

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005928.D
 Acq On : 01 Sep 2021 14:17
 Operator : SY/MD
 Sample : M3614-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-083121

Quant Time: Sep 02 07:48:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

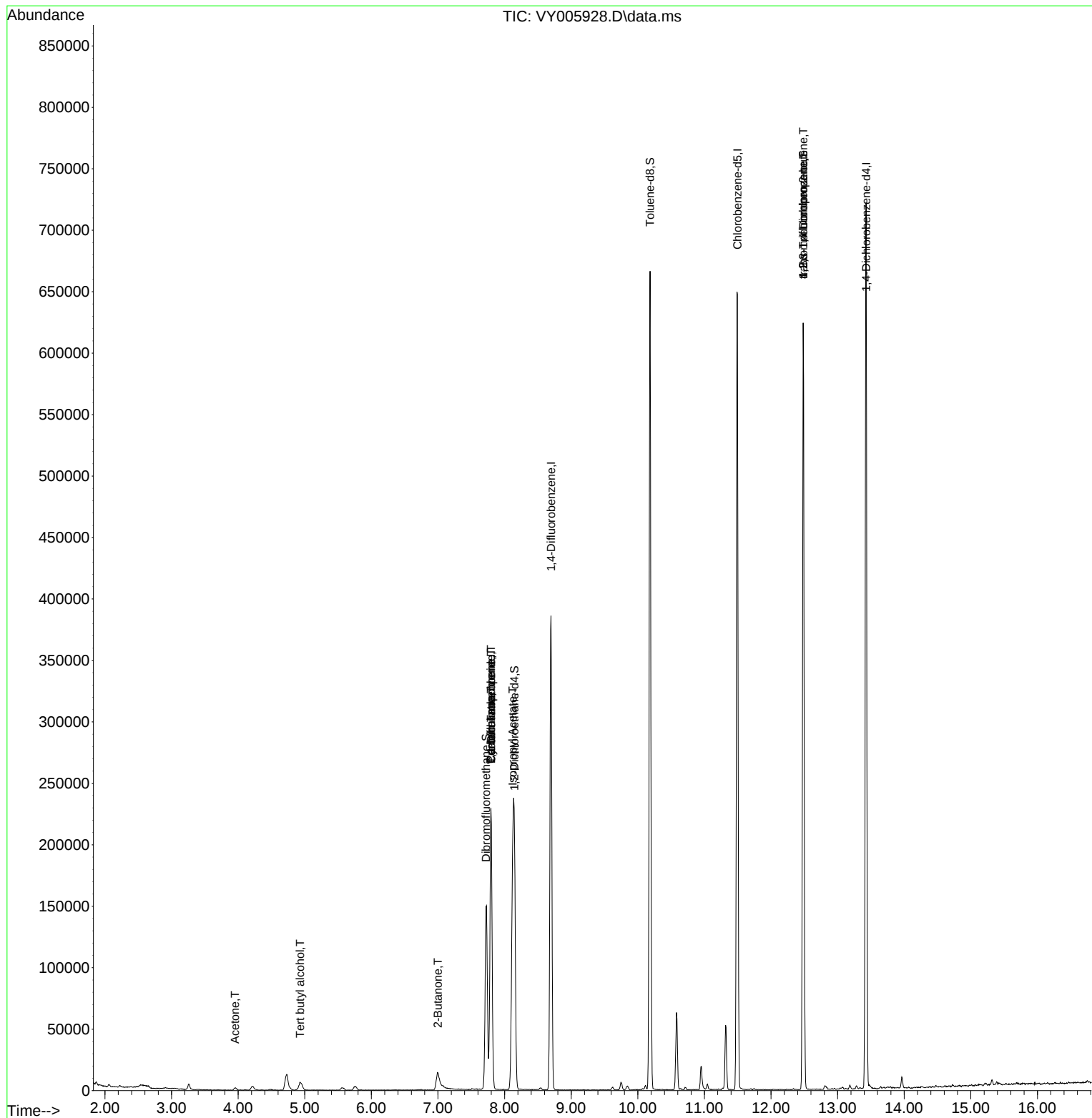
Internal Standards						
1) Pentafluorobenzene	7.795	168	186159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	357089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	190910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128194	68.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.66%
35) Dibromofluoromethane	7.722	113	101418	54.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.66%
50) Toluene-d8	10.185	98	427329	54.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.08%
62) 4-Bromofluorobenzene	12.483	95	161709	61.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.94%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	6446	17.47	ug/l #	80
16) Acetone	3.954	43	3265	6.83	ug/l #	86
25) 2-Butanone	6.996	43	1229	1.82	ug/l #	75
31) Cyclohexane	7.795	56	3676	1.16	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13380	4.27	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16784	4.95	ug/l #	15
43) Isopropyl Acetate	8.124	43	4066	1.19	ug/l #	6
76) 1,2,3-Trichloropropane	12.483	75	87764	49.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87764	93.41	ug/l #	14

