

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006688.D
 Acq On : 08 Nov 2021 18:17
 Operator : SY/MD
 Sample : M4540-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Nov 09 13:07:11 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)

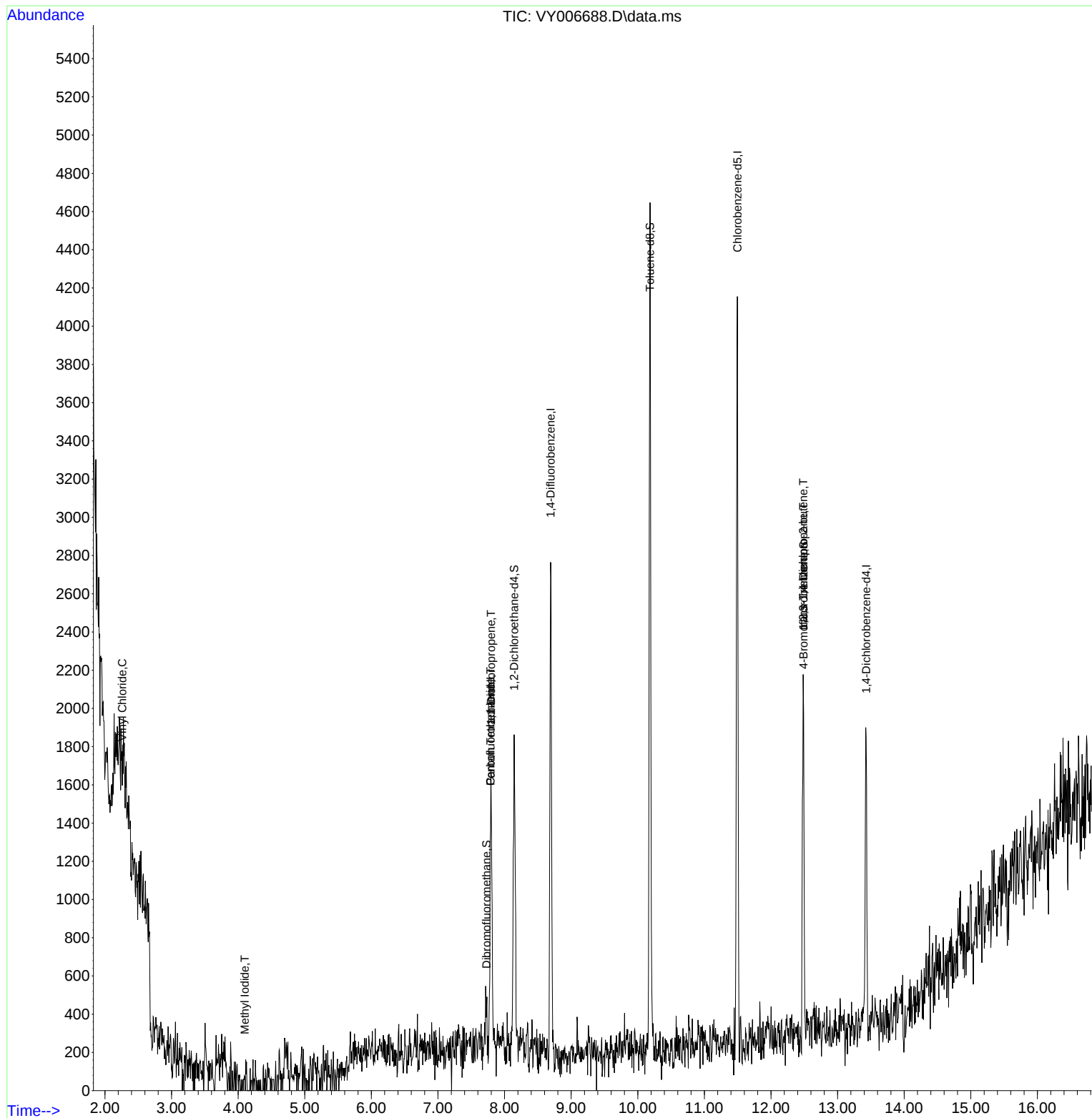
Internal Standards						
1) Pentafluorobenzene	7.789	168	1468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1632	90.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.680%#	
35) Dibromofluoromethane	7.728	113	131	10.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 20.540%#	
50) Toluene-d8	10.185	98	2989	55.290	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.489	95	717	39.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.740%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.260	62	29	1.418	ug/l #	44
10) Methyl Iodide	4.101	142	23	6.489	ug/l #	36
20) Methylene Chloride	4.729	84	62	Below Cal	#	24
36) 1,1-Dichloropropene	7.795	75	68	3.008	ug/l #	42
38) Carbon Tetrachloride	7.789	117	136	5.453	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	391	64.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	391	131.583	ug/l #	7

