

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006785.D
 Acq On : 17 Nov 2021 13:56
 Operator : SY/MD
 Sample : M4713-01
 Misc : 6.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-COMP

Quant Time: Nov 18 03:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

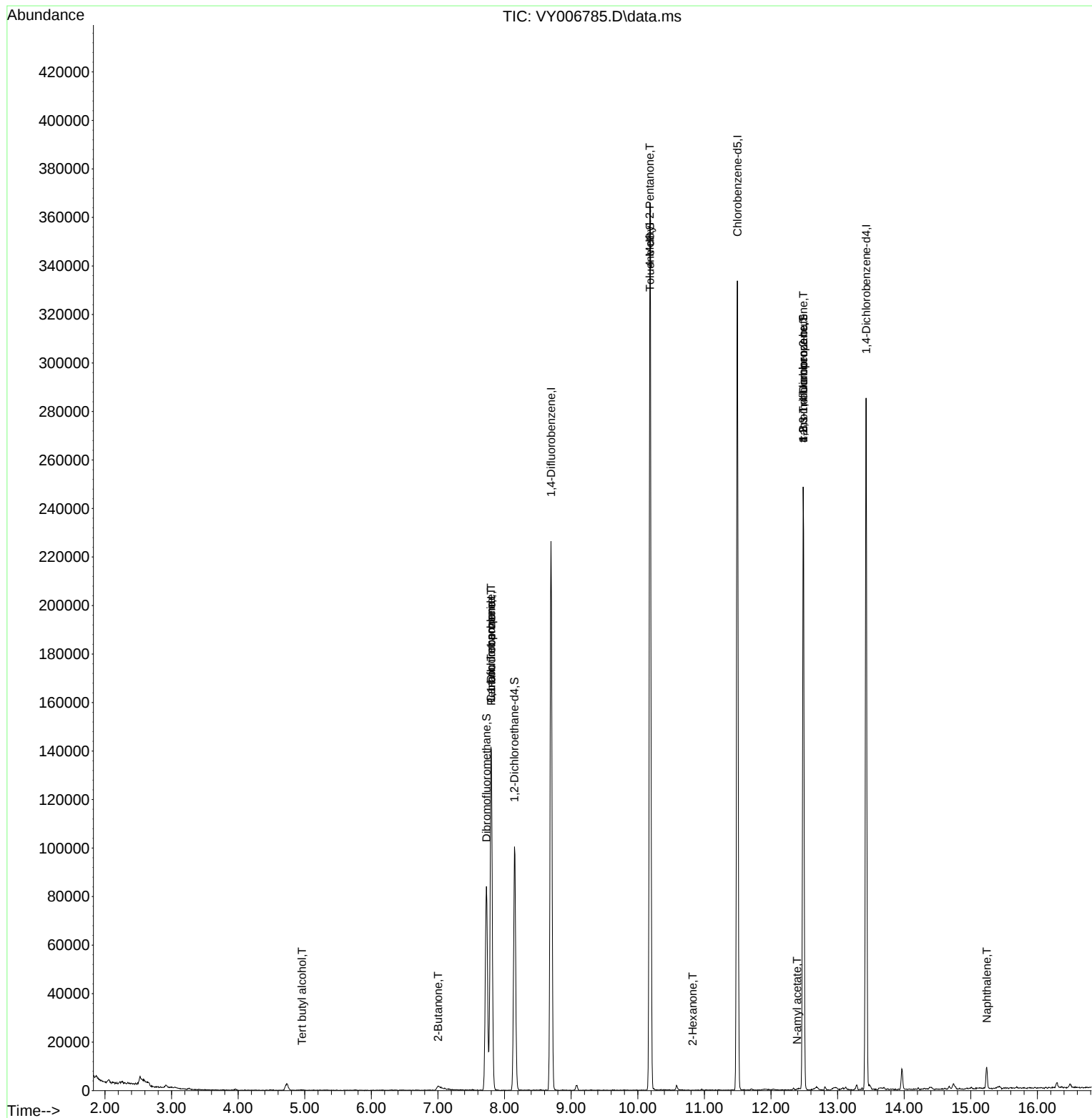
Internal Standards						
1) Pentafluorobenzene	7.801	168	113771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81175	54.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.880%	
35) Dibromofluoromethane	7.728	113	57215	53.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.185	98	225667	50.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.483	95	67722	44.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	269	1.200	ug/l #	72
20) Methylene Chloride	4.729	84	1917	Below Cal		95
25) 2-Butanone	7.003	43	173	11.751	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	8320	4.358	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10906	5.585	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1382	1.096	ug/l #	1
59) 2-Hexanone	10.825	43	43	23.858	ug/l #	28
74) N-amyl acetate	12.392	43	50	3.179	ug/l #	45
76) 1,2,3-Trichloropropane	12.483	75	40131	51.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40131	103.004	ug/l #	7
95) Naphthalene	15.239	128	6775	2.649	ug/l	99

