

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006870.D
 Acq On : 23 Nov 2021 15:21
 Operator : SY/MD
 Sample : M4808-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:04:53 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)

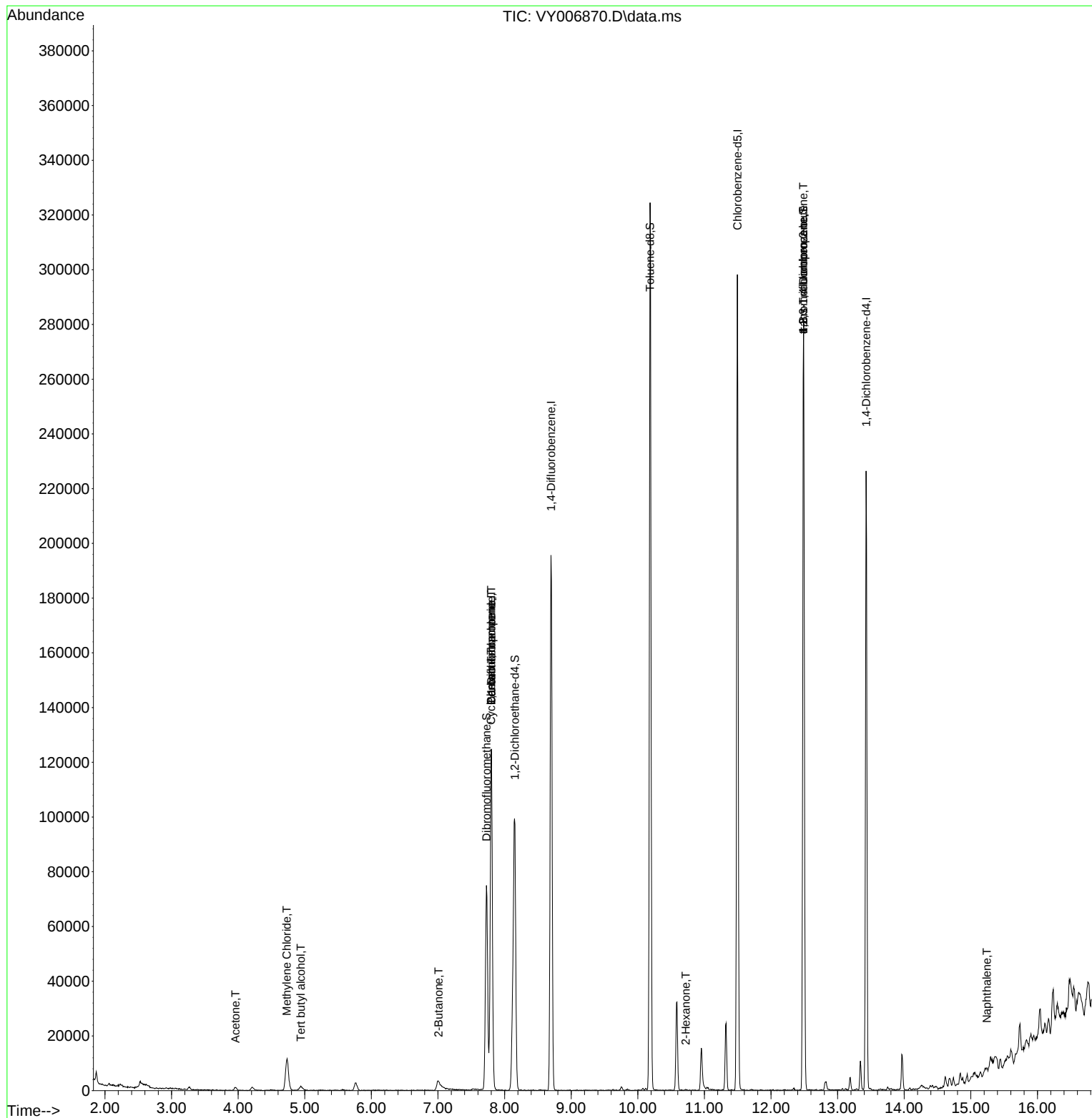
Internal Standards						
1) Pentafluorobenzene	7.801	168	92619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71812	59.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.320%			
35) Dibromofluoromethane	7.728	113	49945	51.996	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.185	98	199927	50.298	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.483	95	61450	45.858	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	1695	9.285	ug/l #	72
16) Acetone	3.960	43	2025	5.491	ug/l	93
20) Methylene Chloride	4.729	84	8257	4.376	ug/l	89
25) 2-Butanone	7.009	43	263	11.968	ug/l #	52
31) Cyclohexane	7.795	56	2413	1.131	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	8104	4.768	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9118	5.244	ug/l #	16
59) 2-Hexanone	10.721	43	159	23.991	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	35650	54.721	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35650	108.428	ug/l #	7
95) Naphthalene	15.239	128	2239	1.037	ug/l #	94

