

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006868.D
 Acq On : 23 Nov 2021 14:34
 Operator : SY/MD
 Sample : M4781-01RE
 Misc : 4.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:04:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	89044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	152478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	135767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66042	56.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.728	113	47141	50.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.185	98	190605	49.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.489	95	55237	42.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.560%

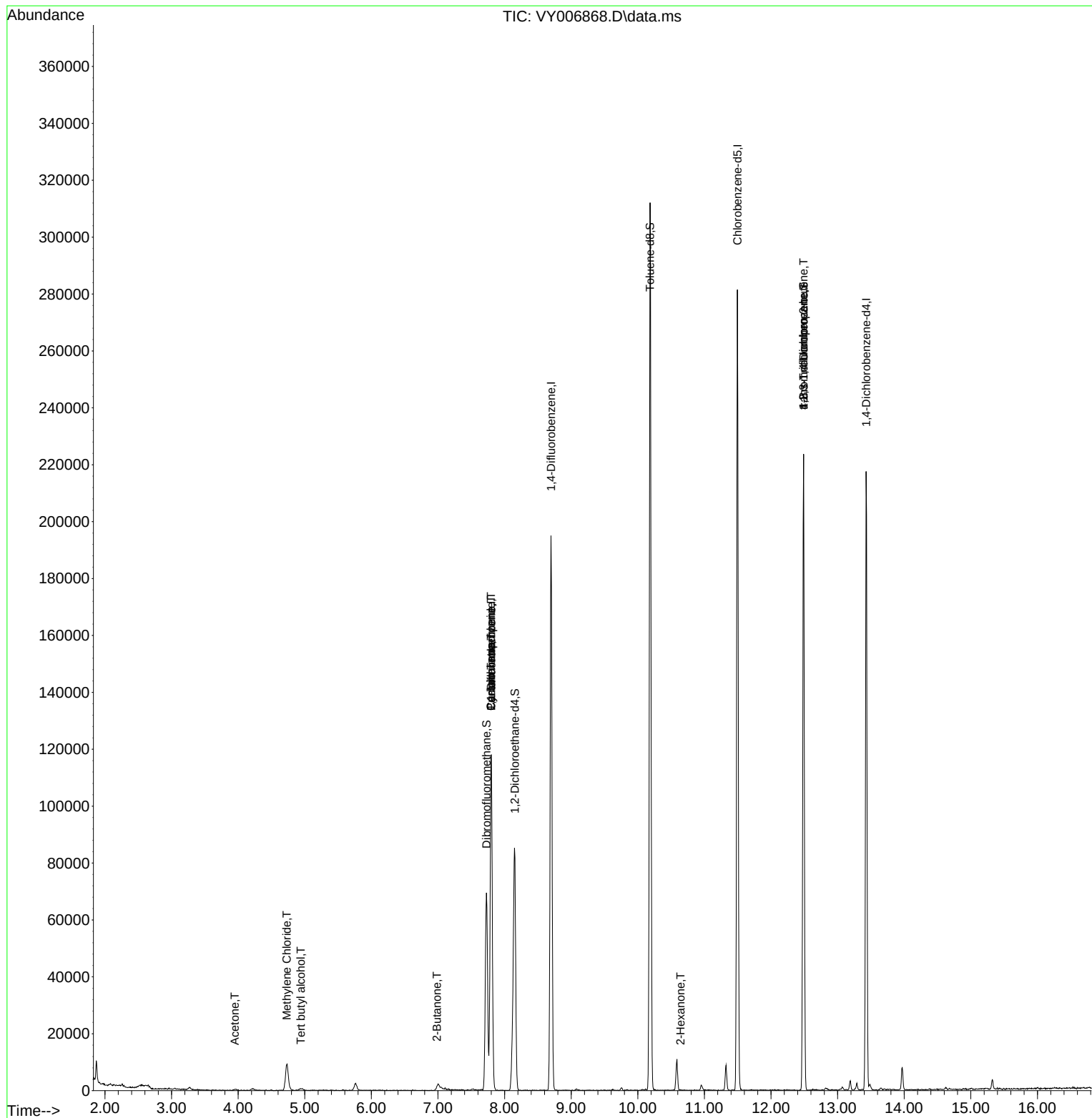
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	1009	5.749	ug/l #	72
16) Acetone	3.948	43	774	2.183	ug/l	97
20) Methylene Chloride	4.728	84	6396	2.811	ug/l	93
25) 2-Butanone	6.984	43	26	11.548	ug/l #	52
31) Cyclohexane	7.795	56	2359	1.150	ug/l #	39
36) 1,1-Dichloropropene	7.795	75	7796	4.704	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9133	5.388	ug/l #	17
59) 2-Hexanone	10.642	43	51	23.874	ug/l #	28
76) 1,2,3-Trichloropropane	12.489	75	31619	53.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	31619	105.891	ug/l #	7

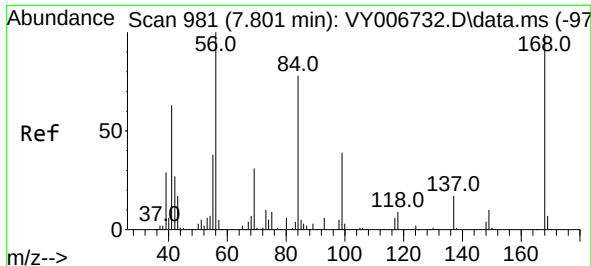
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

