

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004510.D
 Acq On : 19 Apr 2021 19:54
 Operator : SY/MD
 Sample : M2076-09
 Misc : 5.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Apr 20 01:51:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

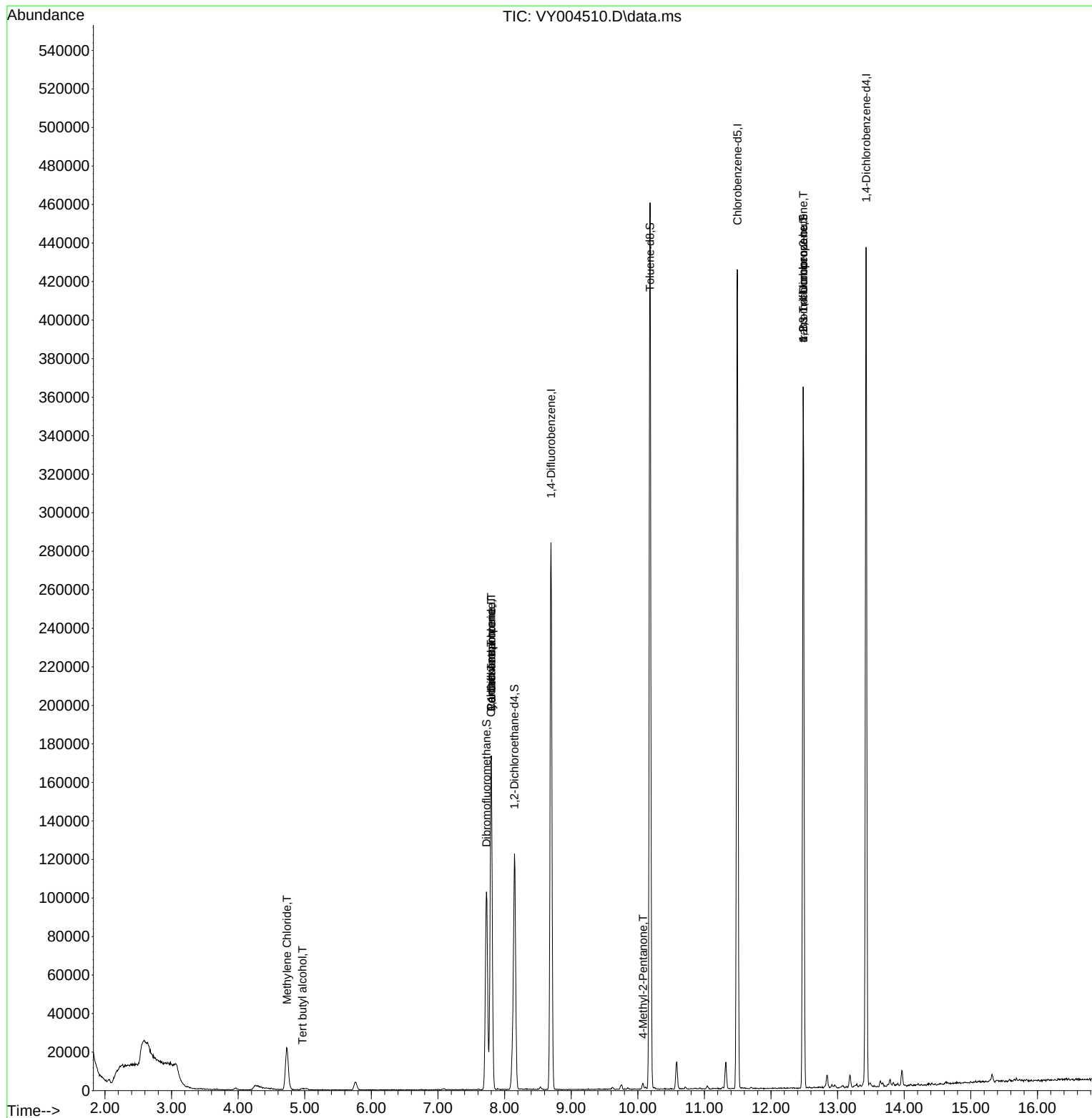
Internal Standards						
1) Pentafluorobenzene	7.801	168	131892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86813	59.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.48%			
35) Dibromofluoromethane	7.728	113	72178	55.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.74%			
50) Toluene-d8	10.185	98	289700	52.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.44%			
62) 4-Bromofluorobenzene	12.483	95	97204	52.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.24%			
Target Compounds						
11) Tert butyl alcohol	4.966	59	1551	10.74	ug/l #	77
16) Acetone	3.966	43	1760	Below Cal	#	87
20) Methylene Chloride	4.735	84	15586	11.01	ug/l	92
31) Cyclohexane	7.795	56	3310	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10459	4.52	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13318	6.66	ug/l #	18
51) 4-Methyl-2-Pentanone	10.081	43	2245	1.55	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	55480	50.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55480	89.94	ug/l #	12

