

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006841.D
 Acq On : 19 Nov 2021 19:52
 Operator : SY/MD
 Sample : M4758-07
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4

Quant Time: Nov 22 03:21:20 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)

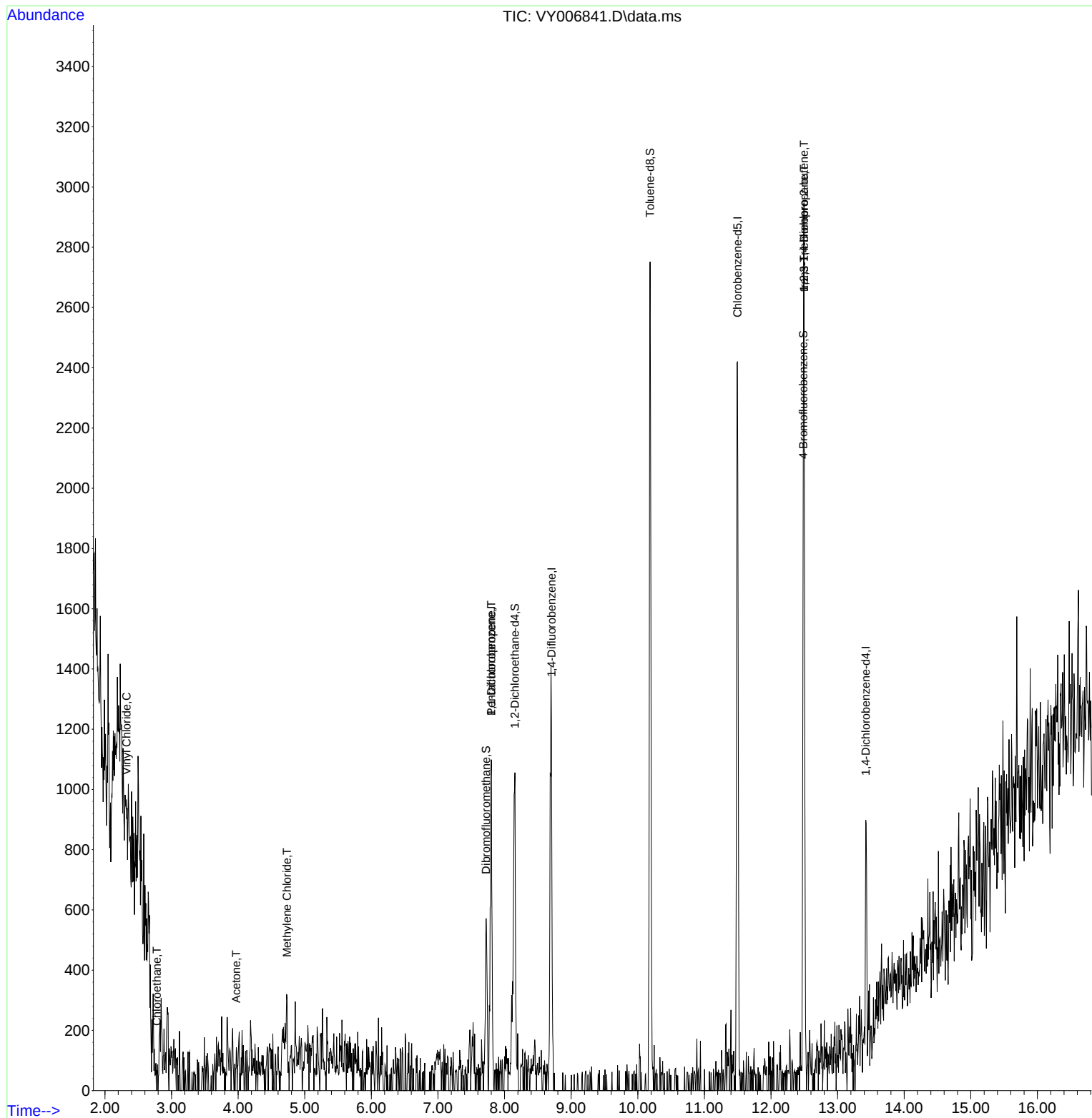
Internal Standards						
1) Pentafluorobenzene	7.801	168	1090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.704	114	1792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	896	62.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.440%	
35) Dibromofluoromethane	7.722	113	410	37.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.500%	
50) Toluene-d8	10.185	98	2085	45.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.540%	
62) 4-Bromofluorobenzene	12.483	95	470	30.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.220%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.327	62	27	1.689	ug/l	# 44
6) Chloroethane	2.778	64	45	4.601	ug/l	# 45
16) Acetone	3.973	43	40	9.216	ug/l	# 46
20) Methylene Chloride	4.735	84	57	1.045	ug/l	# 41
36) 1,1-Dichloropropene	7.801	75	60	3.080	ug/l	# 42
76) 1,2,3-Trichloropropane	12.496	75	237	88.254	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.496	75	237	174.872	ug/l	# 7