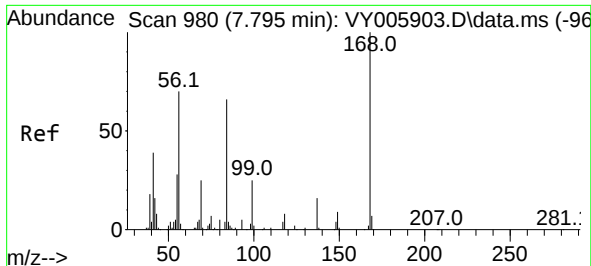
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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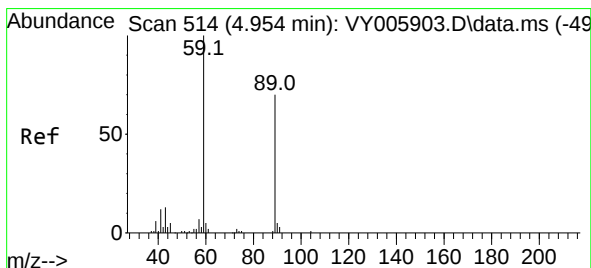
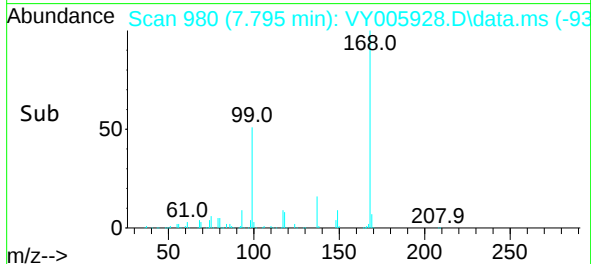
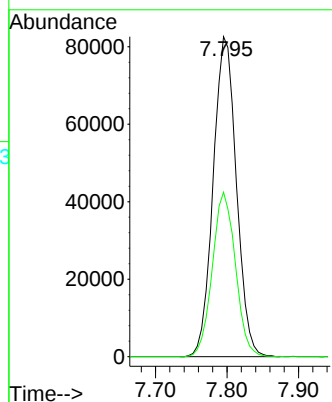
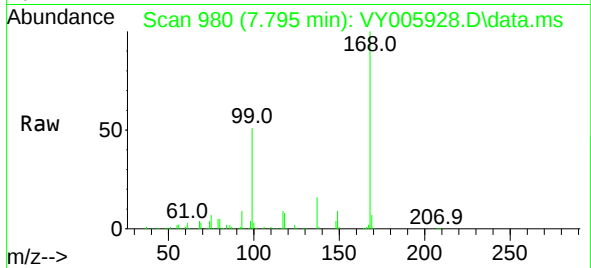




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

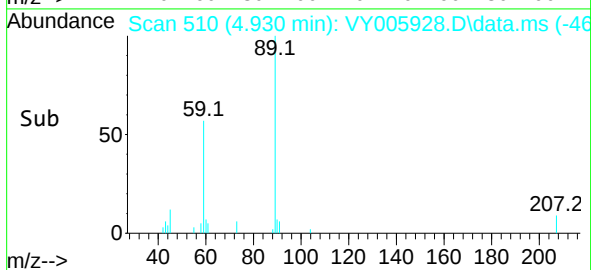
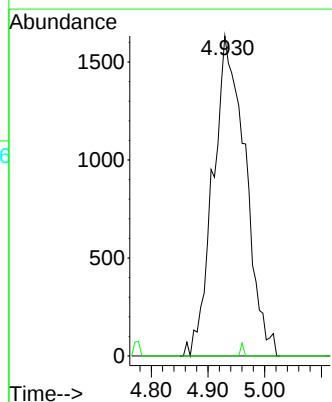
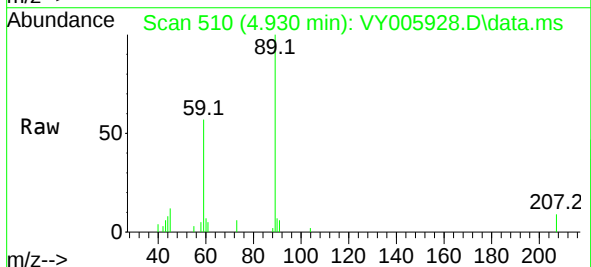
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-083121

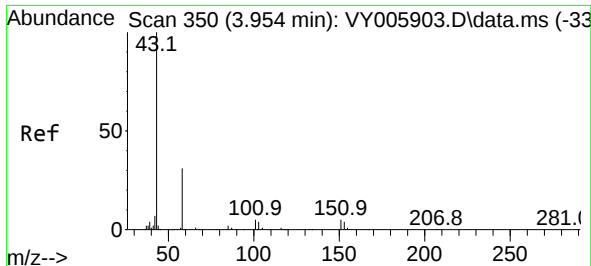
Tgt Ion:168 Resp: 186159
Ion Ratio Lower Upper
168 100
99 51.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 17.47 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion: 59 Resp: 6446
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

