

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006760.D
 Acq On : 16 Nov 2021 14:39
 Operator : SY/MD
 Sample : M4685-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-111221

Quant Time: Nov 17 04:07:25 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)

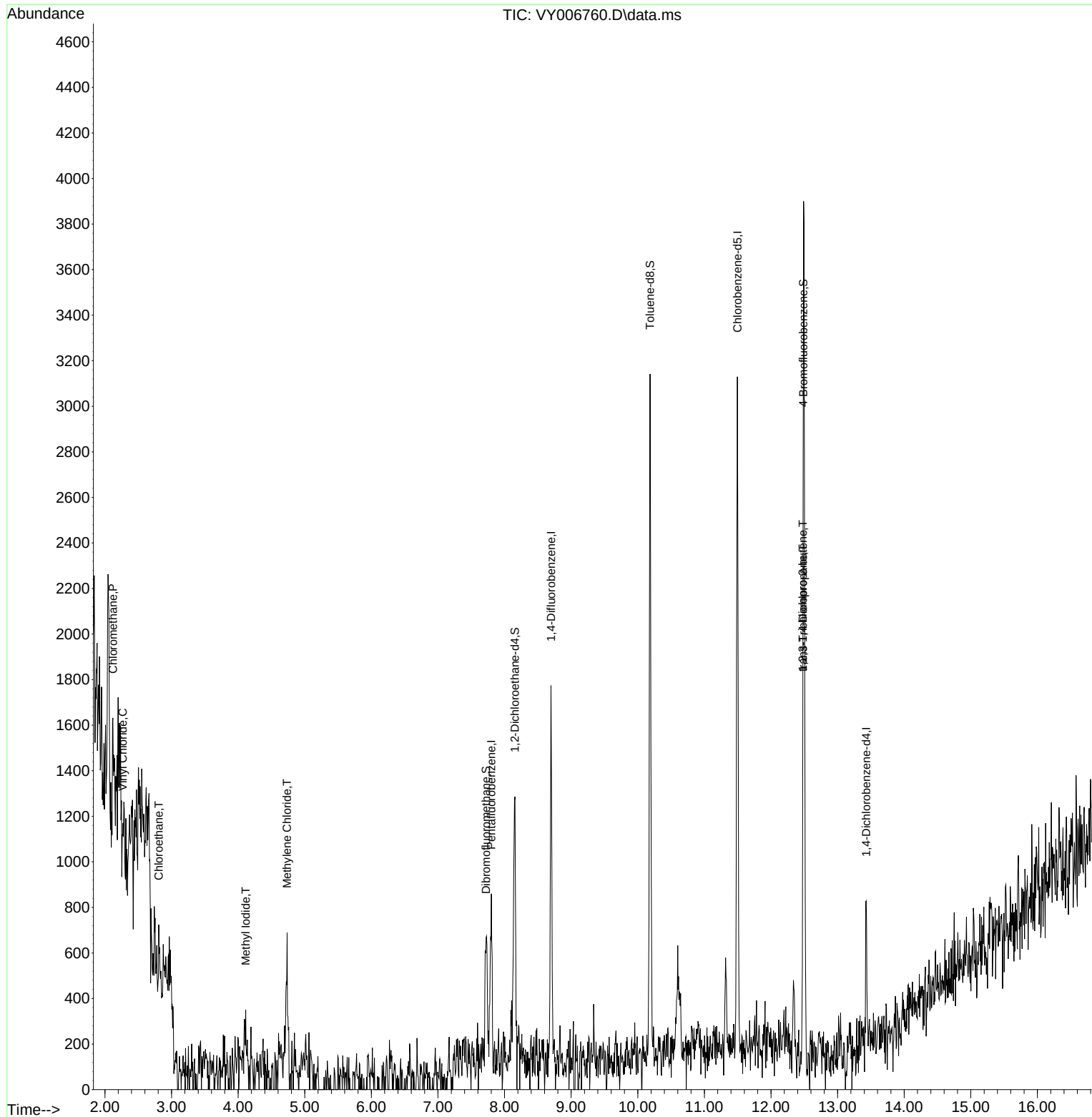
Internal Standards						
1) Pentafluorobenzene	7.801	168	749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1157	117.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.720%#	
35) Dibromofluoromethane	7.722	113	413	42.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.320%	
50) Toluene-d8	10.185	98	1992	49.727	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.483	95	465	34.432	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	208	19.222	ug/l	# 43
4) Vinyl Chloride	2.266	62	18	1.638	ug/l	# 44
6) Chloroethane	2.808	64	258	38.386	ug/l	# 45
10) Methyl Iodide	4.113	142	383	41.902	ug/l	# 49
20) Methylene Chloride	4.735	84	350	38.548	ug/l	# 87
76) 1,2,3-Trichloropropane	12.477	75	270	121.735	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	270	241.214	ug/l	# 7