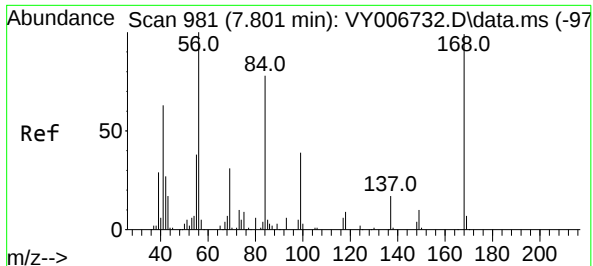
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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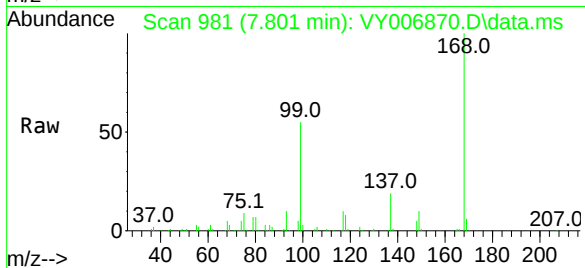
Quant Time: Nov 24 02:04:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
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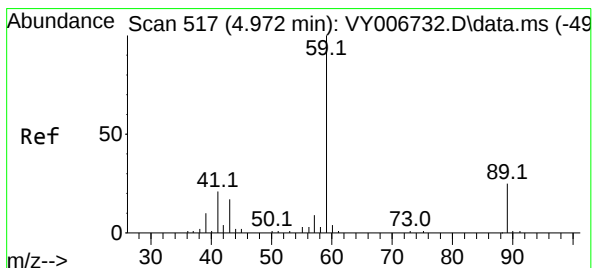
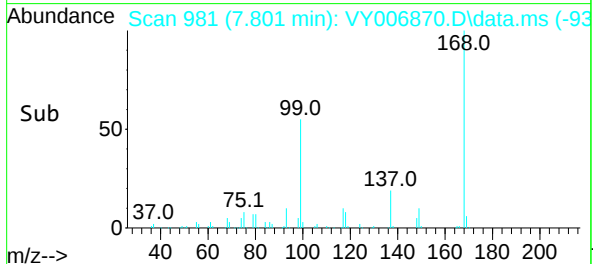
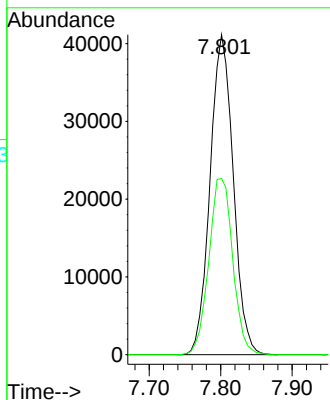


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

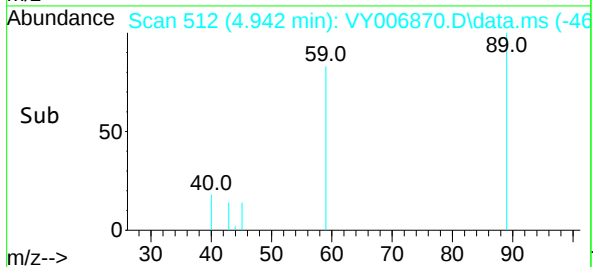
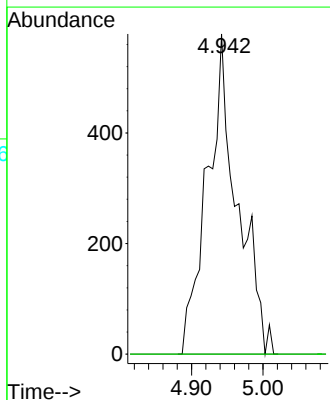
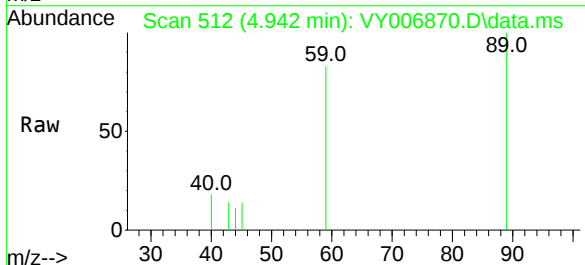


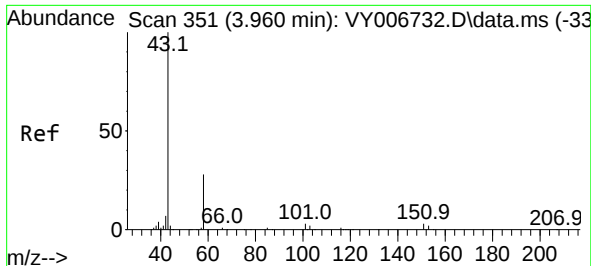
Tgt Ion:168 Resp: 92619
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 9.285 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

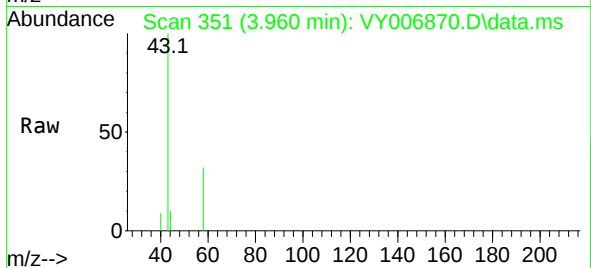
Tgt Ion: 59 Resp: 1695
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



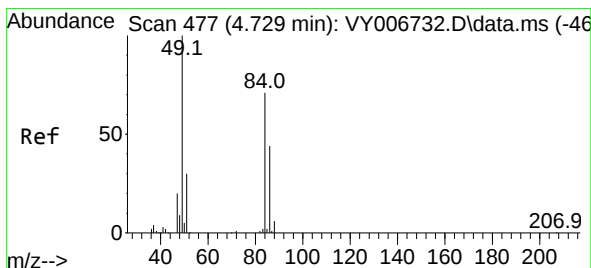
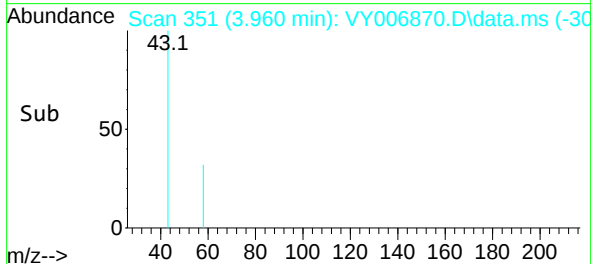
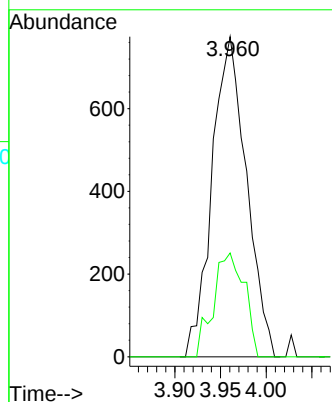