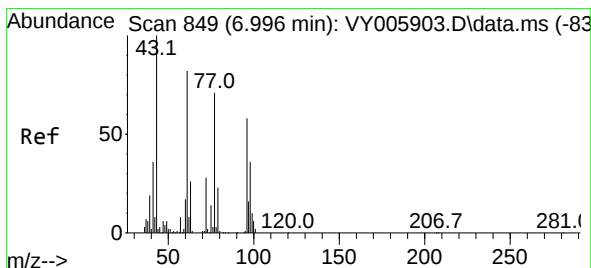
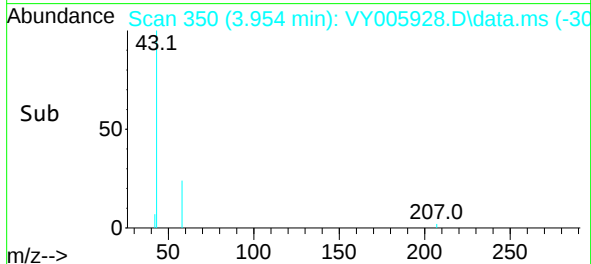
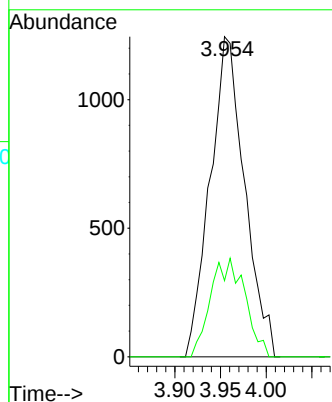
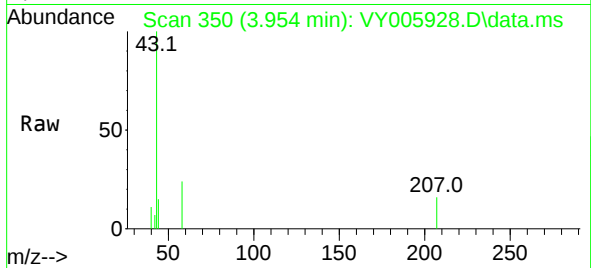




#16
Acetone
Concen: 6.83 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

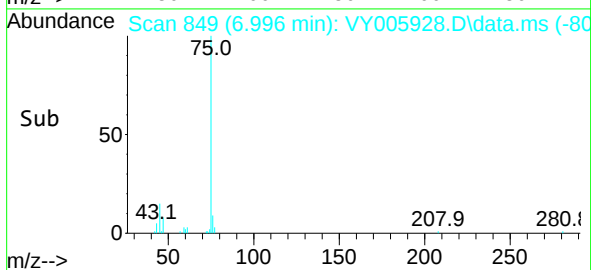
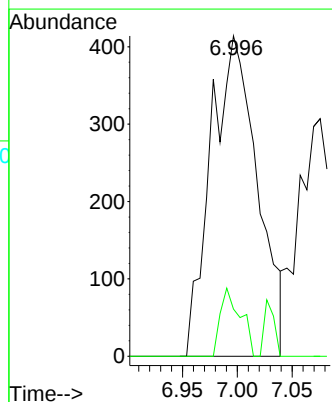
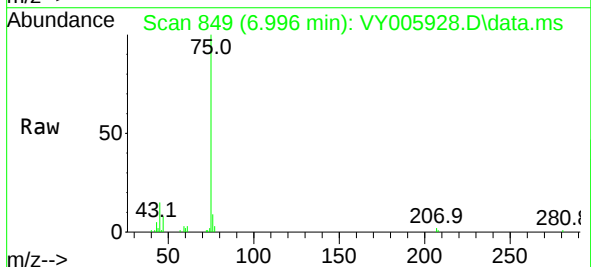
Instrument :
MSVOA_Y
ClientSampleId :
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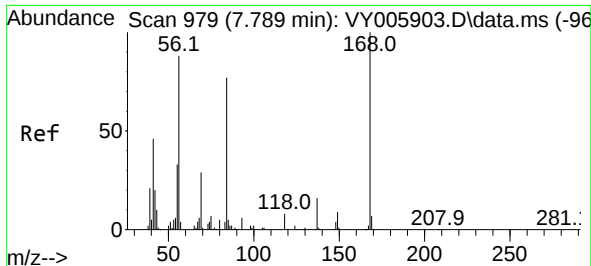
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
58 23.8 25.1 37.7#



#25
2-Butanone
Concen: 1.82 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

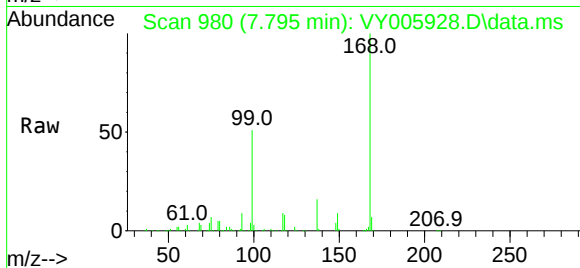
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
72 14.7 22.3 33.5#



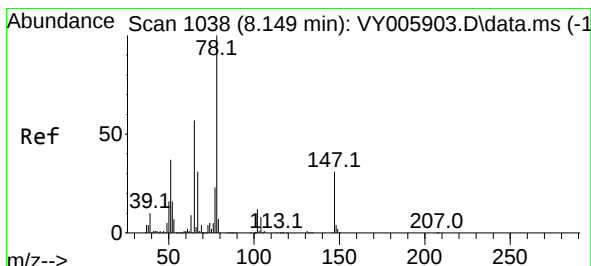
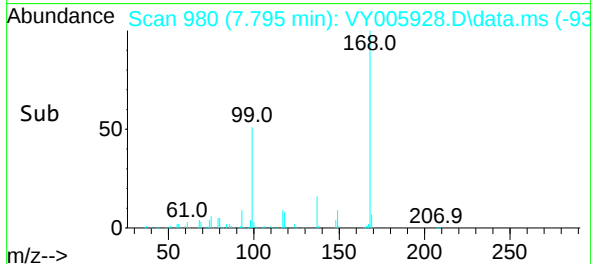
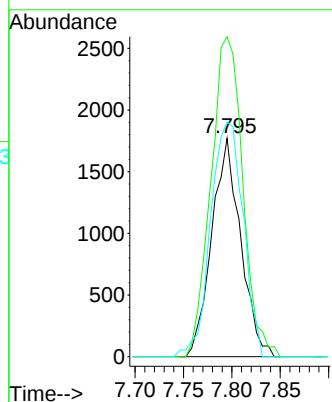


