

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006585.D
 Acq On : 02 Nov 2021 18:36
 Operator : SY/MD
 Sample : M4433-03
 Misc : 4.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035

Quant Time: Nov 03 02:02:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	18131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	28302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11263	50.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.960%
35) Dibromofluoromethane	7.728	113	7585	48.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.160%
50) Toluene-d8	10.185	98	35299	52.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.483	95	9254	41.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.160%

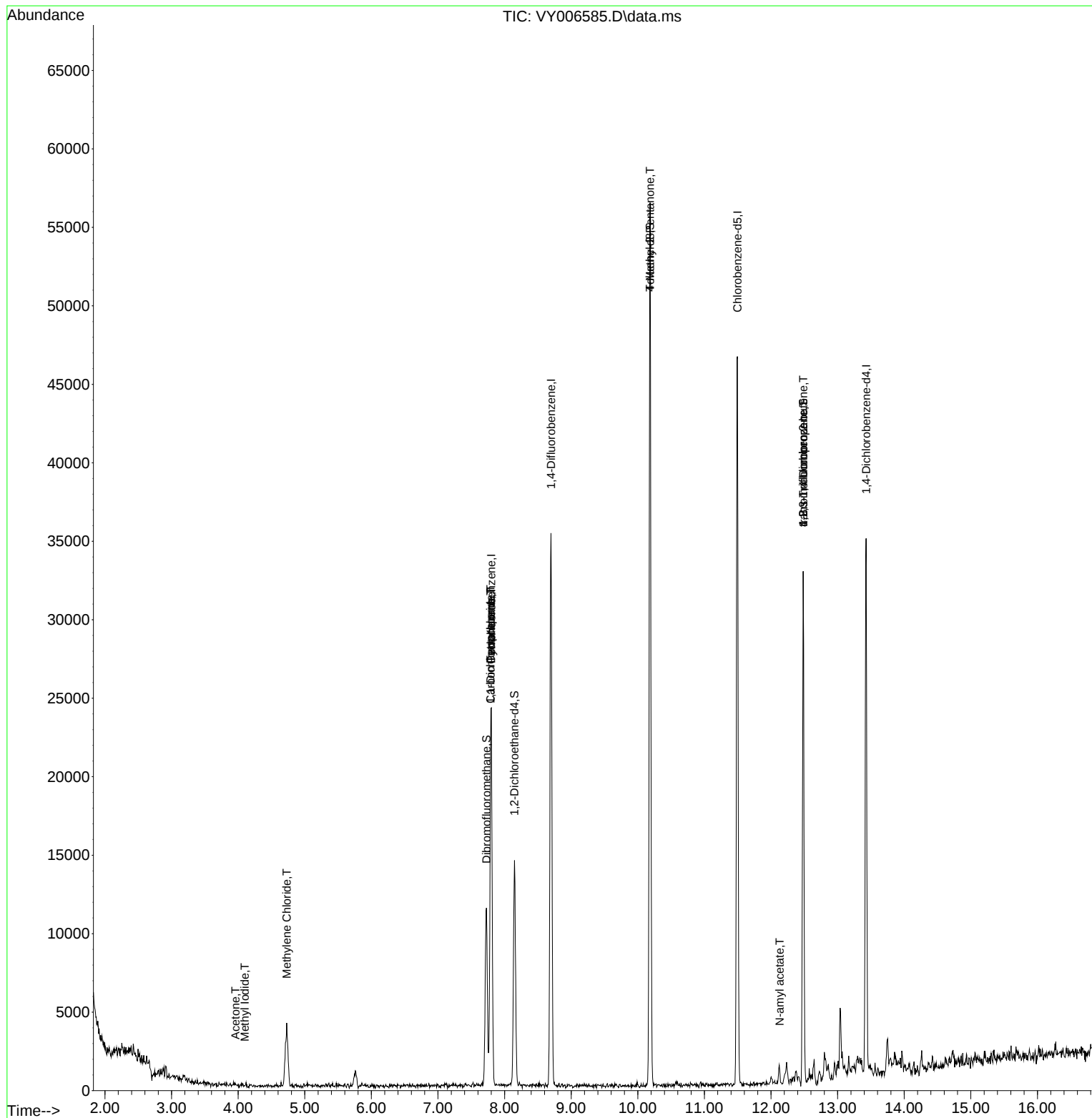
Target Compounds					Qvalue	
10) Methyl Iodide	4.101	142	145	5.790	ug/l #	71
16) Acetone	3.960	43	91	1.416	ug/l #	46
20) Methylene Chloride	4.729	84	2604	9.820	ug/l	96
31) Cyclohexane	7.795	56	509	1.409	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	1613	5.768	ug/l #	44
38) Carbon Tetrachloride	7.789	117	1889	6.123	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	212	1.178	ug/l #	1
74) N-amyl acetate	12.130	43	306	1.561	ug/l #	56
76) 1,2,3-Trichloropropane	12.483	75	5193	59.645	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5193	122.449	ug/l #	7

