

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011702.D
 Acq On : 05 Dec 2022 17:26
 Operator : KP/MD
 Sample : N5870-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-3RE

Quant Time: Dec 06 00:37:36 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)

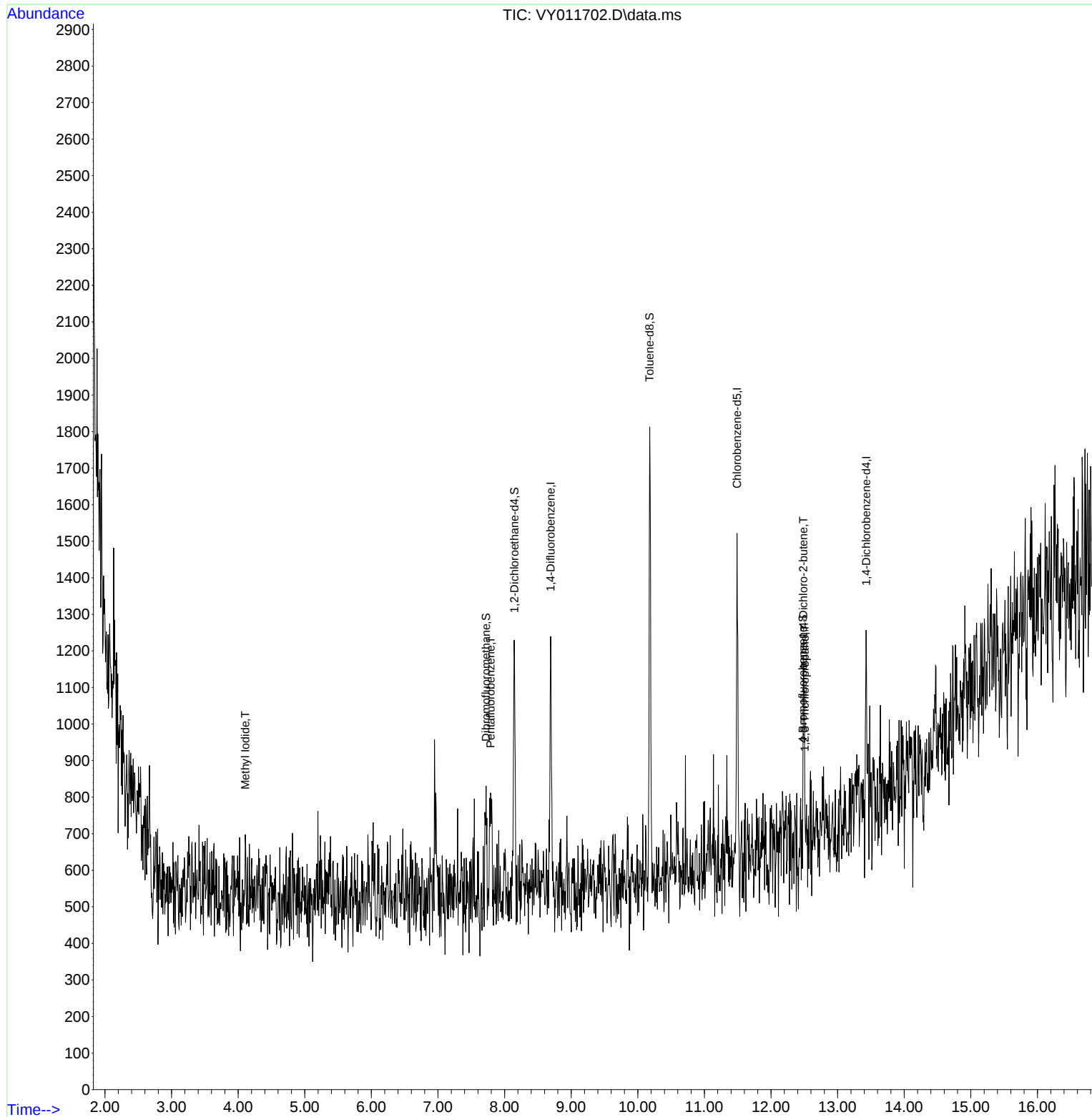
Internal Standards						
1) Pentafluorobenzene	7.789	168	439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	583	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	615	137.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	275.940%#
35) Dibromofluoromethane	7.722	113	201	32.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.340%
50) Toluene-d8	10.179	98	1054	46.420	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.840%
62) 4-Bromofluorobenzene	12.477	95	183	21.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	43.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	64	13.043	ug/l #	35
20) Methylene Chloride	4.722	84	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.508	75	41	18.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44	43.024	ug/l #	7