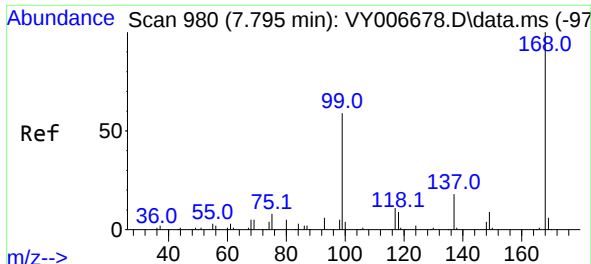
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-2

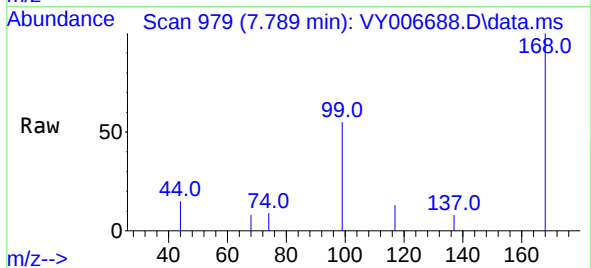
Quant Time: Nov 09 13:07:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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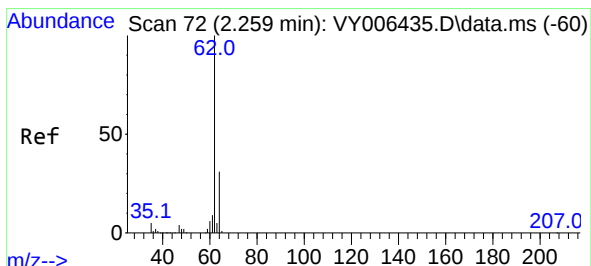
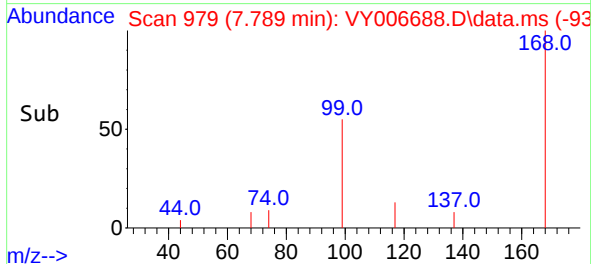
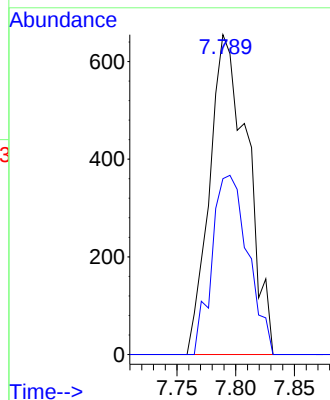


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

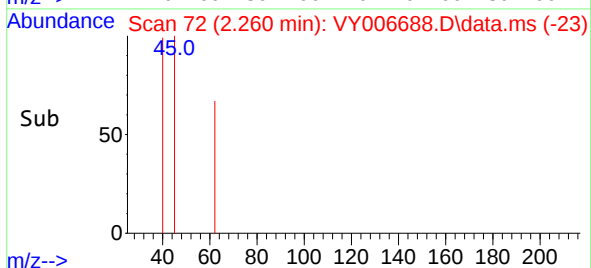
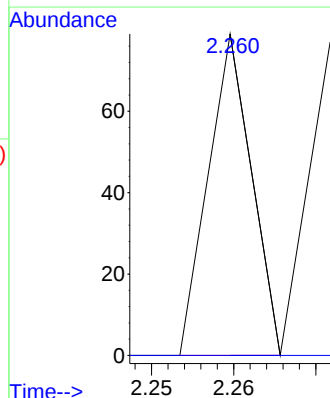
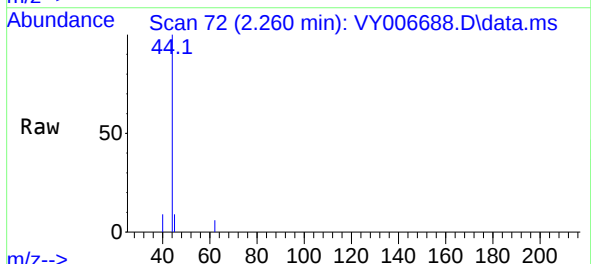


