

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006294.D
 Acq On : 04 Oct 2021 22:11
 Operator : SY/MD
 Sample : M4047-01
 Misc : 10.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 149-ENV-1-GRAB

Quant Time: Oct 05 06:39:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

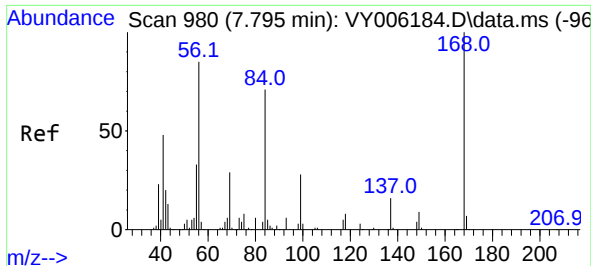
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	109178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	182124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79271	67.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.680%			
35) Dibromofluoromethane	7.722	113	54619	56.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.260%			
50) Toluene-d8	10.185	98	227877	55.958	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.920%			
62) 4-Bromofluorobenzene	12.483	95	70481	50.948	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.900%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	236	2.309	ug/l #	77
16) Acetone	3.960	43	2328	7.133	ug/l	97
20) Methylene Chloride	4.728	84	3856	Below Cal		93
31) Cyclohexane	7.795	56	2510	1.134	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	8681	4.791	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10687	5.585	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1163	1.106	ug/l #	1
60) Dibromochloromethane	10.721	129	2967	2.575	ug/l #	11
64) Tetrachloroethene	10.721	164	3801	2.777	ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	42795	59.067	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42795	116.076	ug/l #	7

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

Quant Time: Oct 05 06:39:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

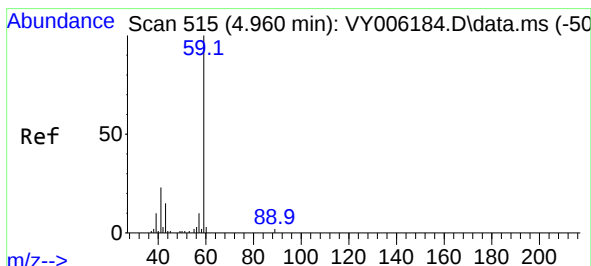
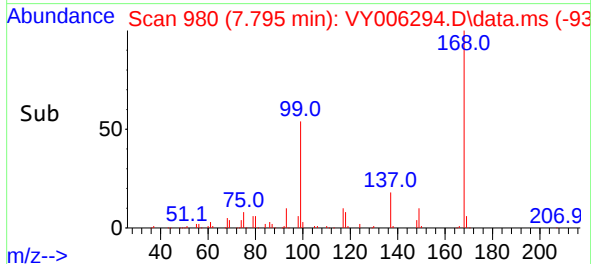
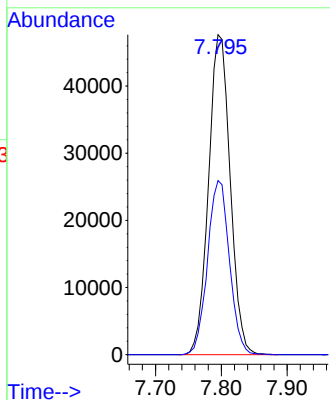
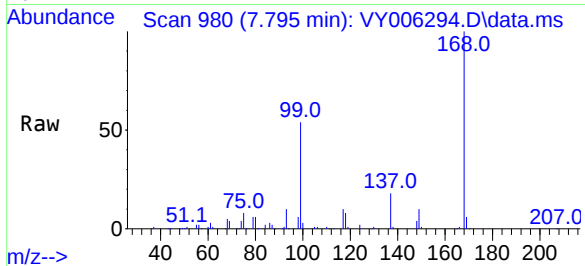




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

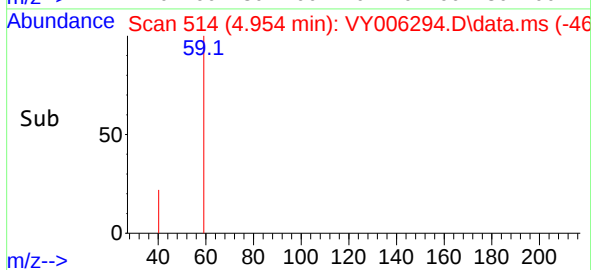
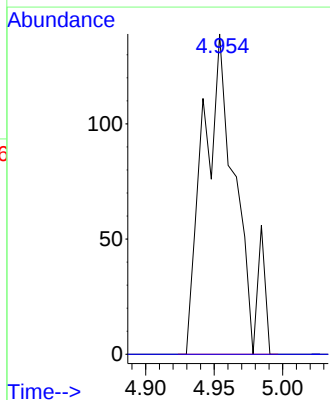
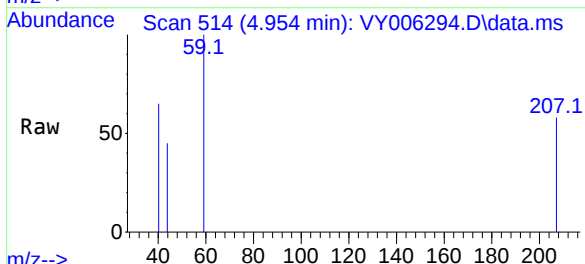
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

