

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004797.D
 Acq On : 17 May 2021 12:13
 Operator : SY/MD
 Sample : M2409-01RE
 Misc : 6.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-06

Quant Time: May 18 01:03:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	179280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	309973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.149	65	127174	59.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.18%
35) Dibromofluoromethane	7.728	113	98295	55.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.78%
50) Toluene-d8	10.185	98	401895	50.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.18%
62) 4-Bromofluorobenzene	12.483	95	139322	51.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.92%

Target Compounds

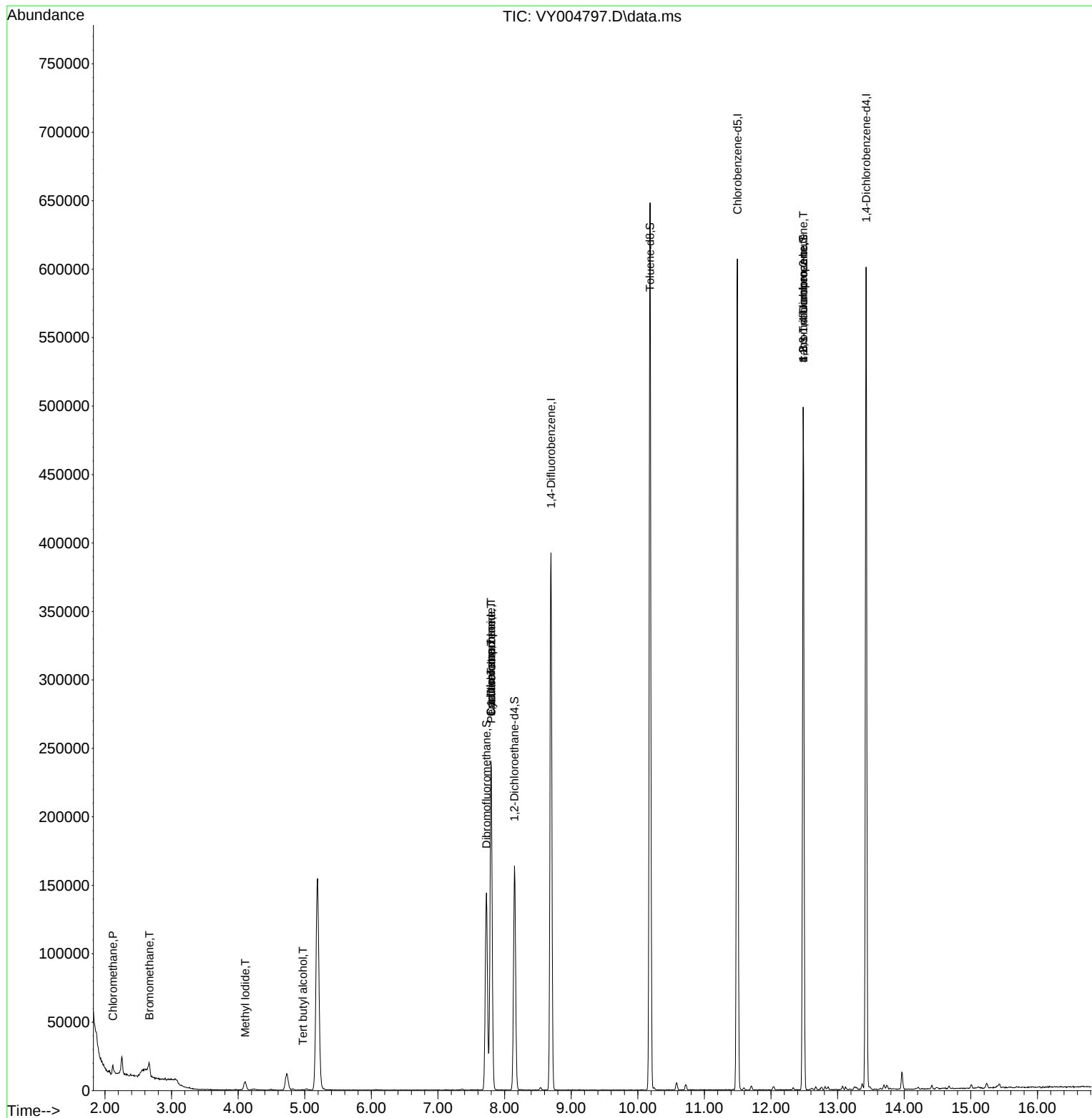
						Qvalue
3) Chloromethane	2.119	50	5151	1.94	ug/l	97
5) Bromomethane	2.668	94	4775	3.44	ug/l	83
10) Methyl Iodide	4.107	142	9601	4.90	ug/l	99
11) Tert butyl alcohol	4.972	59	385	1.80	ug/l #	71
20) Methylene Chloride	4.729	84	8640	Below	Cal	94
31) Cyclohexane	7.795	56	4520	1.31	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14948	4.54	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18261	6.17	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	77447	51.71	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77447	89.66	ug/l #	13

