

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005768.D
 Acq On : 19 Aug 2021 14:48
 Operator : SY/MD
 Sample : M3467-08
 Misc : 3.9G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-8-(309.00)-VOC-GRAB

Quant Time: Aug 20 06:56:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

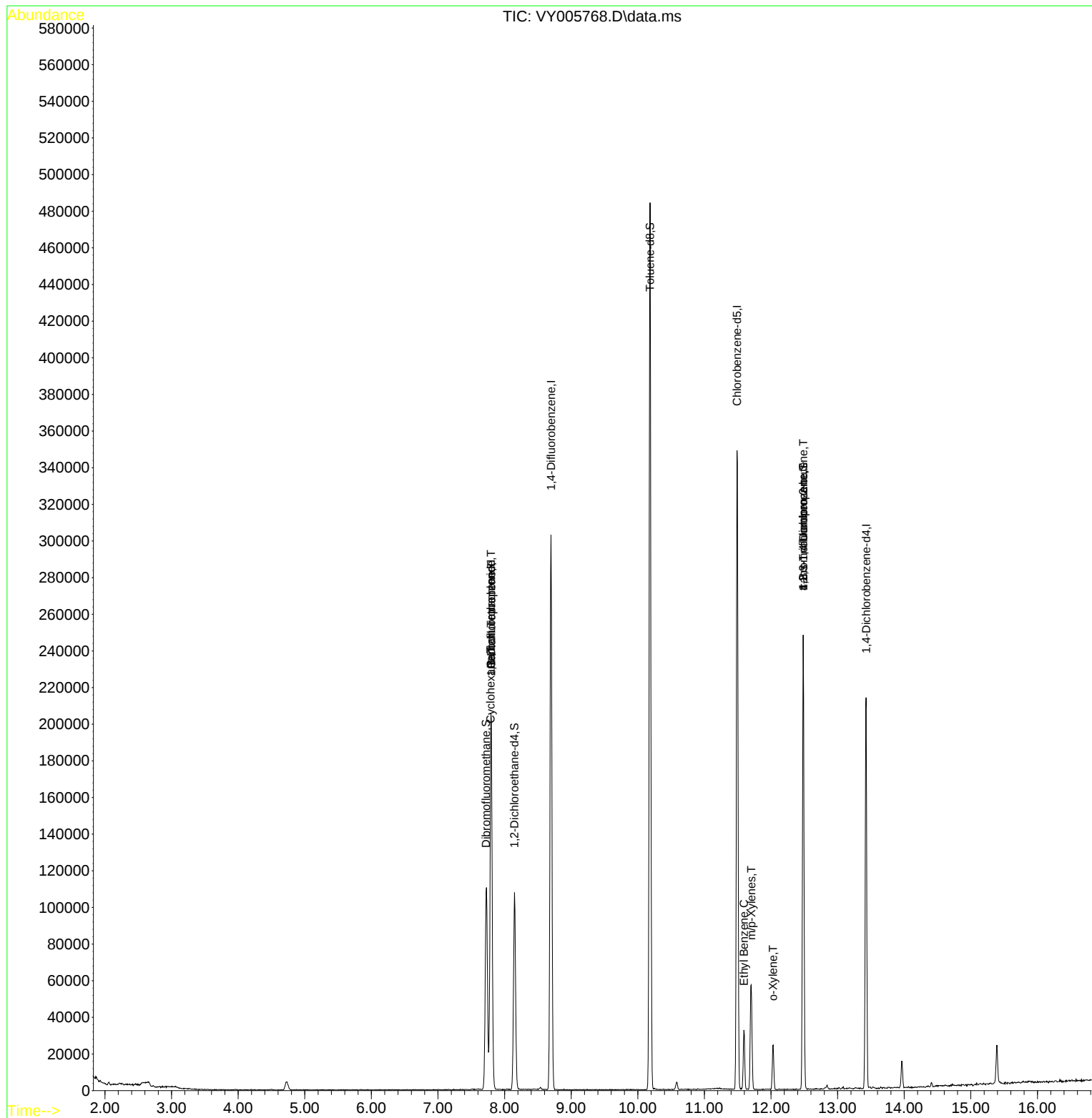
Internal Standards						
1) Pentafluorobenzene	7.795	168	164855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	84757	50.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.580%
35) Dibromofluoromethane	7.722	113	74582	52.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.185	98	312646	52.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.320%
62) 4-Bromofluorobenzene	12.483	95	63409	31.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.880%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	3456	Below Cal	#	83
31) Cyclohexane	7.789	56	3474	1.214	ug/l #	41
36) 1,1-Dichloropropene	7.801	75	11580	4.836	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15375	5.908	ug/l #	17
67) Ethyl Benzene	11.593	91	20883	2.956	ug/l	100
68) m/p-Xylenes	11.703	106	18019	6.567	ug/l	98
69) o-Xylene	12.032	106	6474	2.455	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	34926	59.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34926	120.452	ug/l #	11

