

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016466.D
 Acq On : 22 Nov 2023 16:44
 Operator : SY/MD
 Sample : 05505-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

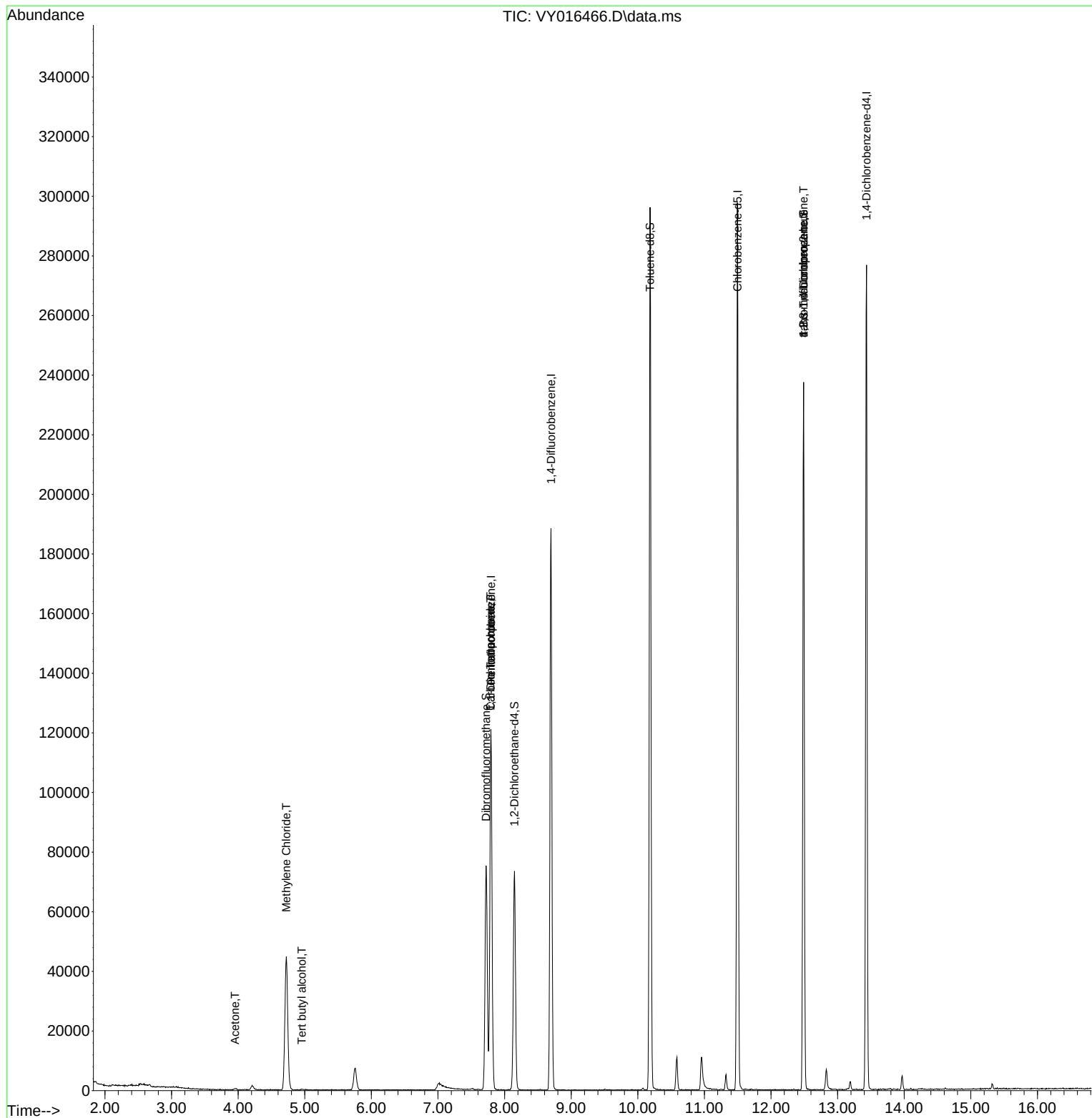
Internal Standards						
1) Pentafluorobenzene	7.795	168	96825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	169125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58808	66.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.900%	
35) Dibromofluoromethane	7.722	113	54822	56.456	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.920%	
50) Toluene-d8	10.185	98	202788	51.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.489	95	70087	54.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	582	8.399	ug/l #	89
16) Acetone	3.954	43	796	5.438	ug/l	95
20) Methylene Chloride	4.722	84	36778	34.486	ug/l #	83
36) 1,1-Dichloropropene	7.789	75	7238	4.293	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9403	5.373	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	35171	47.550	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35171	103.212	ug/l #	11

