

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008054.D
 Acq On : 26 Mar 2022 18:23
 Operator : SY/MD
 Sample : N2095-14
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-4.0-5.0

Quant Time: Mar 28 09:31:01 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)

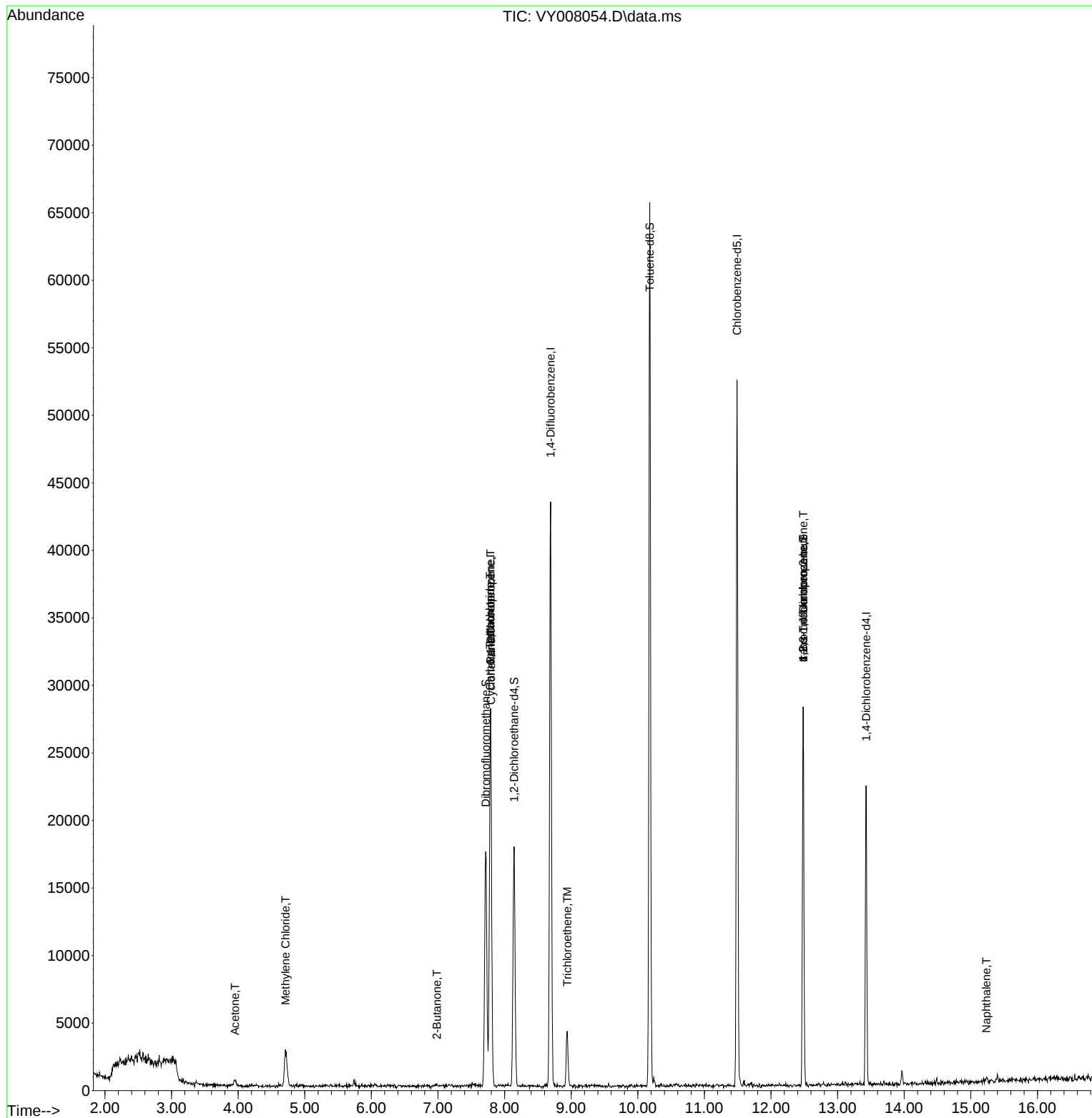
Internal Standards						
1) Pentafluorobenzene	7.789	168	21594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	28902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13655	63.027	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.060%			
35) Dibromofluoromethane	7.716	113	12500	51.795	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.600%			
50) Toluene-d8	10.179	98	43379	47.710	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.420%			
62) 4-Bromofluorobenzene	12.483	95	9028	28.144	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 56.280%			
Target Compounds			Qvalue			
16) Acetone	3.954	43	719	14.519	ug/l #	89
18) Methyl Acetate	4.722	43	46	Below Cal	#	56
20) Methylene Chloride	4.710	84	2059	3.830	ug/l #	82
25) 2-Butanone	6.984	43	123	1.632	ug/l #	54
31) Cyclohexane	7.795	56	508	1.254	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1949	5.141	ug/l #	47
38) Carbon Tetrachloride	7.783	117	2113	5.115	ug/l #	11
44) Trichloroethene	8.941	130	1652	5.268	ug/l	78
76) 1,2,3-Trichloropropane	12.483	75	4852	68.947	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4852	153.831	ug/l #	7
95) Naphthalene	15.233	128	534	2.114	ug/l #	69

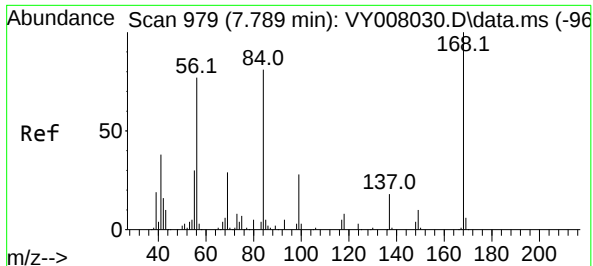
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
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MSVOA_Y
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SB-14-4.0-5.0

