

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004811.D
 Acq On : 17 May 2021 18:02
 Operator : SY/MD
 Sample : M2392-19
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:07:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	24977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13001	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12642	42.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.04%
35) Dibromofluoromethane	7.728	113	12469	55.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.16%
50) Toluene-d8	10.185	98	50825	49.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.40%
62) 4-Bromofluorobenzene	12.483	95	13318	38.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.18%

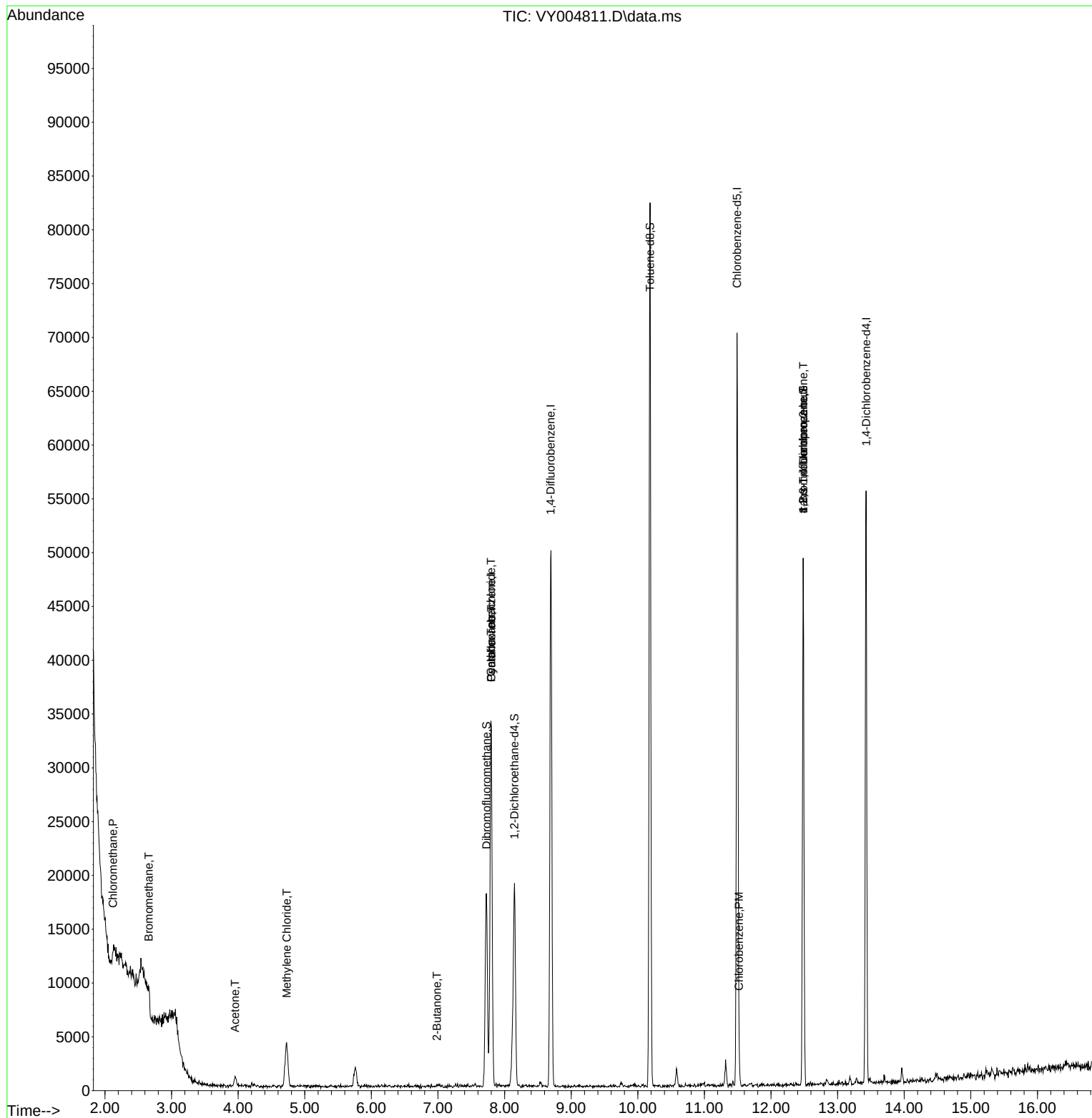
Target Compounds						Qvalue
3) Chloromethane	2.119	50	587	1.58	ug/l #	80
5) Bromomethane	2.656	94	210	1.09	ug/l #	4
16) Acetone	3.954	43	1790	26.81	ug/l	94
20) Methylene Chloride	4.728	84	2998	1.39	ug/l #	77
25) 2-Butanone	6.984	43	267	2.25	ug/l #	51
31) Cyclohexane	7.801	56	611	1.27	ug/l #	1
38) Carbon Tetrachloride	7.795	117	2570	6.75	ug/l #	16
65) Chlorobenzene	11.520	112	1230	1.69	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	7467	54.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7467	93.76	ug/l #	13