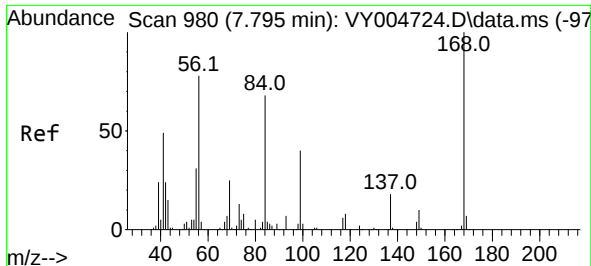
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
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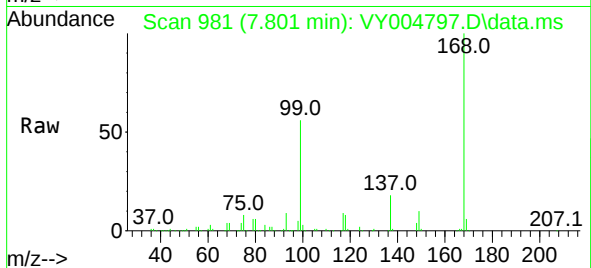
Quant Time: May 18 01:03:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
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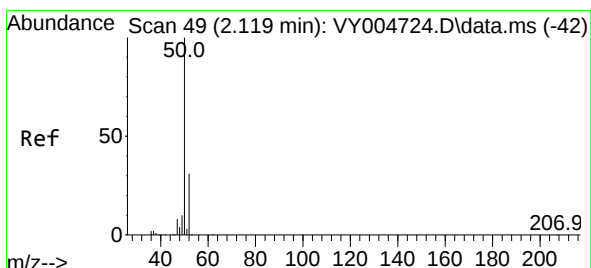
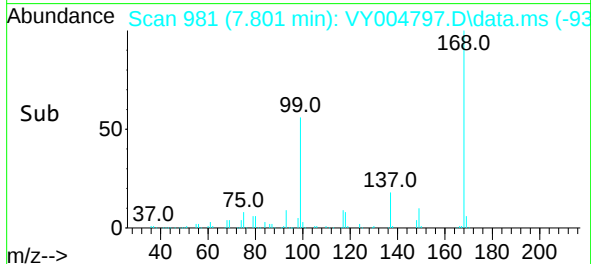
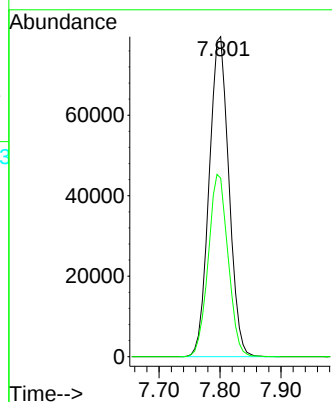


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

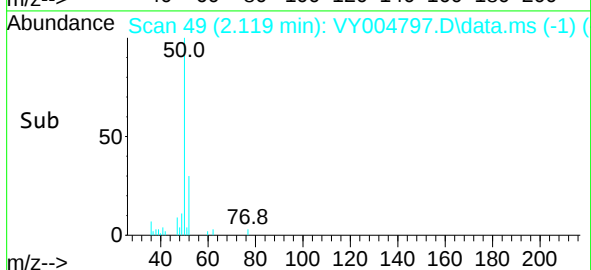
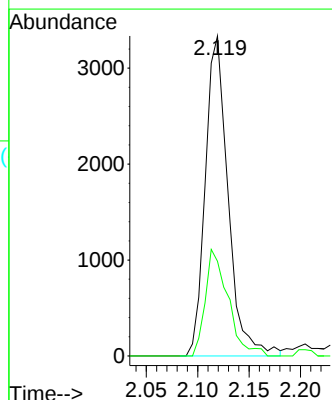
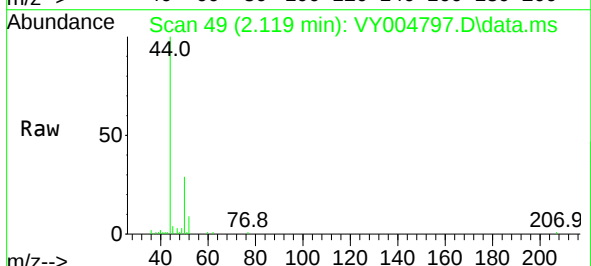


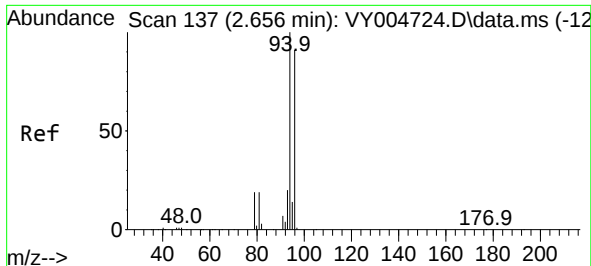
Tgt Ion:168 Resp: 179280
Ion Ratio Lower Upper
168 100
99 55.8 45.6 68.4



#3
Chloromethane
Concen: 1.94 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 50 Resp: 5151
Ion Ratio Lower Upper
50 100
52 29.6 25.0 37.6

