

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005274.D
 Acq On : 29 Jun 2021 14:45
 Operator : SY/MD
 Sample : M2856-15
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jun 30 04:00:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

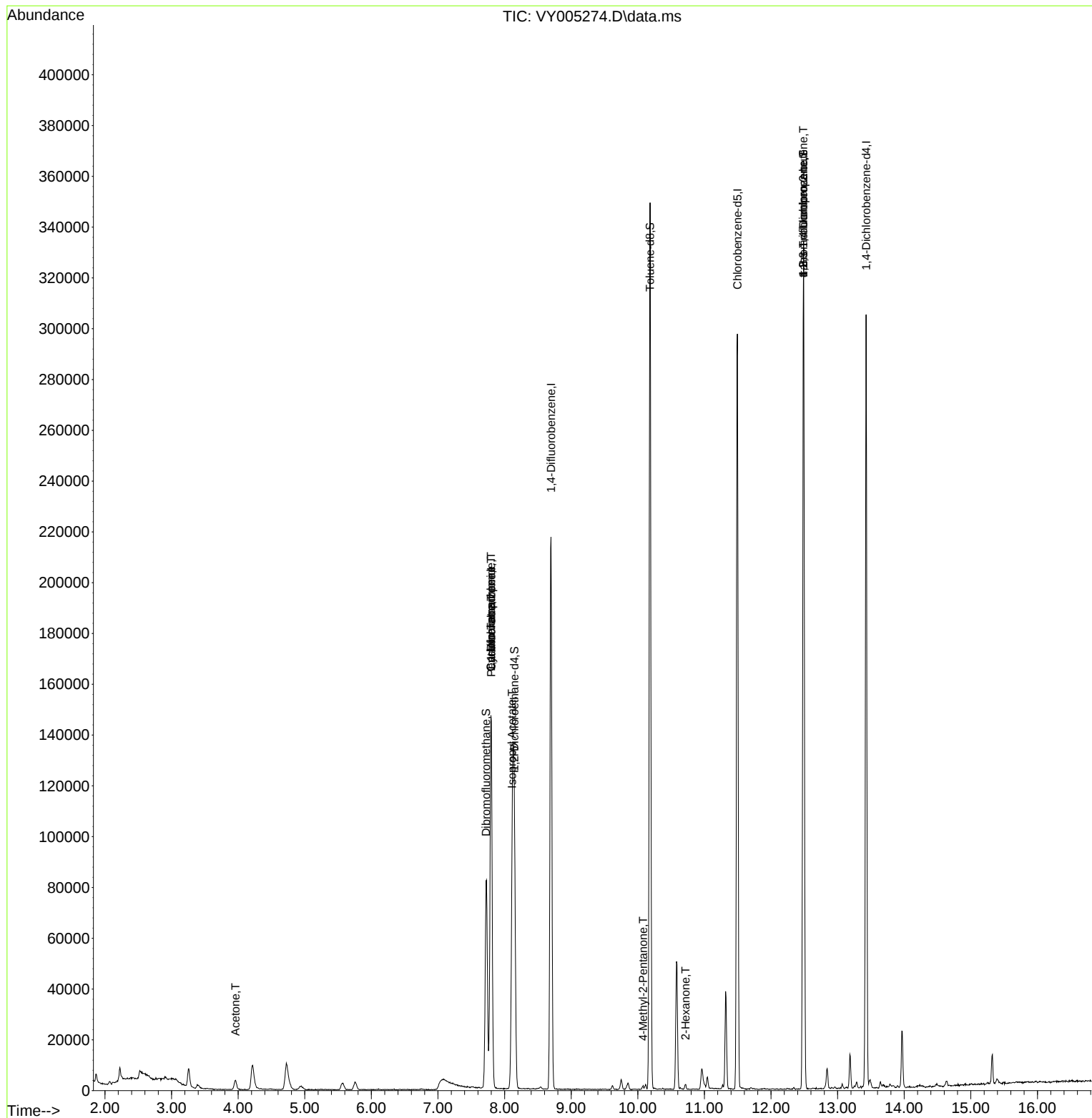
Internal Standards						
1) Pentafluorobenzene	7.801	168	127411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	192132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57110	54.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.02%			
35) Dibromofluoromethane	7.722	113	57084	50.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.76%			
50) Toluene-d8	10.185	98	230132	50.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.58%			
62) 4-Bromofluorobenzene	12.483	95	68397	45.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.60%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	2097	Below Cal	#	77
16) Acetone	3.960	43	6500	26.61	ug/l	94
20) Methylene Chloride	4.722	84	7912	Below Cal		95
31) Cyclohexane	7.795	56	2115	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8580	5.07	ug/l #	48
38) Carbon Tetrachloride	7.795	117	10524	5.94	ug/l #	16
43) Isopropyl Acetate	8.112	43	2627	1.64	ug/l #	6
51) 4-Methyl-2-Pentanone	10.081	43	1130	1.35	ug/l #	77
59) 2-Hexanone	10.715	43	745	1.29	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	34223	47.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34223	88.73	ug/l #	18

