

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006833.D
 Acq On : 19 Nov 2021 16:20
 Operator : SY/MD
 Sample : M4758-17
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:20:15 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)

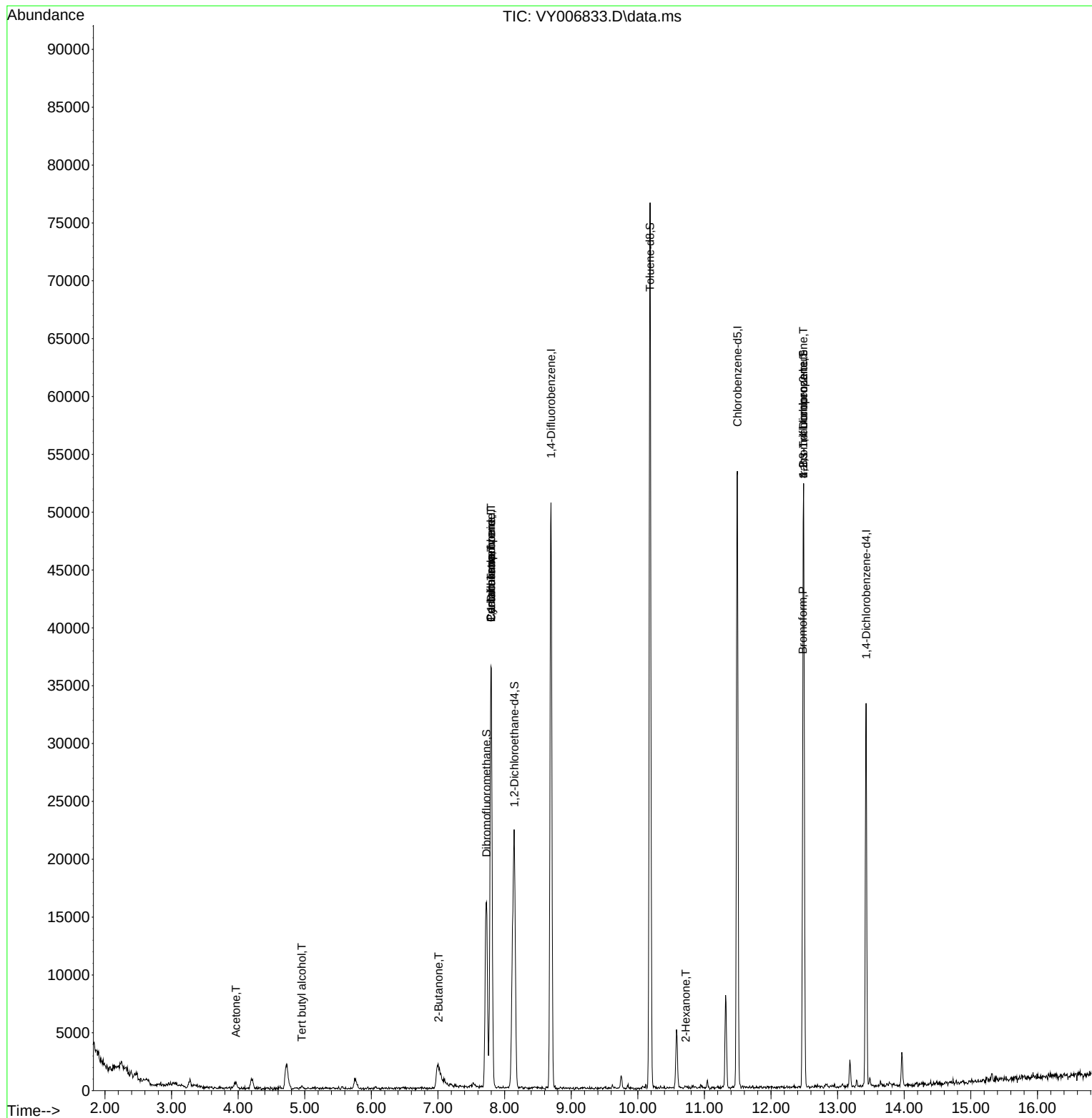
Internal Standards						
1) Pentafluorobenzene	7.795	168	27648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	39946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	27044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13668	37.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.440%		
35) Dibromofluoromethane	7.728	113	11181	45.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.140%		
50) Toluene-d8	10.185	98	47362	46.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.300%		
62) 4-Bromofluorobenzene	12.483	95	8813	25.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	51.500%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	211	3.872	ug/l #	72
16) Acetone	3.966	43	1213	11.018	ug/l #	83
25) 2-Butanone	7.008	43	51	11.804	ug/l #	52
31) Cyclohexane	7.795	56	793	1.245	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	2532	5.832	ug/l #	44
38) Carbon Tetrachloride	7.795	117	2880	6.485	ug/l #	12
59) 2-Hexanone	10.721	43	78	24.151	ug/l #	28
71) Bromoform	12.477	173	132	1.060	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	5388	65.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5388	128.816	ug/l #	7

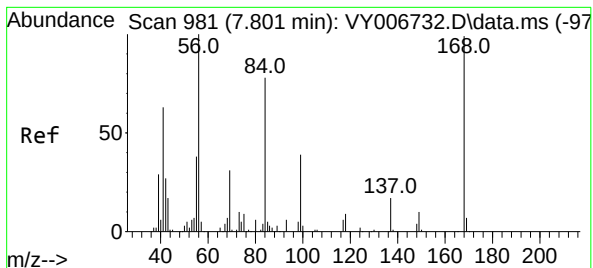
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY006833.D