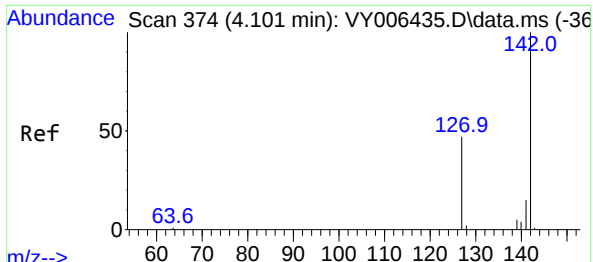
Tgt Ion:168 Resp: 1468
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#4
Vinyl Chloride
Concen: 1.418 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 62 Resp: 29
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



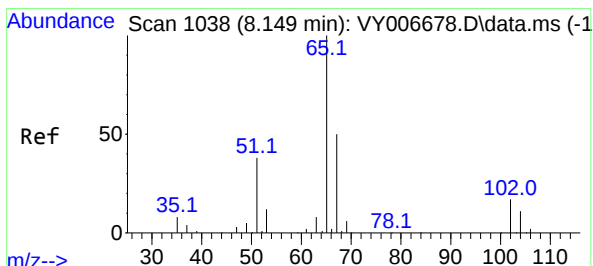
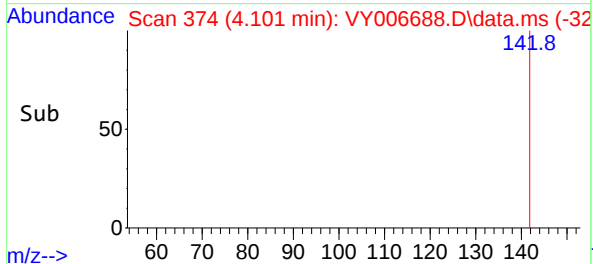
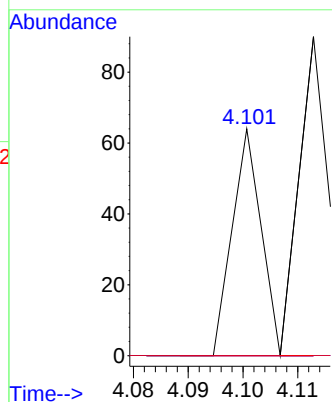
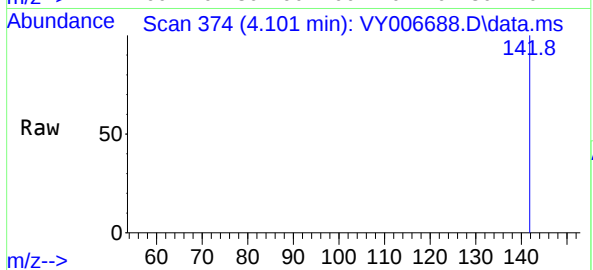


#10
Methyl Iodide
Concen: 6.489 ug/l
RT: 4.101 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:142 Resp: 23

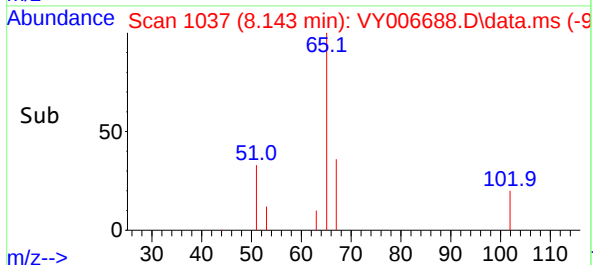
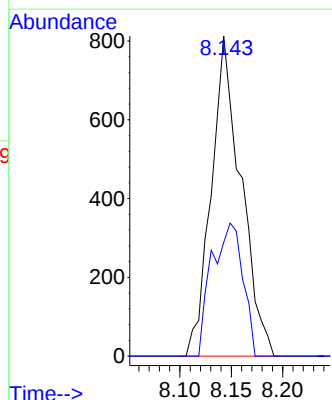
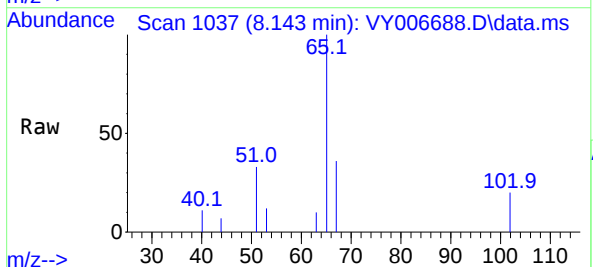
Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.1	60.1#
141	0.0	12.5	18.7#