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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

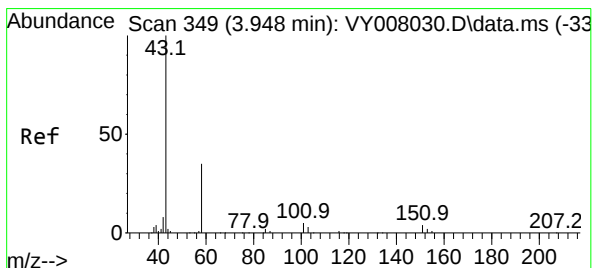
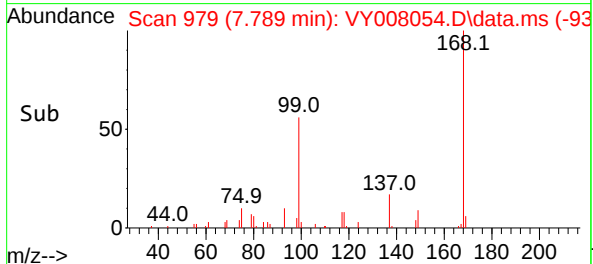
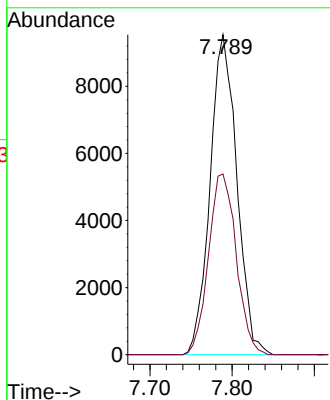
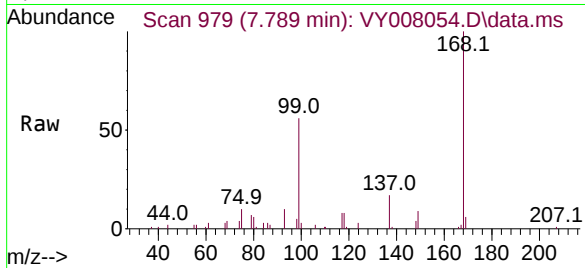




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

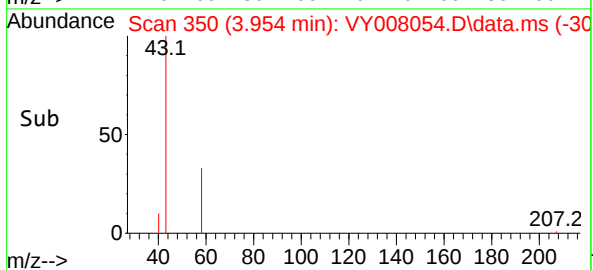
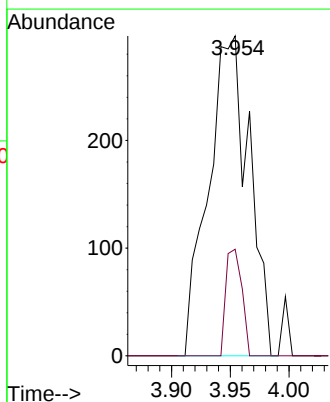
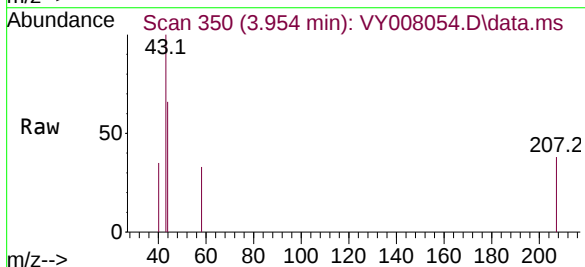
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

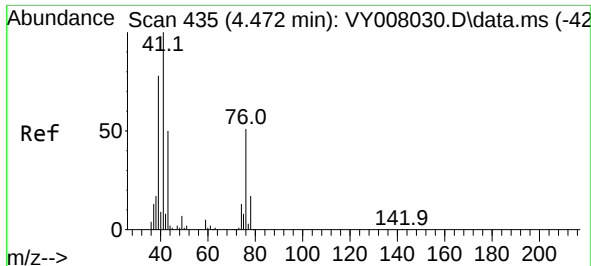
Tgt Ion:168 Resp: 21594
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#16
Acetone
Concen: 14.519 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

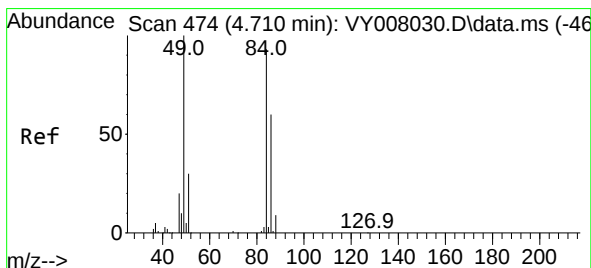
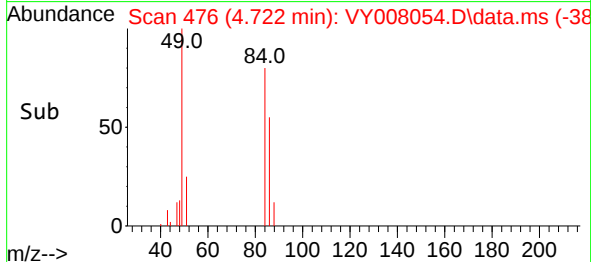
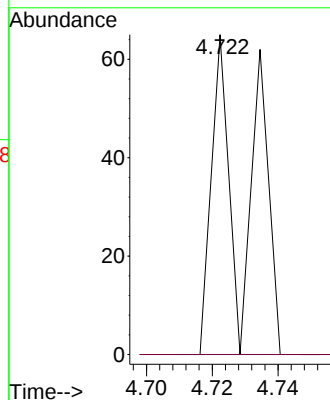
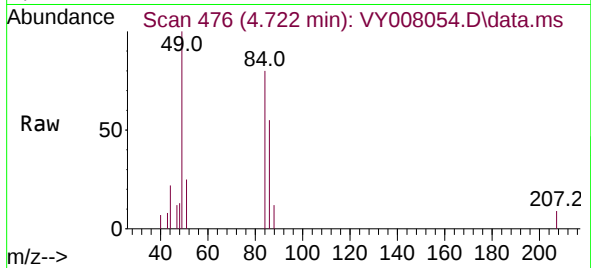