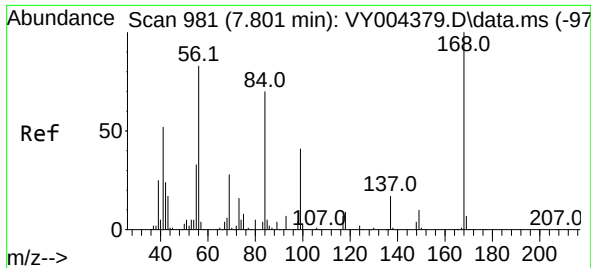
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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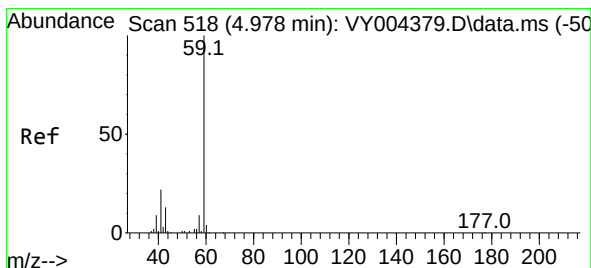
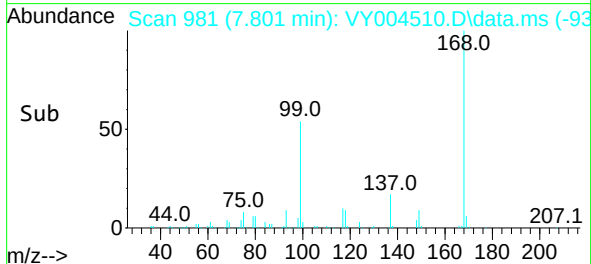
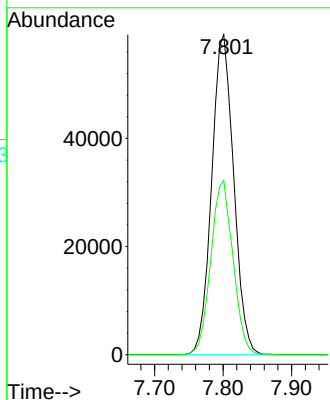
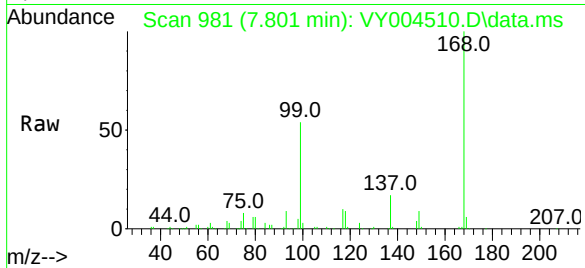




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

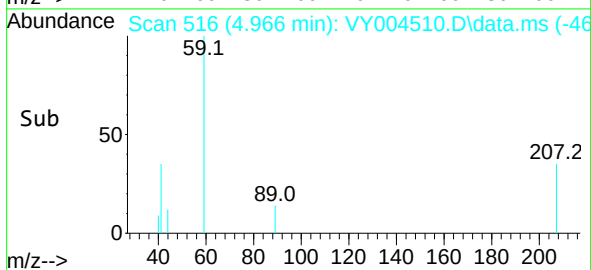
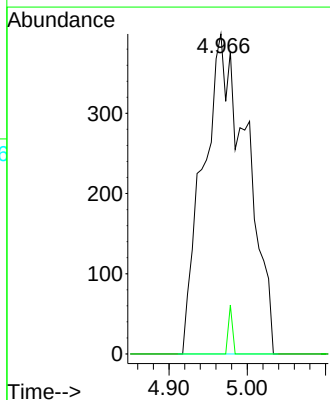
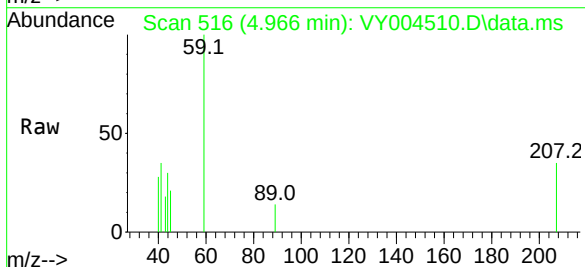
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-9.5-10.0

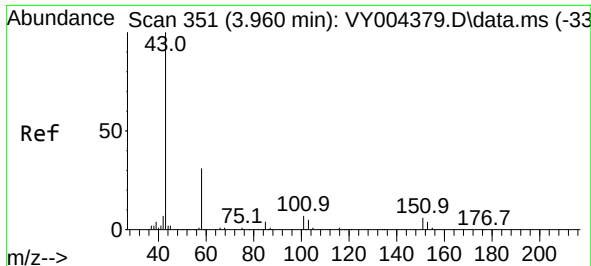
Tgt Ion:168 Resp: 131892
Ion Ratio Lower Upper
168 100
99 54.5 45.5 68.3



#11
Tert butyl alcohol
Concen: 10.74 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 59 Resp: 1551
Ion Ratio Lower Upper
59 100
57 1.4 8.1 12.1#