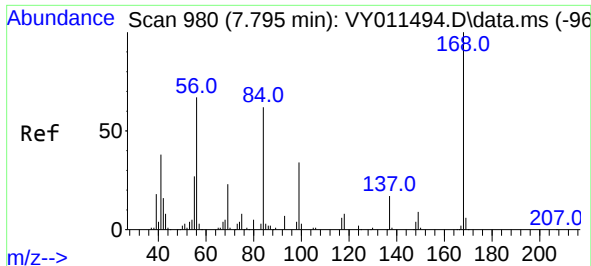
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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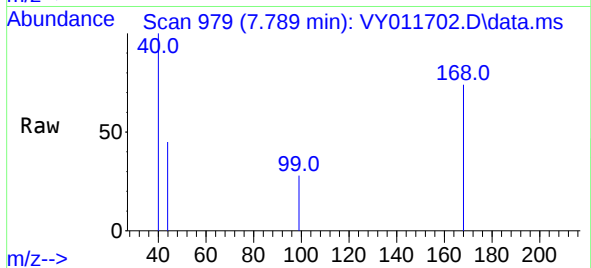
Quant Time: Dec 06 00:37:36 2022
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Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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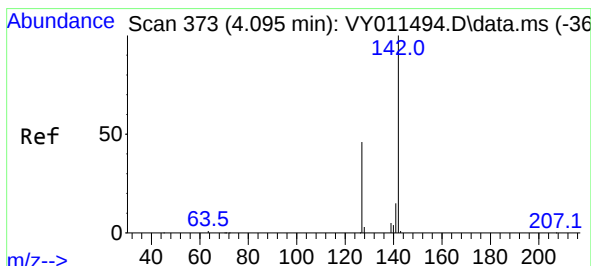
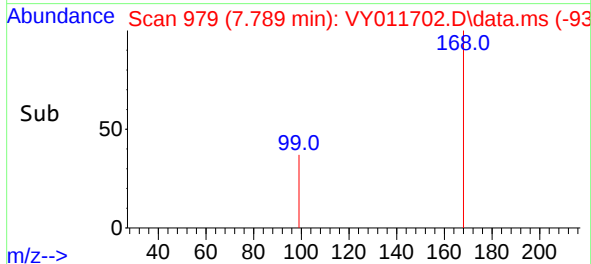
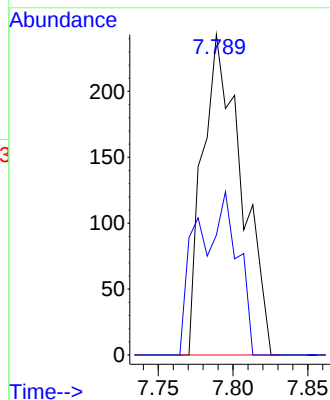


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

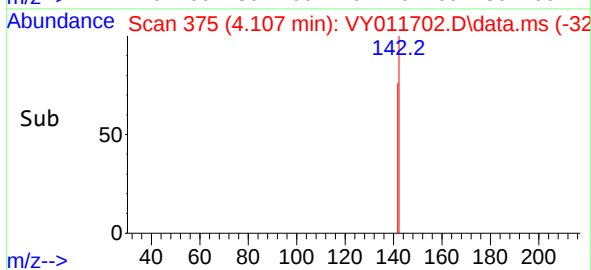
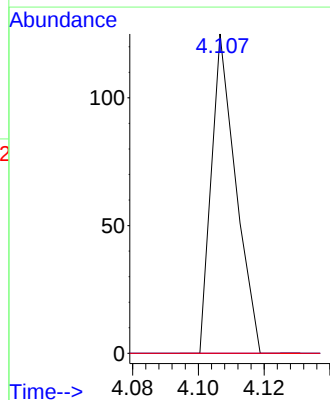
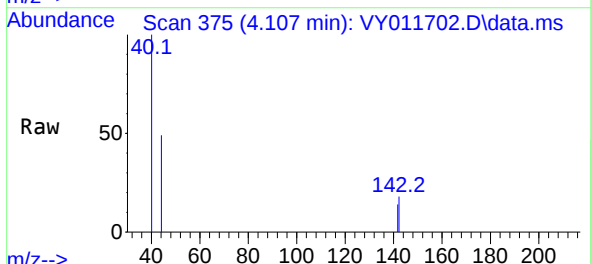