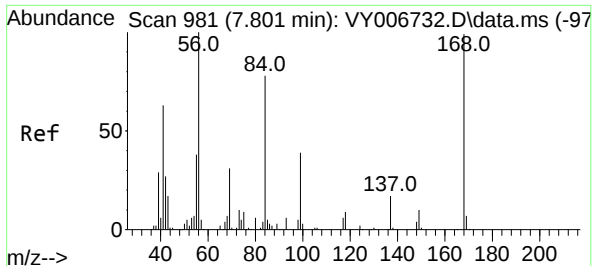
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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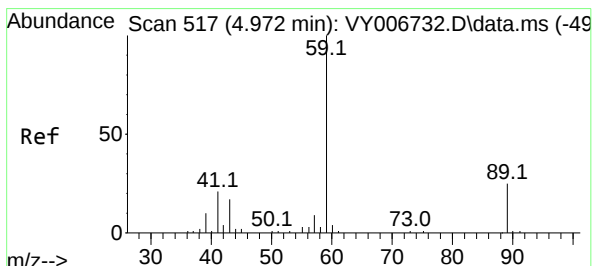
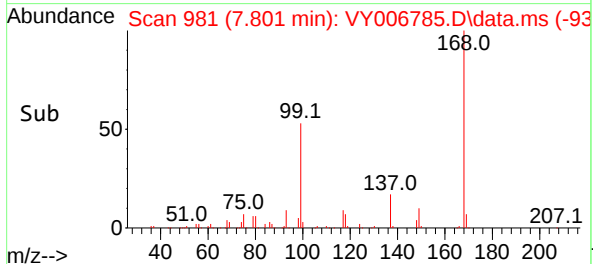
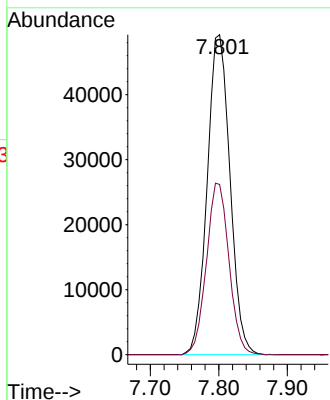
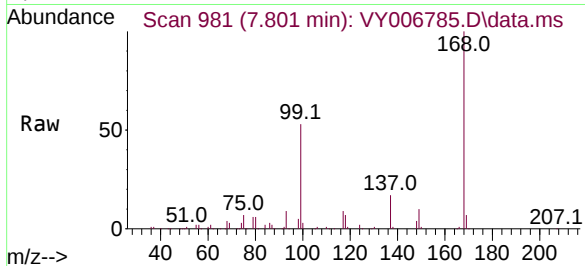




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

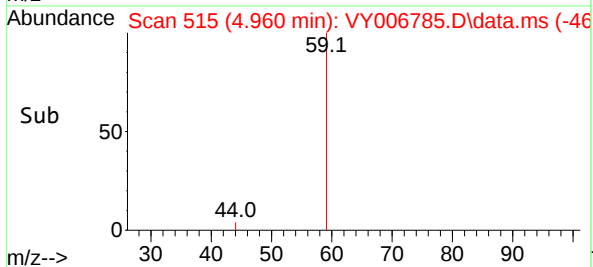
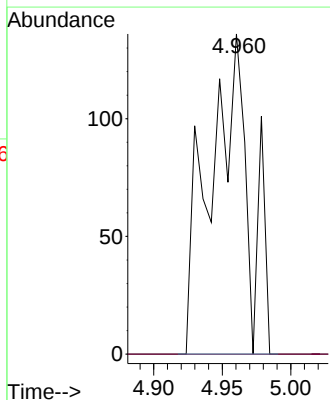
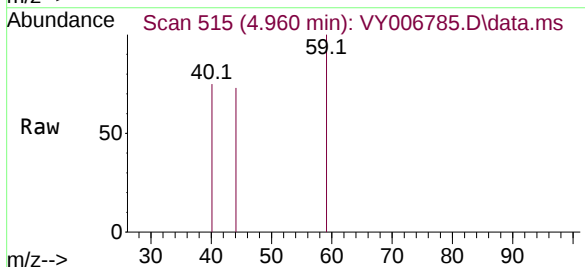
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-COMP

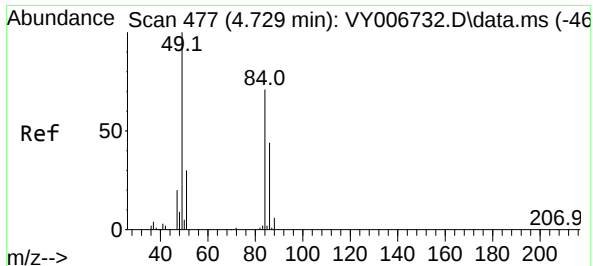
Tgt Ion:168 Resp: 113771
Ion Ratio Lower Upper
168 100
99 53.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.200 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY006785.D

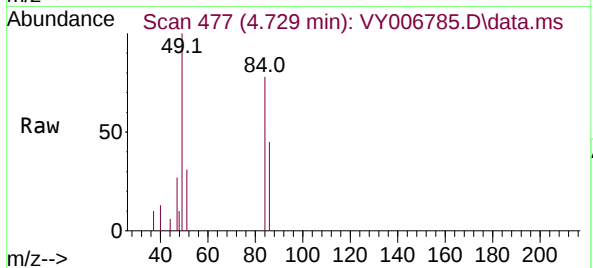
Acq: 17 Nov 2021 13:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-COMP



Tgt Ion: 84 Resp: 1917

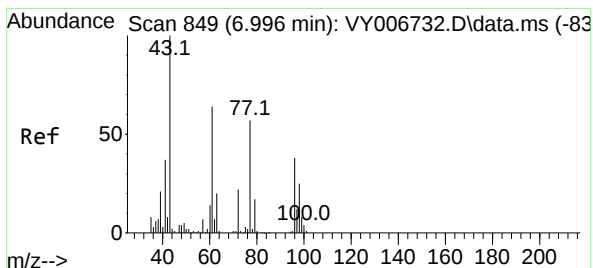
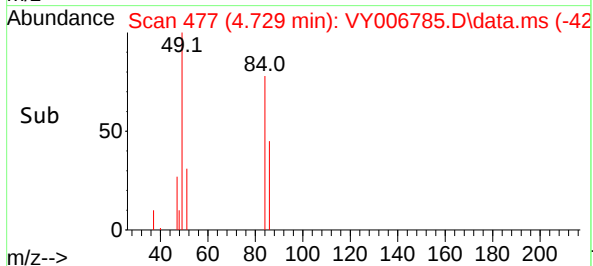
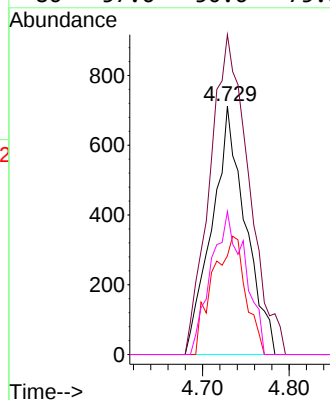
Ion Ratio Lower Upper