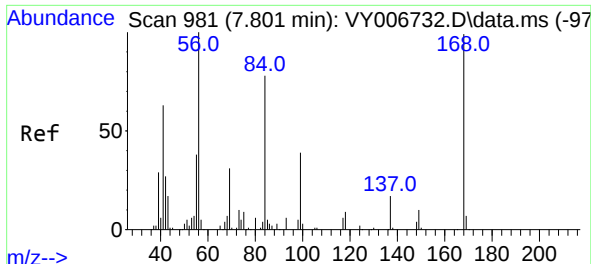
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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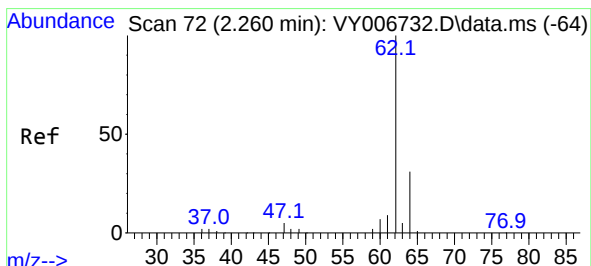
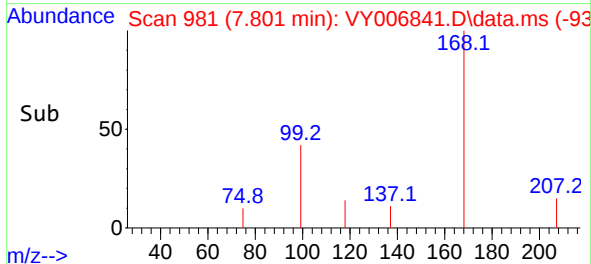
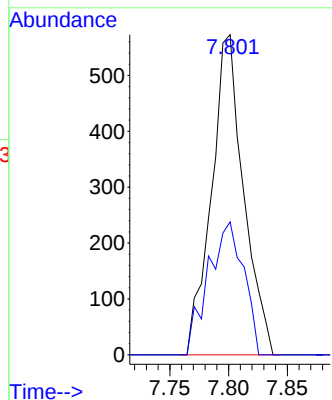
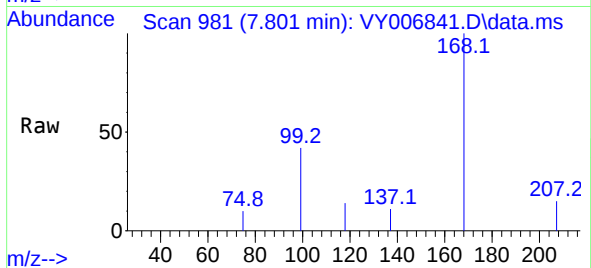




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

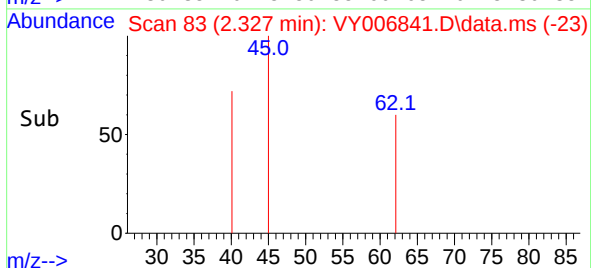
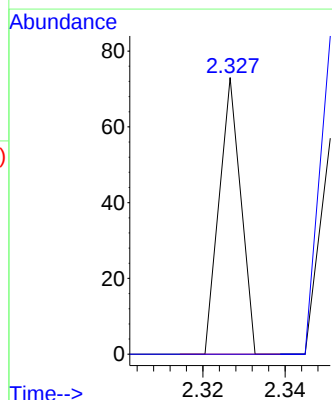
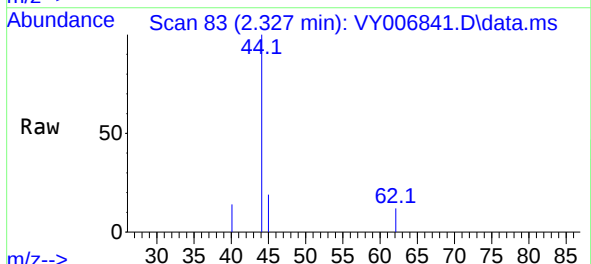
Instrument :
MSVOA_Y
ClientSampleId :
TP4