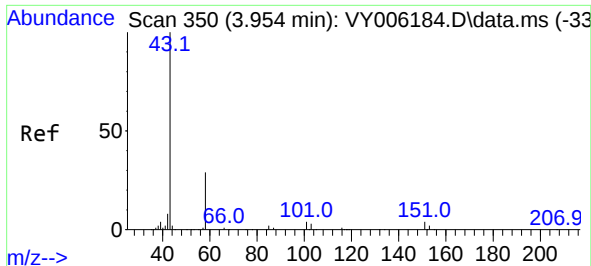
Tgt Ion:168 Resp: 109178
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.309 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

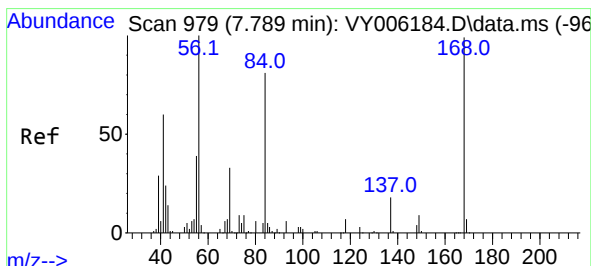
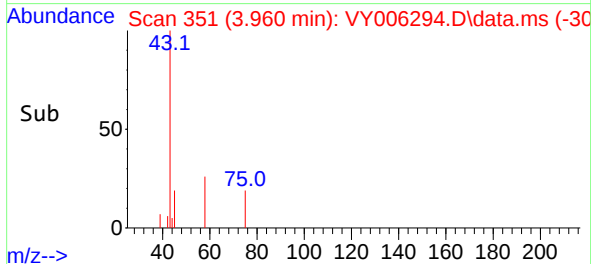
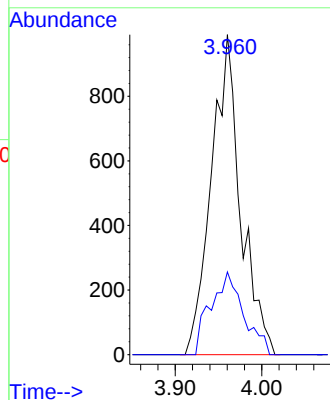
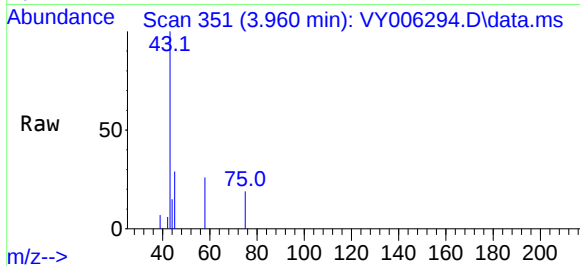




#16
Acetone
Concen: 7.133 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

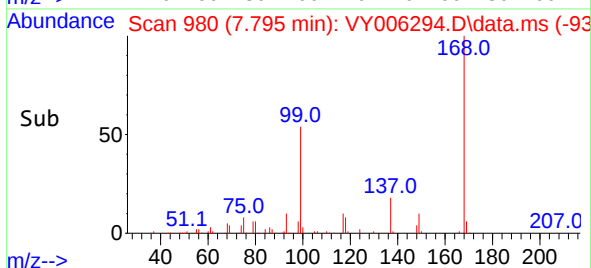
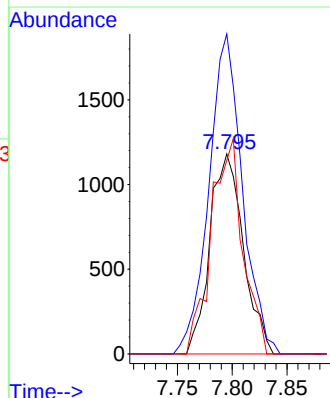
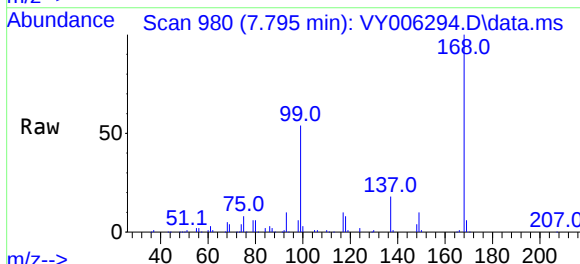
Instrument :
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ClientSampleId :
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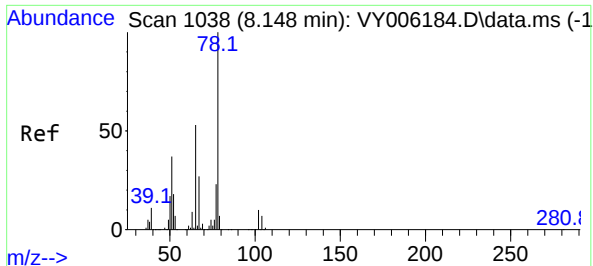
Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 159.9 26.7 40.1#
84 96.7 67.2 100.8