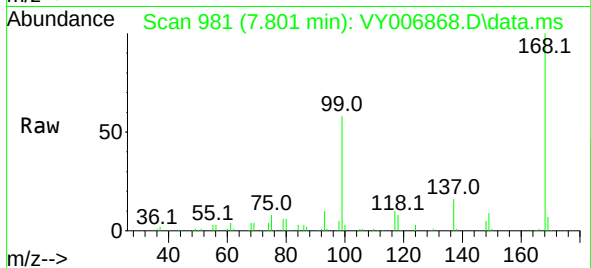
Quant Time: Nov 24 02:04:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
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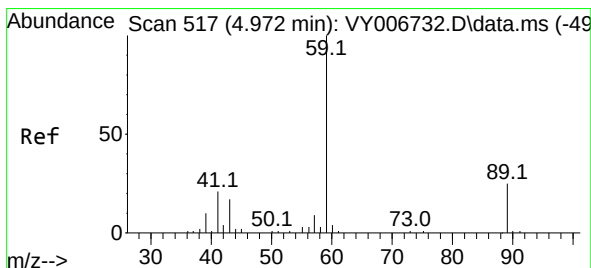
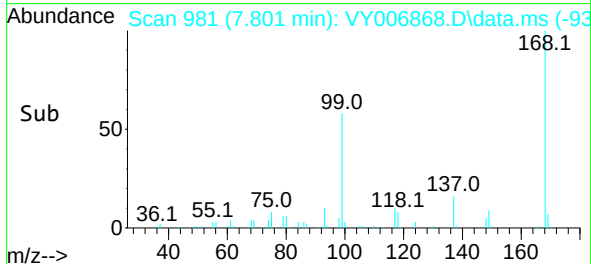
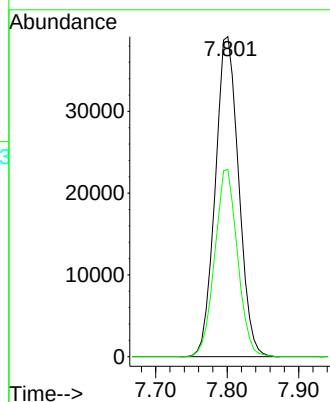


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

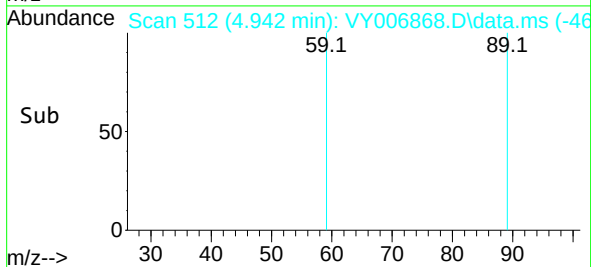
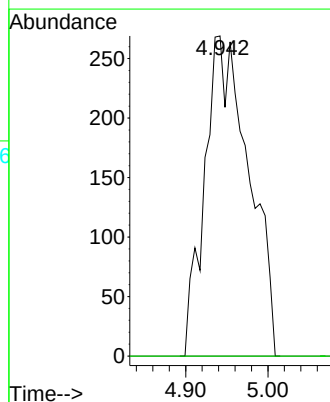
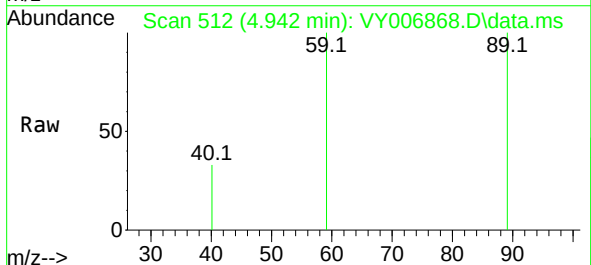


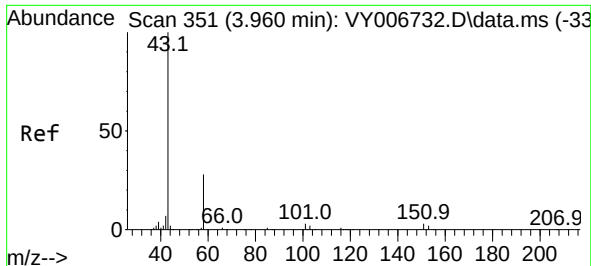
Tgt Ion:168 Resp: 89044
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.749 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

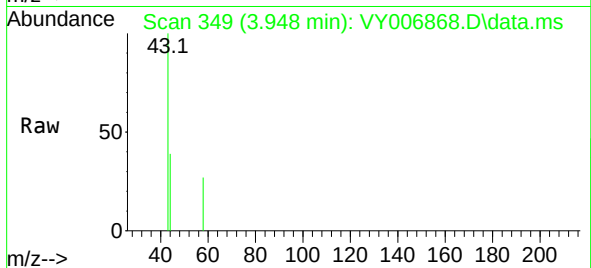
Tgt Ion: 59 Resp: 1009
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