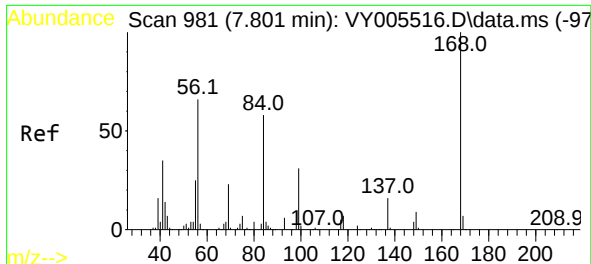
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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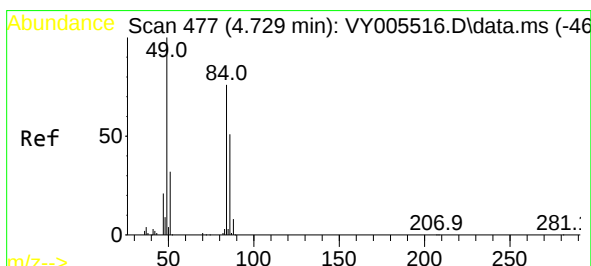
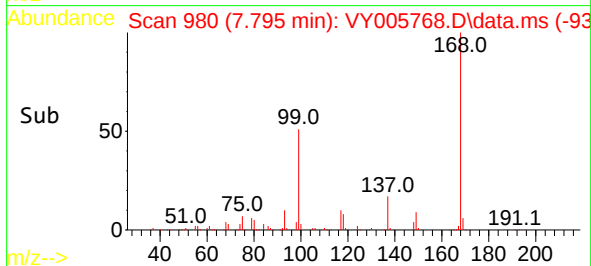
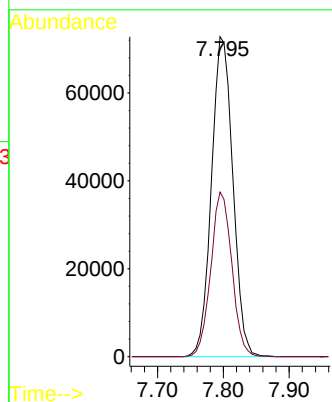
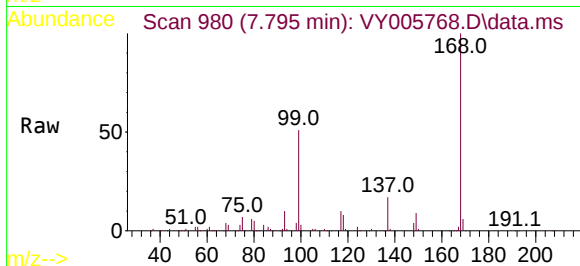




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

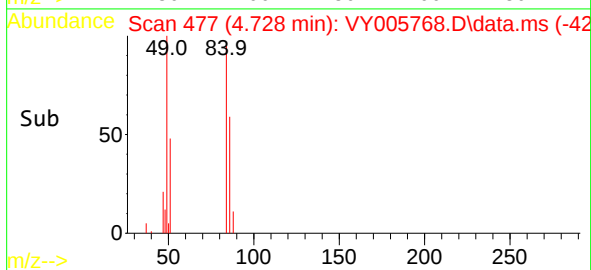
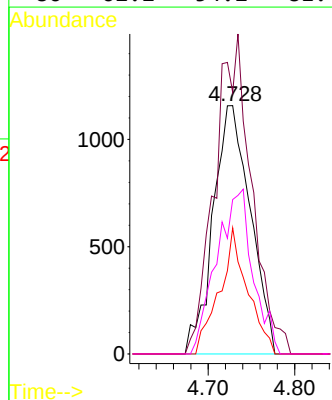
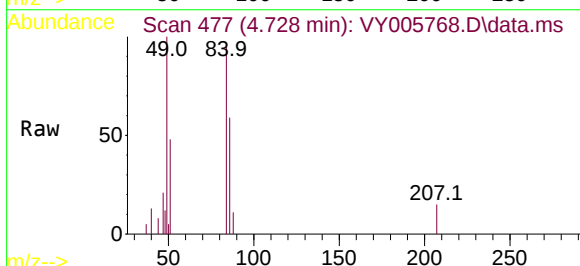
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRAB

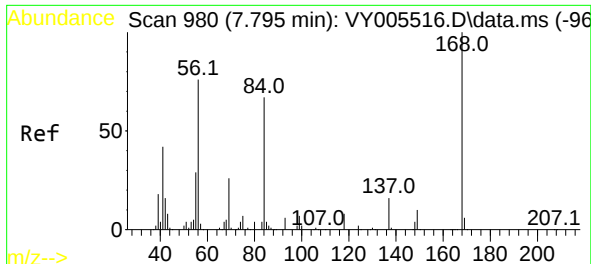
Tgt Ion:168 Resp: 164855
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

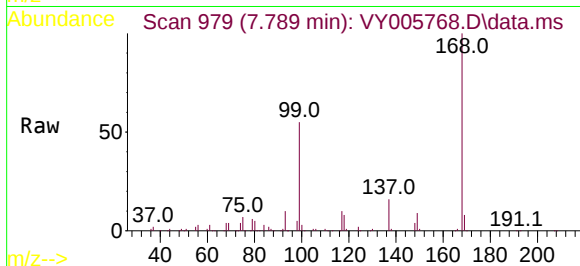
Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
49 105.4 105.8 158.6#
51 50.8 33.4 50.2#
86 62.2 54.2 81.4



