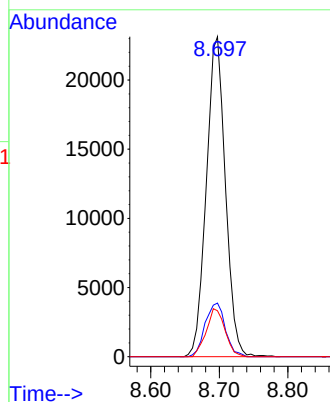
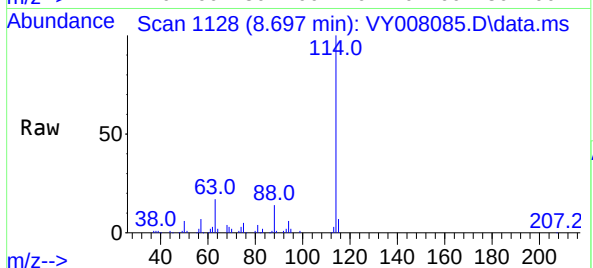
Acq: 29 Mar 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	44813
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	43.2
88	14.3	0.0	31.8



#35

Dibromofluoromethane

Concen: 51.117 ug/l

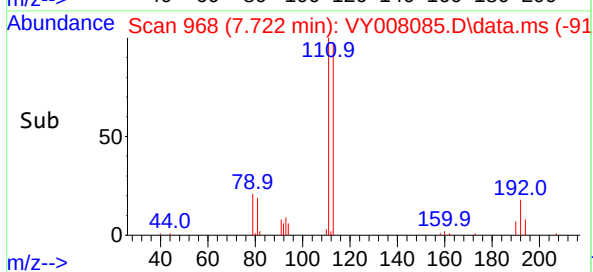
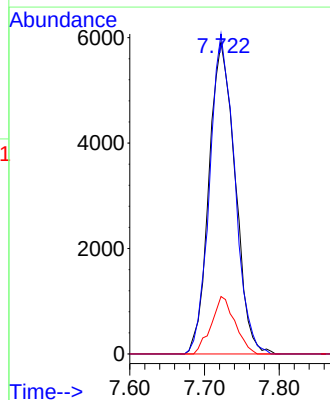
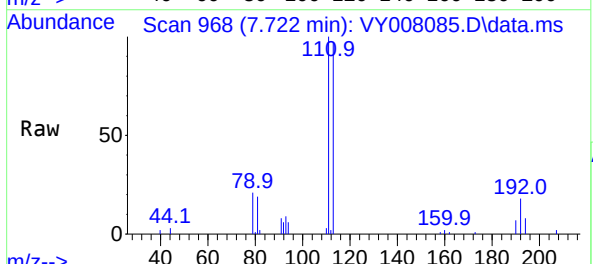
RT: 7.722 min Scan# 968

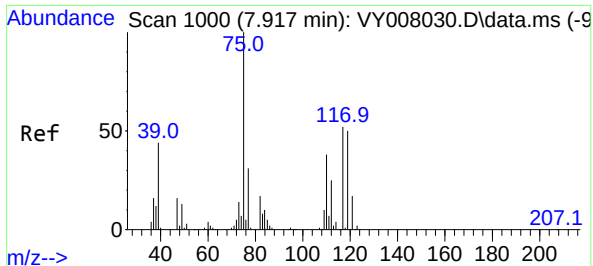
Delta R.T. 0.006 min

Lab File: VY008085.D

Acq: 29 Mar 2022 14:29

Tgt Ion:	113	Resp:	14362
Ion	Ratio	Lower	Upper
113	100		
111	98.4	82.6	124.0
192	16.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 3.943 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