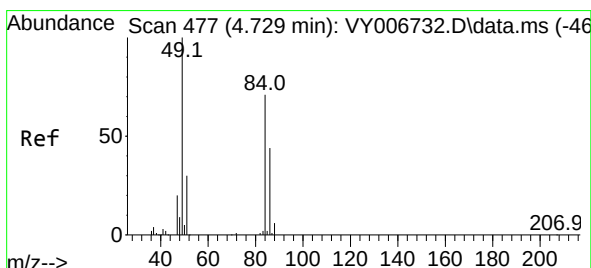
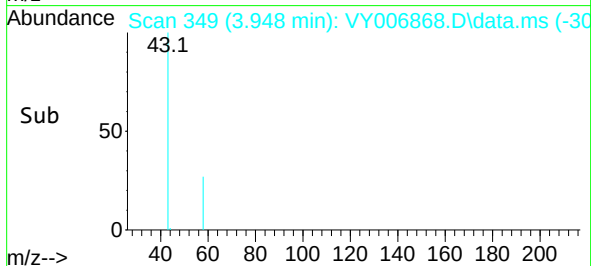
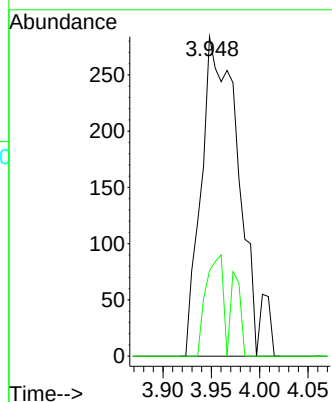


#16
Acetone
Concen: 2.183 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

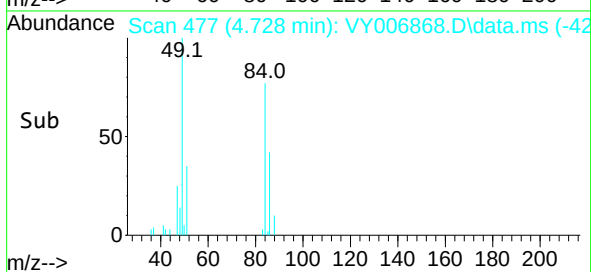
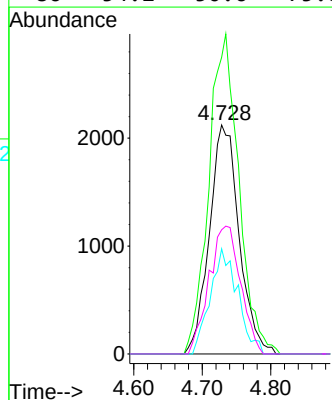
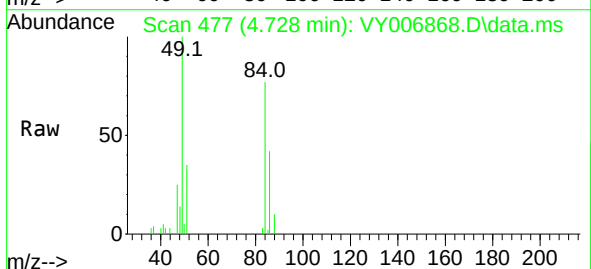


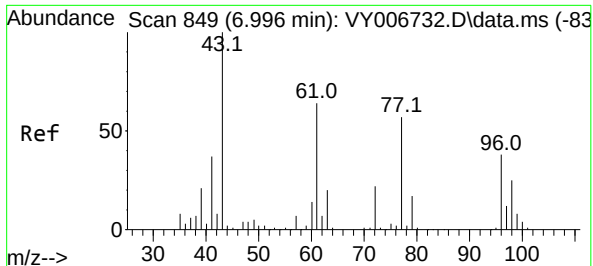
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 26.8 22.9 34.3



#20
Methylene Chloride
Concen: 2.811 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion: 84 Resp: 6396
Ion Ratio Lower Upper
84 100
49 129.6 107.8 161.8
51 45.9 32.8 49.2
86 54.2 50.6 75.8





#25

2-Butanone

Concen: 11.548 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

Instrument :

MSVOA_Y

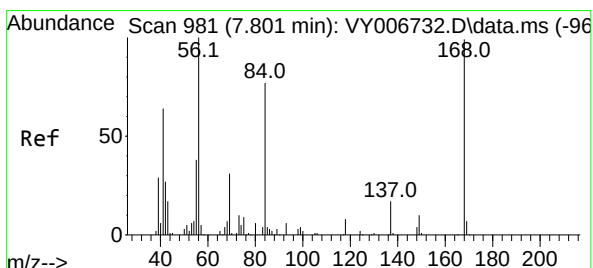
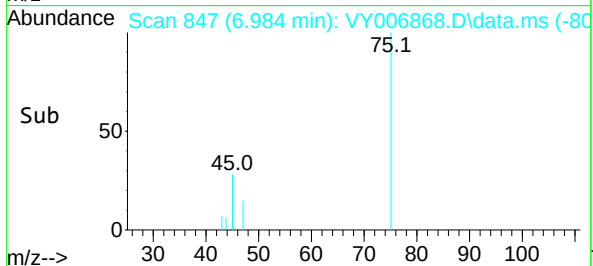
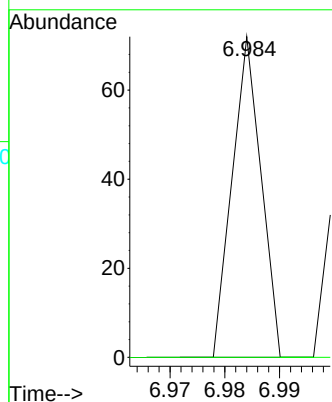
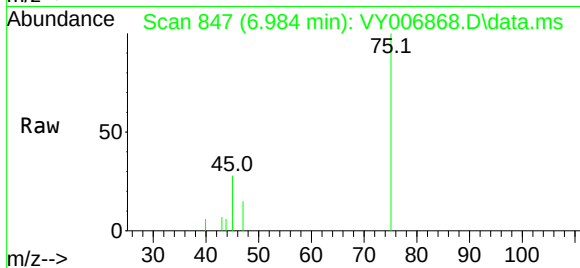
ClientSampleId :

Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.150 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

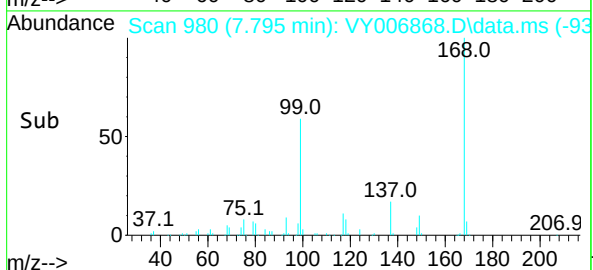
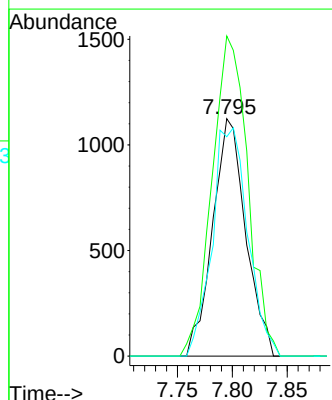
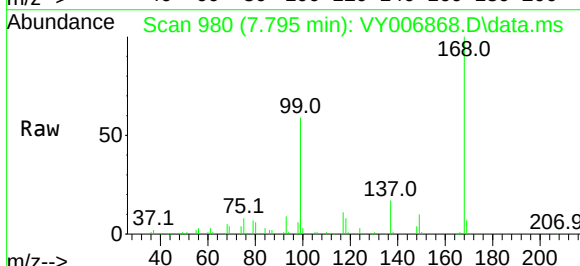
Tgt Ion: 56 Resp: 2359

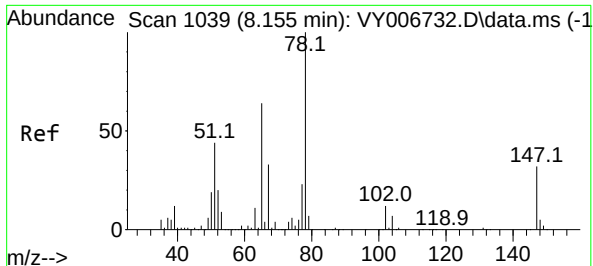
Ion Ratio Lower Upper

56 100

69 134.9 26.6 40.0#

84 92.4 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 56.590 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

Instrument :

MSVOA_Y

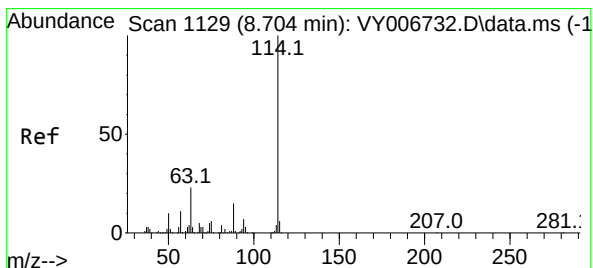
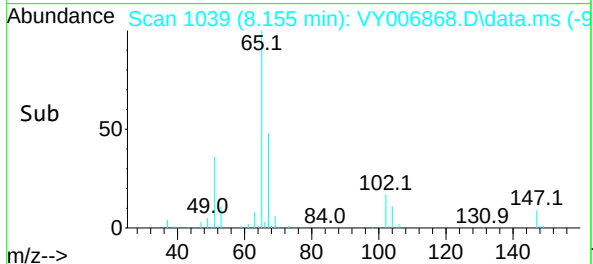
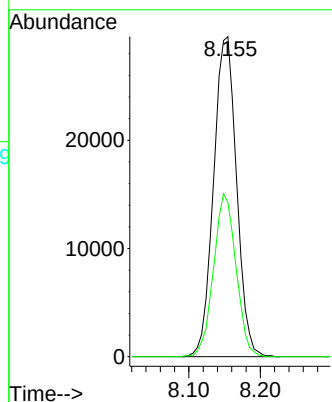
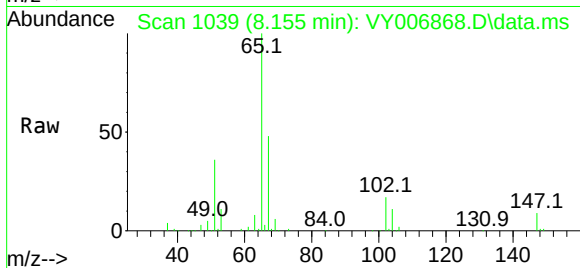
ClientSampleId :