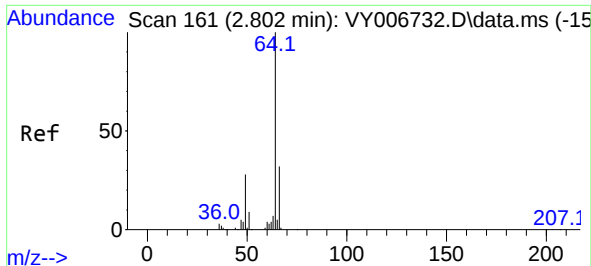
Tgt Ion:168 Resp: 1090
Ion Ratio Lower Upper
168 100
99 41.5 44.8 67.2#



#4
Vinyl Chloride
Concen: 1.689 ug/l
RT: 2.327 min Scan# 83
Delta R.T. 0.067 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

Tgt Ion: 62 Resp: 27
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

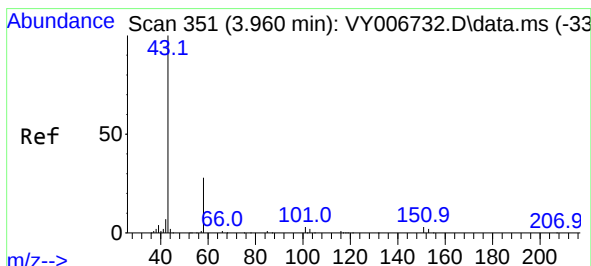
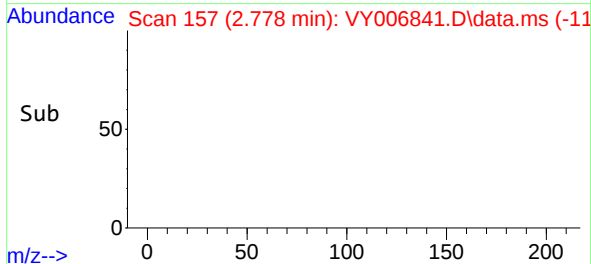
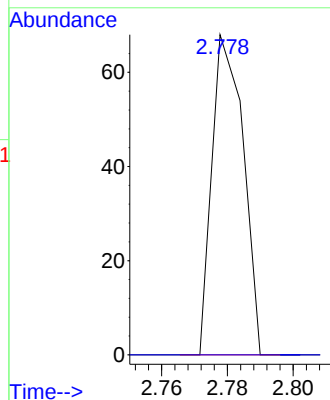
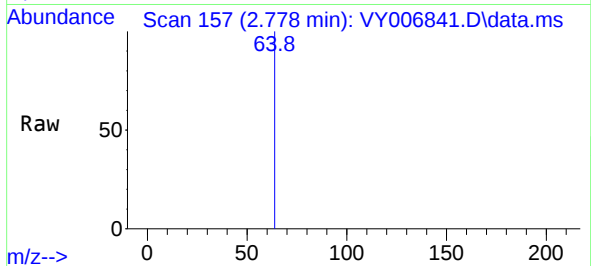




#6
Chloroethane
Concen: 4.601 ug/l
RT: 2.778 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

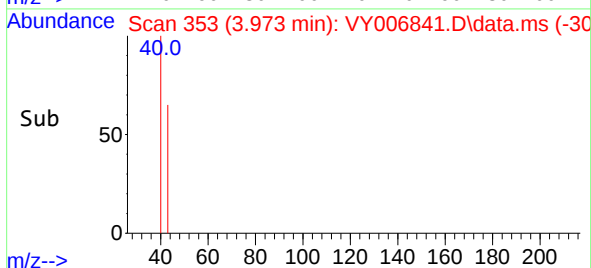
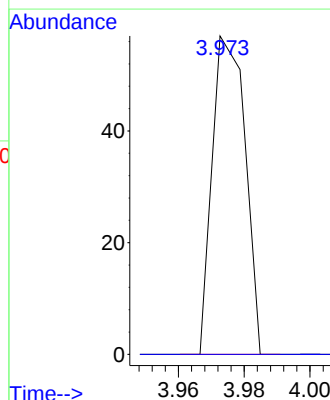
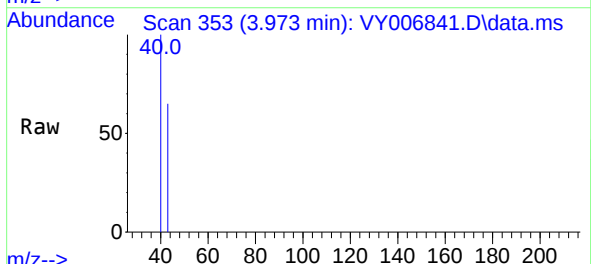
Instrument :
MSVOA_Y
ClientSampleId :
TP4

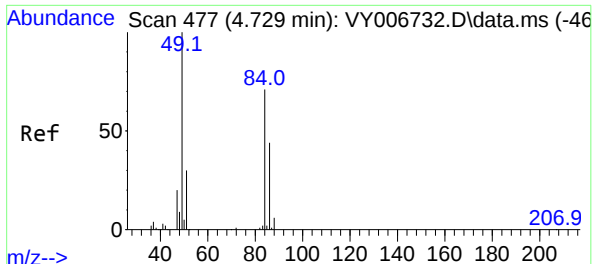
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#16
Acetone
Concen: 9.216 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#