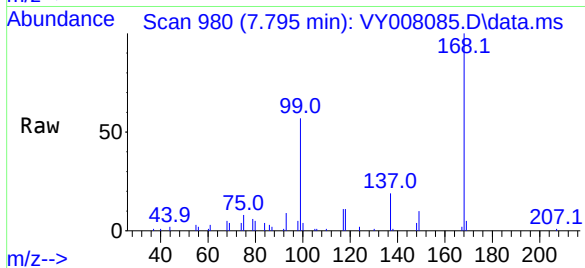
Lab File: VY008085.D

Acq: 29 Mar 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :



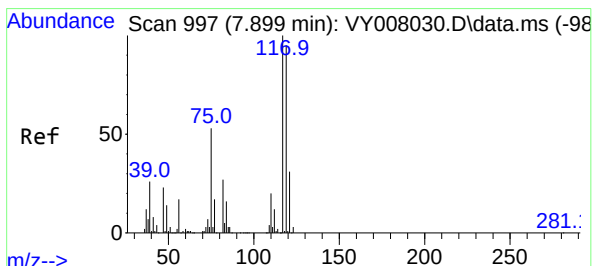
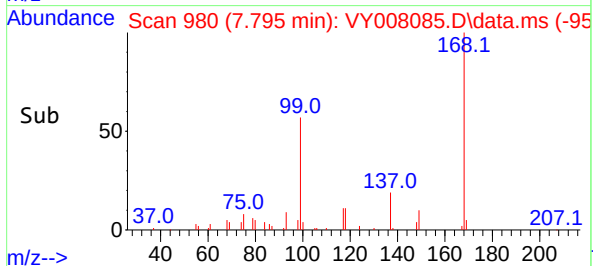
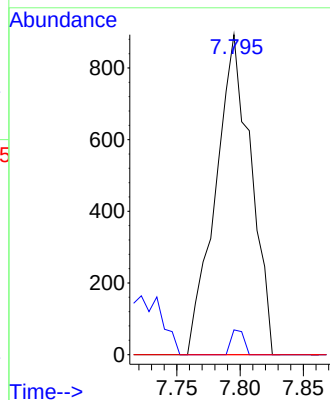
Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

110 2.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.383 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY008085.D

Acq: 29 Mar 2022 14:29

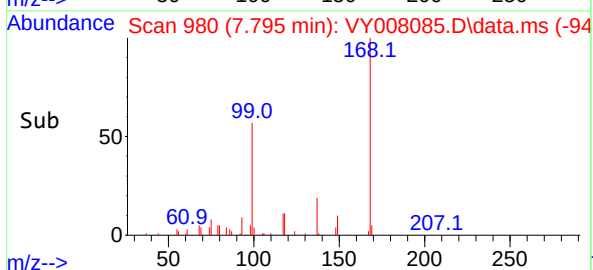
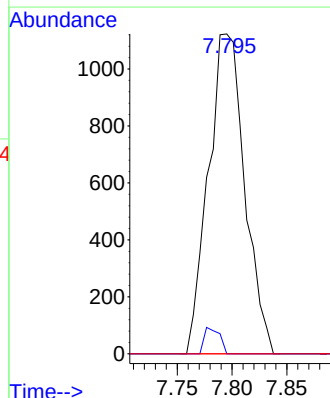
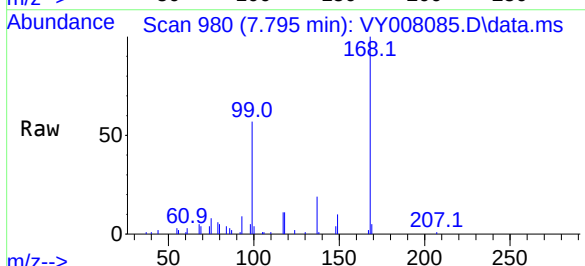
Tgt Ion: 117 Resp: 2589