Acq: 19 Nov 2021 16:20

Instrument :

MSVOA_Y

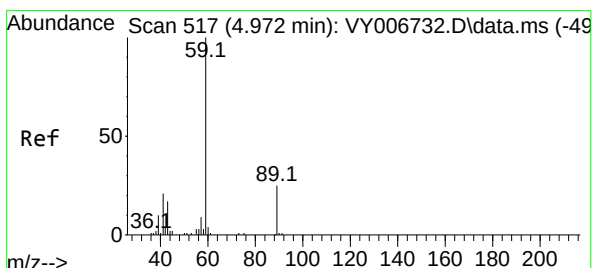
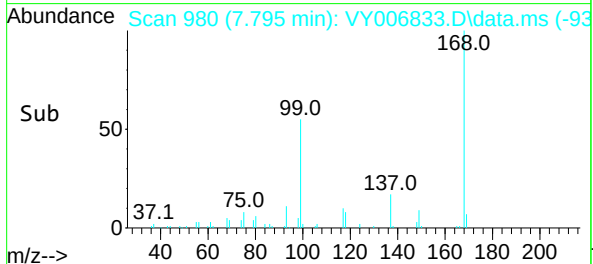
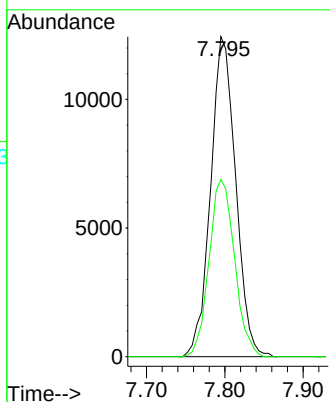
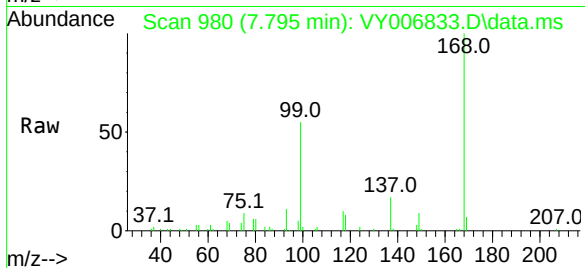
ClientSampleId :

Tgt Ion:168 Resp: 27648

Ion Ratio Lower Upper

168 100

99 55.4 44.8 67.2



#11

Tert butyl alcohol

Concen: 3.872 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.018 min

Lab File: VY006833.D

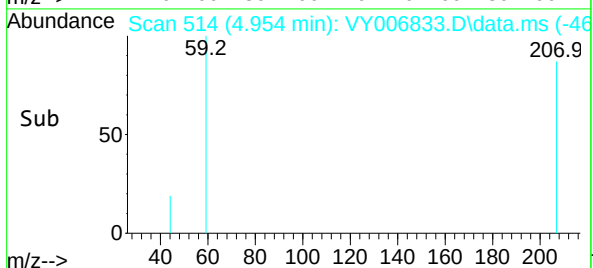
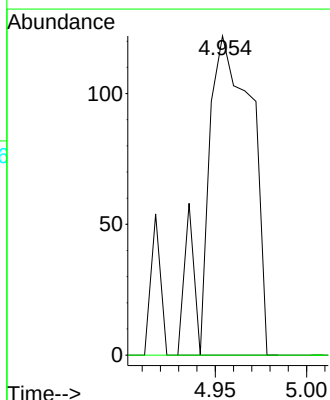
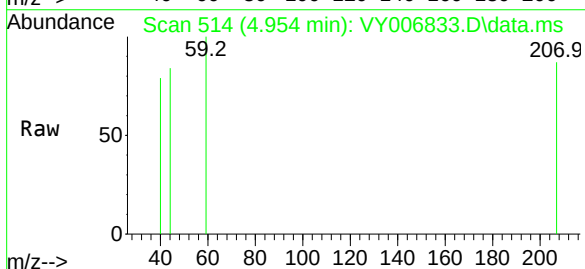
Acq: 19 Nov 2021 16:20

