

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006839.D
 Acq On : 19 Nov 2021 19:05
 Operator : SY/MD
 Sample : M4758-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:21:04 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)

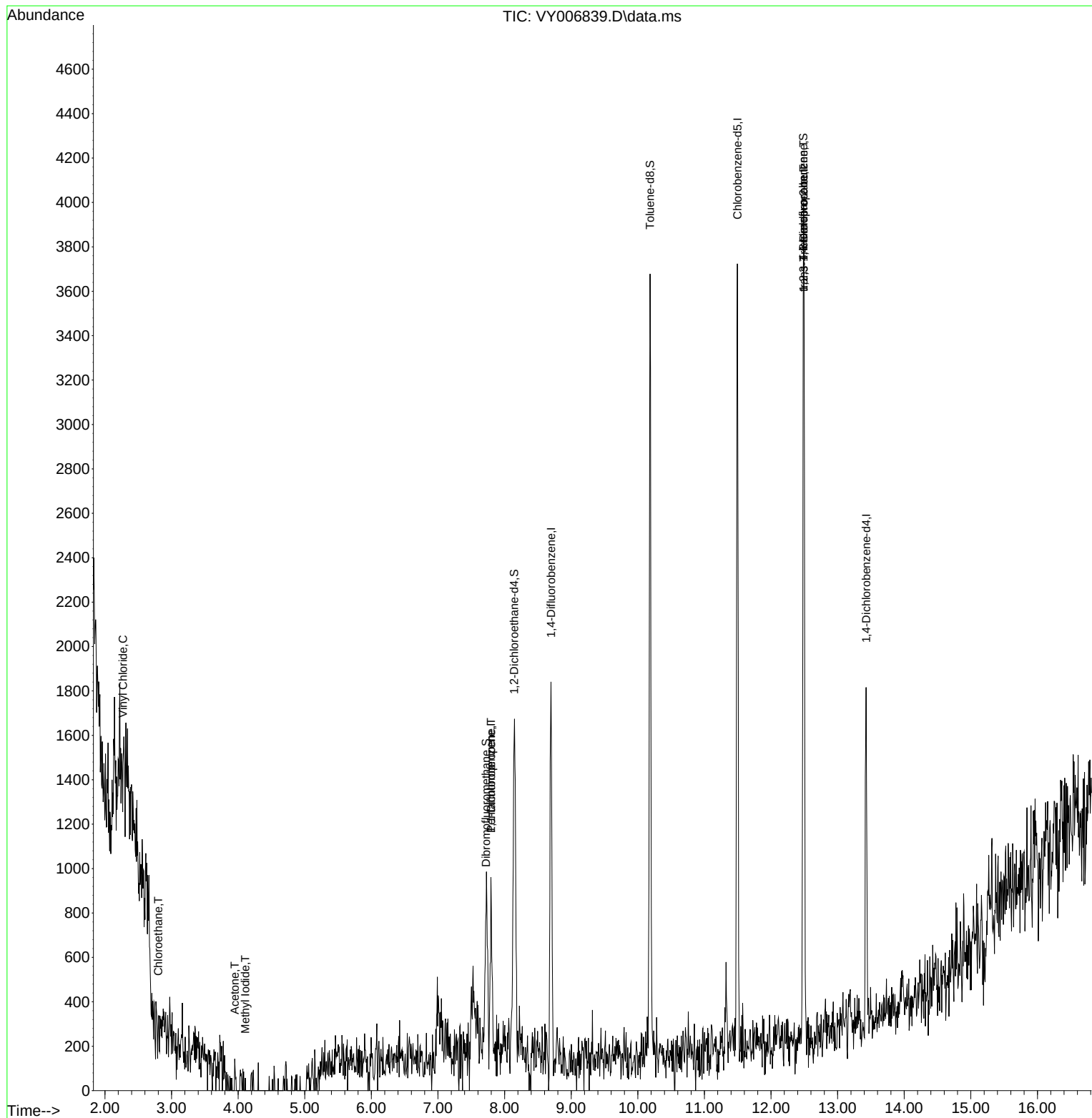
Internal Standards						
1) Pentafluorobenzene	7.795	168	741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1521	156.615	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	313.240%#
35) Dibromofluoromethane	7.722	113	553	47.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.185	98	2425	49.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.483	95	694	42.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.580%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.272	62	38	3.496	ug/l #	44
6) Chloroethane	2.802	64	21	3.158	ug/l #	45
10) Methyl Iodide	4.107	142	21	2.322	ug/l #	36
16) Acetone	3.948	43	131	44.397	ug/l #	46
20) Methylene Chloride	4.698	84	19	Below Cal	#	3
36) 1,1-Dichloropropene	7.795	75	27	1.297	ug/l #	42
76) 1,2,3-Trichloropropane	12.489	75	453	81.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	453	161.882	ug/l #	7

