

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011750.D
 Acq On : 09 Dec 2022 18:03
 Operator : KP/MD
 Sample : N5943-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RM-301

Quant Time: Dec 10 03:56:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

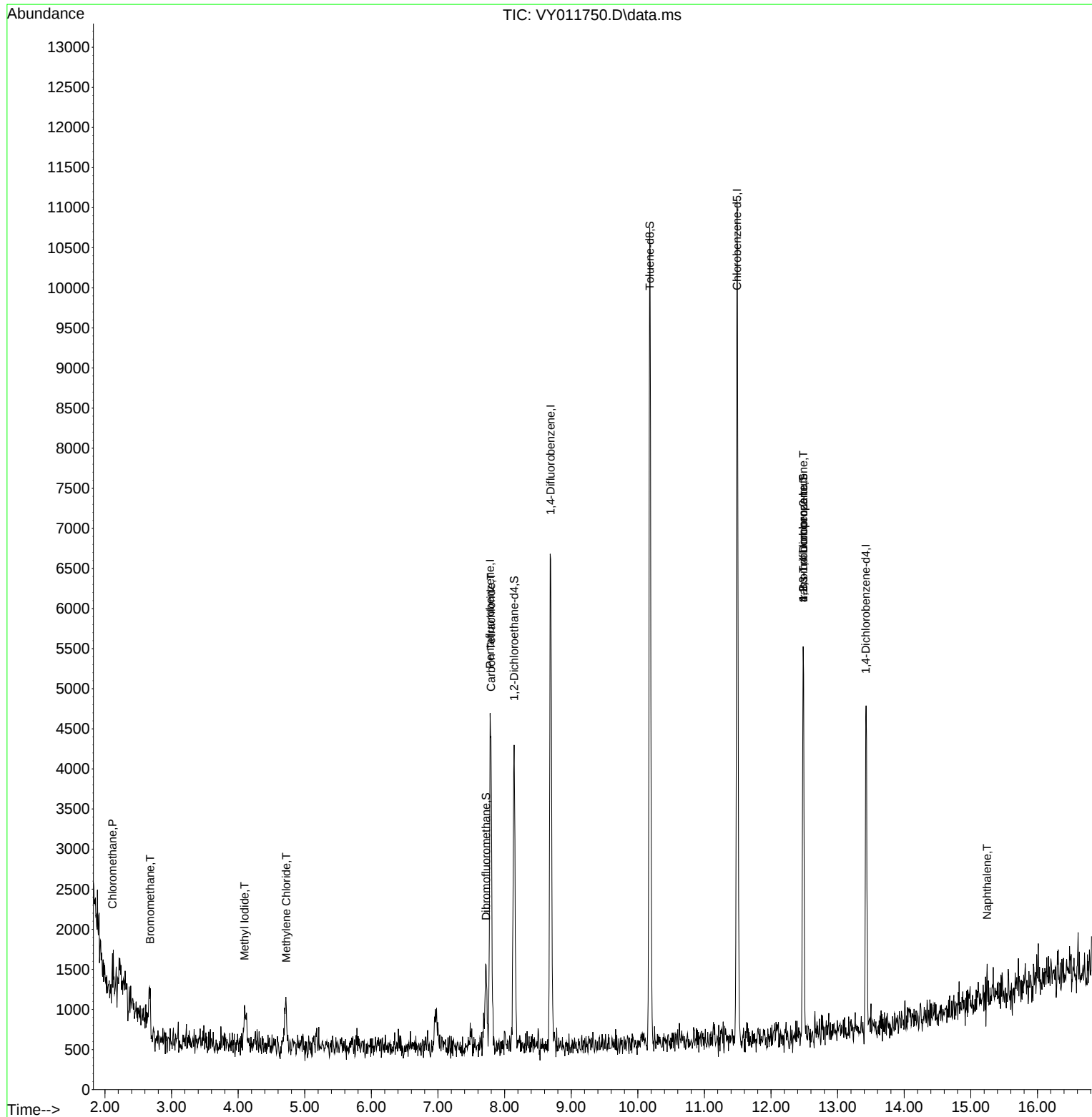
Internal Standards						
1) Pentafluorobenzene	7.783	168	3556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3024	132.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 265.060%#	
35) Dibromofluoromethane	7.722	113	929	33.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.120%	
50) Toluene-d8	10.179	98	7410	88.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 177.580%#	
62) 4-Bromofluorobenzene	12.483	95	1968	56.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	232	8.744	ug/l #	41
5) Bromomethane	2.680	94	285	15.818	ug/l	95
10) Methyl Iodide	4.094	142	455	13.317	ug/l #	87
20) Methylene Chloride	4.722	84	453	8.194	ug/l #	59
38) Carbon Tetrachloride	7.795	117	330	6.087	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	904	66.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	904	151.991	ug/l #	13
95) Naphthalene	15.245	128	54	1.308	ug/l #	69

