

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011189.D
 Acq On : 29 Oct 2022 05:01
 Operator : KP/MD
 Sample : N5310-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-9

Quant Time: Oct 29 06:48:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

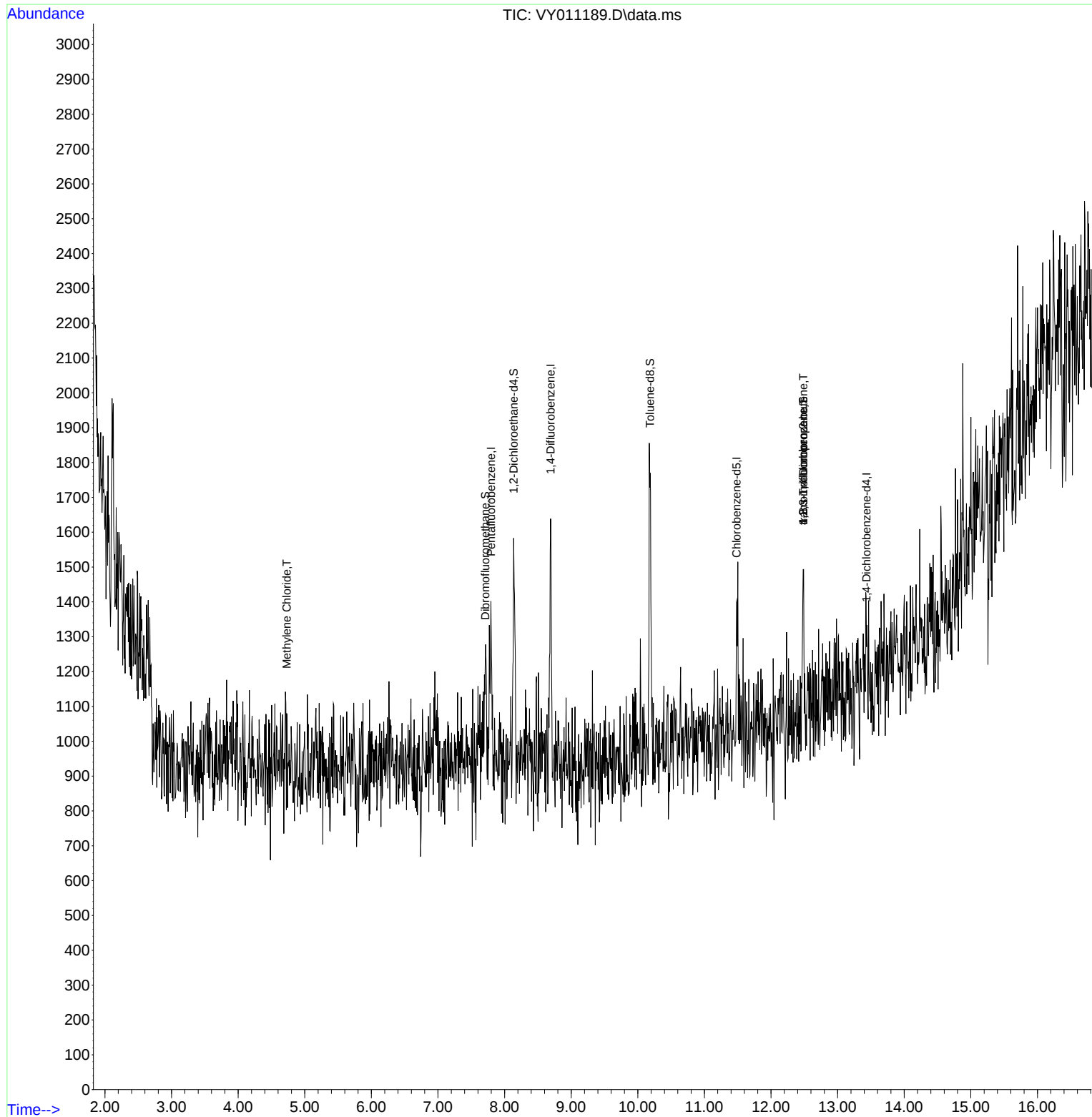
Internal Standards						
1) Pentafluorobenzene	7.795	168	454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	406	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	547	116.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 233.040%	#
35) Dibromofluoromethane	7.710	113	164	30.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 60.960%	
50) Toluene-d8	10.185	98	941	44.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.280%	
62) 4-Bromofluorobenzene	12.483	95	152	21.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 43.580%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	48	3.897	ug/l #	39
76) 1,2,3-Trichloropropane	12.483	75	20	24.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20	51.066	ug/l #	7