#16
Acetone
Concen: 5.491 ug/l
RT: 3.960 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

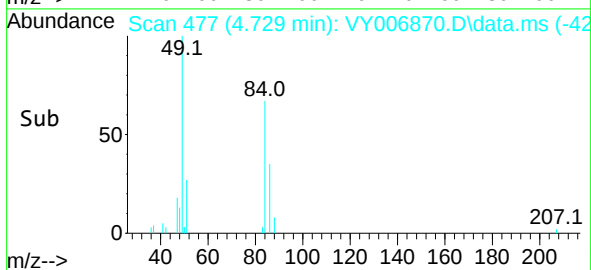
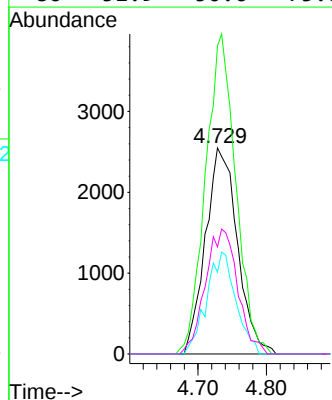
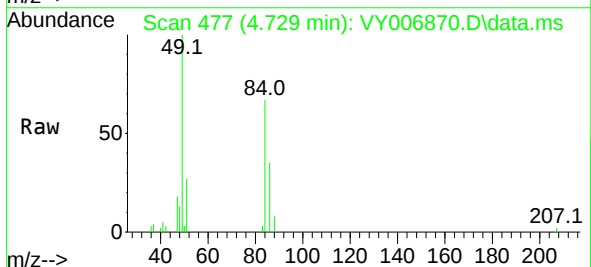


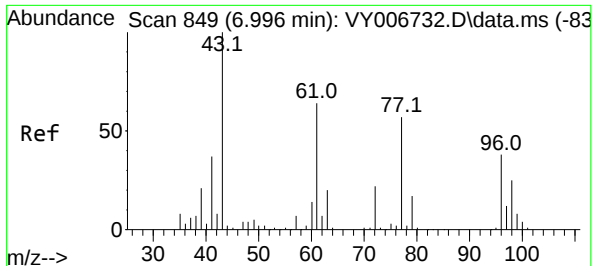
Tgt Ion: 43 Resp: 2025
Ion Ratio Lower Upper
43 100
58 32.4 22.9 34.3



#20
Methylene Chloride
Concen: 4.376 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Tgt Ion: 84 Resp: 8257
Ion Ratio Lower Upper
84 100
49 149.5 107.8 161.8
51 39.7 32.8 49.2
86 51.9 50.6 75.8





#25

2-Butanone

Concen: 11.968 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY006870.D

Acq: 23 Nov 2021 15:21

Instrument :

MSVOA_Y

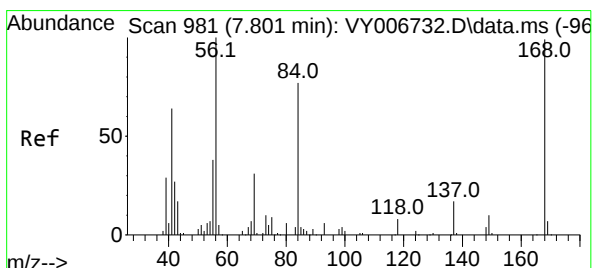
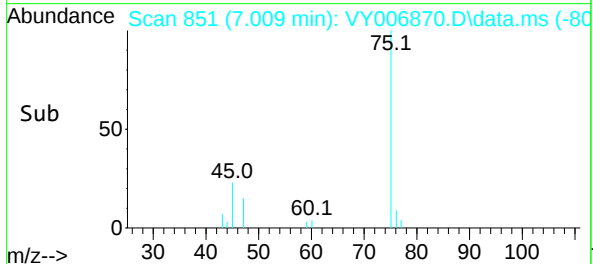
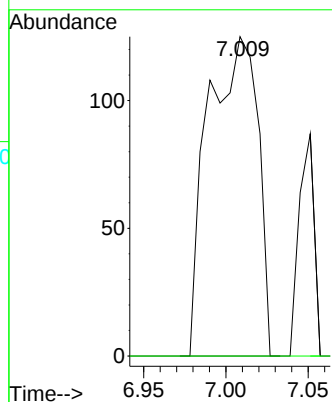
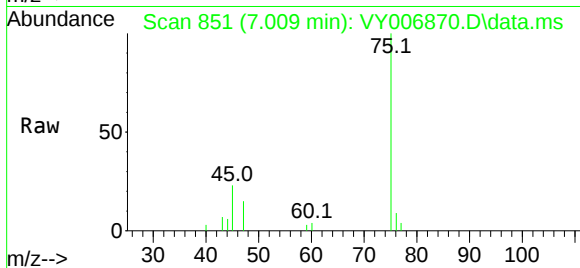
ClientSampleId :

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006870.D

Acq: 23 Nov 2021 15:21

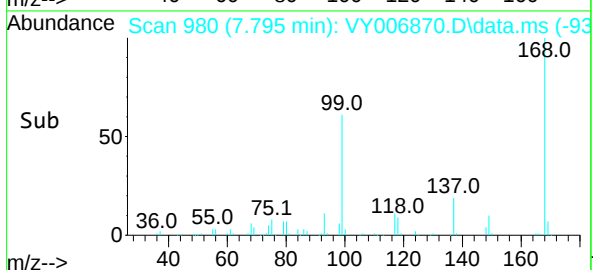
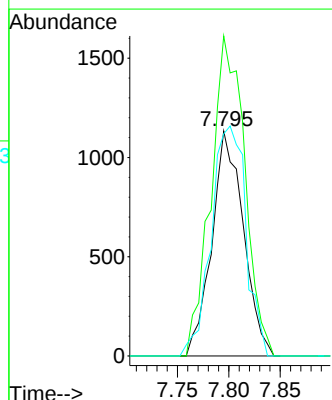
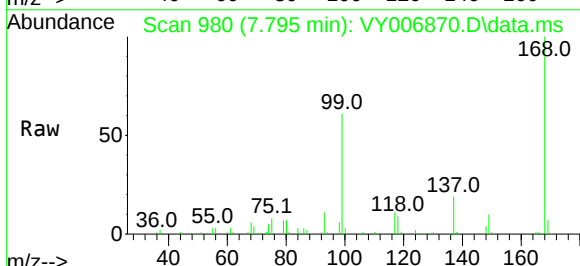
Tgt Ion: 56 Resp: 2413