#18
Methyl Acetate
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.250 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

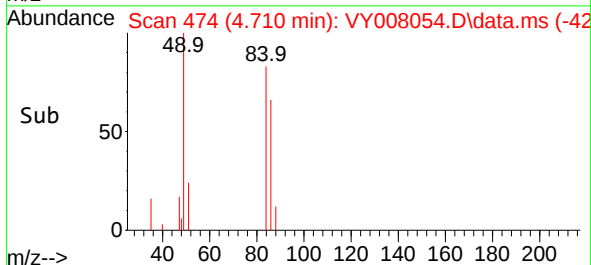
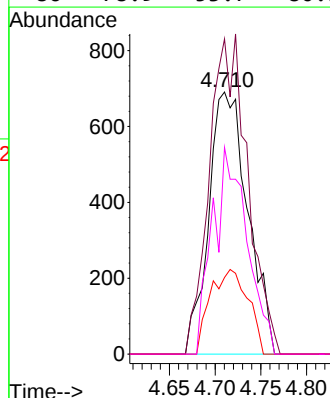
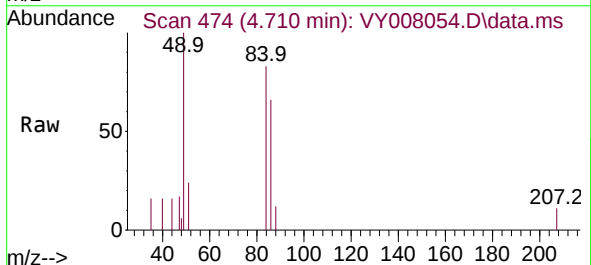
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

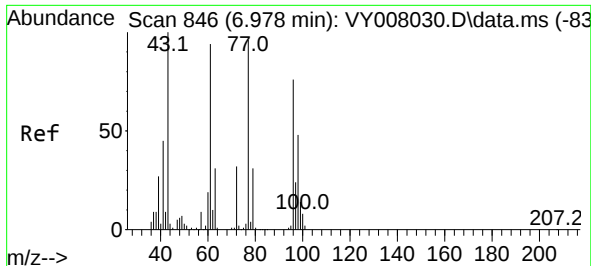
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 3.830 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 84 Resp: 2059
Ion Ratio Lower Upper
84 100
49 120.3 114.4 171.6
51 29.2 35.3 52.9#
86 78.9 53.7 80.5

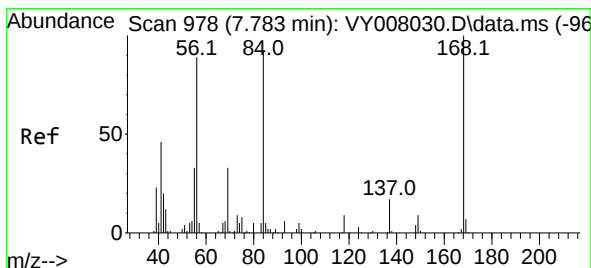
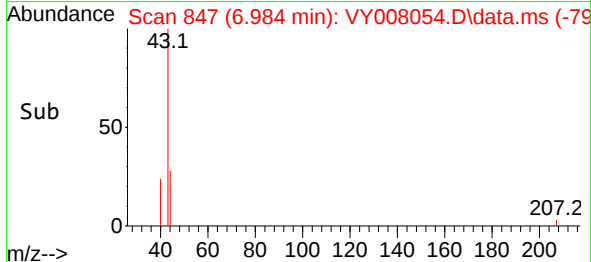
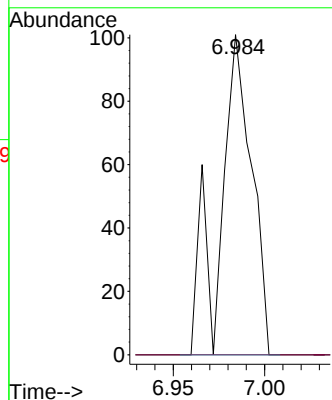
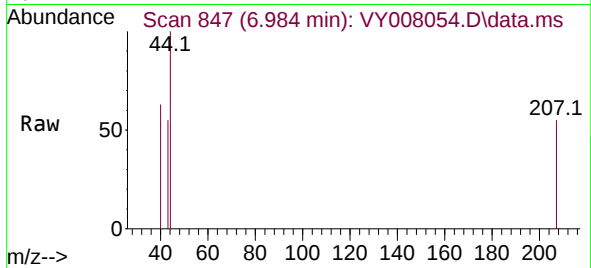




#25
2-Butanone
Concen: 1.632 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