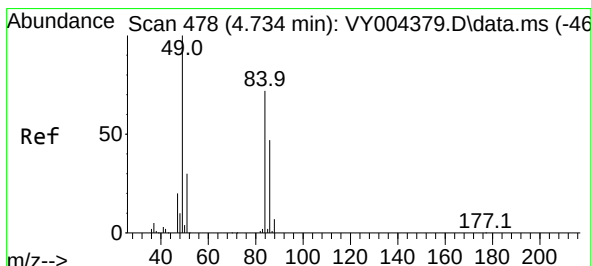
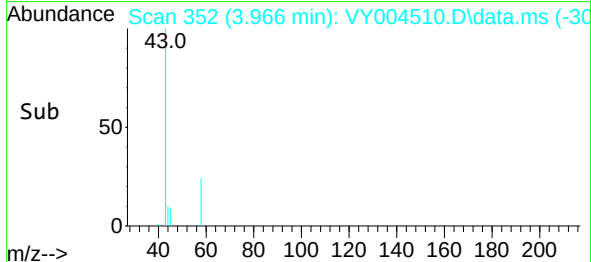
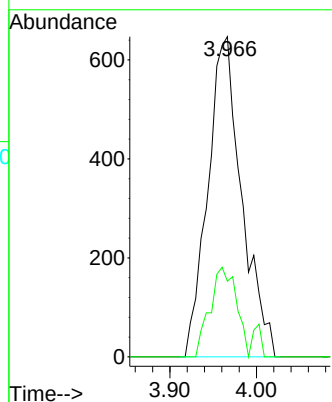
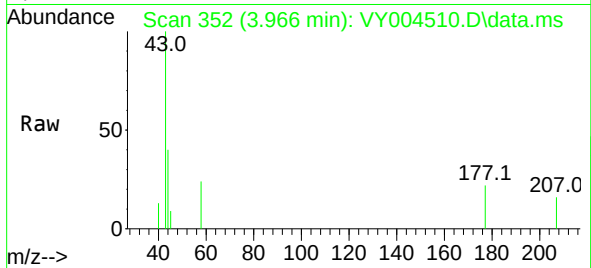




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

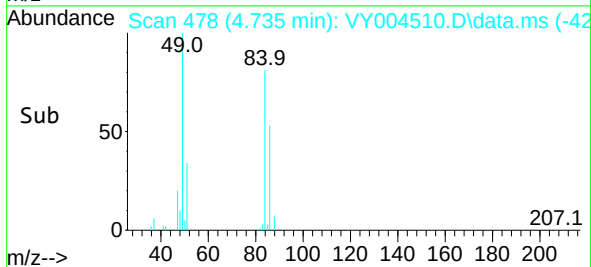
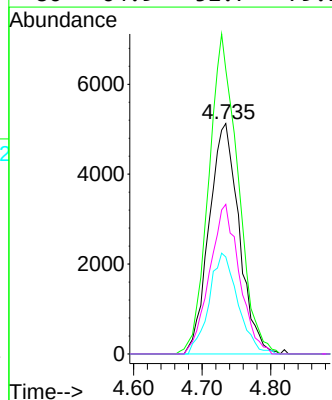
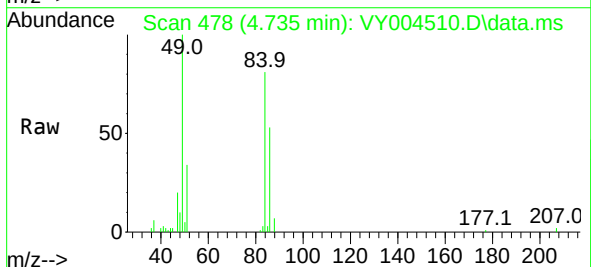
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-9.5-10.0

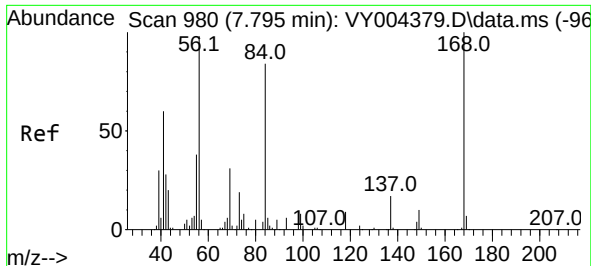
Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 23.6 24.6 37.0#



#20
Methylene Chloride
Concen: 11.01 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 84 Resp: 15586
Ion Ratio Lower Upper
84 100
49 123.4 111.2 166.8
51 42.1 33.4 50.2
86 64.9 52.7 79.1

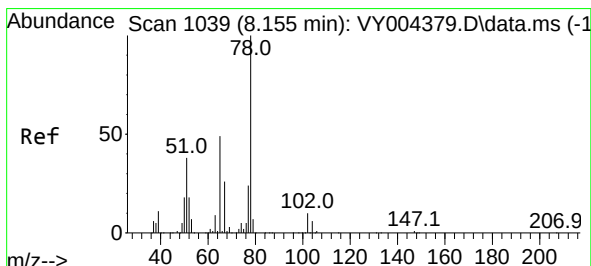
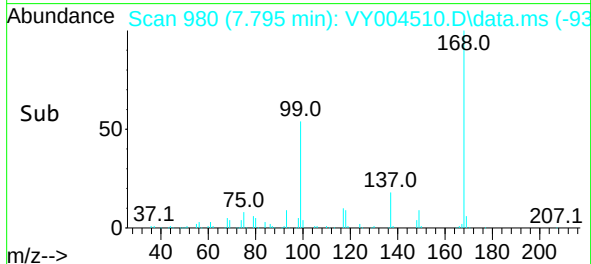
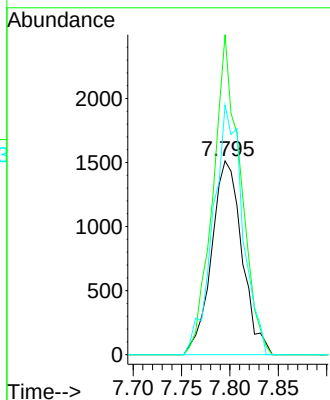
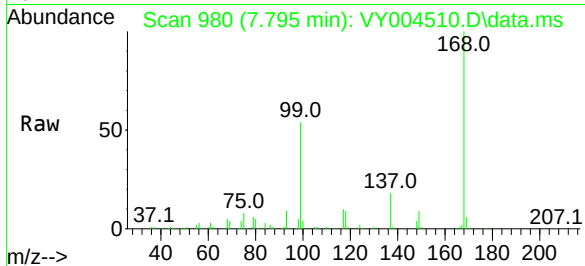