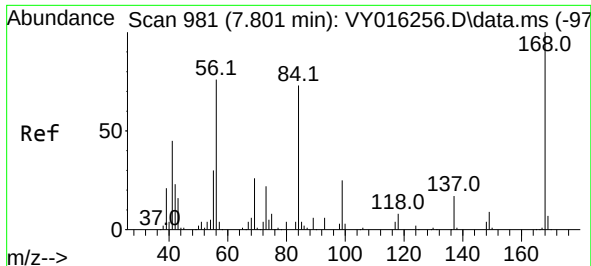
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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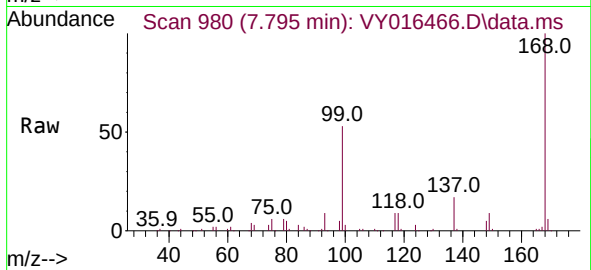
Quant Time: Nov 23 04:08:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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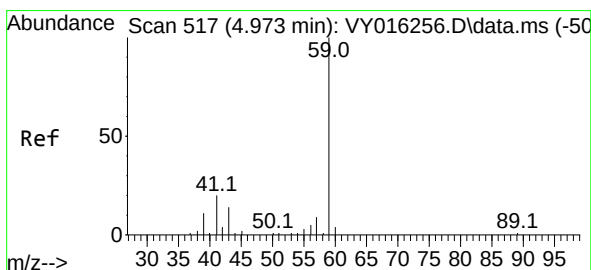
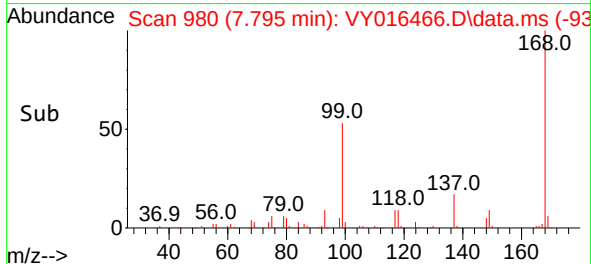
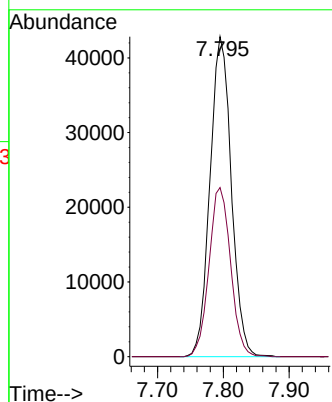


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :

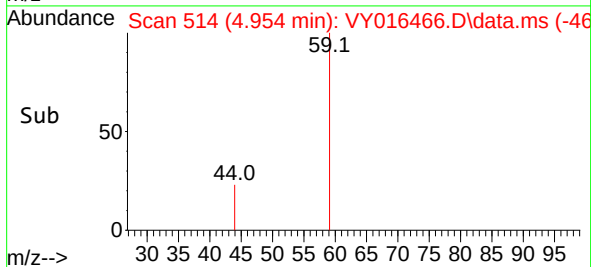
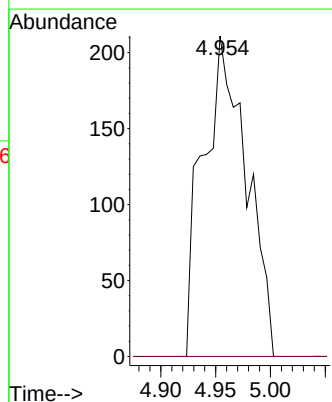
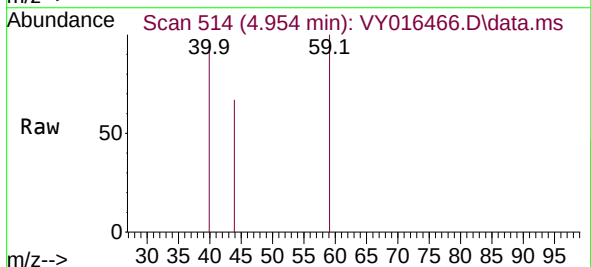


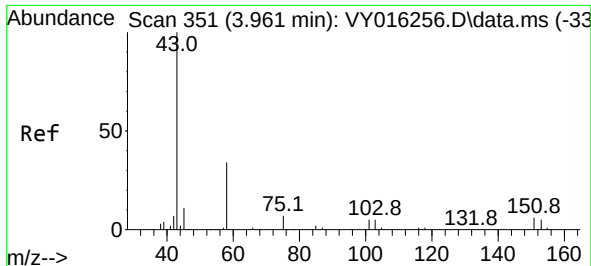
Tgt Ion:168 Resp: 96825
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.399 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Tgt Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 5.438 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016466.D