#20

Methylene Chloride

Concen: 1.045 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY006841.D

Acq: 19 Nov 2021 19:52

Instrument :

MSVOA_Y

ClientSampleId :

TP4

Tgt Ion: 84 Resp: 57

Ion Ratio Lower Upper

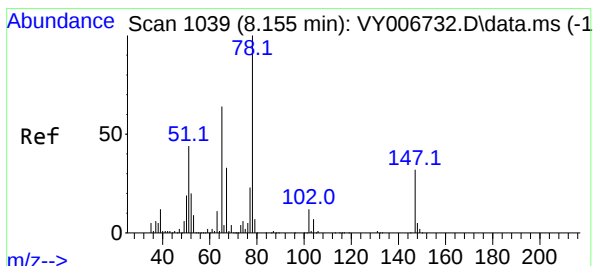
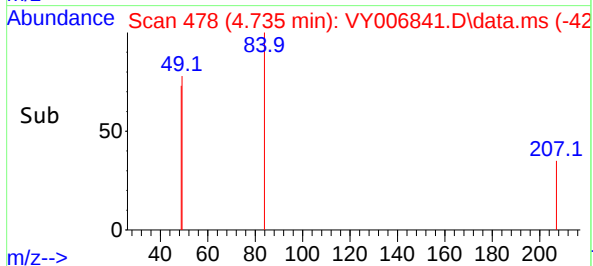
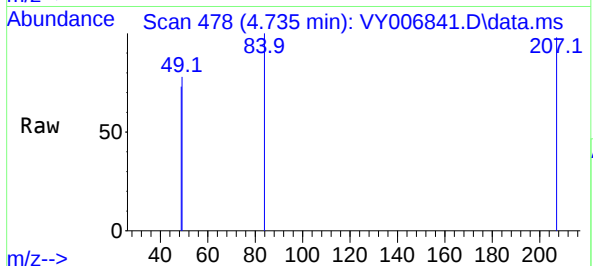
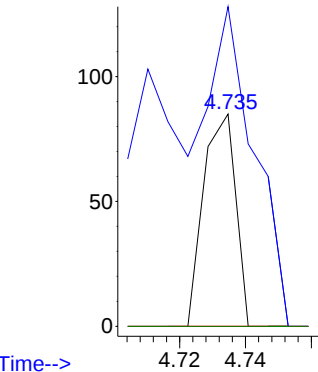
84 100

49 80.0 107.8 161.8#

51 0.0 32.8 49.2#

86 0.0 50.6 75.8#

Abundance



#33

1,2-Dichloroethane-d4

Concen: 62.720 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY006841.D

Acq: 19 Nov 2021 19:52

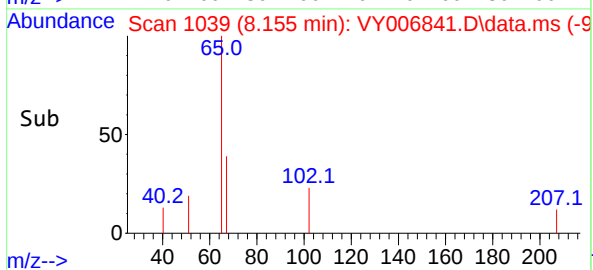
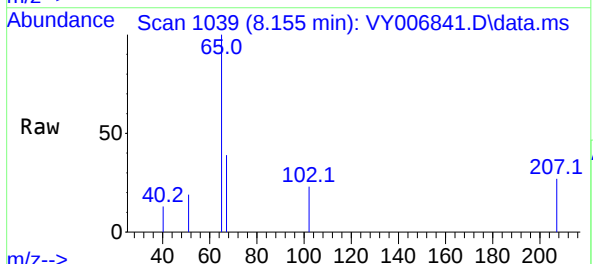
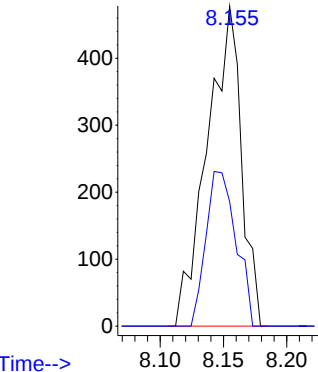
Tgt Ion: 65 Resp: 896

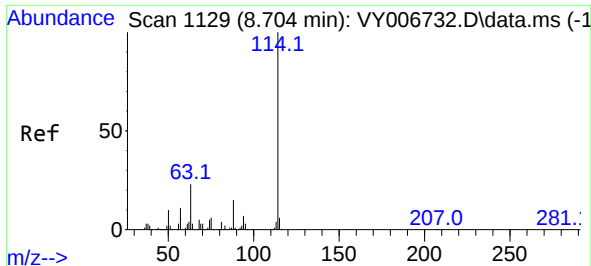
Ion Ratio Lower Upper

65 100

67 42.6 0.0 98.2

Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY006841.D

Acq: 19 Nov 2021 19:52

Instrument :