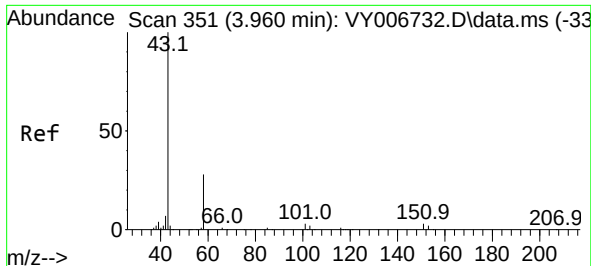
Tgt Ion: 59 Resp: 211

Ion Ratio Lower Upper

59 100

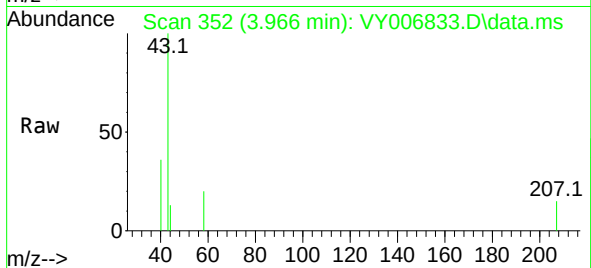
57 0.0 8.2 12.4#



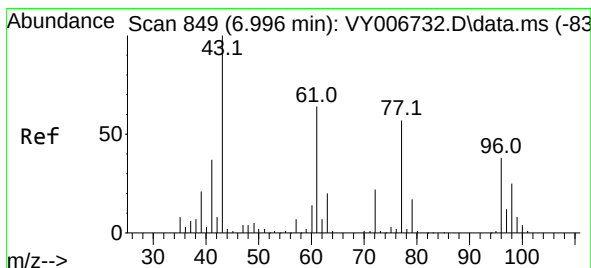
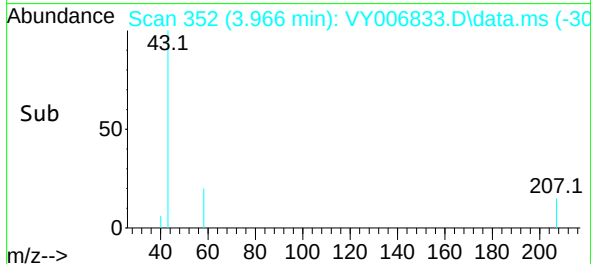
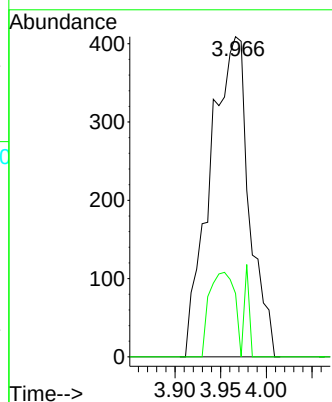


#16
Acetone
Concen: 11.018 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Instrument :
MSVOA_Y
ClientSampleId :

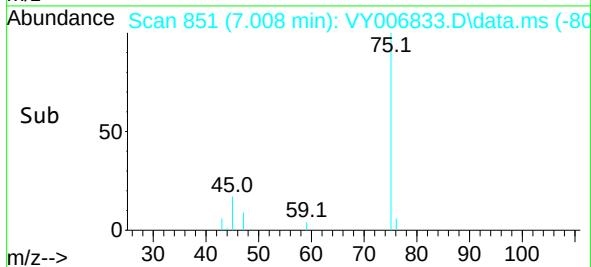
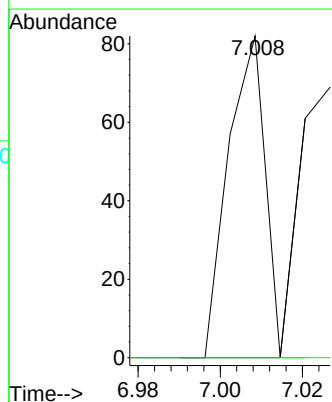
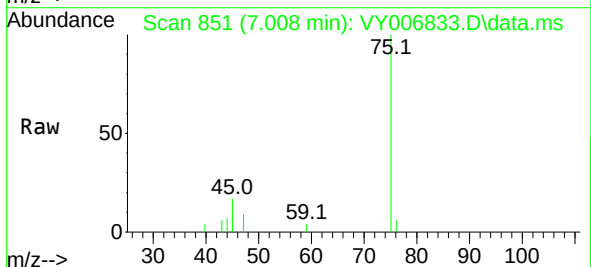


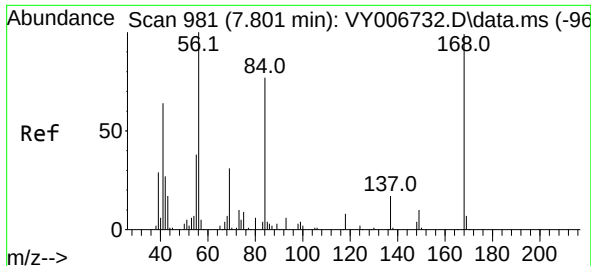
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 19.8 22.9 34.3#



#25
2-Butanone
Concen: 11.804 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

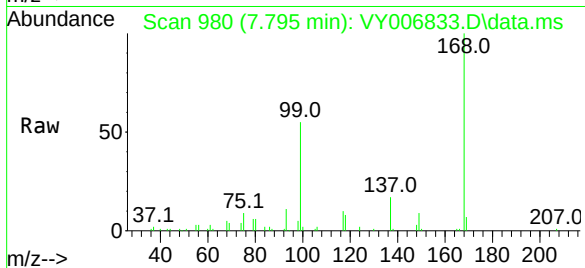
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



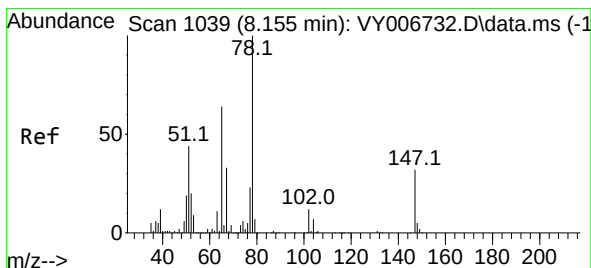
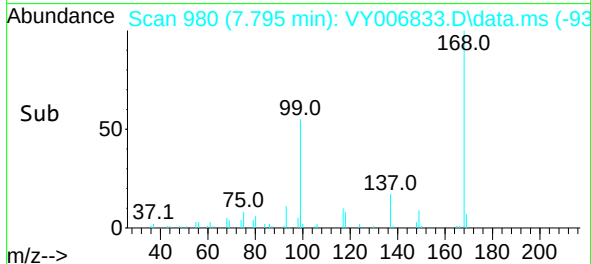
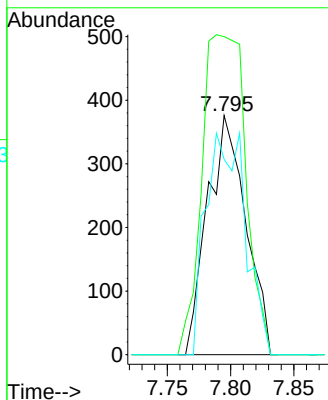