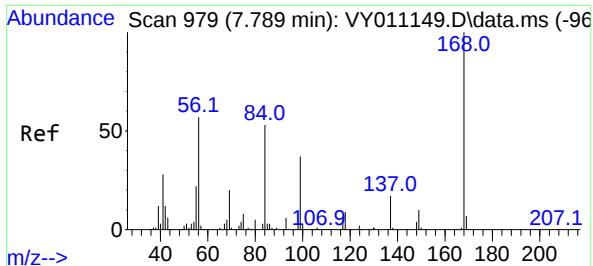
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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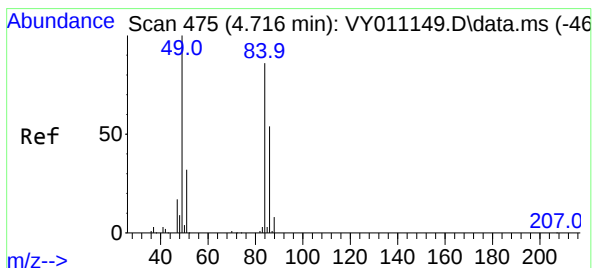
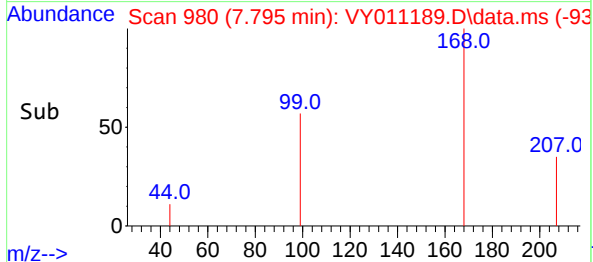
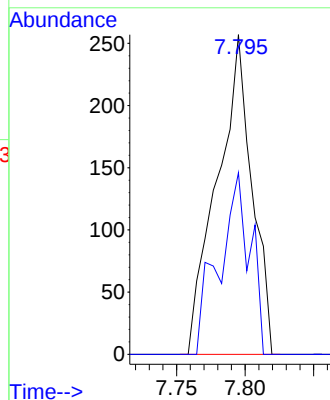
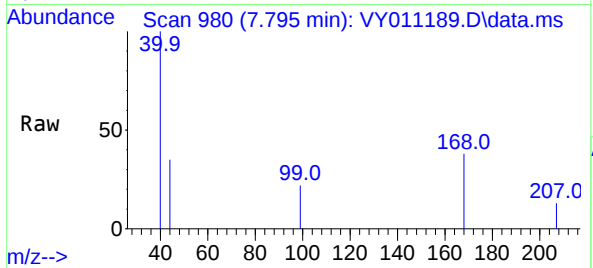




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

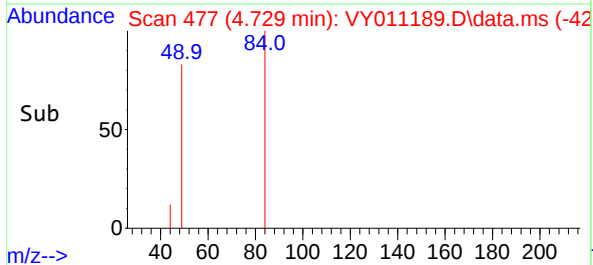
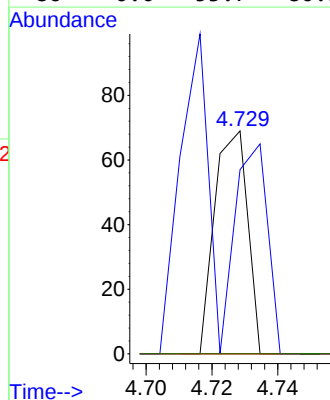
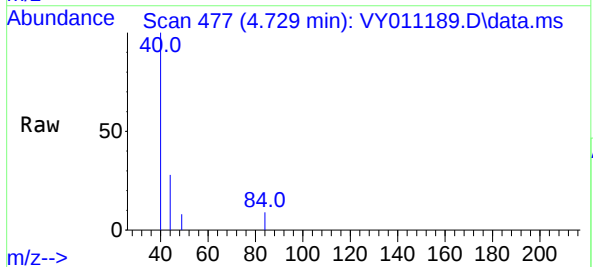
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