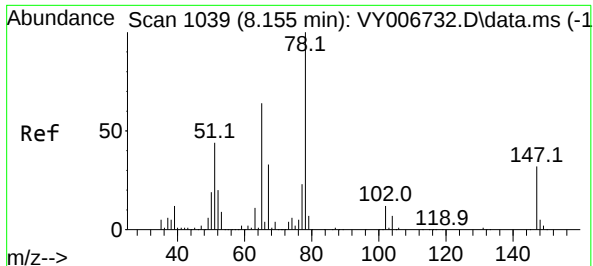
Ion Ratio Lower Upper

56 100

69 142.3 26.6 40.0#

84 114.2 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 59.159 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006870.D

Acq: 23 Nov 2021 15:21

Instrument :

MSVOA_Y

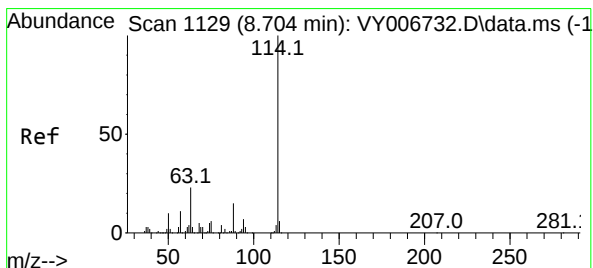
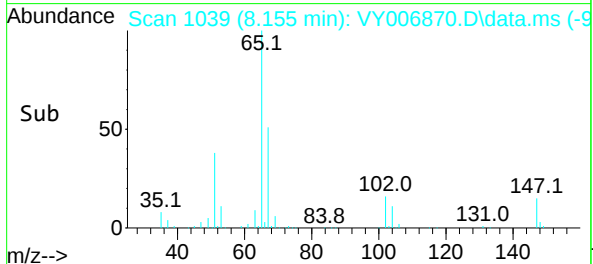
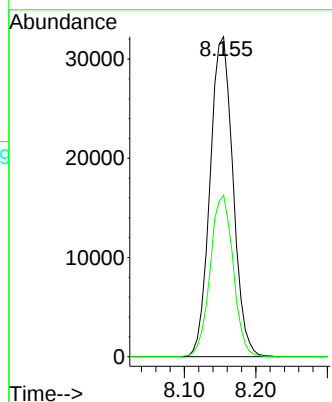
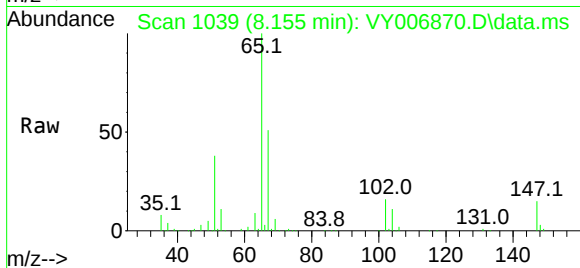
ClientSampleId :

Tgt Ion: 65 Resp: 71812

Ion Ratio Lower Upper

65 100

67 50.5 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: VY006870.D

Acq: 23 Nov 2021 15:21

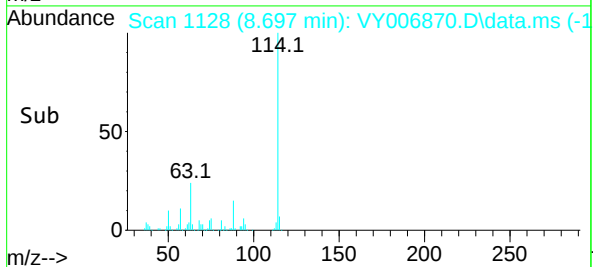
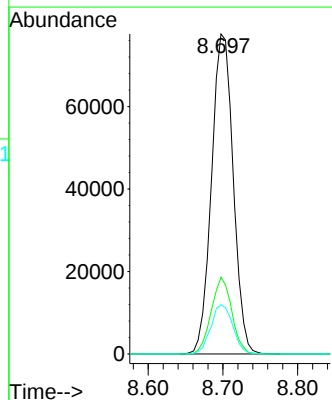
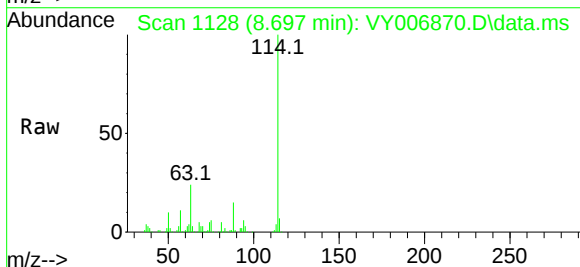
Tgt Ion: 114 Resp: 156380

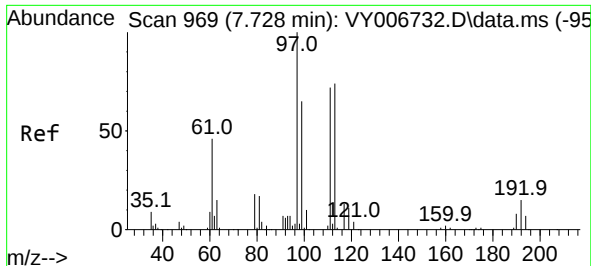
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