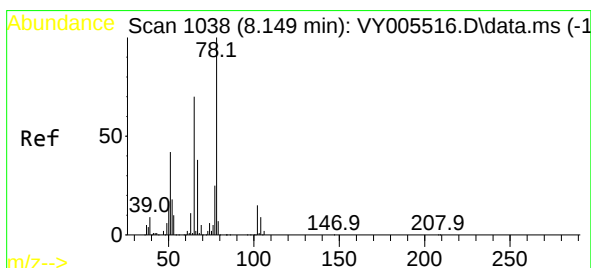
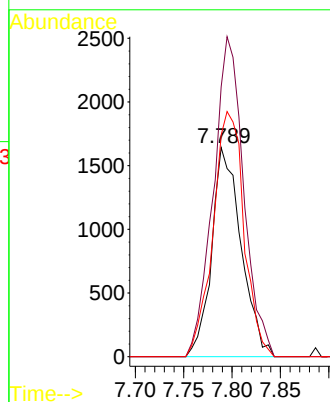
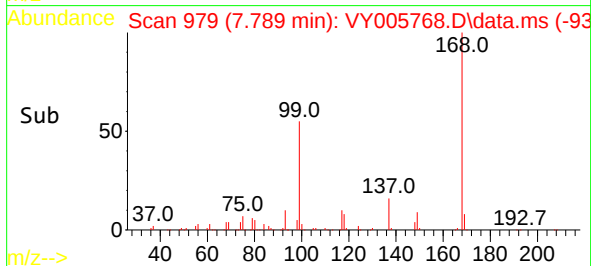


#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRAB

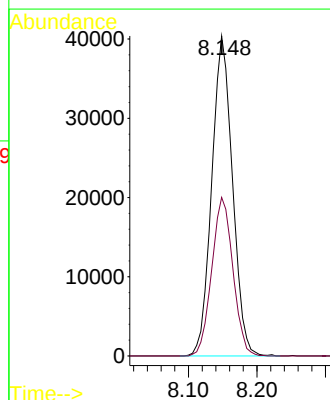
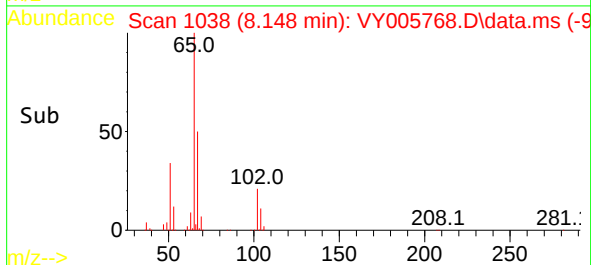
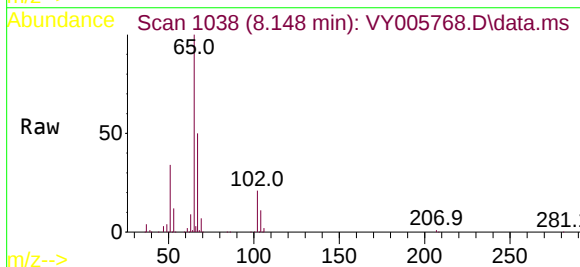


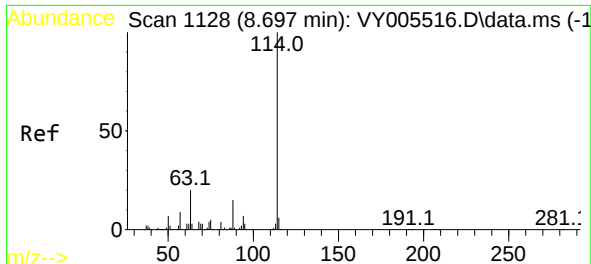
Tgt Ion: 56 Resp: 3474
Ion Ratio Lower Upper
56 100
69 129.0 27.7 41.5#
84 106.0 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 50.791 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 65 Resp: 84757
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4

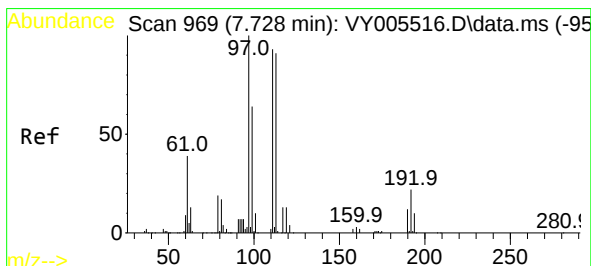
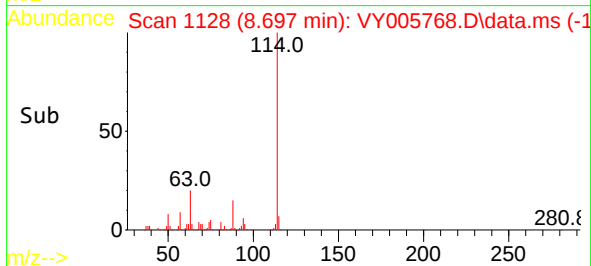
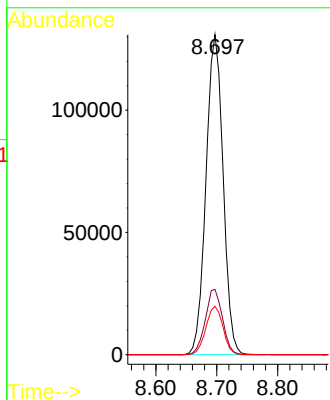
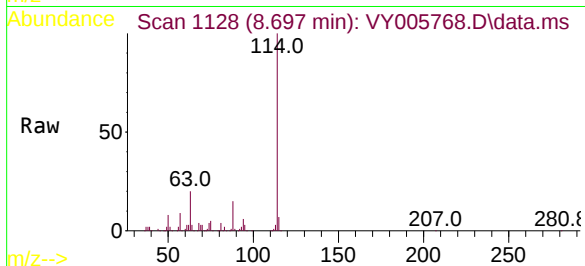