Acq: 22 Nov 2023 16:44

Instrument :

MSVOA_Y

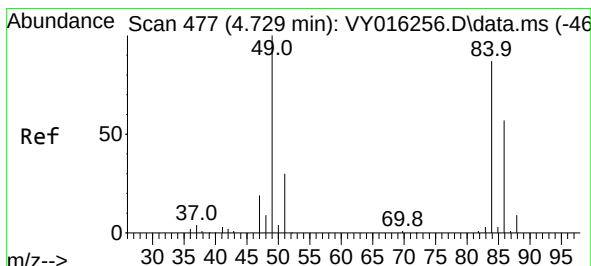
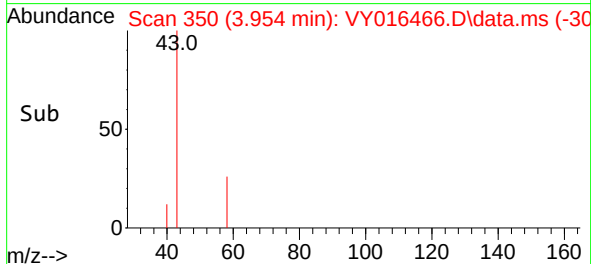
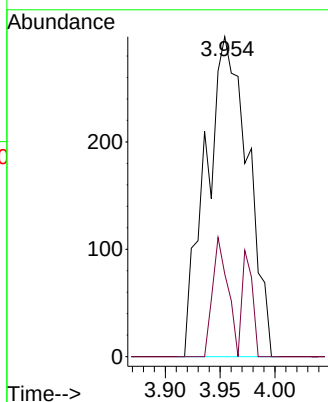
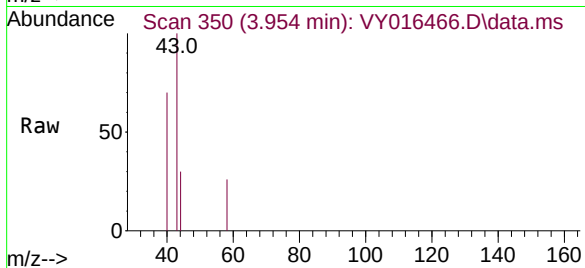
ClientSampleId :

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 25.8 22.7 34.1



#20

Methylene Chloride

Concen: 34.486 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY016466.D

Acq: 22 Nov 2023 16:44

Tgt Ion: 84 Resp: 36778

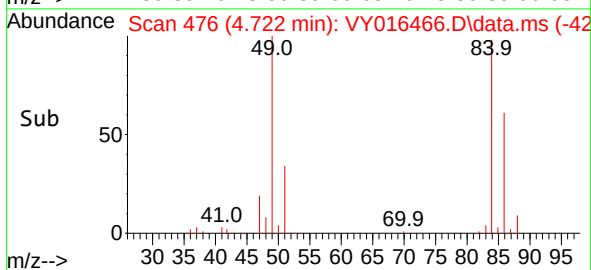
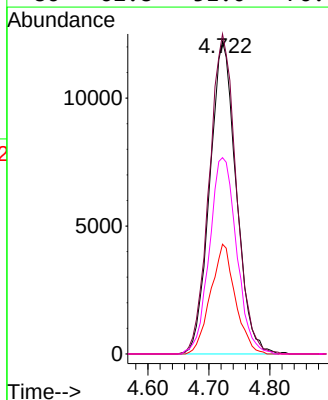
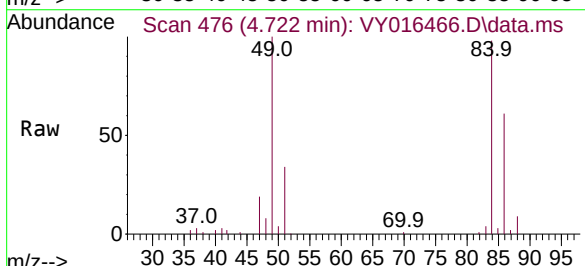
Ion Ratio Lower Upper

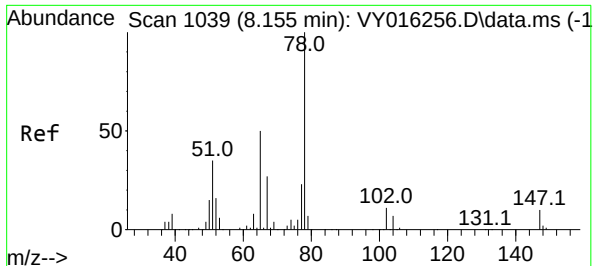
84 100

49 102.3 106.9 160.3#

51 35.1 33.2 49.8

86 62.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.454 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016466.D