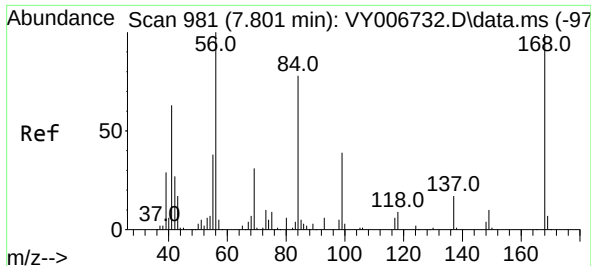
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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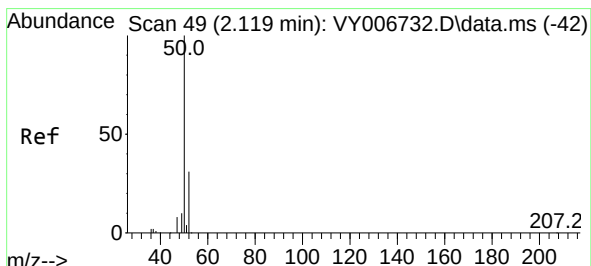
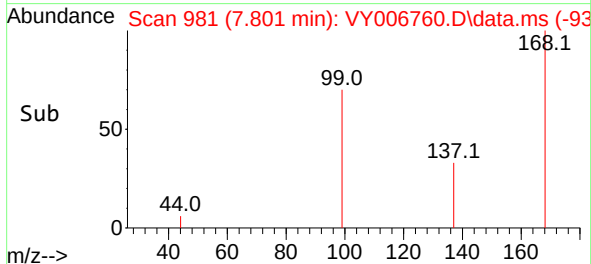
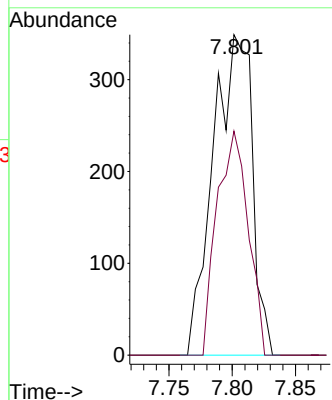
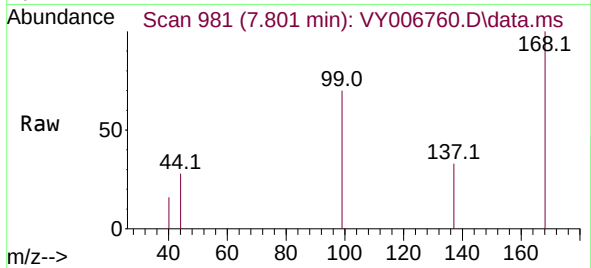




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

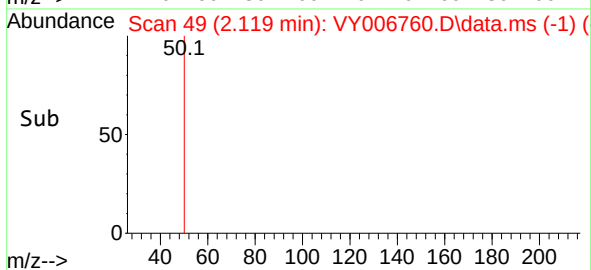
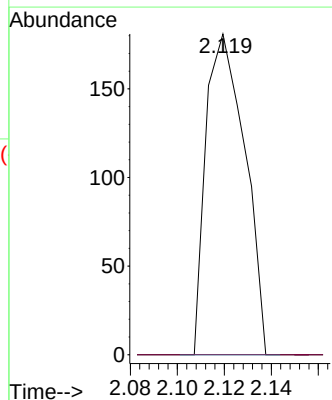
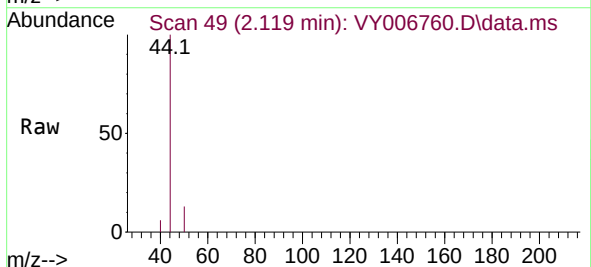
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

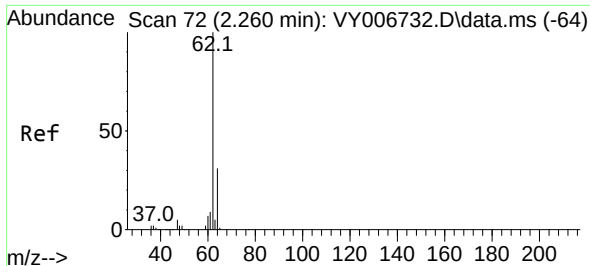
Tgt Ion:168 Resp: 749
Ion Ratio Lower Upper
168 100
99 69.9 44.8 67.2#