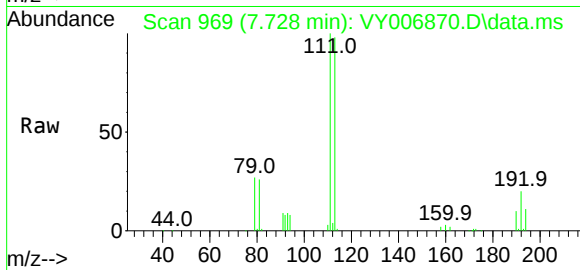
88 15.4 0.0 30.6



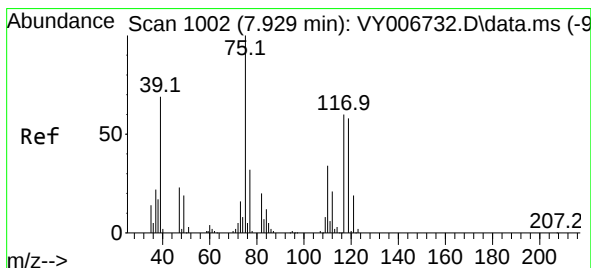
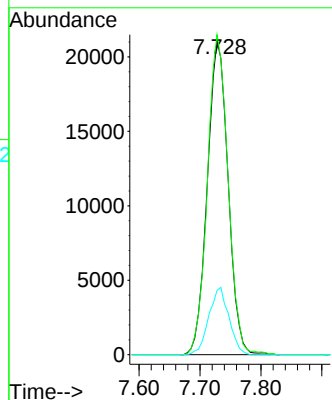
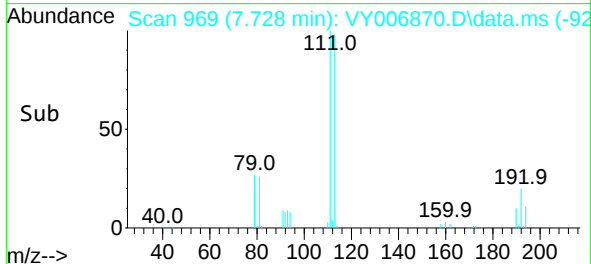


#35
Dibromofluoromethane
Concen: 51.996 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

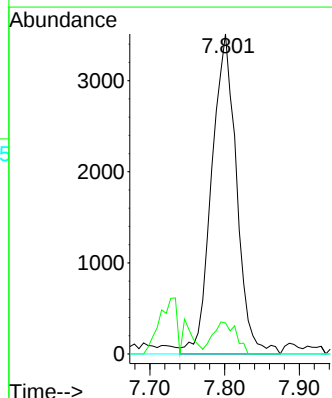
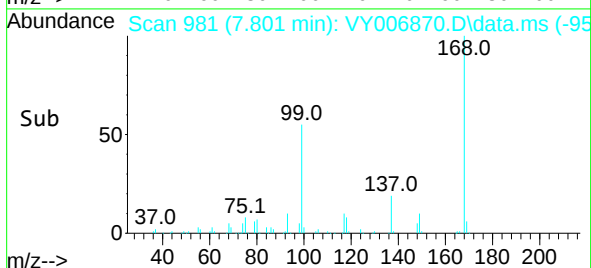
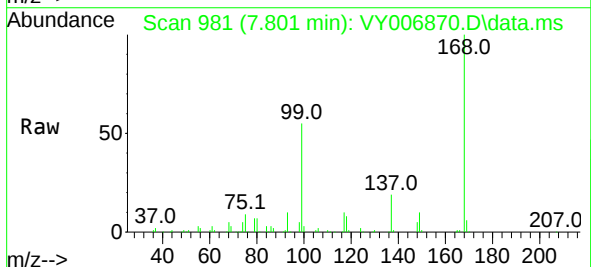


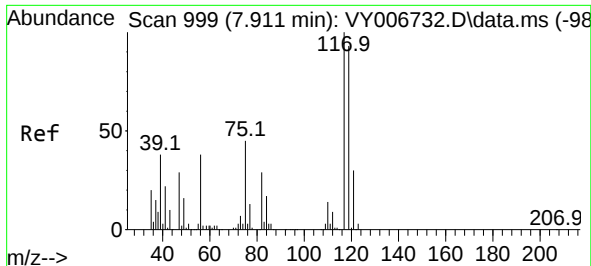
Tgt Ion:113 Resp: 49945
Ion Ratio Lower Upper
113 100
111 101.4 82.3 123.5
192 20.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

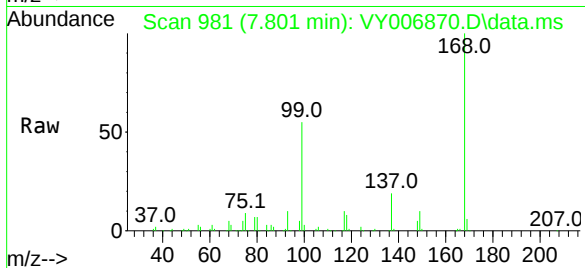
Tgt Ion: 75 Resp: 8104
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 24.9 37.3#