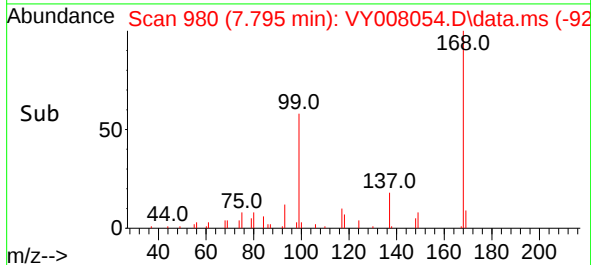
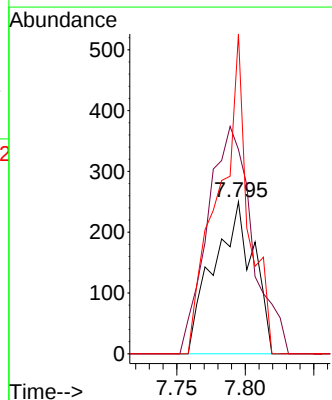
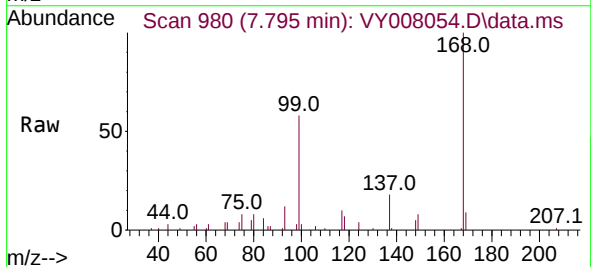
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

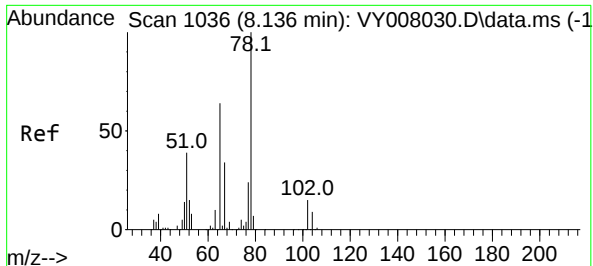
Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 56 Resp: 508
Ion Ratio Lower Upper
56 100
69 134.4 26.7 40.1#
84 210.4 67.2 100.8#

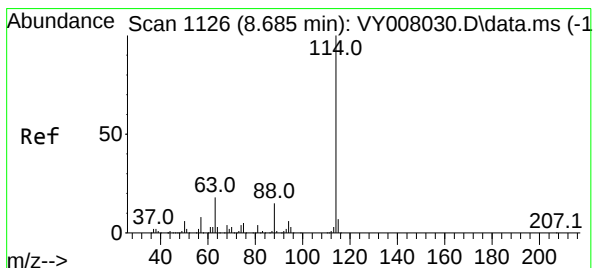
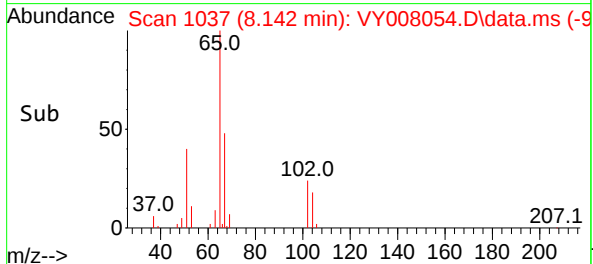
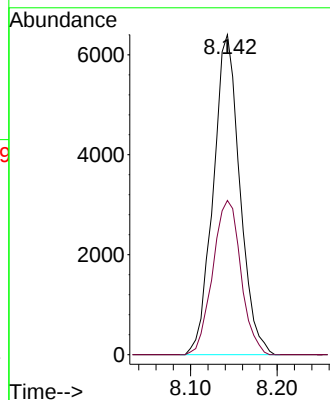
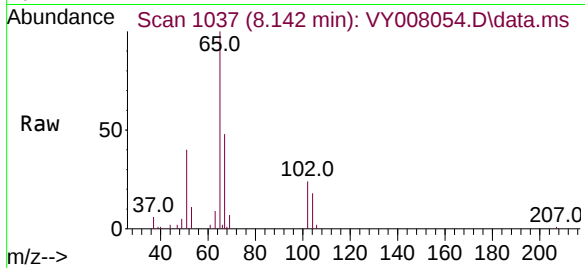




#33
1,2-Dichloroethane-d4
Concen: 63.027 ug/l
RT: 8.142 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

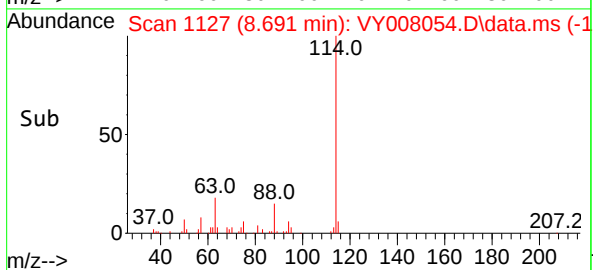
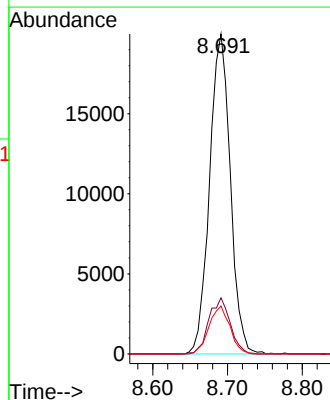
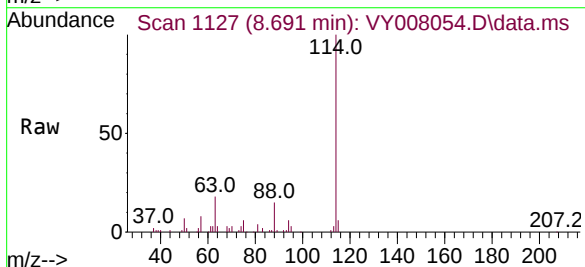
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

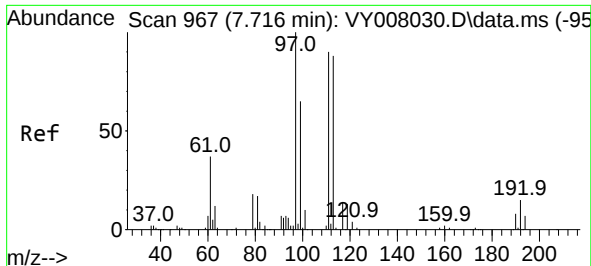
Tgt Ion: 65 Resp: 13655
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 114 Resp: 38492
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 15.0 0.0 31.8