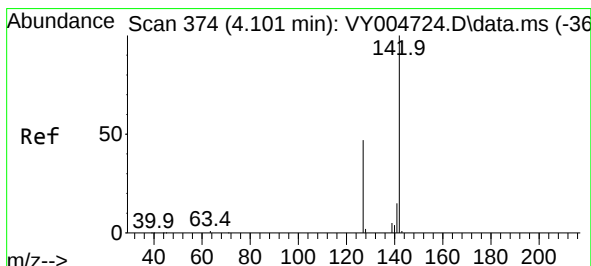
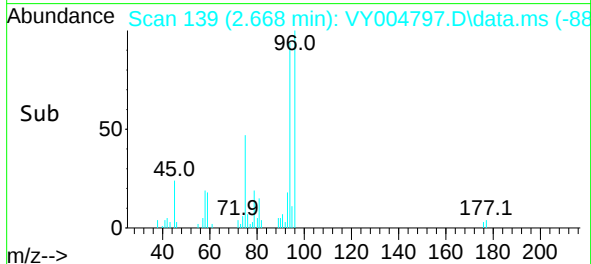
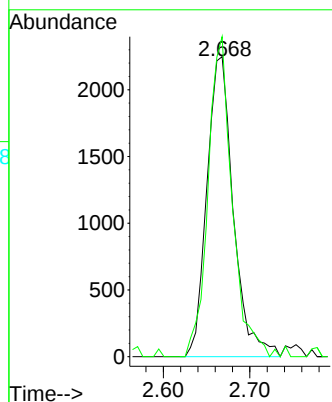
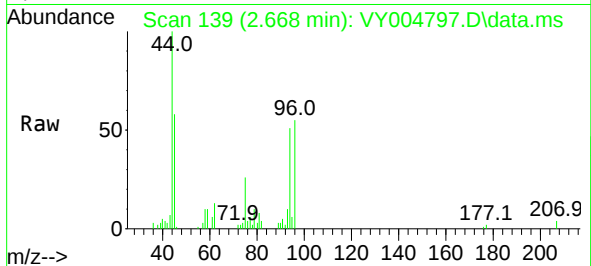




#5
Bromomethane
Concen: 3.44 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

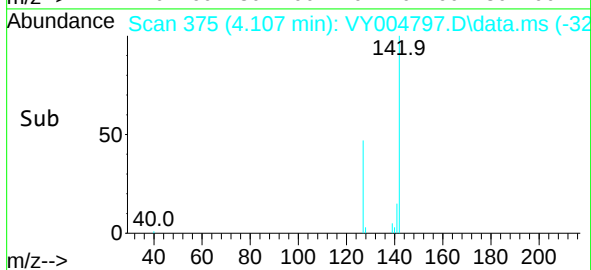
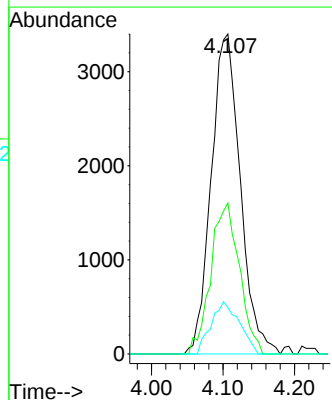
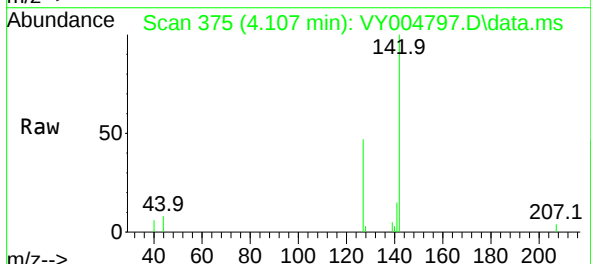
Instrument :
MSVOA_Y
ClientSampleId :
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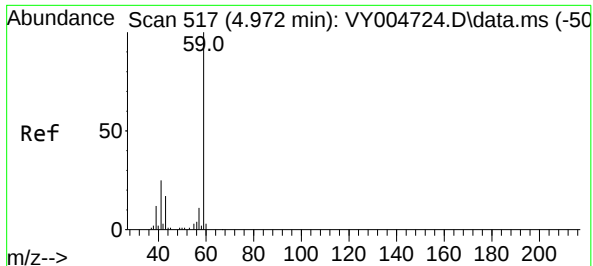
Tgt Ion: 94 Resp: 4775
Ion Ratio Lower Upper
94 100
96 106.7 72.6 109.0



#10
Methyl Iodide
Concen: 4.90 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion:142 Resp: 9601
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 15.9 11.9 17.9



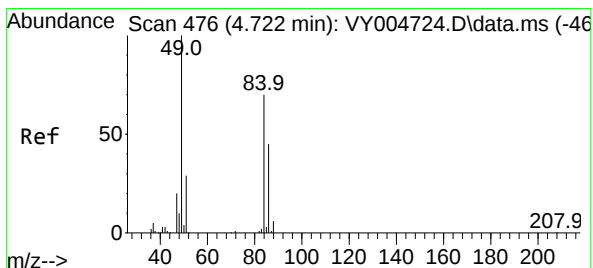
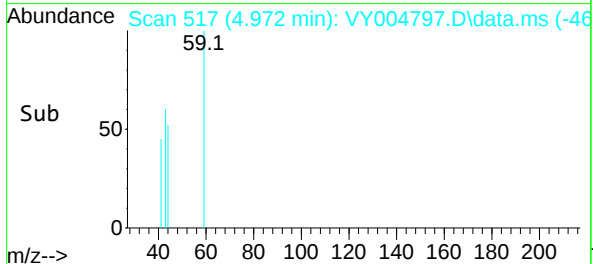
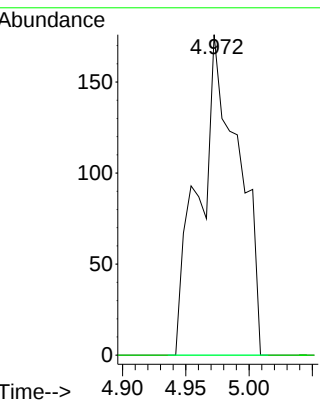
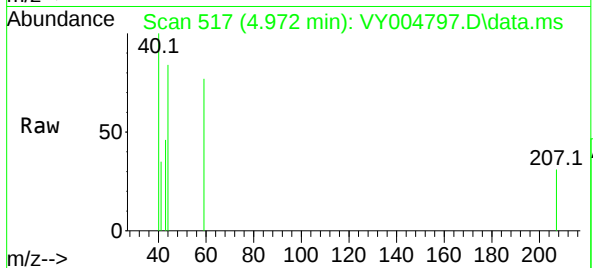