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

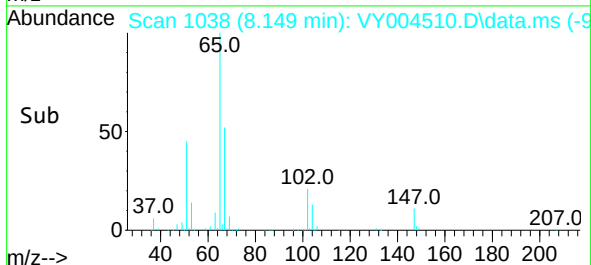
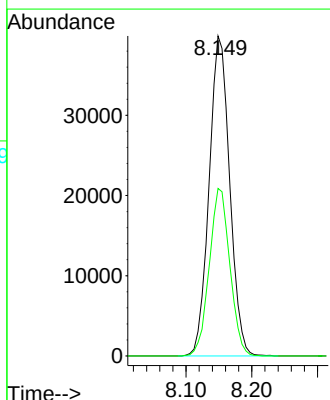
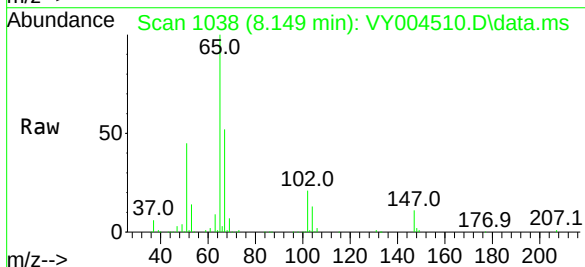
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-9.5-10.0

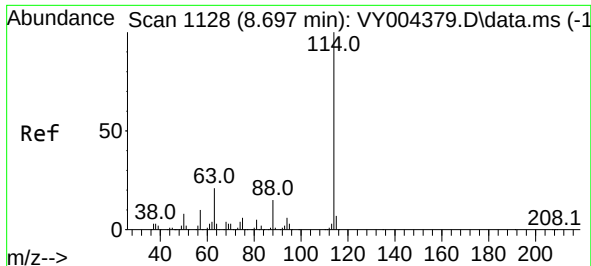
Tgt Ion: 56 Resp: 3310
Ion Ratio Lower Upper
56 100
69 165.1 25.8 38.6#
84 128.9 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 65 Resp: 86813
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4

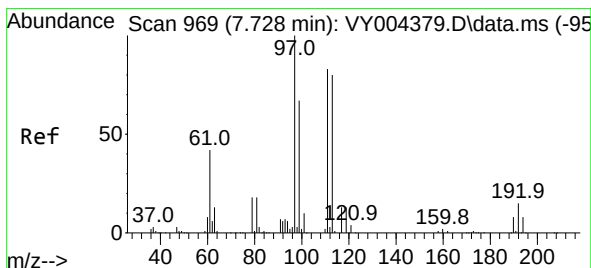
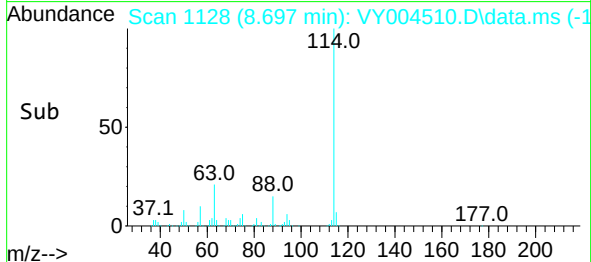
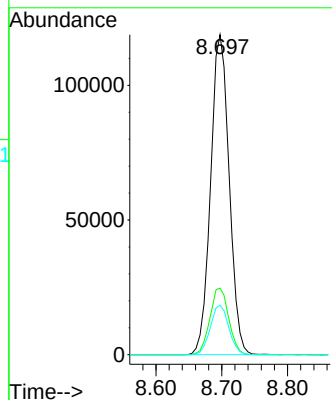
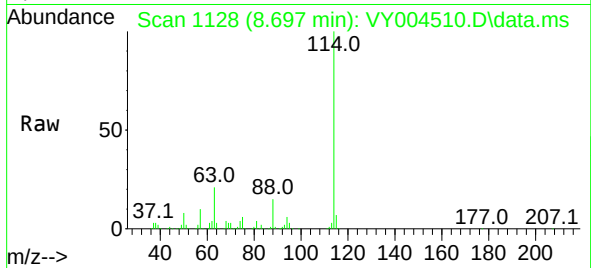