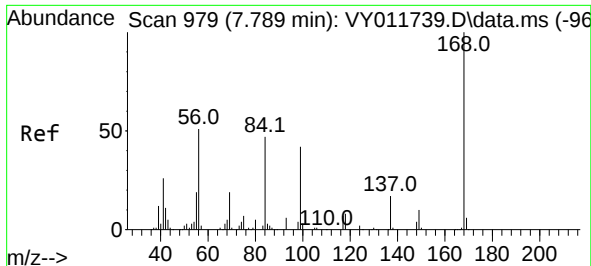
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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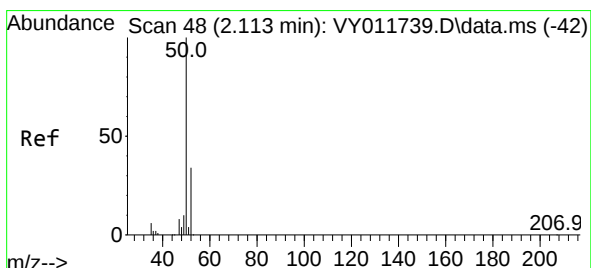
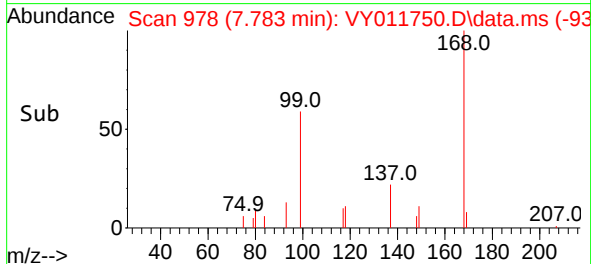
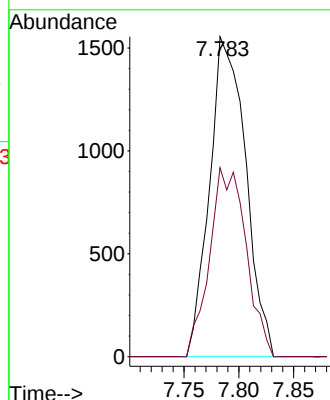
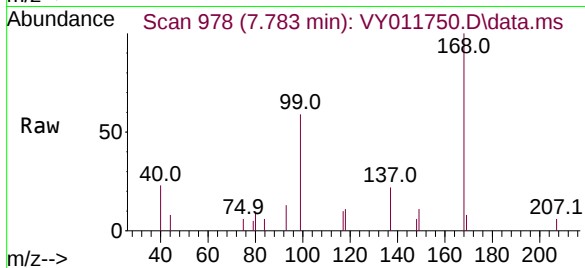




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

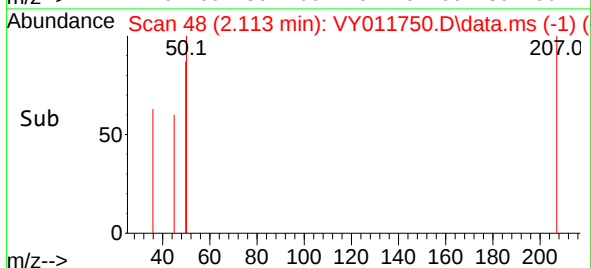
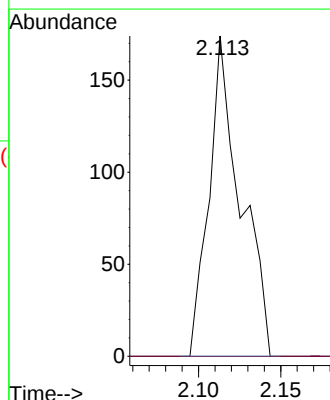
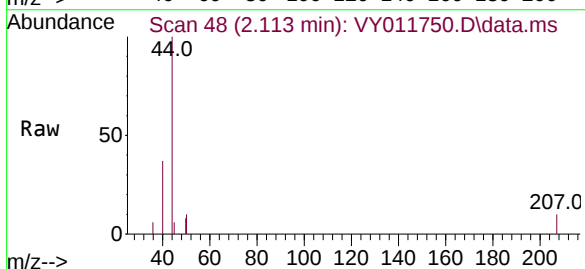
Instrument :
MSVOA_Y
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RM-301

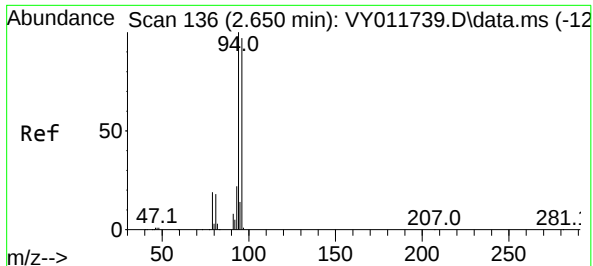
Tgt Ion:168 Resp: 3556
Ion Ratio Lower Upper
168 100
99 59.0 44.0 66.0



#3
Chloromethane
Concen: 8.744 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

