

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011715.D
 Acq On : 06 Dec 2022 13:53
 Operator : KP/MD
 Sample : N5884-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-120522RE

Quant Time: Dec 06 23:45:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

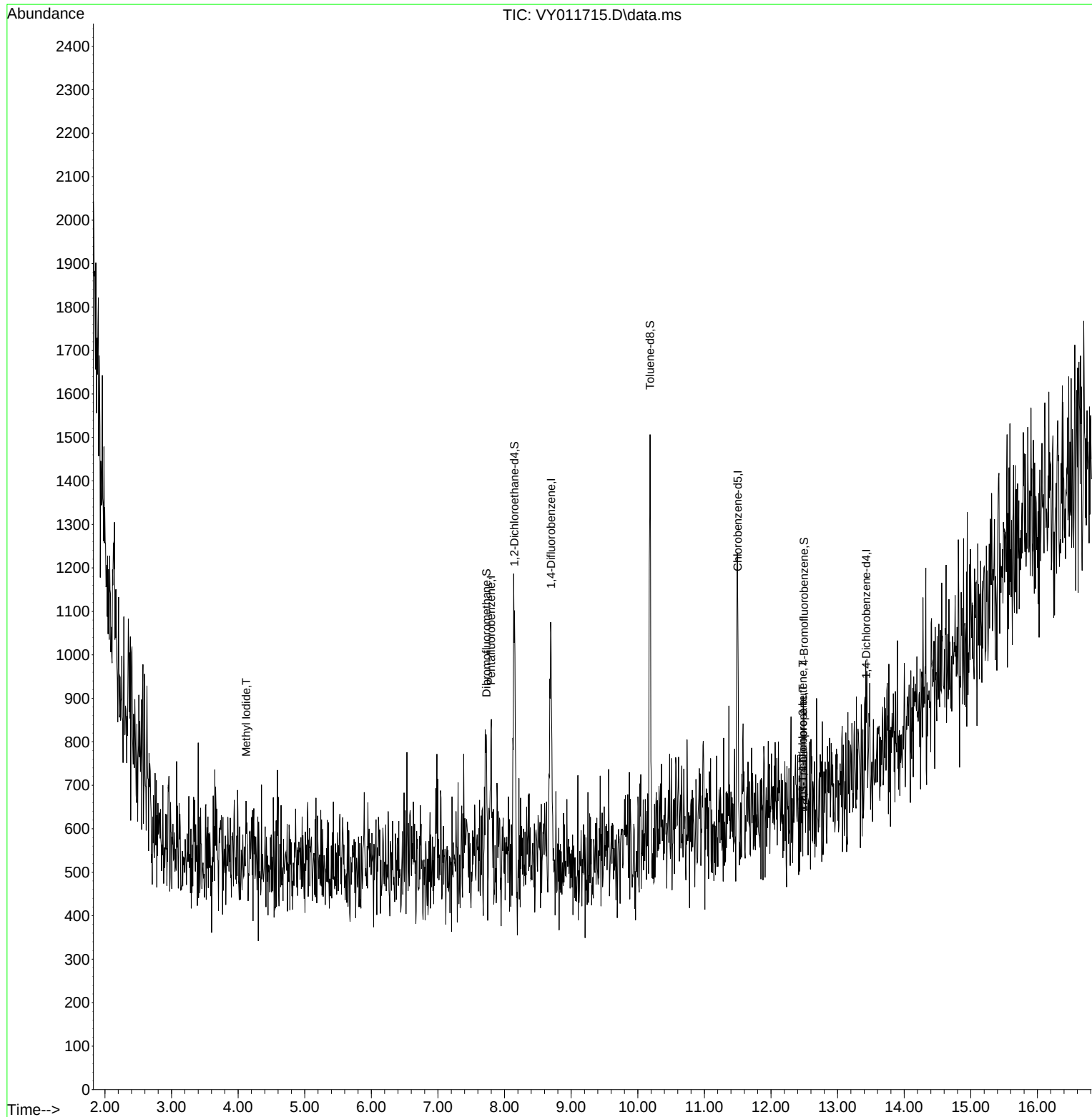
Internal Standards						
1) Pentafluorobenzene	7.795	168	444	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	522	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	604	133.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 267.940%#	
35) Dibromofluoromethane	7.728	113	234	46.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.620%	
50) Toluene-d8	10.185	98	800	44.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.080%	
62) 4-Bromofluorobenzene	12.496	95	72	10.721	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 21.440%#	
Target Compounds						Qvalue
10) Methyl Iodide	4.119	142	129	25.994	ug/l	# 35
76) 1,2,3-Trichloropropane	12.477	75	45	36.654	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	45	80.284	ug/l	# 7

