

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016455.D
 Acq On : 22 Nov 2023 12:26
 Operator : SY/MD
 Sample : 05503-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:05:17 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)

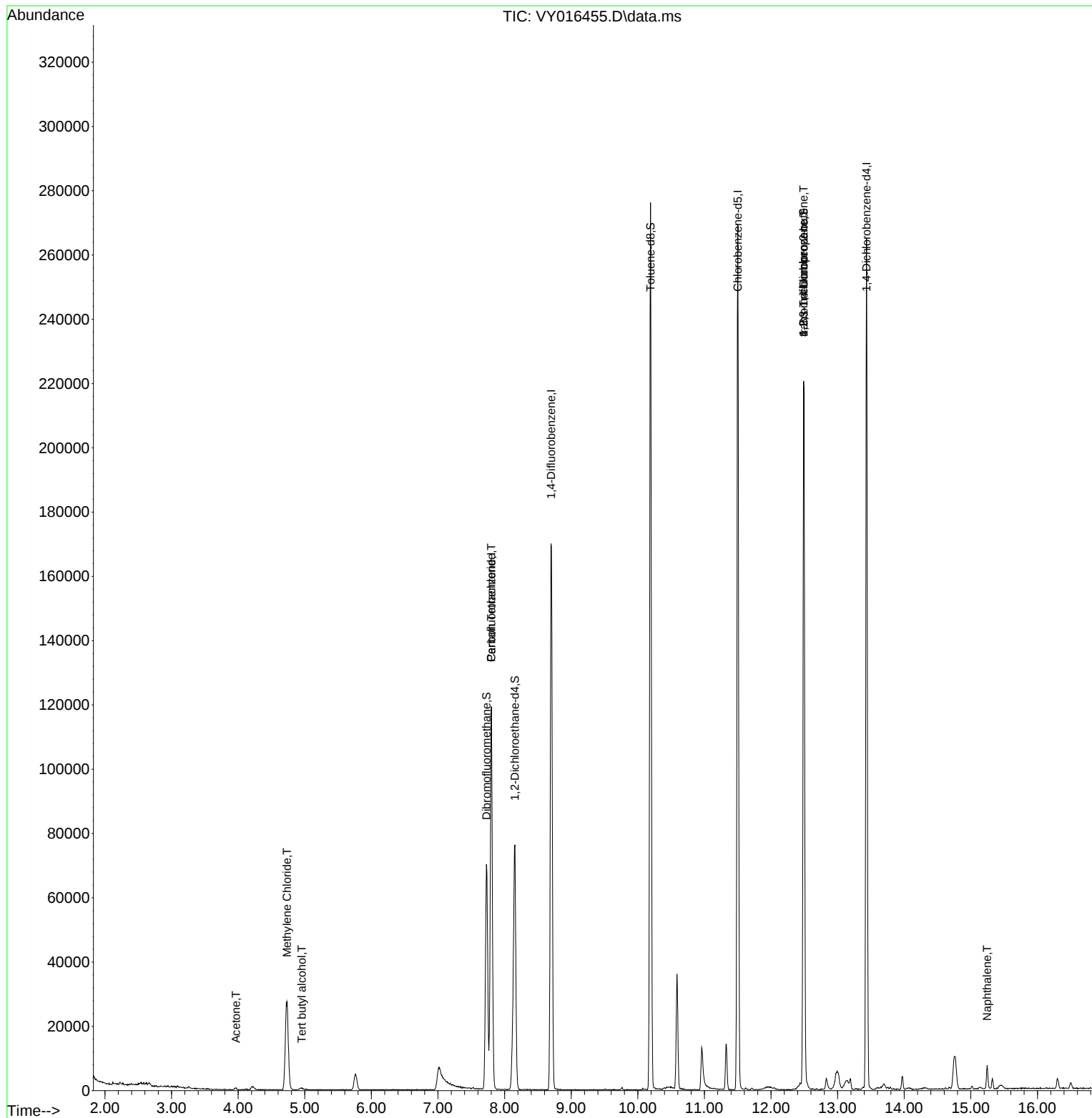
Internal Standards						
1) Pentafluorobenzene	7.801	168	92709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	153229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55366	65.342	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.680%			
35) Dibromofluoromethane	7.728	113	50752	56.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.580%			
50) Toluene-d8	10.191	98	185698	50.786	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.489	95	65382	55.055	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	726	10.942	ug/l #	89
16) Acetone	3.966	43	777	5.544	ug/l #	89
20) Methylene Chloride	4.734	84	23803	22.098	ug/l #	78
38) Carbon Tetrachloride	7.801	117	8937	5.500	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	33202	48.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33202	105.424	ug/l #	11
95) Naphthalene	15.245	128	6040	2.691	ug/l	98