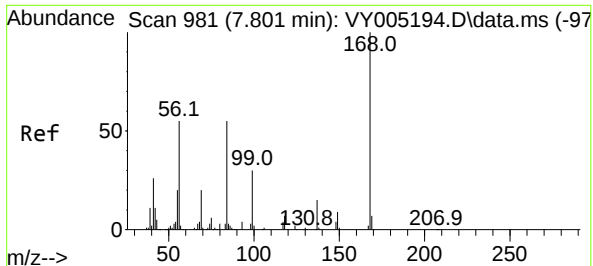
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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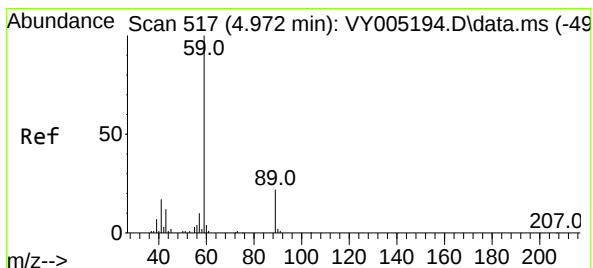
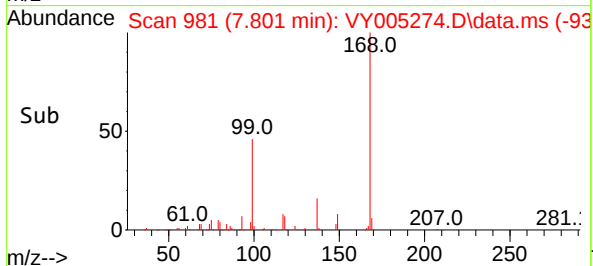
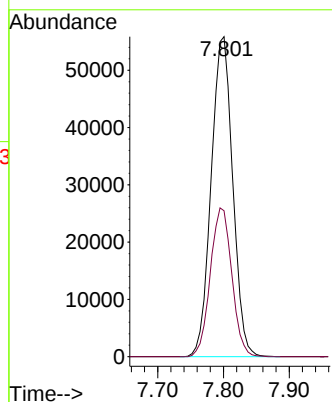
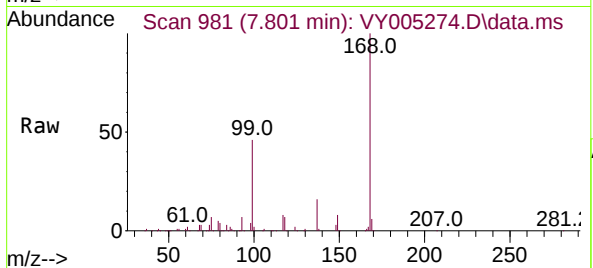




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

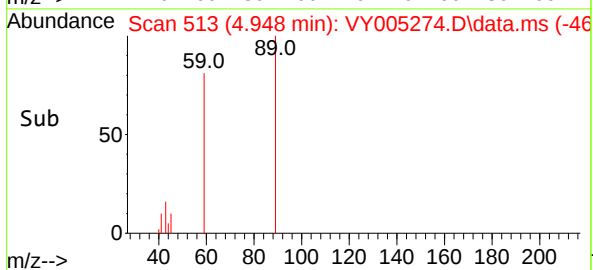
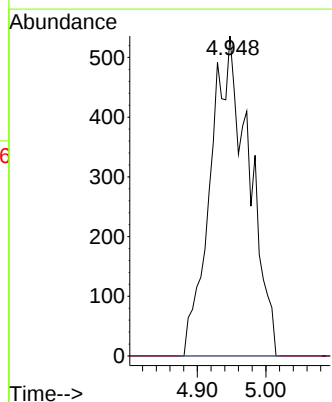
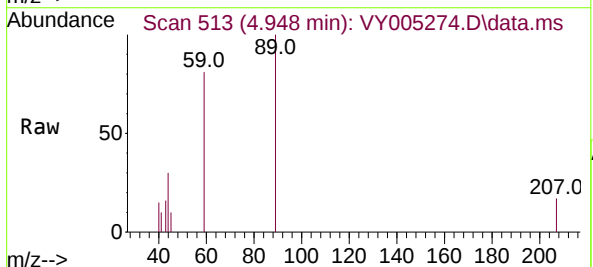
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

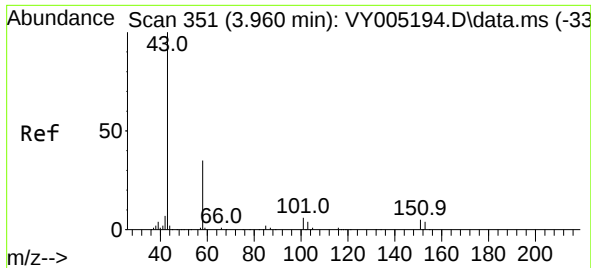
Tgt Ion:168 Resp: 127411
Ion Ratio Lower Upper
168 100
99 45.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 59 Resp: 2097
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

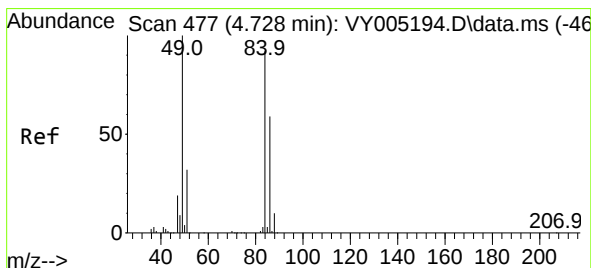
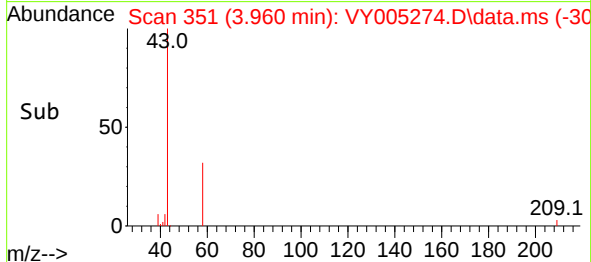
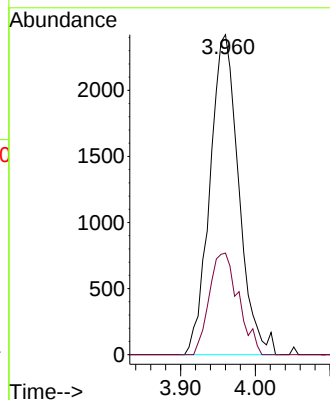
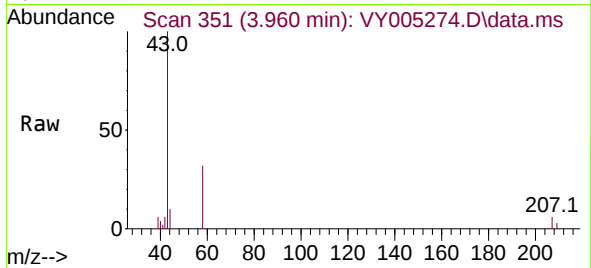