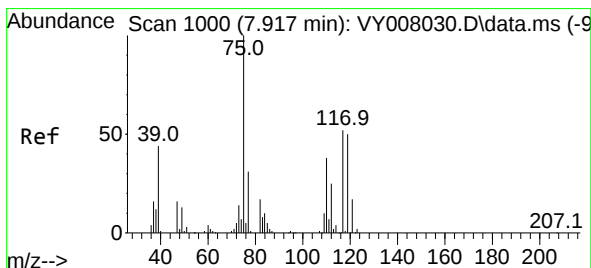
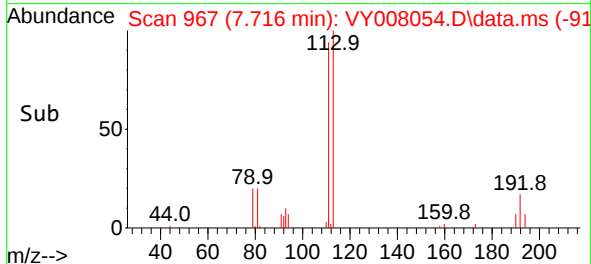
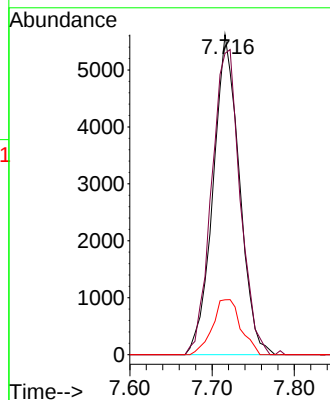
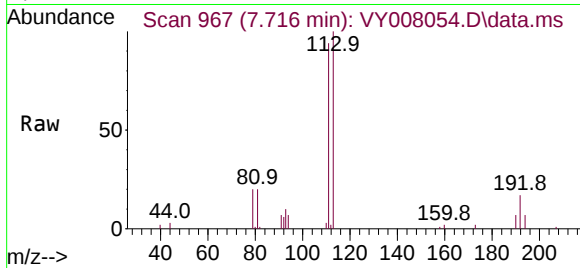




#35
Dibromofluoromethane
Concen: 51.795 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

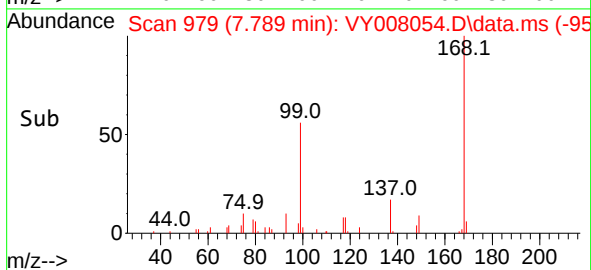
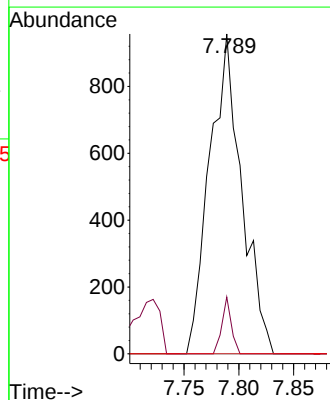
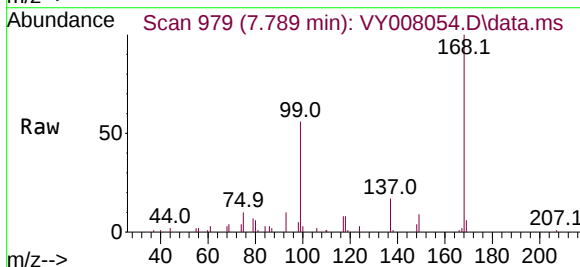
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

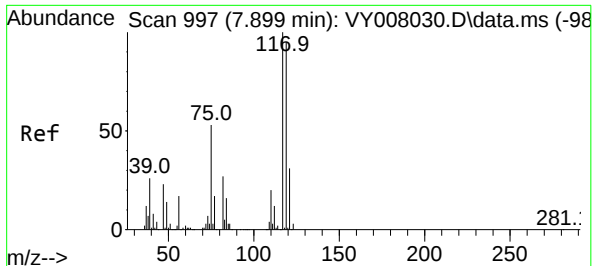
Tgt Ion:113 Resp: 12500
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 75 Resp: 1949
Ion Ratio Lower Upper
75 100
110 5.2 17.1 51.2#
77 0.0 24.4 36.6#

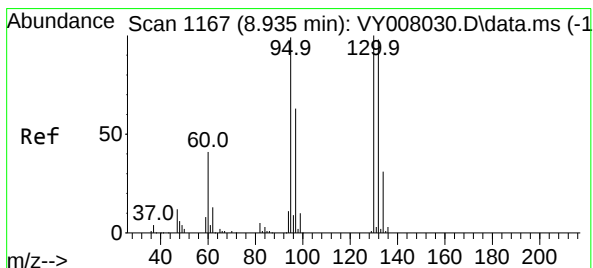
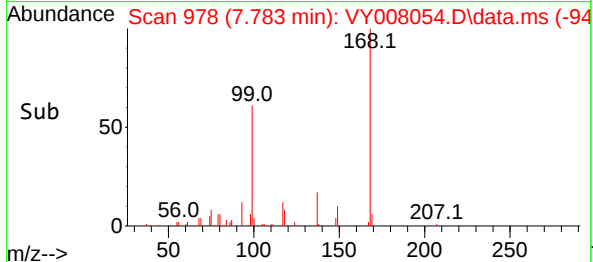
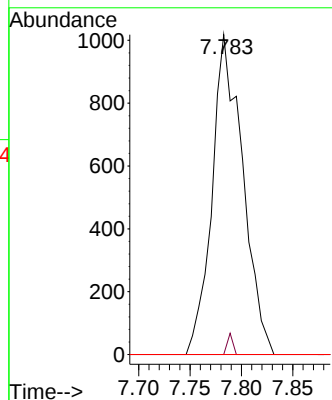
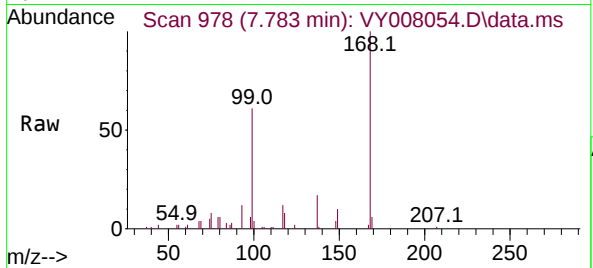