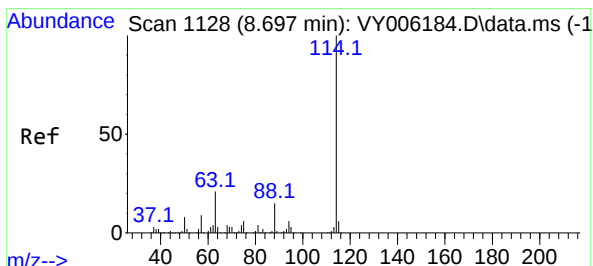
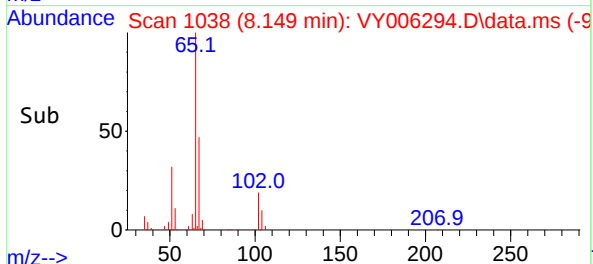
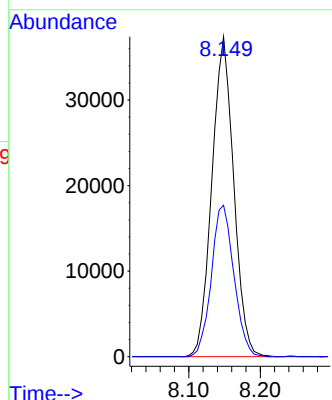
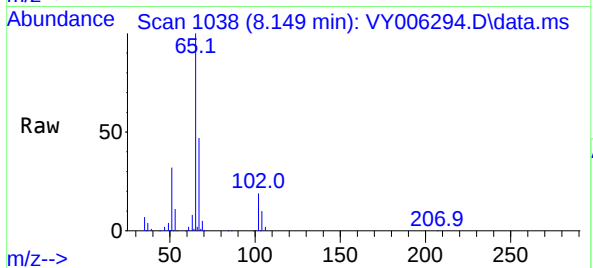




#33
1,2-Dichloroethane-d4
Concen: 67.839 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

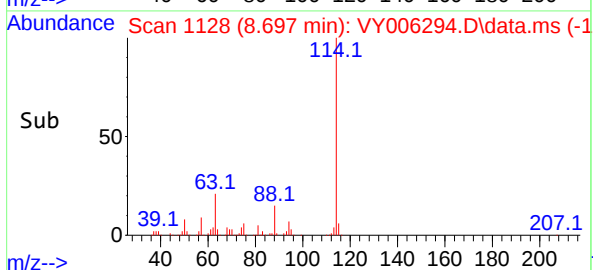
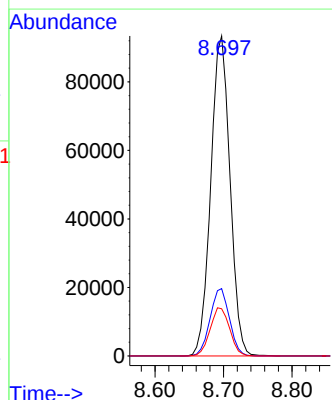
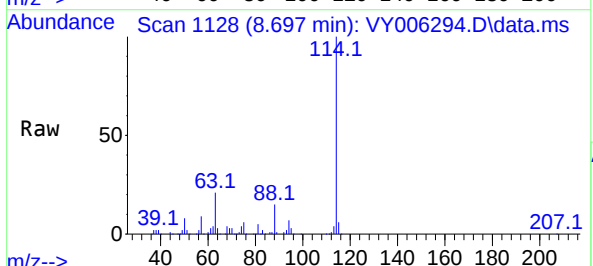
Instrument :
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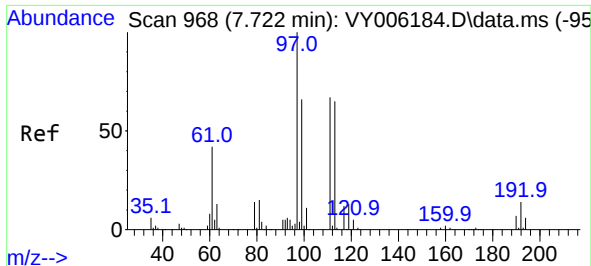
Tgt Ion: 65 Resp: 79271
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion:114 Resp: 182124
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 14.8 0.0 31.8