Acq: 22 Nov 2023 16:44

Instrument :

MSVOA_Y

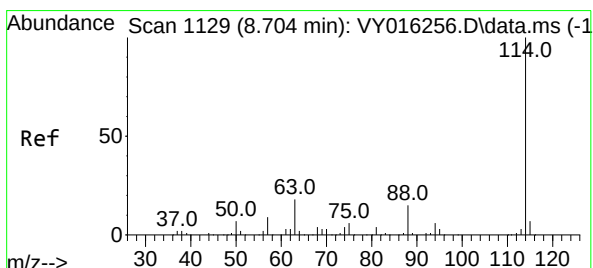
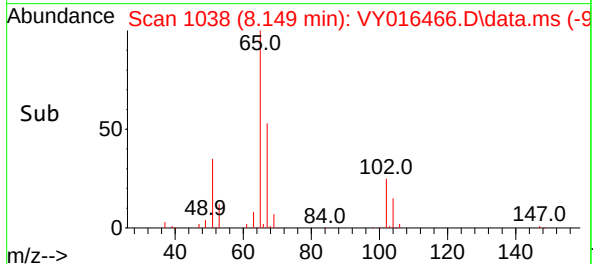
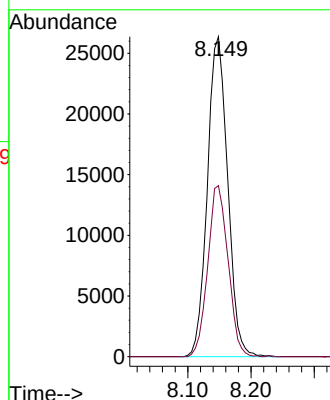
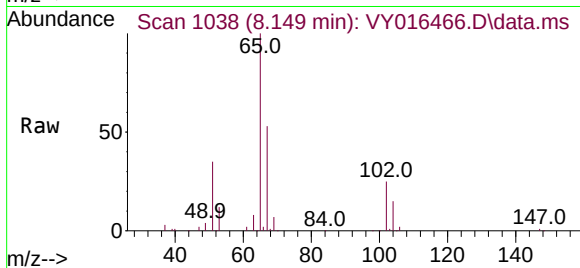
ClientSampleId :

Tgt Ion: 65 Resp: 58808

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016466.D

Acq: 22 Nov 2023 16:44

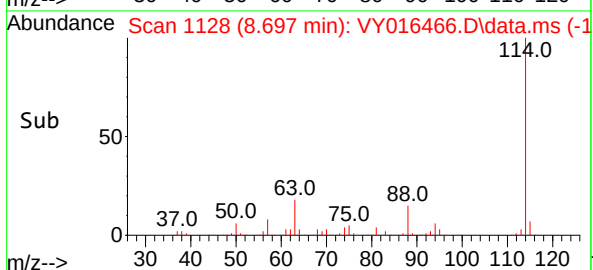
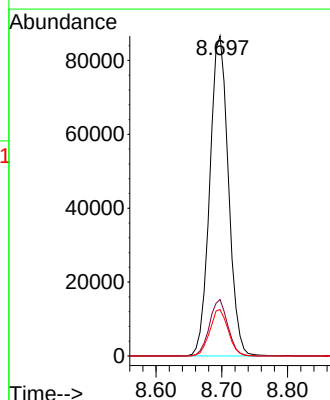
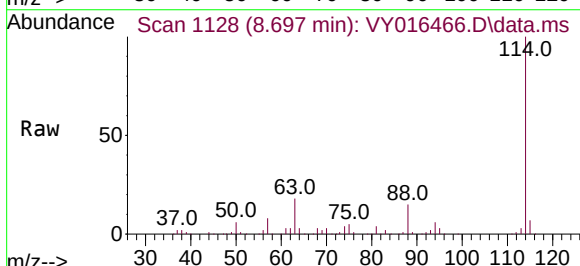
Tgt Ion: 114 Resp: 170941

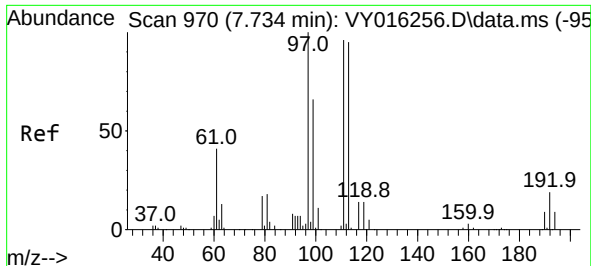
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