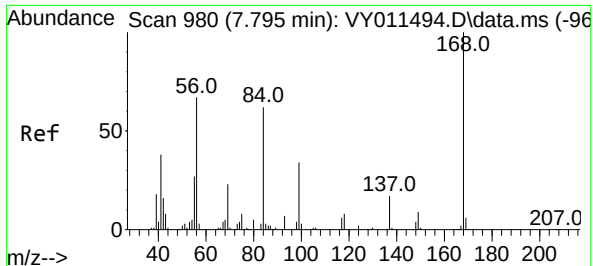
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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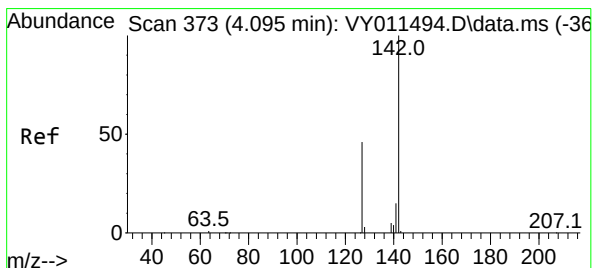
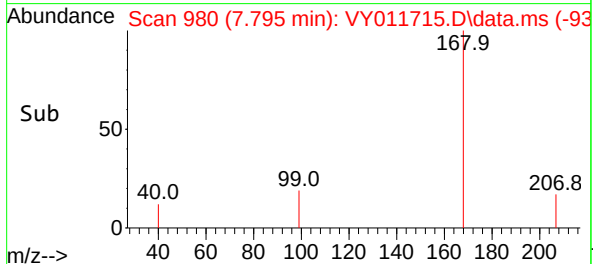
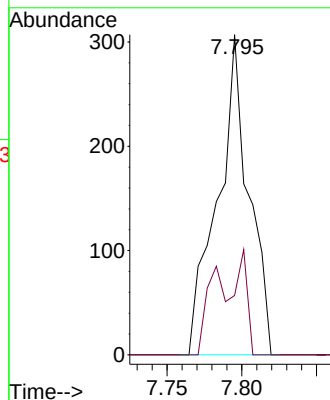
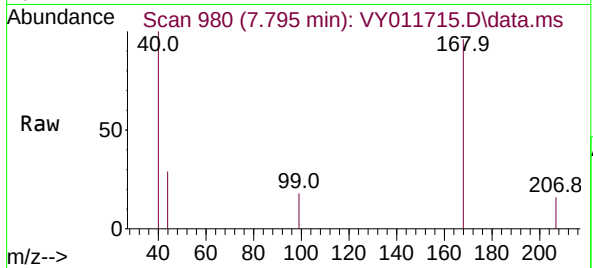




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

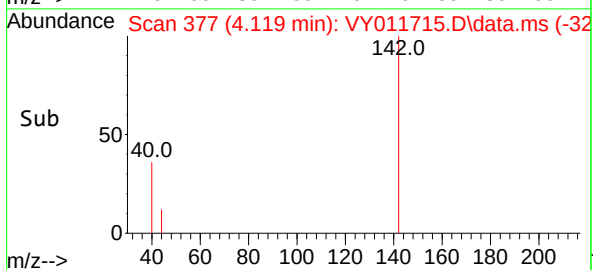
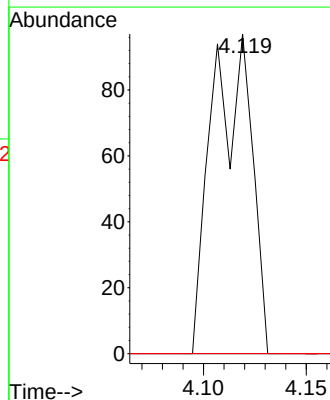
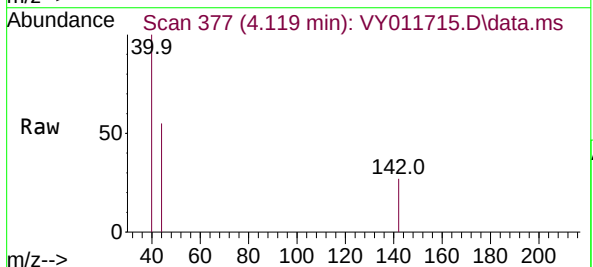
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522RE