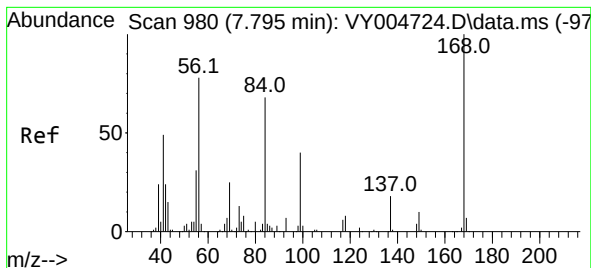
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004811.D

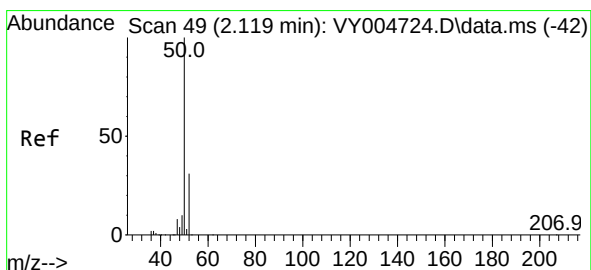
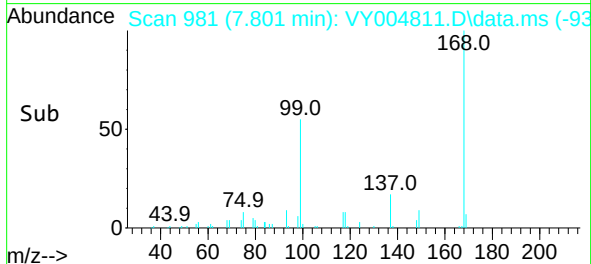
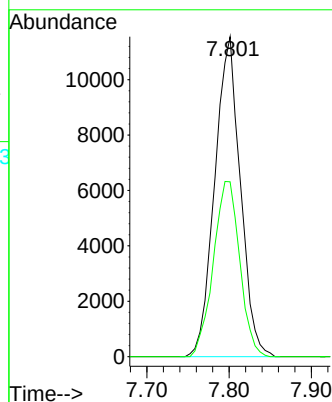
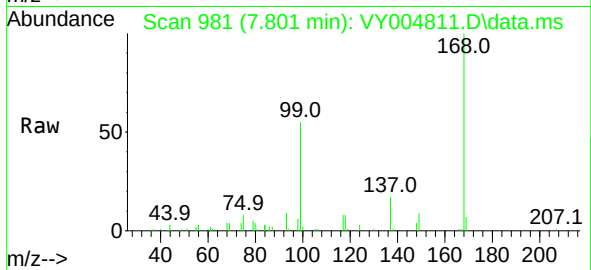
Acq: 17 May 2021 18:02

Tgt Ion:168 Resp: 24977

Ion Ratio Lower Upper

168 100

99 54.7 45.6 68.4



#3

Chloromethane

Concen: 1.58 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY004811.D

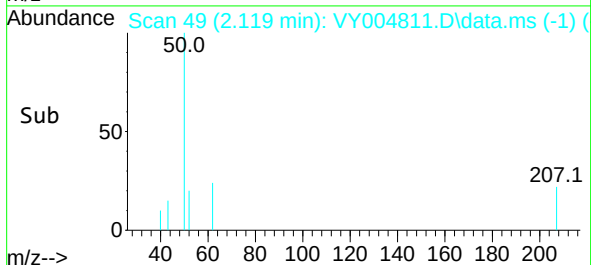
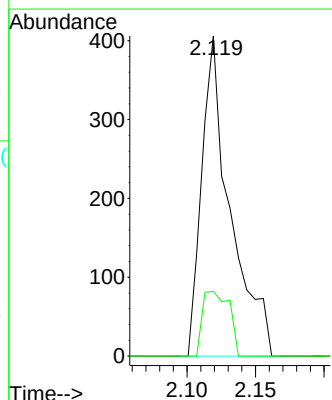
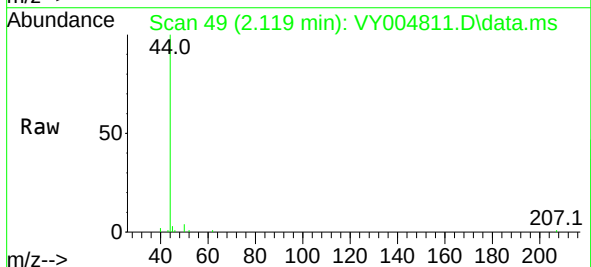
Acq: 17 May 2021 18:02