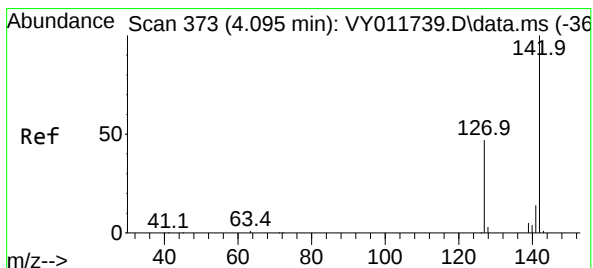
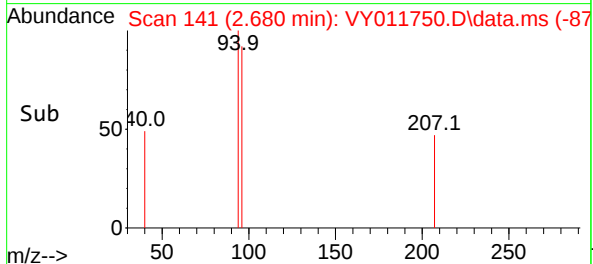
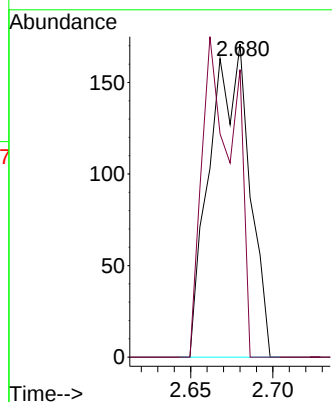
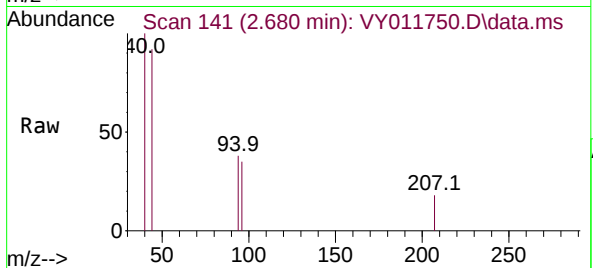




#5
Bromomethane
Concen: 15.818 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.030 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

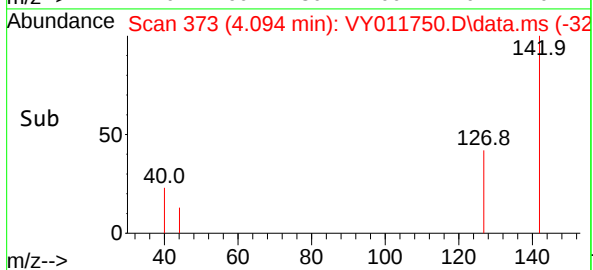
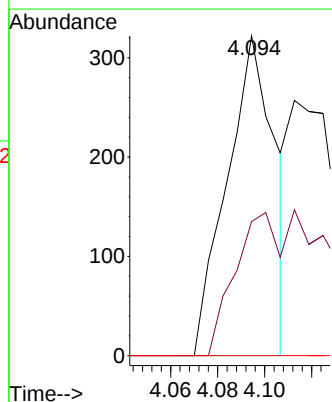
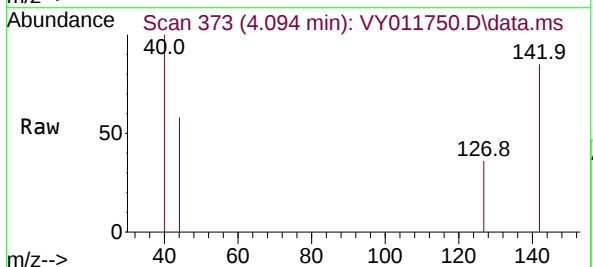
Instrument :
MSVOA_Y
ClientSampleId :
RM-301

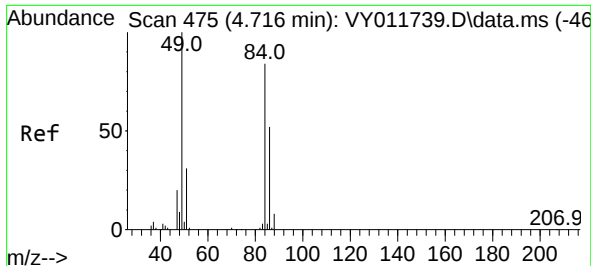
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 91.8 77.4 116.2



#10
Methyl Iodide
Concen: 13.317 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 142 Resp: 455
Ion Ratio Lower Upper
142 100
127 42.2 37.0 55.4
141 0.0 11.4 17.0#