84 100

49 128.8 107.8 161.8

51 39.7 32.8 49.2

86 57.6 50.6 75.8



#25

2-Butanone

Concen: 11.751 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY006785.D

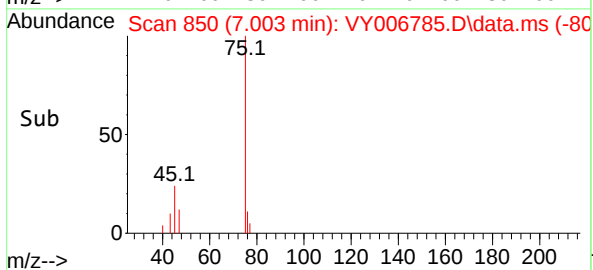
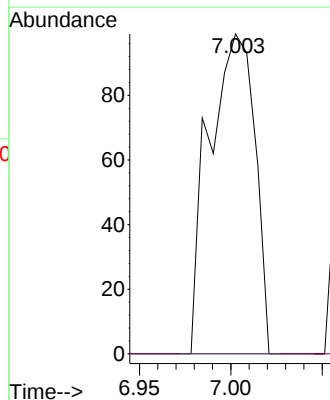
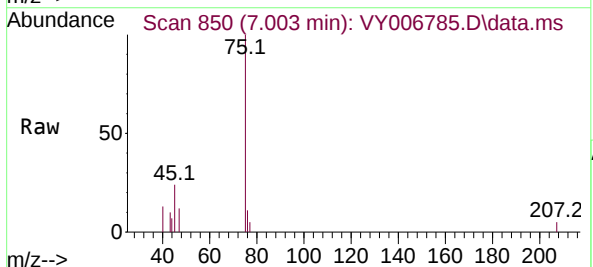
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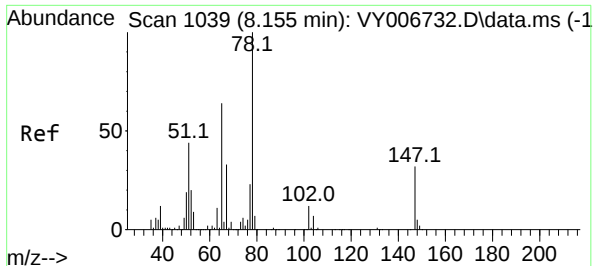
Tgt Ion: 43 Resp: 173

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 54.439 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006785.D

Acq: 17 Nov 2021 13:56

Instrument :

MSVOA_Y

ClientSampleId :

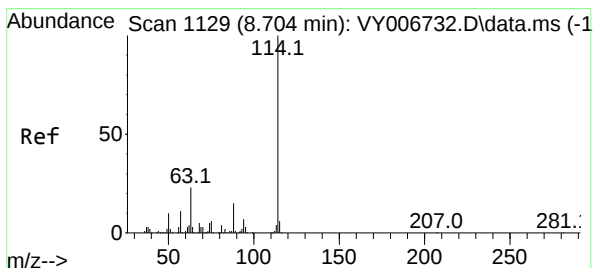
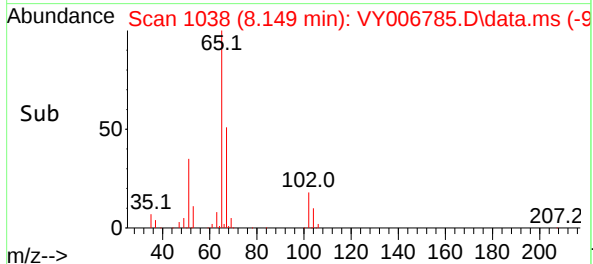
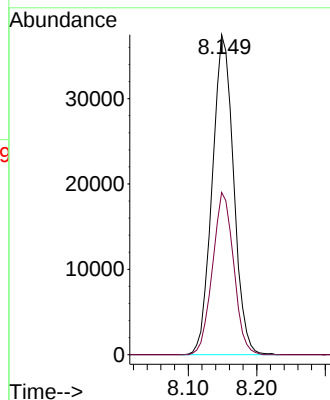
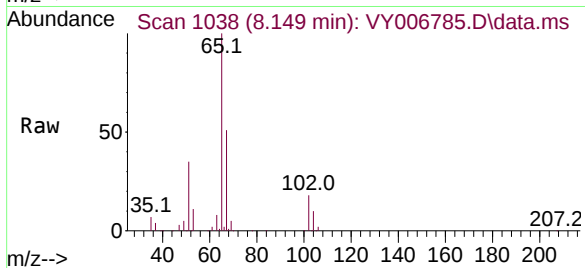
TP-2-COMP