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

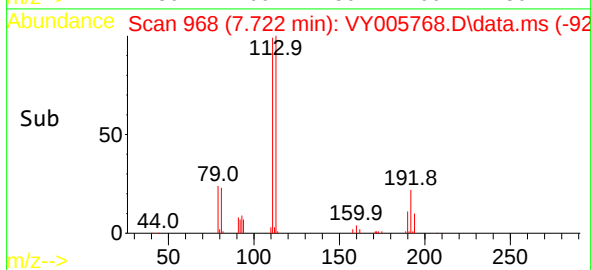
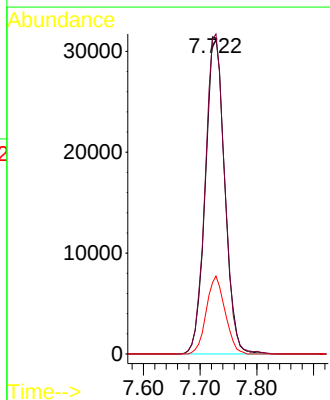
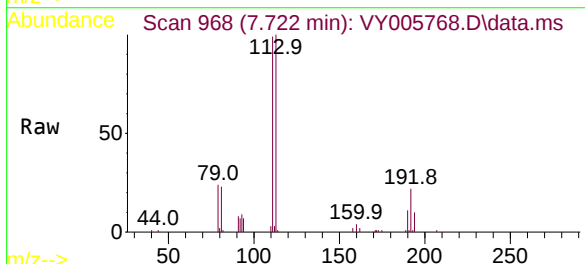
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRAB

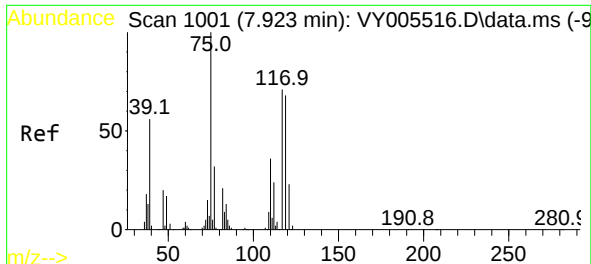
Tgt Ion:114 Resp: 255285
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.182 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion:113 Resp: 74582
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 23.7 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.836 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005768.D

Acq: 19 Aug 2021 14:48

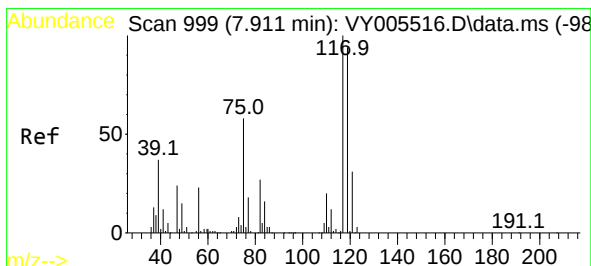
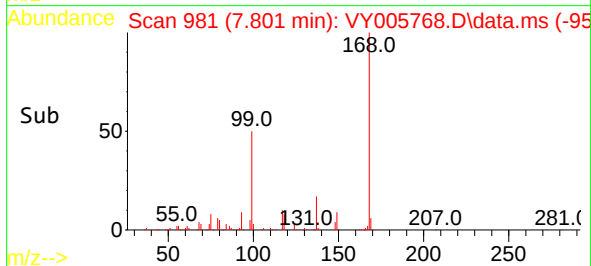
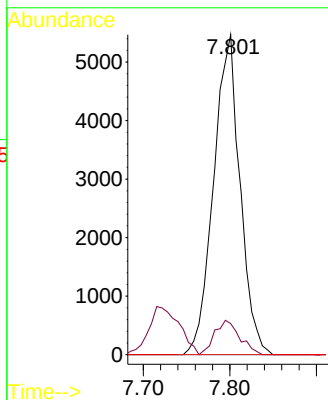
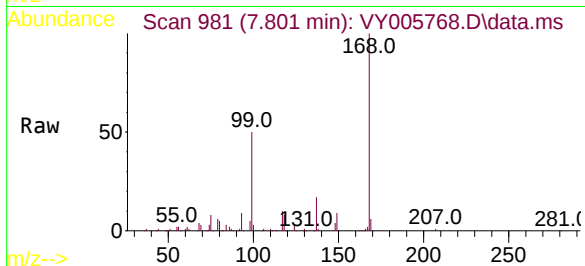
Tgt Ion:	75	Resp:	11580
Ion Ratio	Lower	Upper	
75	100		
110	10.2	18.1	54.1#
77	0.0	25.1	37.7#