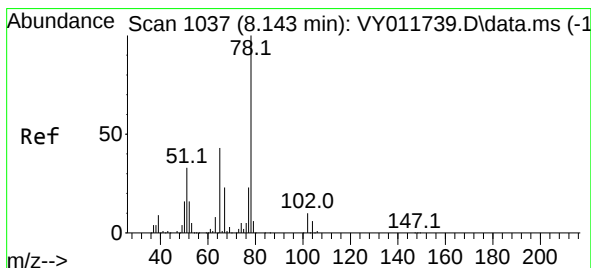
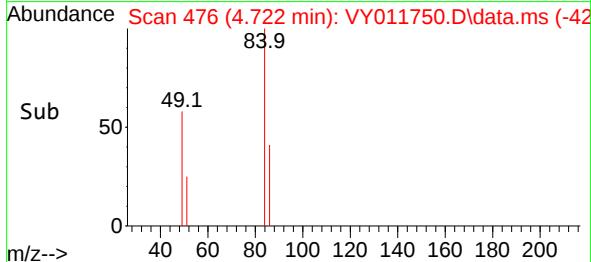
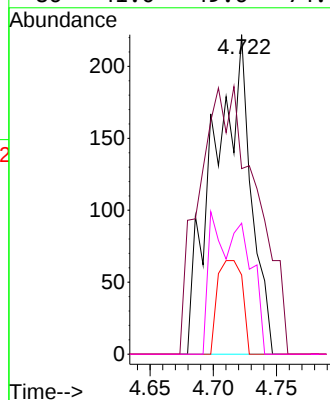
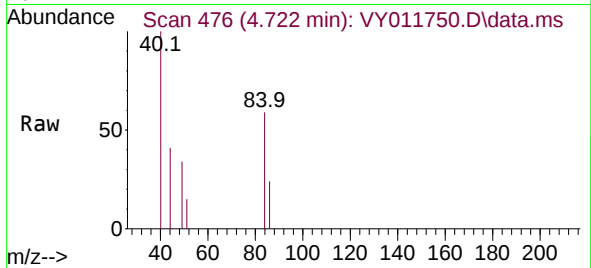




#20
Methylene Chloride
Concen: 8.194 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

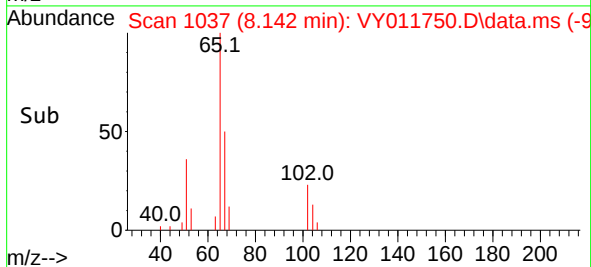
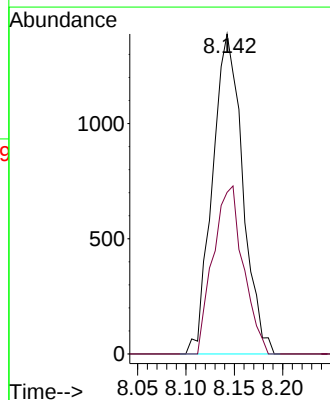
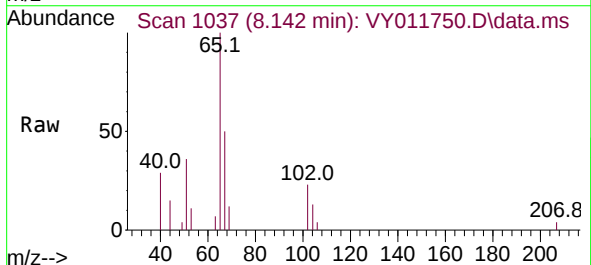
Instrument :
MSVOA_Y
ClientSampleId :
RM-301

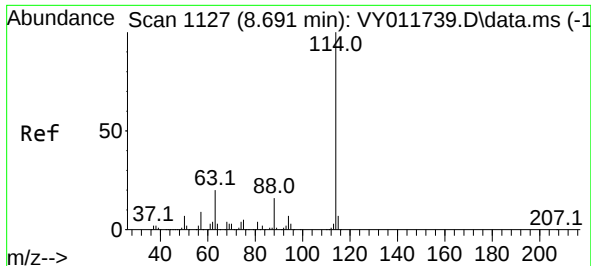
Tgt Ion: 84 Resp: 453
Ion Ratio Lower Upper
84 100
49 58.1 95.4 143.2#
51 24.8 29.9 44.9#
86 41.0 49.6 74.4#



#33
1,2-Dichloroethane-d4
Concen: 132.532 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 65 Resp: 3024
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011750.D