Tgt Ion: 65 Resp: 81175

Ion Ratio Lower Upper

65 100

67 50.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006785.D

Acq: 17 Nov 2021 13:56

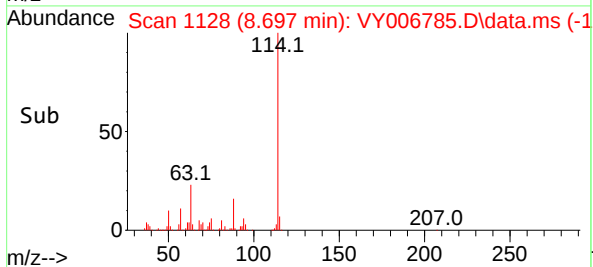
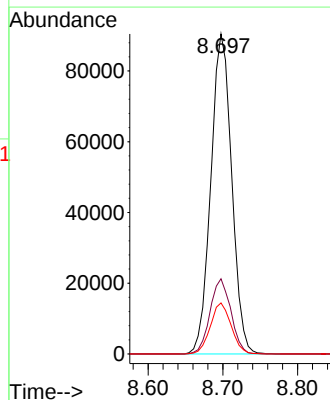
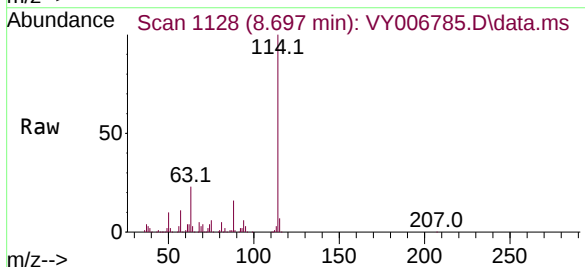
Tgt Ion: 114 Resp: 175638

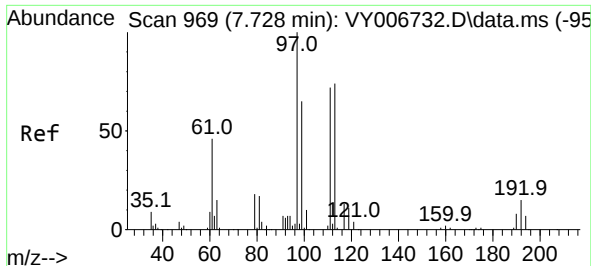
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.0 0.0 30.6

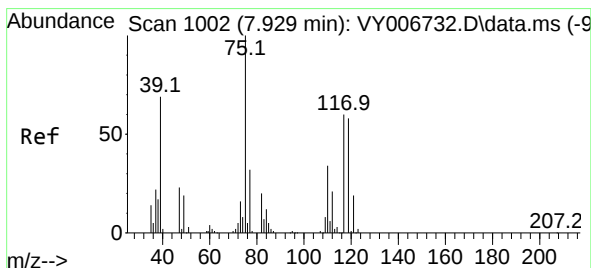
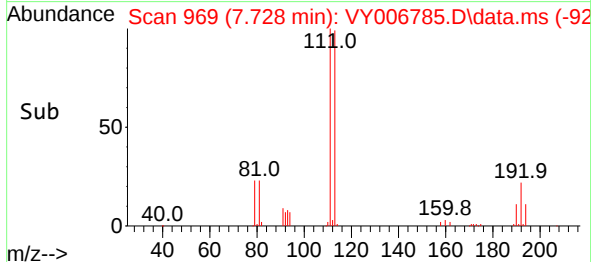
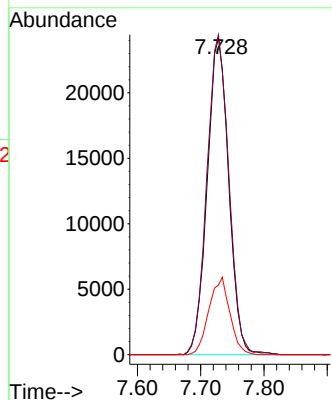
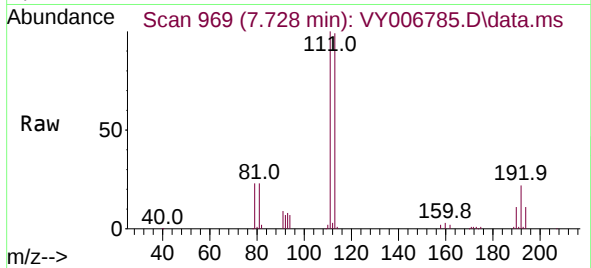




#35
Dibromofluoromethane
Concen: 53.034 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

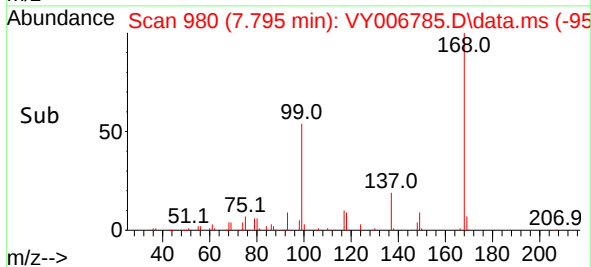
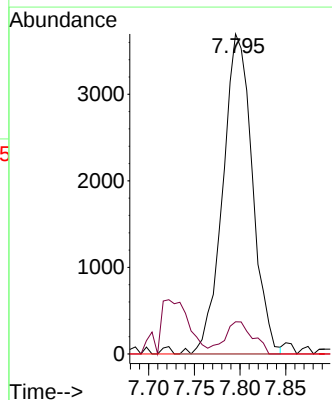
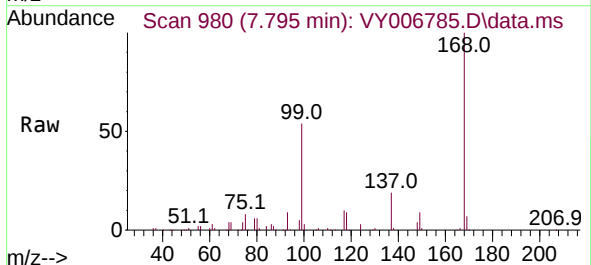
Instrument :
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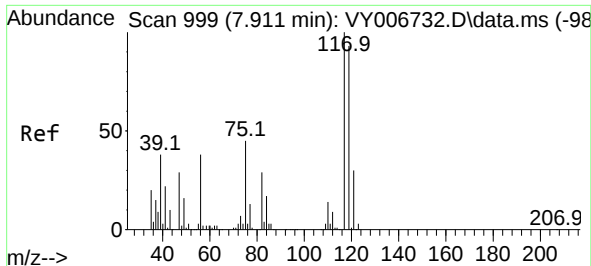
Tgt Ion:113 Resp: 57215
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 23.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 75 Resp: 8320
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.3#
77 0.0 24.9 37.3#