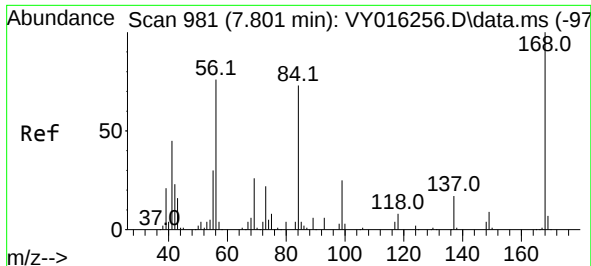
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
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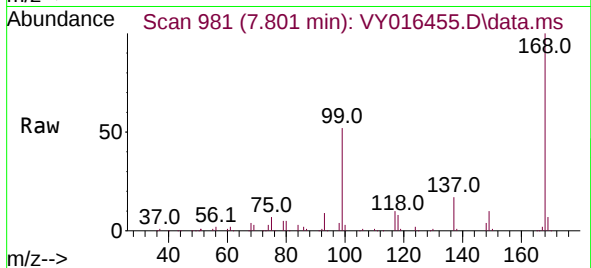
Quant Time: Nov 23 04:05:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



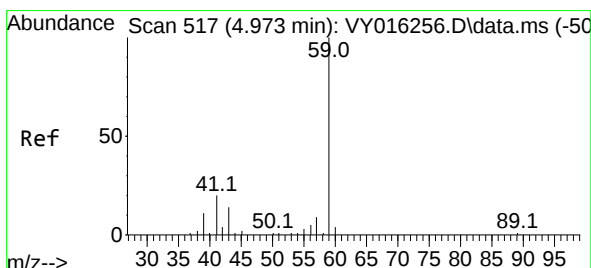
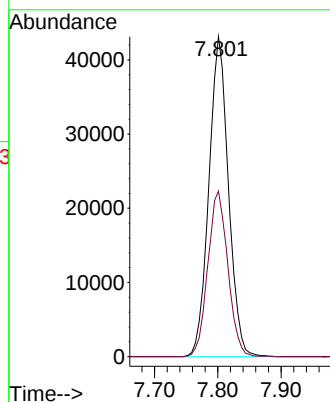
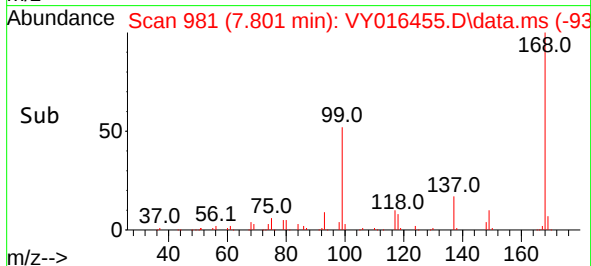


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

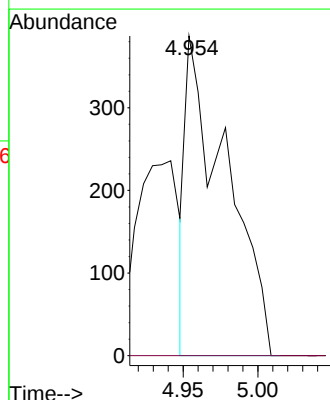
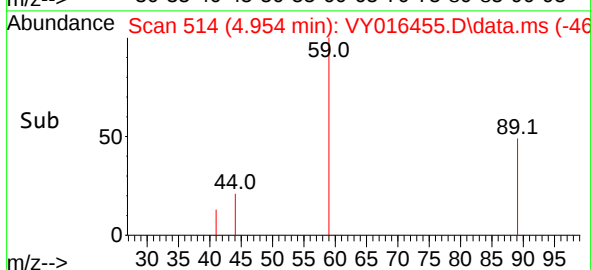
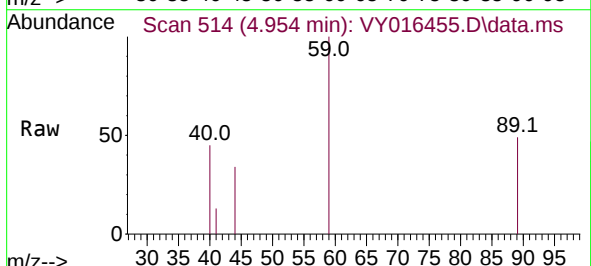