Acq: 09 Dec 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

RM-301

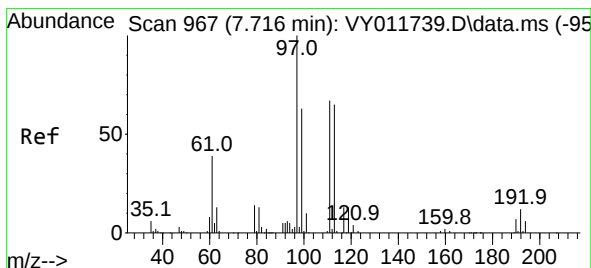
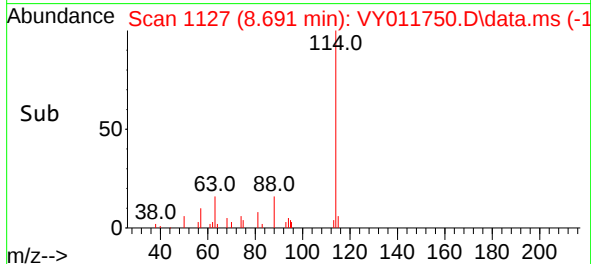
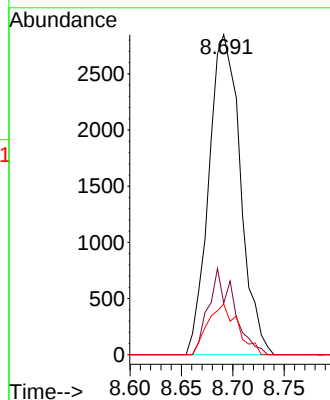
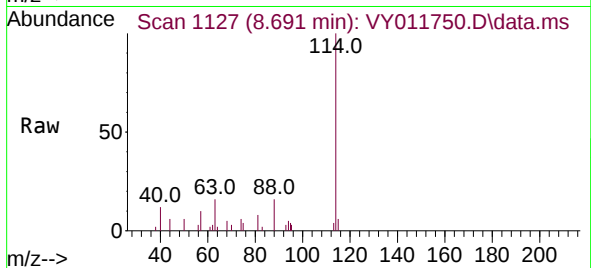
Tgt Ion:114 Resp: 6082

Ion Ratio Lower Upper

114 100

63 16.1 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 33.062 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011750.D

Acq: 09 Dec 2022 18:03

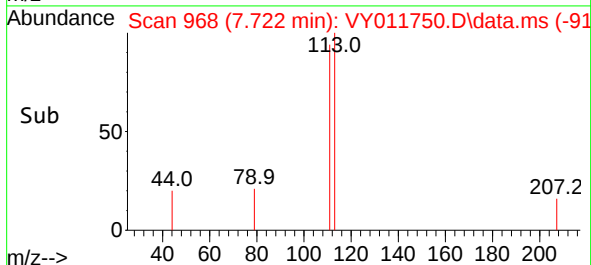
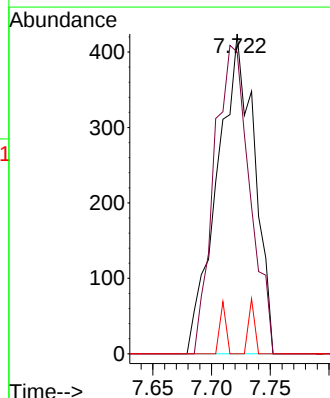
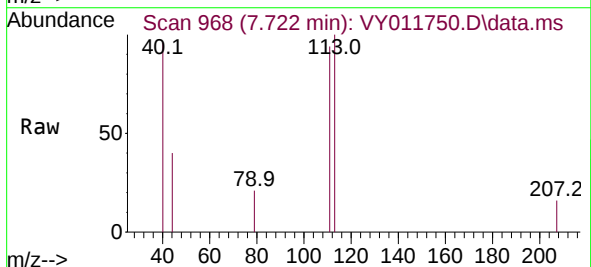
Tgt Ion:113 Resp: 929