#16
Acetone
Concen: 26.61 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

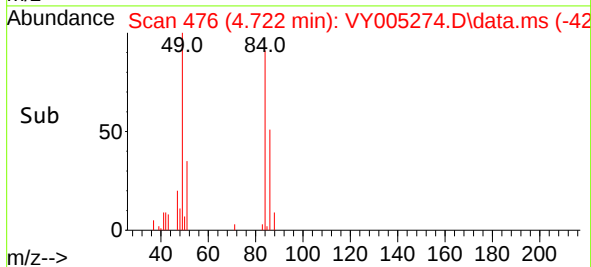
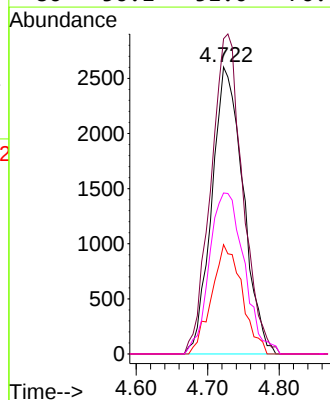
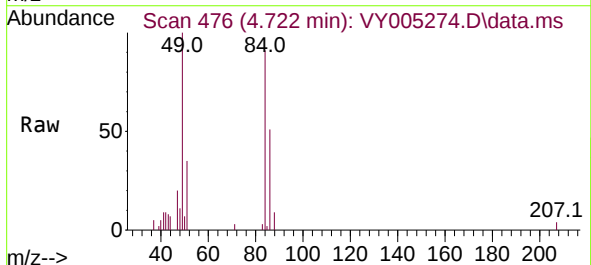
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

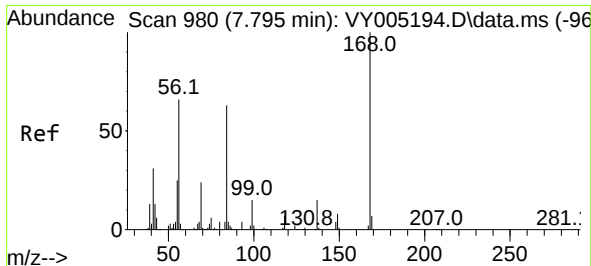
Tgt Ion: 43 Resp: 6500
Ion Ratio Lower Upper
43 100
58 31.7 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 84 Resp: 7912
Ion Ratio Lower Upper
84 100
49 109.9 86.9 130.3
51 38.1 27.4 41.2
86 56.1 51.0 76.6

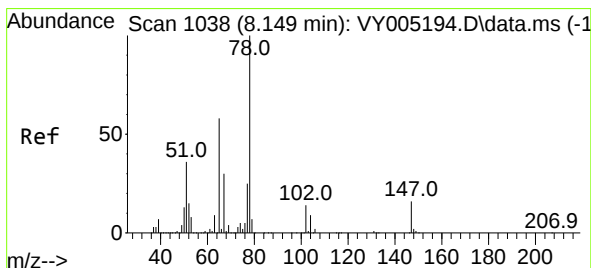
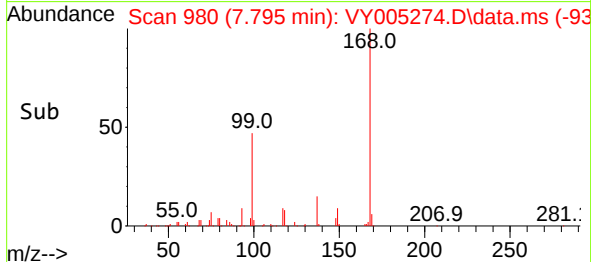
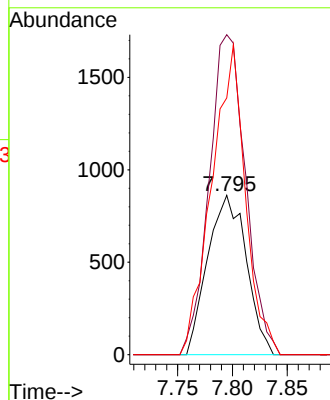
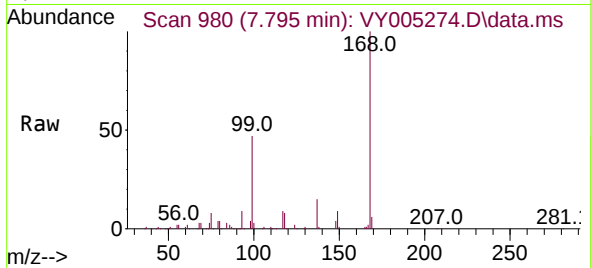