#38
Carbon Tetrachloride
Concen: 5.115 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

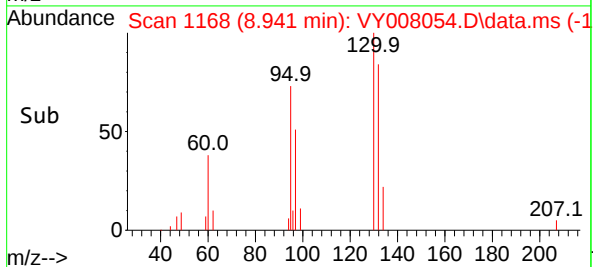
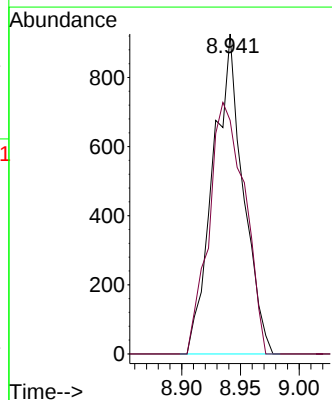
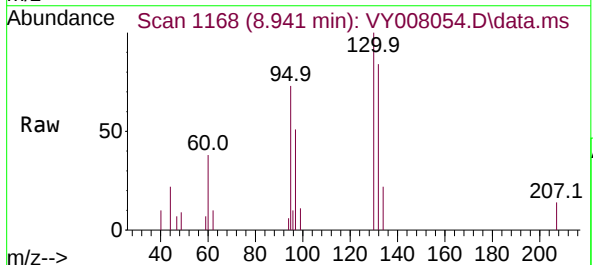
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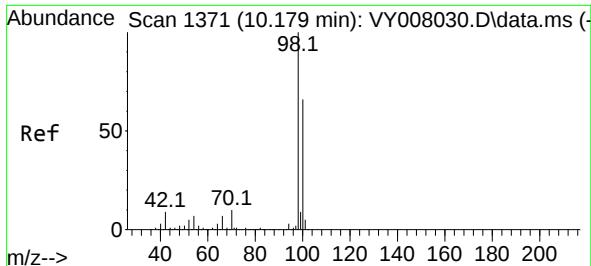
Tgt Ion:117 Resp: 2113
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 5.268 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion:130 Resp: 1652
Ion Ratio Lower Upper
130 100
95 73.0 0.0 188.2

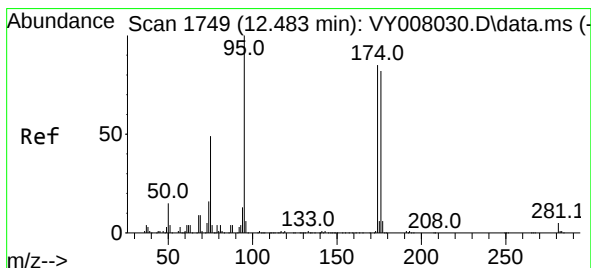
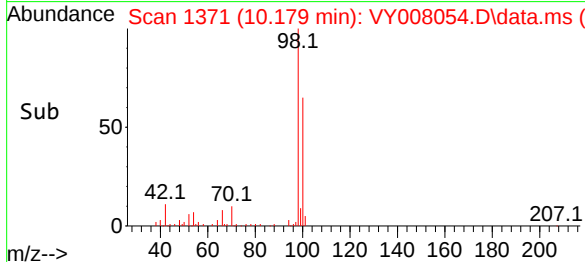
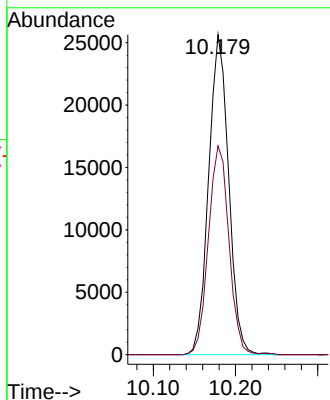
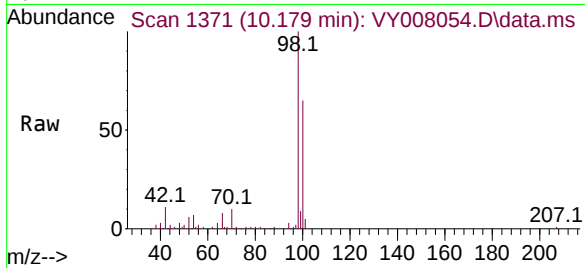




#50
Toluene-d8
Concen: 47.710 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