#3
Chloromethane
Concen: 19.222 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#4
 Vinyl Chloride
 Concen: 1.638 ug/l
 RT: 2.266 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

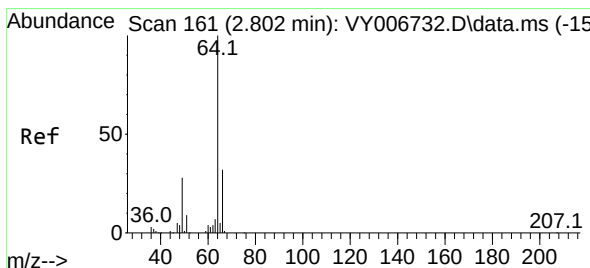
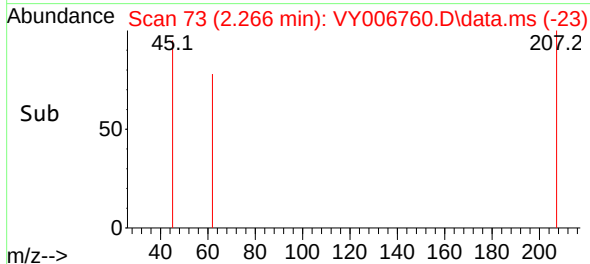
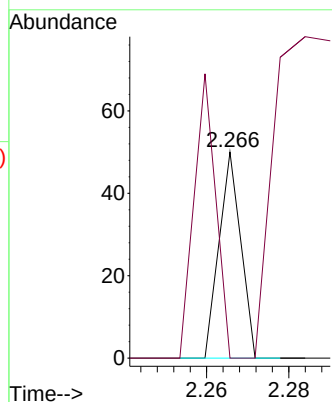
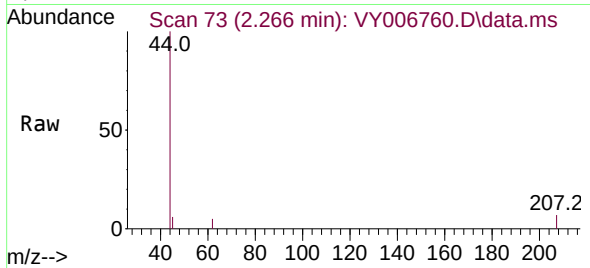
Instrument :

MSVOA_Y

ClientSampleId :

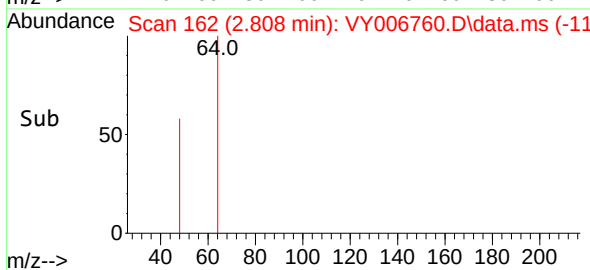
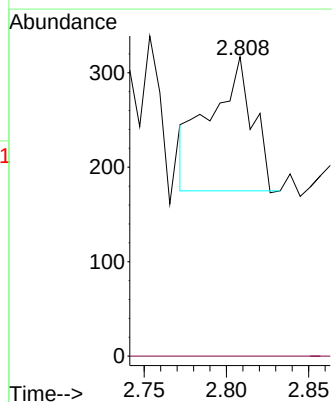
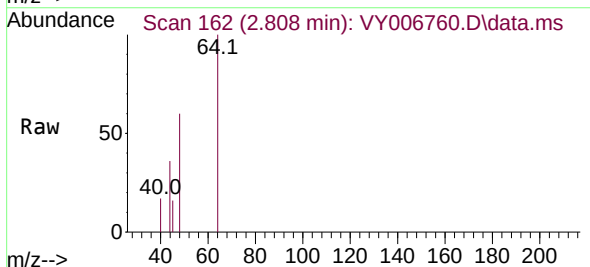
OK-01-111221

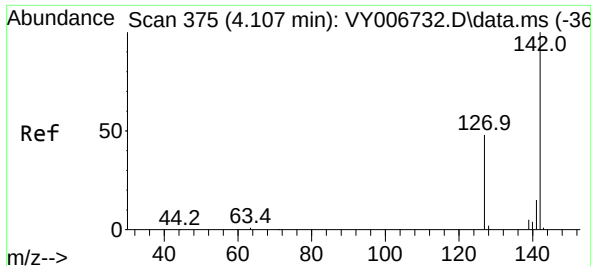
Tgt Ion: 62 Resp: 18
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#6
 Chloroethane
 Concen: 38.386 ug/l
 RT: 2.808 min Scan# 162
 Delta R.T. 0.006 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