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-083121

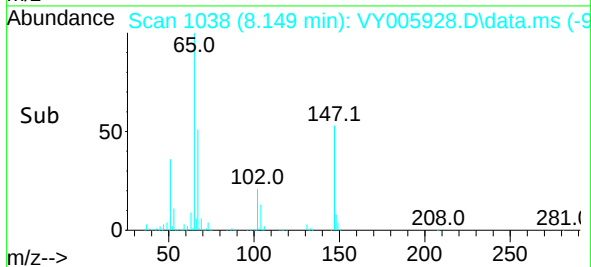
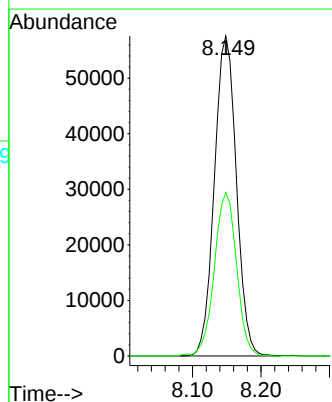
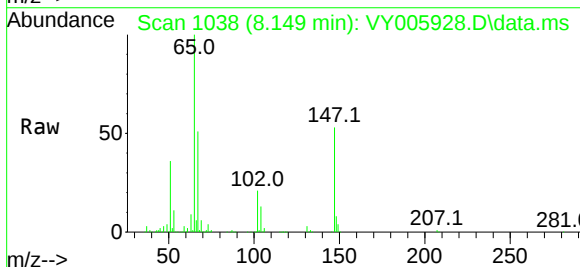


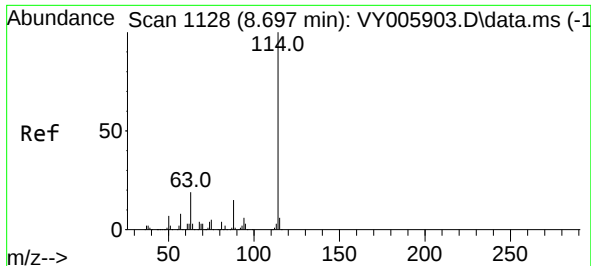
Tgt Ion: 56 Resp: 3676
Ion Ratio Lower Upper
56 100
69 146.5 26.3 39.5#
84 107.5 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 68.33 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion: 65 Resp: 128194
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

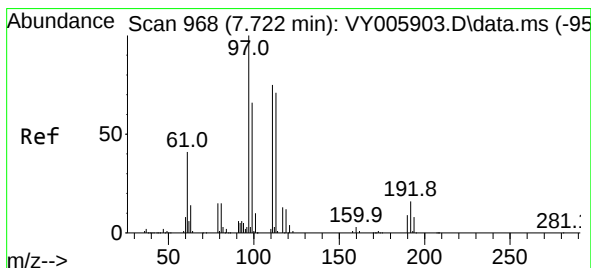
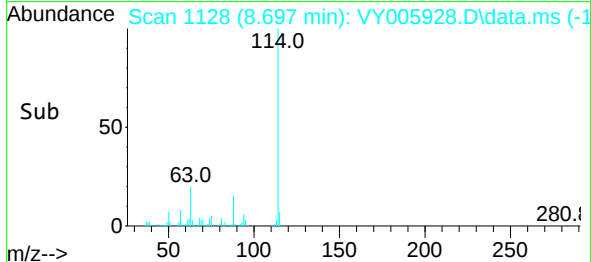
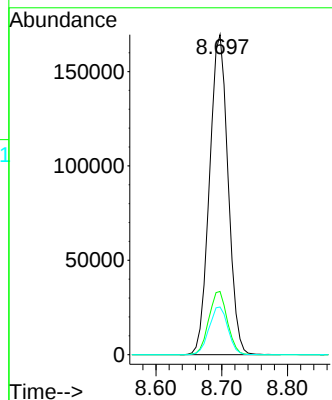
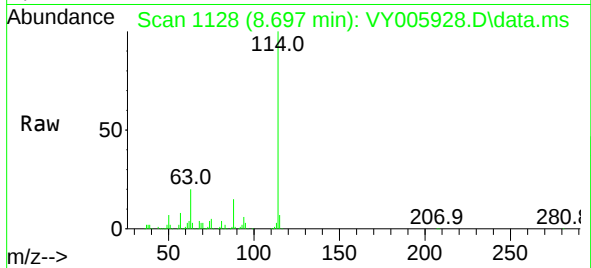