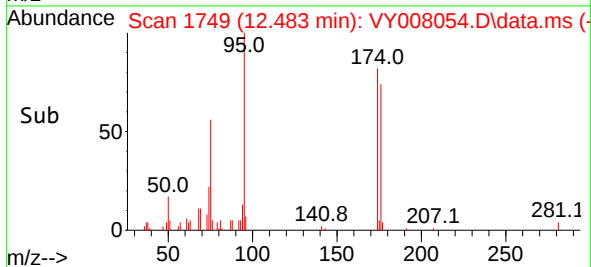
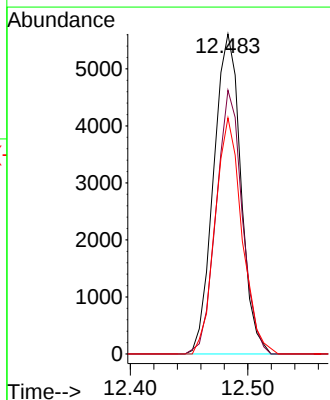
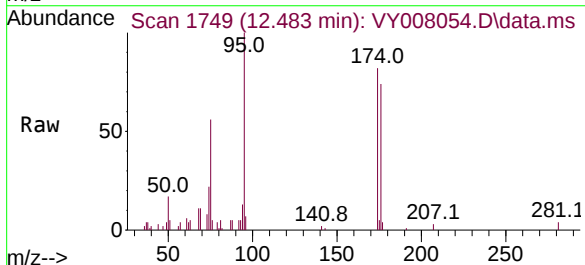
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

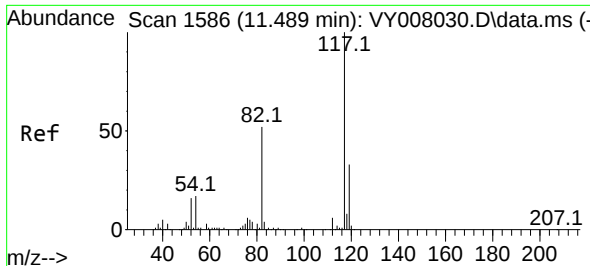
Tgt Ion: 98 Resp: 43379
Ion Ratio Lower Upper
98 100
100 67.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 95 Resp: 9028
Ion Ratio Lower Upper
95 100
174 78.9 0.0 177.0
176 73.1 0.0 175.8

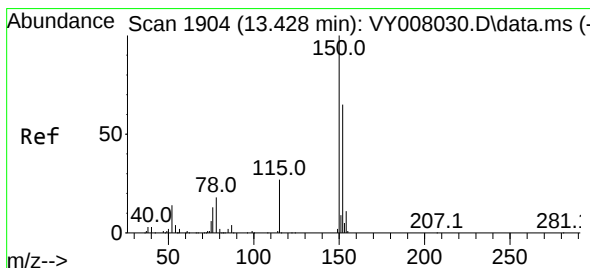
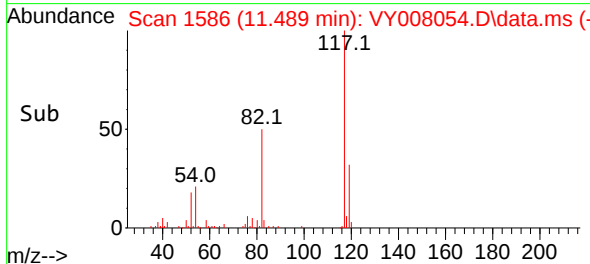
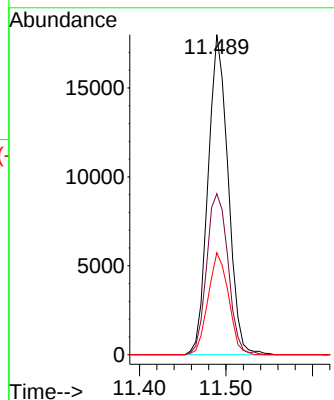
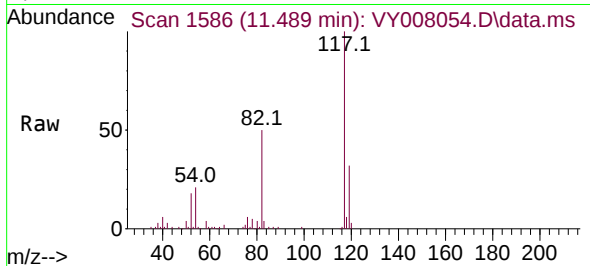




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

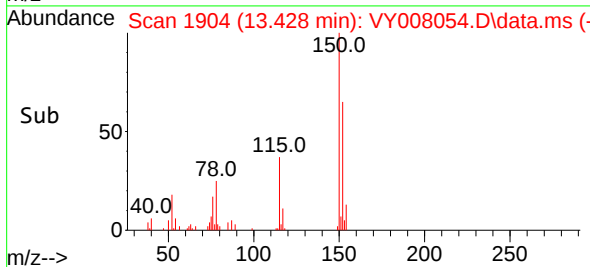
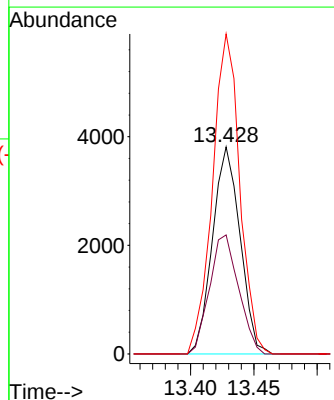
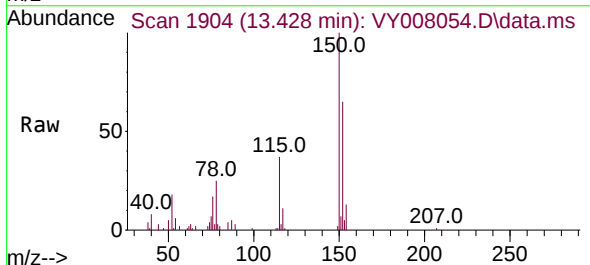
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