Tgt Ion: 65 Resp: 66042

Ion Ratio Lower Upper

65 100

67 49.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006868.D

Acq: 23 Nov 2021 14:34

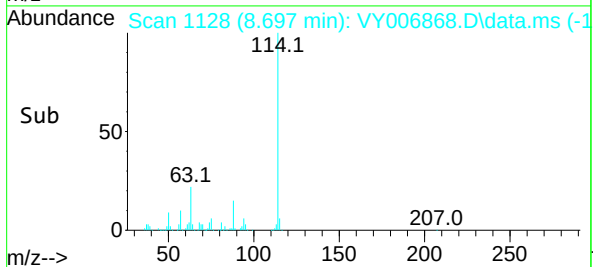
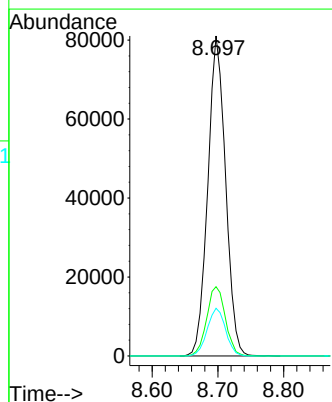
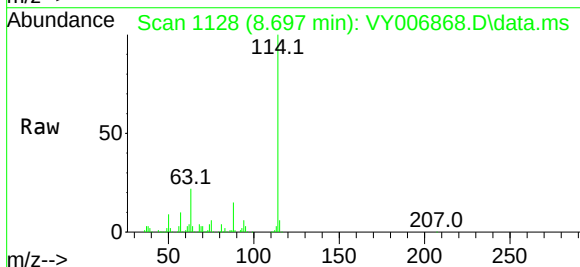
Tgt Ion: 114 Resp: 152478

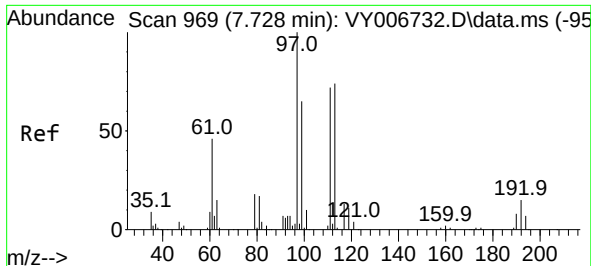
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

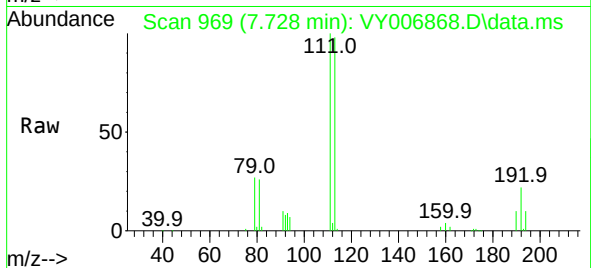
88 14.9 0.0 30.6



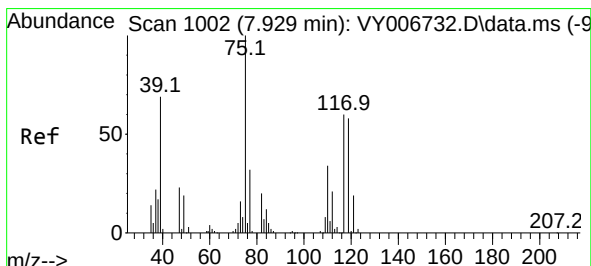
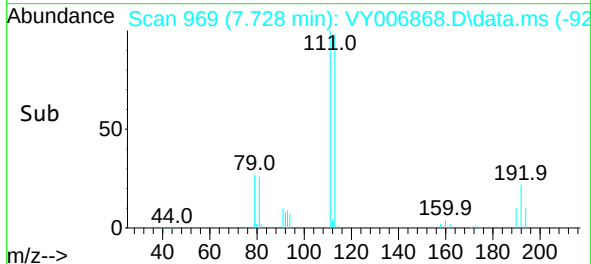
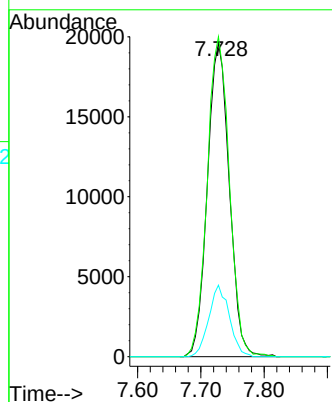


#35
Dibromofluoromethane
Concen: 50.333 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

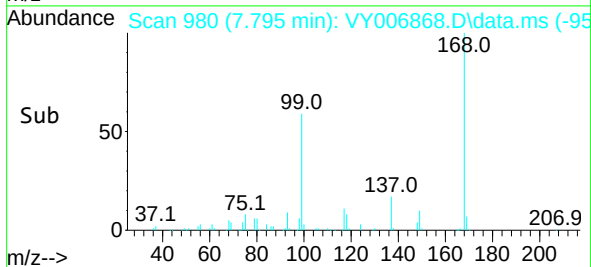
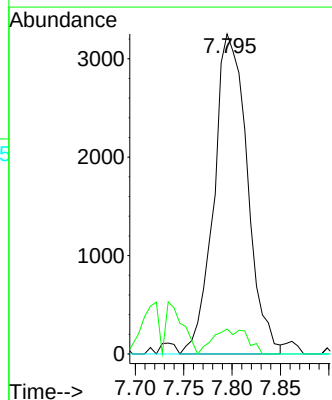
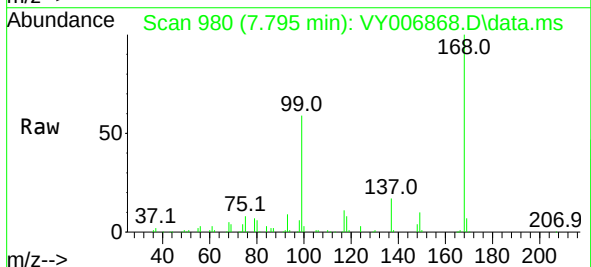