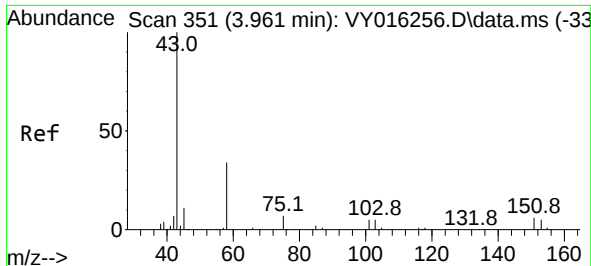
Tgt Ion:168 Resp: 92709
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 10.942 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Tgt Ion: 59 Resp: 726
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

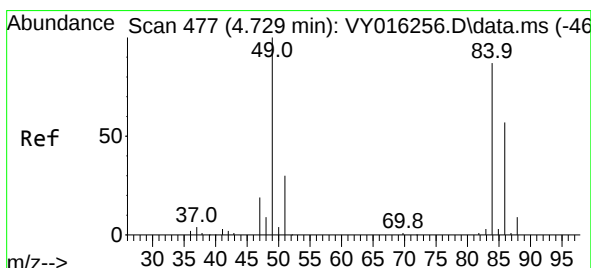
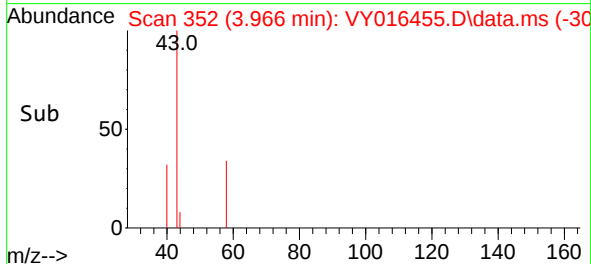
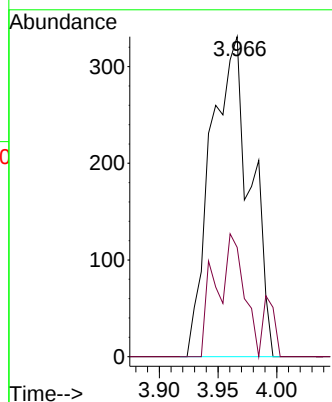
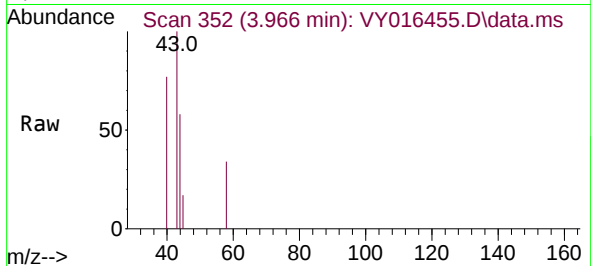




#16
Acetone
Concen: 5.544 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

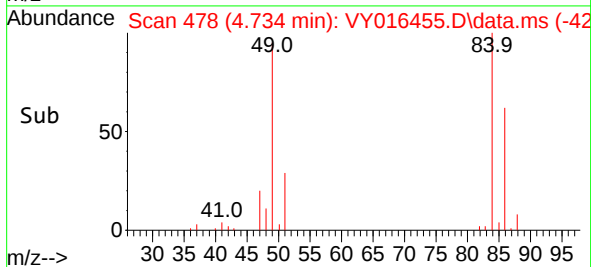
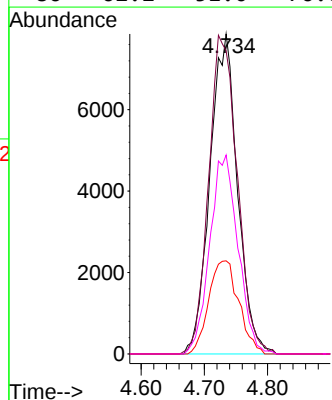
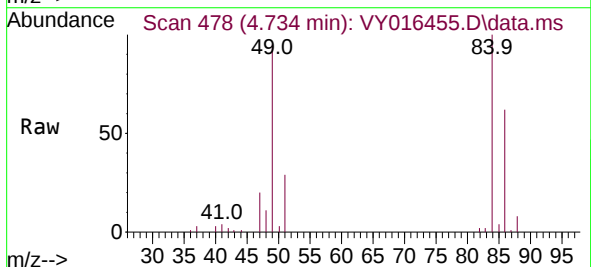
Instrument :
MSVOA_Y
ClientSampleId :

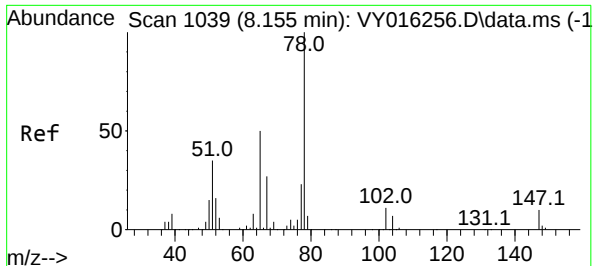
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#