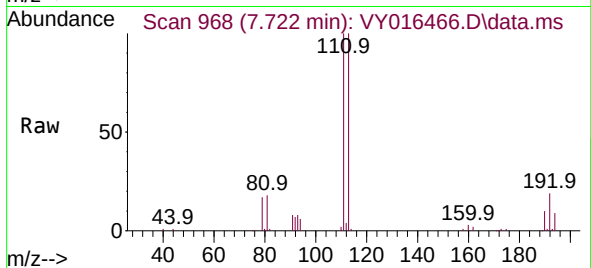
88 14.5 0.0 30.6



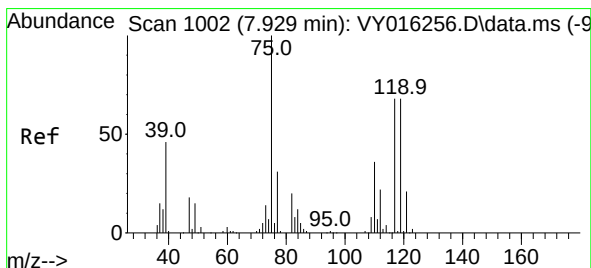
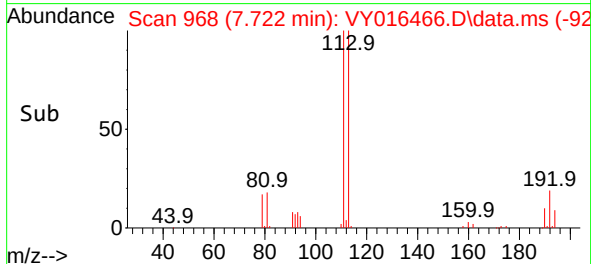
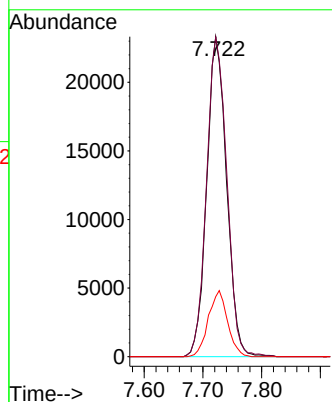


#35
Dibromofluoromethane
Concen: 56.456 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :

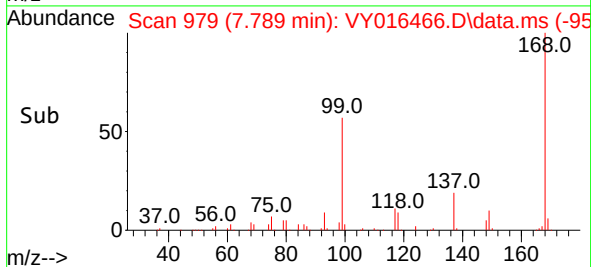
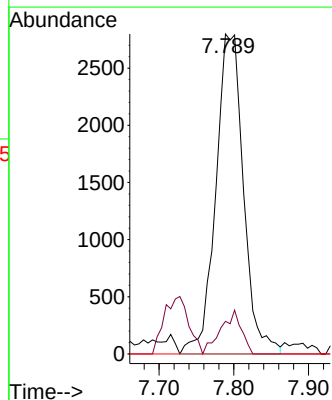
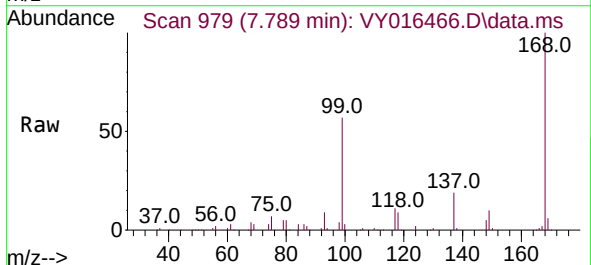


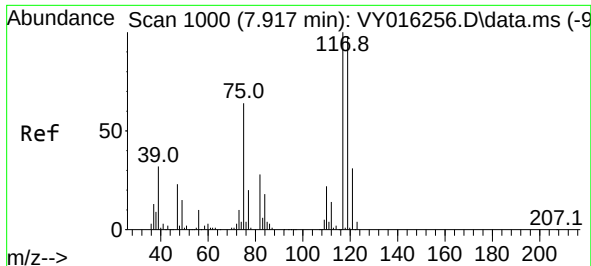
Tgt Ion:113 Resp: 54822
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.141 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