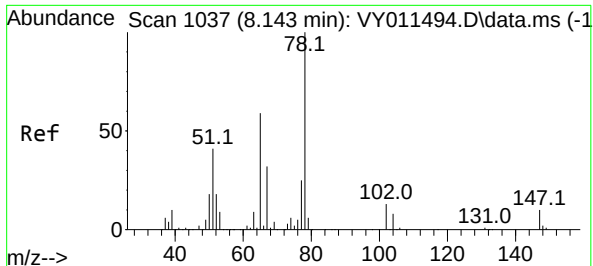
Tgt Ion:168 Resp: 444
Ion Ratio Lower Upper
168 100
99 18.6 46.9 70.3#



#10
Methyl Iodide
Concen: 25.994 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.024 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

Tgt Ion:142 Resp: 129
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#33

1,2-Dichloroethane-d4

Concen: 133.973 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY011715.D

Acq: 06 Dec 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

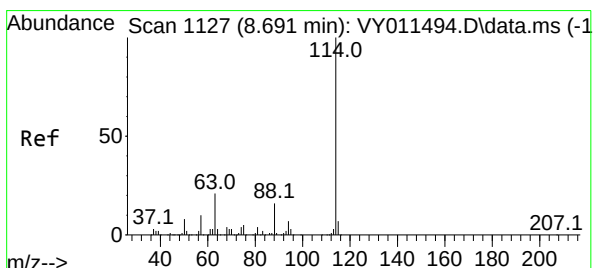
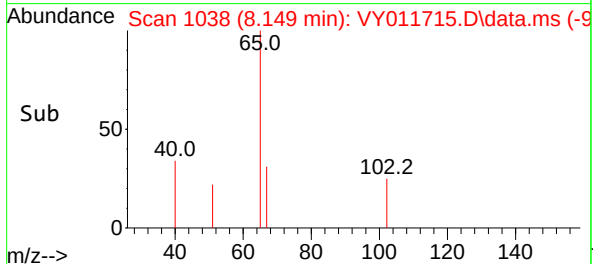
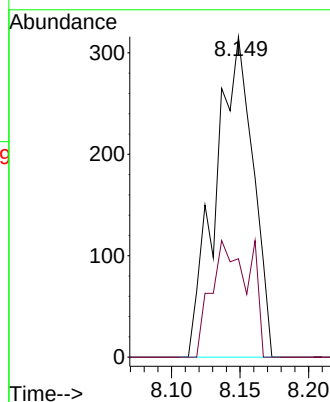
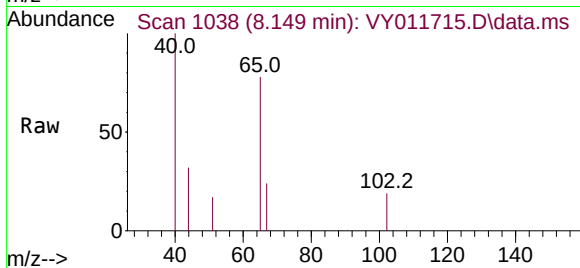
EO-3-120522RE