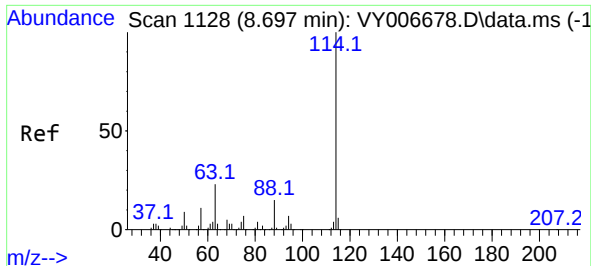


#33
1,2-Dichloroethane-d4
Concen: 90.342 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 65 Resp: 1632

Ion	Ratio	Lower	Upper
65	100		
67	43.4	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006688.D

Acq: 08 Nov 2021 18:17

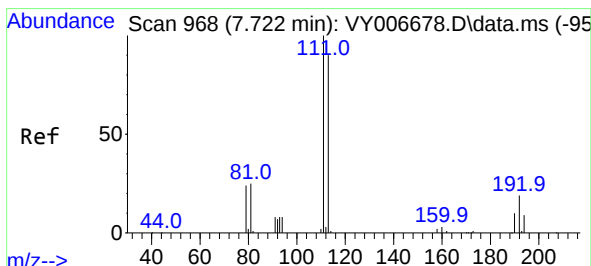
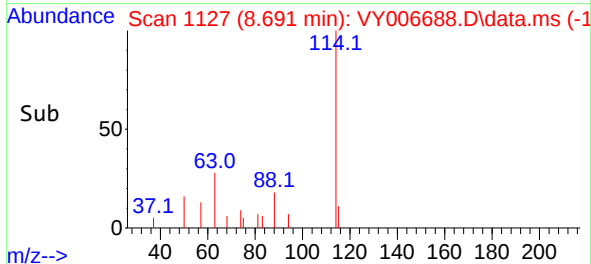
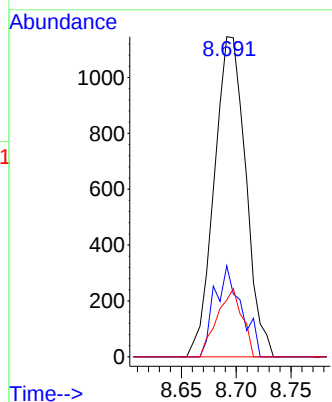
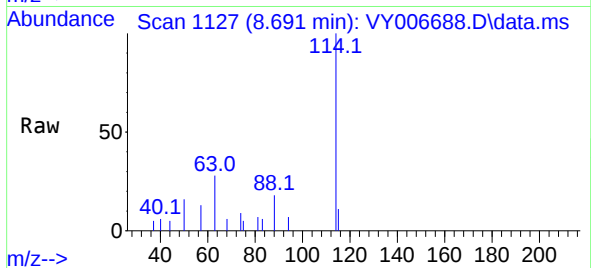
Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion:114	Resp:	2288
Ion	Ratio	Lower Upper
114	100	
63	28.4	0.0 45.0
88	17.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 10.272 ug/l