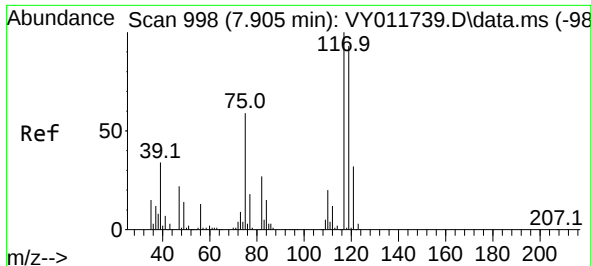
Ion Ratio Lower Upper

113 100

111 92.6 83.0 124.4

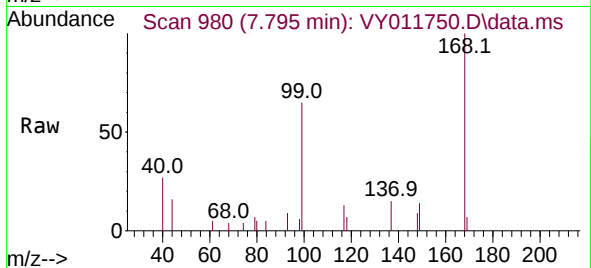
192 2.7 16.0 24.0#



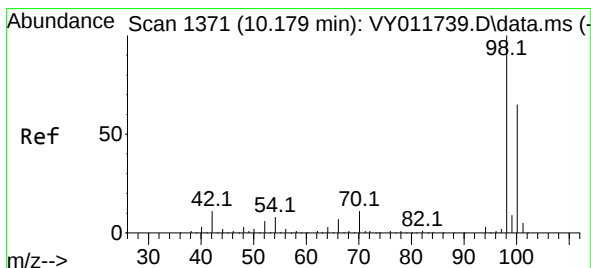
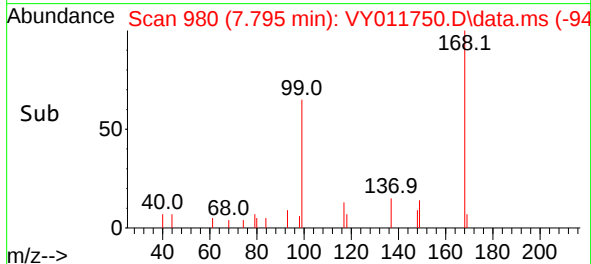
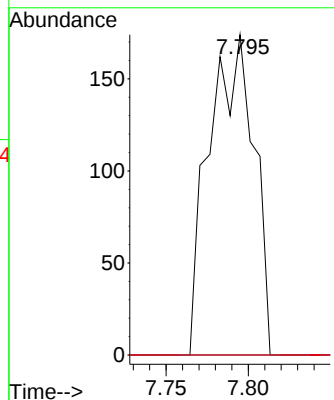


#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
RM-301

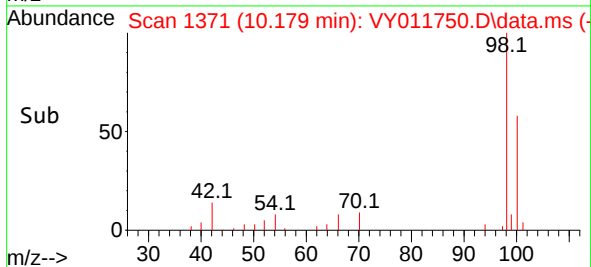
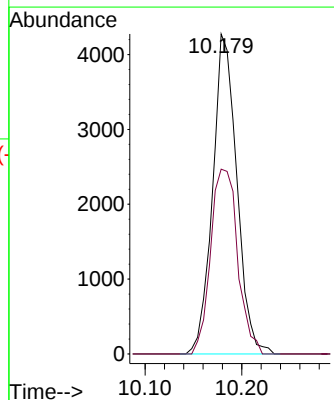
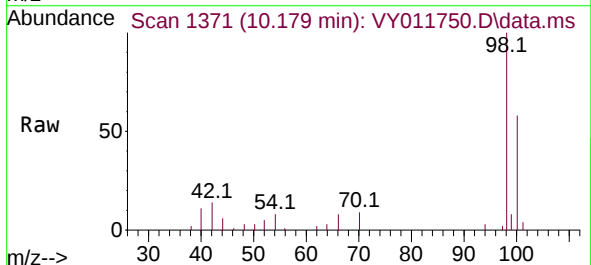


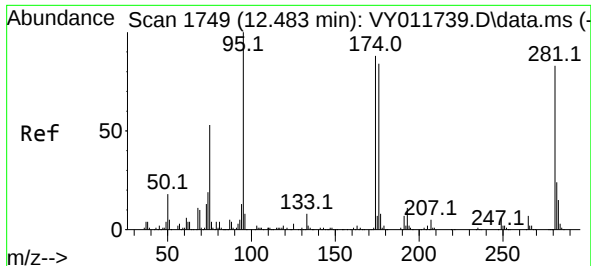
Tgt Ion:117 Resp: 330
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 88.790 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion: 98 Resp: 7410
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

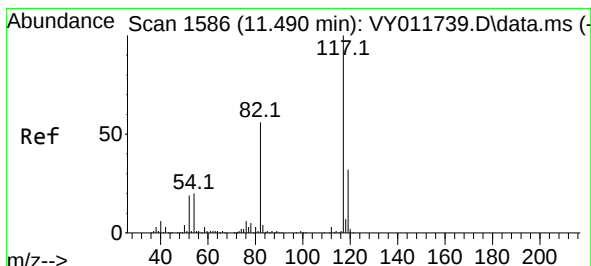
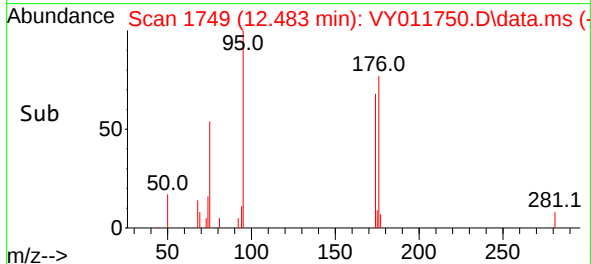
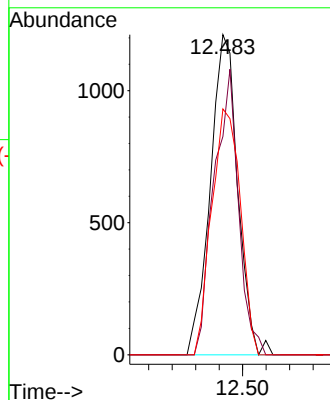
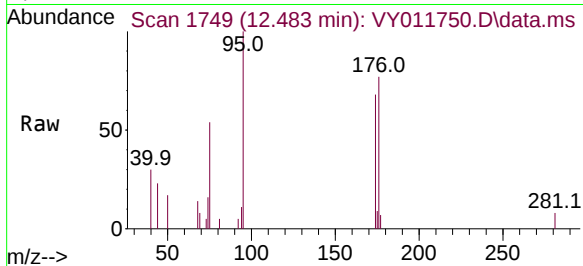