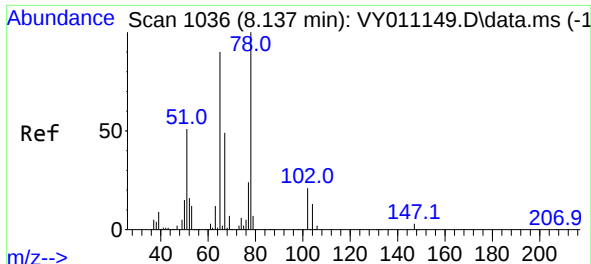
Tgt Ion:168 Resp: 454
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#20
Methylene Chloride
Concen: 3.897 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

Tgt Ion: 84 Resp: 48
Ion Ratio Lower Upper
84 100
49 82.6 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#

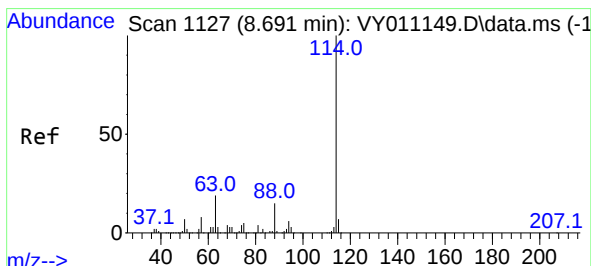
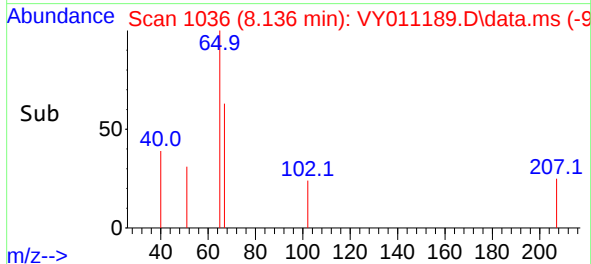
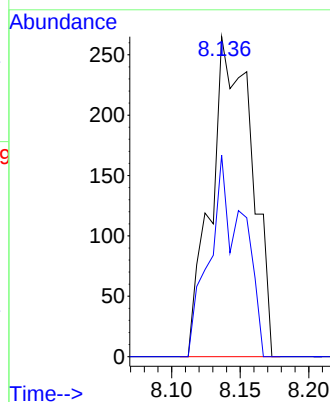
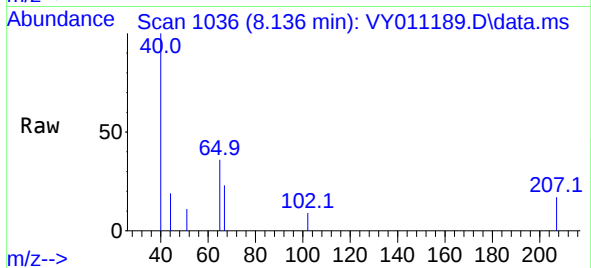




#33
1,2-Dichloroethane-d4
Concen: 116.521 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