#11

Tert butyl alcohol
Concen: 1.80 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

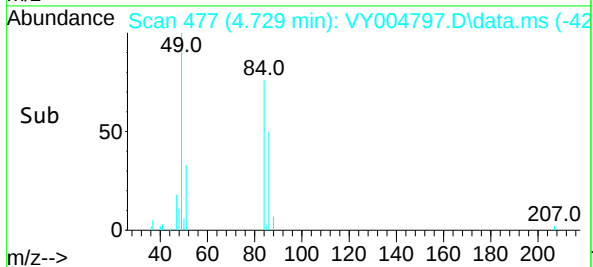
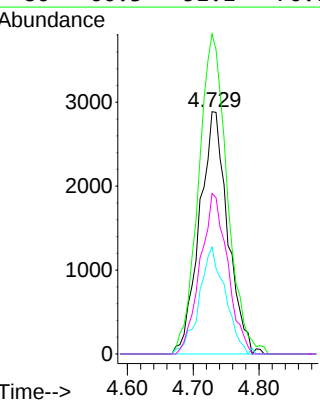
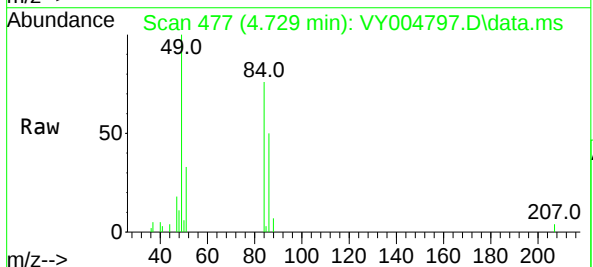
Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

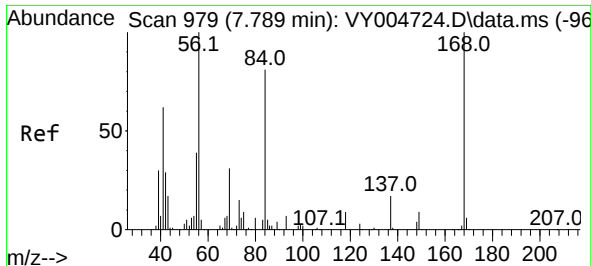


#20

Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

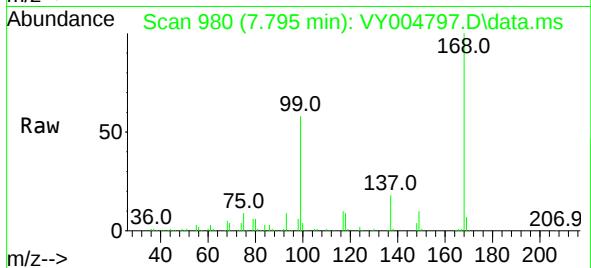
Tgt Ion: 84 Resp: 8640
Ion Ratio Lower Upper
84 100
49 132.1 113.8 170.8
51 44.1 33.5 50.3
86 66.3 51.1 76.7



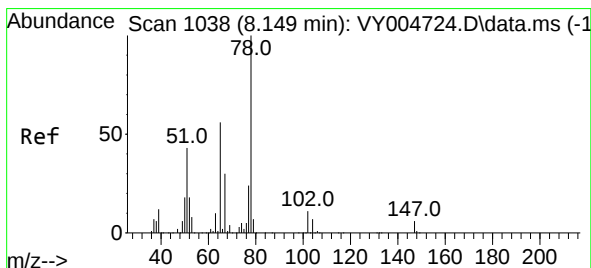
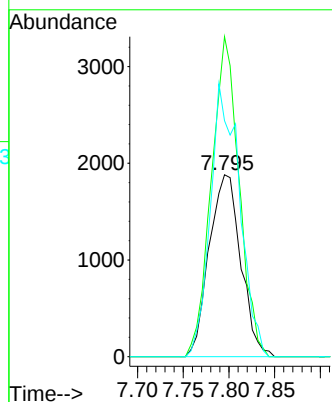
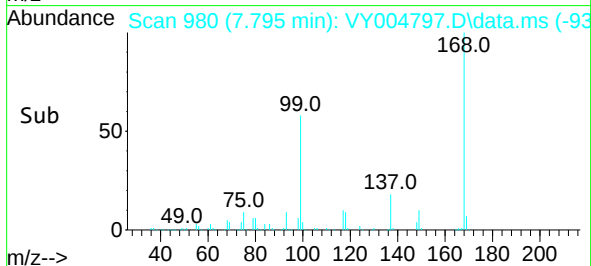


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

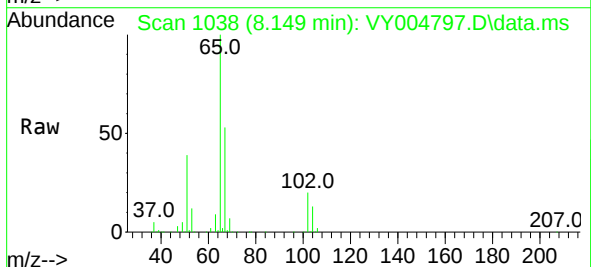
Instrument :
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ClientSampleId :
BACKFILL-ASHCROFT-REAR-06