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-8-(309.00)-VOC-GRAB



#38

Carbon Tetrachloride

Concen: 5.908 ug/l

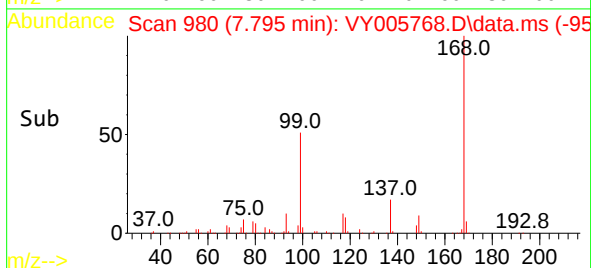
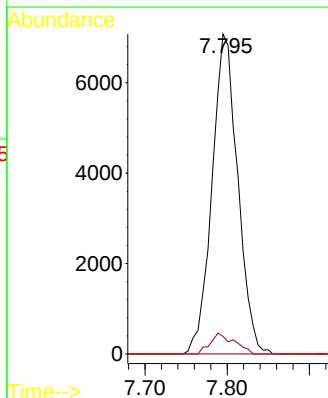
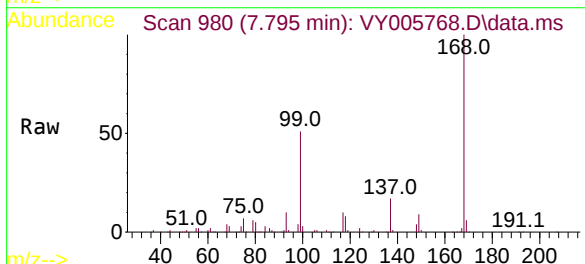
RT: 7.795 min Scan# 980

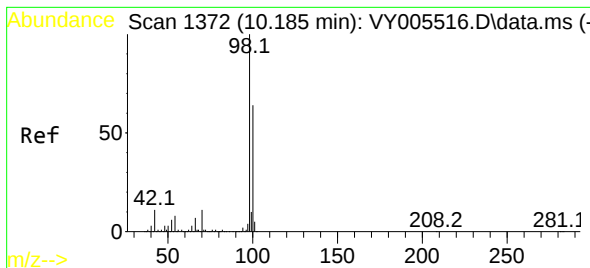
Delta R.T. -0.116 min

Lab File: VY005768.D

Acq: 19 Aug 2021 14:48

Tgt Ion:	117	Resp:	15375
Ion Ratio	Lower	Upper	
117	100		
119	5.5	75.4	113.0#
121	0.0	25.1	37.7#

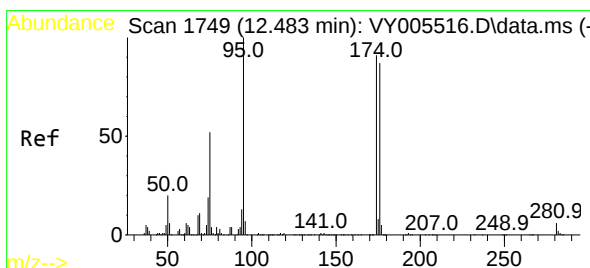
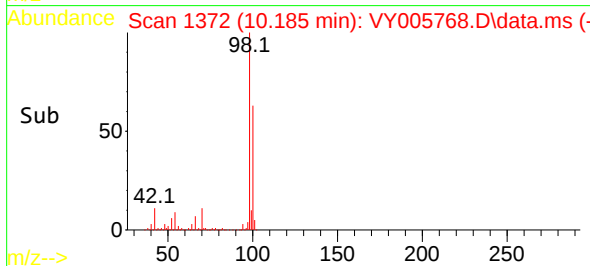
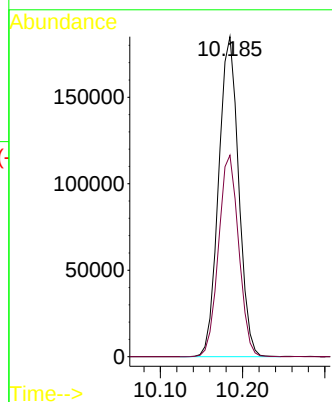
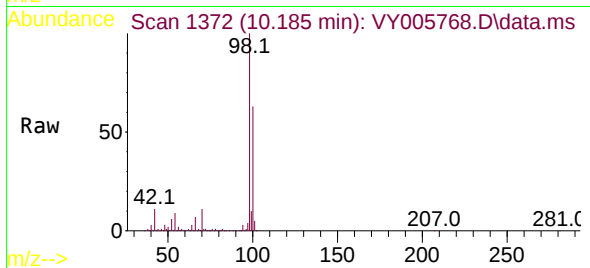




#50
Toluene-d8
Concen: 52.157 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