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

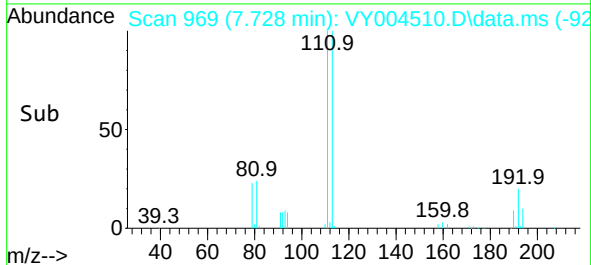
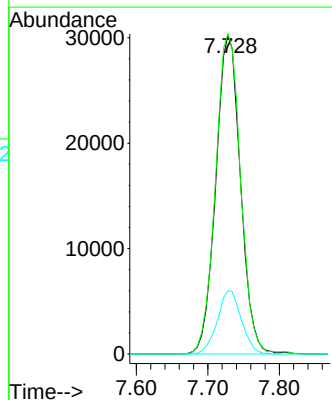
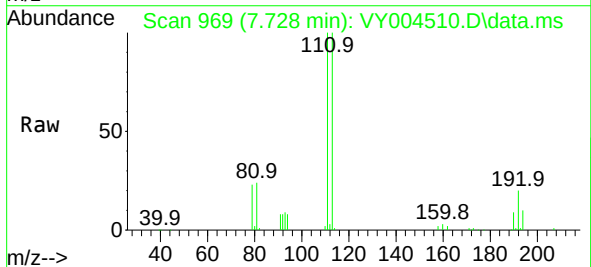
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-9.5-10.0

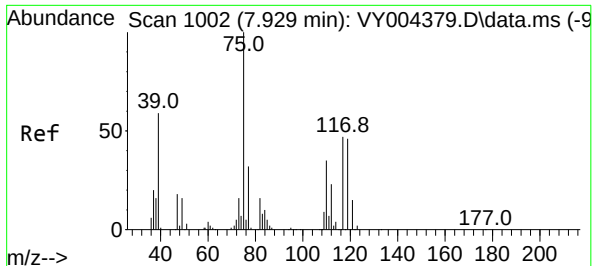
Tgt Ion:	114	Resp:	232801
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.4
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion:	113	Resp:	72178
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.4	16.1	24.1

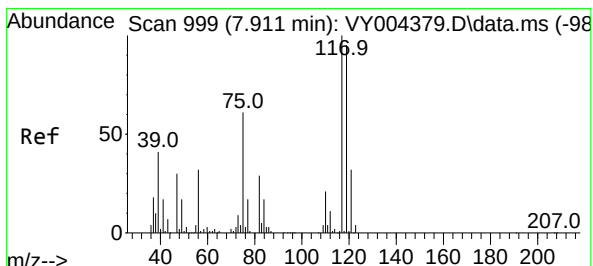
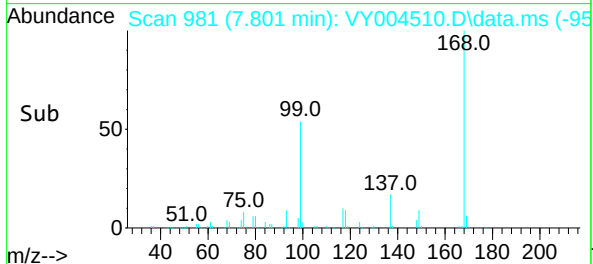
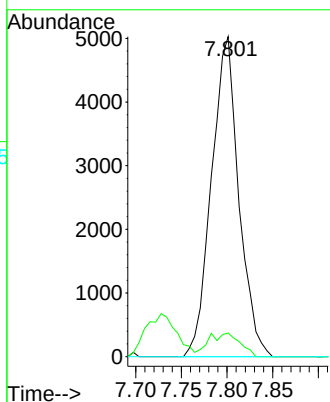
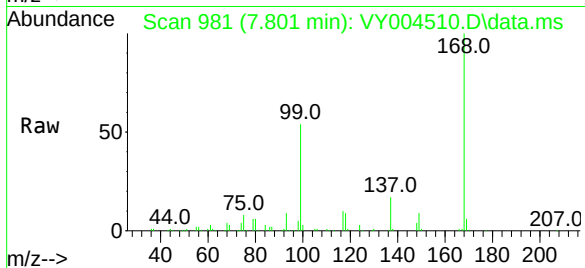




#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

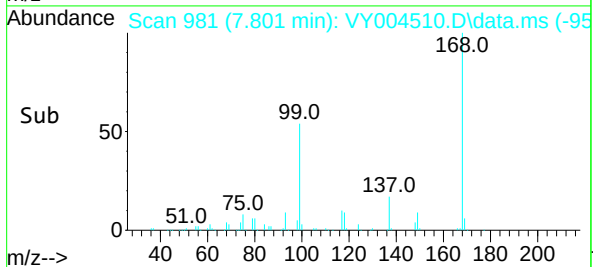
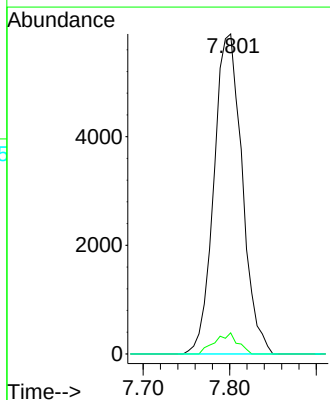
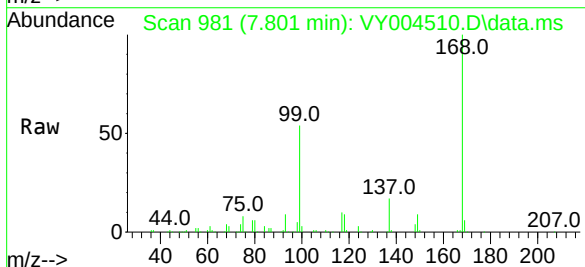
Instrument :
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ClientSampleId :
SB-15-9.5-10.0