Tgt Ion: 65 Resp: 604

Ion Ratio Lower Upper

65 100

67 36.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY011715.D

Acq: 06 Dec 2022 13:53

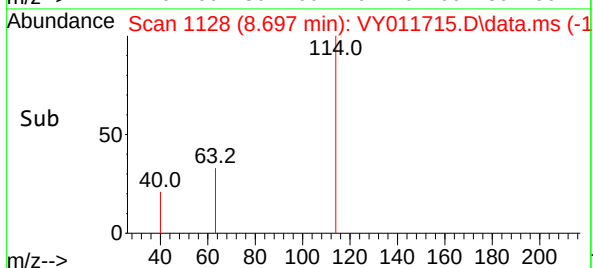
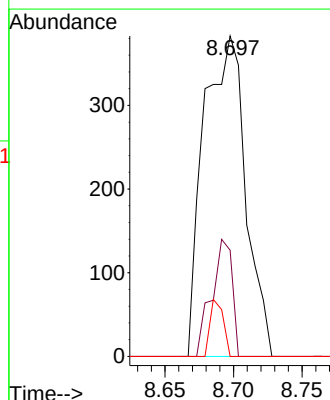
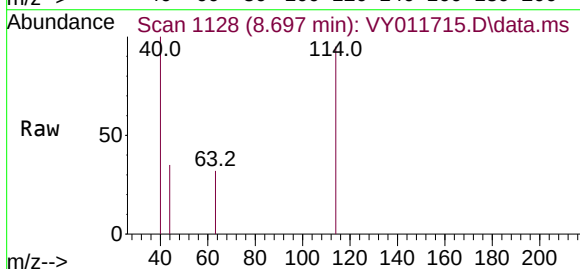
Tgt Ion: 114 Resp: 812

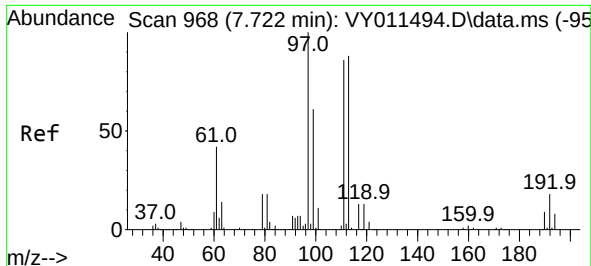
Ion Ratio Lower Upper

114 100

63 33.2 0.0 43.2

88 0.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.813 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011715.D

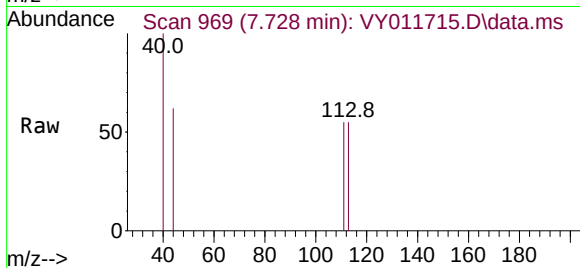
Acq: 06 Dec 2022 13:53

Instrument :

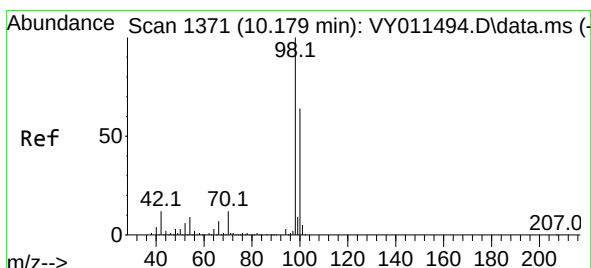
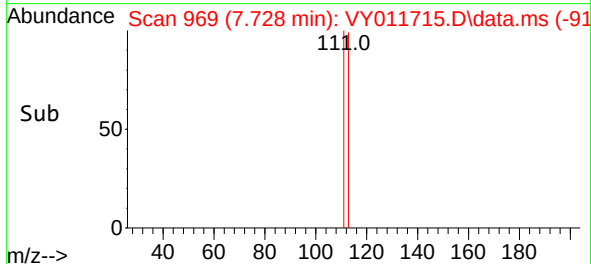
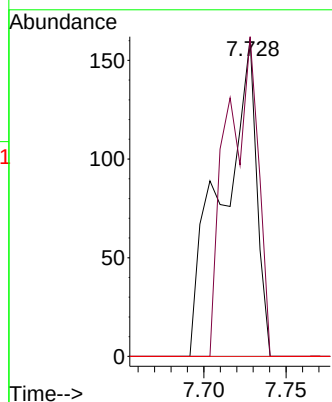
MSVOA_Y