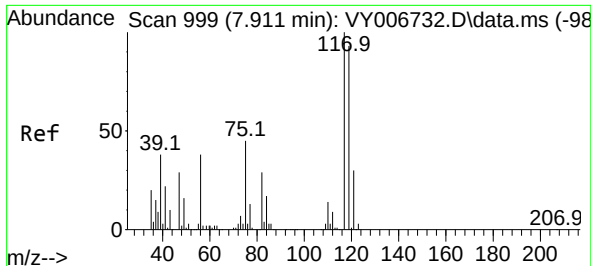
Tgt Ion:113 Resp: 47141
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 21.4 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

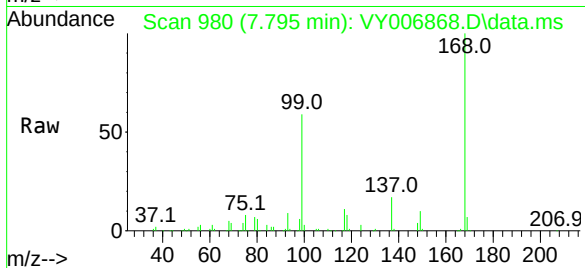
Tgt Ion: 75 Resp: 7796
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.3#
77 0.0 24.9 37.3#



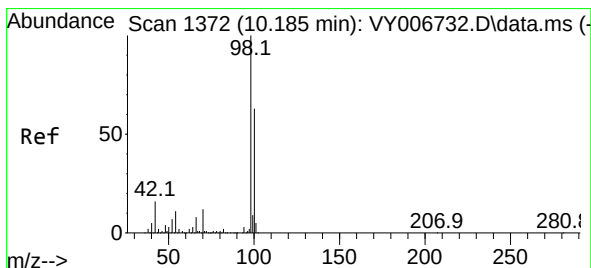
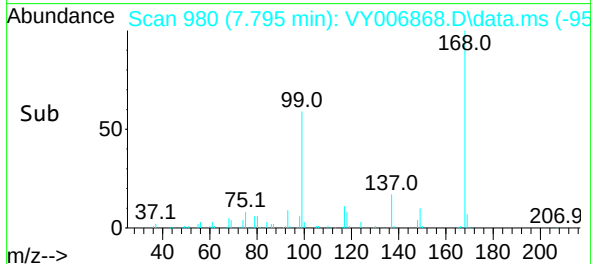
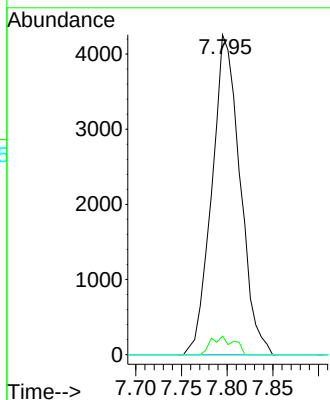


#38
Carbon Tetrachloride
Concen: 5.388 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

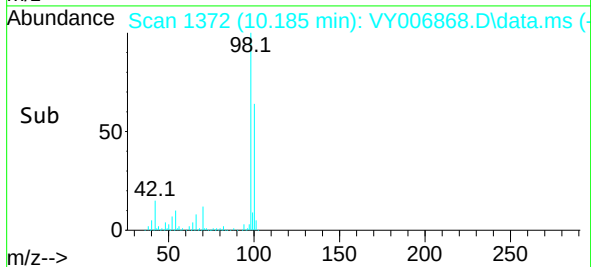
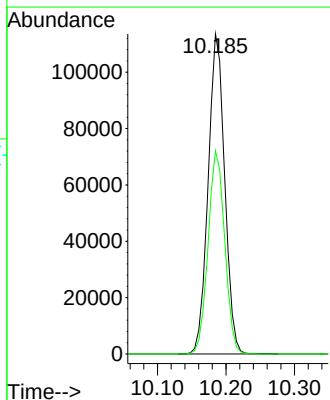
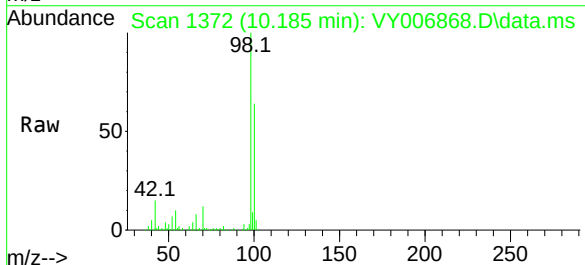


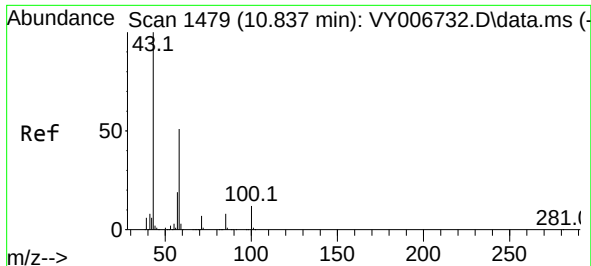
Tgt Ion:117 Resp: 9133
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion: 98 Resp: 190605
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