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Instrument :
MSVOA_Y
ClientSampleId :

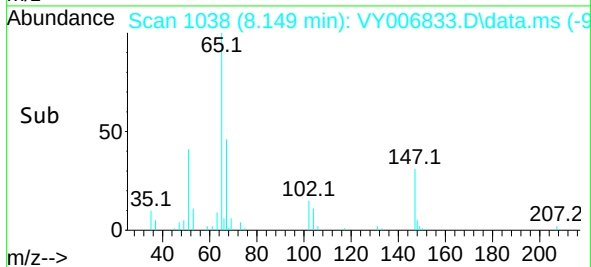
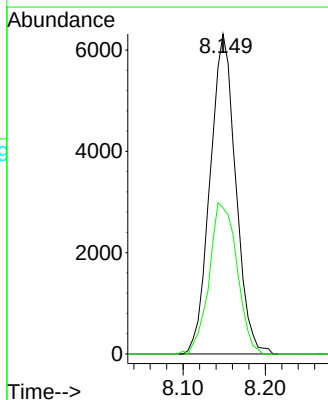
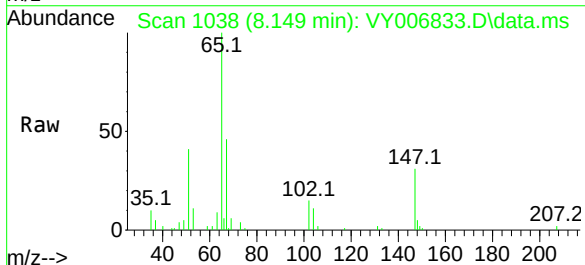


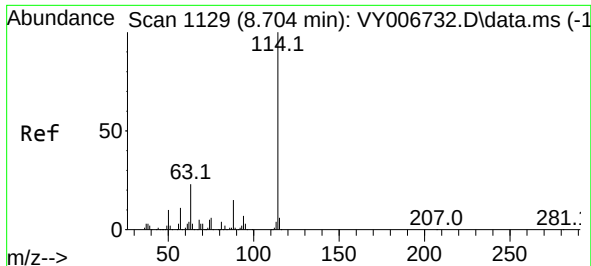
Tgt Ion: 56 Resp: 793
Ion Ratio Lower Upper
56 100
69 133.0 26.6 40.0#
84 81.6 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 37.719 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion: 65 Resp: 13668
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2

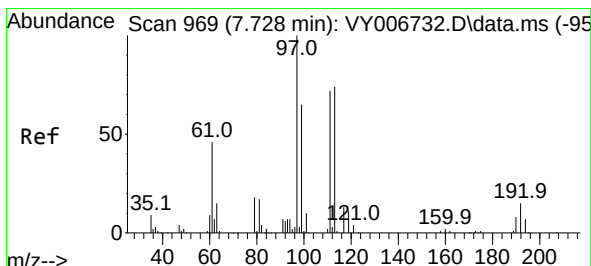
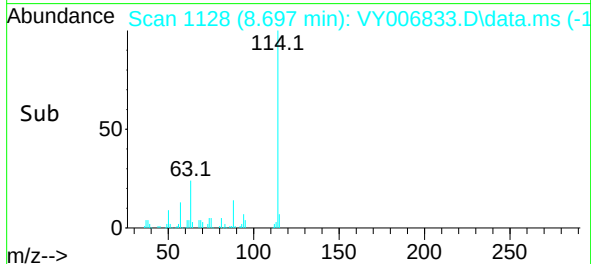
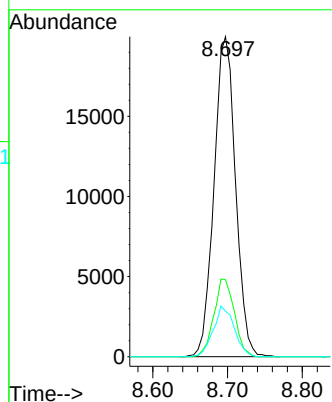
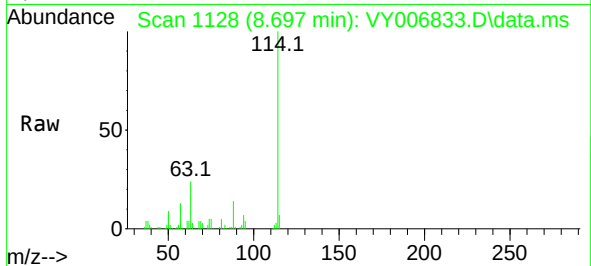




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

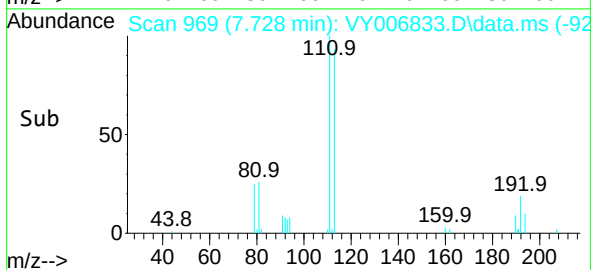
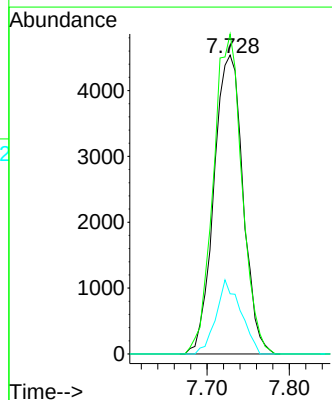
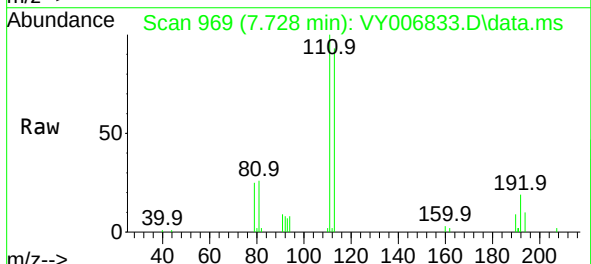
Instrument :
MSVOA_Y
ClientSampleId :