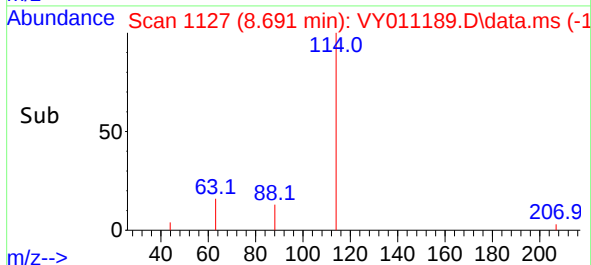
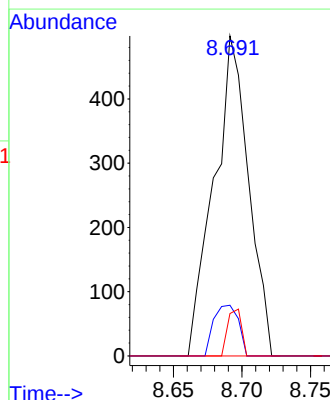
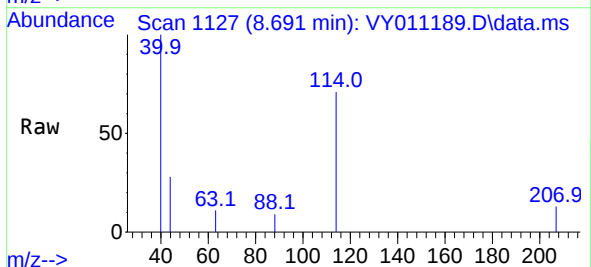
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

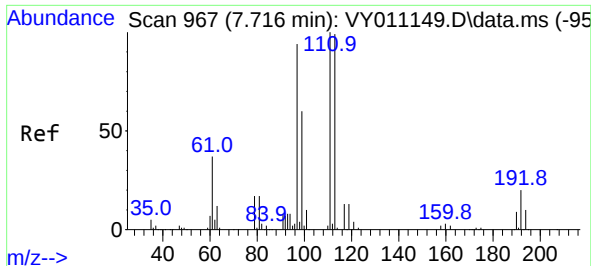
Tgt Ion: 65 Resp: 547
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

Tgt Ion: 114 Resp: 875
Ion Ratio Lower Upper
114 100
63 15.9 0.0 43.2
88 13.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 30.478 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY011189.D

Acq: 29 Oct 2022 05:01

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-9

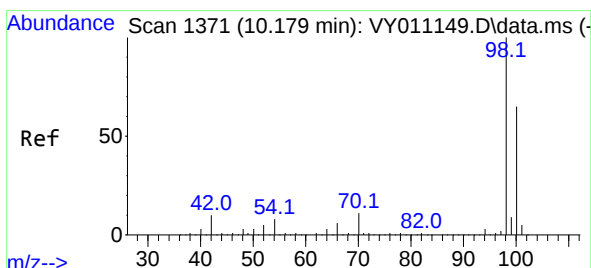
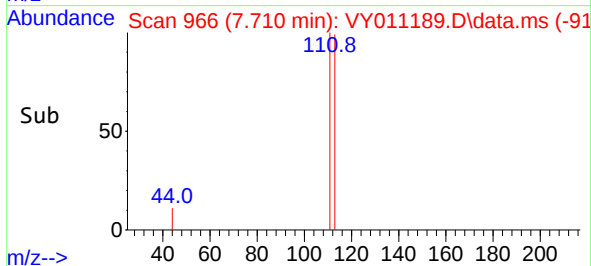
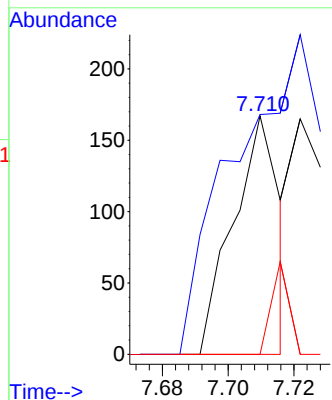
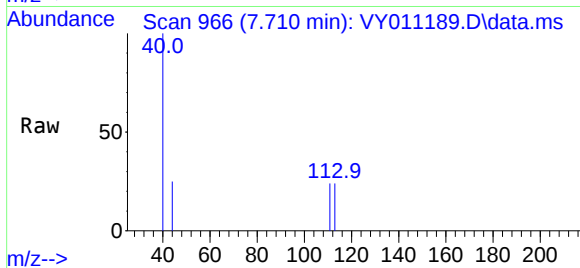
Tgt Ion:113 Resp: 164