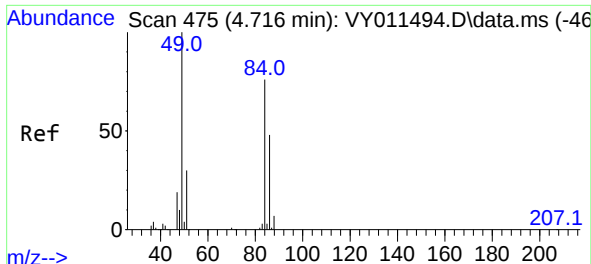
Tgt Ion:168 Resp: 439
Ion Ratio Lower Upper
168 100
99 37.4 46.9 70.3#



#10
Methyl Iodide
Concen: 13.043 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011702.D

Acq: 05 Dec 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

ML-3RE

Tgt Ion: 84 Resp: 20

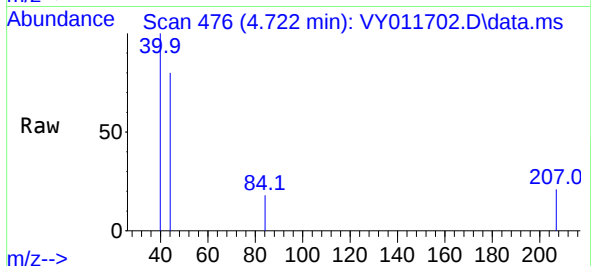
Ion Ratio Lower Upper

84 100

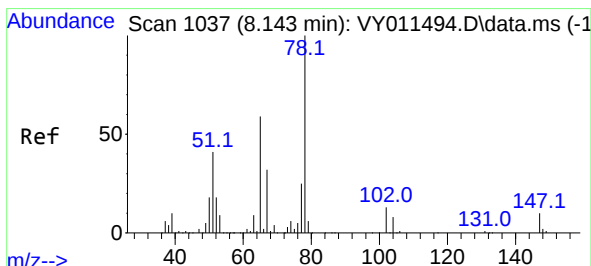
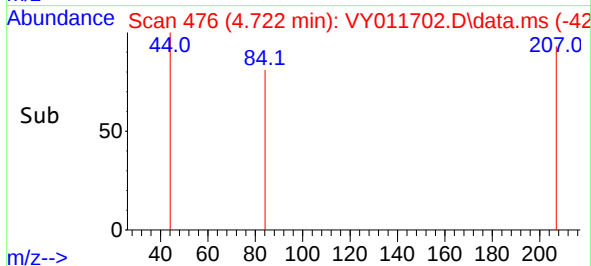
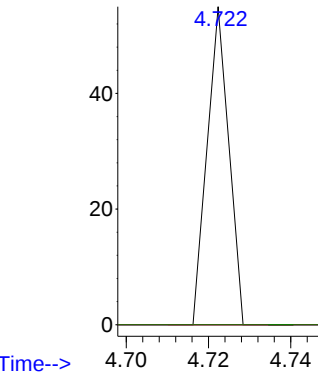
49 0.0 114.4 171.6#

51 0.0 35.3 52.9#

86 0.0 53.7 80.5#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 137.967 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY011702.D

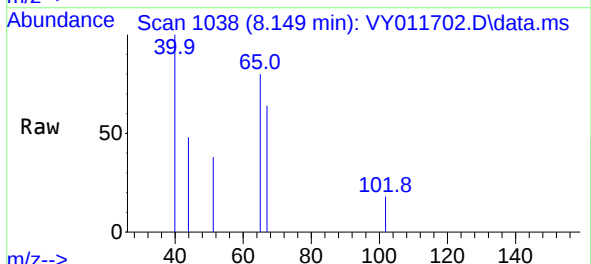
Acq: 05 Dec 2022 17:26

Tgt Ion: 65 Resp: 615

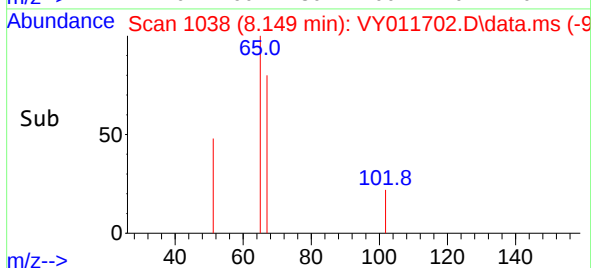
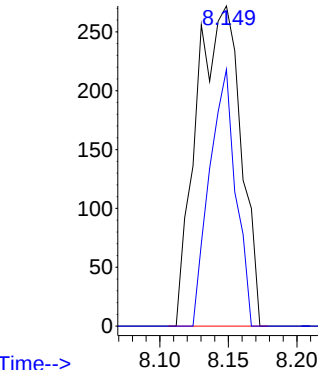
Ion Ratio Lower Upper