Tgt Ion: 64 Resp: 258
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.8 35.6#

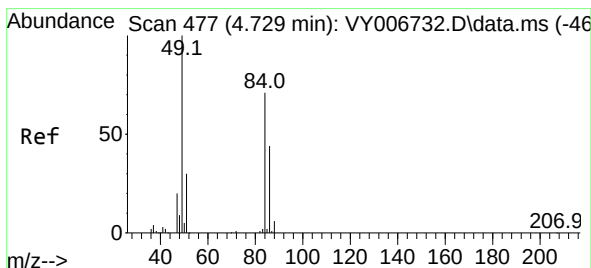
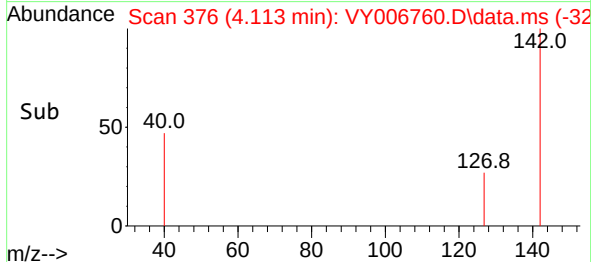
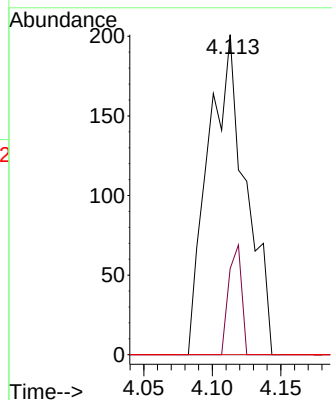
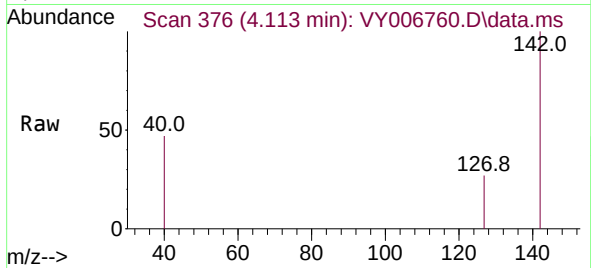




#10
Methyl Iodide
Concen: 41.902 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

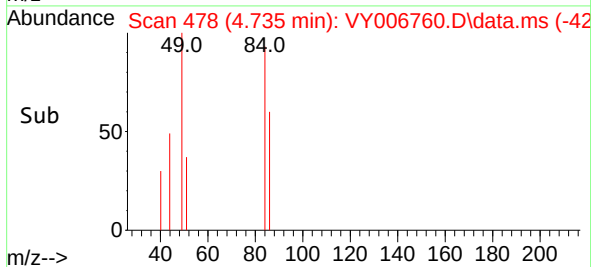
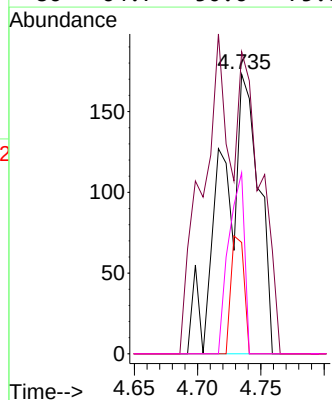
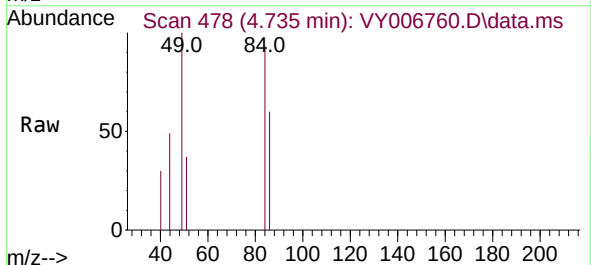
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221

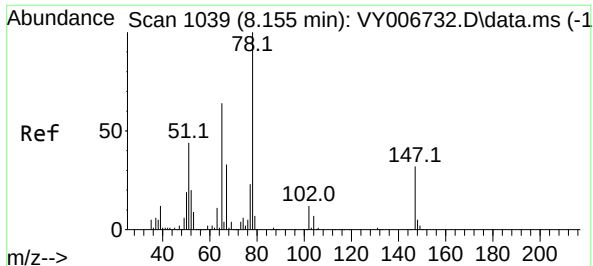
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
127 11.7 40.1 60.1#
141 0.0 12.5 18.7#



#20
Methylene Chloride
Concen: 38.548 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 108.1 107.8 161.8
51 39.9 32.8 49.2
86 64.7 50.6 75.8