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

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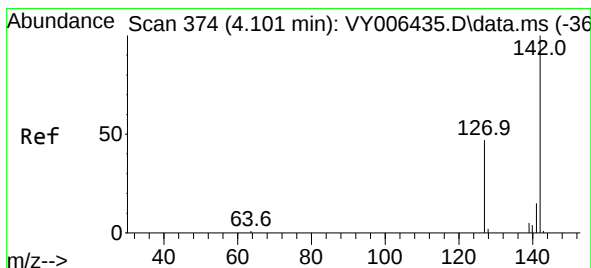
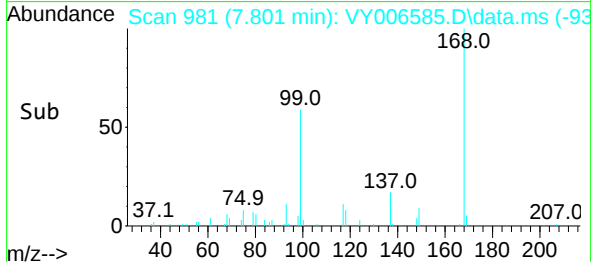
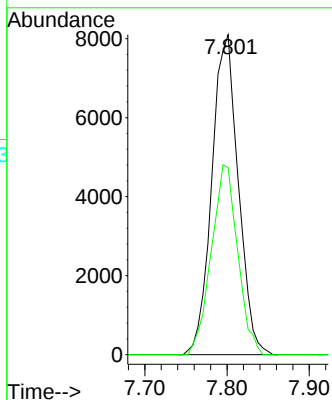
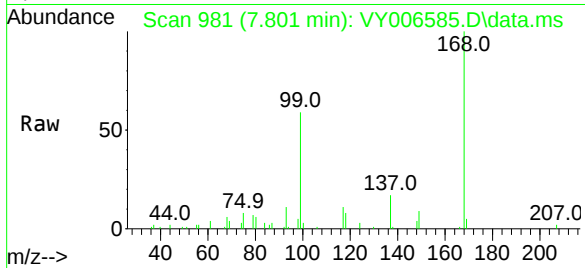




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

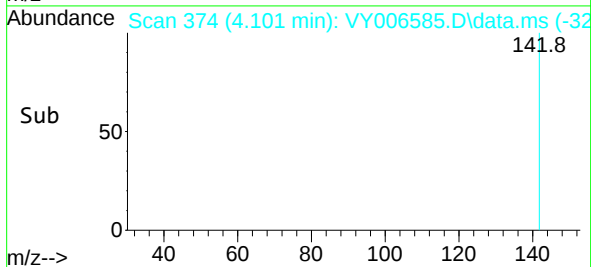
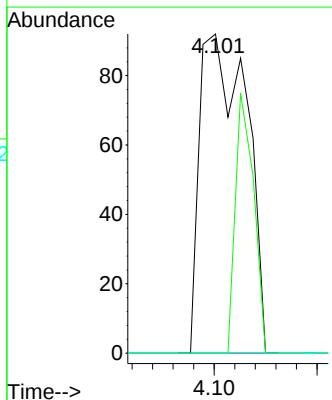
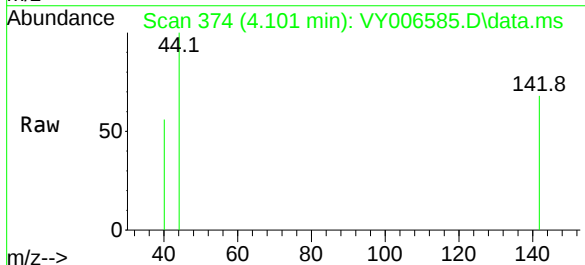
Instrument :
MSVOA_Y
ClientSampleId :
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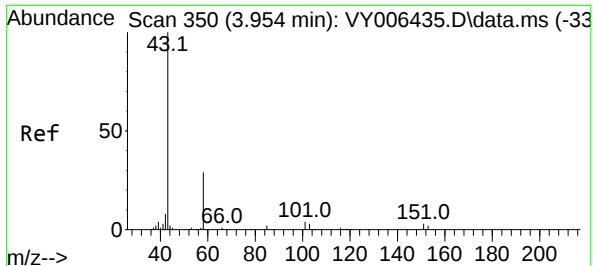
Tgt Ion:168 Resp: 18131
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.790 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 31.7 40.1 60.1#
141 0.0 12.5 18.7#

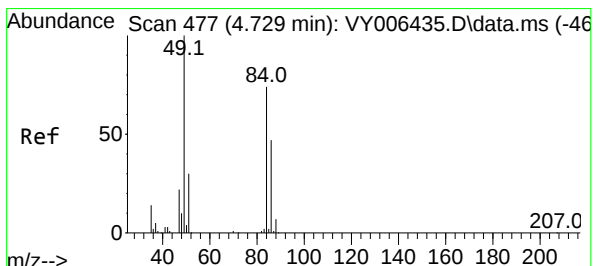
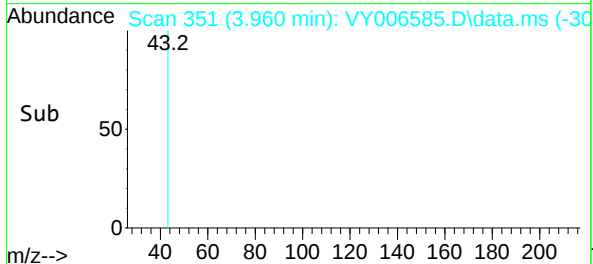
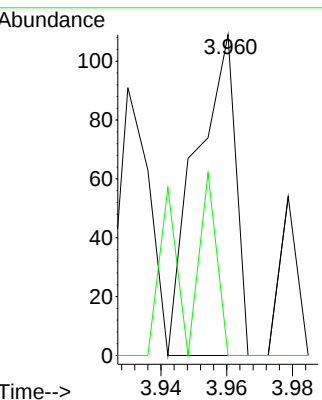
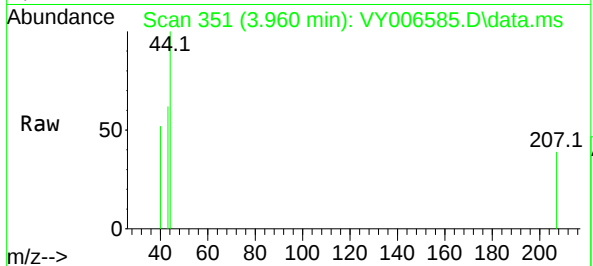