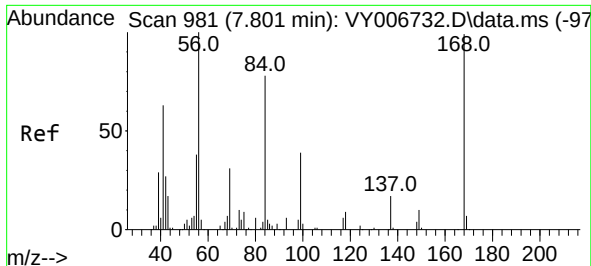
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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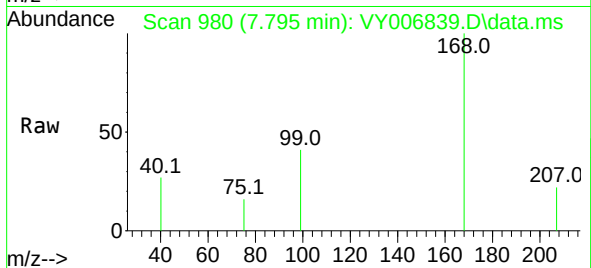
Quant Time: Nov 22 03:21:04 2021
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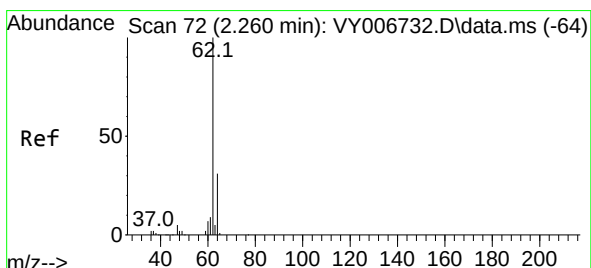
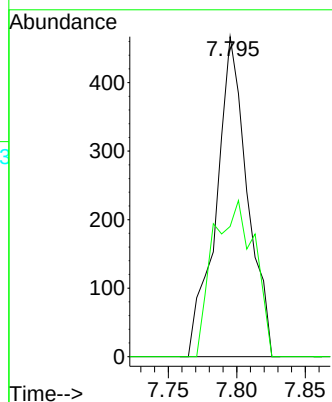
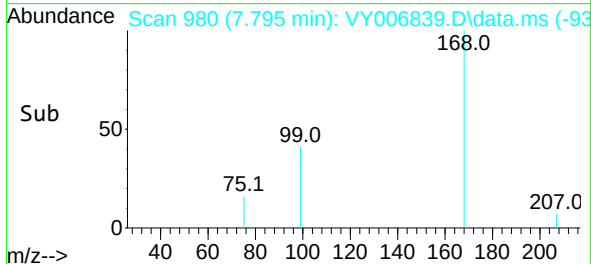


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :

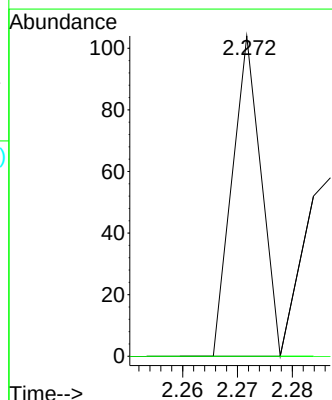
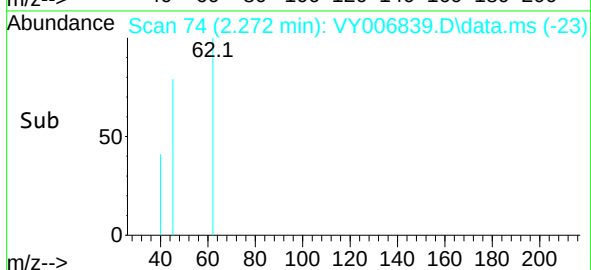
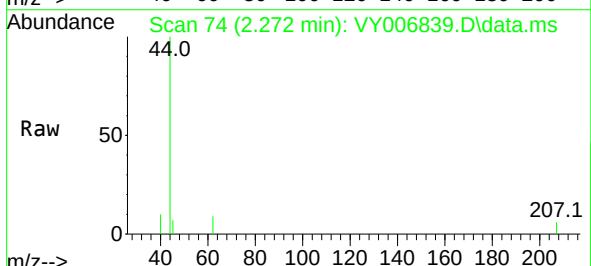


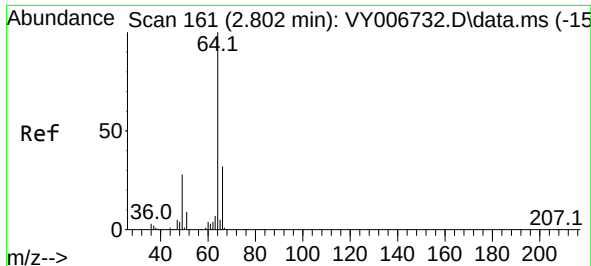
Tgt Ion:168 Resp: 741
Ion Ratio Lower Upper
168 100
99 40.7 44.8 67.2#