MSVOA_Y

ClientSampleId :

TP4

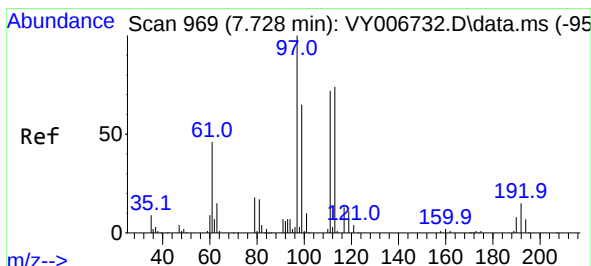
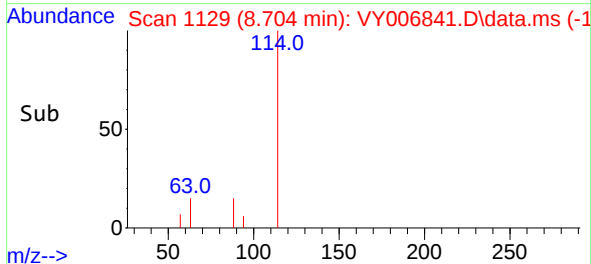
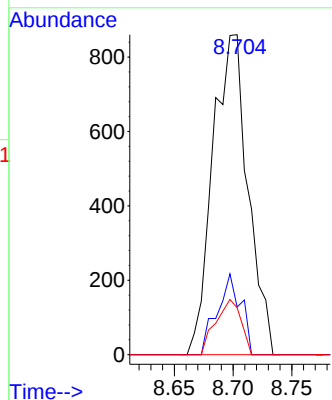
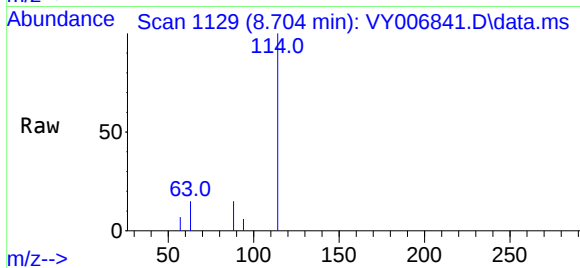
Tgt Ion:114 Resp: 1792

Ion Ratio Lower Upper

114 100

63 14.9 0.0 45.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.248 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006841.D

Acq: 19 Nov 2021 19:52

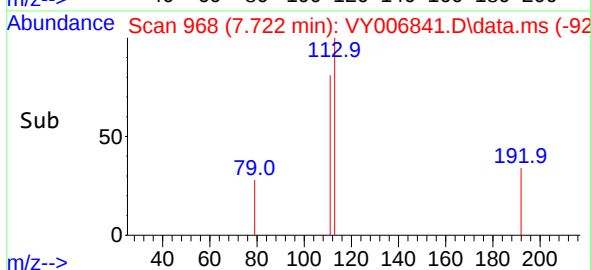
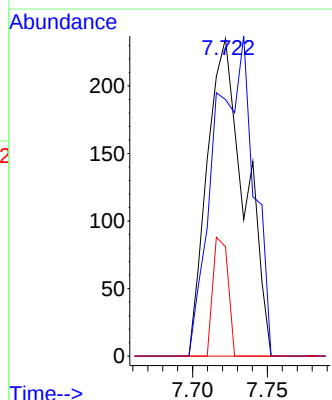
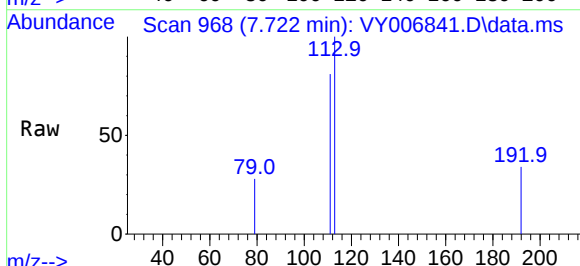
Tgt Ion:113 Resp: 410

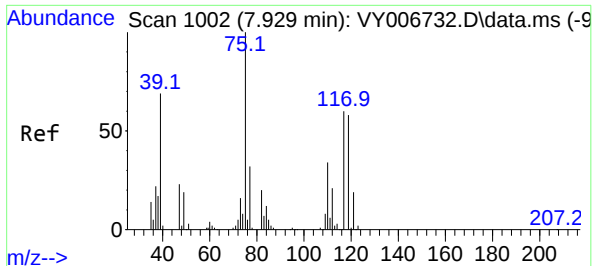
Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