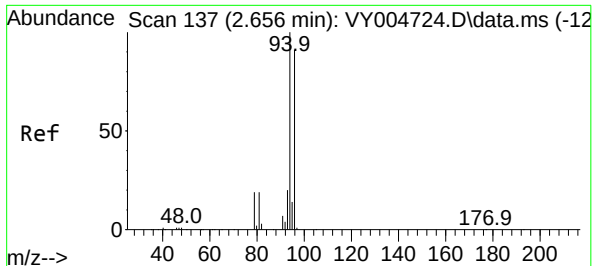
Tgt Ion: 50 Resp: 587

Ion Ratio Lower Upper

50 100

52 20.2 25.0 37.6#

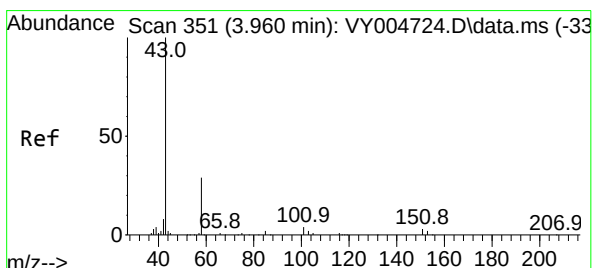
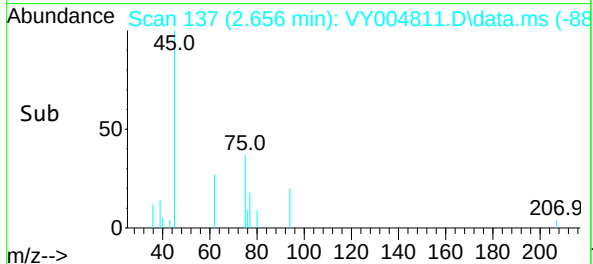
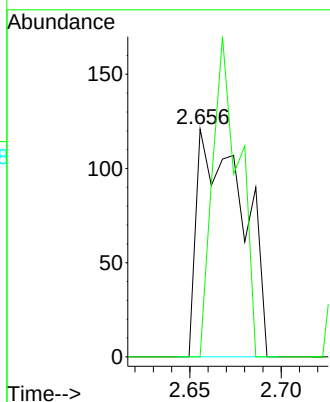
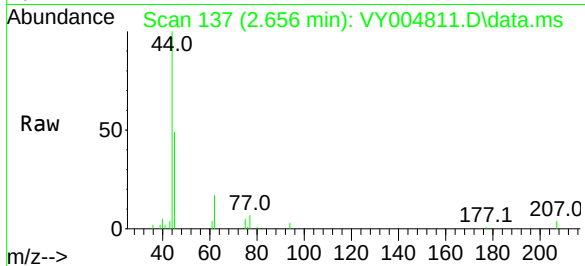




#5
Bromomethane
Concen: 1.09 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

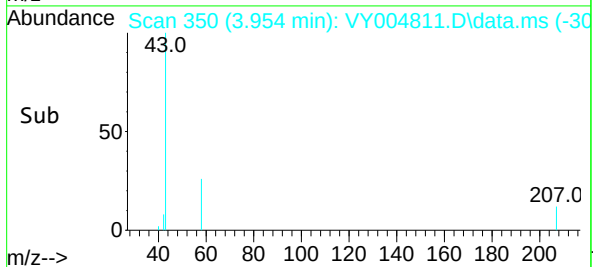
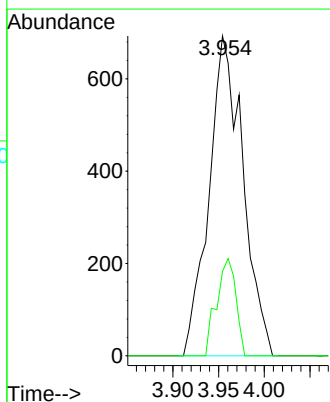
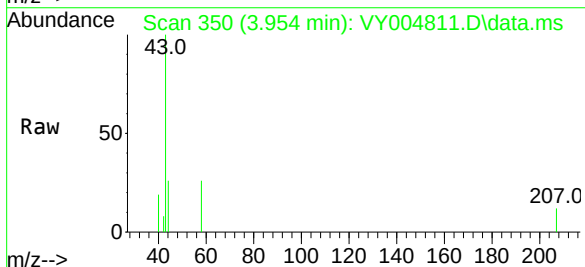
Instrument :
MSVOA_Y
ClientSampled :

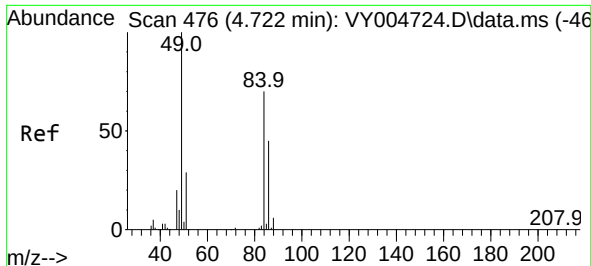
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 0.0 72.6 109.0#



#16
Acetone
Concen: 26.81 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

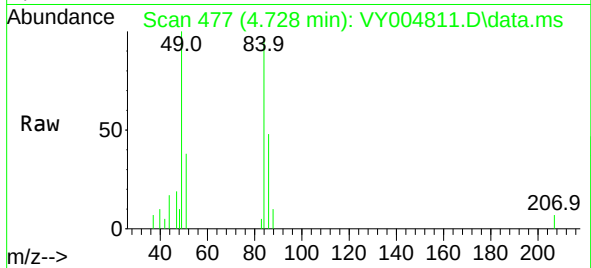
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 26.4 23.6 35.4