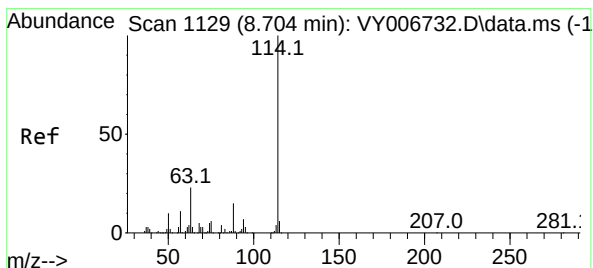
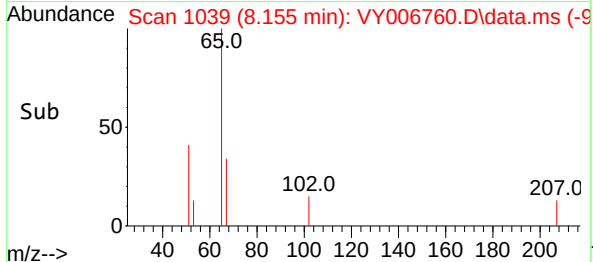
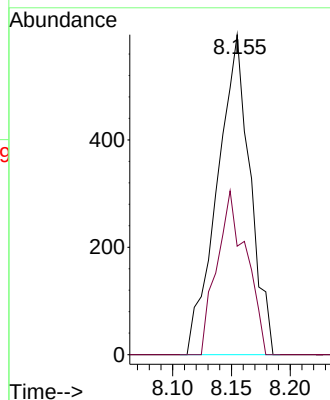
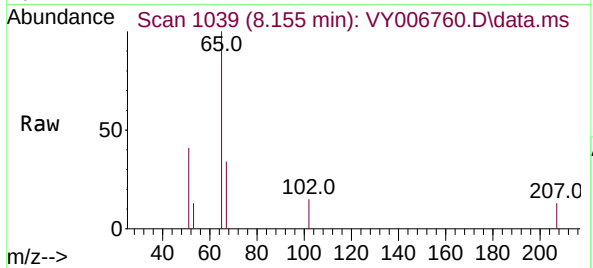




#33
 1,2-Dichloroethane-d4
 Concen: 117.862 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

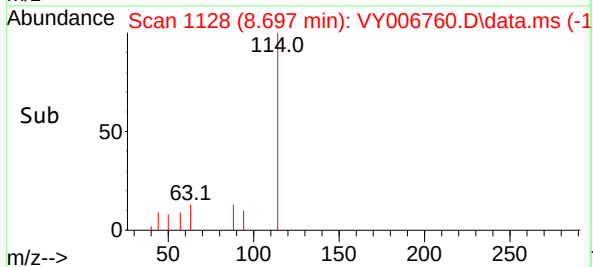
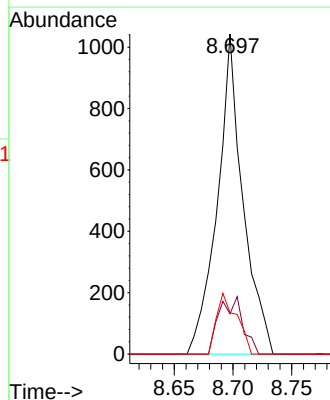
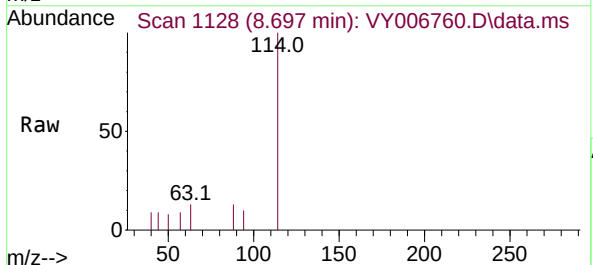
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 MSVOA_Y
 ClientSampleId :
 OK-01-111221

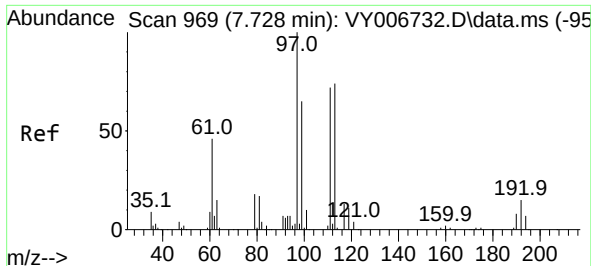
Tgt Ion: 65 Resp: 1157
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

Tgt Ion: 114 Resp: 1576
 Ion Ratio Lower Upper
 114 100
 63 12.6 0.0 45.0
 88 12.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 42.663 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY006760.D