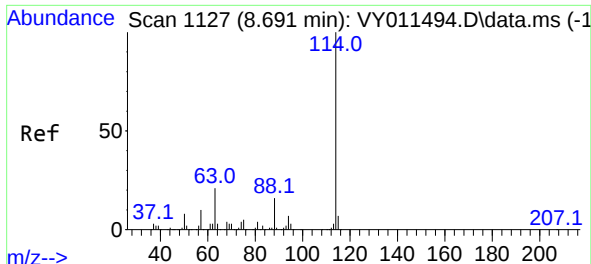
65 100

67 47.3 0.0 99.4



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011702.D

Acq: 05 Dec 2022 17:26

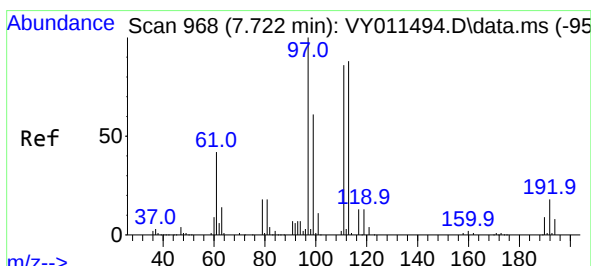
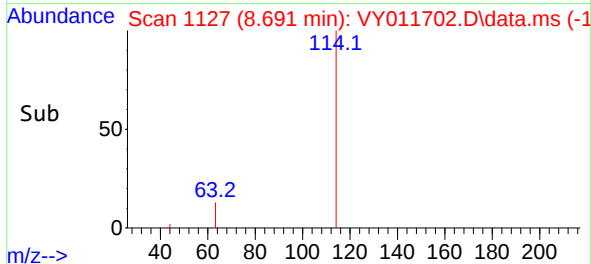
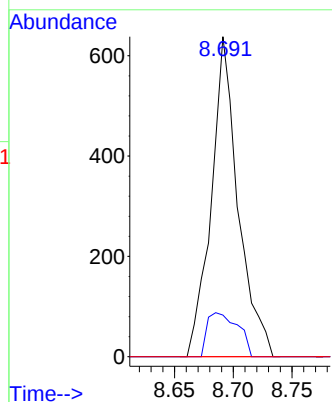
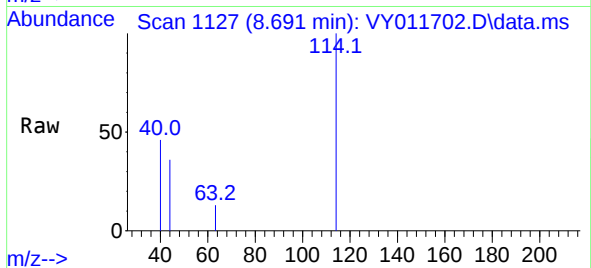
Instrument :

MSVOA_Y

ClientSampleId :

ML-3RE

Tgt Ion:114	Resp:	1015
Ion	Ratio	Lower Upper
114	100	
63	13.0	0.0 43.2
88	0.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 32.169 ug/l