#16
Acetone
Concen: 1.416 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

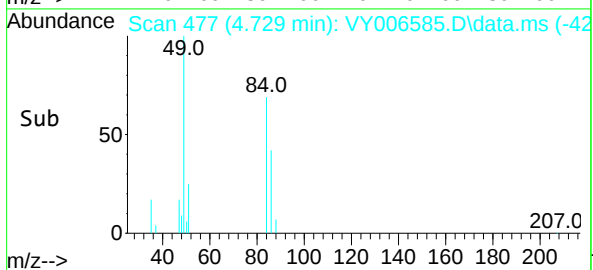
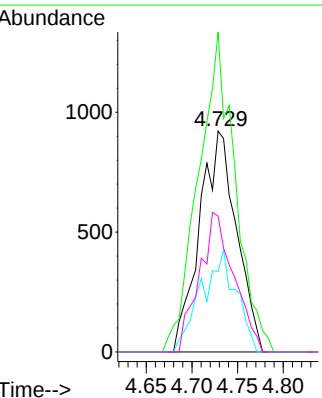
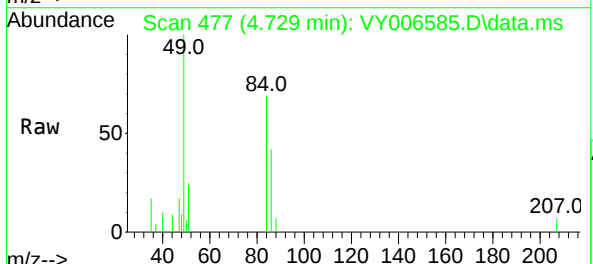
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

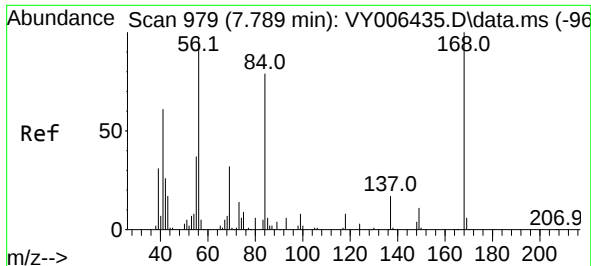
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 9.820 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 84 Resp: 2604
Ion Ratio Lower Upper
84 100
49 138.5 107.8 161.8
51 36.3 32.8 49.2
86 61.5 50.6 75.8

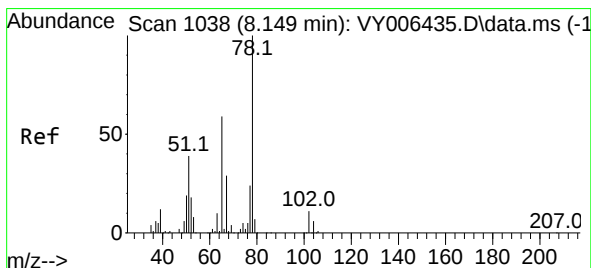
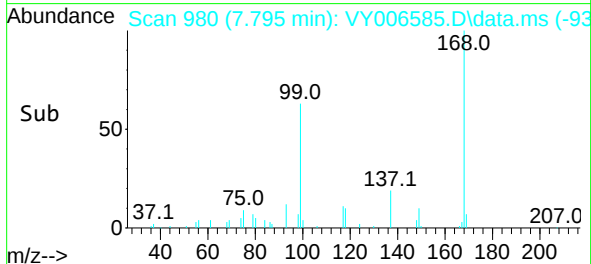
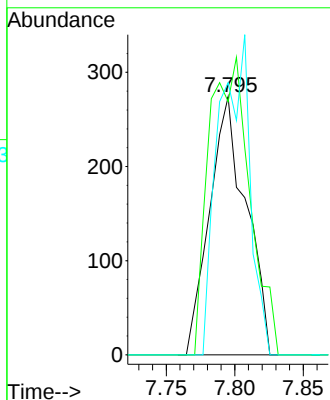
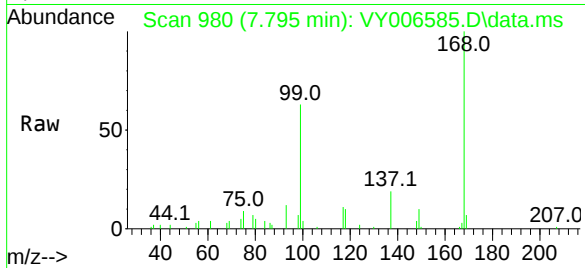