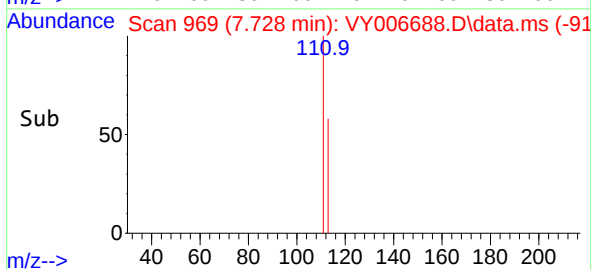
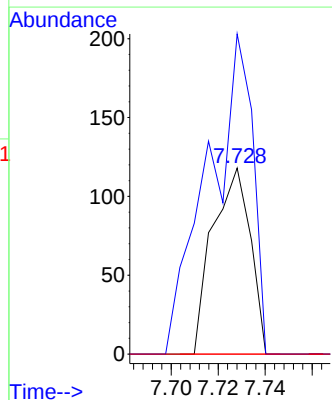
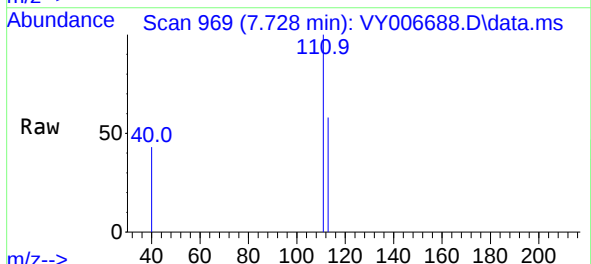
RT: 7.728 min Scan# 969

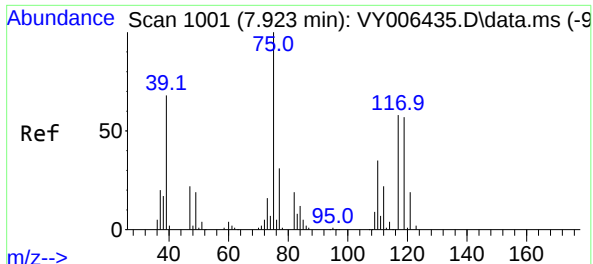
Delta R.T. 0.006 min

Lab File: VY006688.D

Acq: 08 Nov 2021 18:17

Tgt Ion:113	Resp:	131
Ion	Ratio	Lower Upper
113	100	
111	203.1	82.3 123.5#
192	0.0	17.4 26.2#

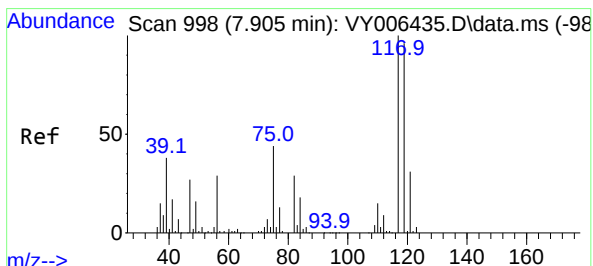
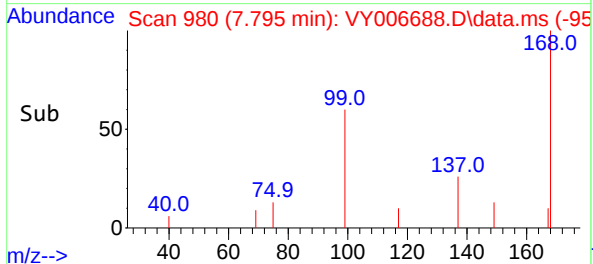
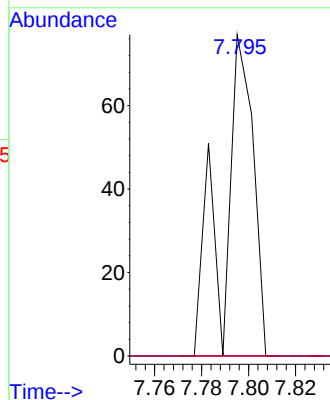
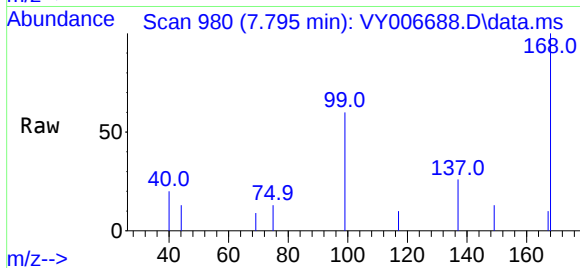




#36
1,1-Dichloropropene
Concen: 3.008 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