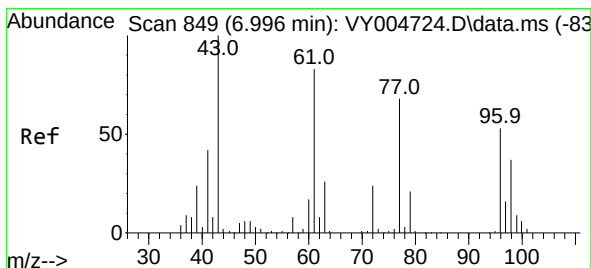
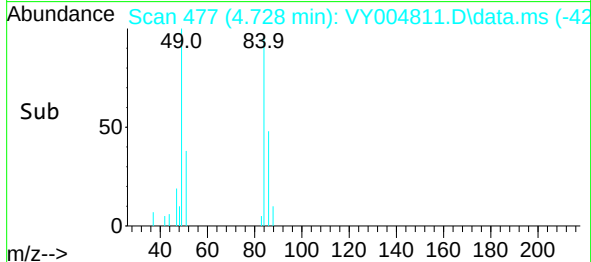
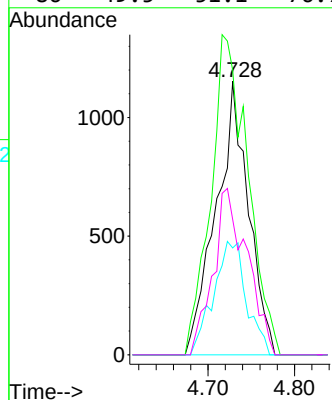


#20
Methylene Chloride
Concen: 1.39 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Instrument :
MSVOA_Y
ClientSampled :

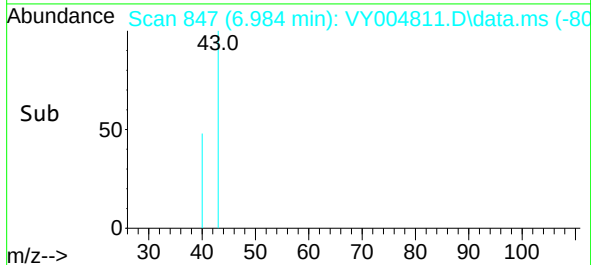
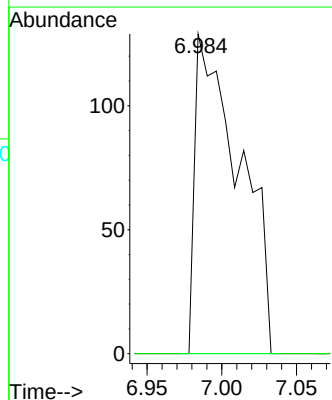
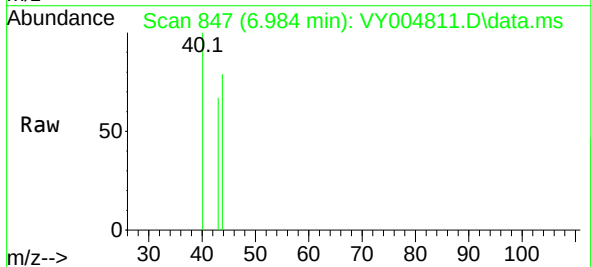


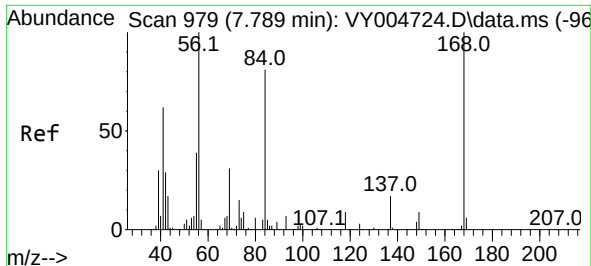
Tgt Ion:	84	Resp:	2998
Ion	Ratio	Lower	Upper
84	100		
49	104.1	113.8	170.8#
51	39.1	33.5	50.3
86	49.5	51.1	76.7#



#25
2-Butanone
Concen: 2.25 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

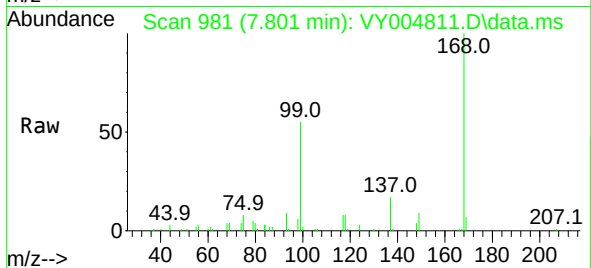
Tgt Ion:	43	Resp:	267
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.0#