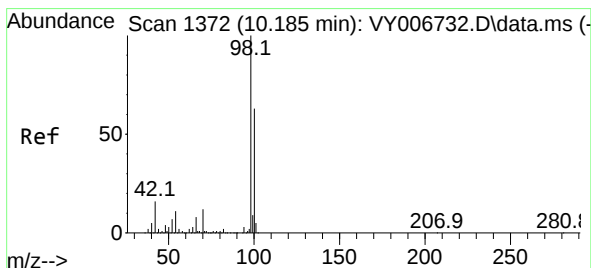
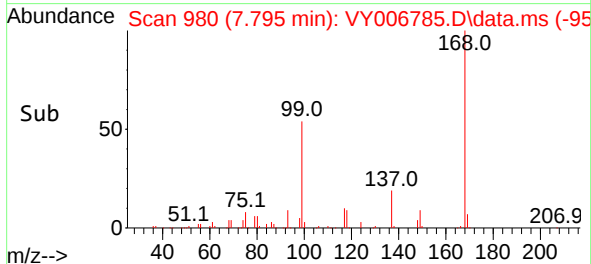
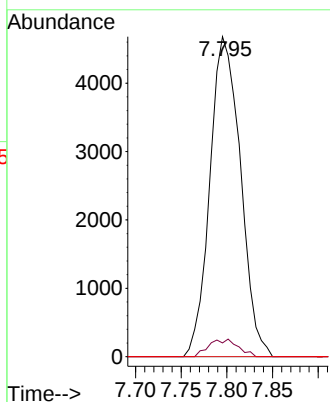
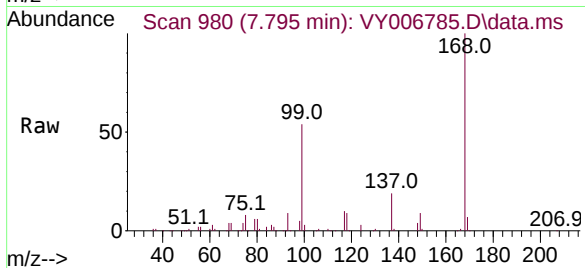




#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

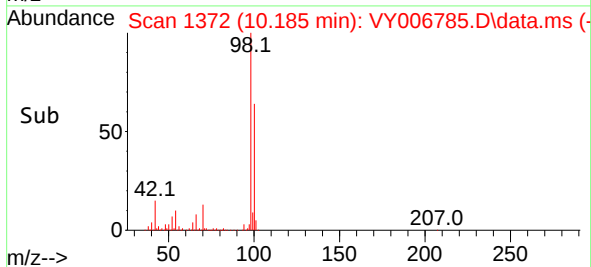
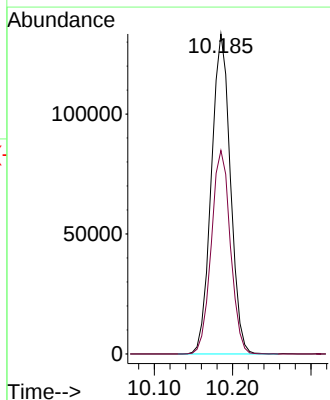
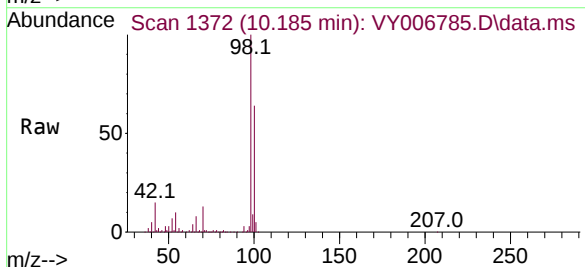
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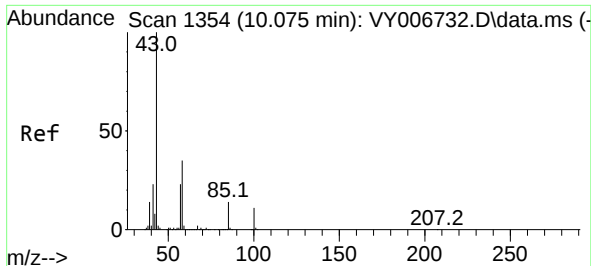
Tgt Ion:117 Resp: 10906
Ion Ratio Lower Upper
117 100
119 4.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.548 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 98 Resp: 225667
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

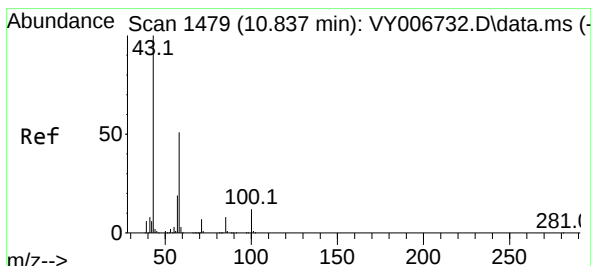
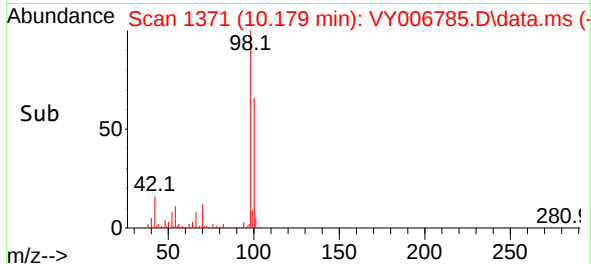
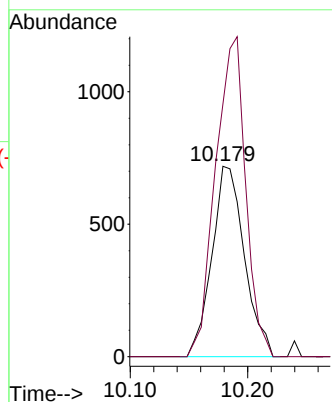
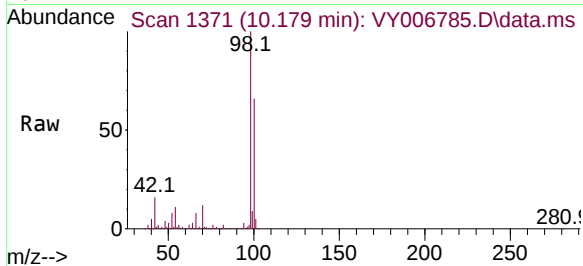