192 15.1 17.4 26.2#

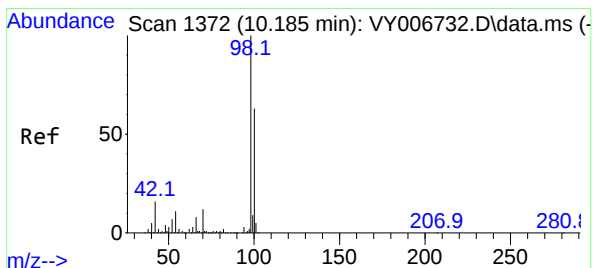
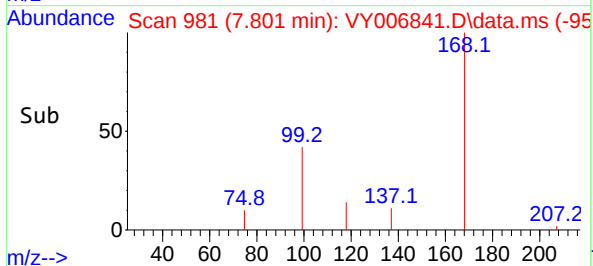
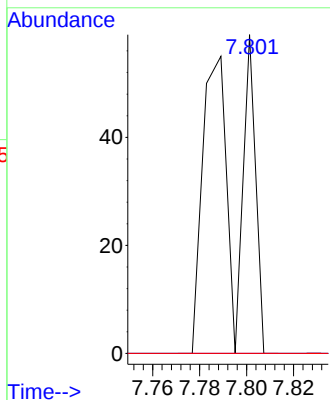
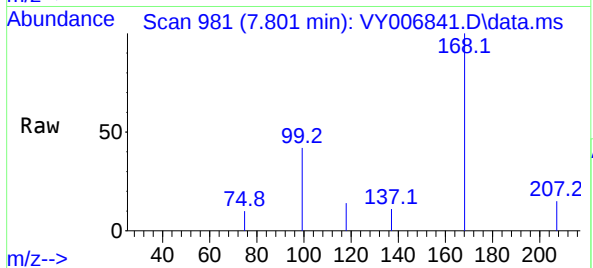




#36
1,1-Dichloropropene
Concen: 3.080 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

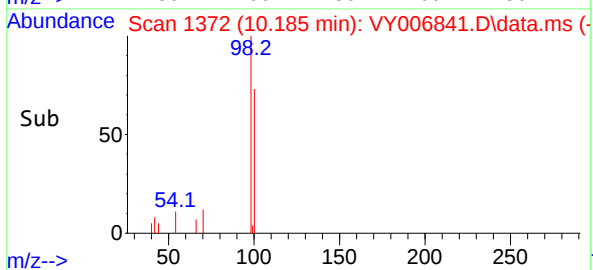
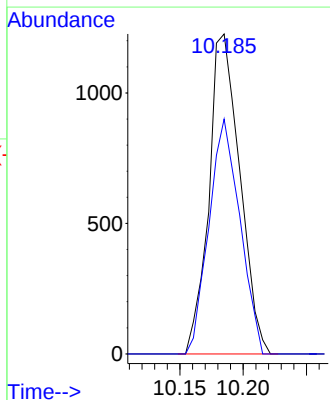
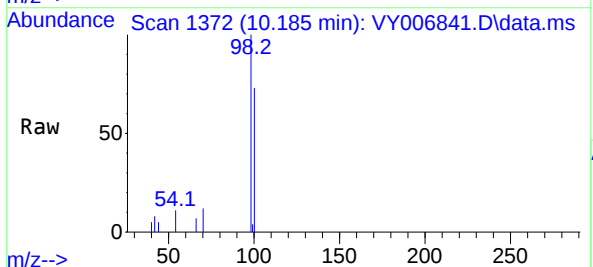
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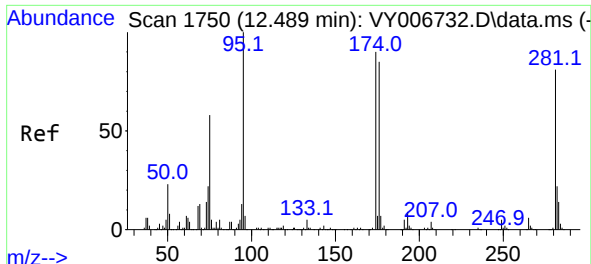
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 45.775 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