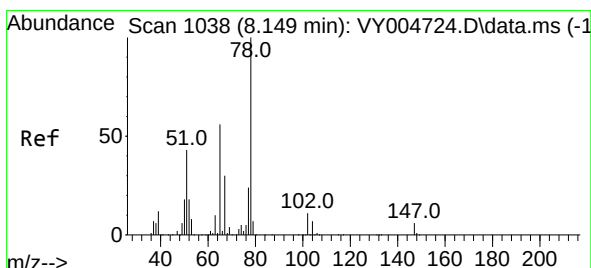
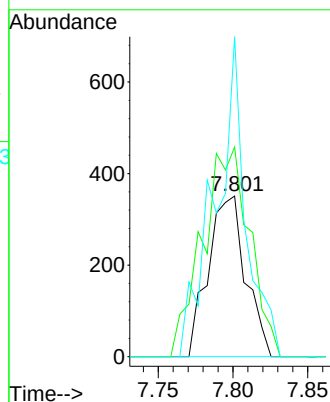
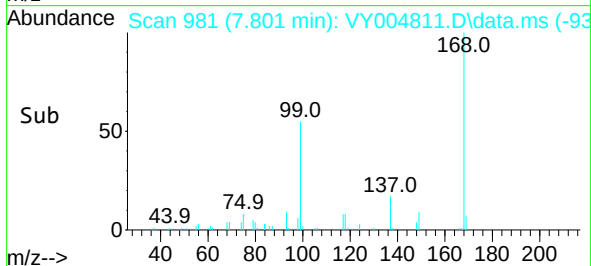


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

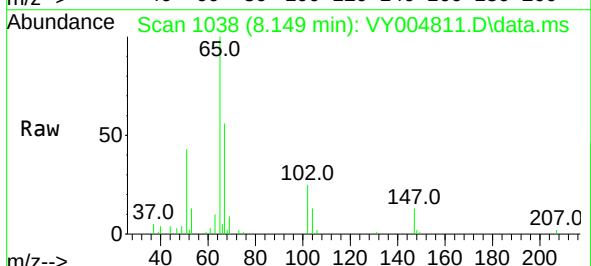
Instrument :
MSVOA_Y
ClientSampleId :



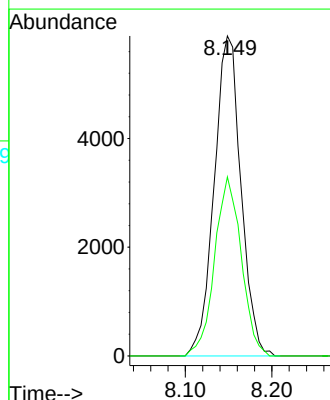
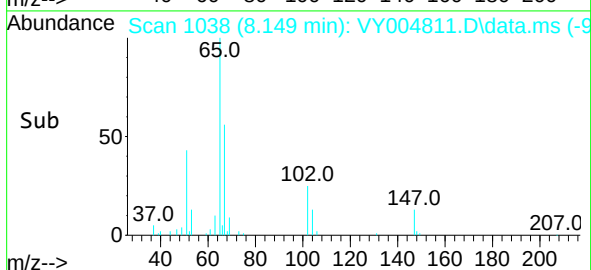
Tgt Ion: 56 Resp: 611
Ion Ratio Lower Upper
56 100
69 130.5 24.4 36.6#
84 199.1 64.8 97.2#

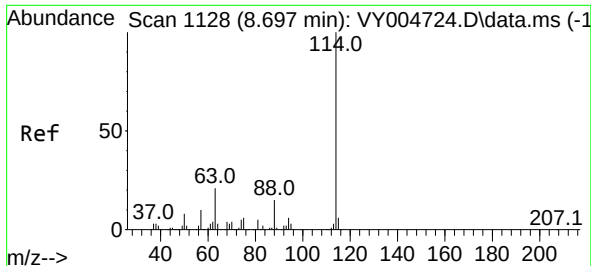


#33
1,2-Dichloroethane-d4
Concen: 42.52 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02



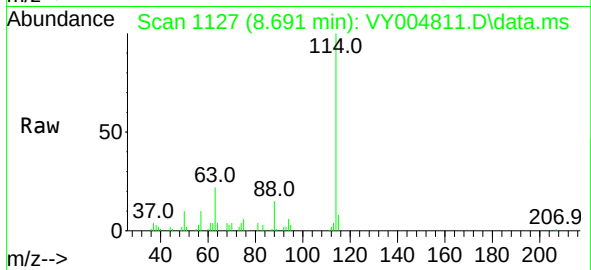
Tgt Ion: 65 Resp: 12642
Ion Ratio Lower Upper
65 100
67 55.6 0.0 108.0