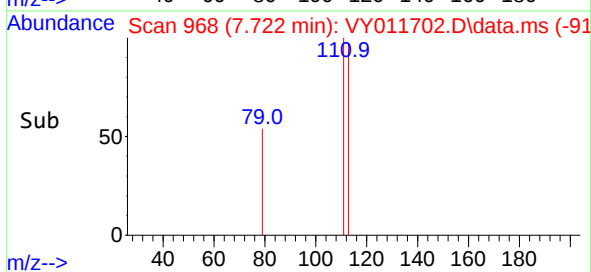
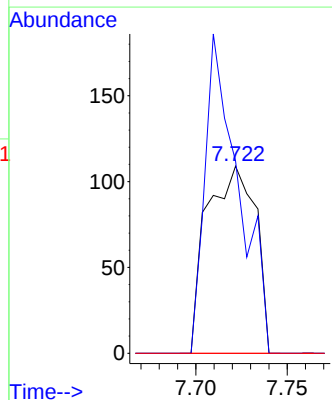
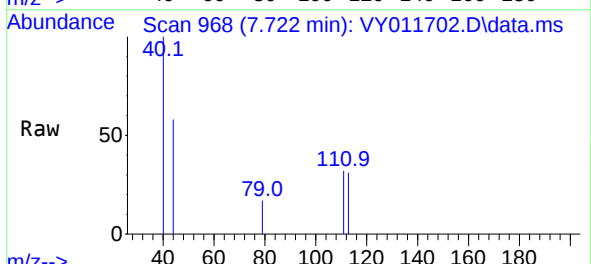
RT: 7.722 min Scan# 968

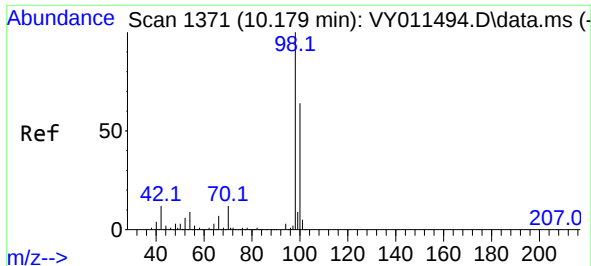
Delta R.T. -0.000 min

Lab File: VY011702.D

Acq: 05 Dec 2022 17:26

Tgt Ion:113	Resp:	201
Ion	Ratio	Lower Upper
113	100	
111	118.4	82.6 124.0
192	0.0	17.6 26.4

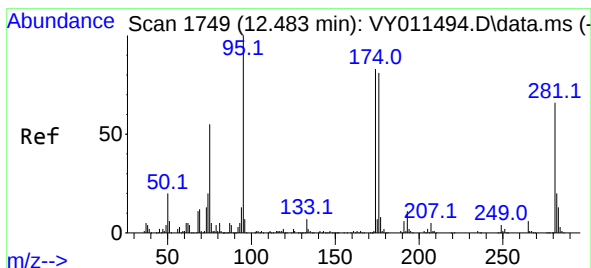
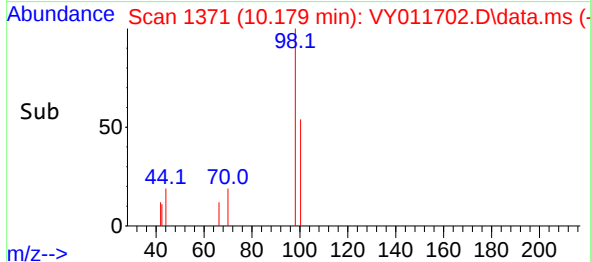
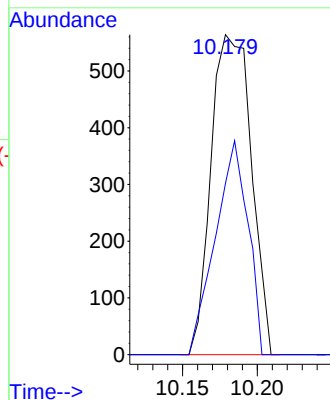
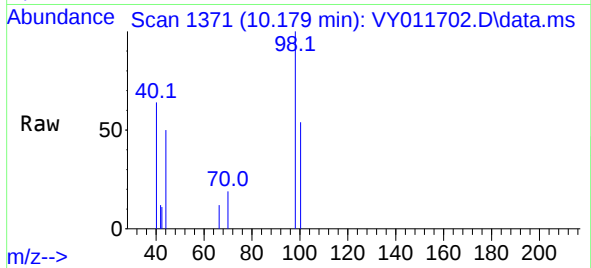




#50
Toluene-d8
Concen: 46.420 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