#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

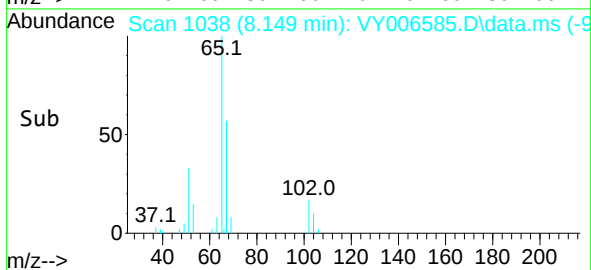
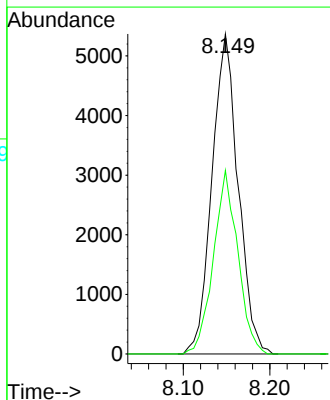
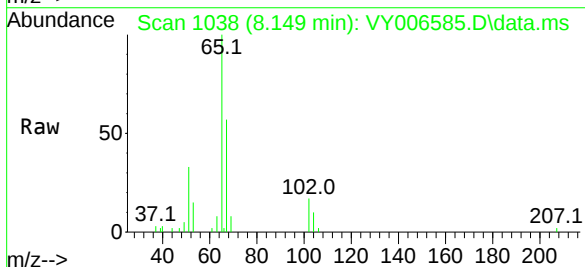
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

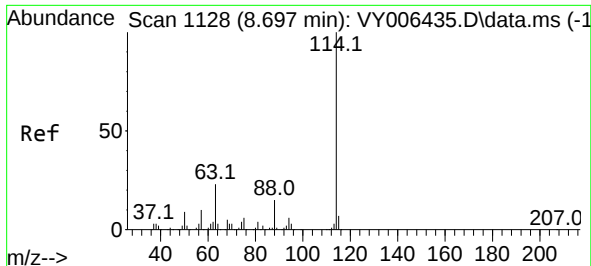
Tgt Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
69 98.2 26.6 40.0#
84 105.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 50.481 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 65 Resp: 11263
Ion Ratio Lower Upper
65 100
67 53.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124035

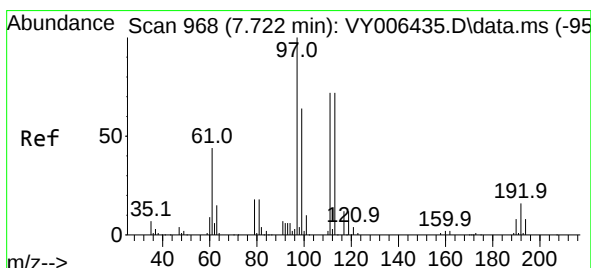
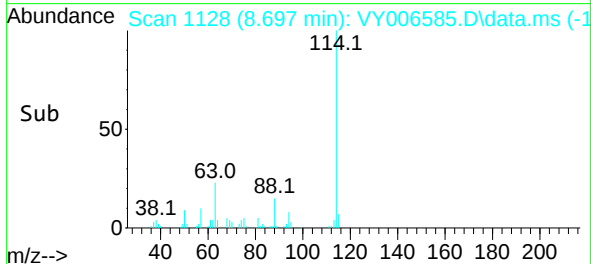
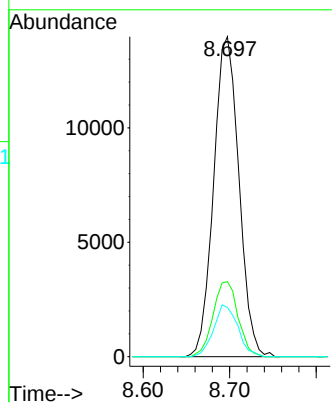
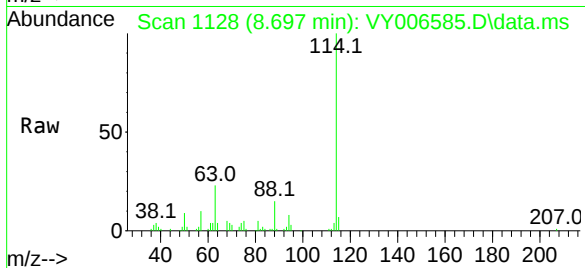
Tgt Ion:114 Resp: 28302

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.083 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

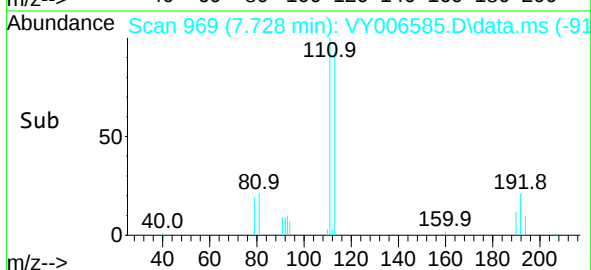
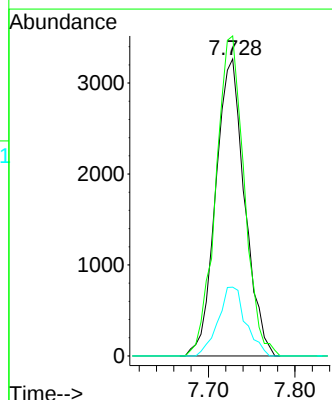
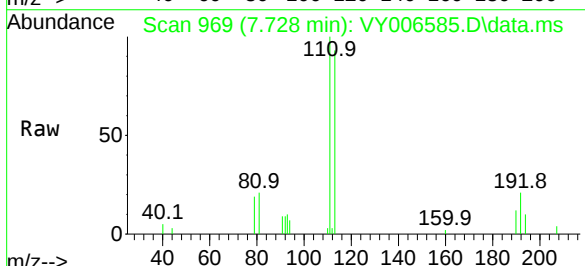
Tgt Ion:113 Resp: 7585