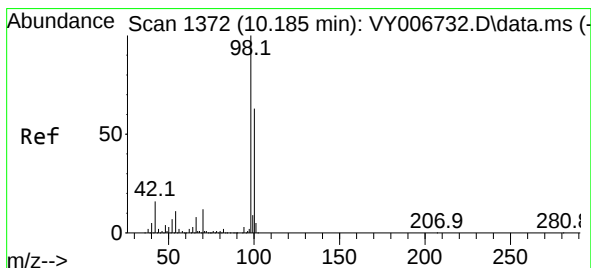
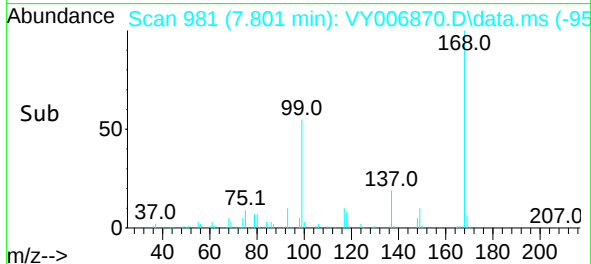
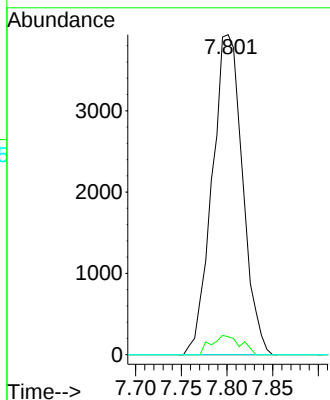


#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.801 min Scan# 9118
Delta R.T. -0.110 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

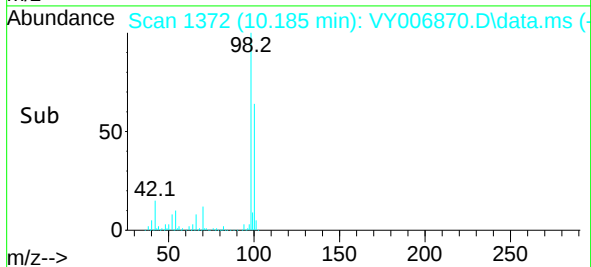
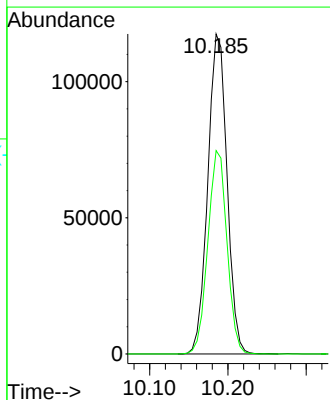
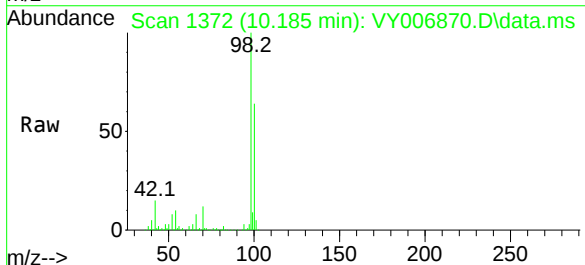


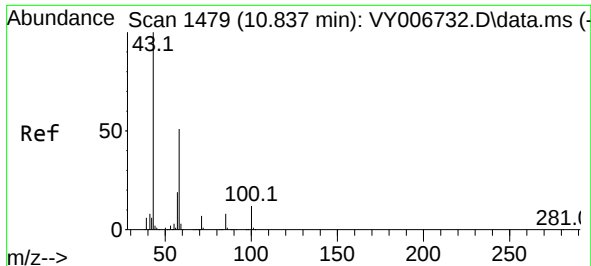
Tgt Ion:117 Resp: 9118
Ion Ratio Lower Upper
117 100
119 5.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

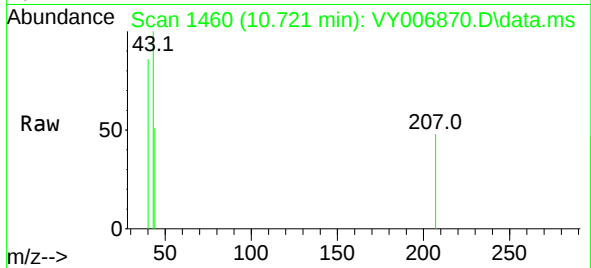
Tgt Ion: 98 Resp: 199927
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



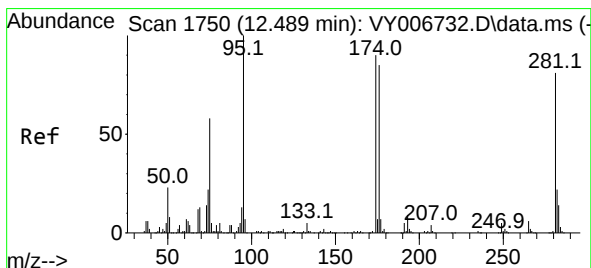
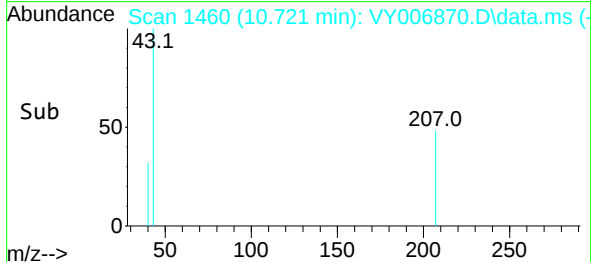
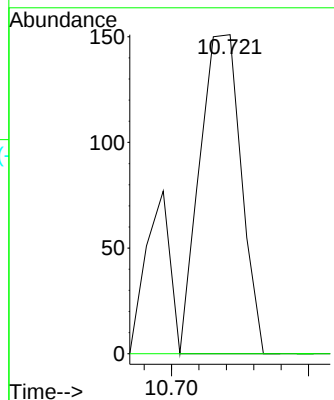


#59
2-Hexanone
Concen: 23.991 ug/l
RT: 10.721 min Scan# 1479
Delta R.T. -0.116 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