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

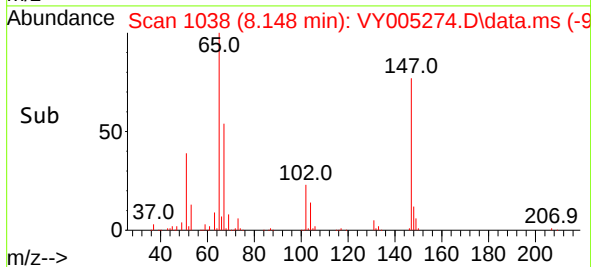
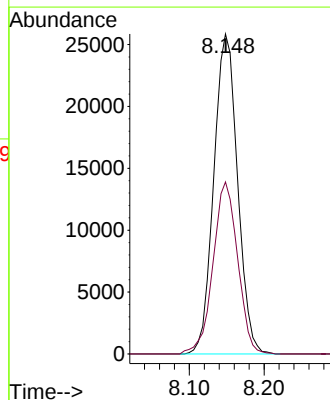
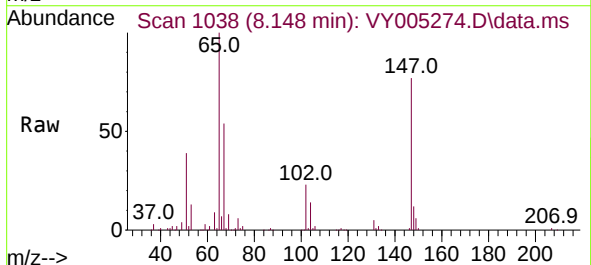
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

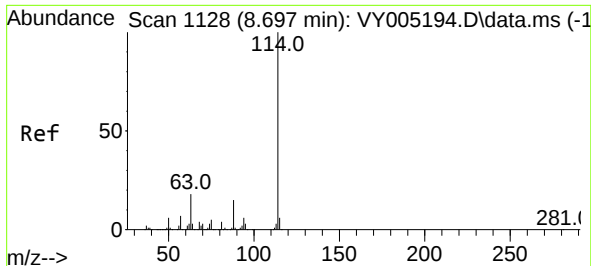
Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
69 200.8 29.6 44.4#
84 161.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 54.01 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 65 Resp: 57110
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6

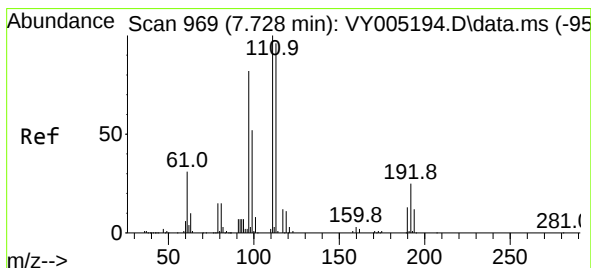
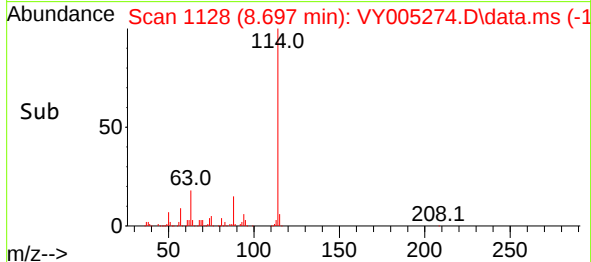
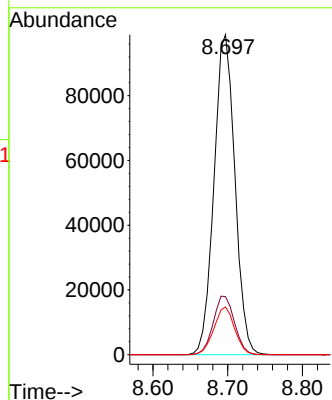
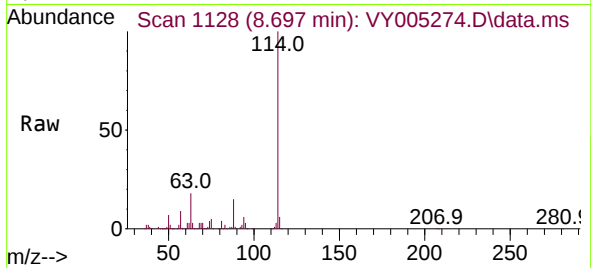




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

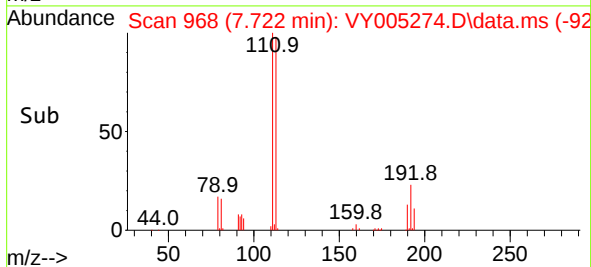
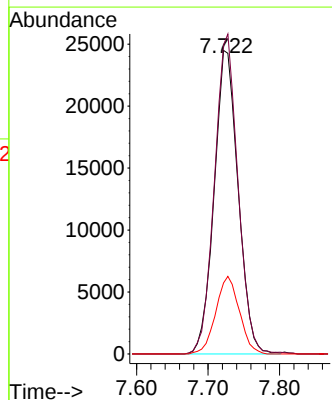
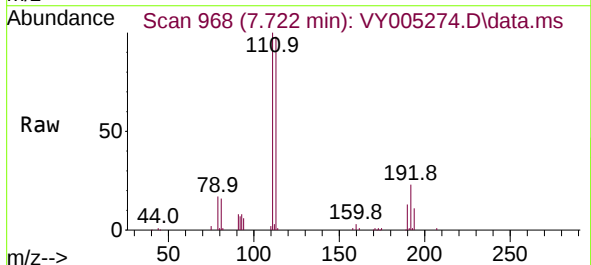
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

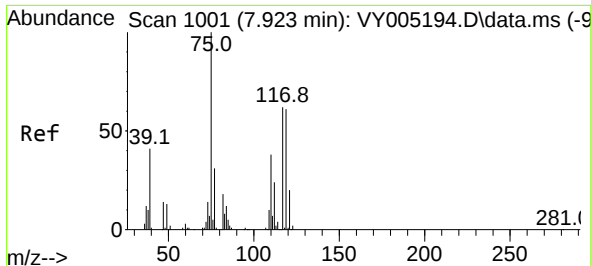
Tgt Ion:	114	Resp:	192132
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	35.2
88	14.9	0.0	29.4