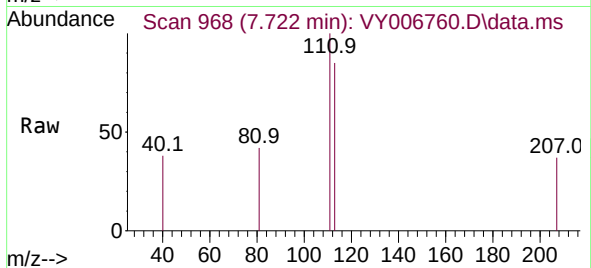
Acq: 16 Nov 2021 14:39

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-111221



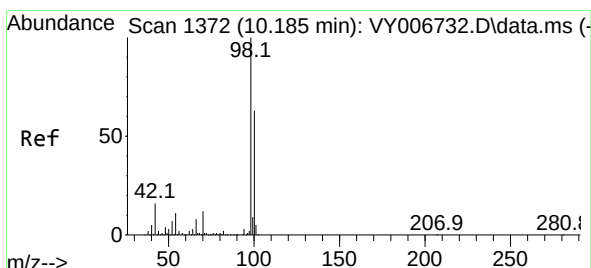
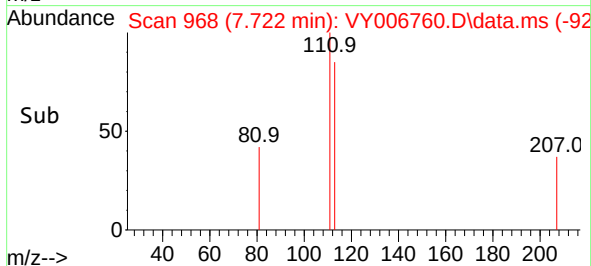
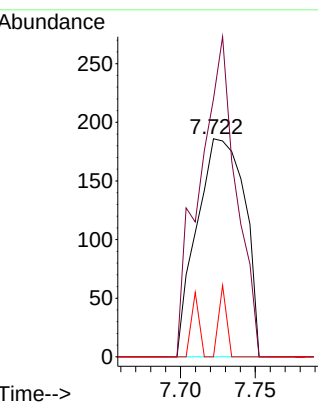
Tgt Ion:113 Resp: 413

Ion Ratio Lower Upper

113 100

111 112.6 82.3 123.5

192 5.3 17.4 26.2#



#50

Toluene-d8

Concen: 49.727 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006760.D

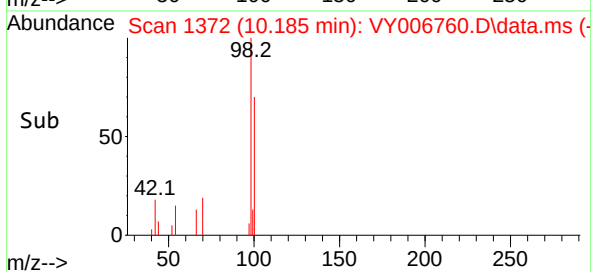
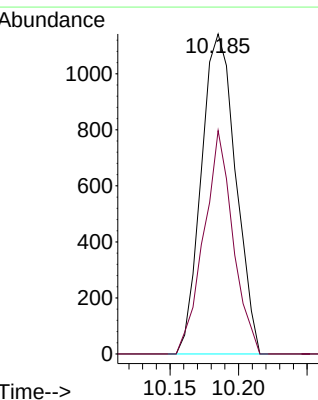
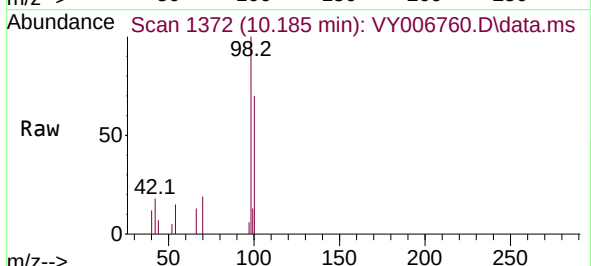
Acq: 16 Nov 2021 14:39