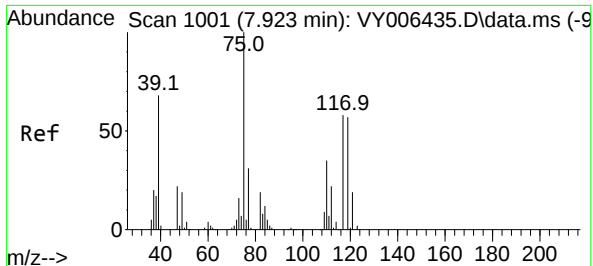
Ion Ratio Lower Upper

113 100

111 105.6 82.3 123.5

192 22.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.768 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

Instrument :

MSVOA_Y

ClientSampleId :

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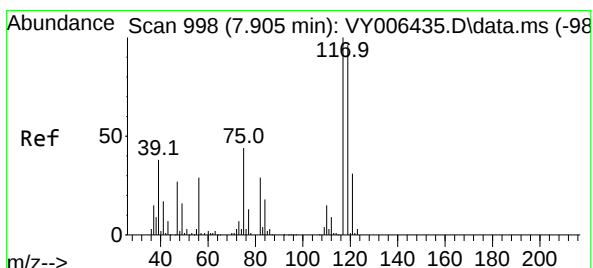
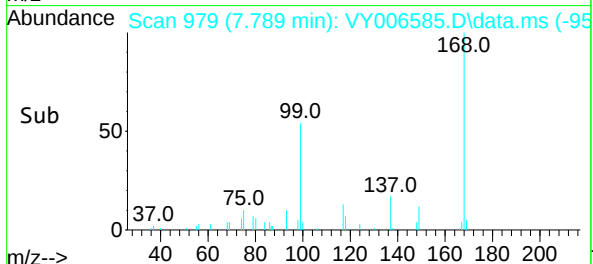
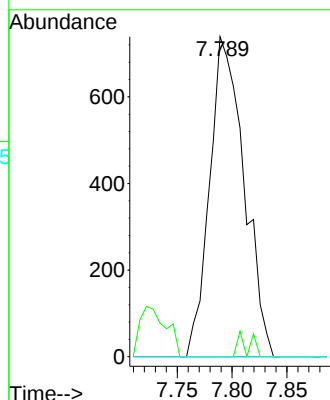
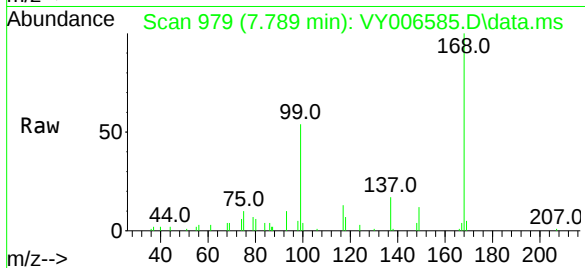
Tgt Ion: 75 Resp: 1613

Ion Ratio Lower Upper

75 100

110 2.5 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY006585.D

Acq: 02 Nov 2021 18:36

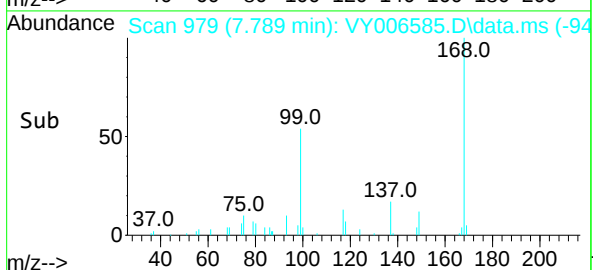
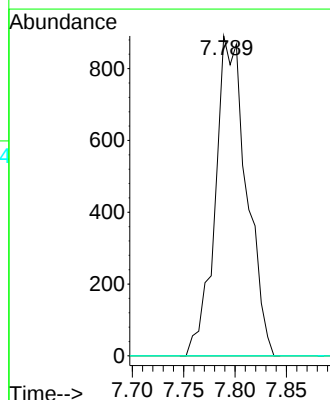
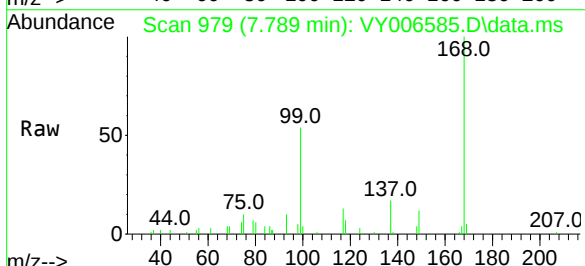
Tgt Ion: 117 Resp: 1889