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

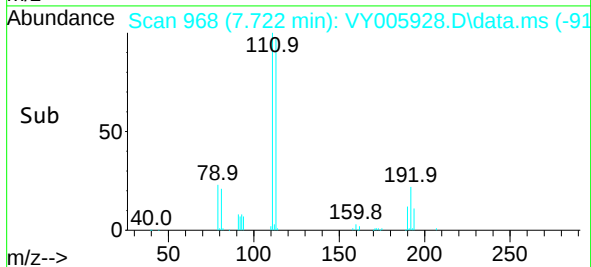
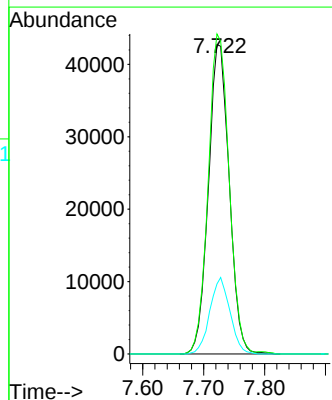
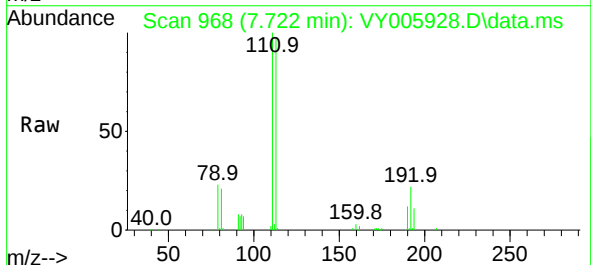
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-083121

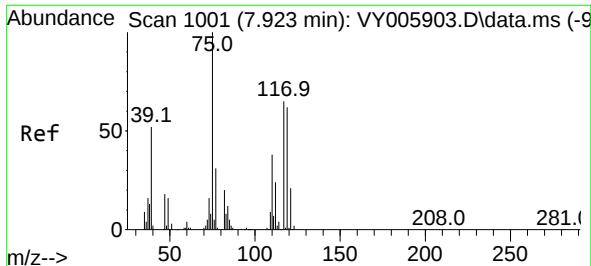
Tgt Ion:	114	Resp:	332421
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.4
88	14.9	0.0	30.0



#35
Dibromofluoromethane
Concen: 54.33 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion:	113	Resp:	101418
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	24.0	19.4	29.0

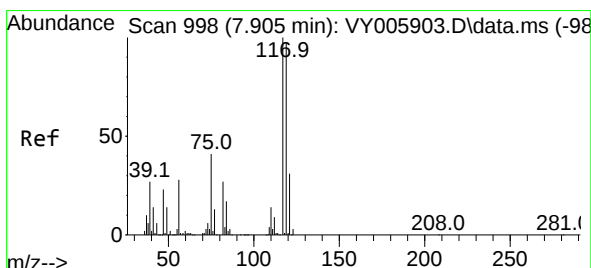
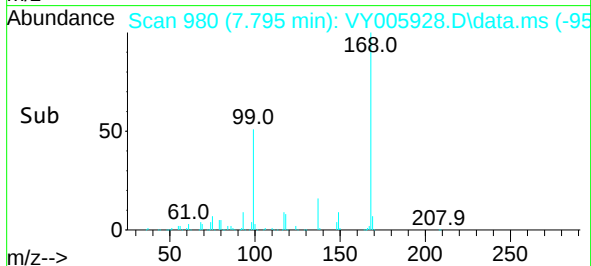
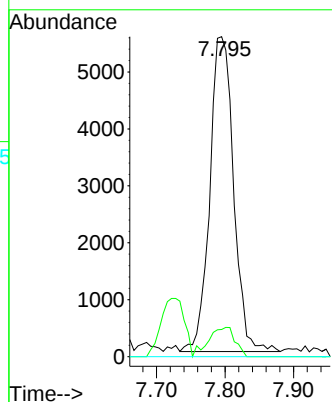
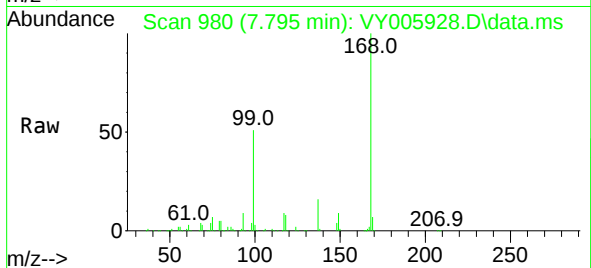