Ion Ratio Lower Upper

113 100

111 272.6 82.6 124.0#

192 14.6 17.6 26.4#



#50

Toluene-d8

Concen: 44.142 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY011189.D

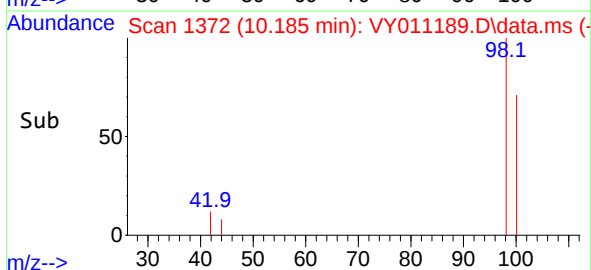
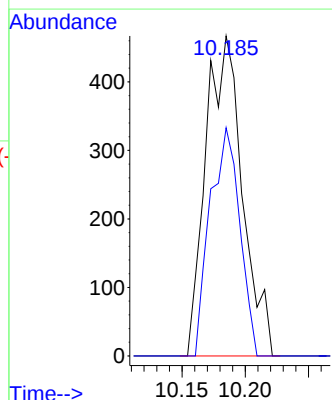
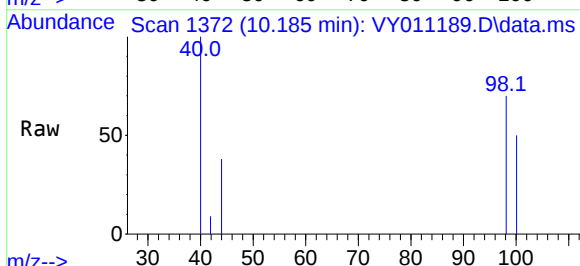
Acq: 29 Oct 2022 05:01

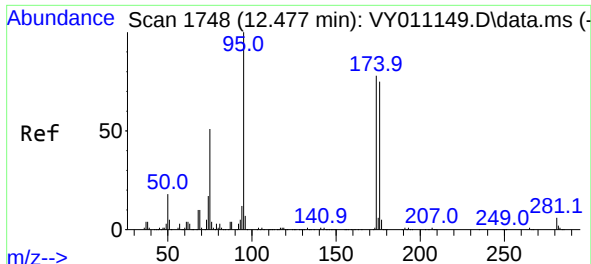
Tgt Ion: 98 Resp: 941

Ion Ratio Lower Upper

98 100

100 57.5 50.2 75.2



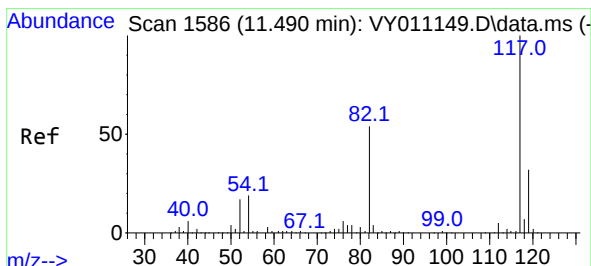
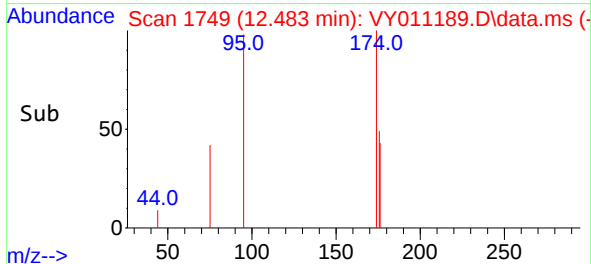
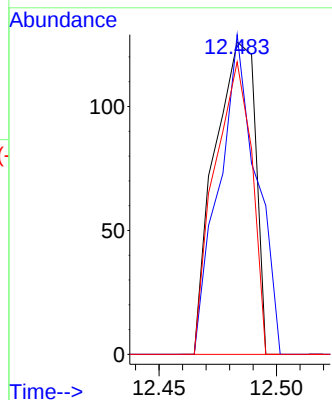
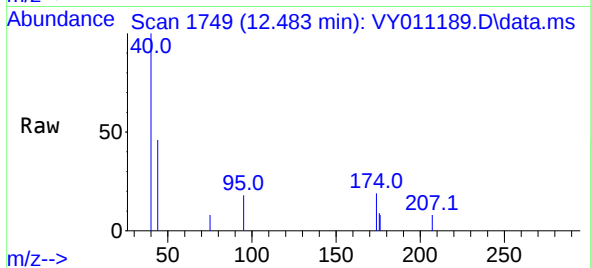