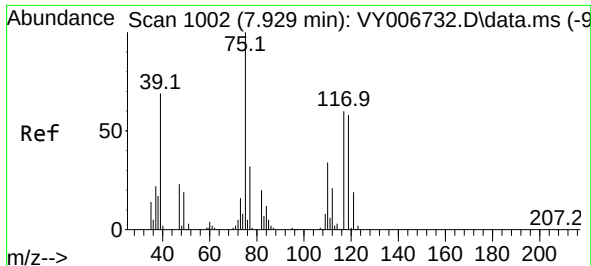
Tgt Ion:114 Resp: 39946
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.569 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion:113 Resp: 11181
Ion Ratio Lower Upper
113 100
111 105.3 82.3 123.5
192 21.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.832 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

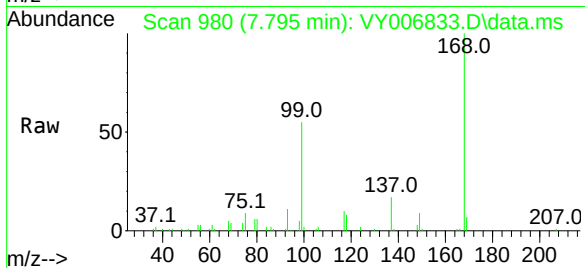
Lab File: VY006833.D

Acq: 19 Nov 2021 16:20

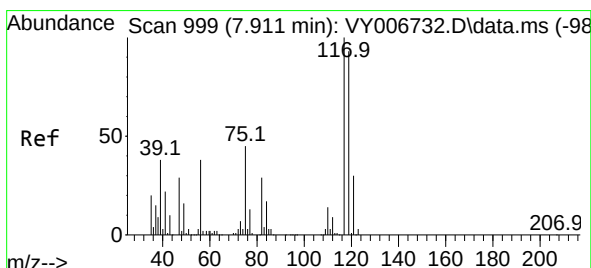
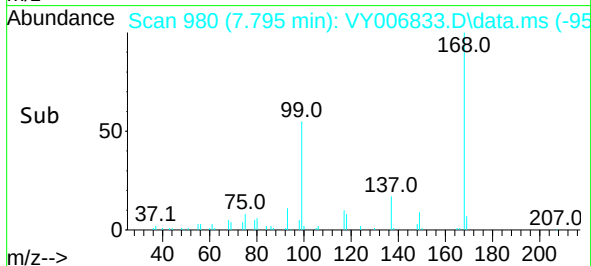
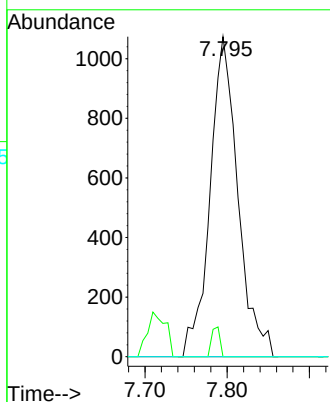
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	2532
Ion	Ratio	Lower	Upper
75	100		
110	2.8	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 6.485 ug/l

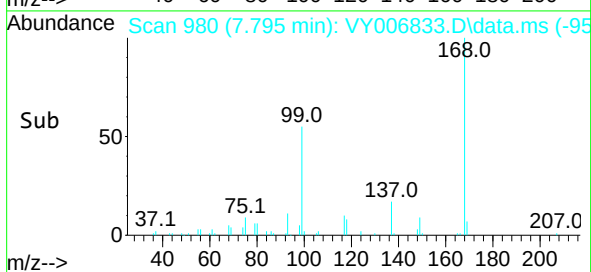
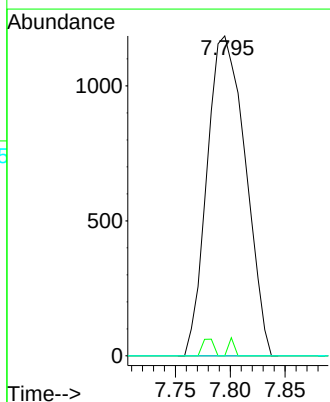
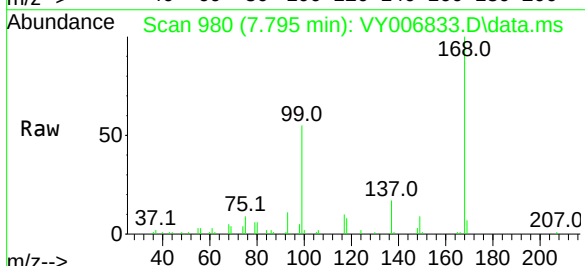
RT: 7.795 min Scan# 980