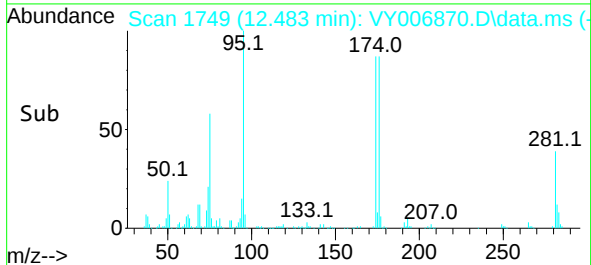
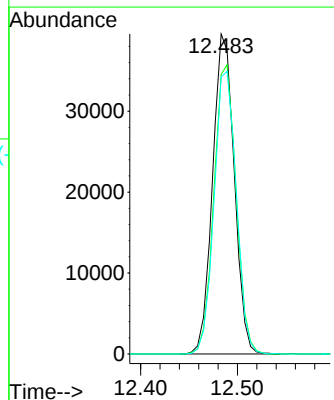
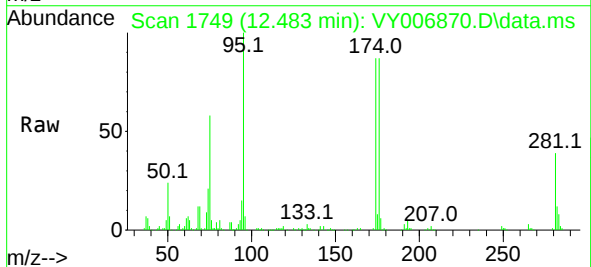


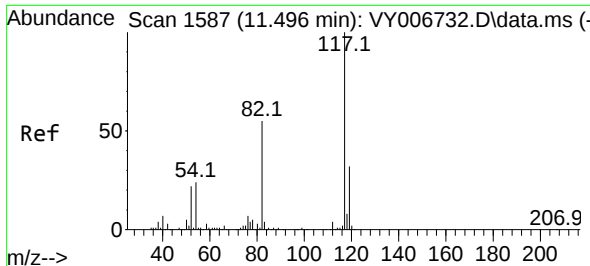
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 45.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Tgt Ion: 95 Resp: 61450
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 90.4 0.0 169.4

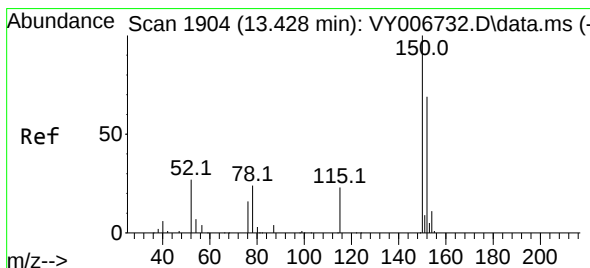
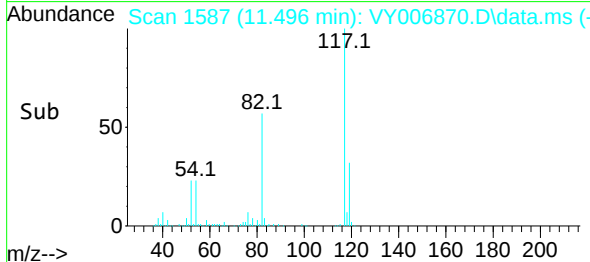
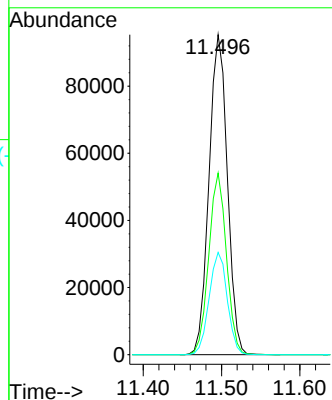
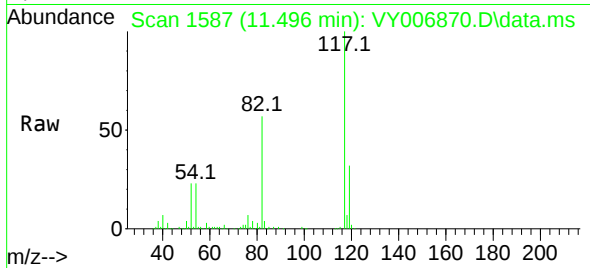




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

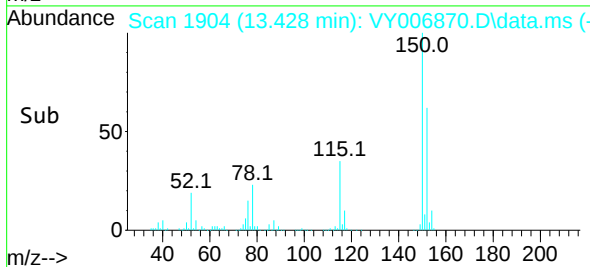
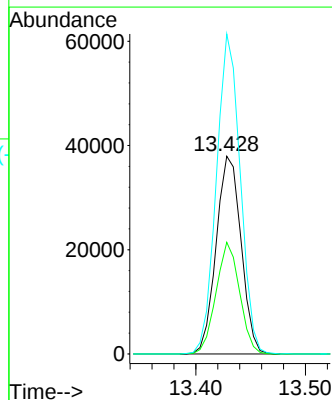
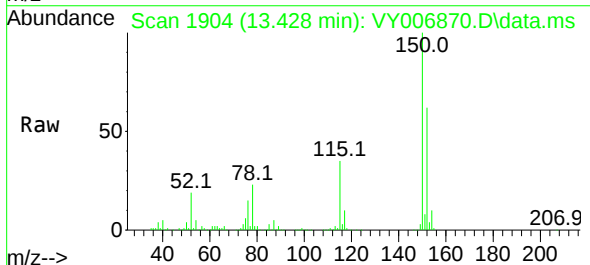
Instrument :
MSVOA_Y
ClientSampleId :