#4
Vinyl Chloride
Concen: 3.496 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

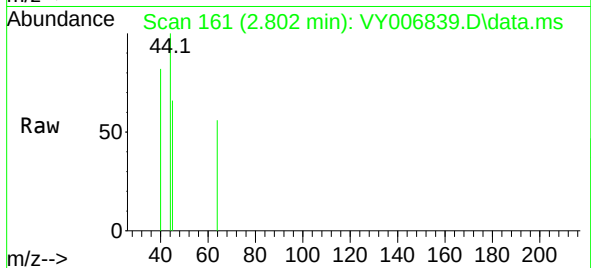
Tgt Ion: 62 Resp: 38
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



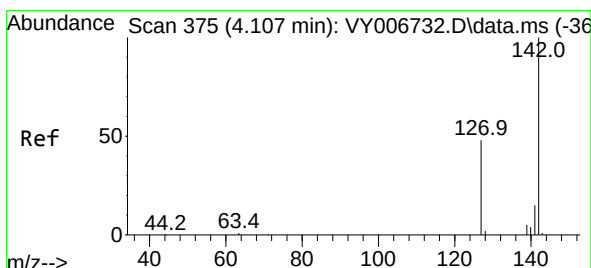
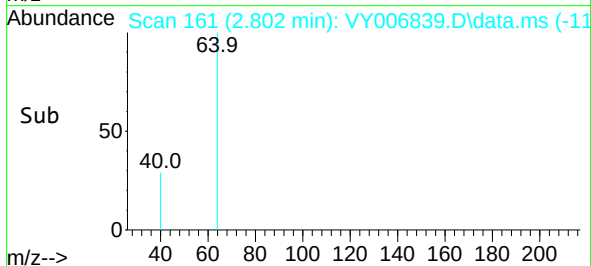
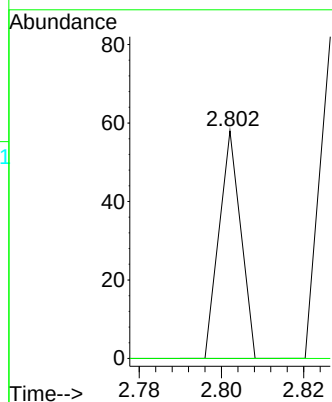


#6
Chloroethane
Concen: 3.158 ug/l
RT: 2.802 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :

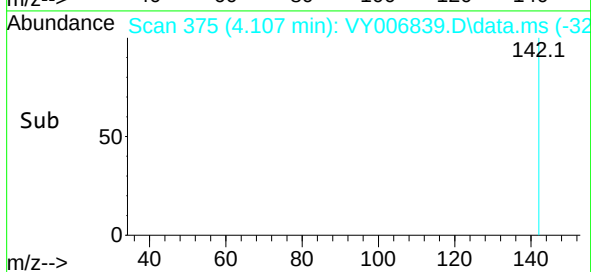
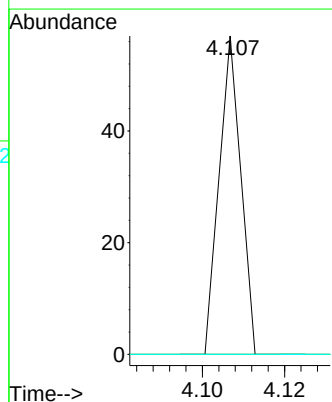
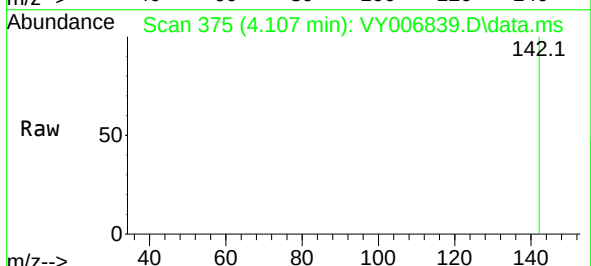


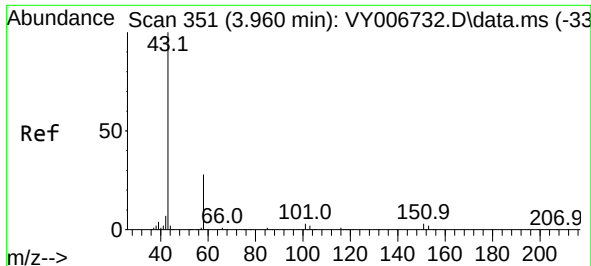
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#10
Methyl Iodide
Concen: 2.322 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