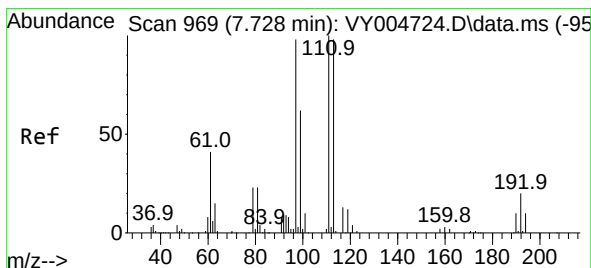
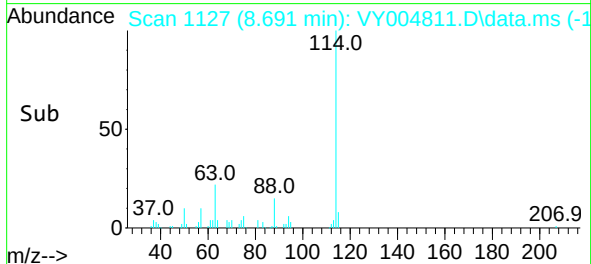
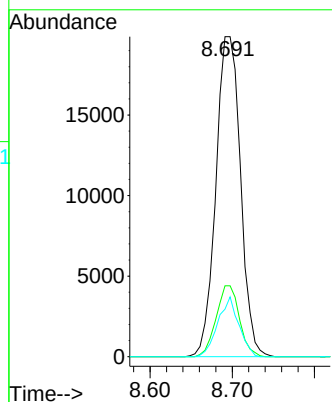


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

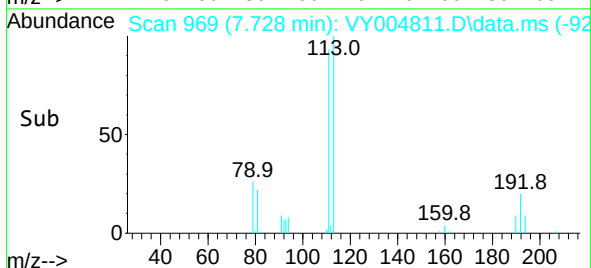
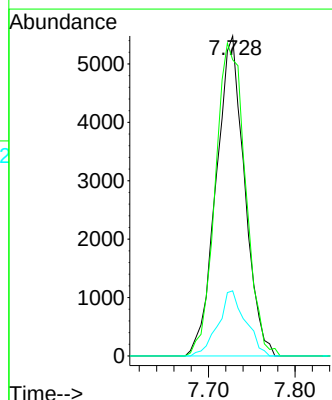
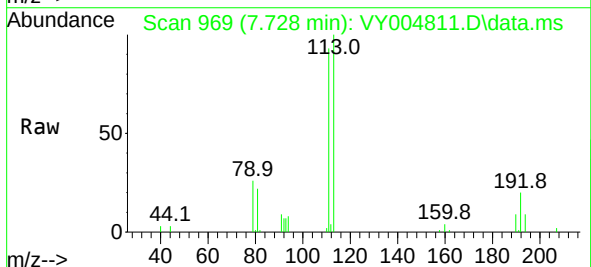


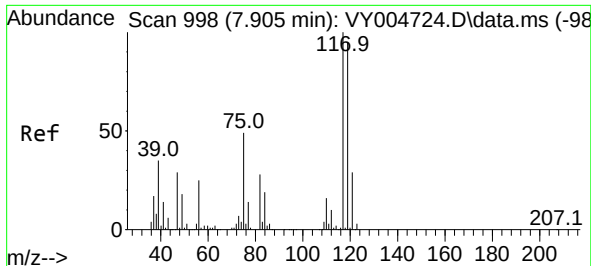
Tgt Ion:	114	Resp:	41351
Ion Ratio	100	Lower	Upper
63	22.2	0.0	42.8
88	14.9	0.0	31.0



#35
Dibromofluoromethane
Concen: 55.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

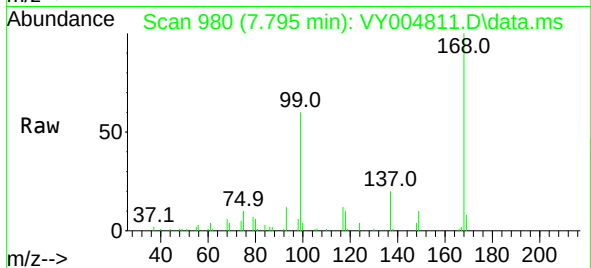
Tgt Ion:	113	Resp:	12469
Ion Ratio	100	Lower	Upper
111	103.6	80.5	120.7
192	19.6	15.0	22.6