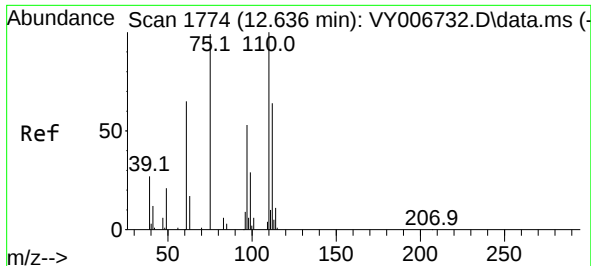
Tgt Ion:117 Resp: 154942
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006870.D
Acq: 23 Nov 2021 15:21

Tgt Ion:152 Resp: 59922
Ion Ratio Lower Upper
152 100
115 53.4 28.5 85.5
150 155.0 0.0 348.2

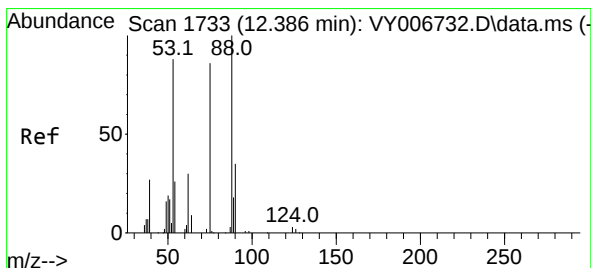
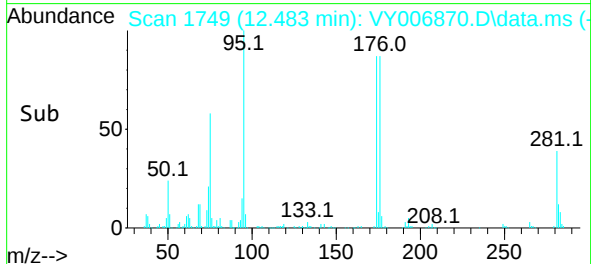
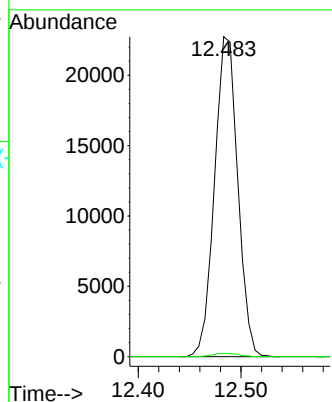
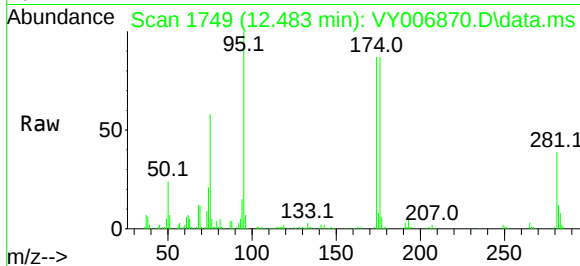




#76
 1,2,3-Trichloropropane
 Concen: 54.721 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006870.D
 Acq: 23 Nov 2021 15:21

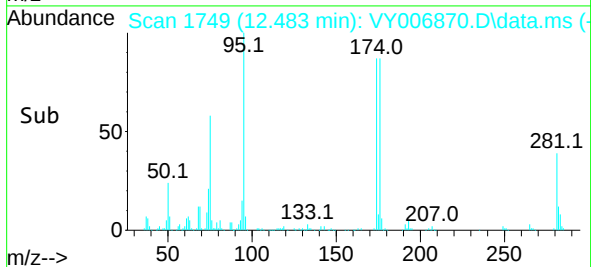
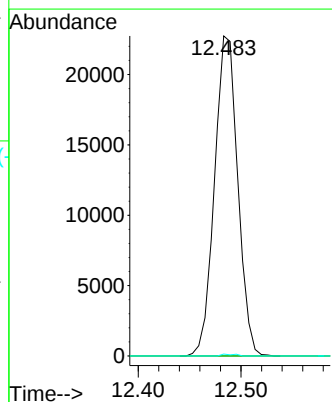
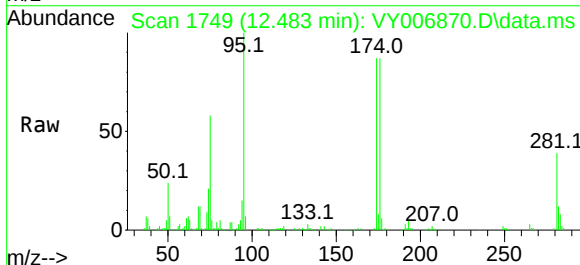
Instrument :
 MSVOA_Y
 ClientSampleId :

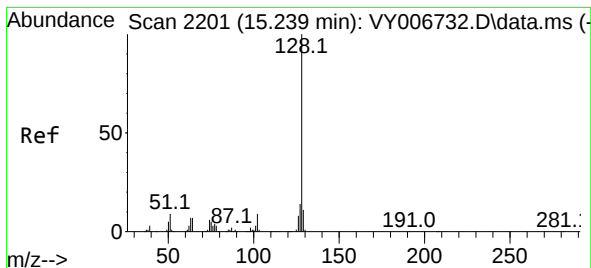
Tgt Ion: 75 Resp: 35650
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.428 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY006870.D
 Acq: 23 Nov 2021 15:21

Tgt Ion: 75 Resp: 35650
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.4 39.3 58.9#





#95

Naphthalene

Concen: 1.037 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

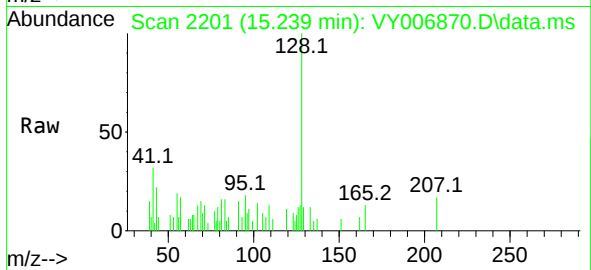
Lab File: VY006870.D

Acq: 23 Nov 2021 15:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	2239
Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.0	16.4
129	15.3	8.9	13.3