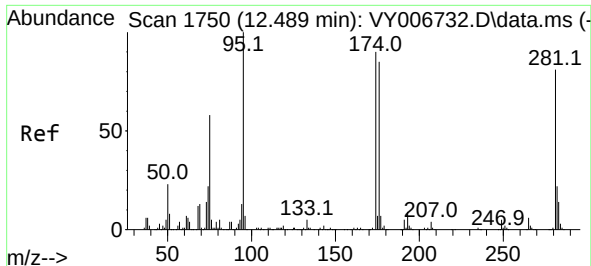
Tgt Ion: 98 Resp: 1992

Ion Ratio Lower Upper

98 100

100 59.2 50.9 76.3

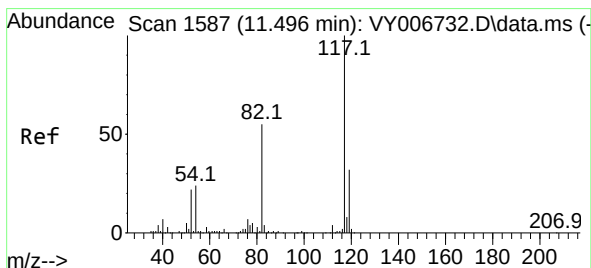
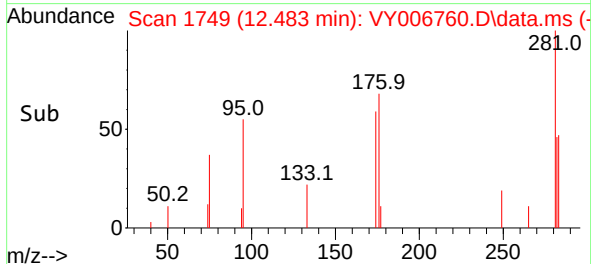
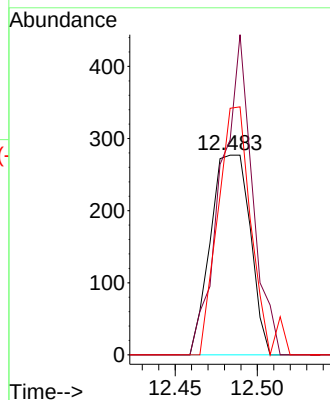
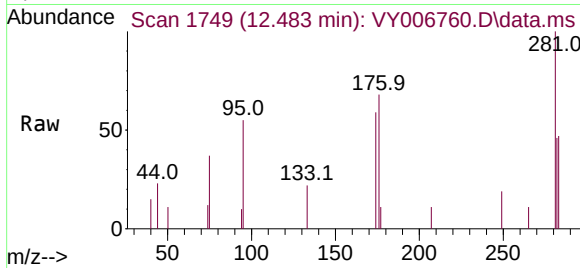




#62
4-Bromofluorobenzene
Concen: 34.432 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

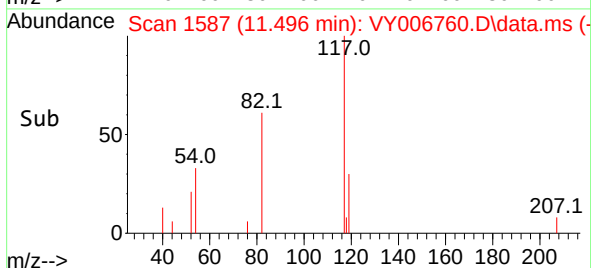
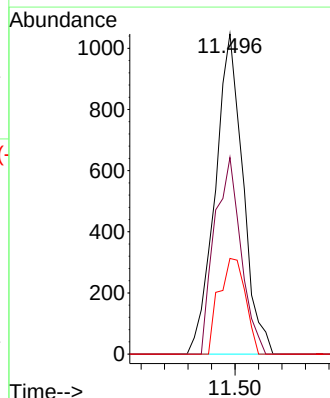
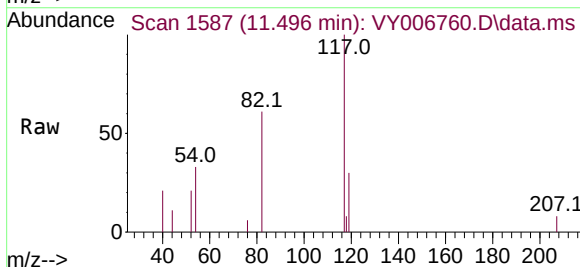
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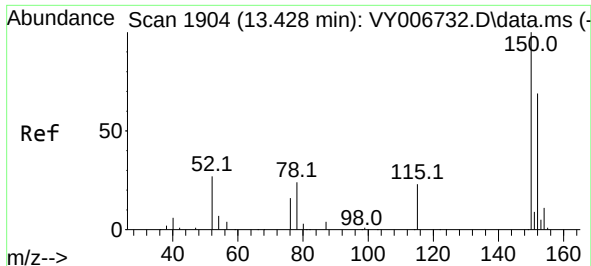
Tgt Ion: 95	Resp: 465		
Ion Ratio	Lower	Upper	
95 100			
174 125.8	0.0	177.0	
176 105.4	0.0	169.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Tgt Ion:117	Resp:	1720	
Ion	Ratio	Lower	Upper
117	100		
82	61.4	45.7	68.5
119	29.9	25.5	38.3