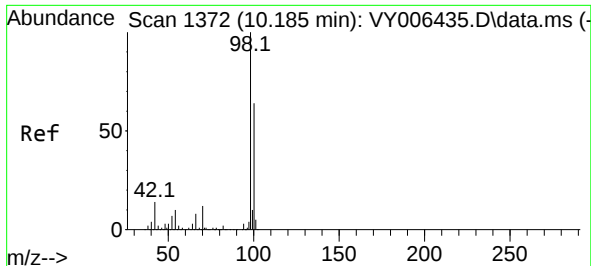
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

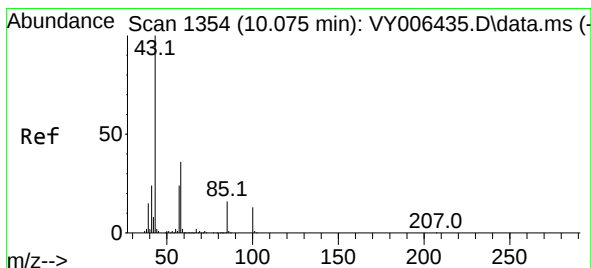
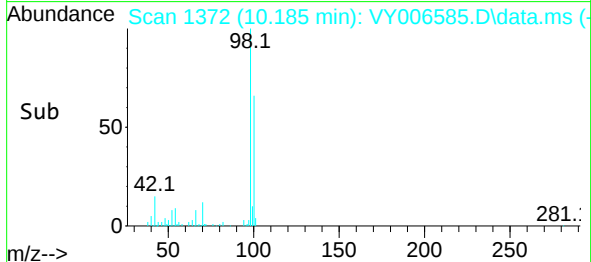
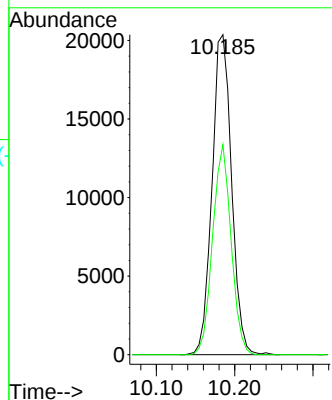
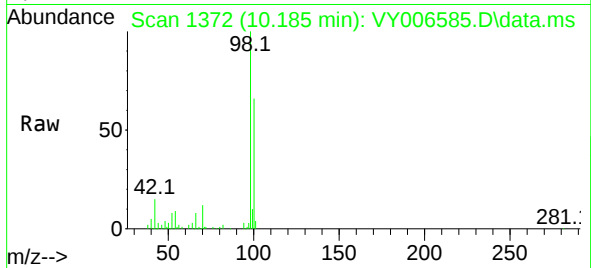




#50
Toluene-d8
Concen: 52.786 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

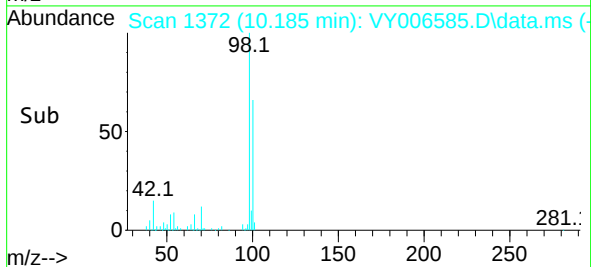
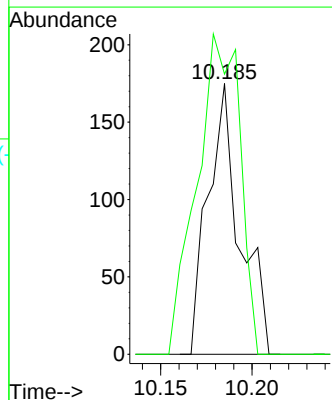
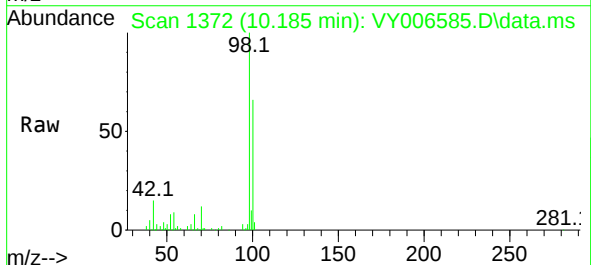
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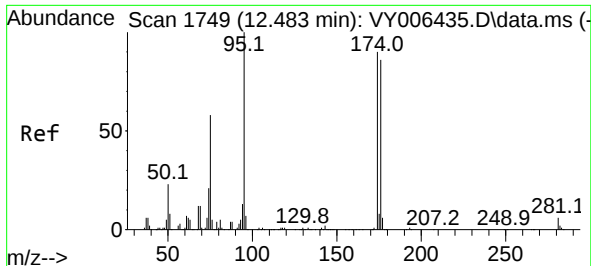
Tgt Ion: 98 Resp: 35299
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.178 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 159.9 28.7 43.1#