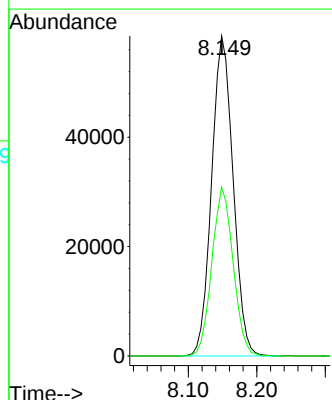
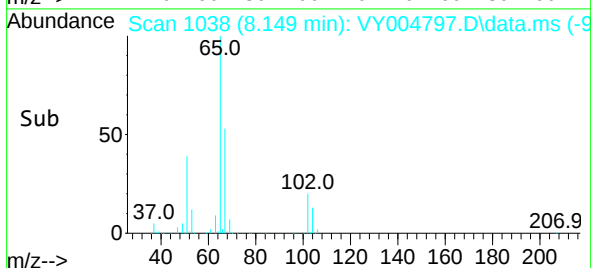
Tgt Ion: 56 Resp: 4520
Ion Ratio Lower Upper
56 100
69 175.8 24.4 36.6#
84 129.6 64.8 97.2#

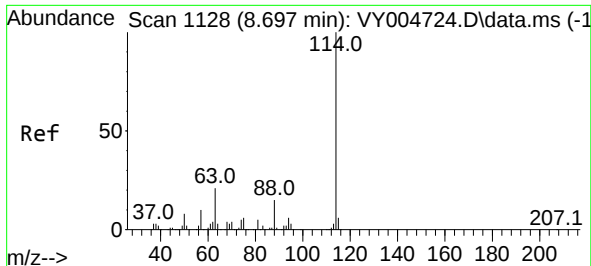


#33
1,2-Dichloroethane-d4
Concen: 59.59 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13



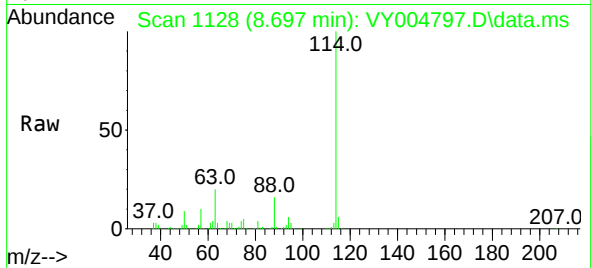
Tgt Ion: 65 Resp: 127174
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



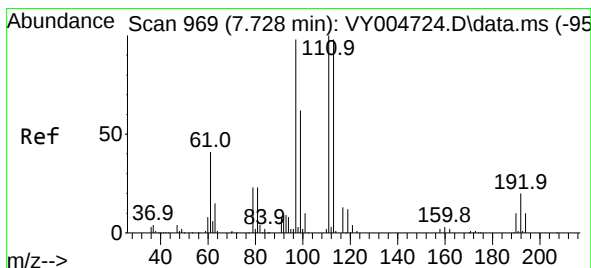
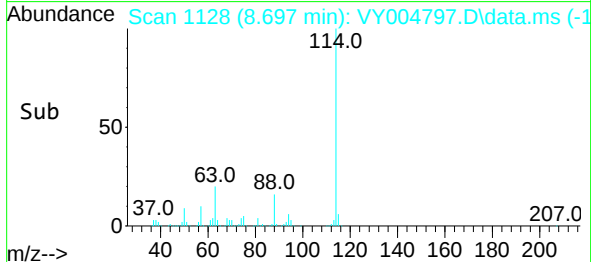
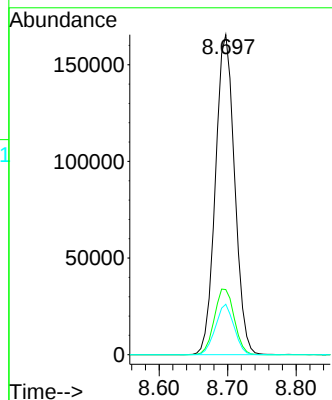


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

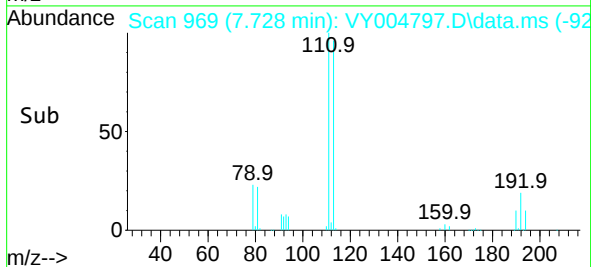
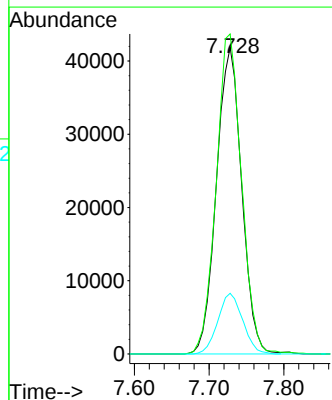
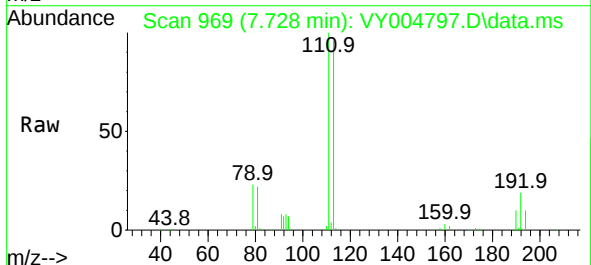