#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

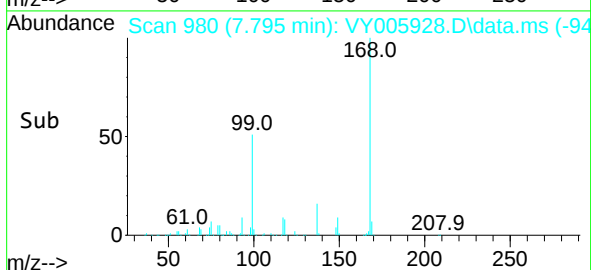
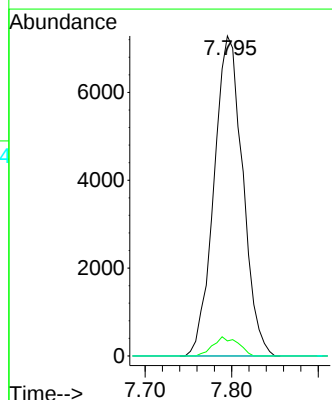
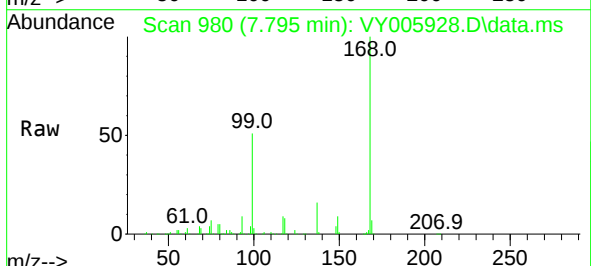
Instrument :
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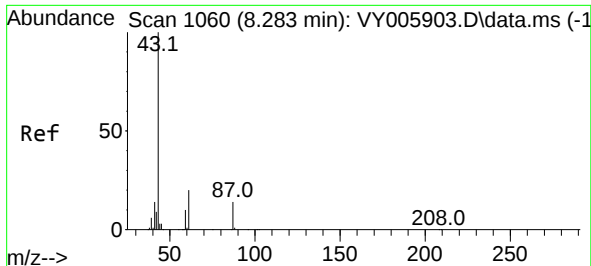
Tgt Ion: 75 Resp: 13380
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.95 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion: 117 Resp: 16784
Ion Ratio Lower Upper
117 100
119 4.7 77.5 116.3#
121 0.0 25.0 37.6#

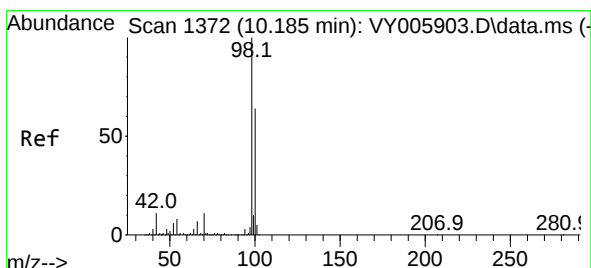
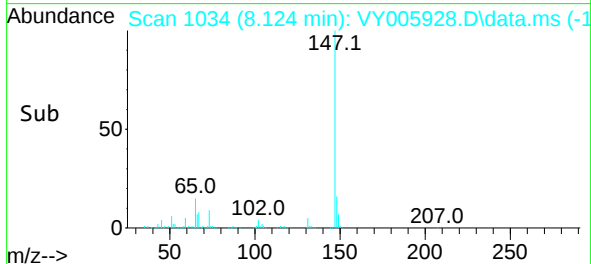
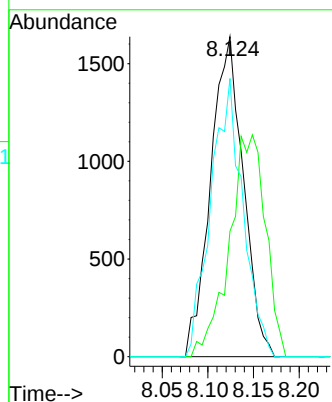
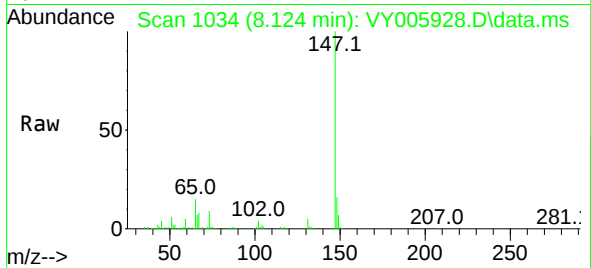




#43
Isopropyl Acetate
Concen: 1.19 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.159 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

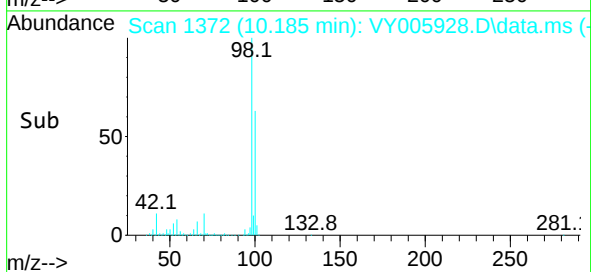
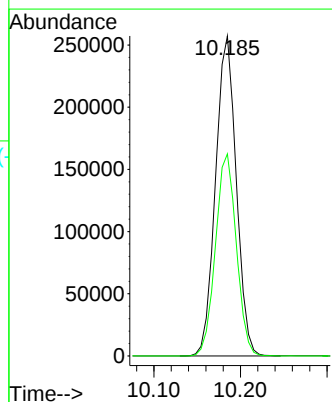
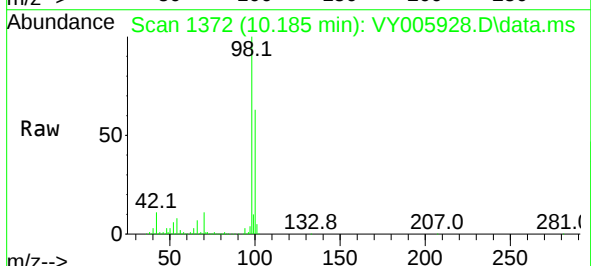
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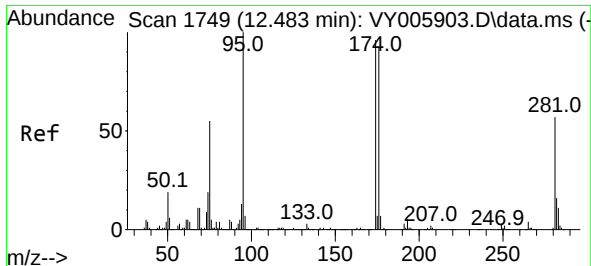
Tgt Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
61 0.0 23.0 34.6#
87 85.3 11.0 16.6#