#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

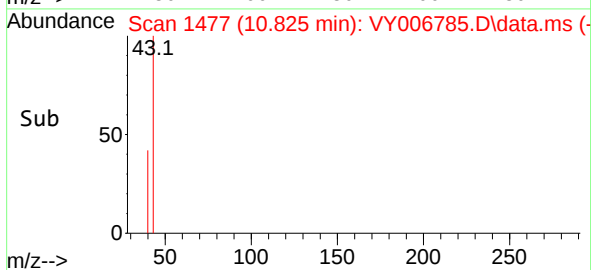
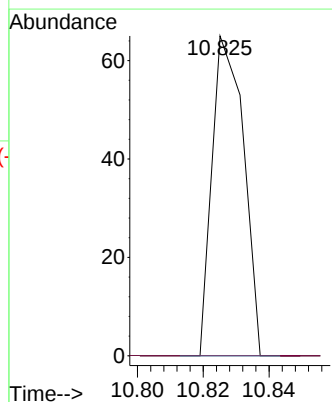
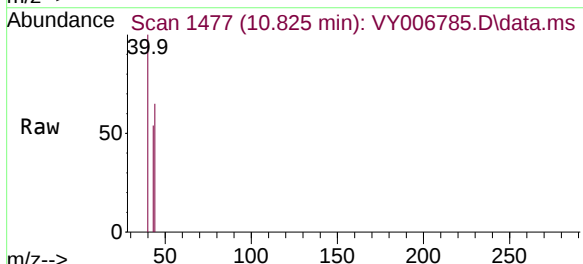
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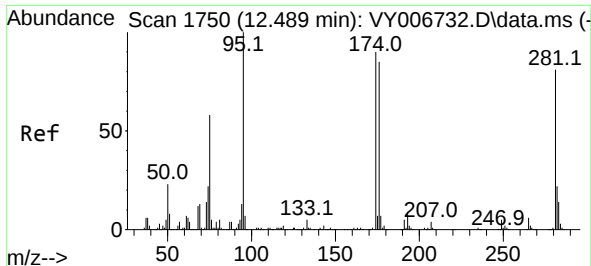
Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
58 156.2 28.7 43.1#



#59
2-Hexanone
Concen: 23.858 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.012 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

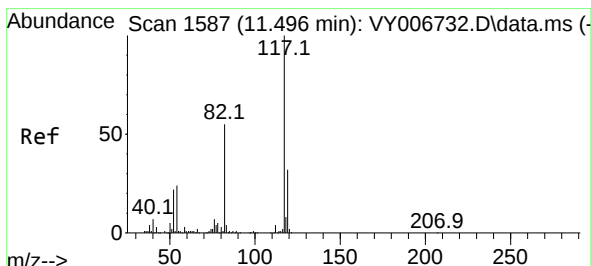
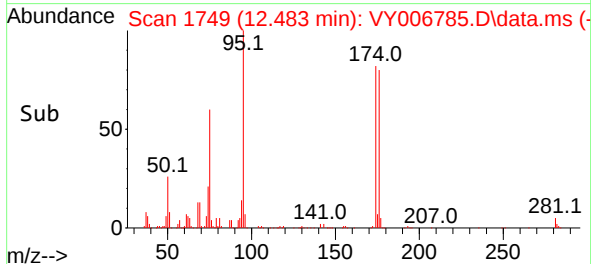
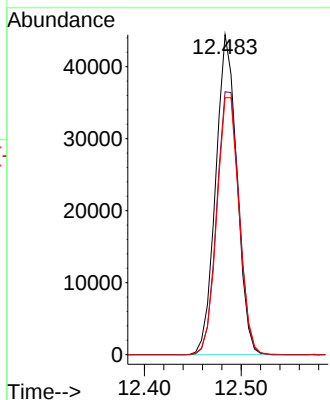
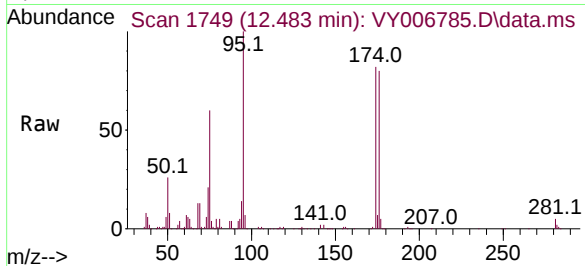




#62
4-Bromofluorobenzene
Concen: 44.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