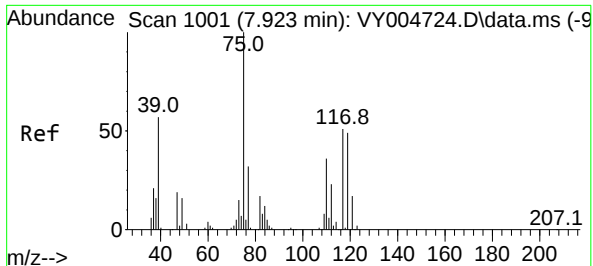
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	15.8	0.0	31.0



#35
Dibromofluoromethane
Concen: 55.89 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.5	120.7
192	19.5	15.0	22.6





#36

1,1-Dichloropropene

Concen: 4.54 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004797.D

Acq: 17 May 2021 12:13

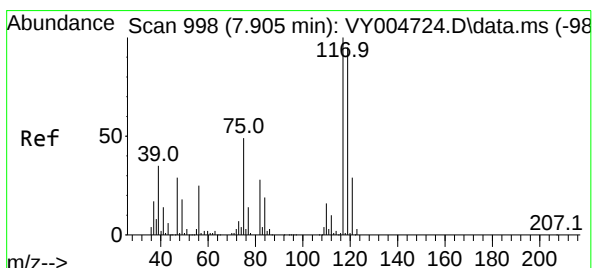
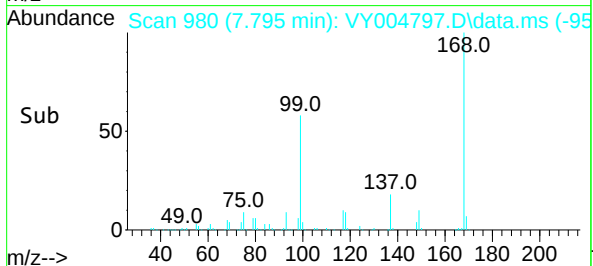
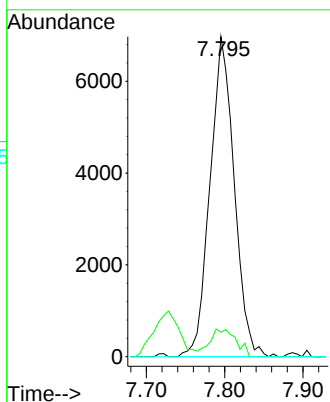
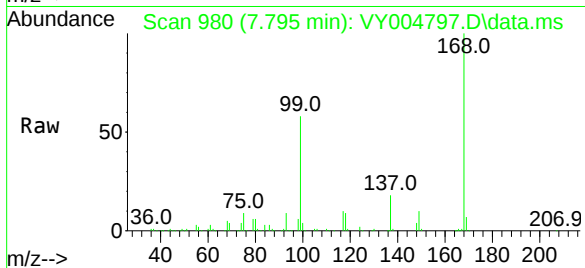
Instrument :

MSVOA_Y

ClientSampleId :

BACKFILL-ASHCROFT-REAR-06

Tgt Ion:	75	Resp:	14948
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.0	50.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.17 ug/l

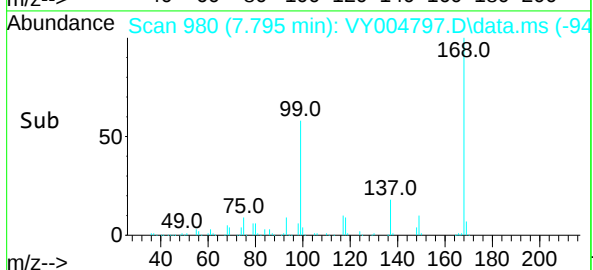
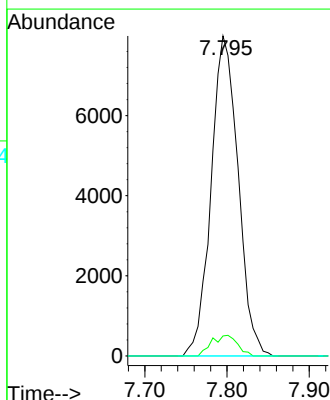
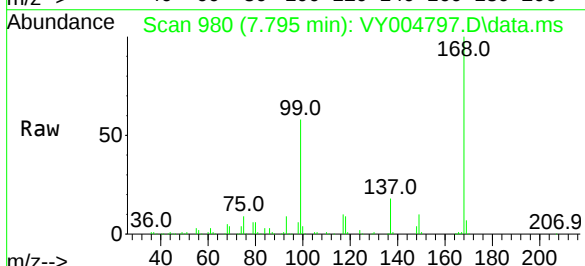
RT: 7.795 min Scan# 980

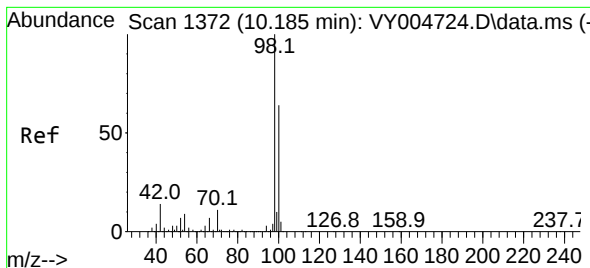
Delta R.T. -0.110 min

Lab File: VY004797.D

Acq: 17 May 2021 12:13

Tgt Ion:	117	Resp:	18261
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.3	114.5#
121	0.0	23.0	34.6#