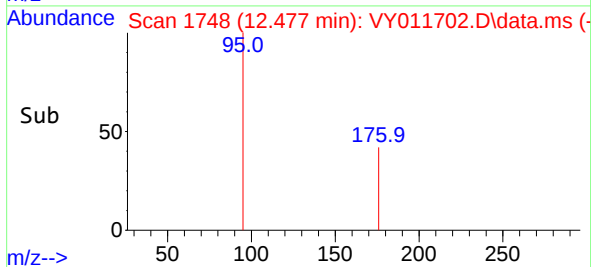
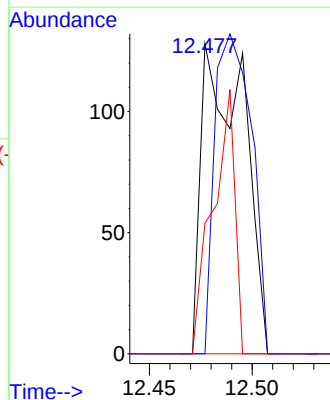
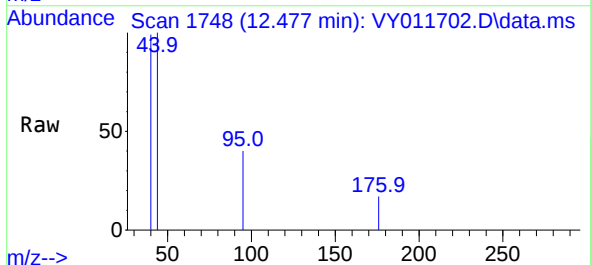
Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

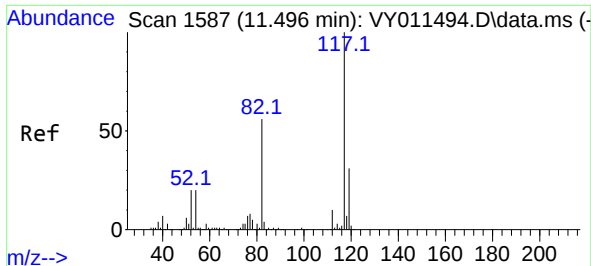
Tgt Ion: 98 Resp: 1054
Ion Ratio Lower Upper
98 100
100 54.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 21.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion: 95 Resp: 183
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 44.8 0.0 175.8

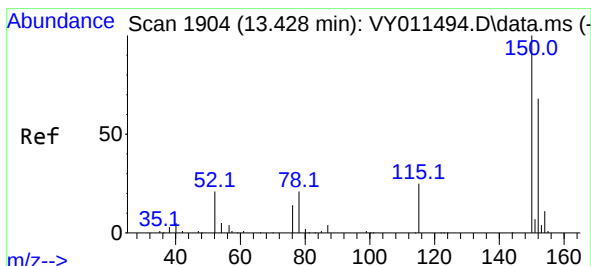
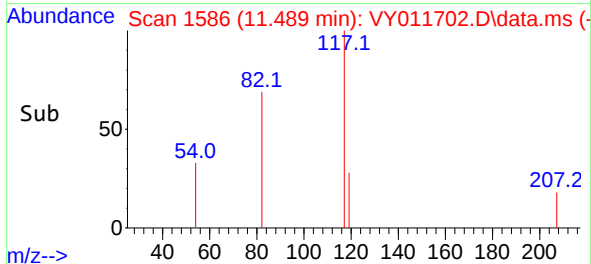
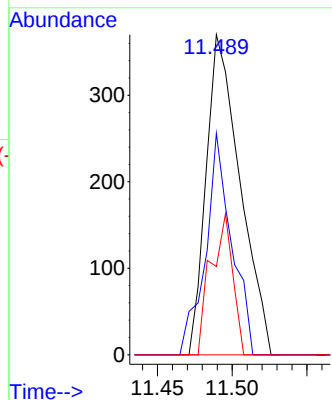
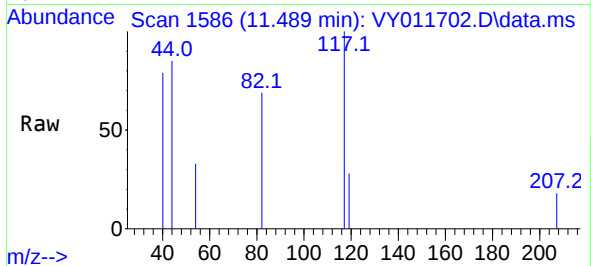