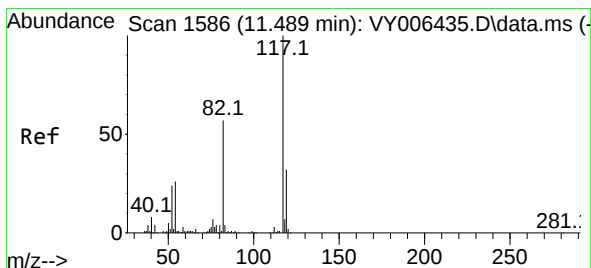
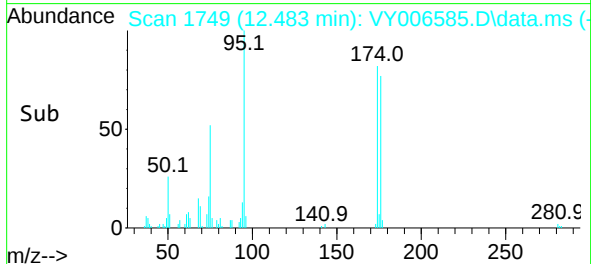
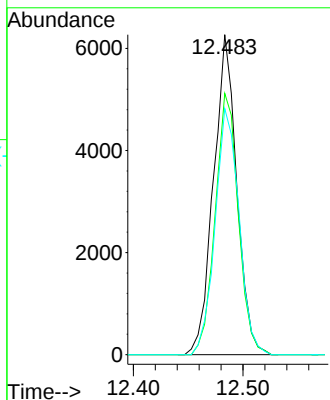
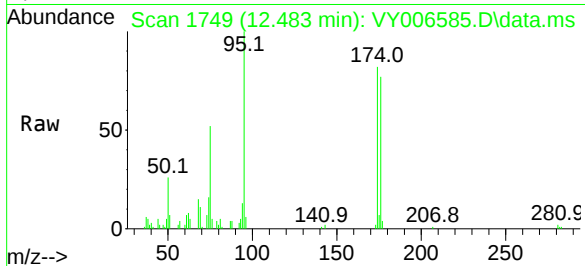




#62
4-Bromofluorobenzene
Concen: 41.081 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

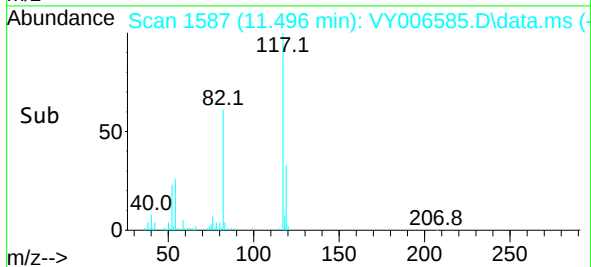
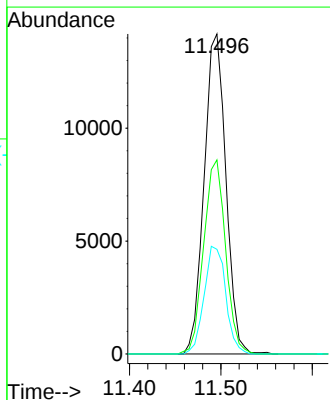
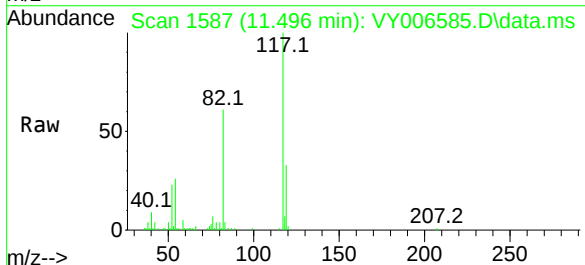
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

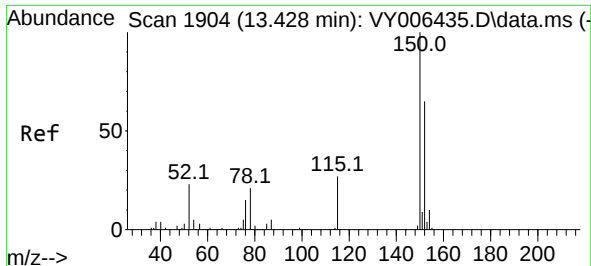
Tgt Ion: 95 Resp: 9254
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.9 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 117 Resp: 23427
Ion Ratio Lower Upper
117 100
82 60.6 45.7 68.5
119 32.7 25.5 38.3

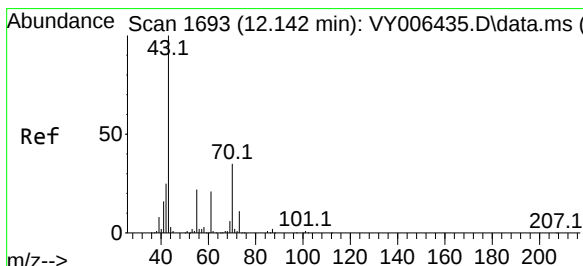
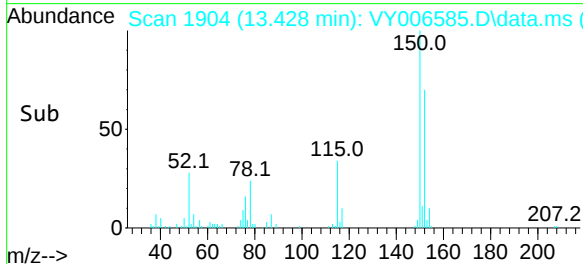
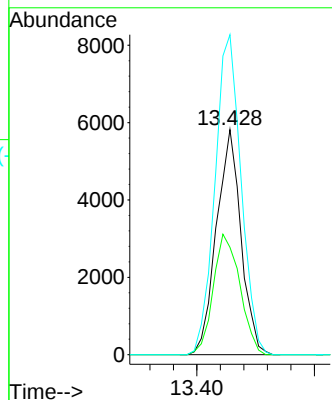
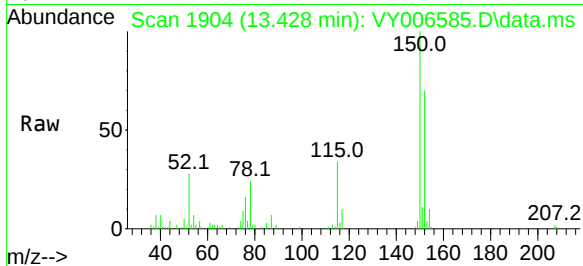