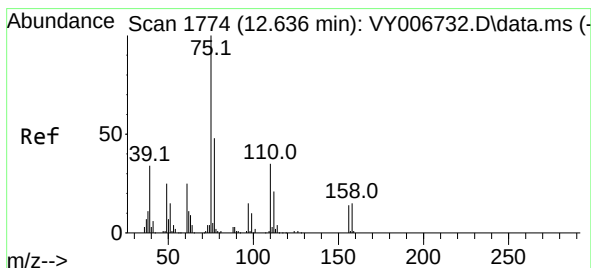
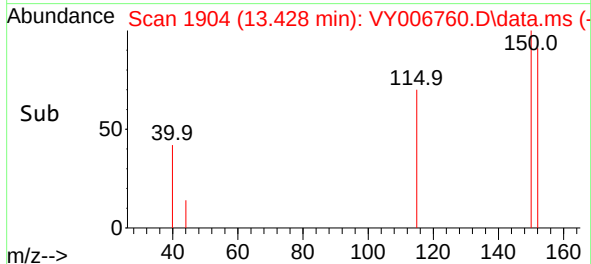
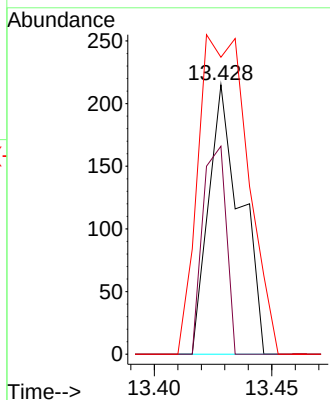
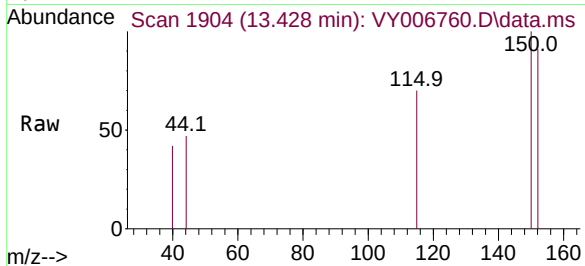




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

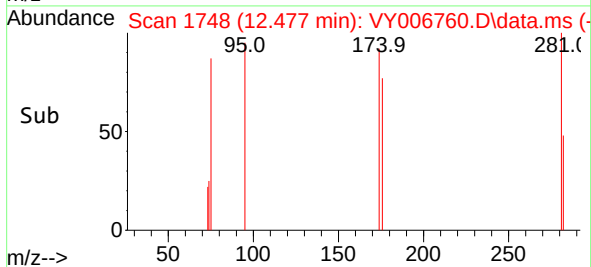
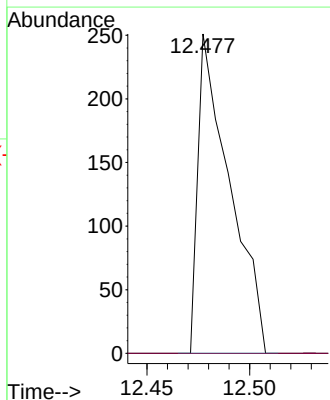
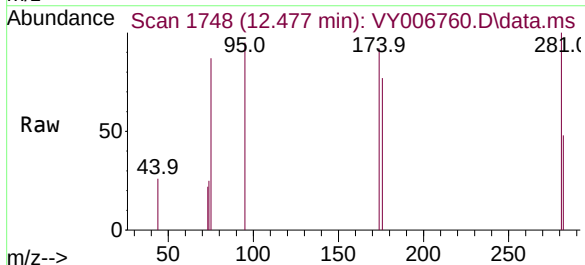
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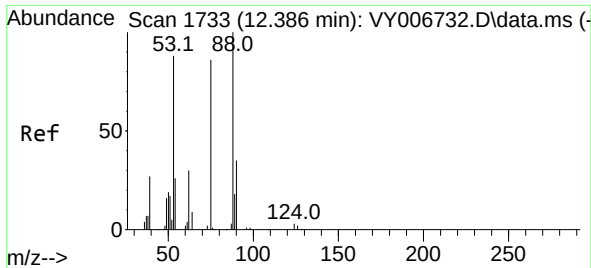
Tgt Ion:152 Resp: 204
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.5 85.5
 150 183.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 121.735 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY006760.D
 Acq: 16 Nov 2021 14:39

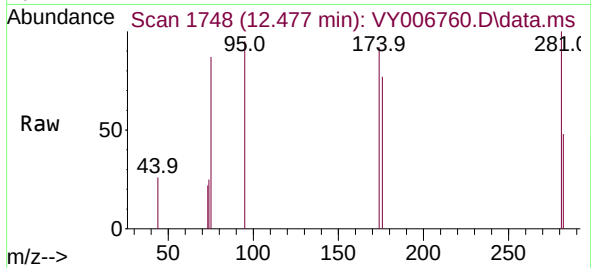
Tgt Ion: 75 Resp: 270
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 241.214 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY006760.D
Acq: 16 Nov 2021 14:39

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-111221



Tgt Ion: 75 Resp: 270
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