#20
Methylene Chloride
Concen: 22.098 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Tgt Ion: 84 Resp: 23803
Ion Ratio Lower Upper
84 100
49 94.8 106.9 160.3#
51 29.1 33.2 49.8#
86 62.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.342 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

Instrument :

MSVOA_Y

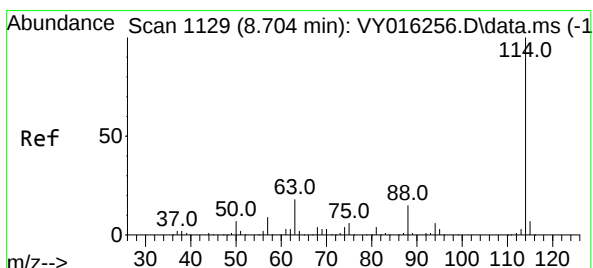
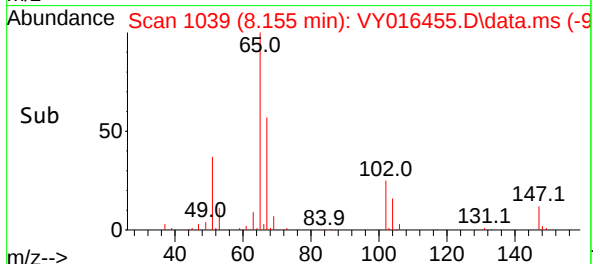
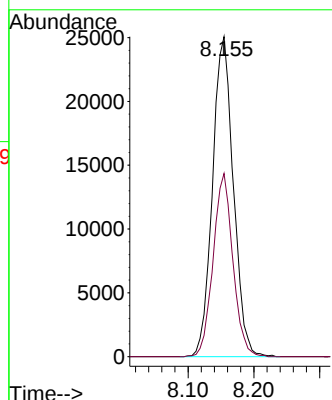
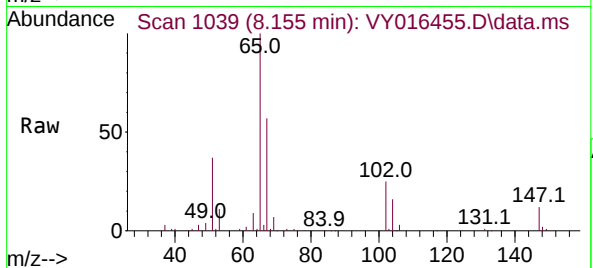
ClientSampleId :

Tgt Ion: 65 Resp: 55366

Ion Ratio Lower Upper

65 100

67 54.2 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: VY016455.D

Acq: 22 Nov 2023 12:26

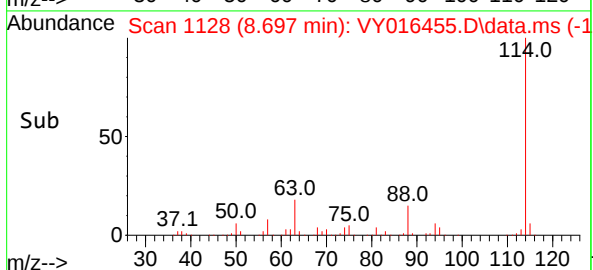
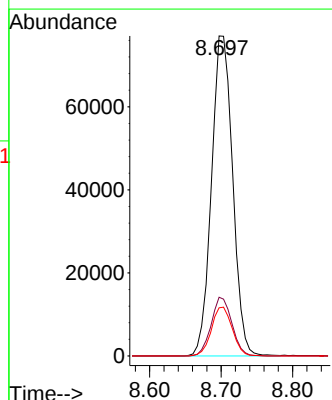
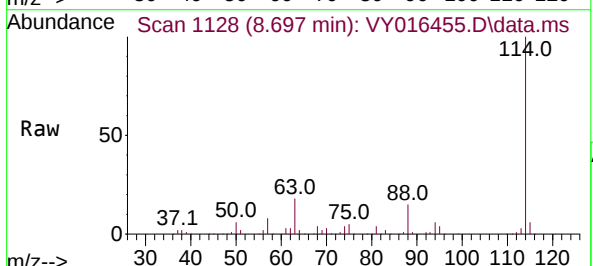
Tgt Ion: 114 Resp: 158729

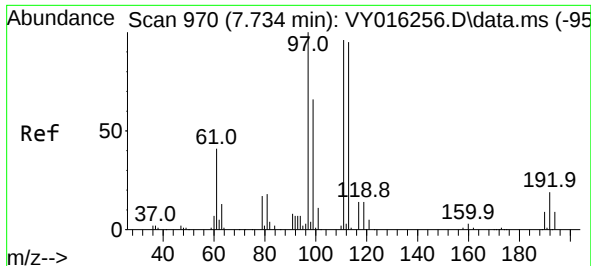
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