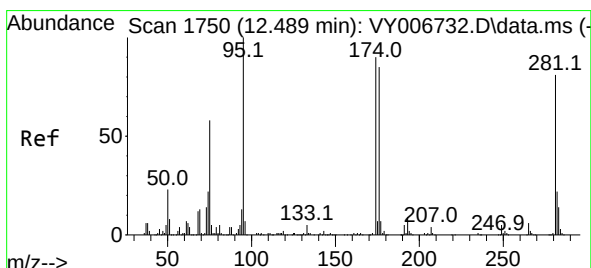
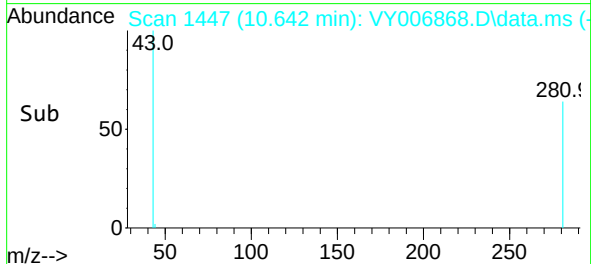
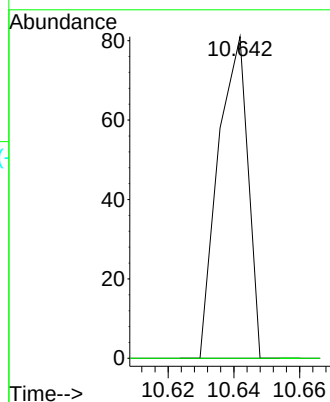
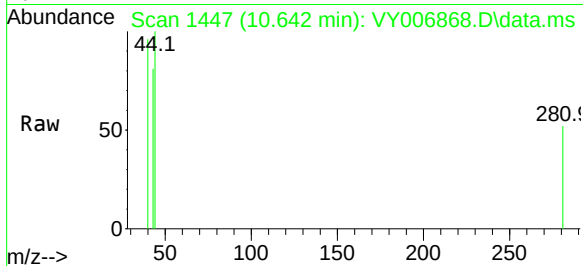




#59
2-Hexanone
Concen: 23.874 ug/l
RT: 10.642 min Scan# 1479
Delta R.T. -0.195 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

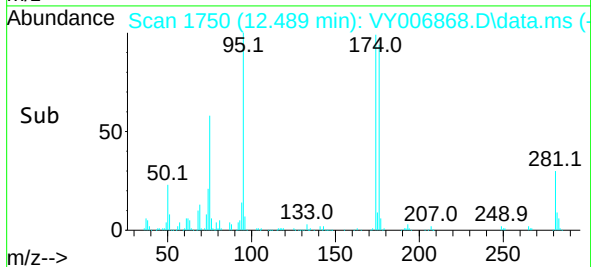
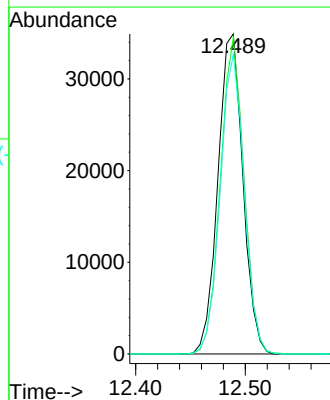
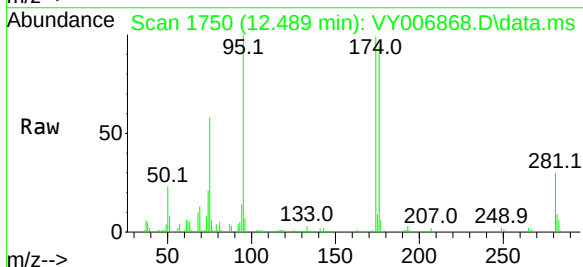
Instrument :
MSVOA_Y
ClientSampleId :

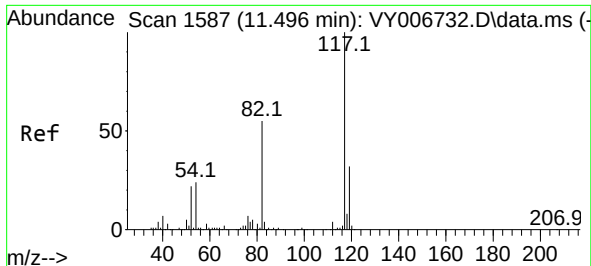
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

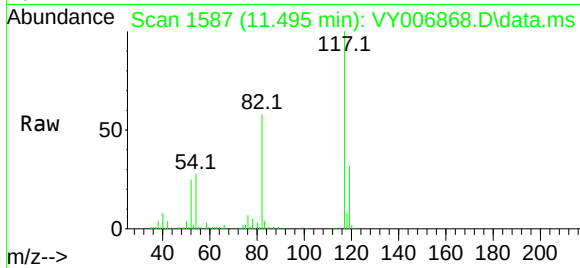
Tgt Ion: 95 Resp: 55237
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.1 0.0 169.4