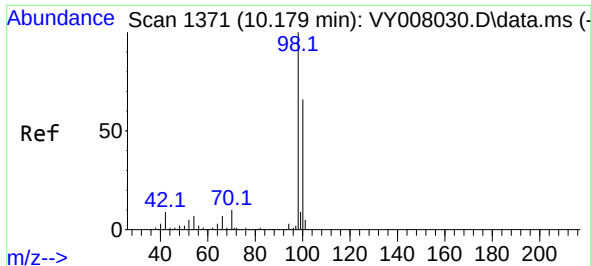
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

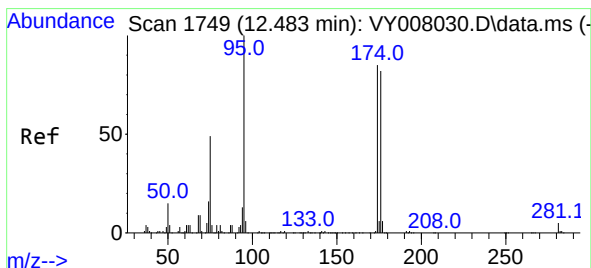
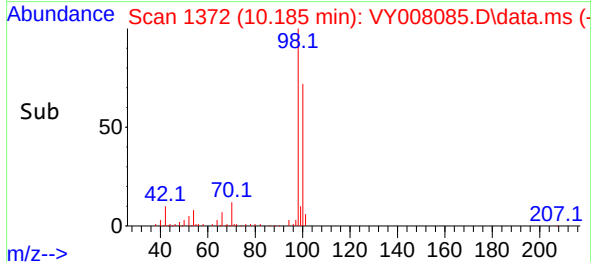
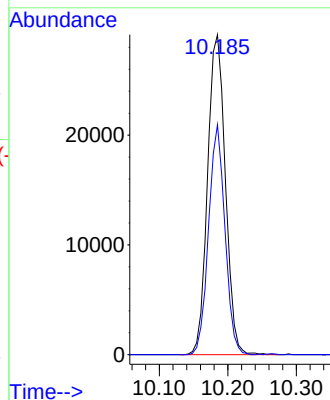
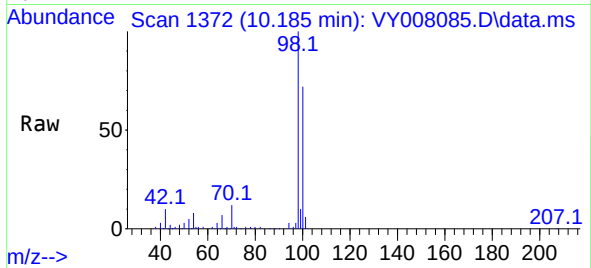




#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

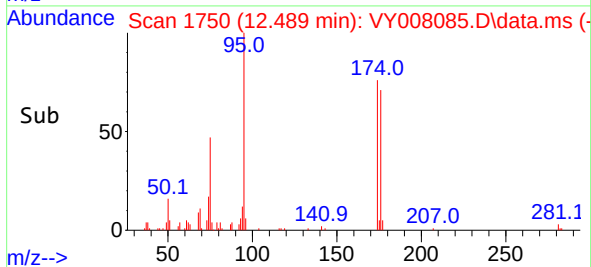
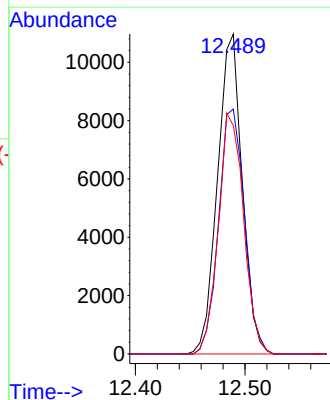
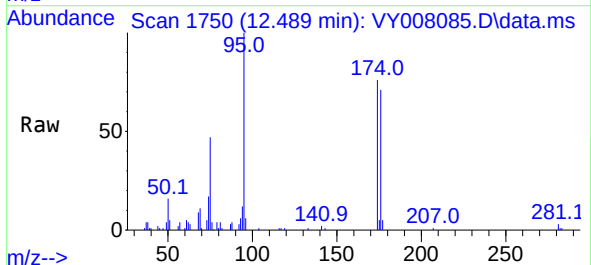
Instrument :
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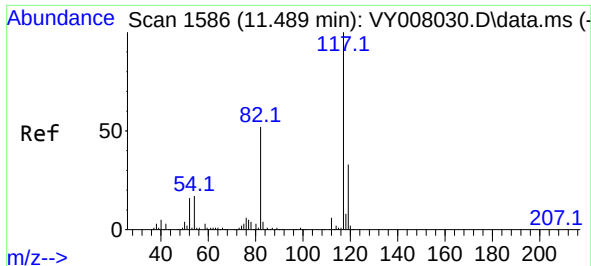
Tgt Ion: 98 Resp: 52620
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