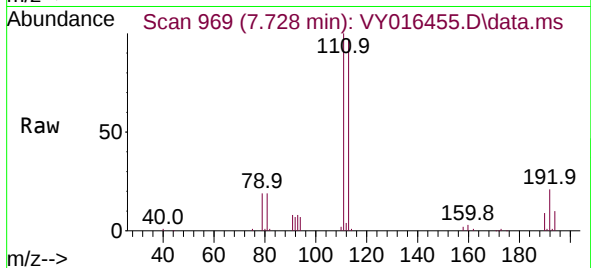
88 15.1 0.0 30.6



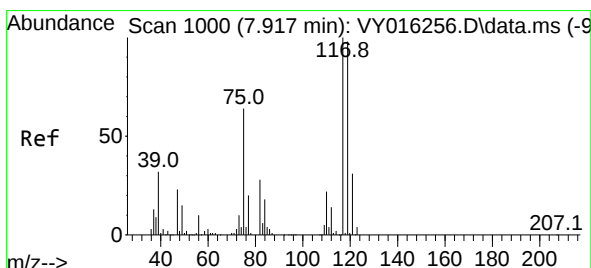
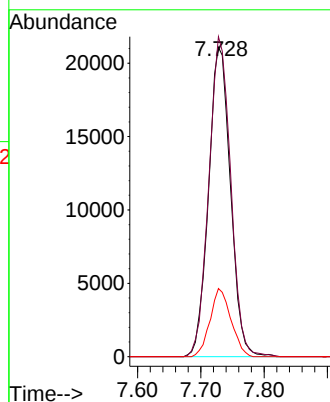
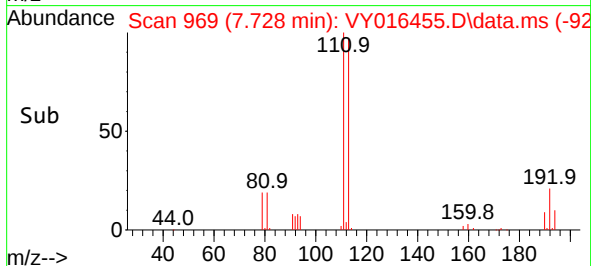


#35
Dibromofluoromethane
Concen: 56.286 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

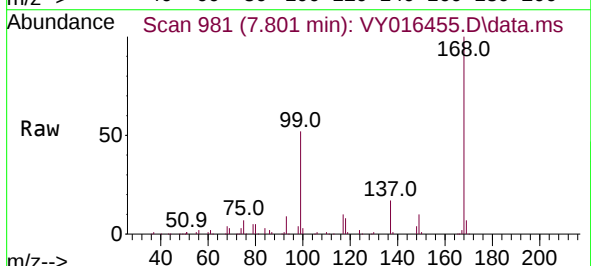
Instrument :
MSVOA_Y
ClientSampleId :



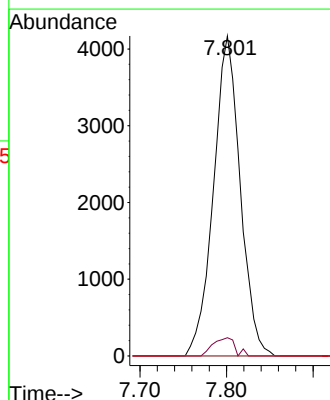
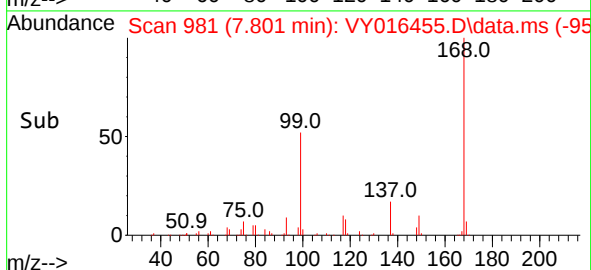
Tgt Ion:113 Resp: 50752
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 21.0 16.9 25.3

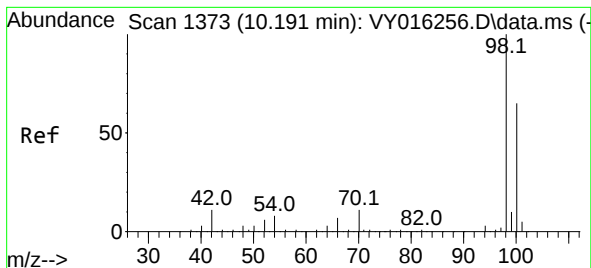


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26



Tgt Ion:117 Resp: 8937
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.786 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