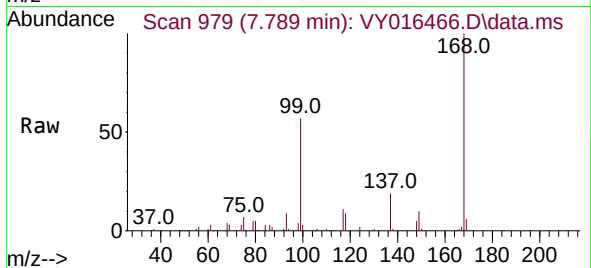
Tgt Ion: 75 Resp: 7238
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



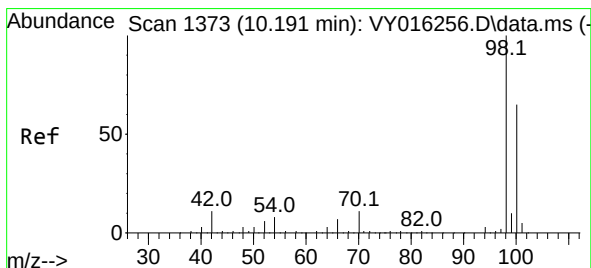
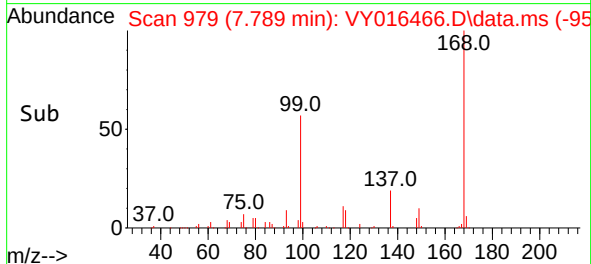
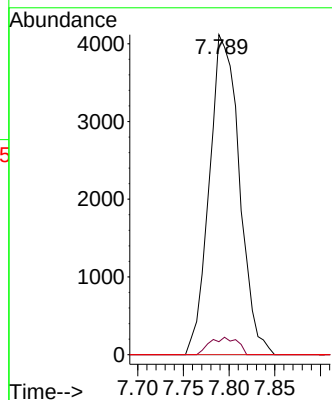


#38
Carbon Tetrachloride
Concen: 5.373 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :

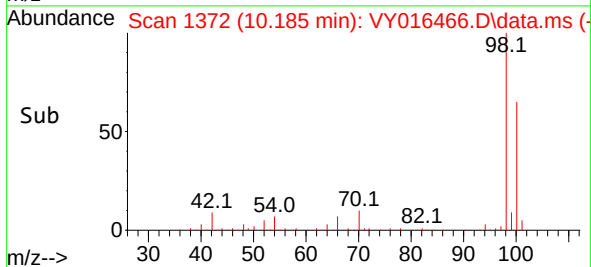
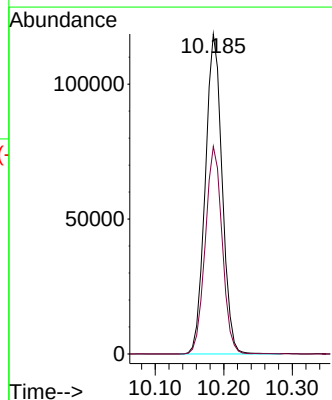
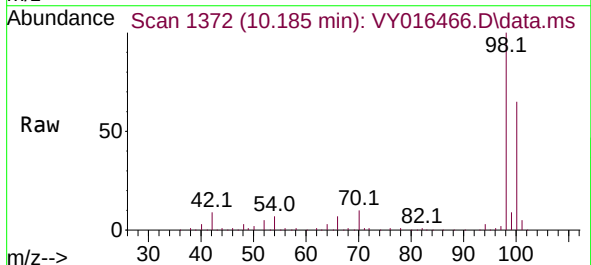


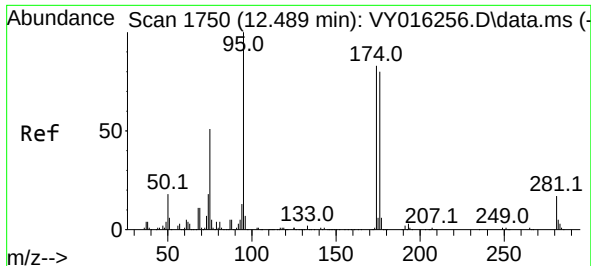
Tgt Ion:117 Resp: 9403
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.498 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Tgt Ion: 98 Resp: 202788
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