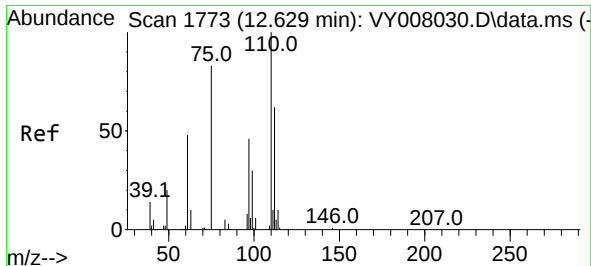
Tgt Ion:	117	Resp:	28902
Ion Ratio	Lower	Upper	
117	100		
82	50.3	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion:	152	Resp:	5773
Ion Ratio	Lower	Upper	
152	100		
115	60.7	28.2	84.7
150	153.0	0.0	347.6

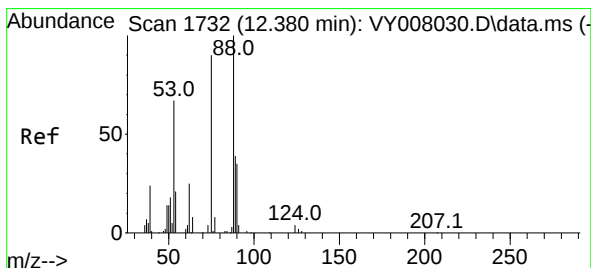
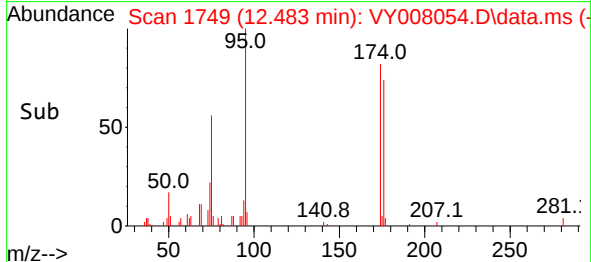
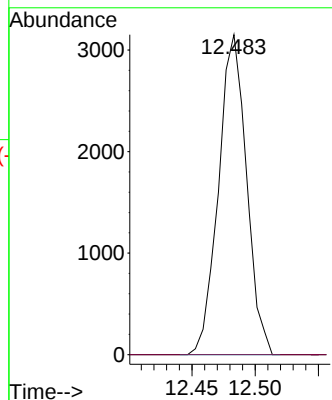
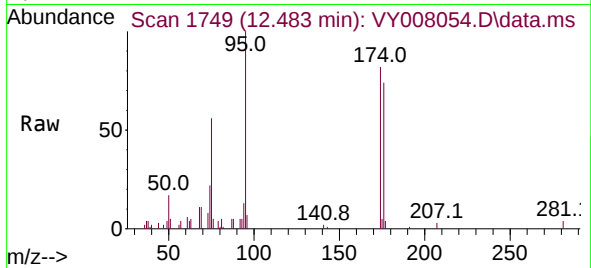




#76
1,2,3-Trichloropropane
Concen: 68.947 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

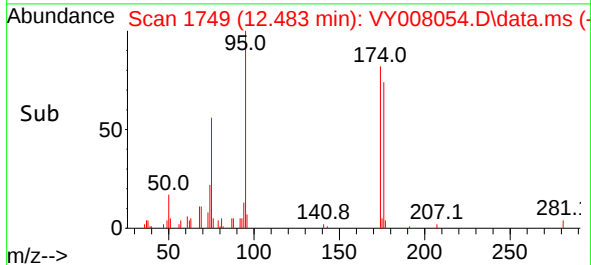
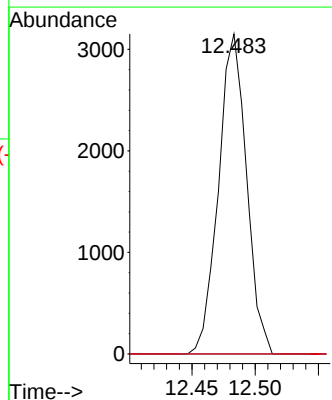
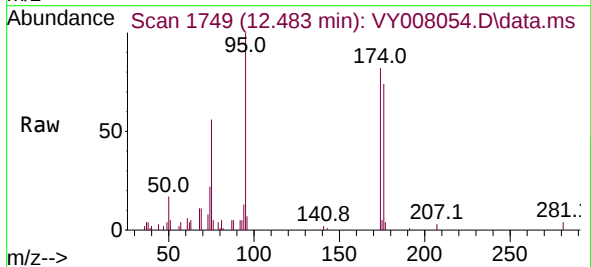
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0

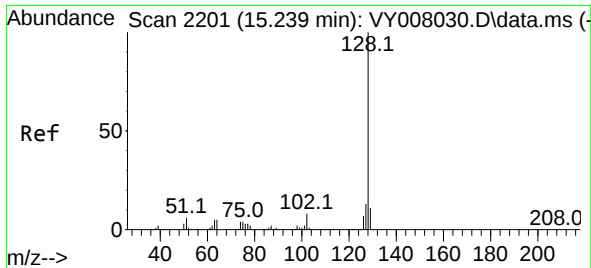
Tgt Ion: 75 Resp: 4852
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 153.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008054.D
Acq: 26 Mar 2022 18:23

Tgt Ion: 75 Resp: 4852
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 2.114 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY008054.D

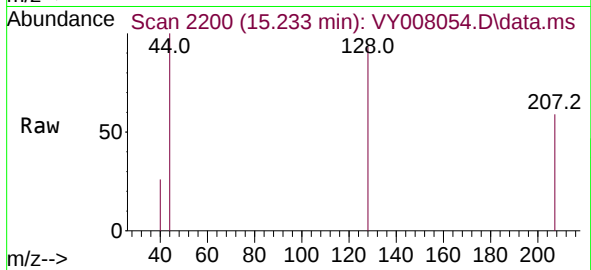
Acq: 26 Mar 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-4.0-5.0



Tgt Ion:128 Resp: 534

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