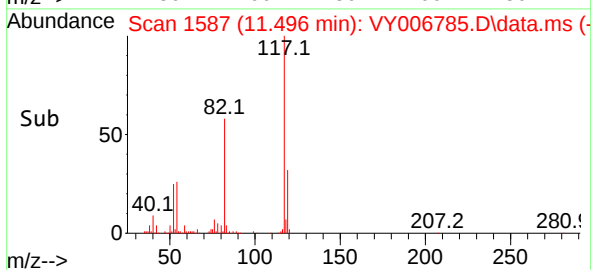
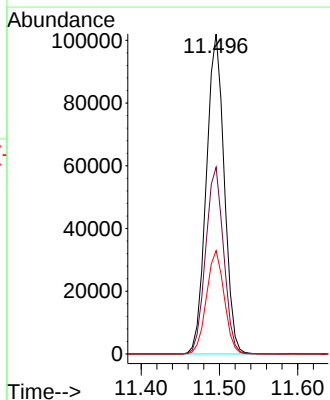
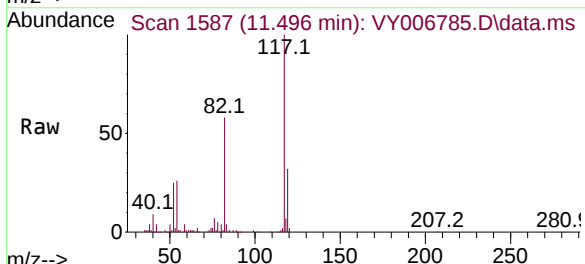
Instrument :
MSVOA_Y
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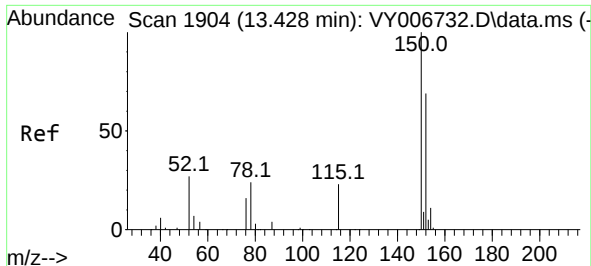
Tgt Ion: 95 Resp: 67722
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 117 Resp: 161503
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.3 25.5 38.3

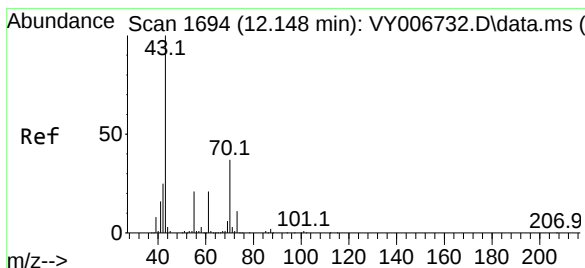
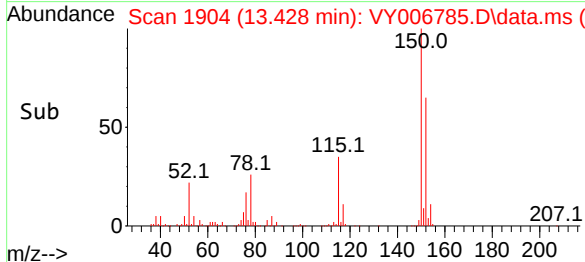
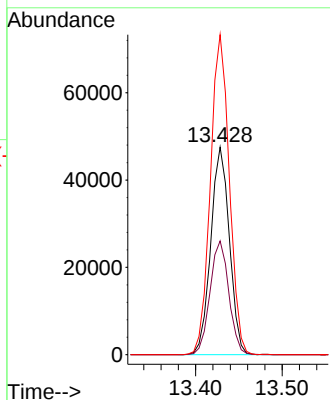
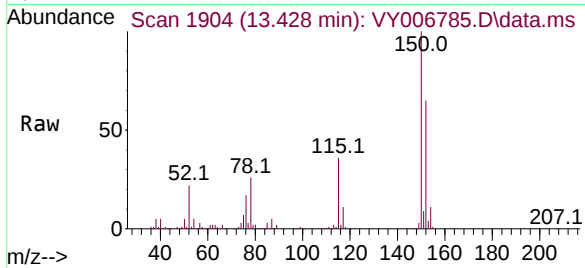




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006785.D
 Acq: 17 Nov 2021 13:56

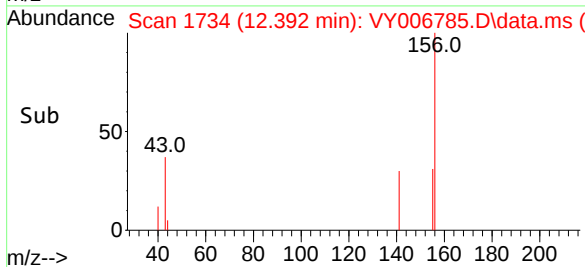
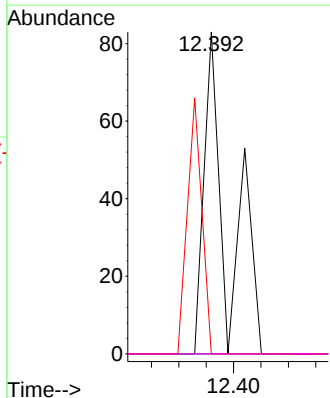
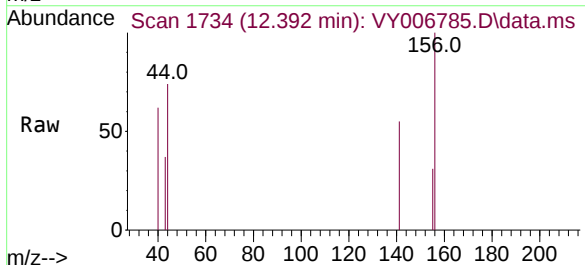
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-COMP

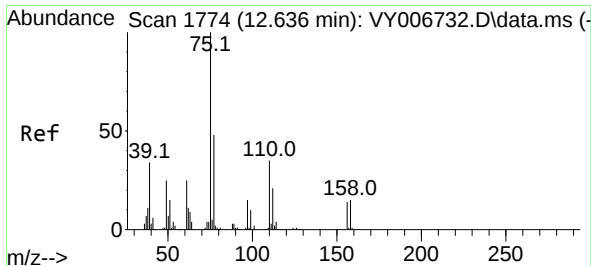
Tgt Ion:152 Resp: 71006
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.5 85.5
 150 156.5 0.0 348.2