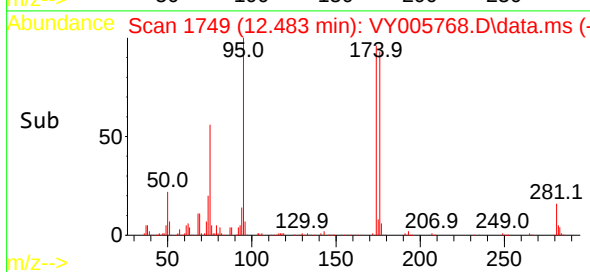
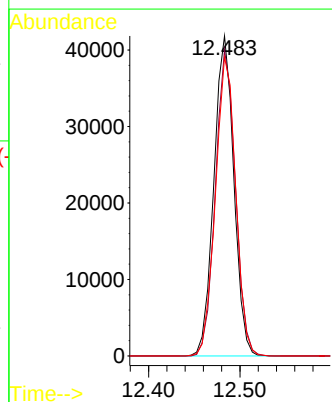
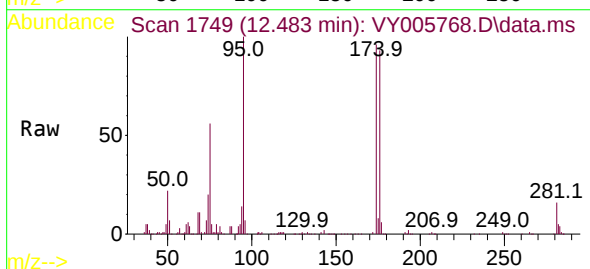
Instrument :
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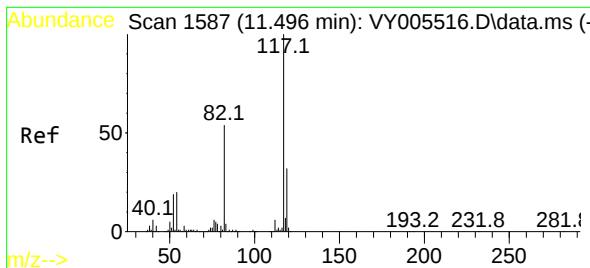
Tgt Ion: 98 Resp: 312646
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 31.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 95 Resp: 63409
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.4
176 94.8 0.0 183.6

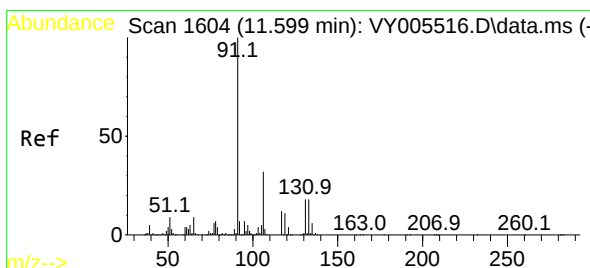
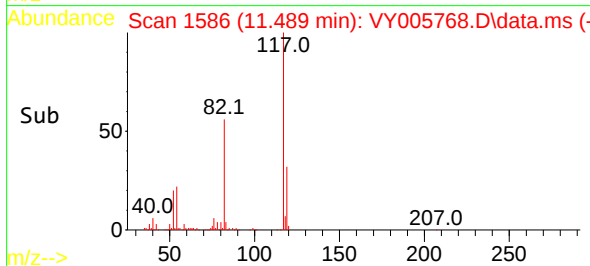
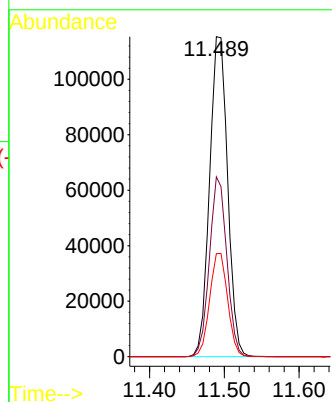
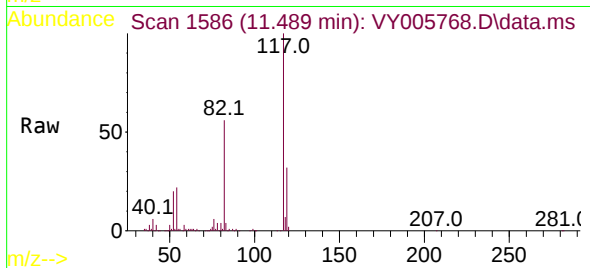




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

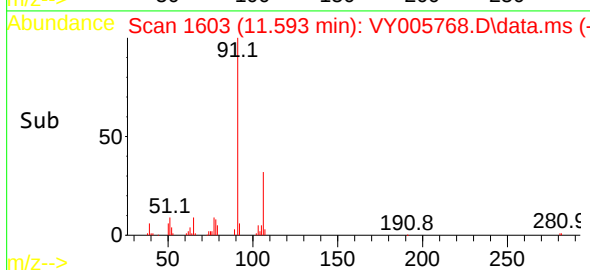
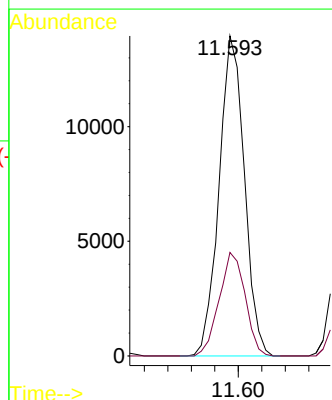
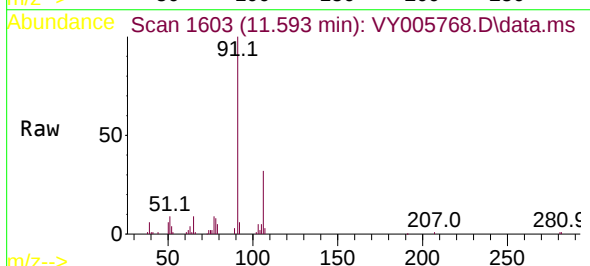
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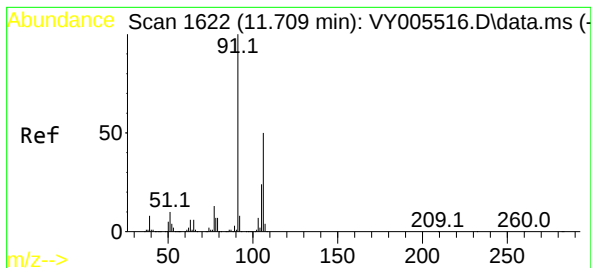
Tgt Ion:117 Resp: 193600
Ion Ratio Lower Upper
117 100
82 56.2 43.5 65.3
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 2.956 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion: 91 Resp: 20883
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6