Tgt Ion: 98 Resp: 2085
Ion Ratio Lower Upper
98 100
100 73.4 50.9 76.3

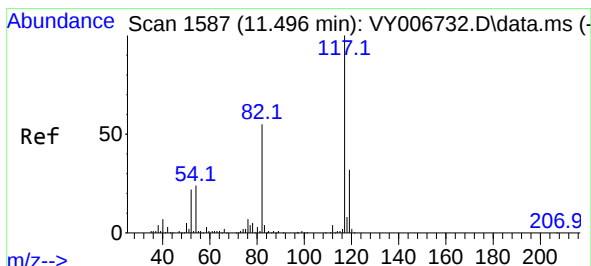
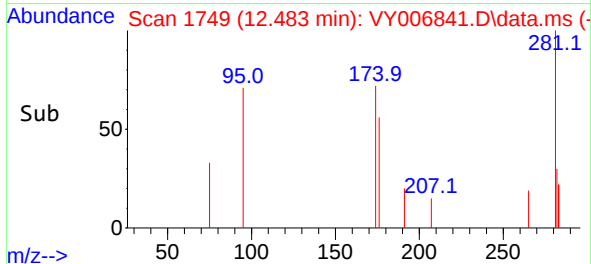
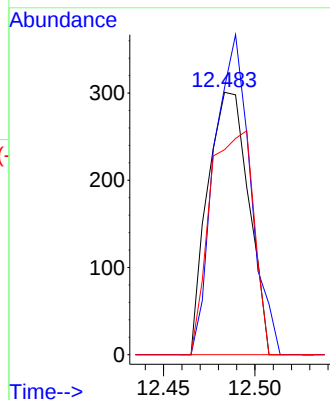
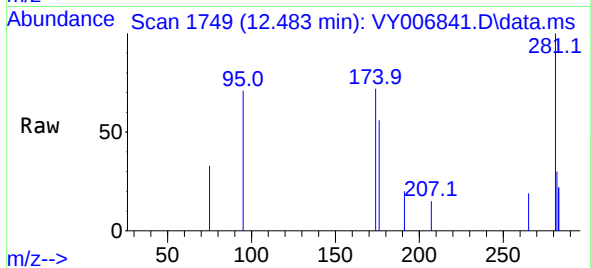




#62
4-Bromofluorobenzene
Concen: 30.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

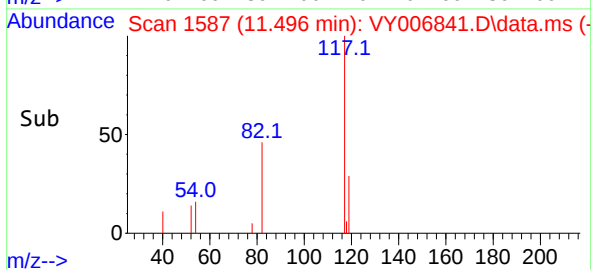
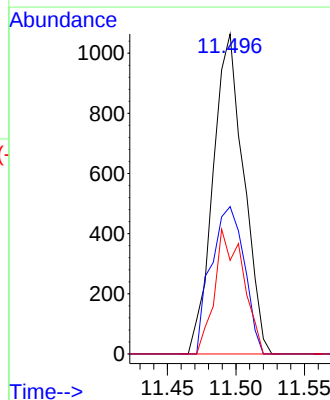
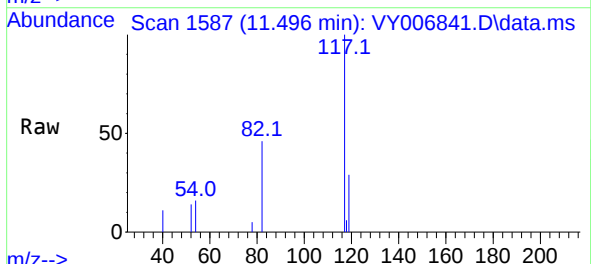
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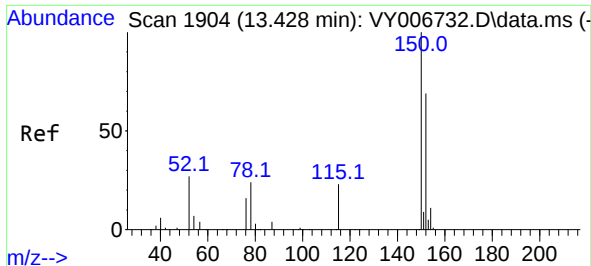
Tgt Ion: 95 Resp: 470
Ion Ratio Lower Upper
95 100
174 107.2 0.0 177.0
176 90.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

Tgt Ion: 117 Resp: 1658
Ion Ratio Lower Upper
117 100
82 46.1 45.7 68.5
119 29.2 25.5 38.3