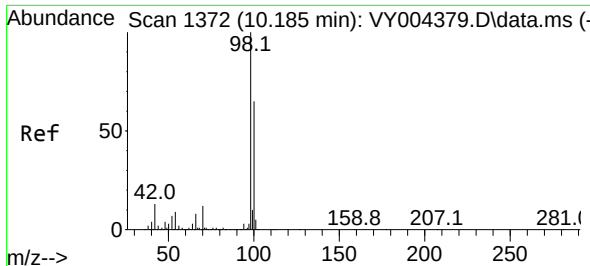
Tgt Ion: 75 Resp: 10459
Ion Ratio Lower Upper
75 100
110 8.5 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 117 Resp: 13318
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 25.3 37.9#

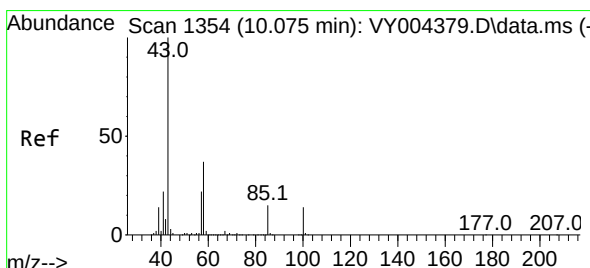
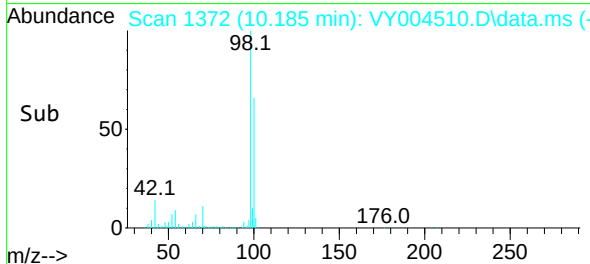
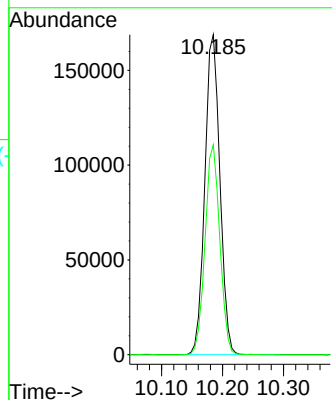
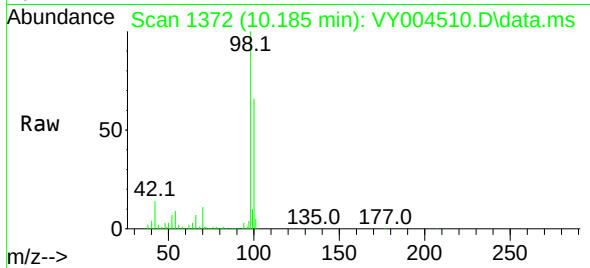




#50
Toluene-d8
Concen: 52.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

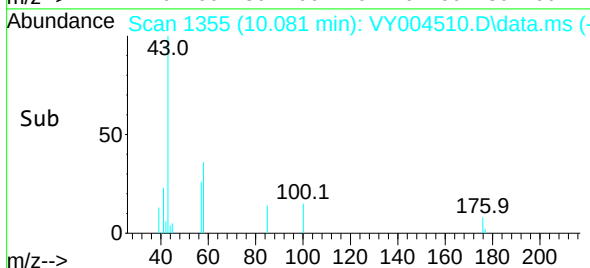
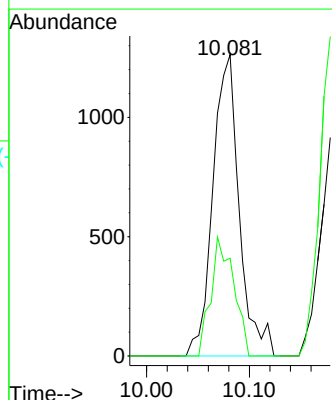
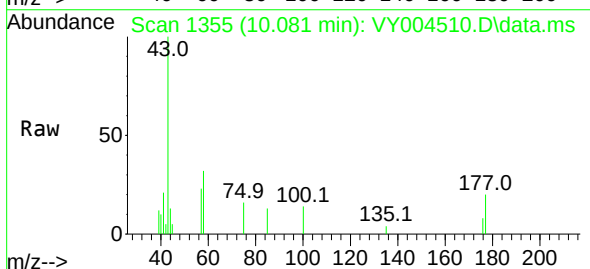
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SB-15-9.5-10.0