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

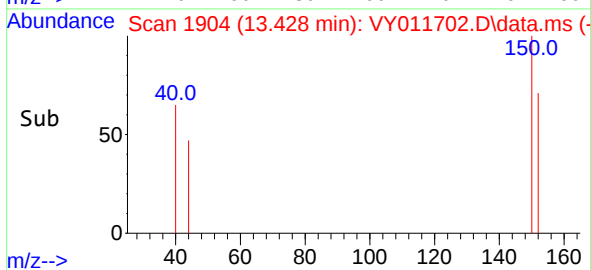
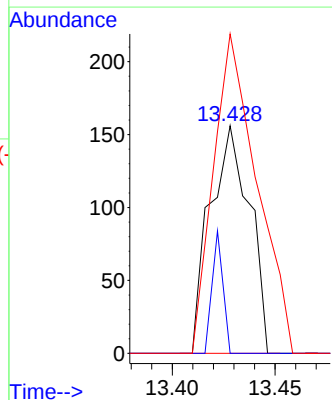
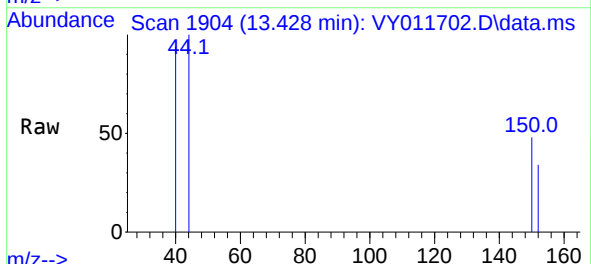
Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

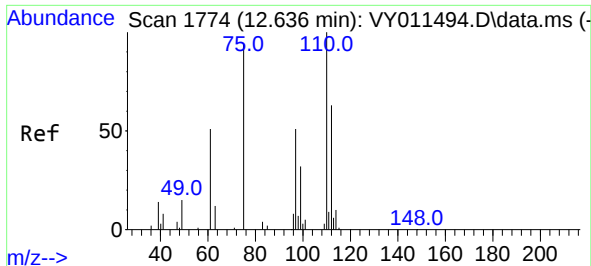
Tgt Ion:117 Resp: 583
Ion Ratio Lower Upper
117 100
82 69.2 43.0 64.4#
119 27.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion:152 Resp: 208
Ion Ratio Lower Upper
152 100
115 14.9 28.2 84.7#
150 154.8 0.0 347.6

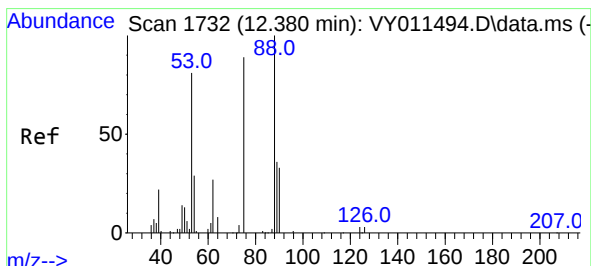
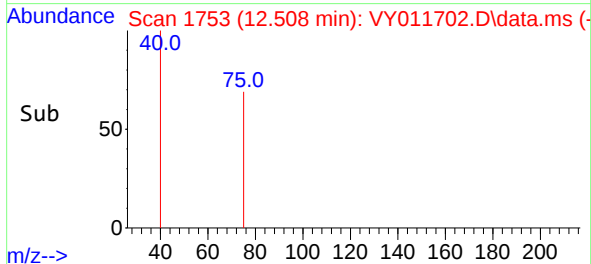
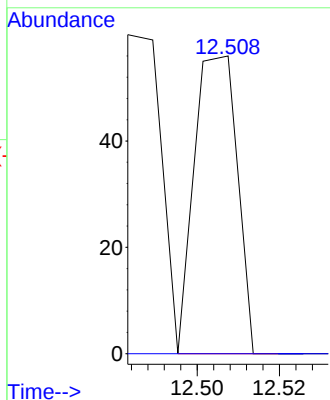
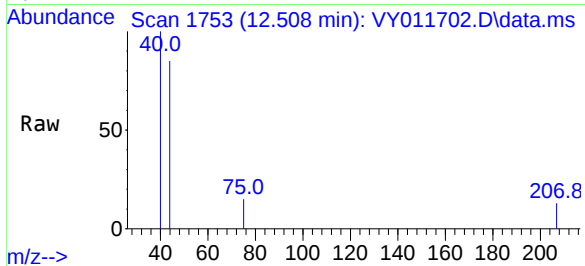




#76
1,2,3-Trichloropropane
Concen: 18.303 ug/l
RT: 12.508 min Scan# 1749
Delta R.T. -0.128 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 43.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