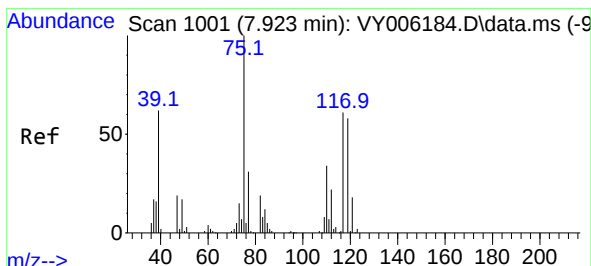
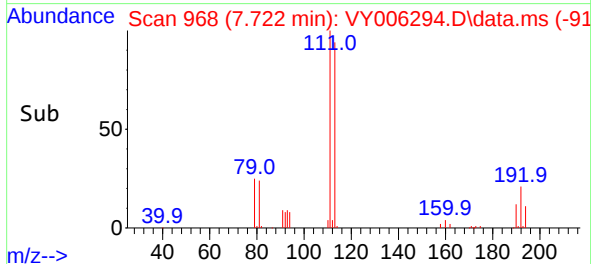
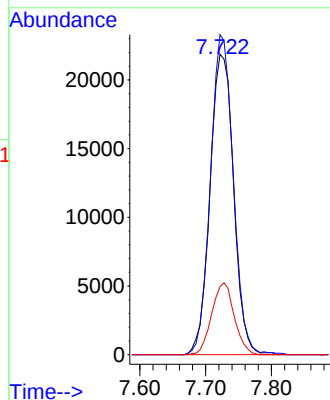
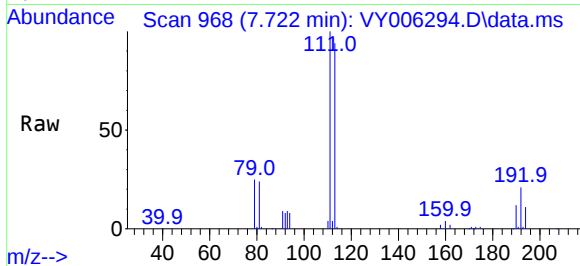




#35
Dibromofluoromethane
Concen: 56.134 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

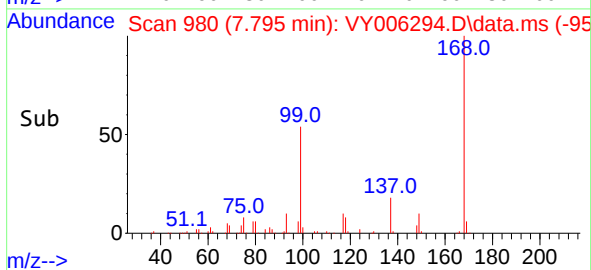
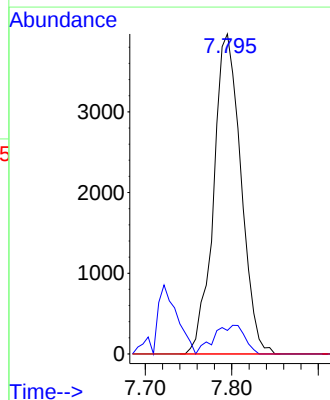
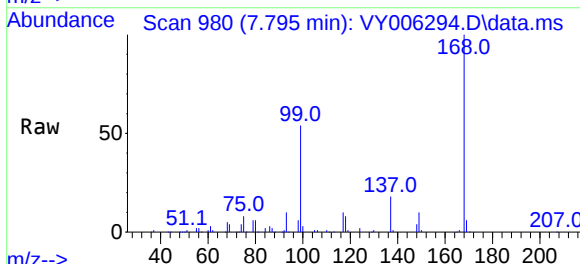
Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

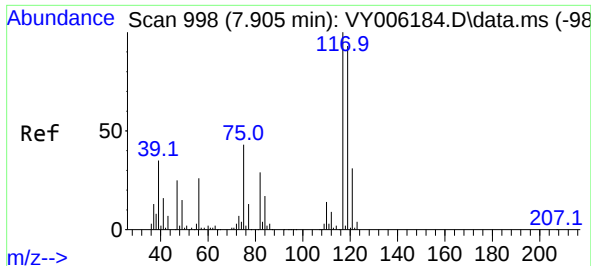
Tgt Ion:	113	Resp:	54619
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	22.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

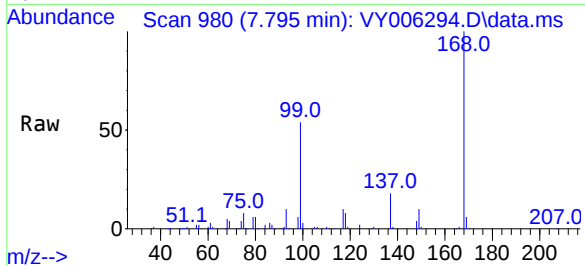
Tgt Ion:	75	Resp:	8681
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.1	51.2#
77	0.0	24.4	36.6#