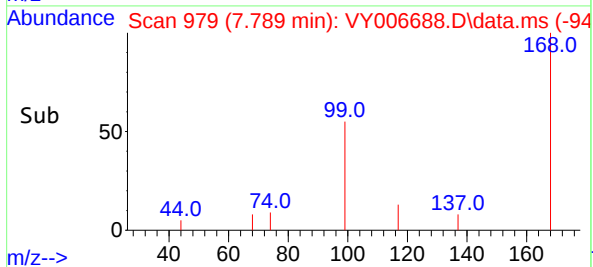
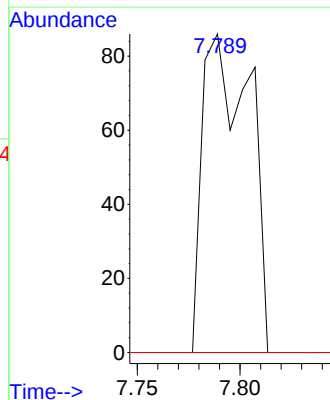
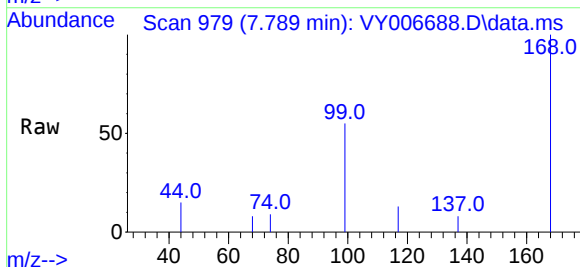
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

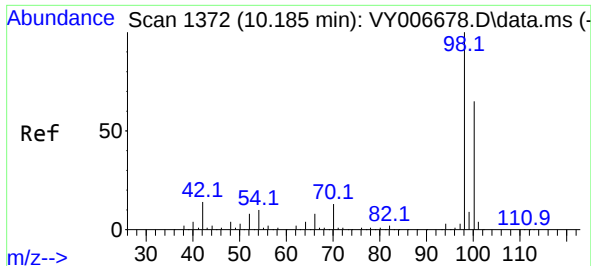
Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 117 Resp: 136
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

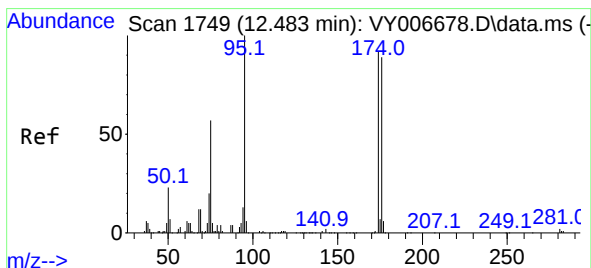
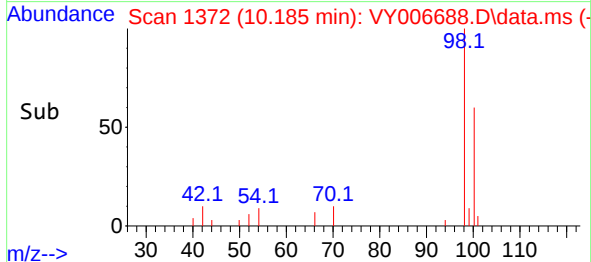
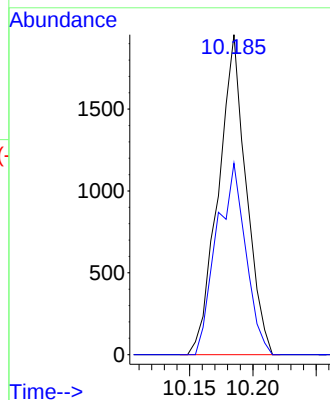
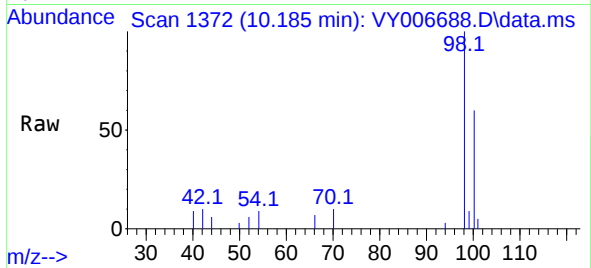




#50
Toluene-d8
Concen: 55.290 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