Instrument :

MSVOA_Y

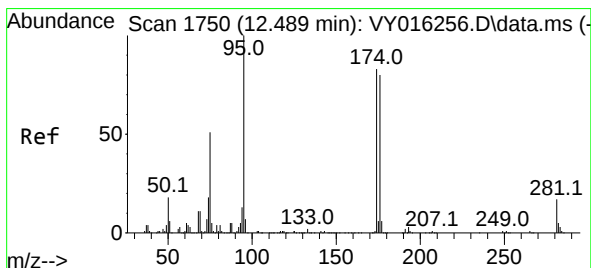
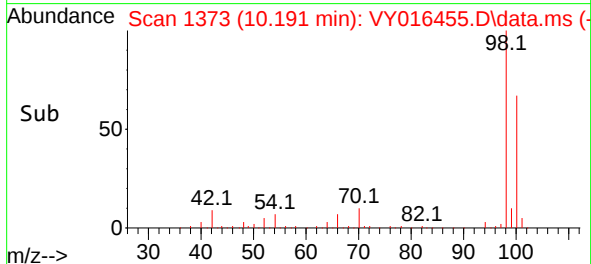
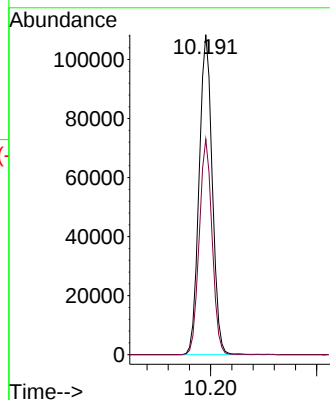
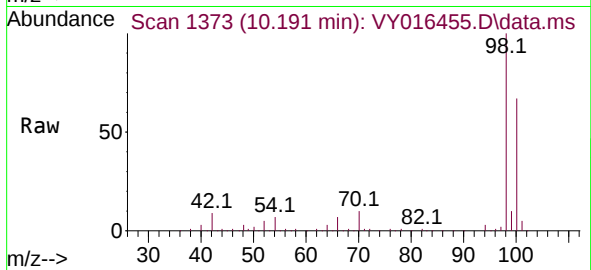
ClientSampleId :

Tgt Ion: 98 Resp: 185698

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.055 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

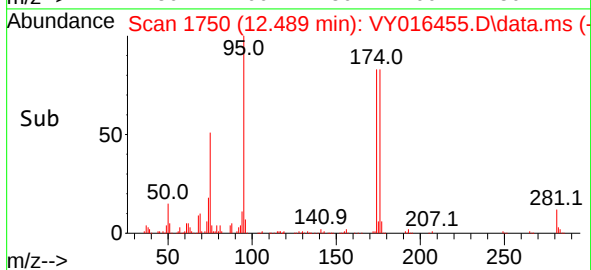
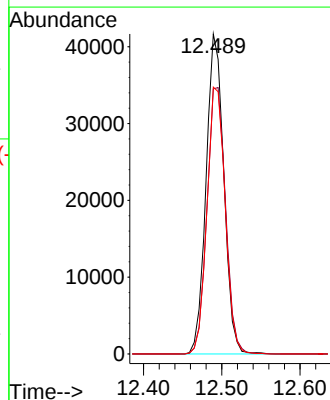
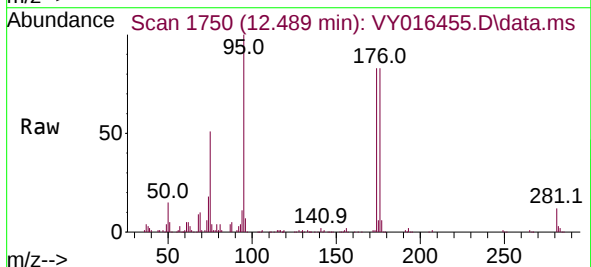
Tgt Ion: 95 Resp: 65382