#50
Toluene-d8
Concen: 54.54 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion: 98 Resp: 427329
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

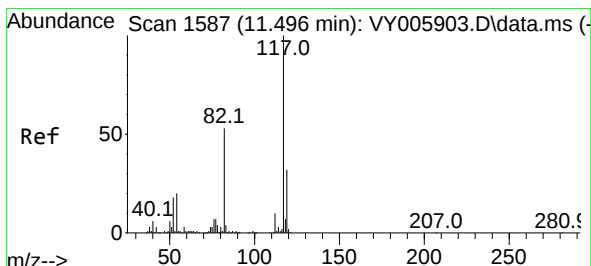
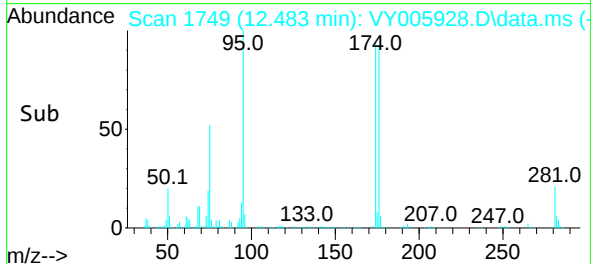
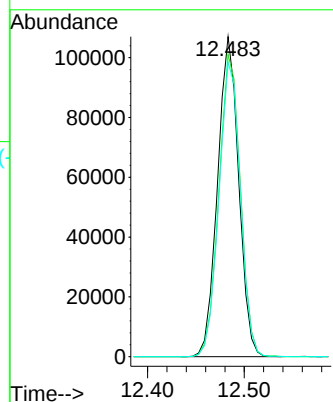
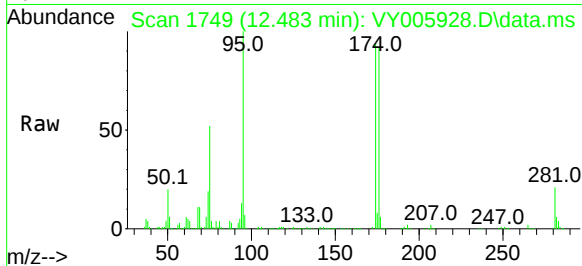




#62
4-Bromofluorobenzene
Concen: 61.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

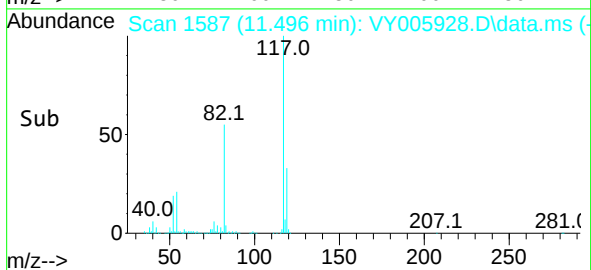
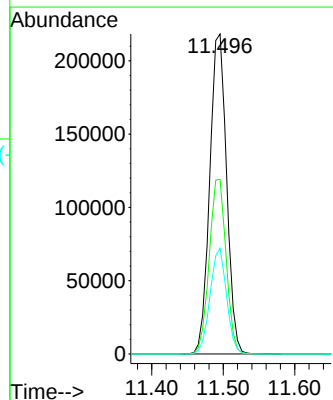
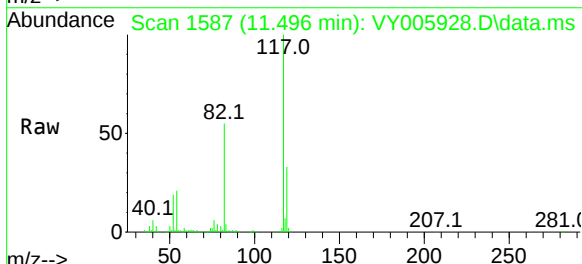
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-083121

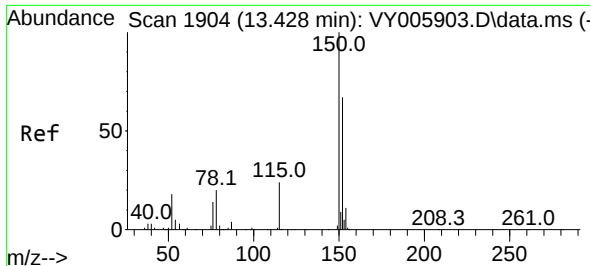
Tgt Ion: 95 Resp: 161709
Ion Ratio Lower Upper
95 100
174 96.4 0.0 192.4
176 93.5 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