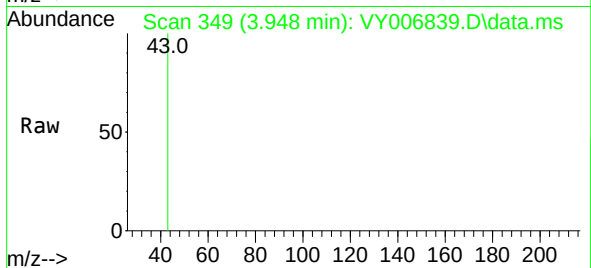
Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



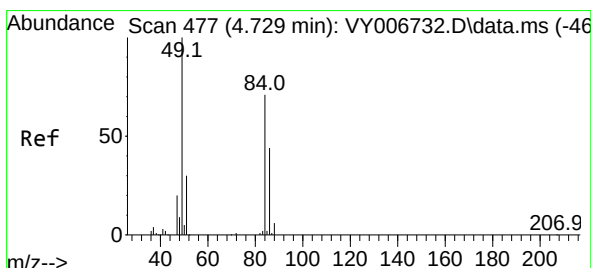
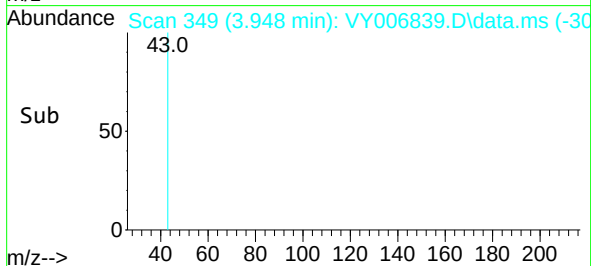
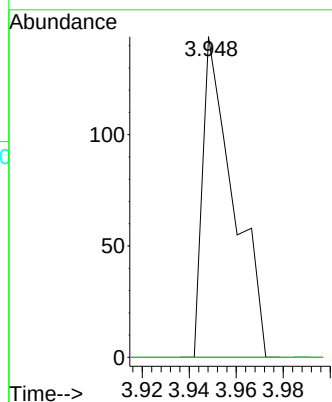


#16
Acetone
Concen: 44.397 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :

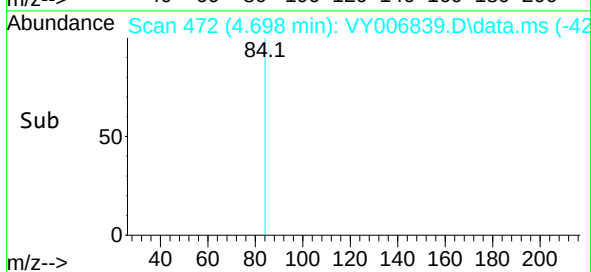
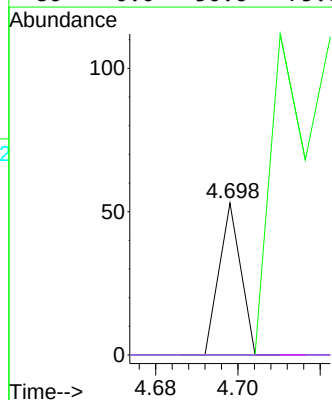
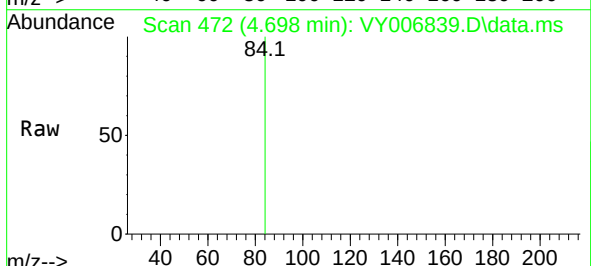


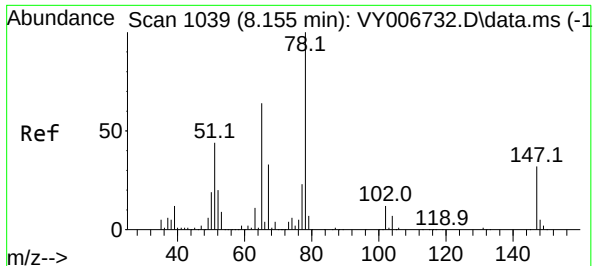
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.031 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 156.615 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY006839.D

Acq: 19 Nov 2021 19:05

Instrument :