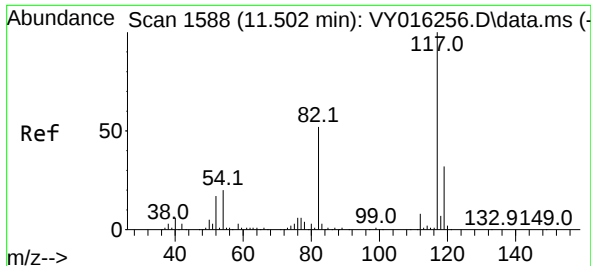
Ion Ratio Lower Upper

95 100

174 87.1 0.0 178.2

176 85.9 0.0 173.8

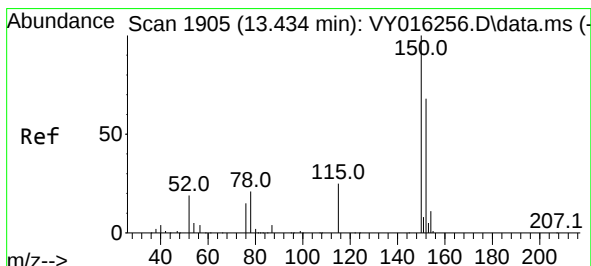
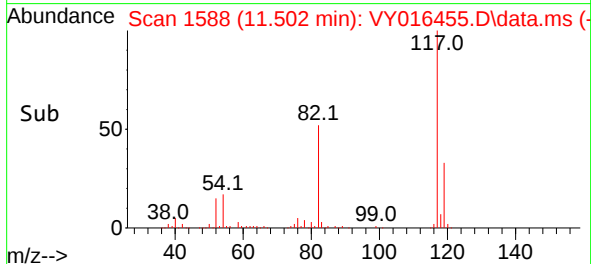
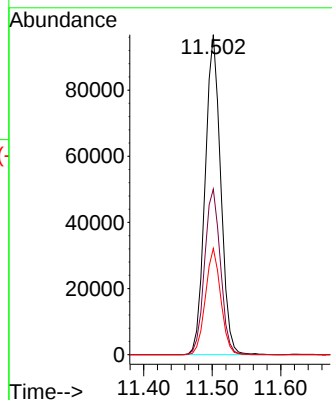
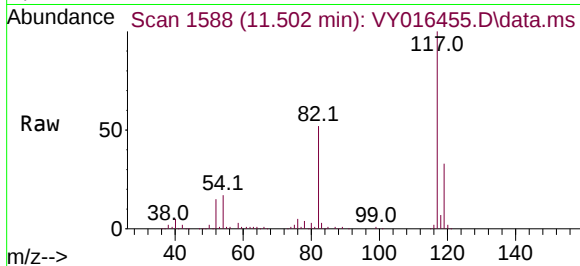




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

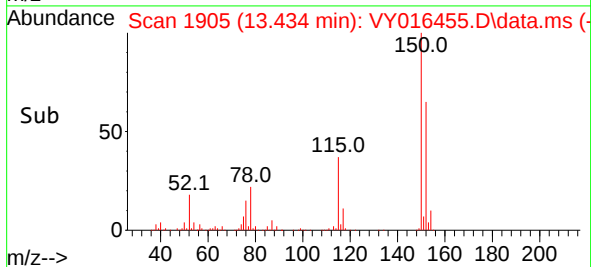
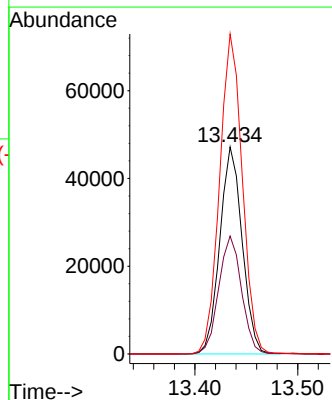
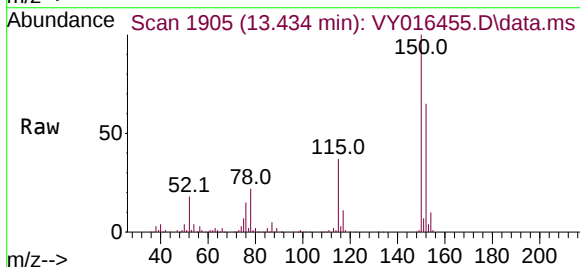
Instrument :
MSVOA_Y
ClientSampleId :

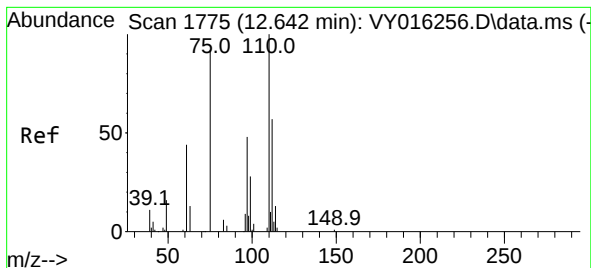
Tgt Ion:117 Resp: 153229
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Tgt Ion:152 Resp: 71261
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.0 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 48.569 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

Instrument :