Tgt Ion: 117 Resp: 357089
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 33.1 25.4 38.0

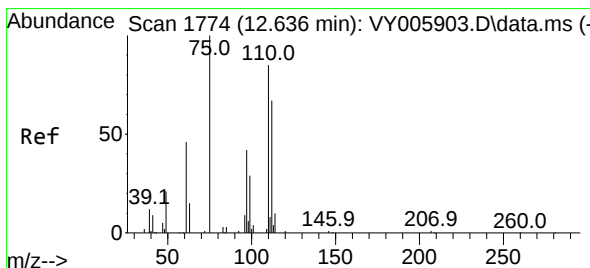
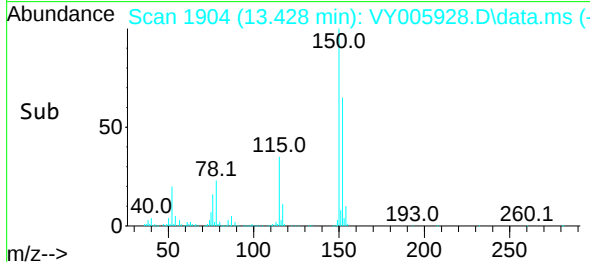
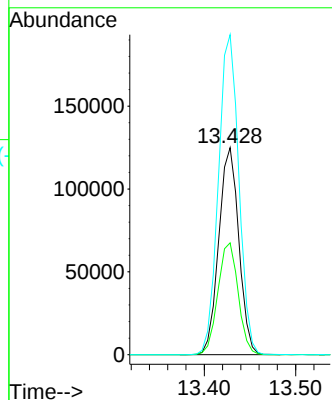
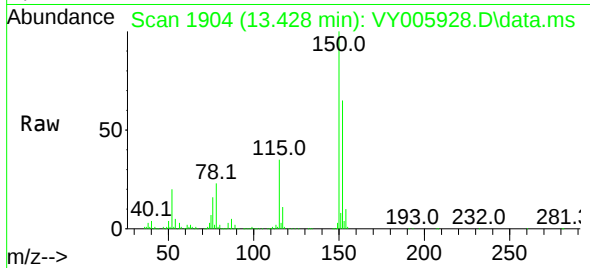




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

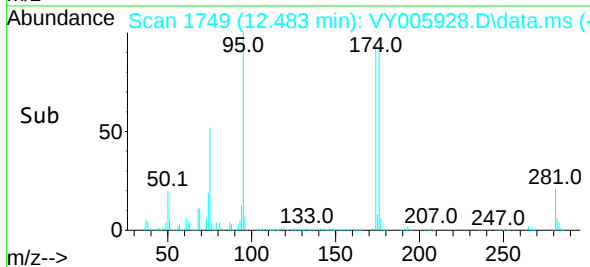
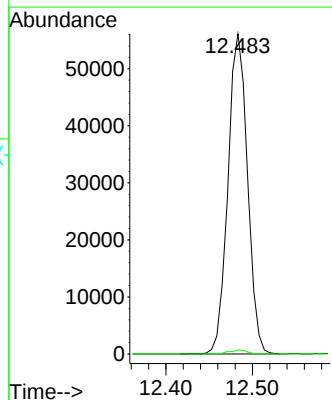
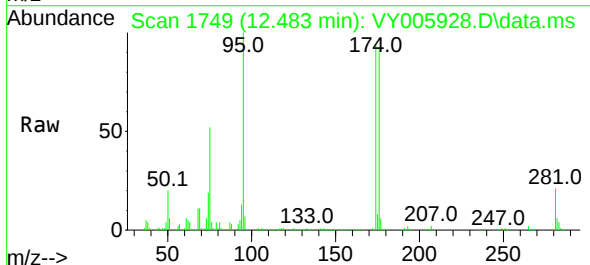
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-083121

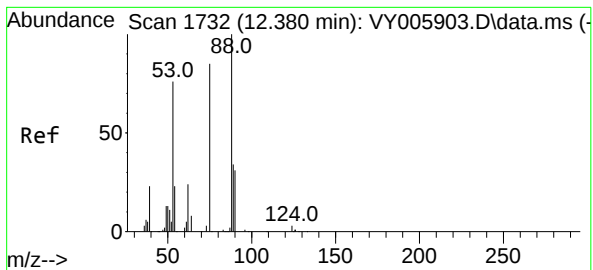
Tgt Ion:152 Resp: 190910
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 157.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 49.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005928.D
Acq: 01 Sep 2021 14:17

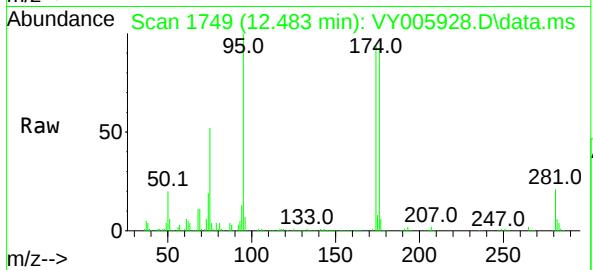
Tgt Ion: 75 Resp: 87764
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.41 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005928.D
 Acq: 01 Sep 2021 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-083121



Tgt Ion: 75 Resp: 87764
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.8 107.8#
 89 0.1 35.8 53.6#