#62
4-Bromofluorobenzene
Concen: 21.791 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

Tgt Ion: 95 Resp: 152

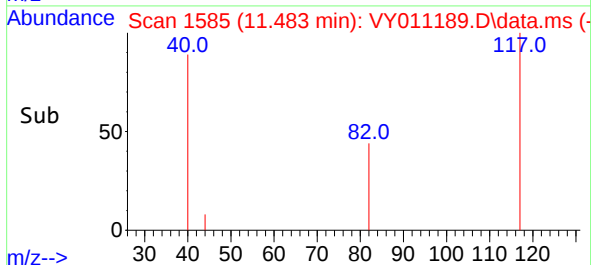
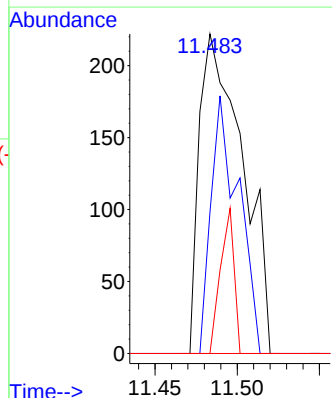
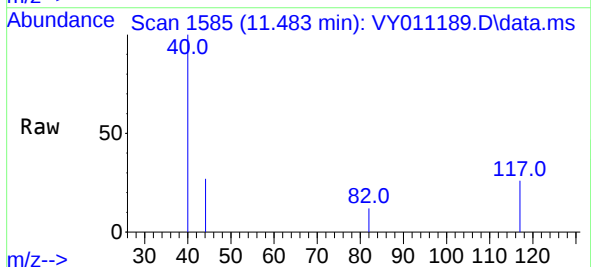
Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	177.0
176	85.5	0.0	175.8