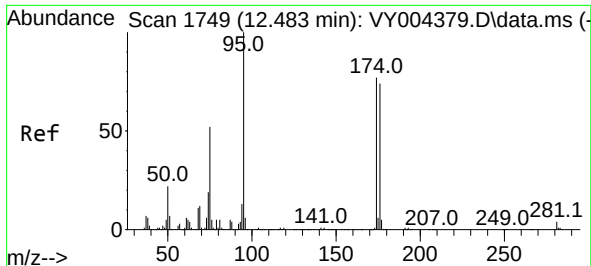
Tgt Ion: 98 Resp: 289700
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion: 43 Resp: 2245
Ion Ratio Lower Upper
43 100
58 34.4 29.2 43.8

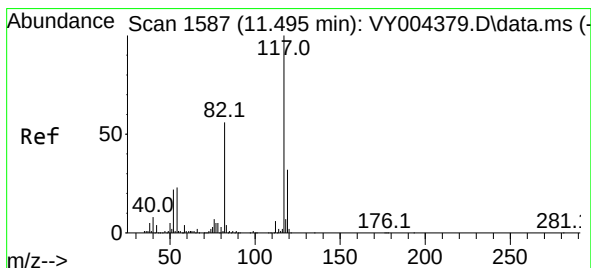
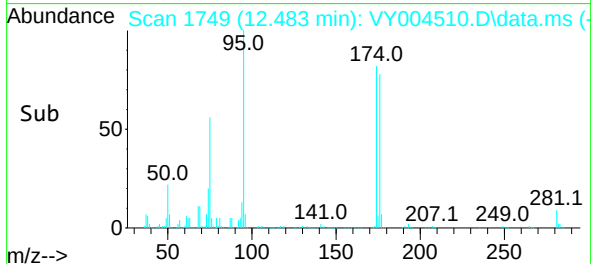
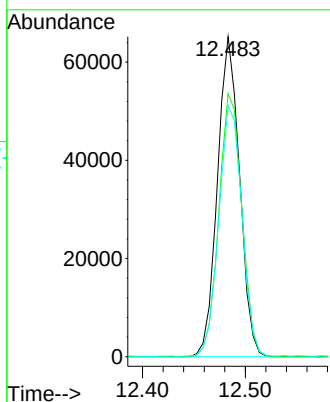
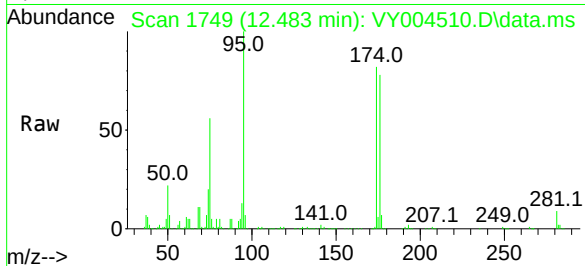




#62
4-Bromofluorobenzene
Concen: 52.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

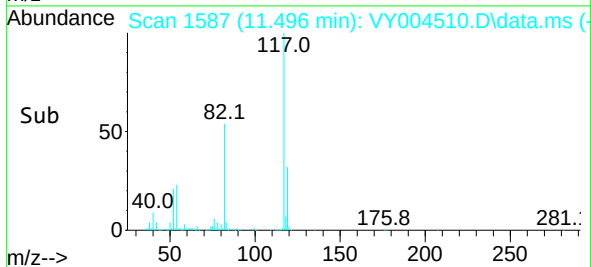
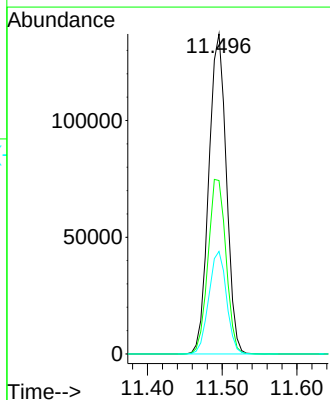
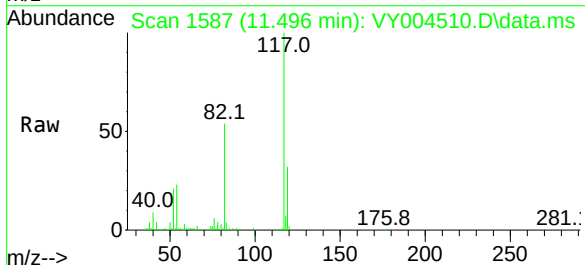
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-9.5-10.0

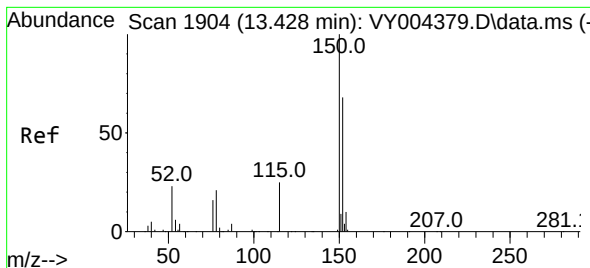
Tgt Ion:	95	Resp:	97204
Ion Ratio	Lower	Upper	
95	100		
174	85.4	0.0	162.4
176	82.2	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004510.D
Acq: 19 Apr 2021 19:54

Tgt Ion:	117	Resp:	223246
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.9	67.3
119	32.0	25.4	38.0