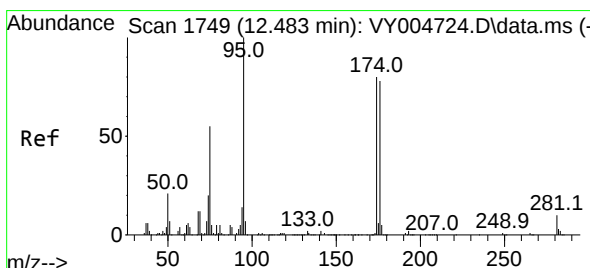
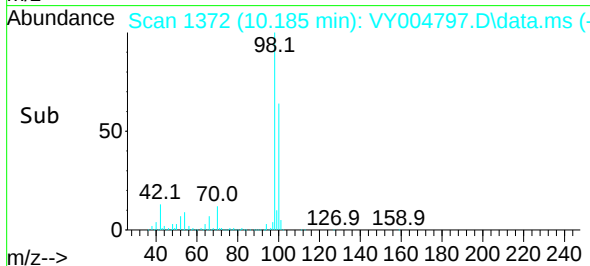
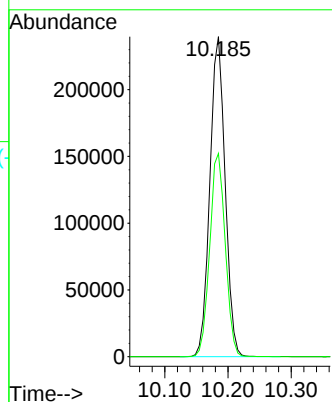
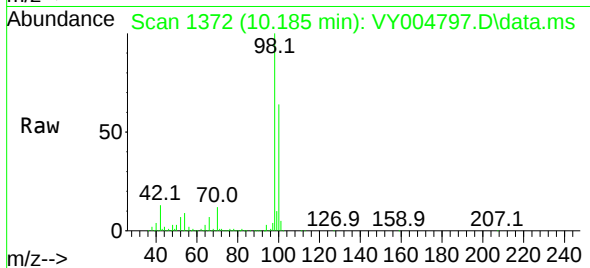




#50
Toluene-d8
Concen: 50.59 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

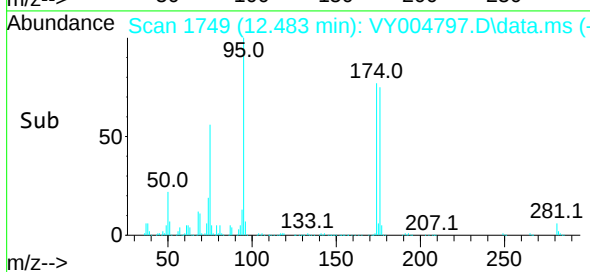
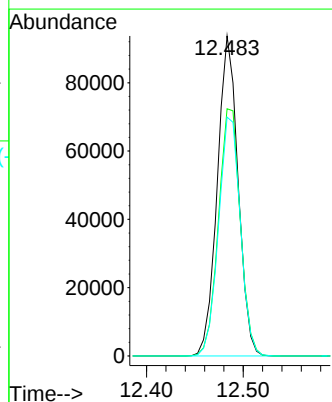
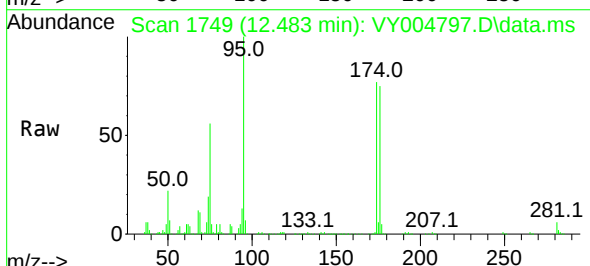
Instrument :
MSVOA_Y
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BACKFILL-ASHCROFT-REAR-06

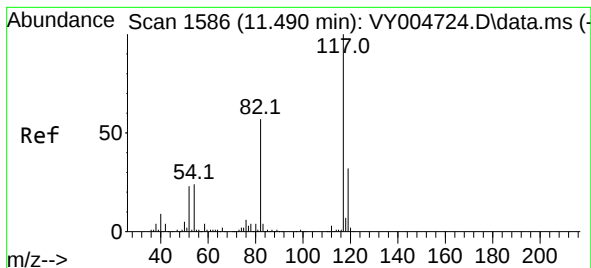
Tgt Ion: 98 Resp: 401895
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 95 Resp: 139322
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.2
176 78.3 0.0 159.0

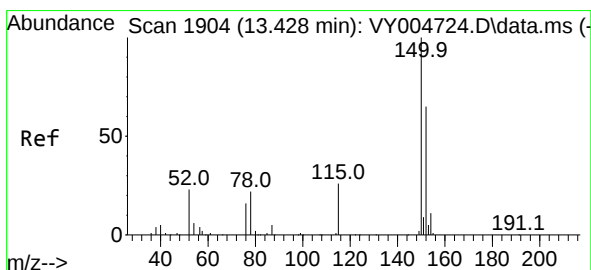
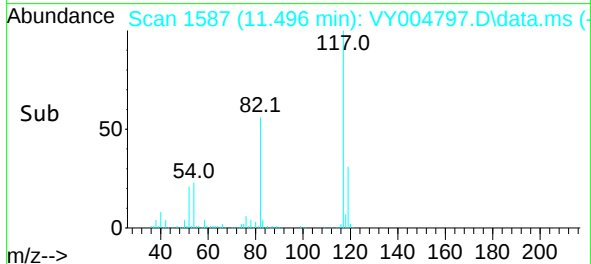
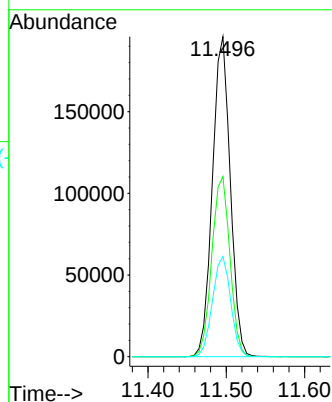
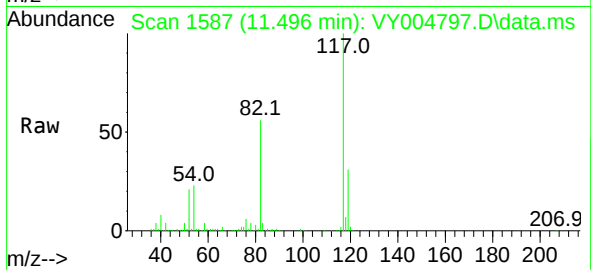