#62
4-Bromofluorobenzene
Concen: 56.395 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

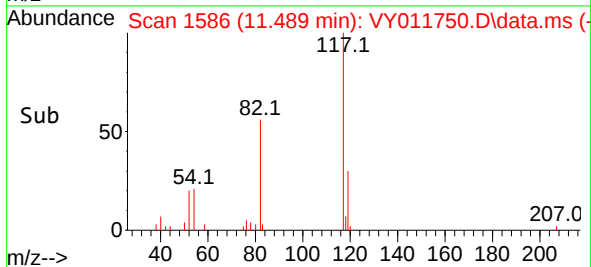
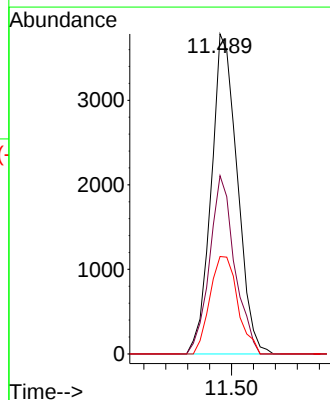
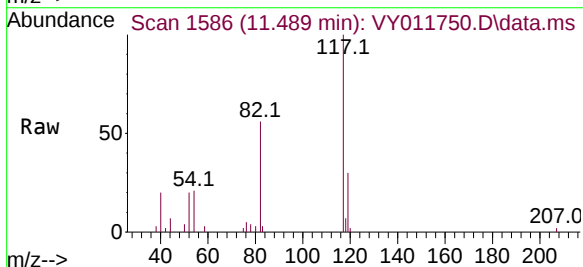
Instrument :
MSVOA_Y
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RM-301

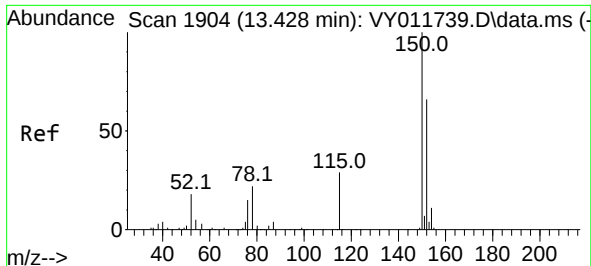
Tgt Ion:	95	Resp:	1968
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	172.0
176	80.2	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011750.D
Acq: 09 Dec 2022 18:03

Tgt Ion:	117	Resp:	6241
Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.8	67.2
119	30.5	25.4	38.2

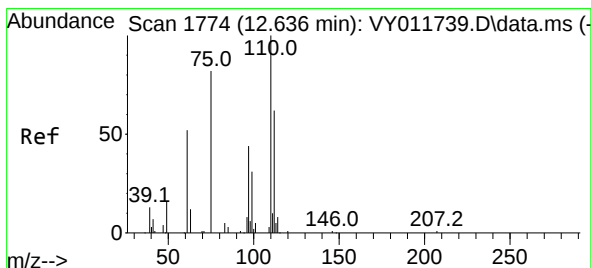
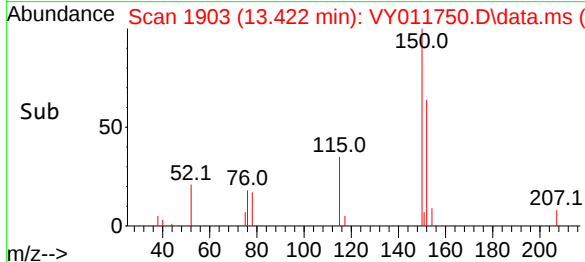
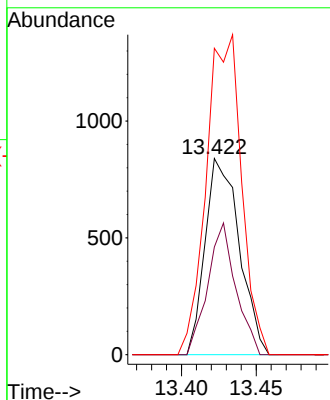
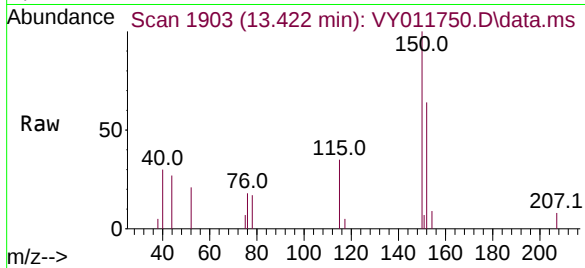




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY011750.D
 Acq: 09 Dec 2022 18:03