MSVOA_Y

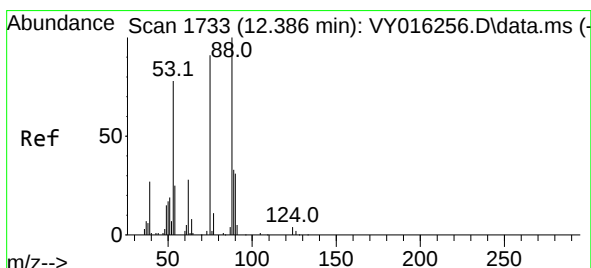
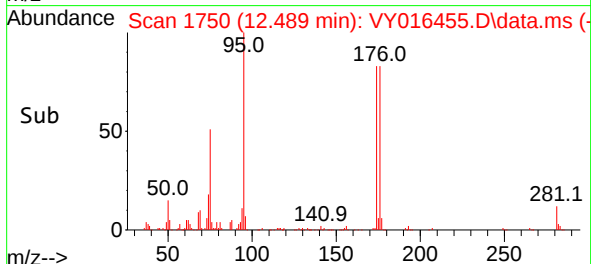
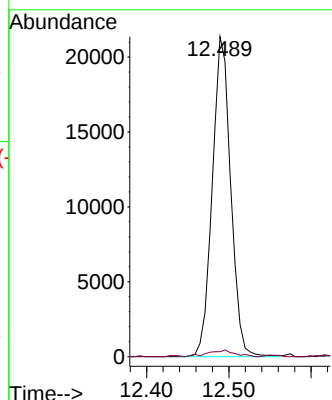
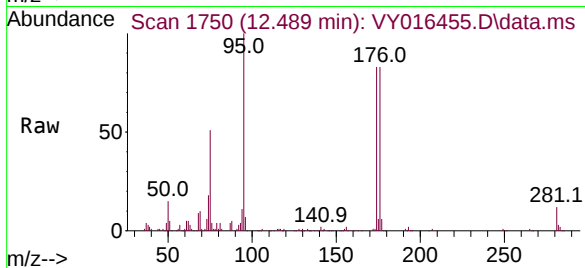
ClientSampleId :

Tgt Ion: 75 Resp: 33202

Ion Ratio Lower Upper

75 100

77 3.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.424 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016455.D

Acq: 22 Nov 2023 12:26

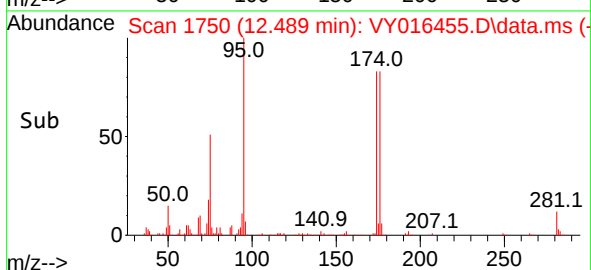
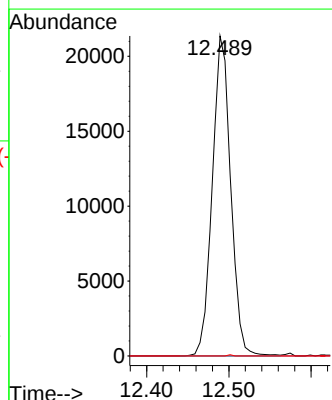
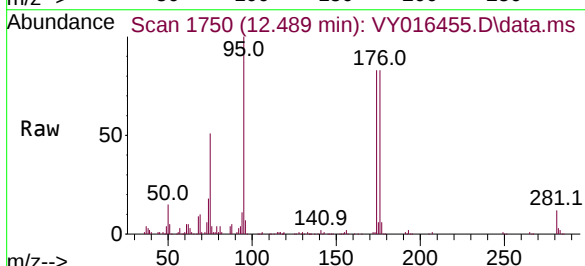
Tgt Ion: 75 Resp: 33202

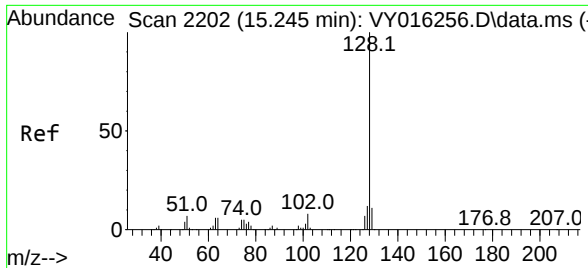
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

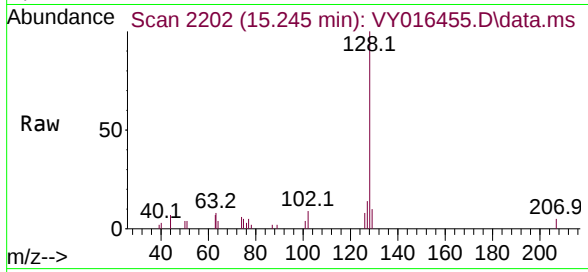
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 2.691 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY016455.D
Acq: 22 Nov 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	6040
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	11.5	8.6	13.0