ClientSampleId :

EO-3-120522RE



Tgt Ion:	113	Resp:	234
Ion	Ratio	Lower	Upper
113	100		
111	91.5	82.6	124.0
192	0.0	17.6	26.4



#50

Toluene-d8

Concen: 44.042 ug/l

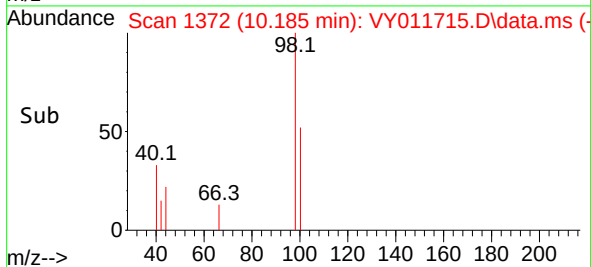
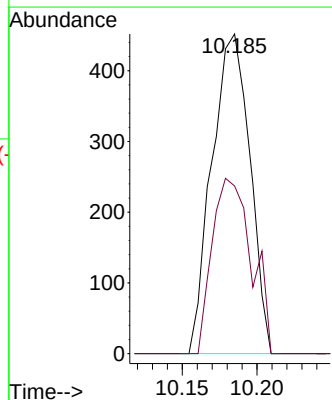
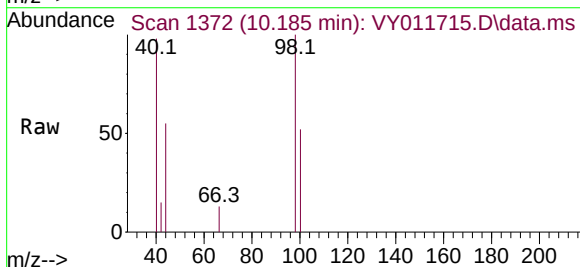
RT: 10.185 min Scan# 1372

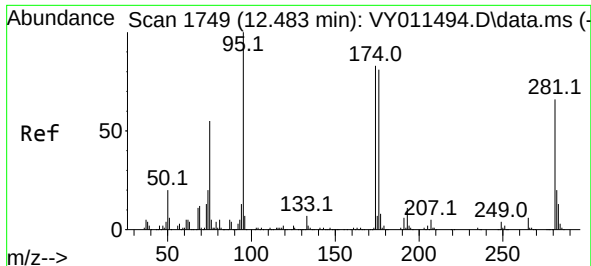
Delta R.T. 0.006 min

Lab File: VY011715.D

Acq: 06 Dec 2022 13:53

Tgt Ion:	98	Resp:	800
Ion	Ratio	Lower	Upper
98	100		
100	56.5	50.2	75.2

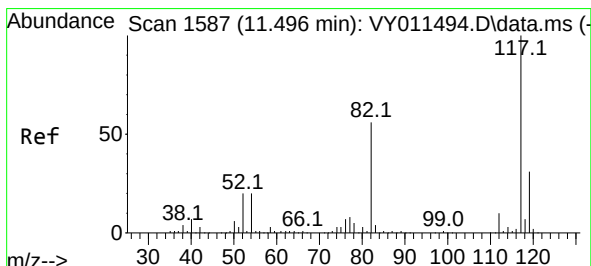
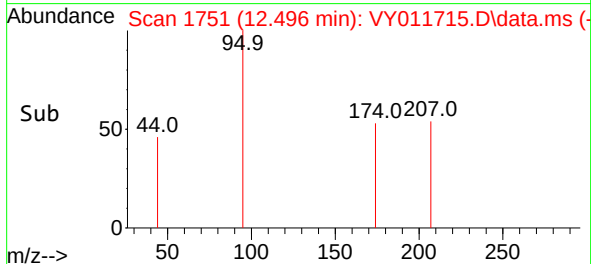
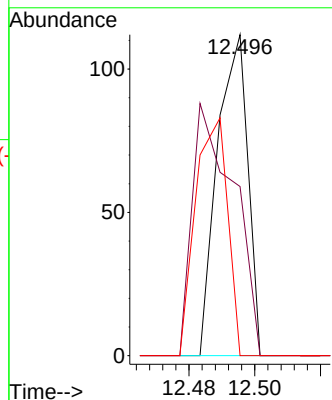
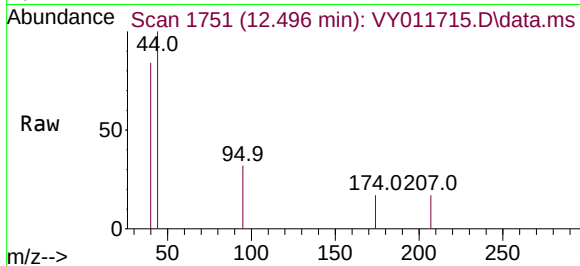