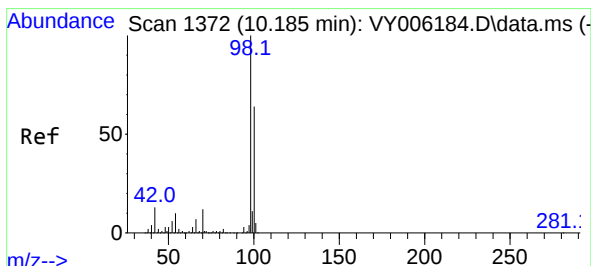
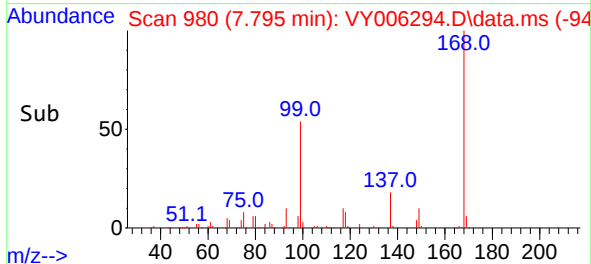
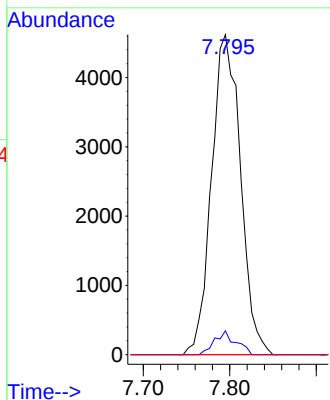


#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

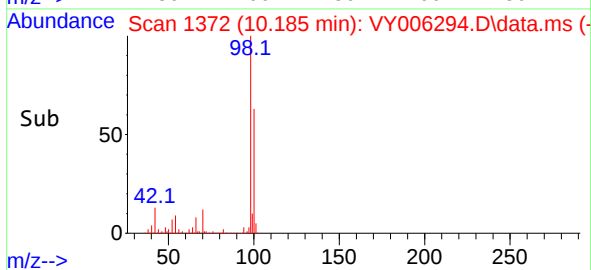
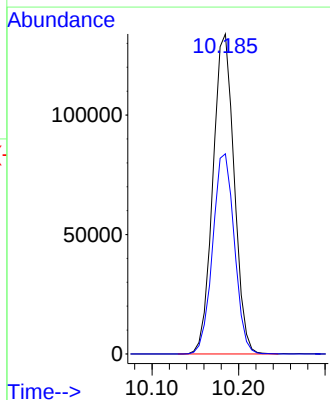
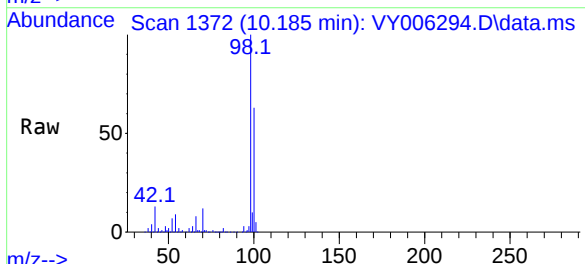


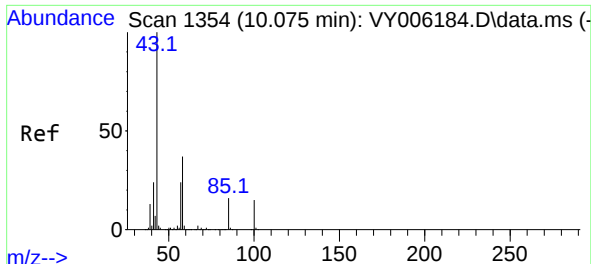
Tgt Ion:117 Resp: 10687
Ion Ratio Lower Upper
117 100
119 7.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.958 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 98 Resp: 227877
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

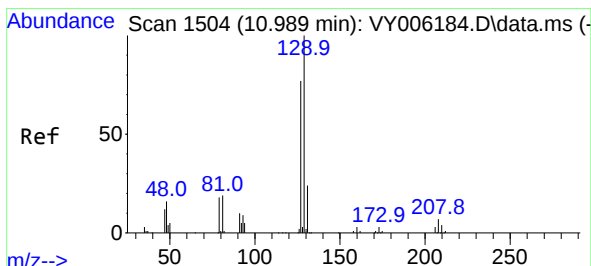
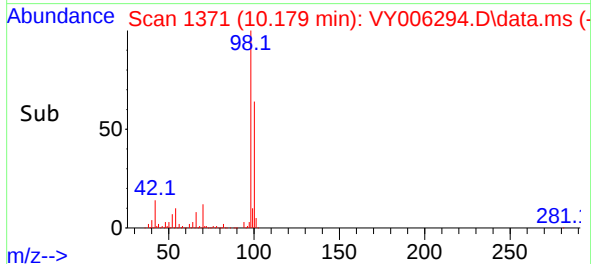
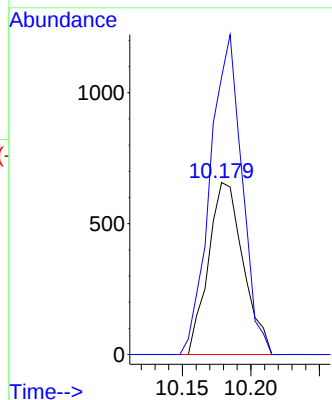
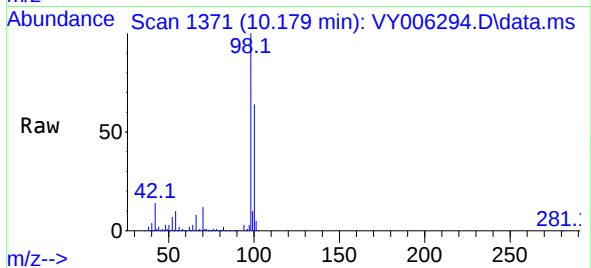