MSVOA_Y

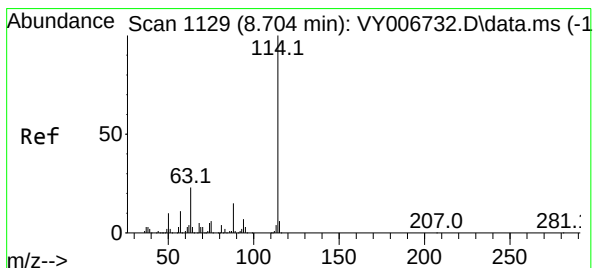
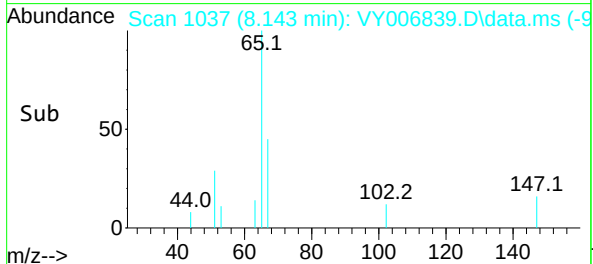
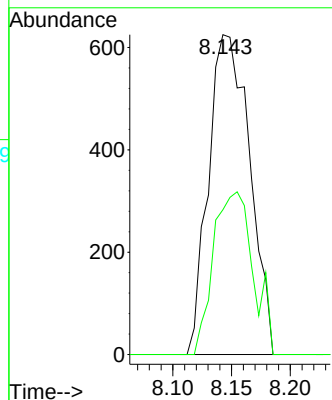
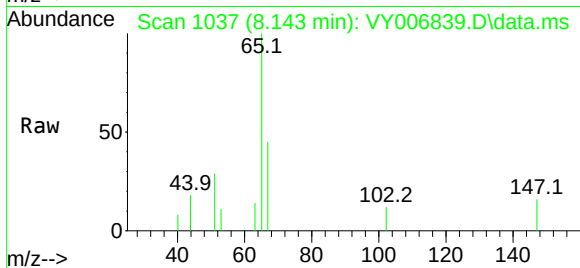
ClientSampleId :

Tgt Ion: 65 Resp: 1521

Ion Ratio Lower Upper

65 100

67 49.0 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: VY006839.D

Acq: 19 Nov 2021 19:05

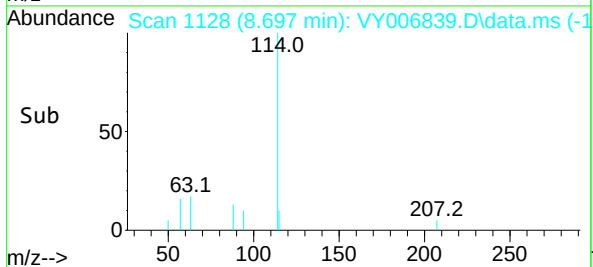
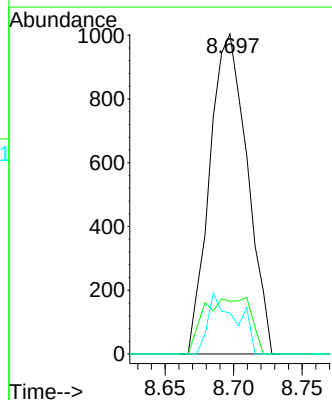
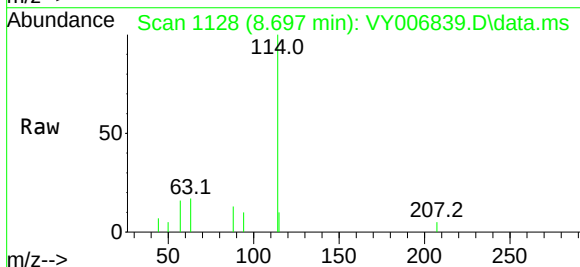
Tgt Ion: 114 Resp: 1915