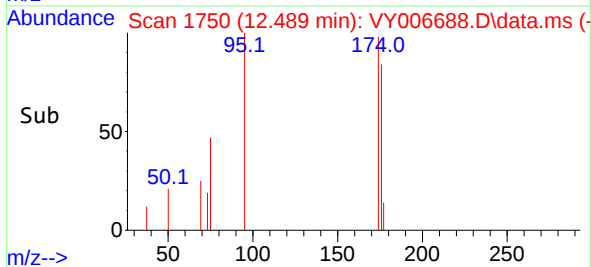
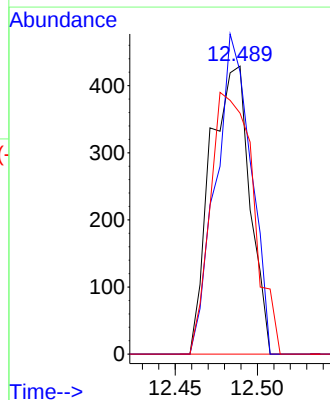
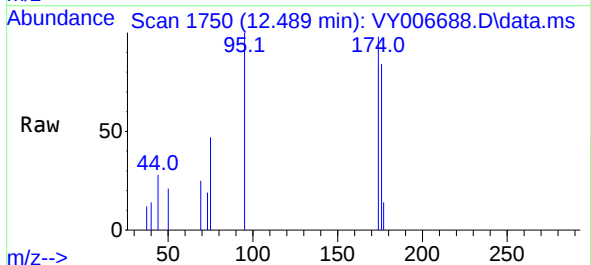
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

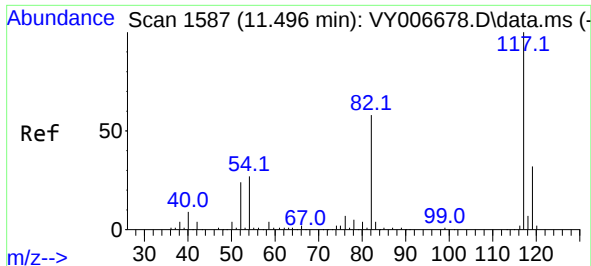
Tgt Ion: 98 Resp: 2989
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.372 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 95 Resp: 717
Ion Ratio Lower Upper
95 100
174 98.7 0.0 177.0
176 98.6 0.0 169.4

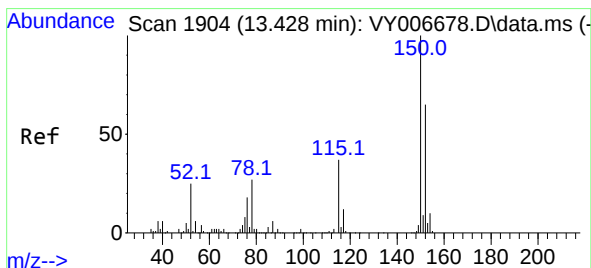
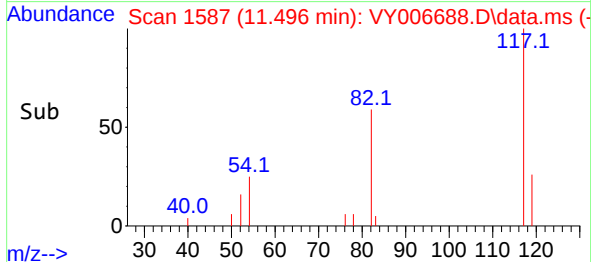
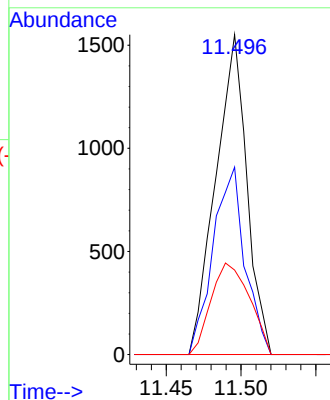
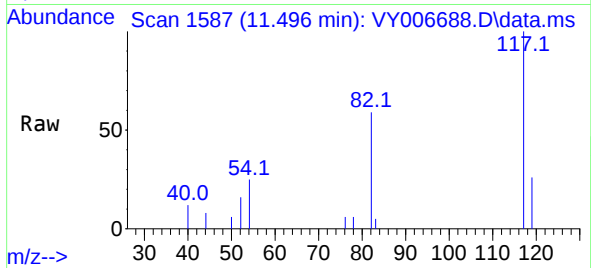