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

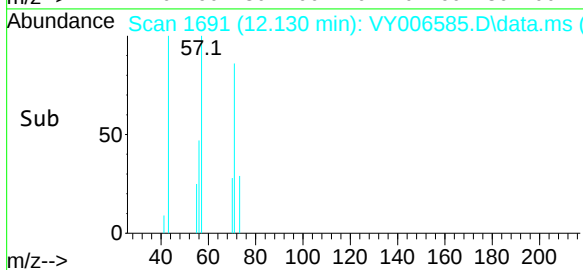
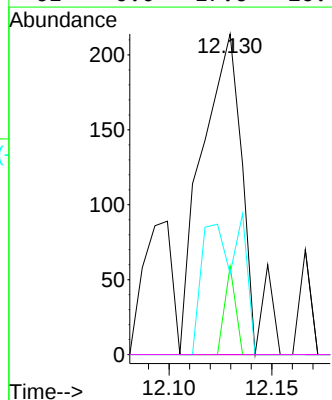
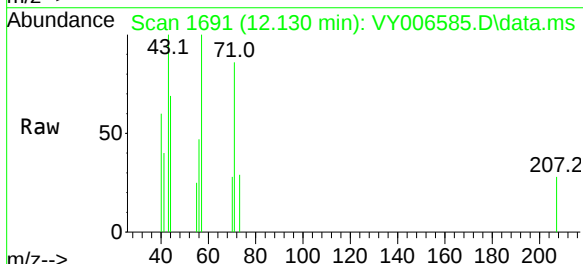
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

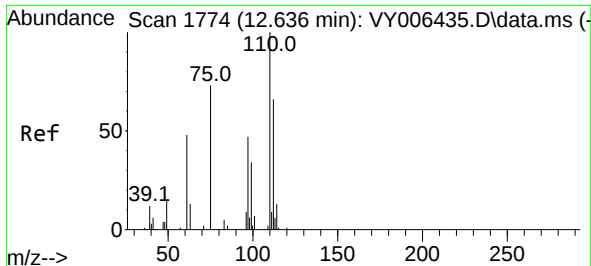
Tgt Ion:152 Resp: 8449
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 151.3 0.0 348.2



#74
N-ethyl acetate
Concen: 1.561 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.012 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
70 7.2 29.4 44.0#
55 38.2 18.1 27.1#
61 0.0 17.6 26.4#

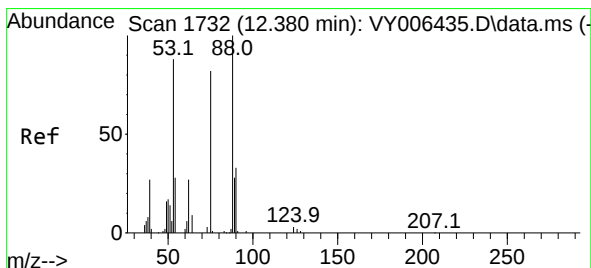
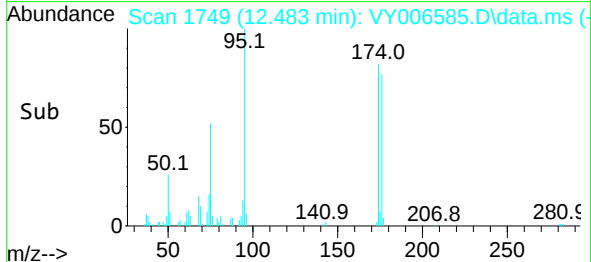
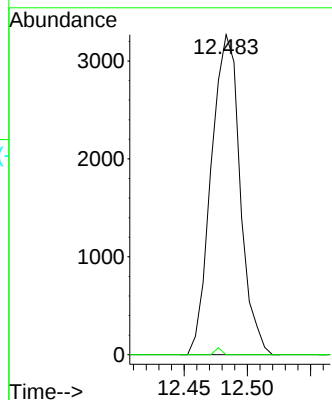
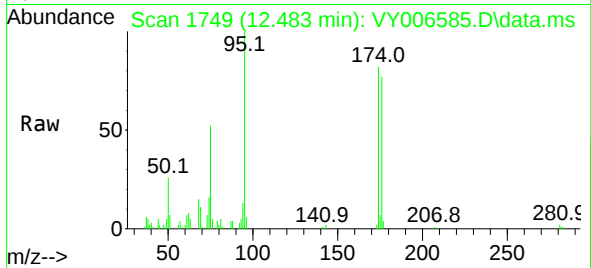




#76
1,2,3-Trichloropropane
Concen: 59.645 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035

Tgt Ion: 75 Resp: 5193
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006585.D
Acq: 02 Nov 2021 18:36

Tgt Ion: 75 Resp: 5193
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