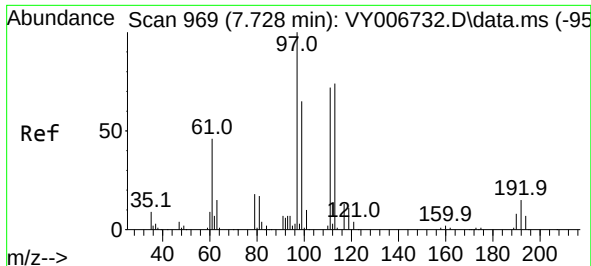
Ion Ratio Lower Upper

114 100

63 16.5 0.0 45.0

88 12.8 0.0 30.6

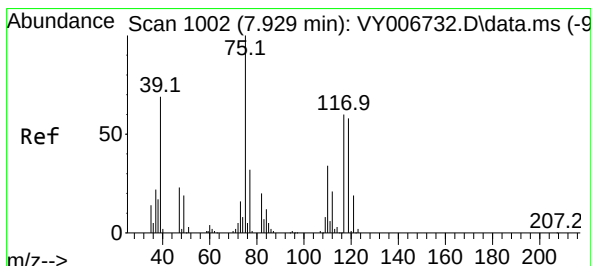
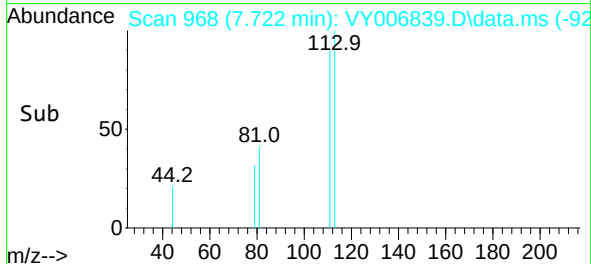
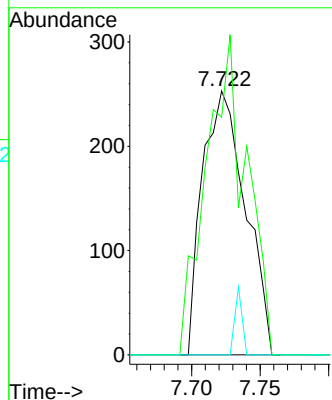
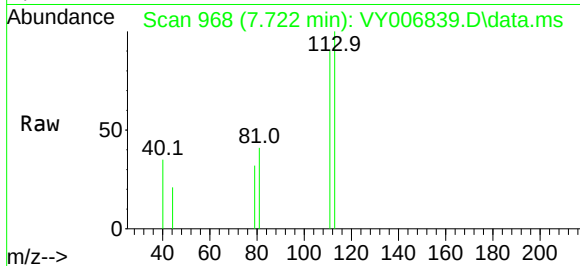




#35
Dibromofluoromethane
Concen: 47.013 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

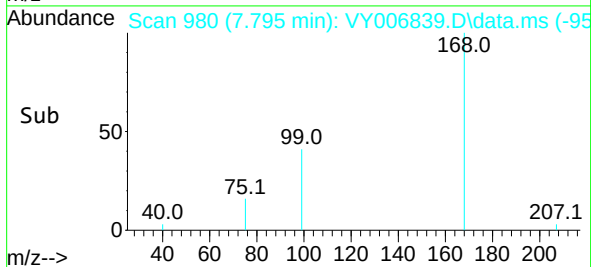
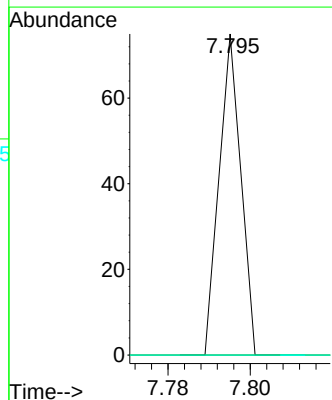
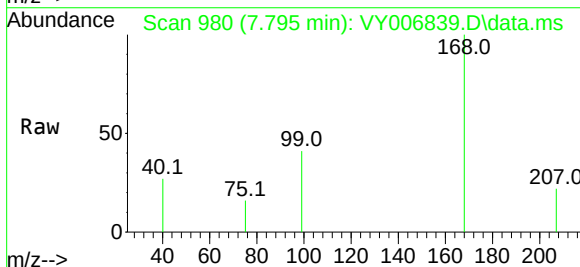
Instrument :
MSVOA_Y
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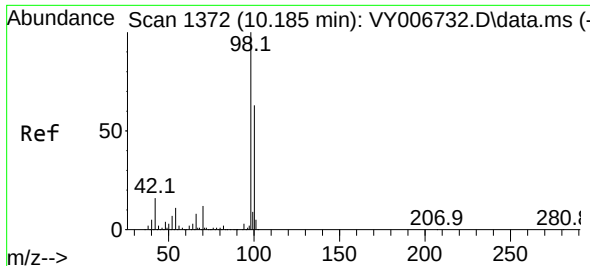
Tgt Ion:113 Resp: 553
Ion Ratio Lower Upper
113 100
111 113.4 82.3 123.5
192 4.3 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 1.297 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#

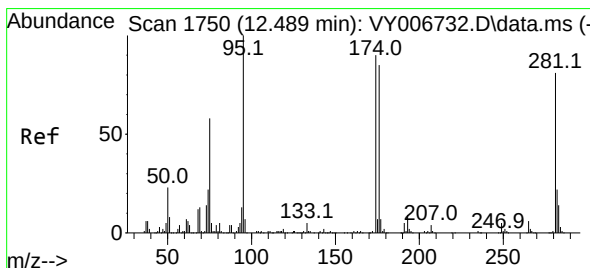
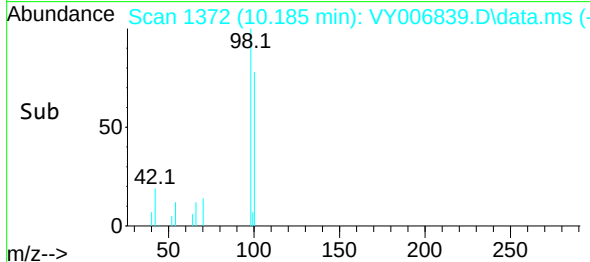
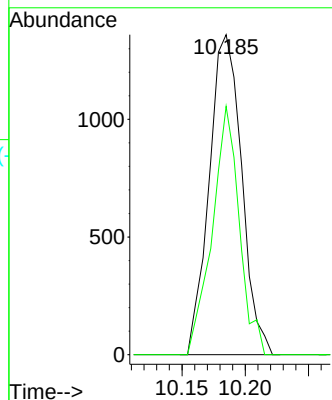
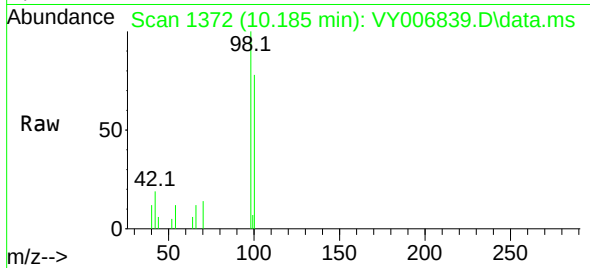