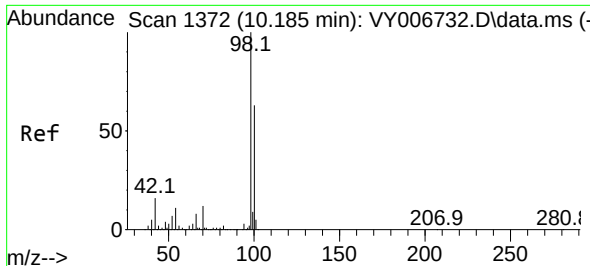
Delta R.T. -0.116 min

Lab File: VY006833.D

Acq: 19 Nov 2021 16:20

Tgt Ion:	117	Resp:	2880
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#

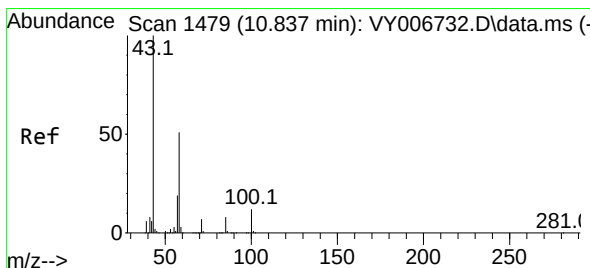
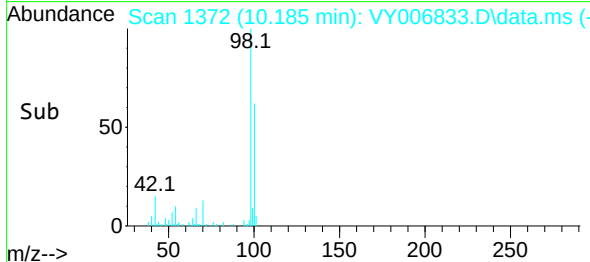
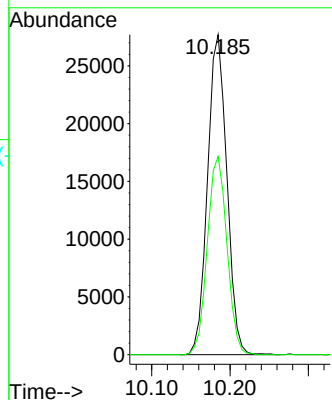
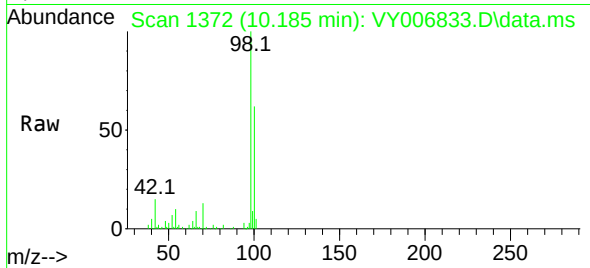




#50
Toluene-d8
Concen: 46.646 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

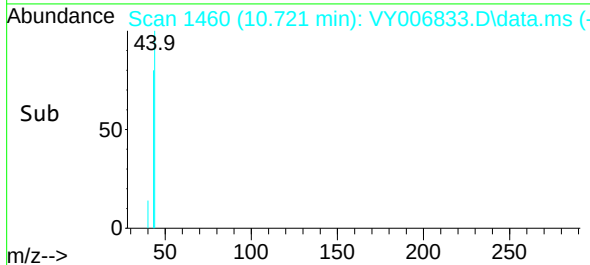
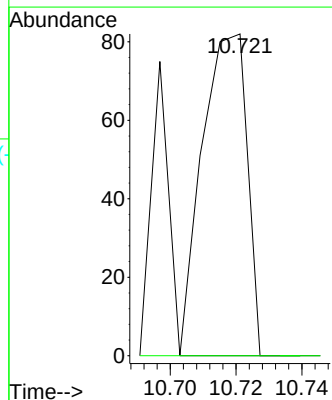
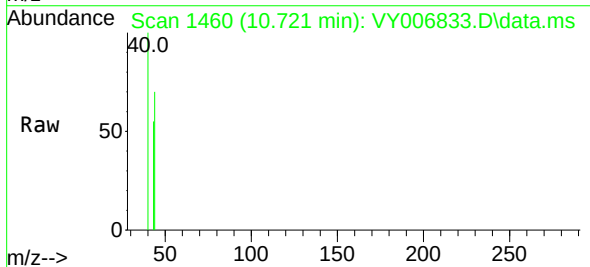
Instrument :
MSVOA_Y
ClientSampleId :

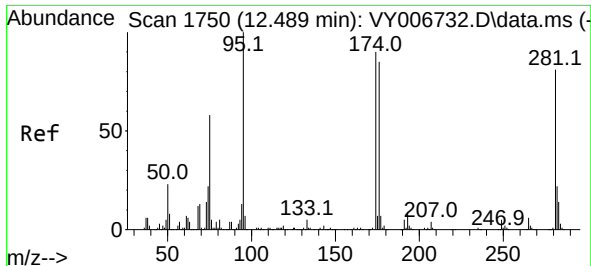
Tgt Ion: 98 Resp: 47362
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#59
2-Hexanone
Concen: 24.151 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.116 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