#74
 N-ethyl acetate
 Concen: 3.179 ug/l
 RT: 12.392 min Scan# 1734
 Delta R.T. 0.244 min
 Lab File: VY006785.D
 Acq: 17 Nov 2021 13:56

Tgt Ion: 43 Resp: 50
 Ion Ratio Lower Upper
 43 100
 70 0.0 29.4 44.0#
 55 48.0 18.1 27.1#
 61 0.0 17.6 26.4#

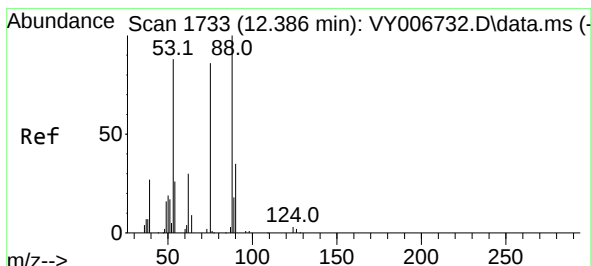
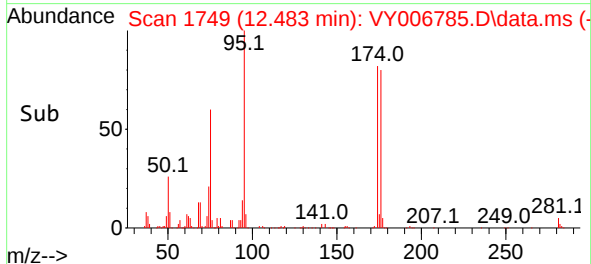
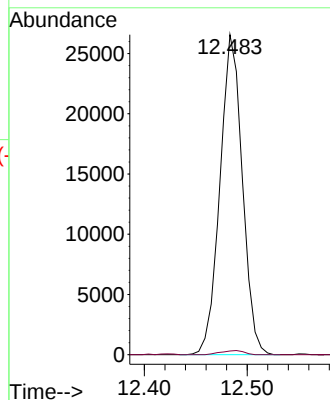
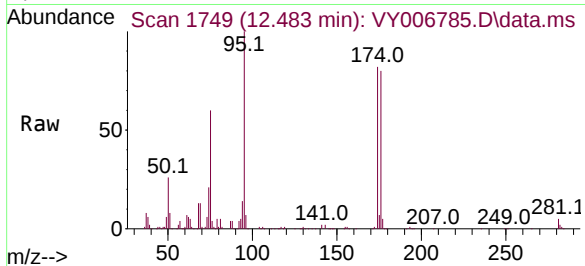




#76
1,2,3-Trichloropropane
Concen: 51.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

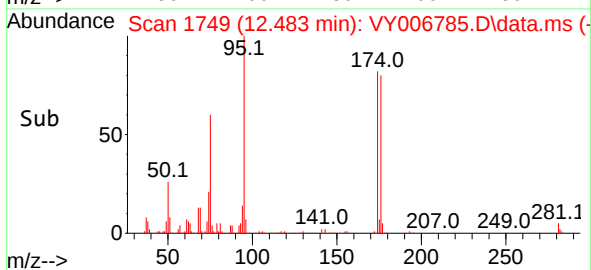
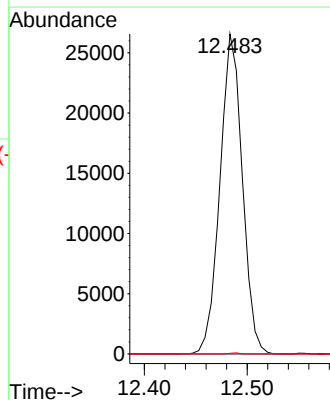
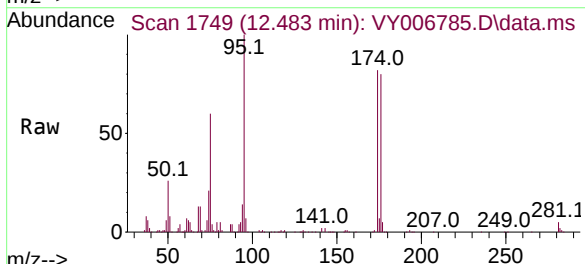
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-COMP

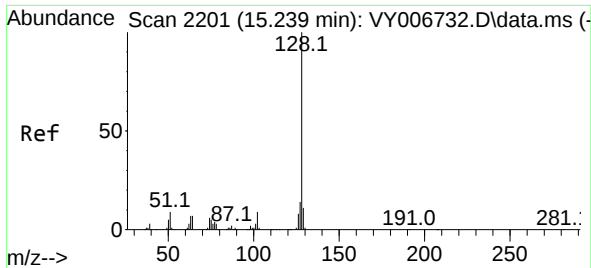
Tgt Ion: 75 Resp: 40131
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.004 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006785.D
Acq: 17 Nov 2021 13:56

Tgt Ion: 75 Resp: 40131
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#





#95

Naphthalene

Concen: 2.649 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY006785.D

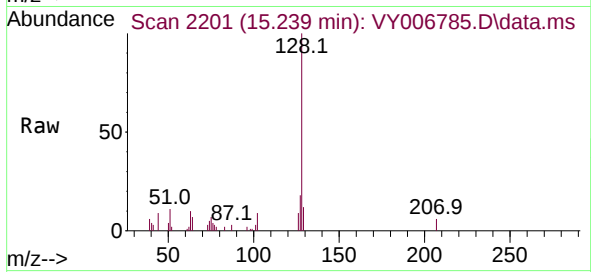
Acq: 17 Nov 2021 13:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-COMP



Tgt Ion:128 Resp: 6775

Ion Ratio Lower Upper

128 100

127 14.6 11.0 16.4

129 10.9 8.9 13.3