#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion:	113	Resp:	57084
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	124.0
192	25.1	20.2	30.2





#36

1,1-Dichloropropene

Concen: 5.07 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005274.D

Acq: 29 Jun 2021 14:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-9.5-10.0

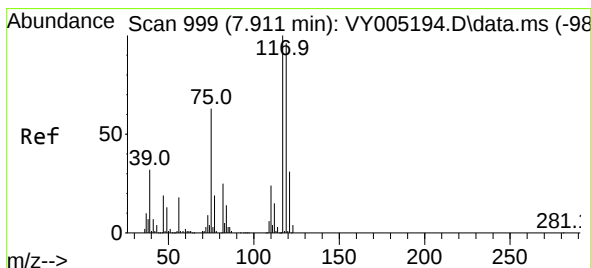
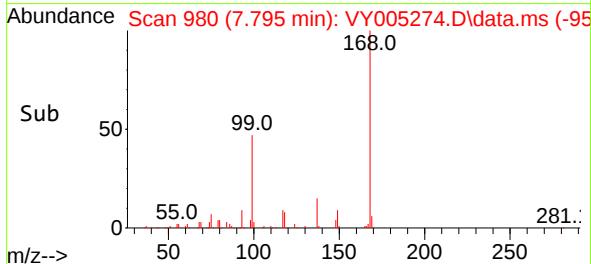
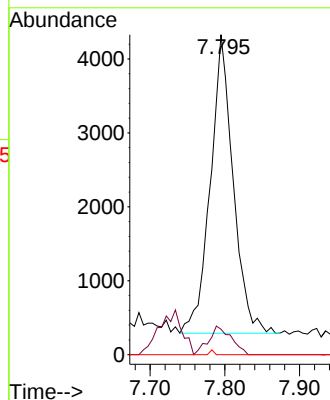
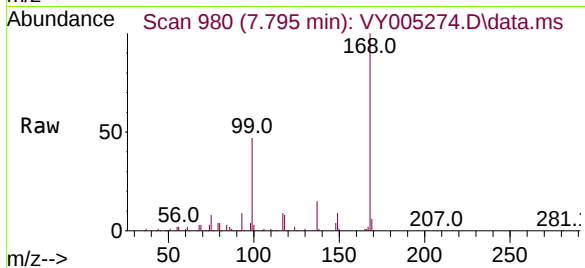
Tgt Ion: 75 Resp: 8580

Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.5#

77 0.3 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.94 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005274.D

Acq: 29 Jun 2021 14:45

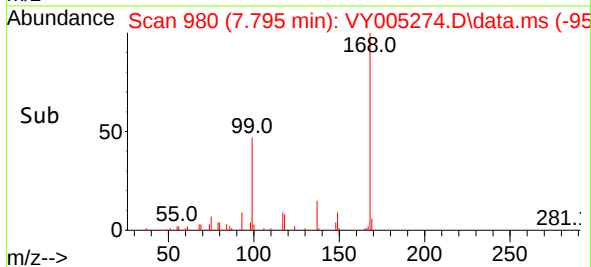
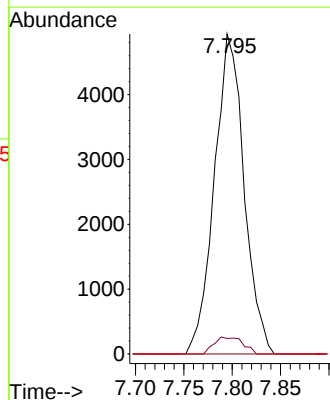
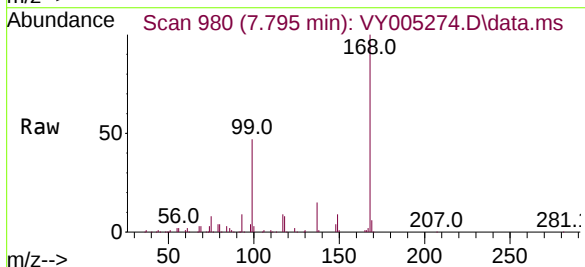
Tgt Ion: 117 Resp: 10524

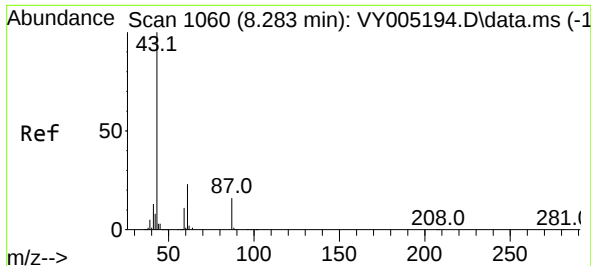
Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.4#

121 0.0 24.7 37.1#

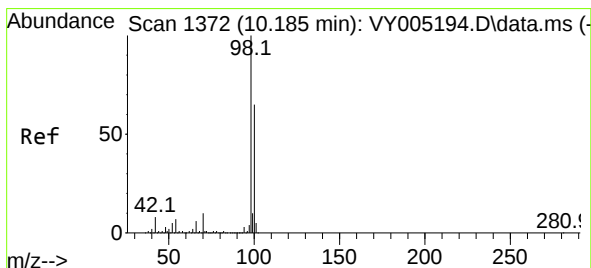
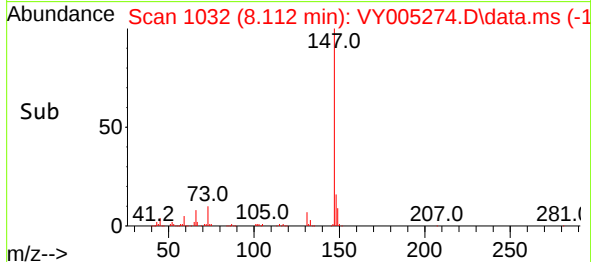
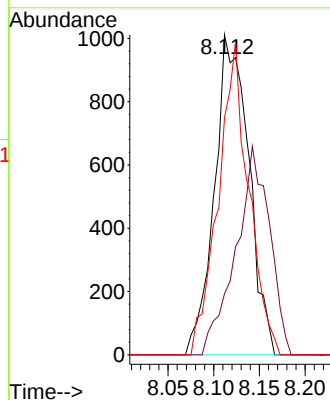
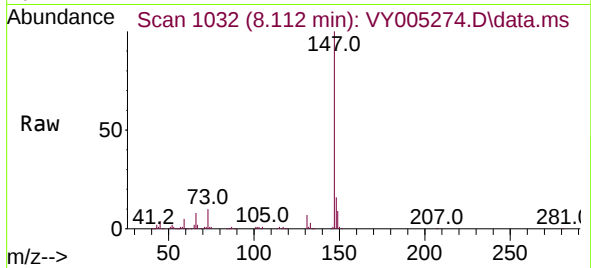