#50
Toluene-d8
Concen: 49.820 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

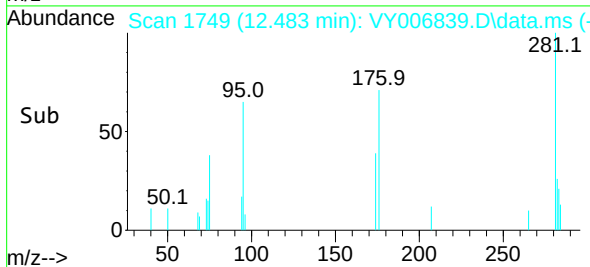
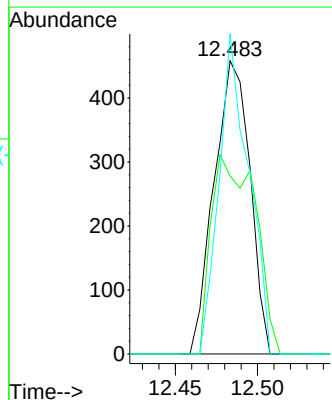
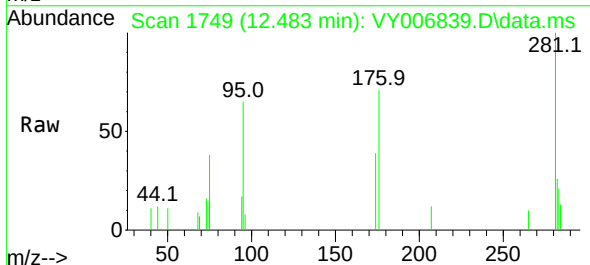
Instrument :
MSVOA_Y
ClientSampleId :

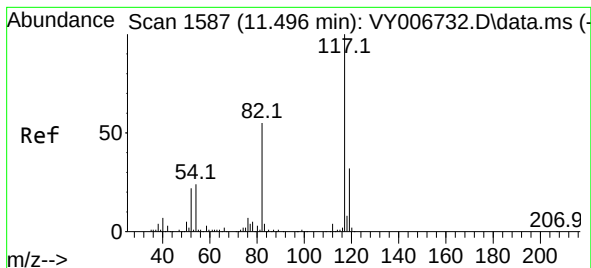
Tgt Ion: 98 Resp: 2425
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Tgt Ion: 95 Resp: 694
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 90.2 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.000 min

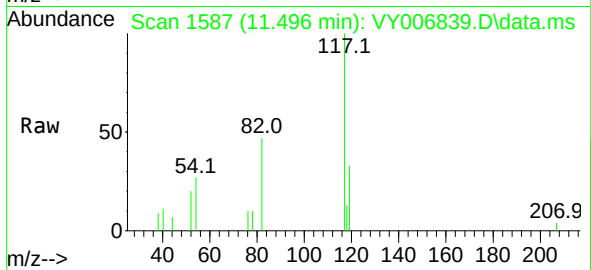
Lab File: VY006839.D

Acq: 19 Nov 2021 19:05

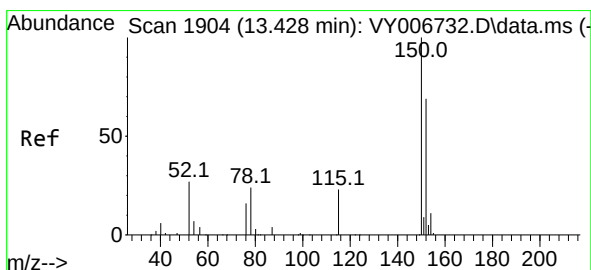
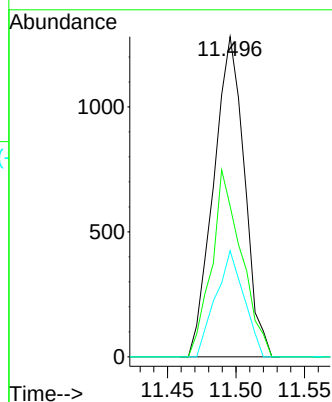
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	2004
Ion	Ratio	Lower	Upper
117	100		
82	47.1	45.7	68.5
119	33.1	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