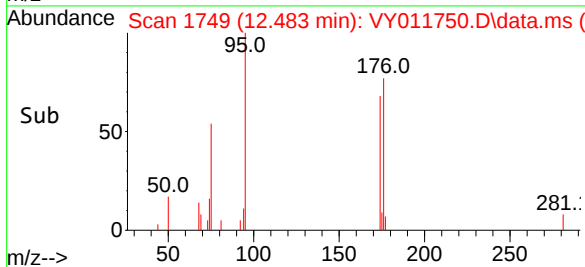
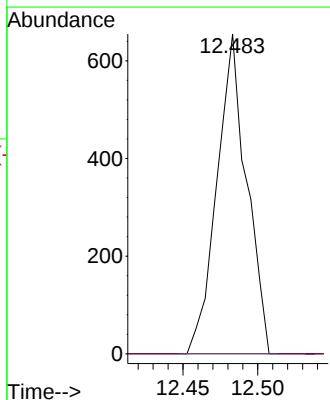
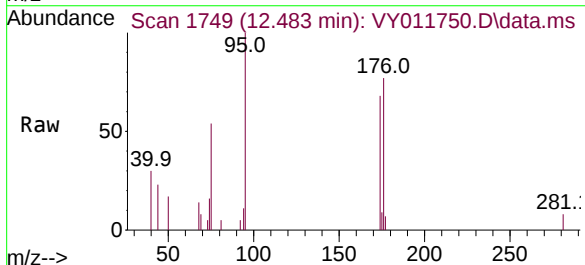
Instrument :
 MSVOA_Y
 ClientSampleId :
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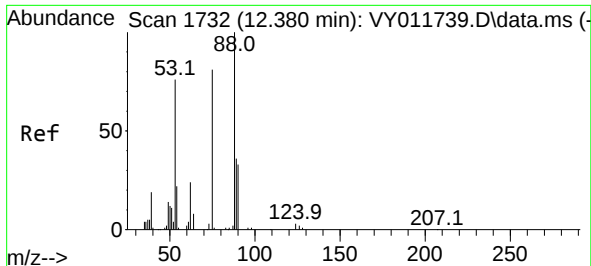
Tgt Ion:152 Resp: 1334
 Ion Ratio Lower Upper
 152 100
 115 55.1 29.1 87.3
 150 167.8 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 66.980 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011750.D
 Acq: 09 Dec 2022 18:03

Tgt Ion: 75 Resp: 904
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

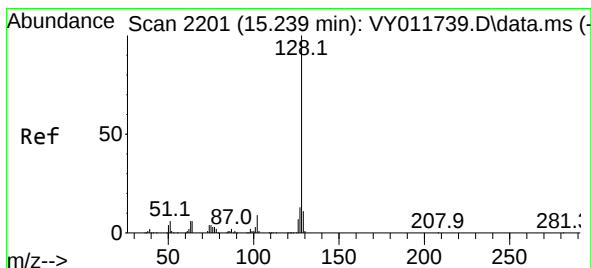
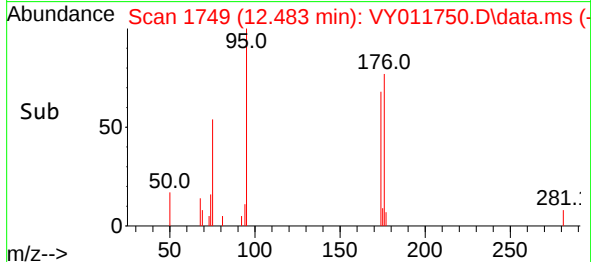
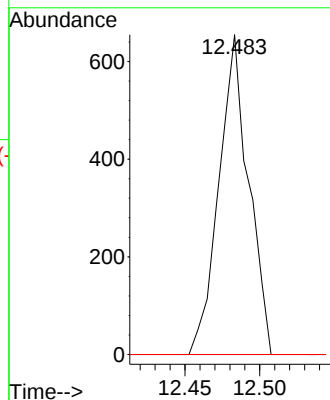
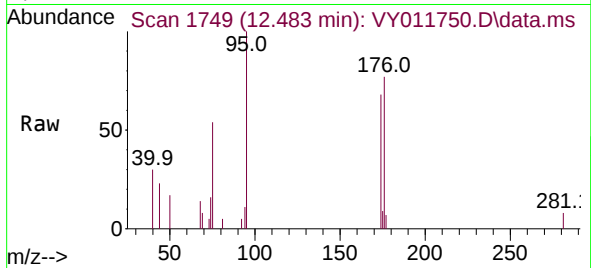




#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.991 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011750.D
 Acq: 09 Dec 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 RM-301

Tgt Ion: 75 Resp: 904
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#



#95
 Naphthalene
 Concen: 1.308 ug/l
 RT: 15.245 min Scan# 2202
 Delta R.T. 0.006 min
 Lab File: VY011750.D
 Acq: 09 Dec 2022 18:03

Tgt Ion: 128 Resp: 54
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.8 13.2#