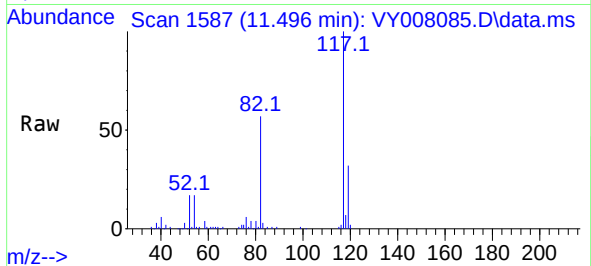
Tgt Ion: 95 Resp: 17214
Ion Ratio Lower Upper
95 100
174 79.8 0.0 177.0
176 76.6 0.0 175.8



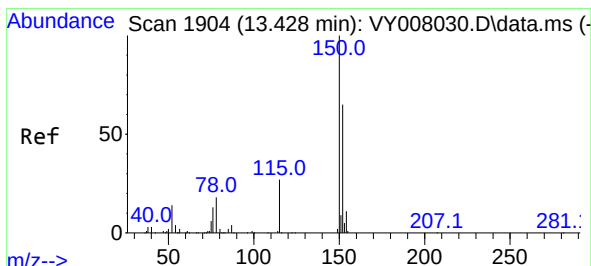
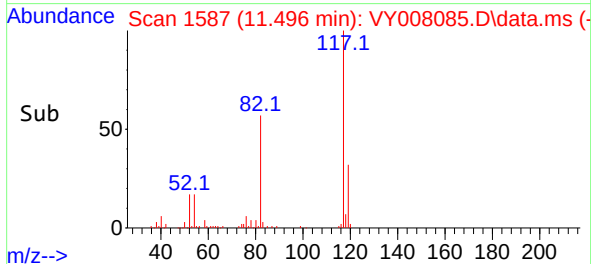
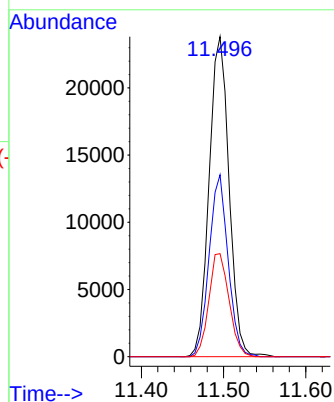