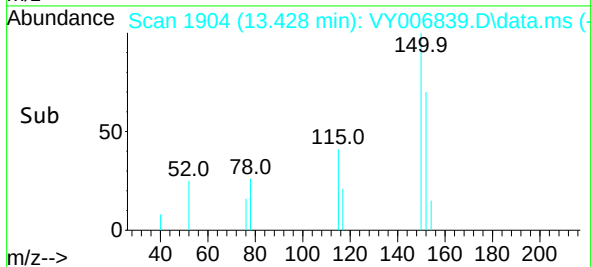
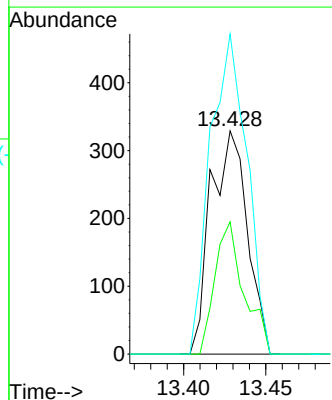
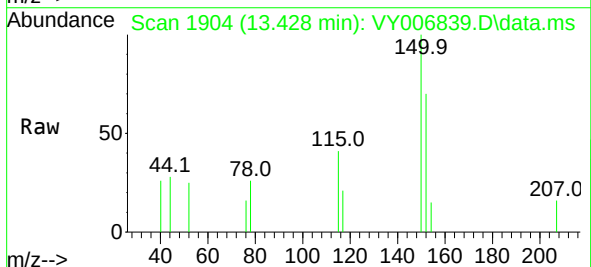
RT: 13.428 min Scan# 1904

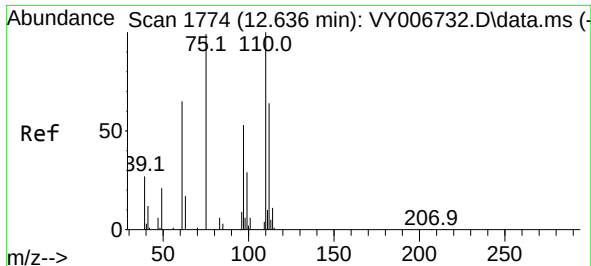
Delta R.T. 0.000 min

Lab File: VY006839.D

Acq: 19 Nov 2021 19:05

Tgt Ion:	152	Resp:	510
Ion	Ratio	Lower	Upper
152	100		
115	47.1	28.5	85.5
150	143.5	0.0	348.2

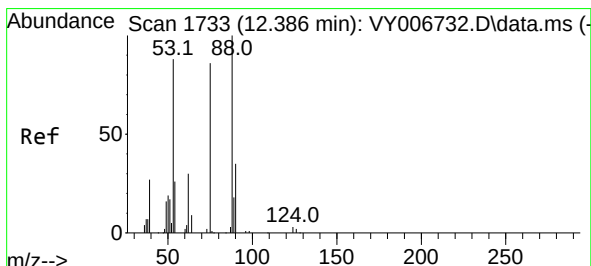
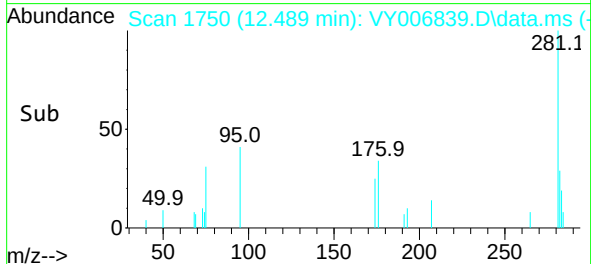
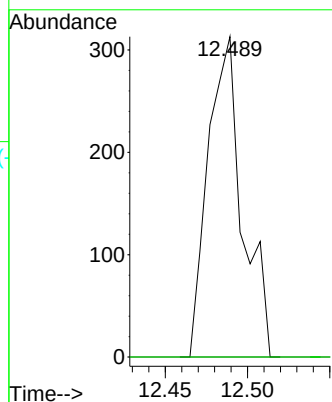
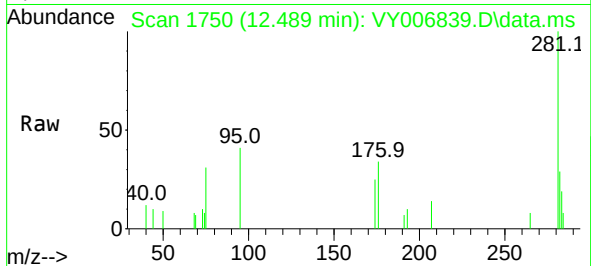




#76
1,2,3-Trichloropropane
Concen: 81.698 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 453
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 161.882 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY006839.D
Acq: 19 Nov 2021 19:05

Tgt Ion: 75 Resp: 453
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