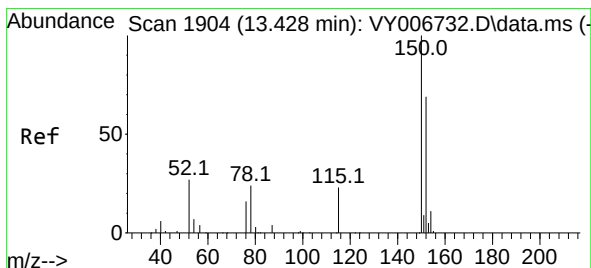
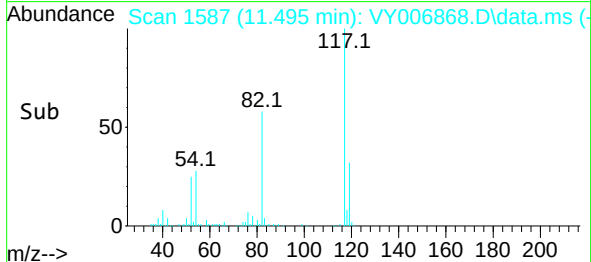
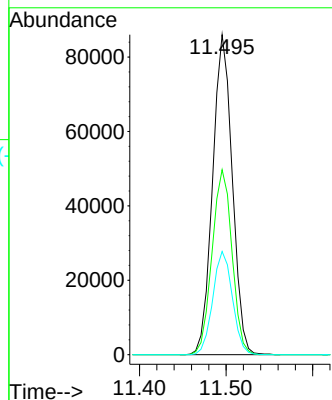


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

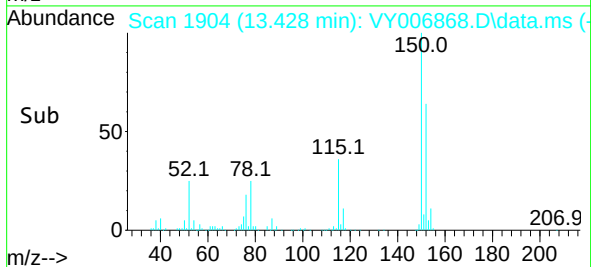
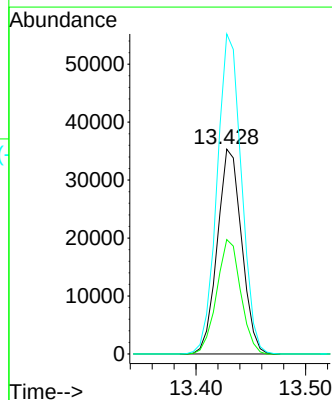
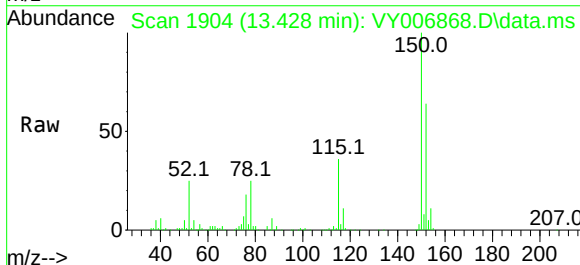


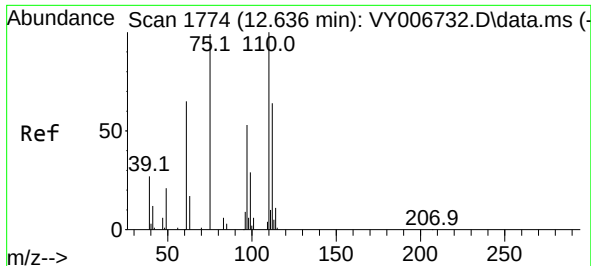
Tgt Ion:117 Resp: 135767
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion:152 Resp: 54420
Ion Ratio Lower Upper
152 100
115 55.1 28.5 85.5
150 156.8 0.0 348.2

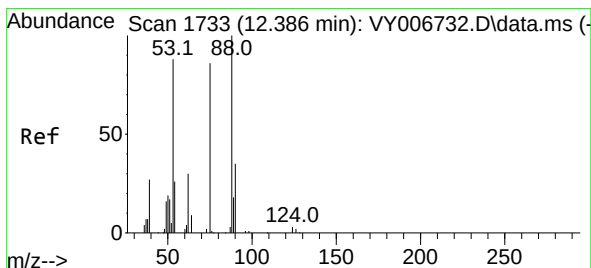
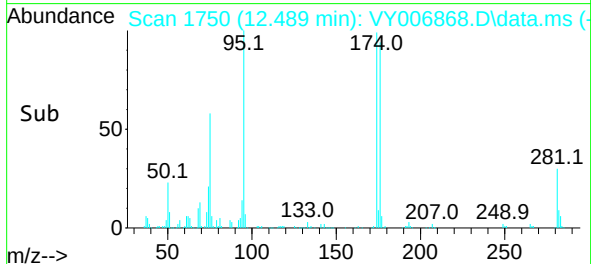
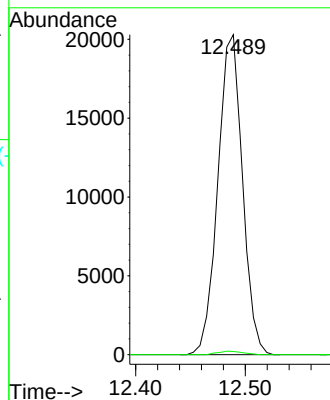
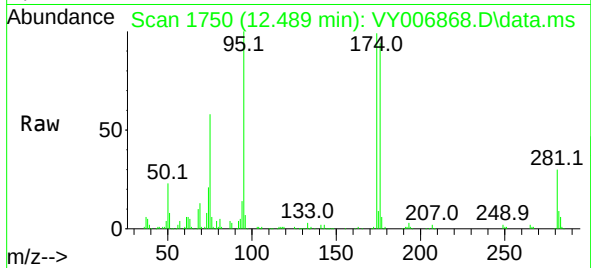




#76
1,2,3-Trichloropropane
Concen: 53.441 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31619
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.891 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY006868.D
Acq: 23 Nov 2021 14:34

Tgt Ion: 75 Resp: 31619
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