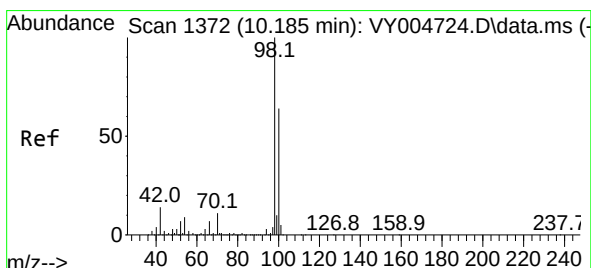
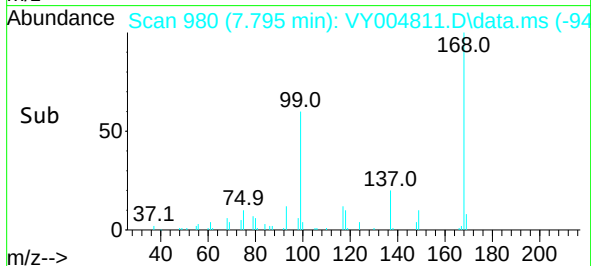
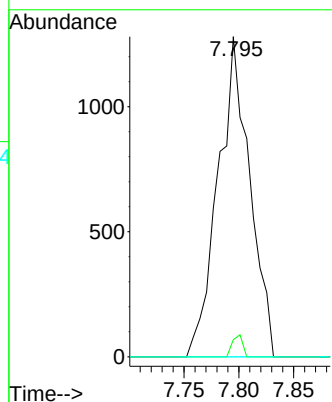


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

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MSVOA_Y
ClientSampleId :

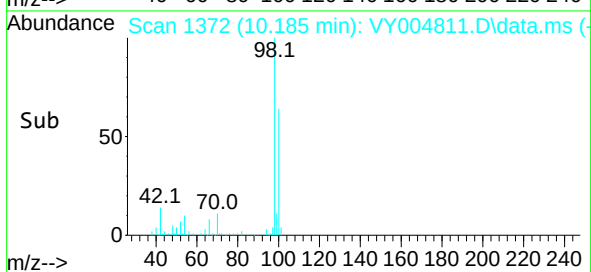
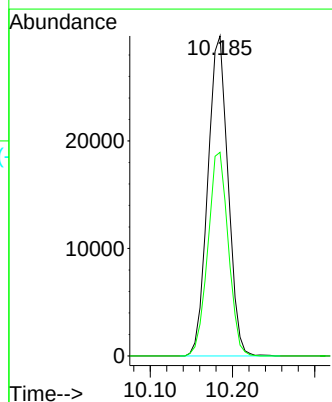
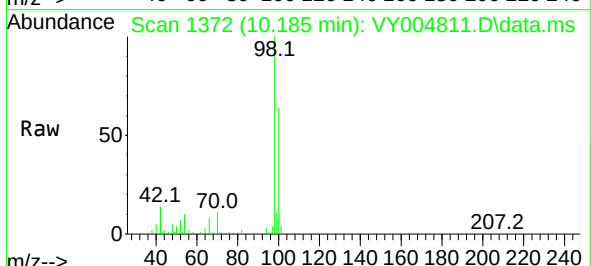


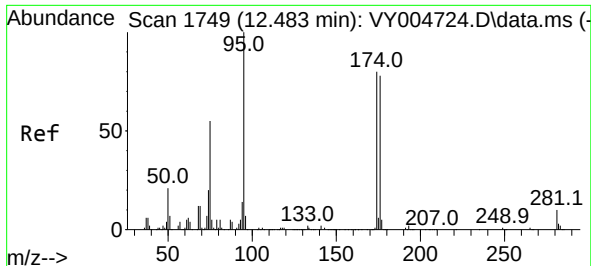
Tgt Ion:117 Resp: 2570
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 49.70 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Tgt Ion: 98 Resp: 50825
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

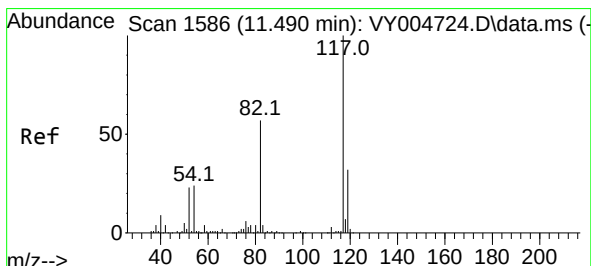
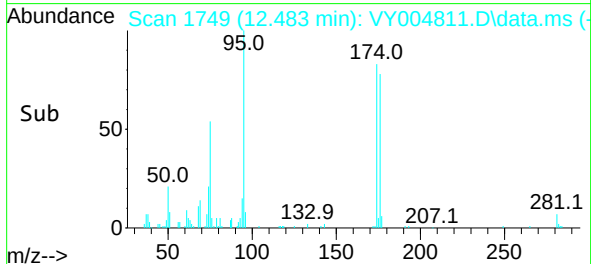
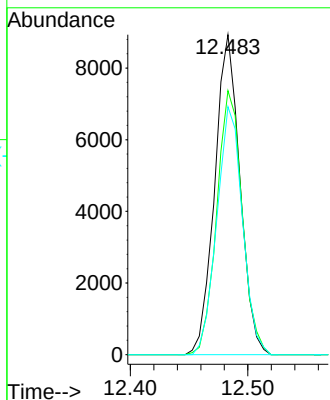
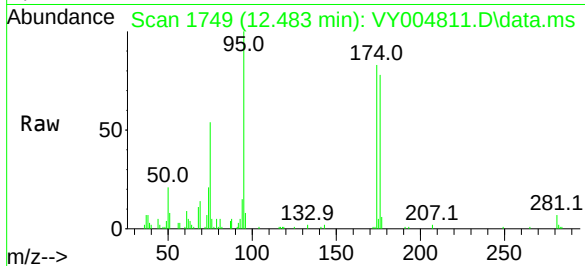