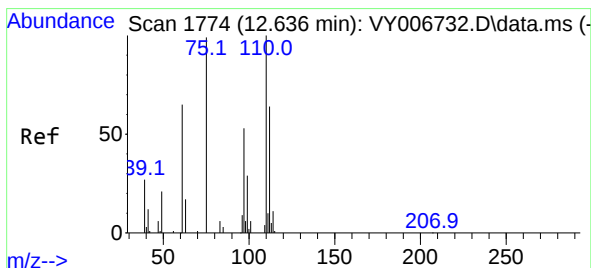
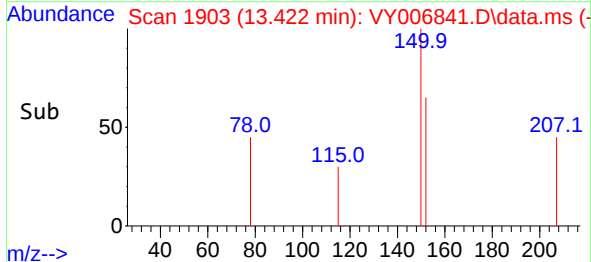
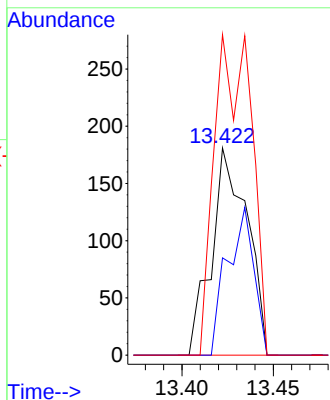
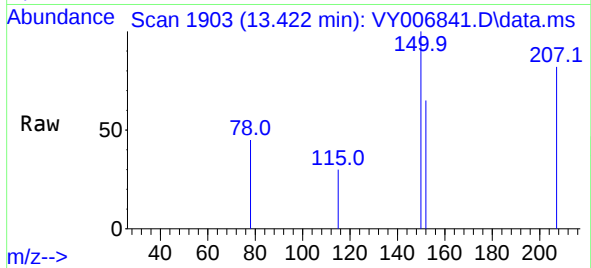




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

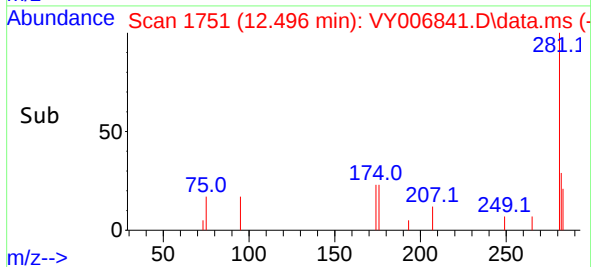
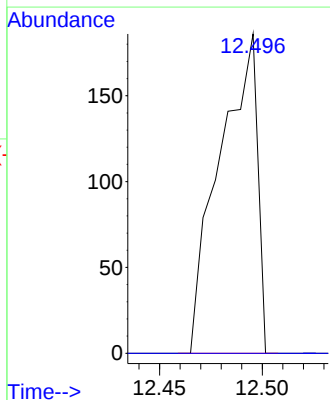
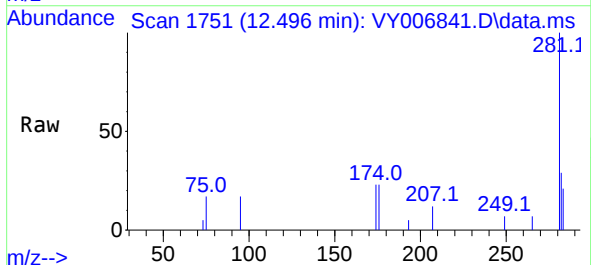
Instrument :
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ClientSampleId :
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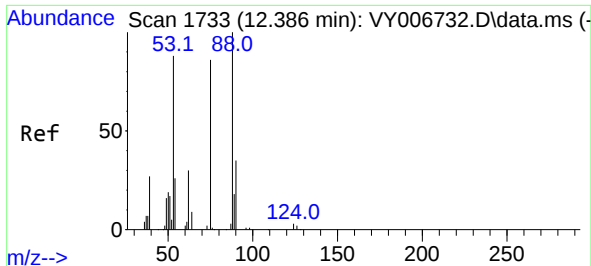
Tgt Ion:152 Resp: 247
Ion Ratio Lower Upper
152 100
115 53.0 28.5 85.5
150 159.9 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 88.254 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.140 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

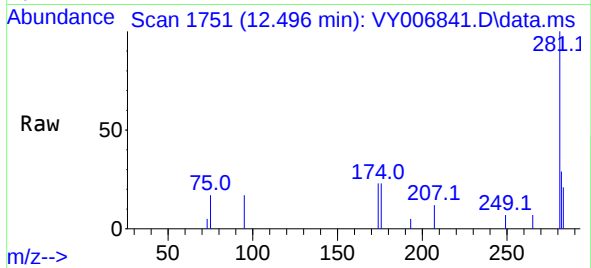
Tgt Ion: 75 Resp: 237
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 174.872 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY006841.D
Acq: 19 Nov 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :
TP4



Tgt Ion: 75 Resp: 237
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