#43
Isopropyl Acetate
Concen: 1.64 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.171 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

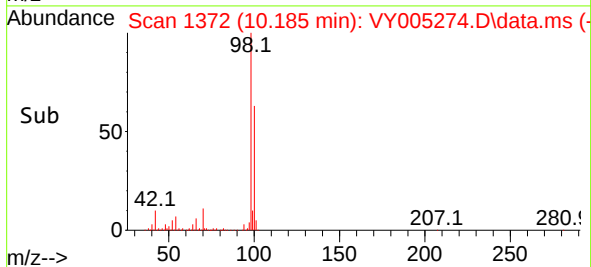
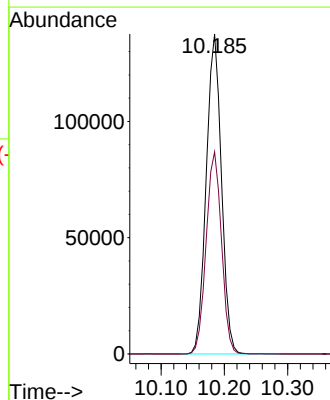
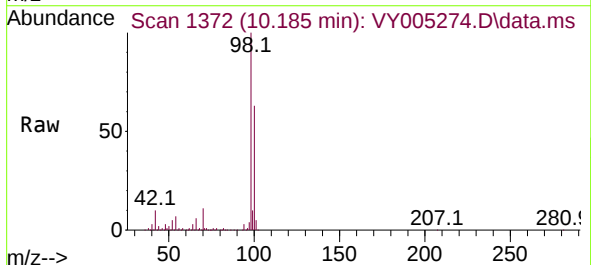
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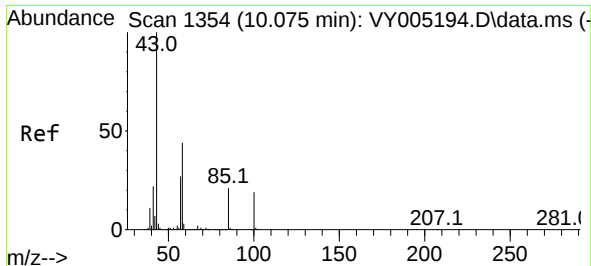
Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
61 0.0 25.5 38.3#
87 87.1 12.9 19.3#



#50
Toluene-d8
Concen: 50.79 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 98 Resp: 230132
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

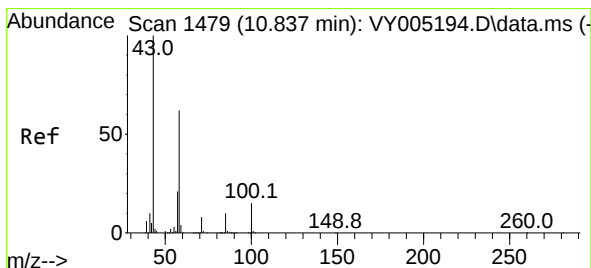
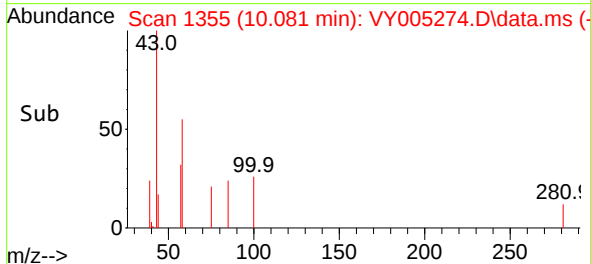
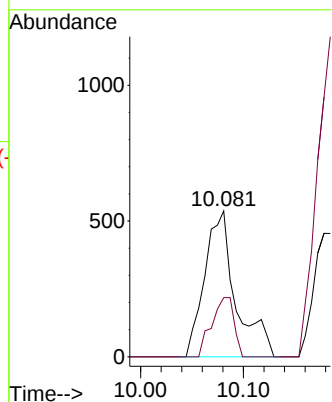
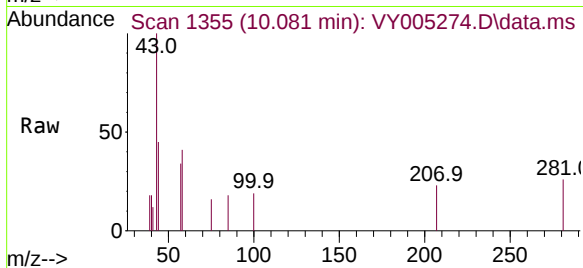




#51
4-Methyl-2-Pentanone
Concen: 1.35 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