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

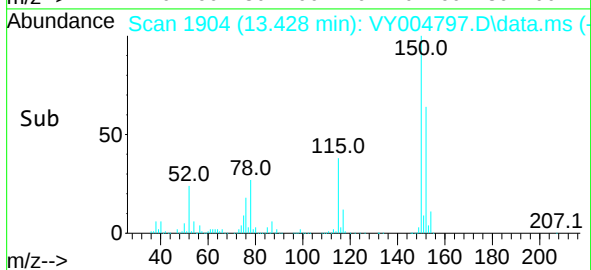
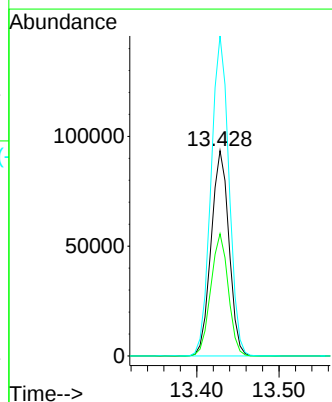
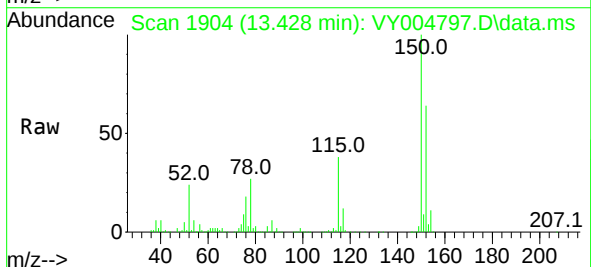
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

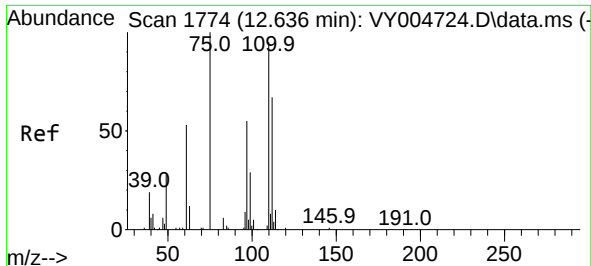
Tgt Ion:117 Resp: 309973
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion:152 Resp: 141003
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 156.9 0.0 349.8

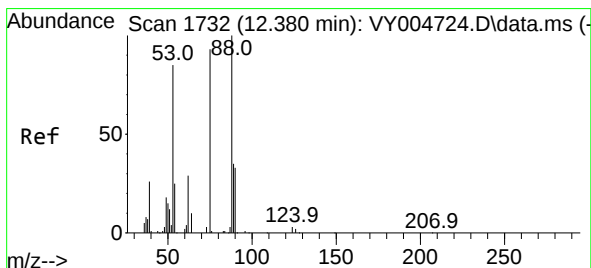
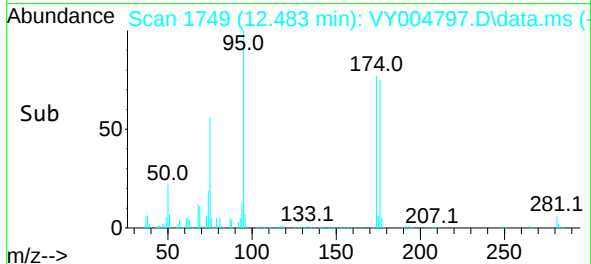
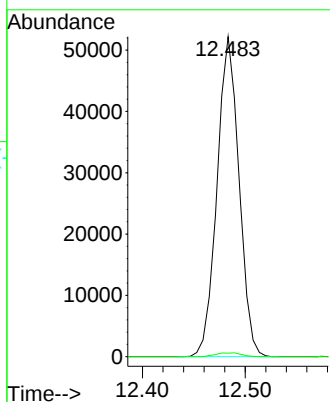
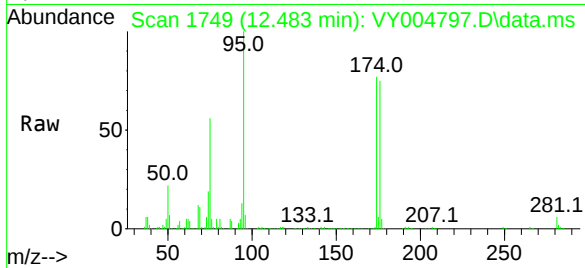




#76
1,2,3-Trichloropropane
Concen: 51.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-06

Tgt Ion: 75 Resp: 77447
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004797.D
Acq: 17 May 2021 12:13

Tgt Ion: 75 Resp: 77447
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.2 35.5 53.3#