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

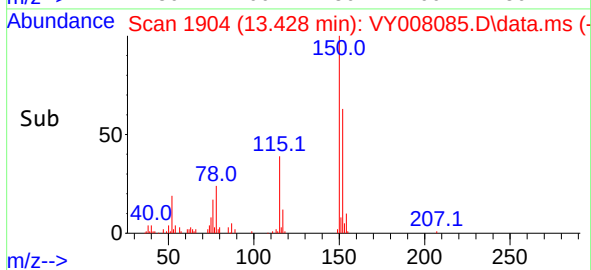
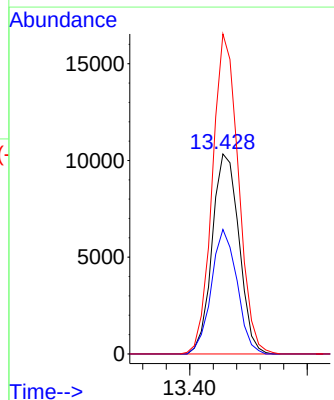
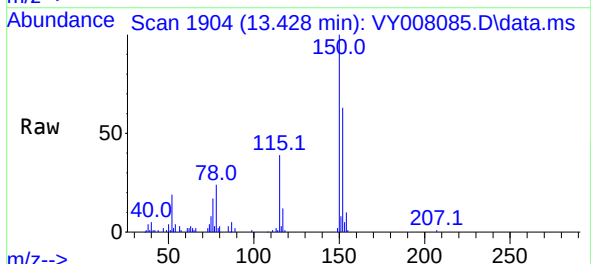


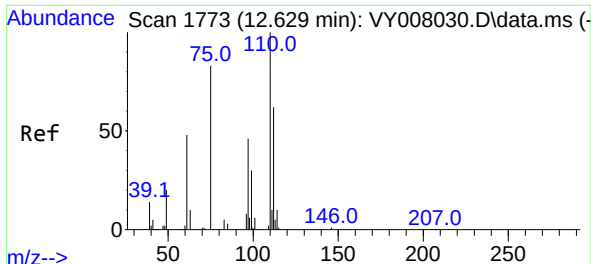
Tgt Ion:117 Resp: 40038
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Tgt Ion:152 Resp: 16372
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 155.5 0.0 347.6

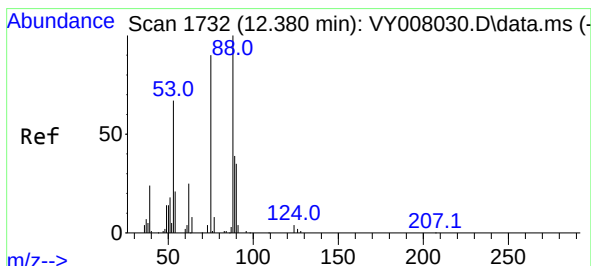
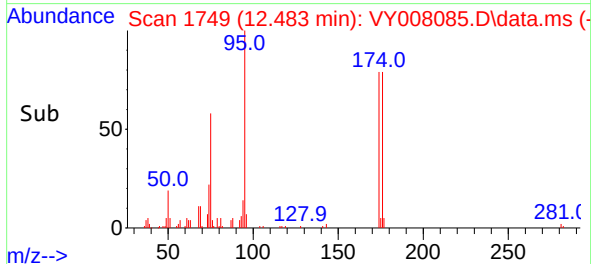
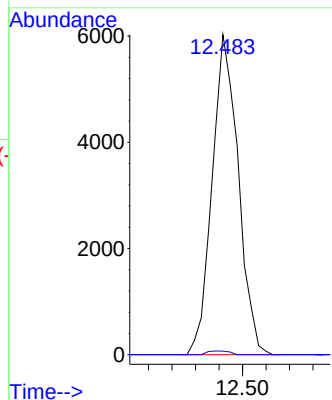
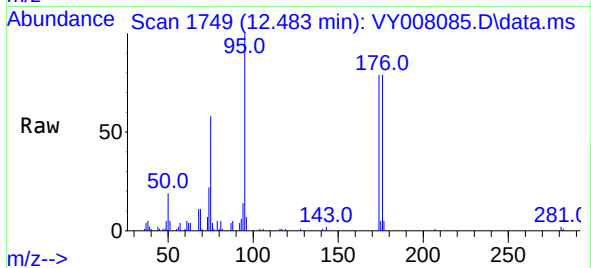




#76
1,2,3-Trichloropropane
Concen: 46.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9300
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008085.D
Acq: 29 Mar 2022 14:29

Tgt Ion: 75 Resp: 9300
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