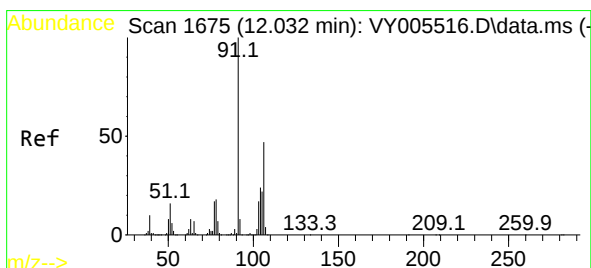
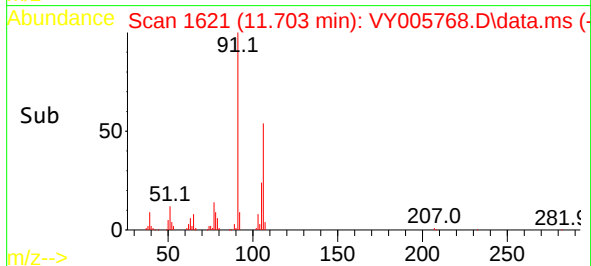
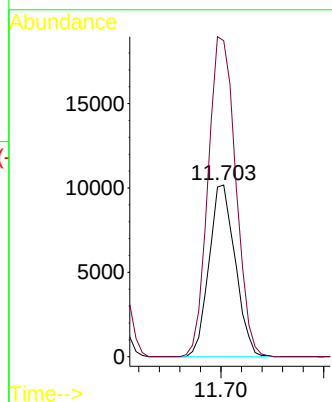
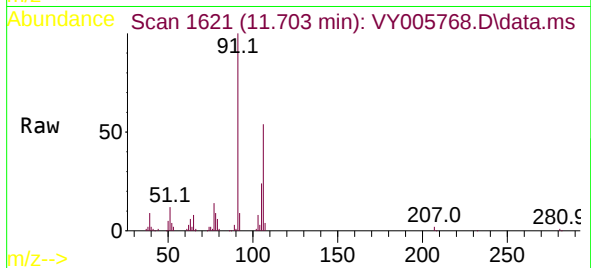




#68
m/p-Xylenes
Concen: 6.567 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

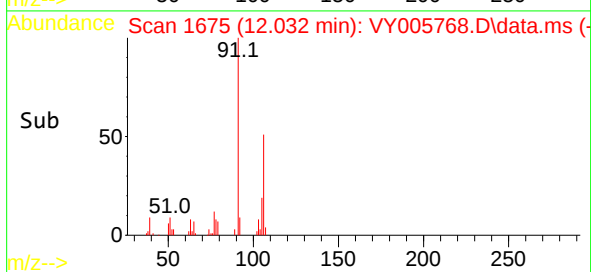
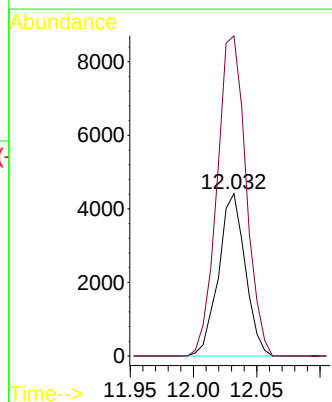
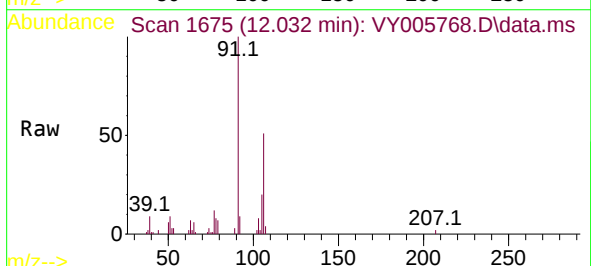
Instrument :
MSVOA_Y
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SAMPLE-8-(309.00)-VOC-GRAB

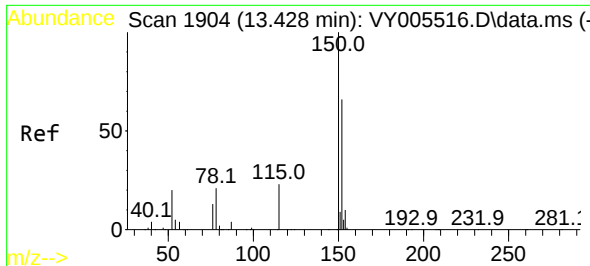
Tgt Ion:106 Resp: 18019
Ion Ratio Lower Upper
106 100
91 196.6 159.6 239.4