#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

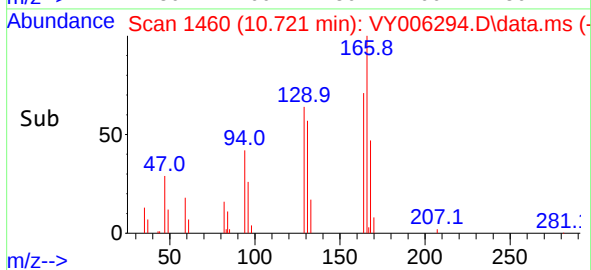
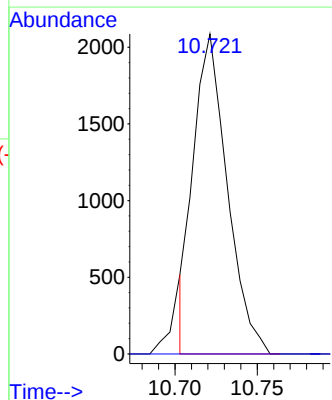
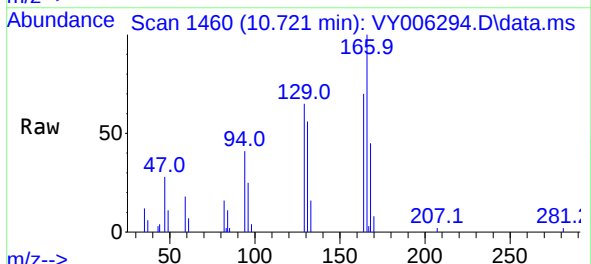
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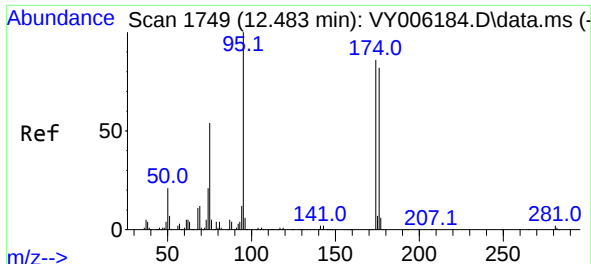
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 170.2 28.1 42.1#



#60
Dibromochloromethane
Concen: 2.575 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 129 Resp: 2967
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



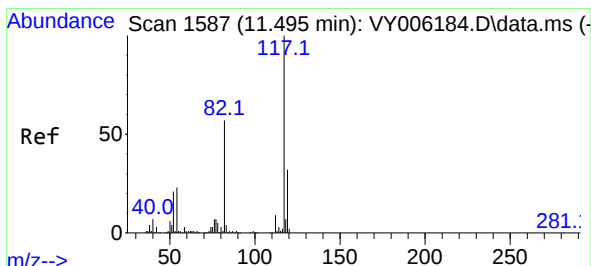
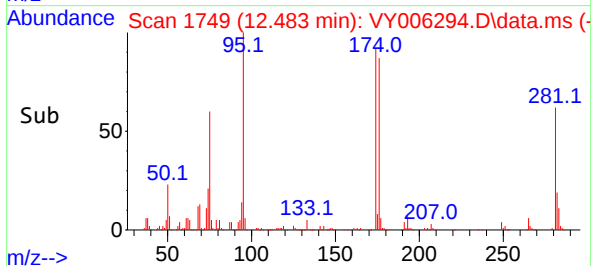
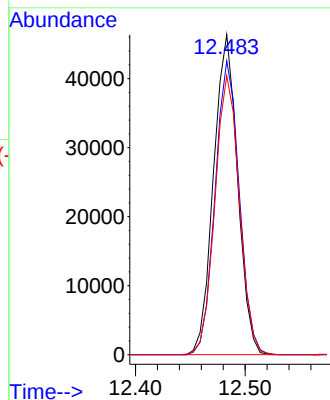
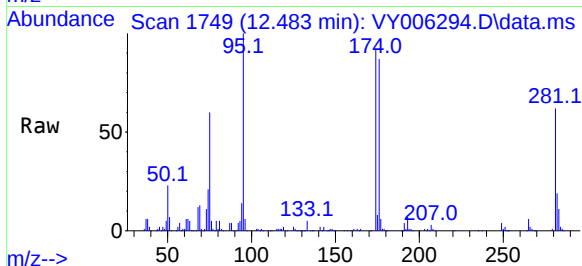


#62
4-Bromofluorobenzene
Concen: 50.948 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 70481