#62
4-Bromofluorobenzene
Concen: 10.721 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.013 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

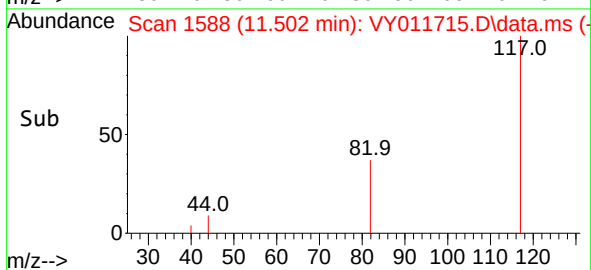
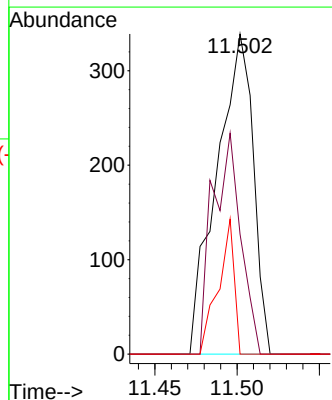
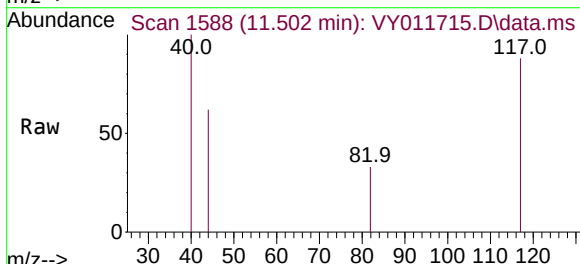
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522RE

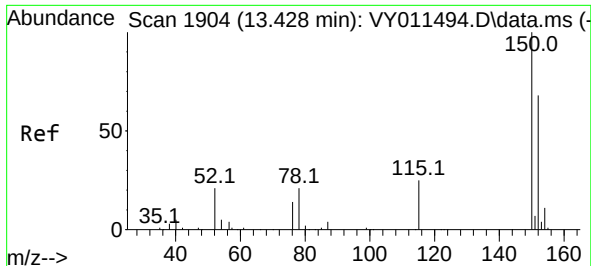
Tgt Ion:	95	Resp:	72
Ion	Ratio	Lower	Upper
95	100		
174	106.9	0.0	177.0
176	77.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY011715.D
Acq: 06 Dec 2022 13:53

Tgt Ion:	117	Resp:	522
Ion	Ratio	Lower	Upper
117	100		
82	37.5	43.0	64.4#
119	0.0	25.4	38.0#