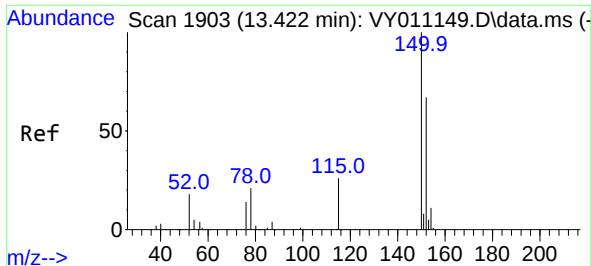


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

Tgt Ion: 117 Resp: 406

Ion	Ratio	Lower	Upper
117	100		
82	44.1	43.0	64.4
119	0.0	25.4	38.0

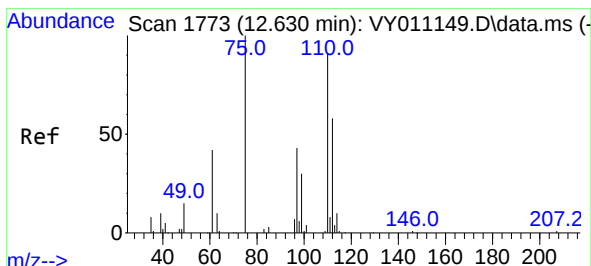
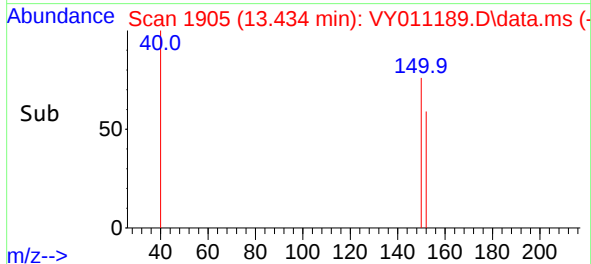
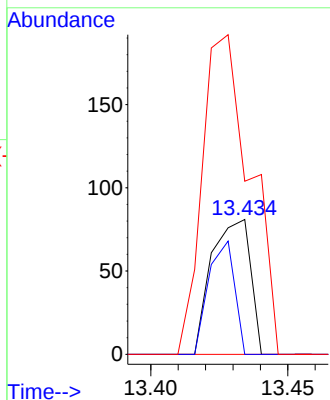
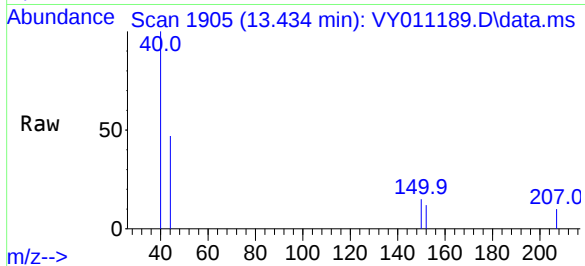




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

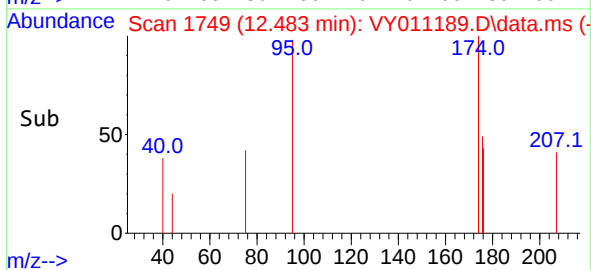
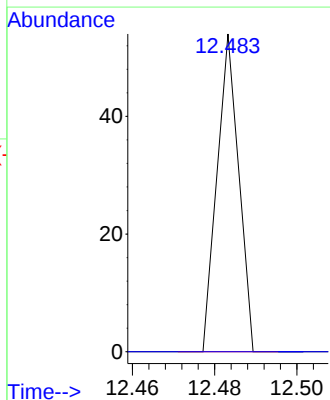
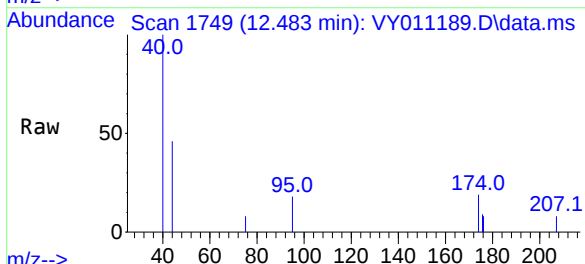
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

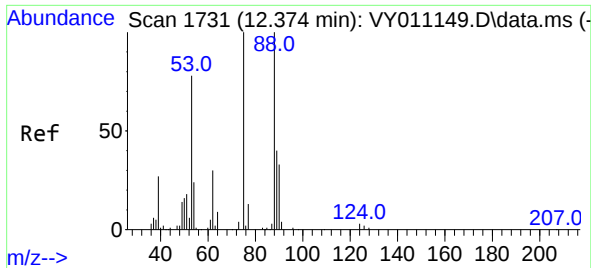
Tgt Ion:	152	Resp:	80
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.2	84.7
150	292.5	0.0	347.6



#76
1,2,3-Trichloropropane
Concen: 24.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011189.D
Acq: 29 Oct 2022 05:01

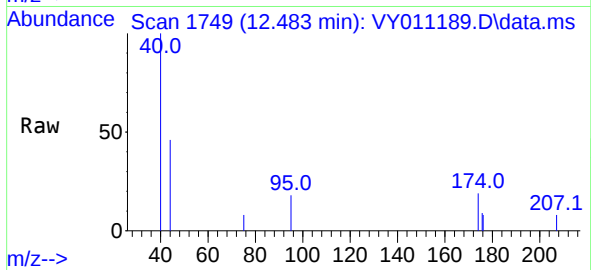
Tgt Ion:	75	Resp:	20
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.066 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY011189.D
 Acq: 29 Oct 2022 05:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-9



Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