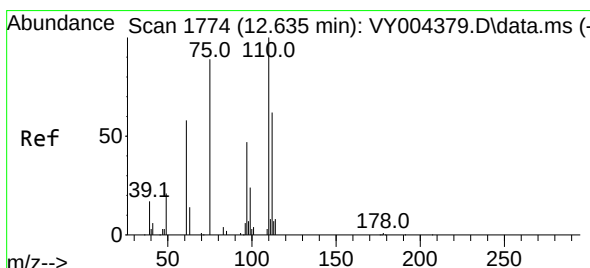
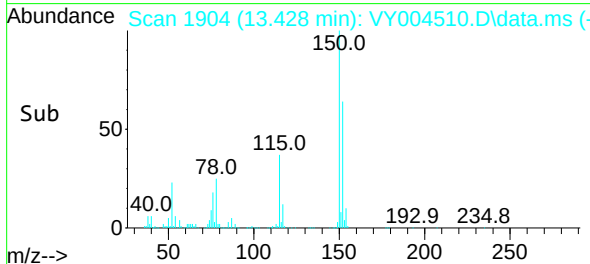
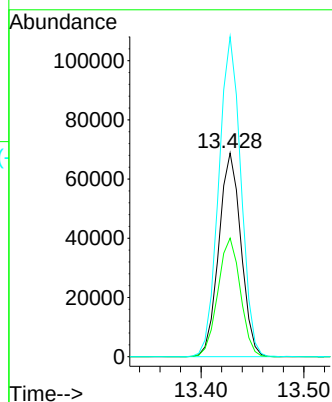
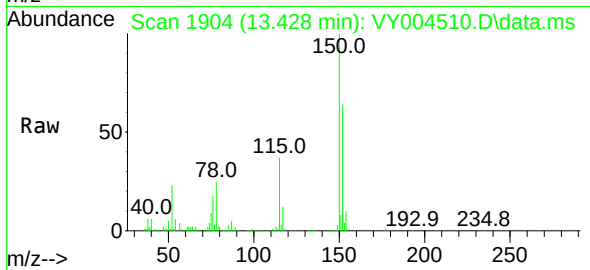




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004510.D
 Acq: 19 Apr 2021 19:54

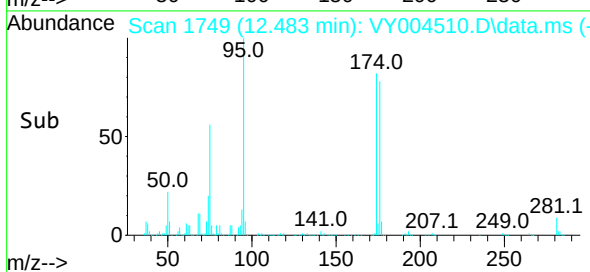
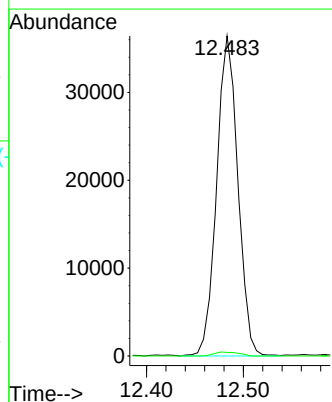
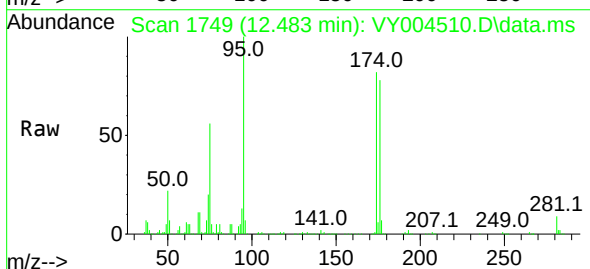
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-9.5-10.0

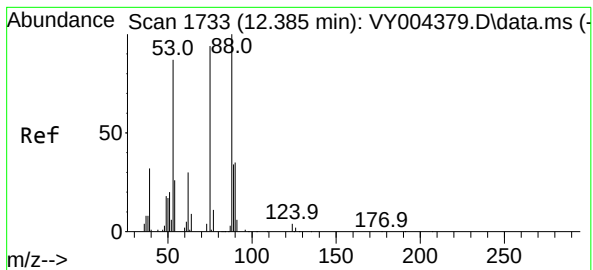
Tgt Ion:152 Resp: 102821
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.6 88.8
 150 157.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.27 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004510.D
 Acq: 19 Apr 2021 19:54

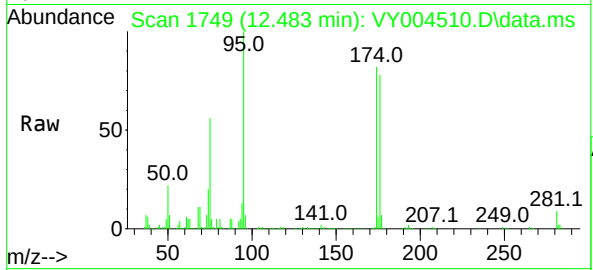
Tgt Ion: 75 Resp: 55480
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.94 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004510.D
 Acq: 19 Apr 2021 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-9.5-10.0



Tgt Ion:	75	Resp:	55480
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.4	36.1	54.1#