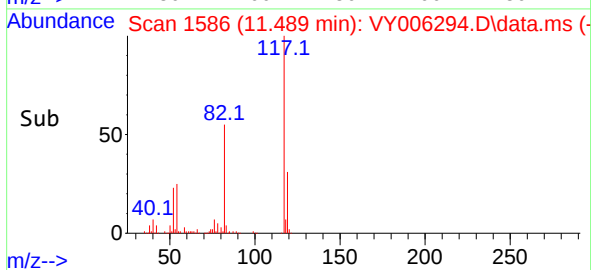
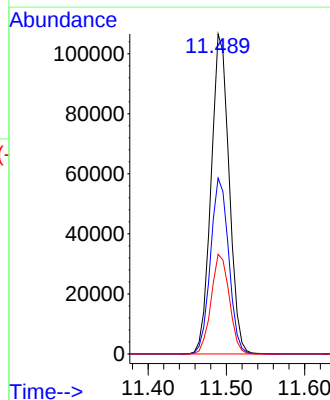
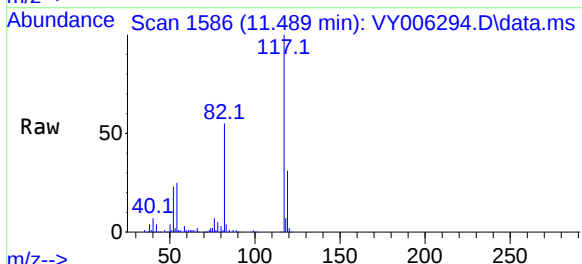
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	177.0
176	88.6	0.0	175.8

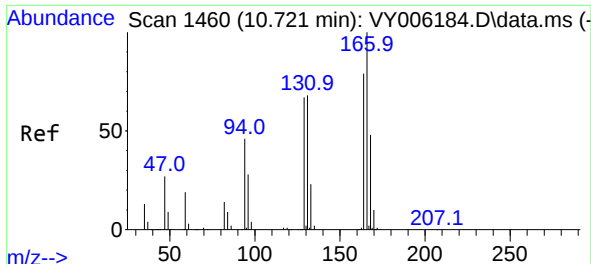


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion: 117 Resp: 169931

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	31.2	25.4	38.0



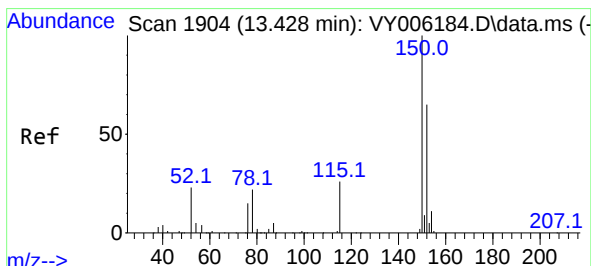
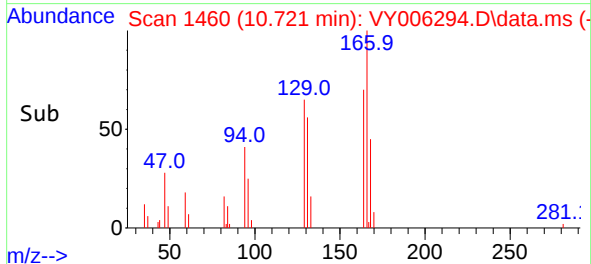
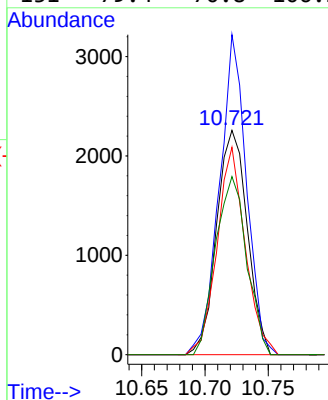
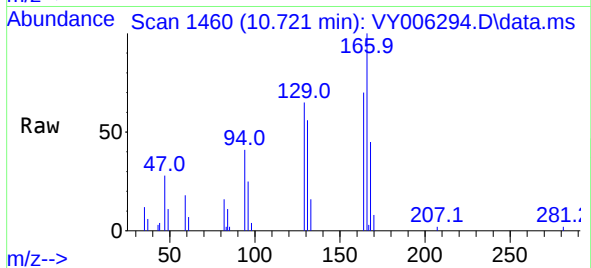


#64
Tetrachloroethene
Concen: 2.777 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Instrument :
MSVOA_Y
ClientSampleId :
149-ENV-1-GRAB

Tgt Ion:164 Resp: 3801

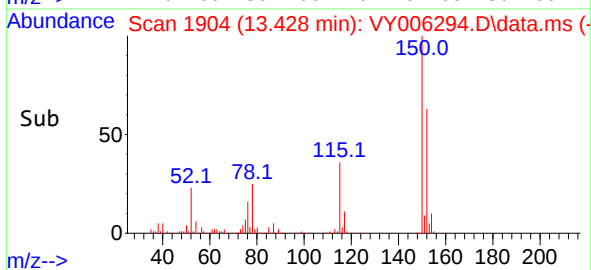
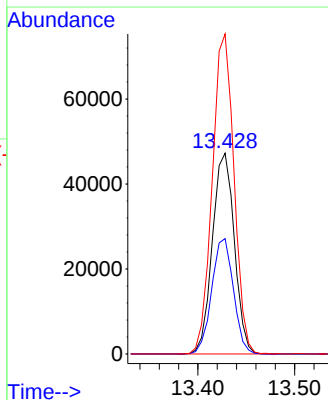
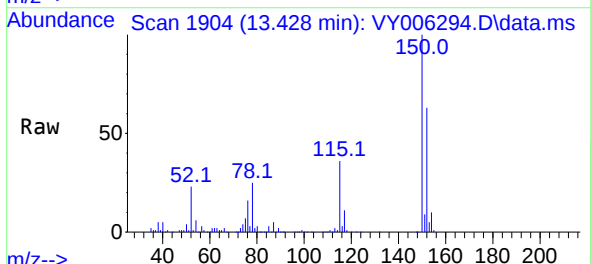
Ion	Ratio	Lower	Upper
164	100		
166	142.6	100.4	150.6
129	92.4	71.4	107.0
131	79.4	70.8	106.2