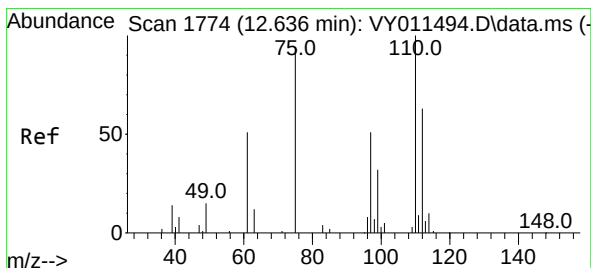
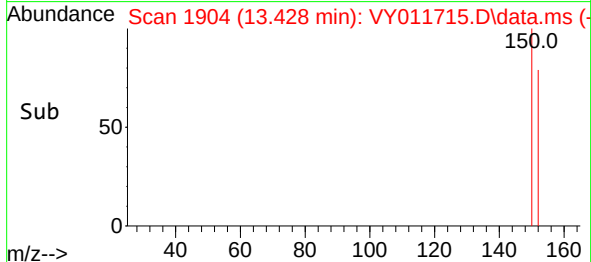
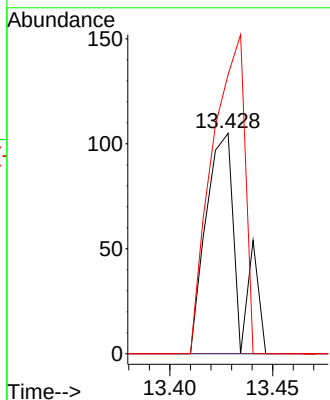
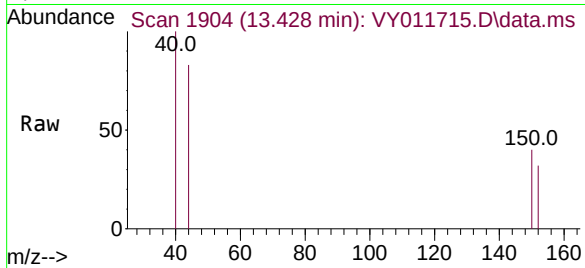




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011715.D
 Acq: 06 Dec 2022 13:53

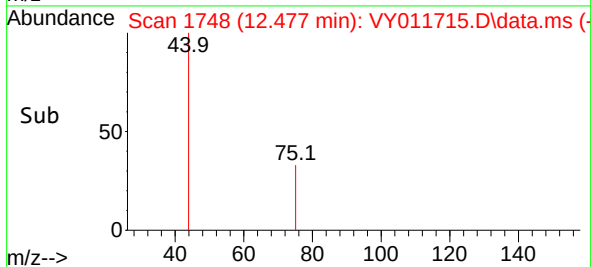
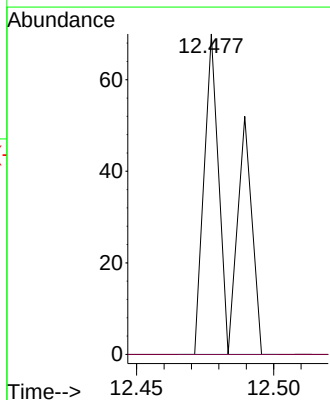
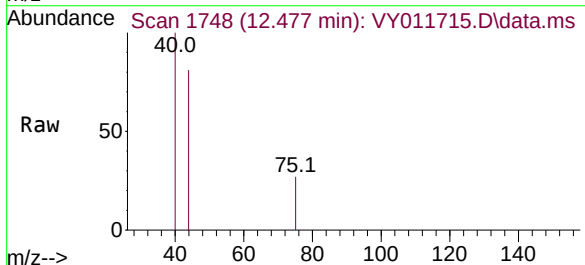
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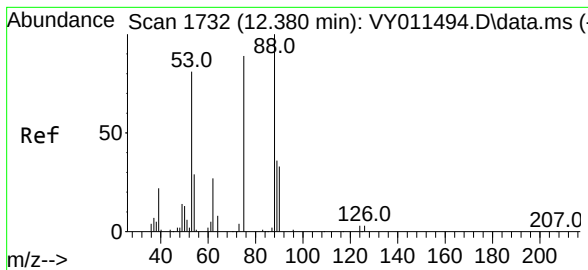
Tgt Ion:152 Resp: 114
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.2 84.7#
 150 147.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 36.654 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY011715.D
 Acq: 06 Dec 2022 13:53

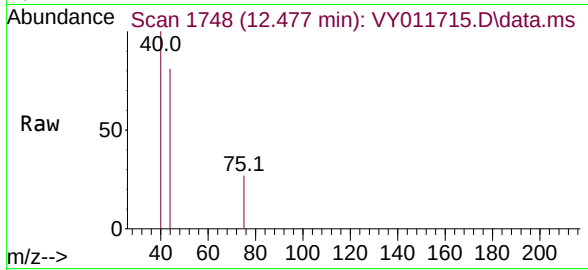
Tgt Ion: 75 Resp: 45
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.284 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011715.D
 Acq: 06 Dec 2022 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-120522RE



Tgt Ion:	75	Resp:	45
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