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

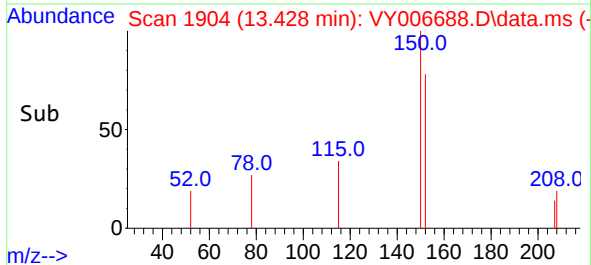
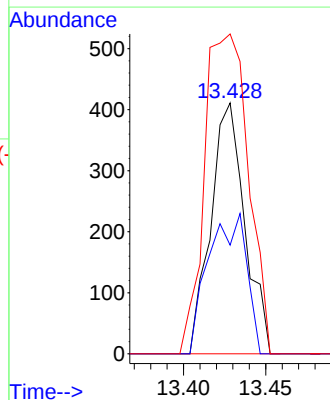
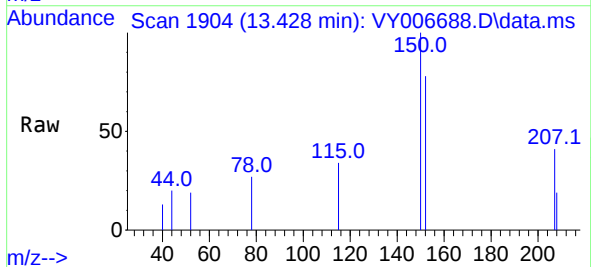
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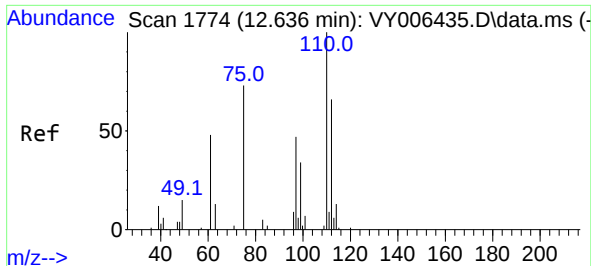
Tgt Ion:	117	Resp:	2246
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.7	68.5
119	26.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion:	152	Resp:	592
Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.5	85.5
150	164.4	0.0	348.2

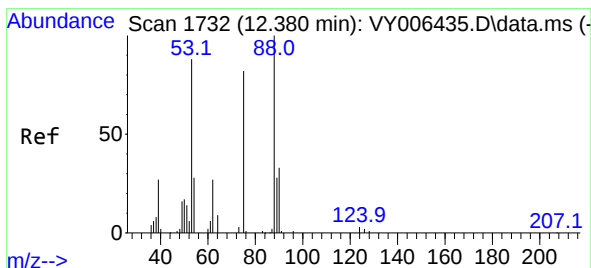
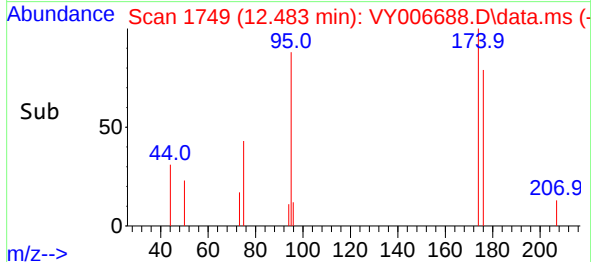
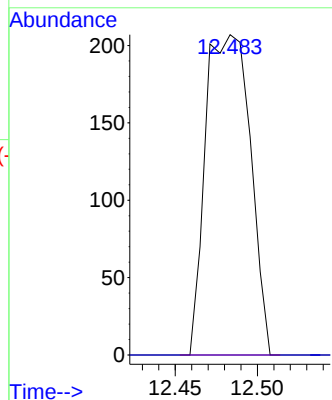
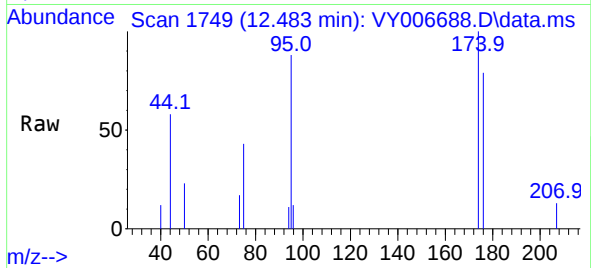




#76
1,2,3-Trichloropropane
Concen: 64.094 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 131.583 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006688.D
Acq: 08 Nov 2021 18:17

Tgt Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