#69
o-Xylene
Concen: 2.455 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

Tgt Ion:106 Resp: 6474
Ion Ratio Lower Upper
106 100
91 213.8 106.2 318.6

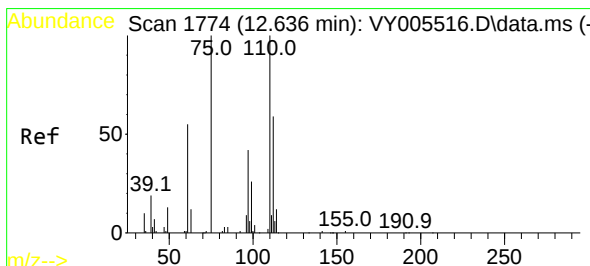
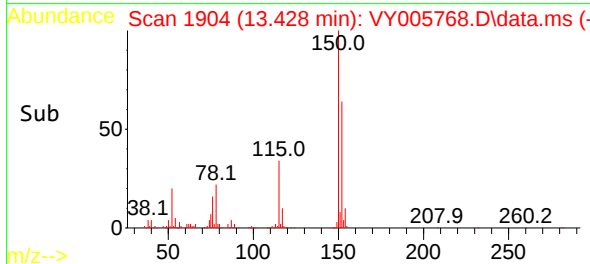
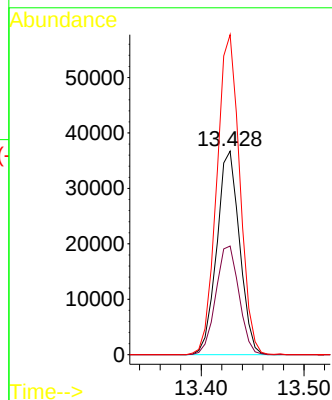
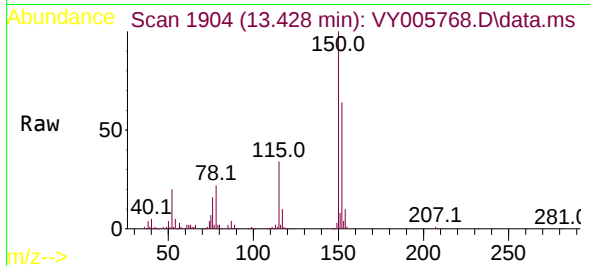




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

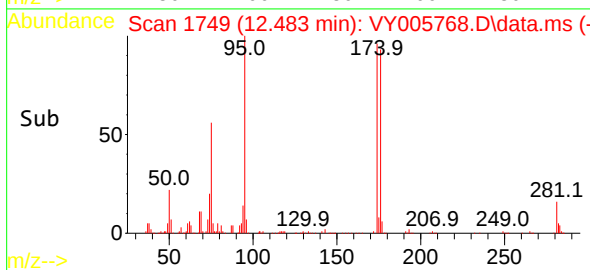
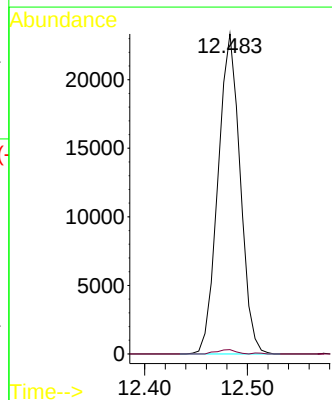
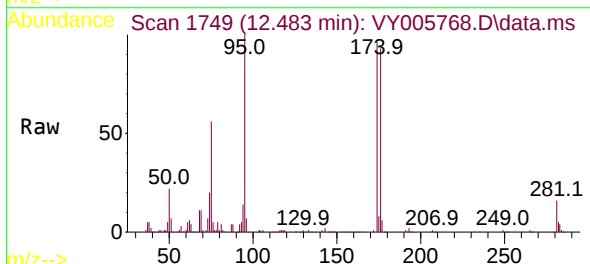
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-8-(309.00)-VOC-GRAB

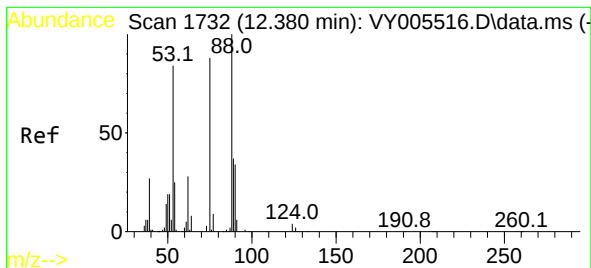
Tgt Ion:152 Resp: 56405
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 158.7 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 59.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005768.D
Acq: 19 Aug 2021 14:48

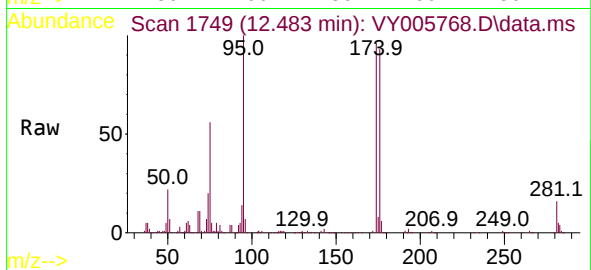
Tgt Ion: 75 Resp: 34926
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.452 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005768.D
 Acq: 19 Aug 2021 14:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-8-(309.00)-VOC-GRAB



Tgt Ion: 75 Resp: 34926
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