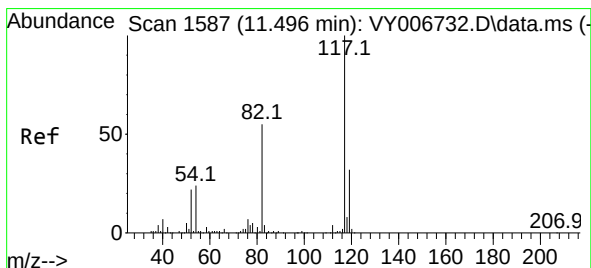
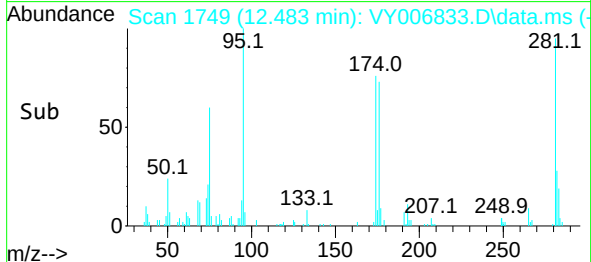
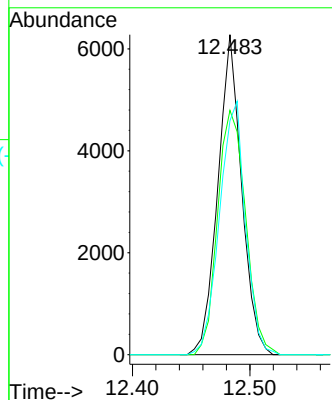
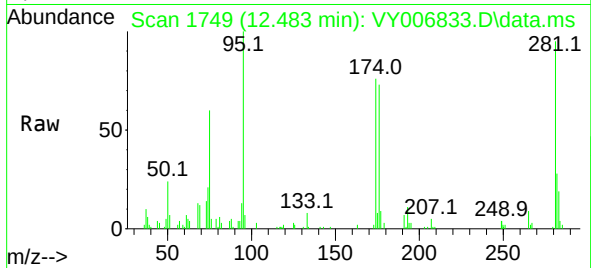




#62
4-Bromofluorobenzene
Concen: 25.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

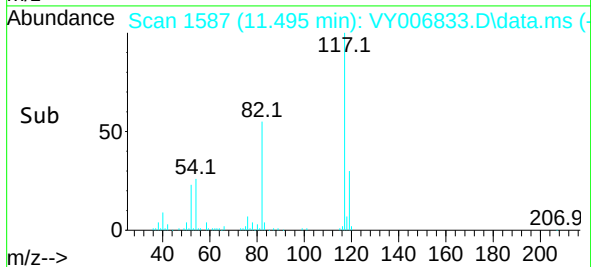
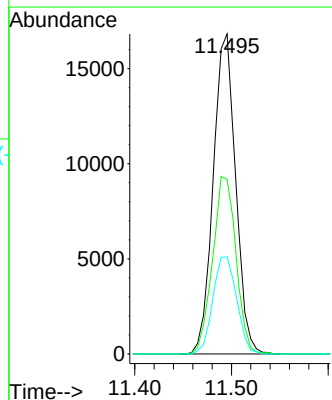
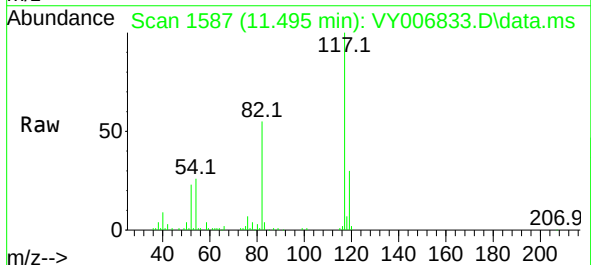
Instrument :
MSVOA_Y
ClientSampleId :

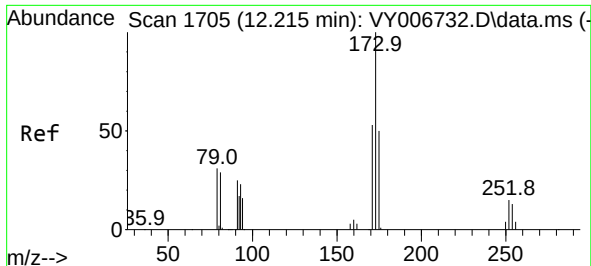
Tgt Ion: 95 Resp: 8813
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 86.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

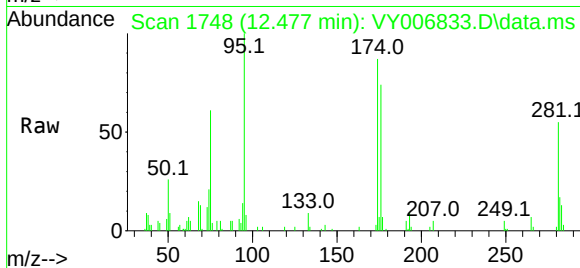
Tgt Ion: 117 Resp: 27044
Ion Ratio Lower Upper
117 100
82 54.6 45.7 68.5
119 30.4 25.5 38.3



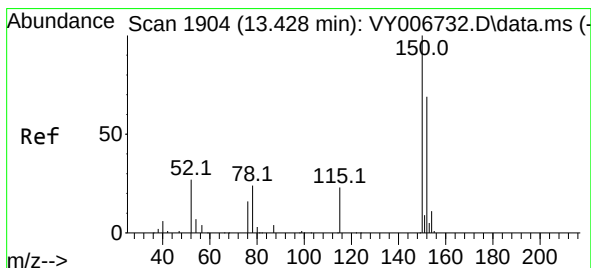
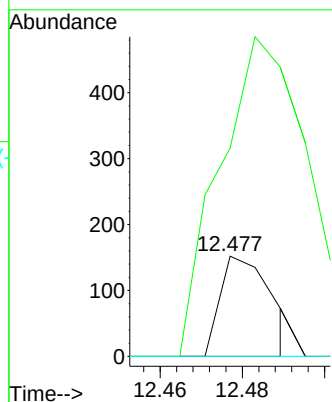
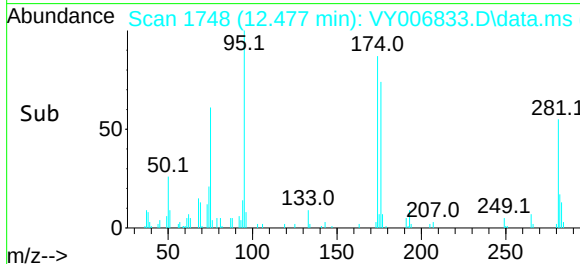