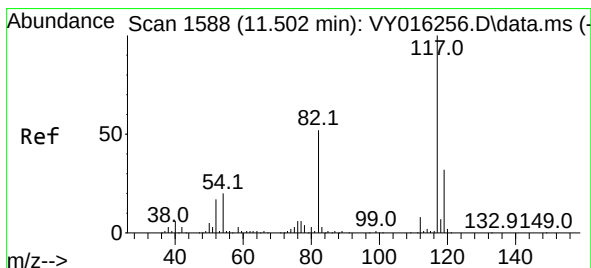
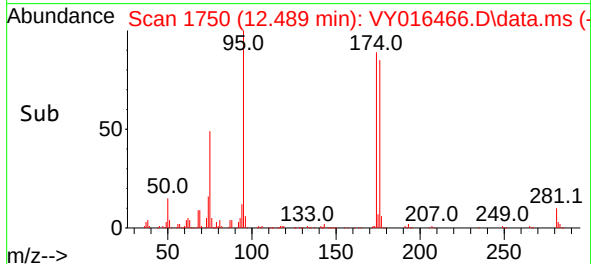
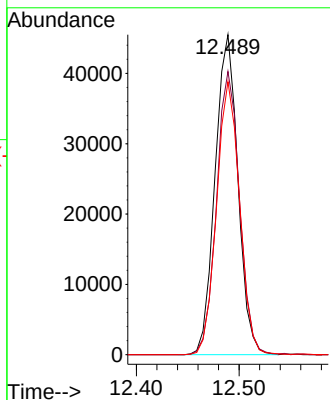
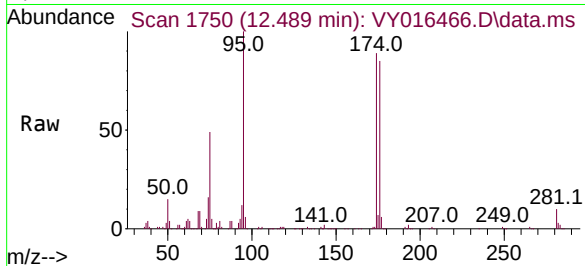




#62
4-Bromofluorobenzene
Concen: 54.801 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

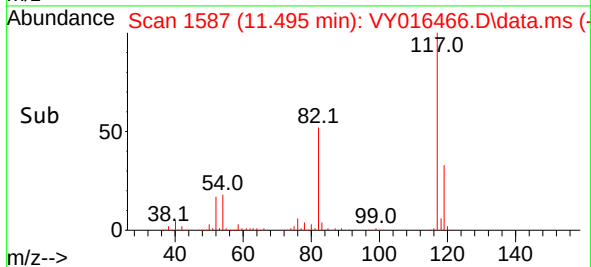
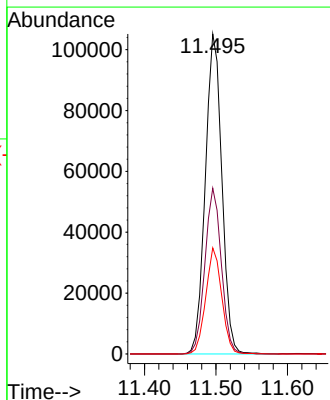
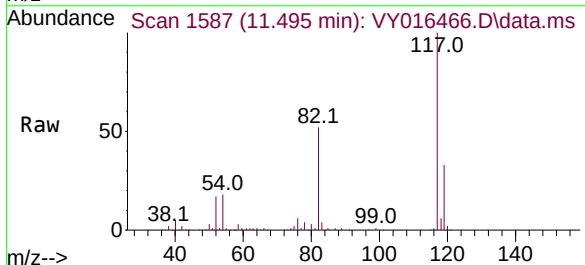
Instrument :
MSVOA_Y
ClientSampleId :

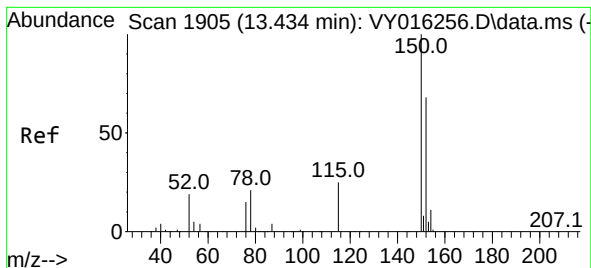
Tgt Ion: 95 Resp: 70087
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.2
176 86.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

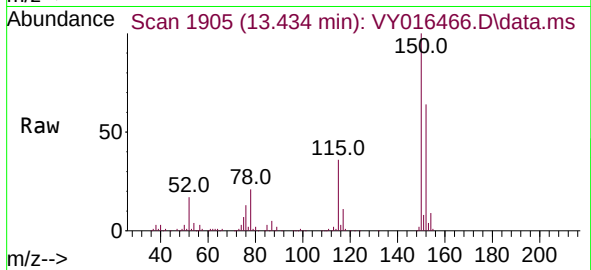
Tgt Ion: 117 Resp: 169125
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 33.2 26.3 39.5