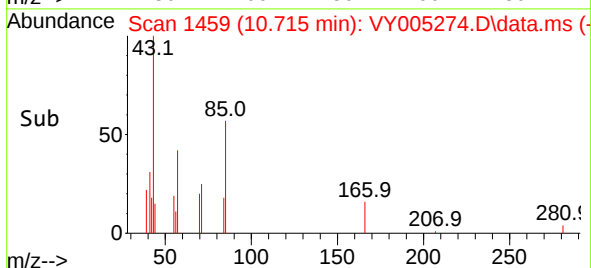
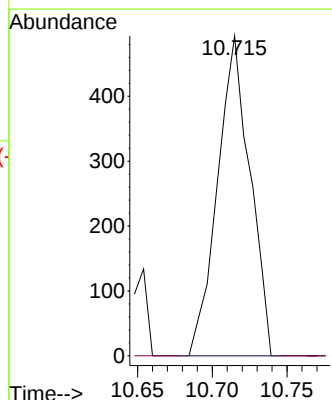
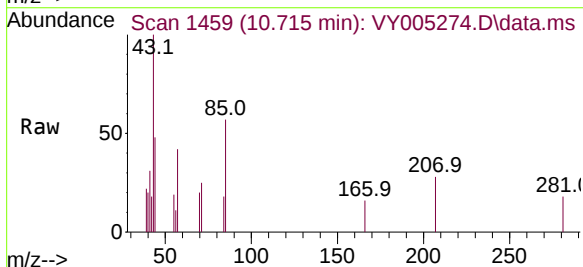
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

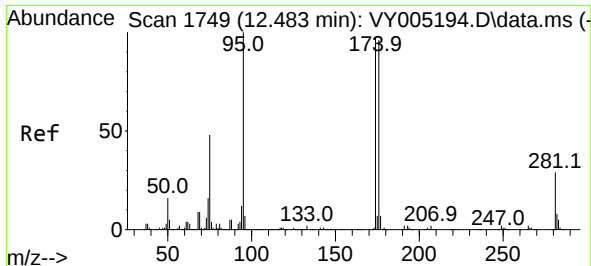
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 28.9 35.3 52.9#



#59
2-Hexanone
Concen: 1.29 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#

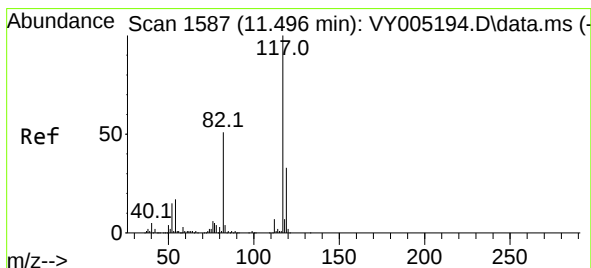
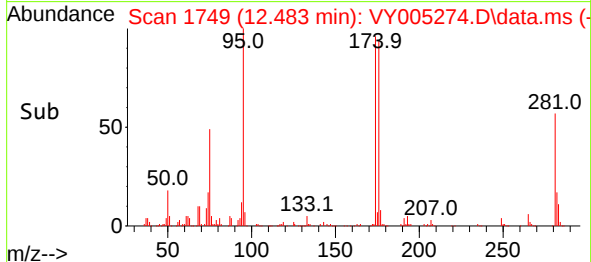
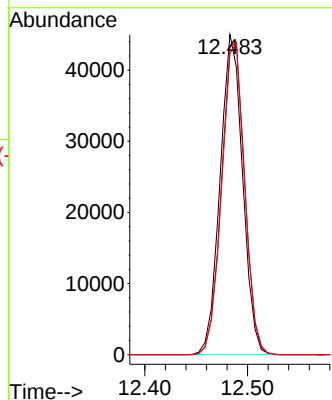
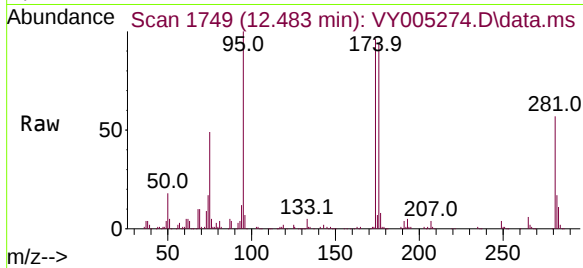




#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

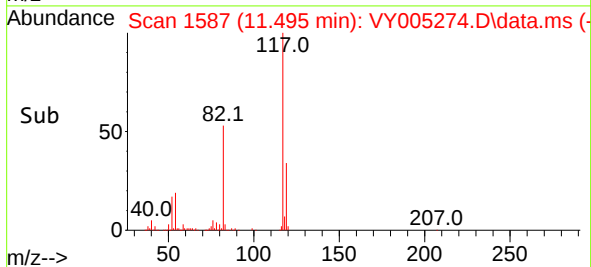
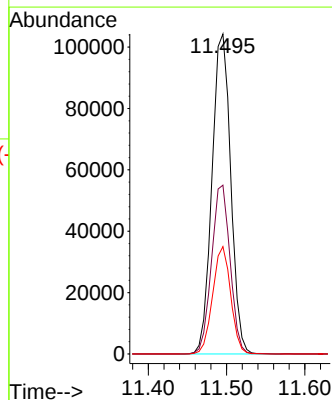
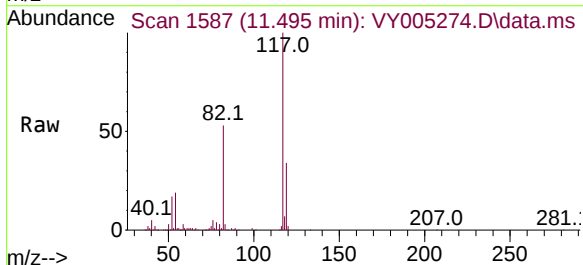
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