#71
Bromoform
Concen: 1.060 ug/l
RT: 12.477 min Scan# 1705
Delta R.T. 0.262 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

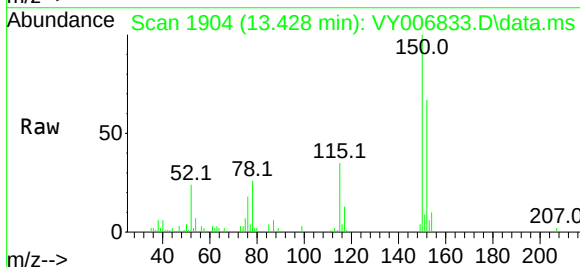
Instrument :
MSVOA_Y
ClientSampleId :



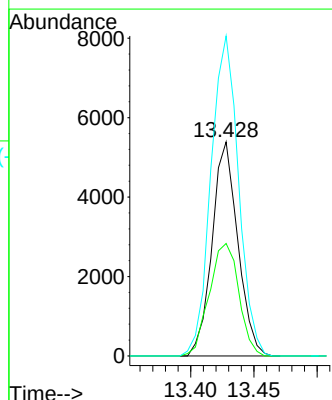
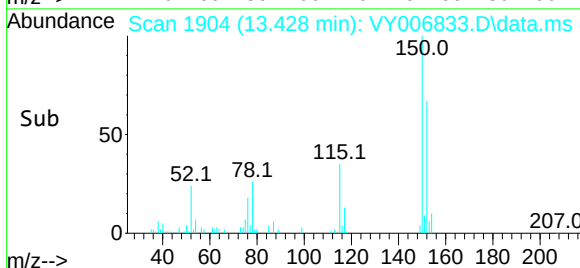
Tgt Ion:173 Resp: 132
Ion Ratio Lower Upper
173 100
175 411.4 24.8 74.3#
254 0.0 0.1 0.1#

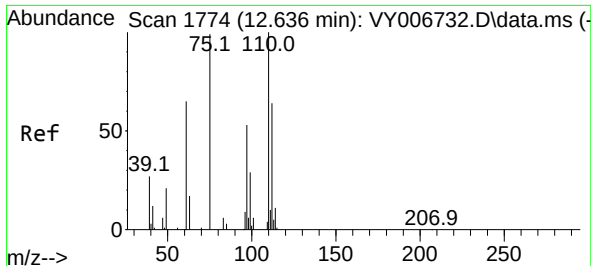


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20



Tgt Ion:152 Resp: 7623
Ion Ratio Lower Upper
152 100
115 60.2 28.5 85.5
150 160.1 0.0 348.2

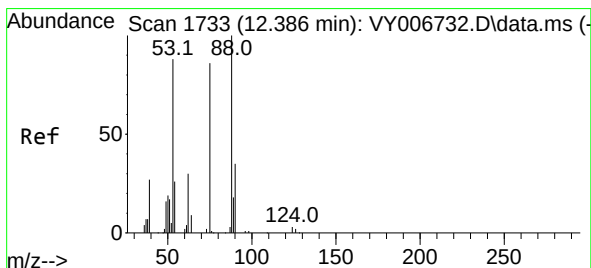
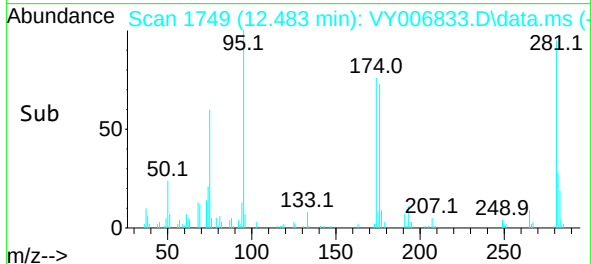
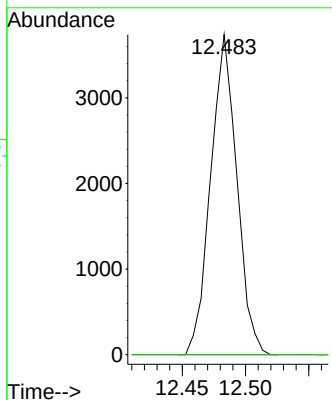
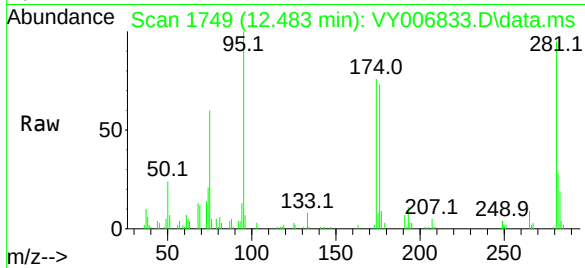




#76
1,2,3-Trichloropropane
Concen: 65.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 5388
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006833.D
Acq: 19 Nov 2021 16:20

Tgt Ion: 75 Resp: 5388
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.8 39.3 58.9#