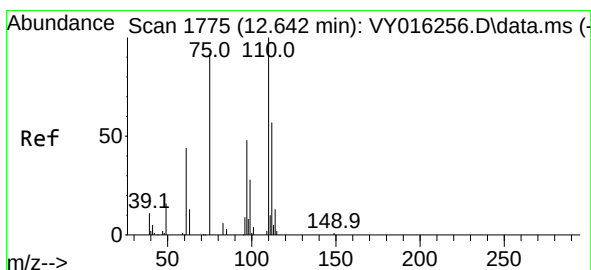
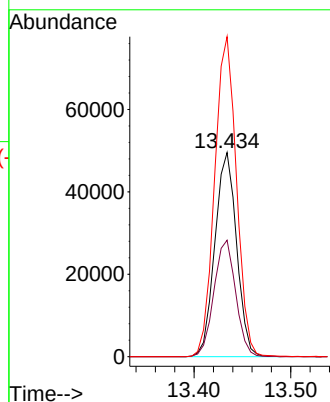
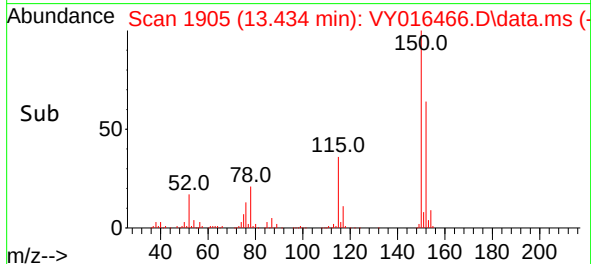


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

Instrument :
MSVOA_Y
ClientSampleId :

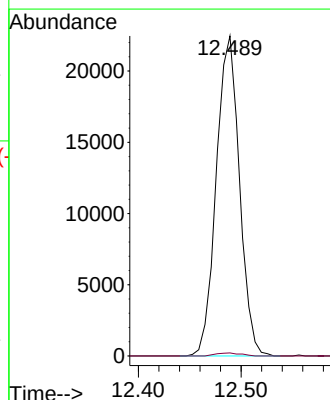
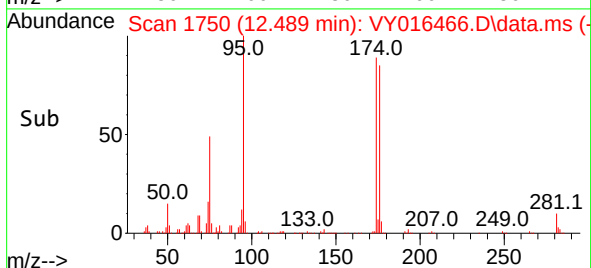
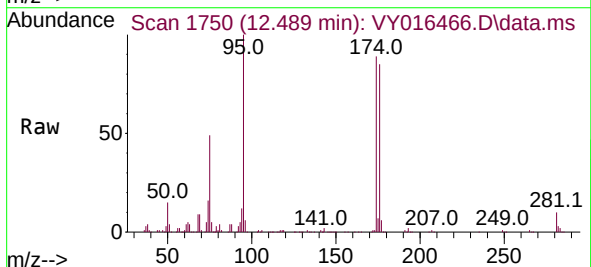


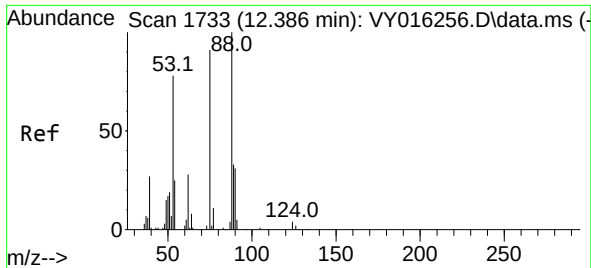
Tgt Ion:152 Resp: 77105
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 157.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 47.550 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016466.D
Acq: 22 Nov 2023 16:44

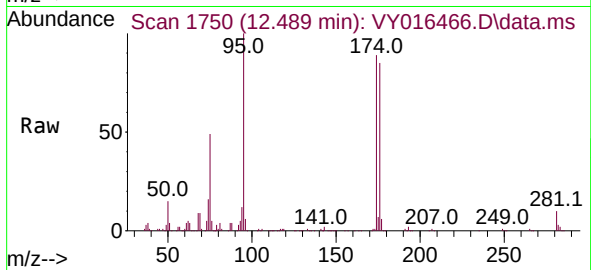
Tgt Ion: 75 Resp: 35171
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.212 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016466.D
 Acq: 22 Nov 2023 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