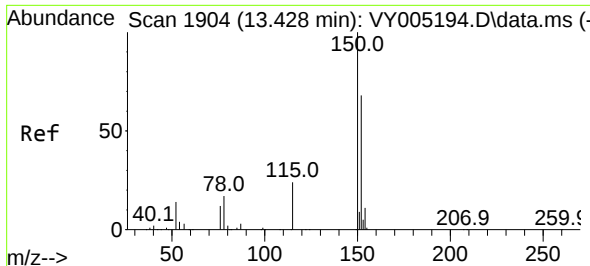
Tgt Ion: 95 Resp: 68397
Ion Ratio Lower Upper
95 100
174 100.2 0.0 201.6
176 98.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005274.D
Acq: 29 Jun 2021 14:45

Tgt Ion: 117 Resp: 173251
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 33.6 26.1 39.1

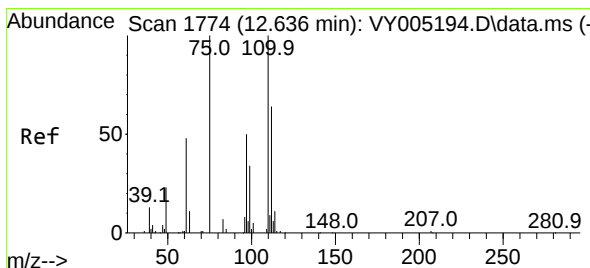
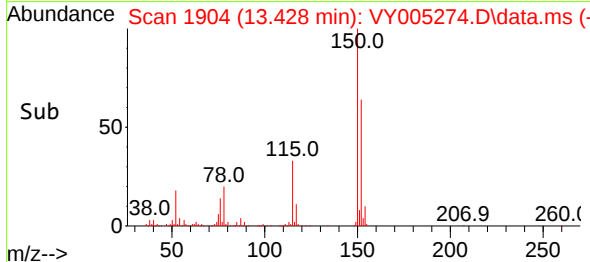
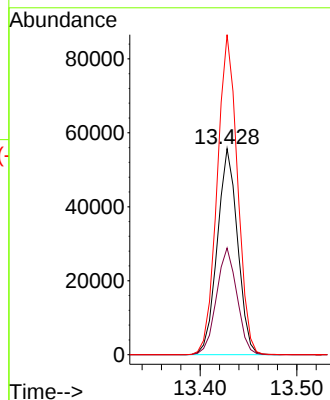
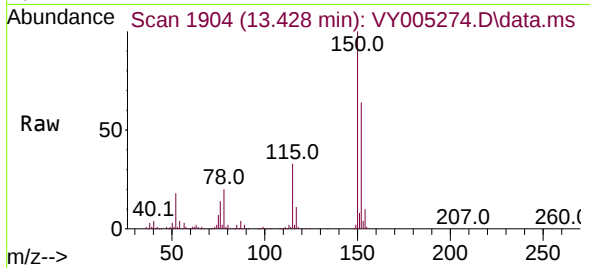




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005274.D
 Acq: 29 Jun 2021 14:45

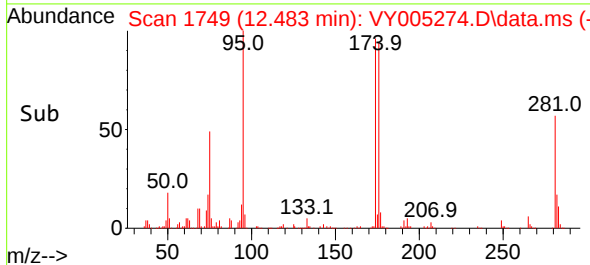
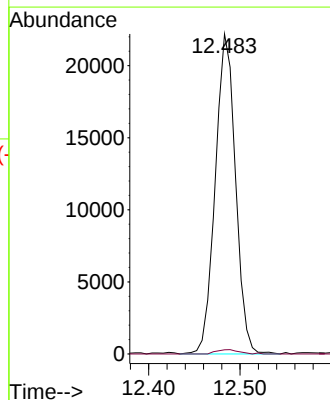
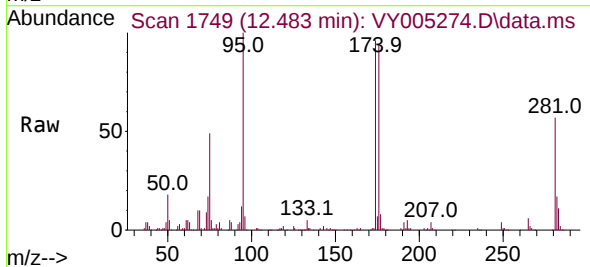
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

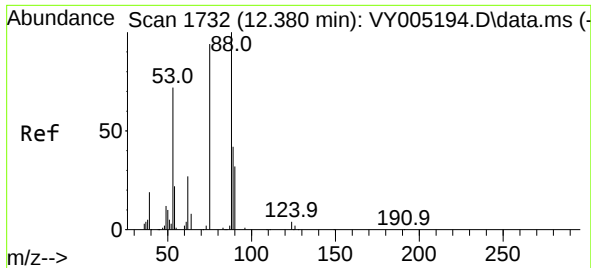
Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.2	26.3	78.8
150	155.2	0.0	344.2



#76
 1,2,3-Trichloropropane
 Concen: 47.56 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005274.D
 Acq: 29 Jun 2021 14:45

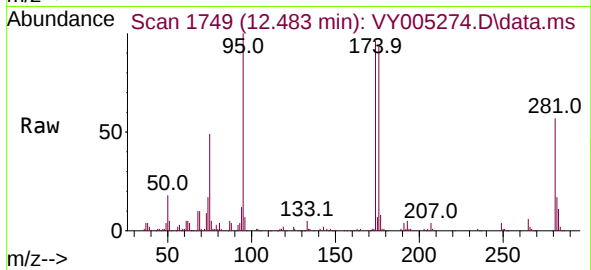
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.73 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005274.D
 Acq: 29 Jun 2021 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0



Tgt Ion: 75 Resp: 34223
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.5 38.0 57.0#