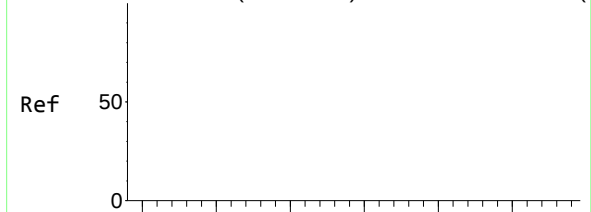
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006294.D
Acq: 04 Oct 2021 22:11

Tgt Ion:152 Resp: 74542

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	157.5	0.0	347.6

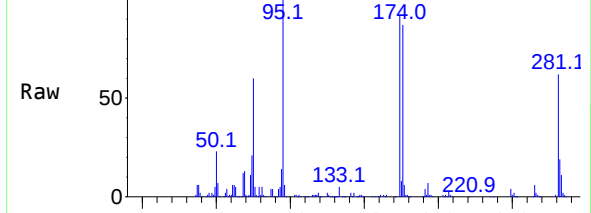


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



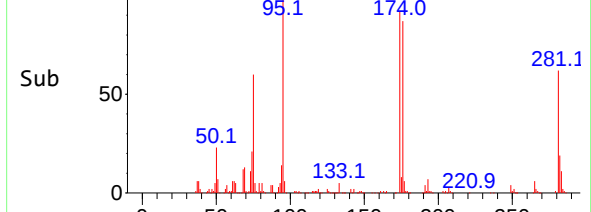
m/z-->

Abundance Scan 1749 (12.483 min): VY006294.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006294.D\data.ms (-



m/z-->

#76

1,2,3-Trichloropropane

Concen: 59.067 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006294.D

Acq: 04 Oct 2021 22:11

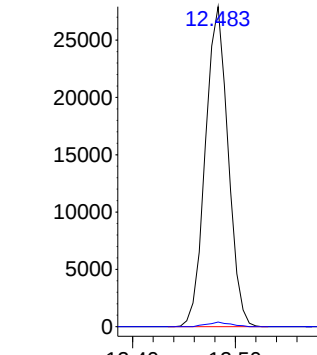
Tgt Ion: 75 Resp: 42795

Ion Ratio Lower Upper

75 100

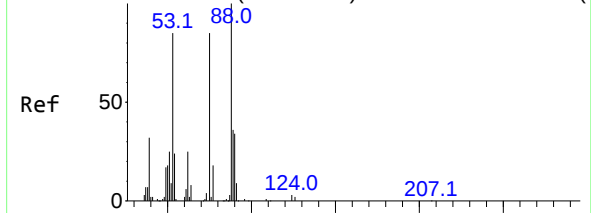
77 1.5 0.0 0.0#

Abundance



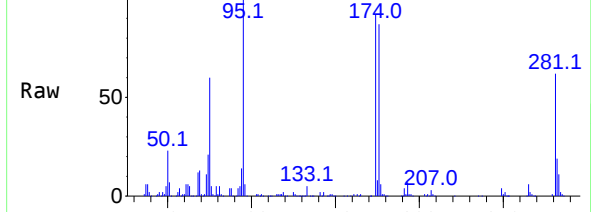
Time-->

Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



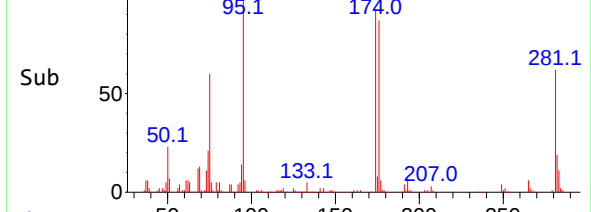
m/z-->

Abundance Scan 1749 (12.483 min): VY006294.D\data.ms (-



m/z-->

Abundance Scan 1749 (12.483 min): VY006294.D\data.ms (-



m/z-->

#81

trans-1,4-Dichloro-2-butene

Concen: 116.076 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006294.D

Acq: 04 Oct 2021 22:11

Tgt Ion: 75 Resp: 42795

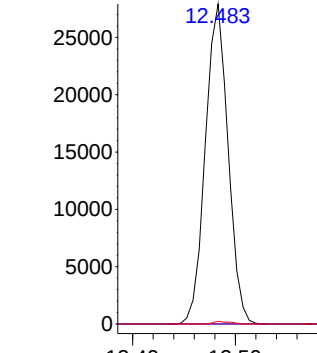
Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.6 37.0 55.4#

Abundance



Time-->

Instrument :

MSVOA_Y

ClientSampleId :

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