#62
4-Bromofluorobenzene
Concen: 38.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

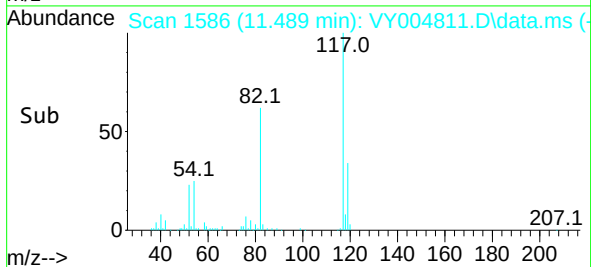
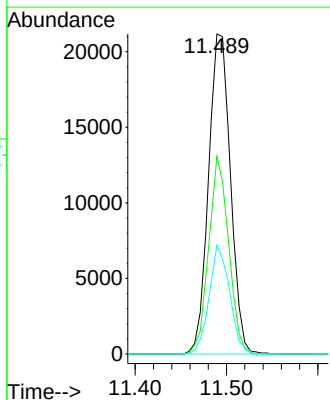
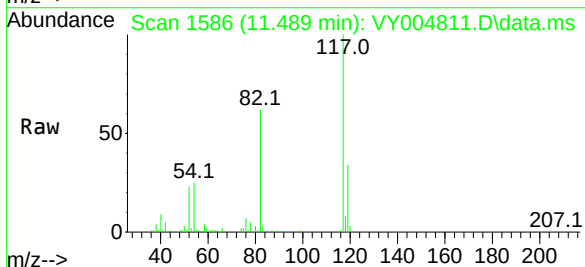
Instrument :
MSVOA_Y
ClientSampleId :

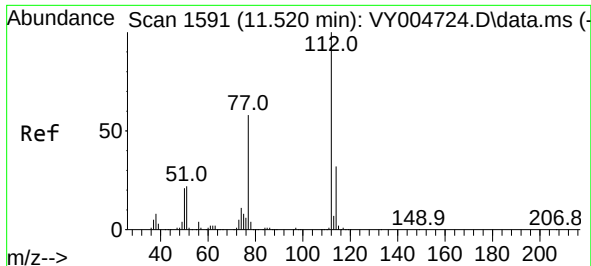
Tgt Ion: 95 Resp: 13318
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.2
176 78.7 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Tgt Ion: 117 Resp: 35361
Ion Ratio Lower Upper
117 100
82 61.7 45.4 68.2
119 34.0 25.8 38.6

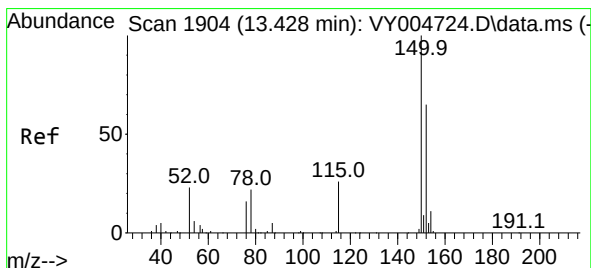
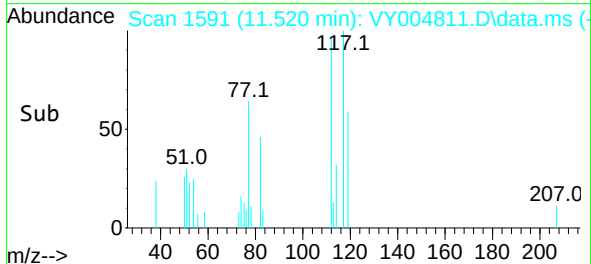
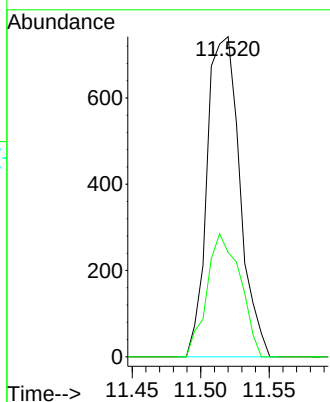
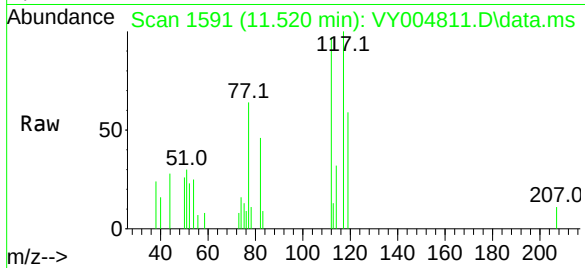




#65
Chlorobenzene
Concen: 1.69 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

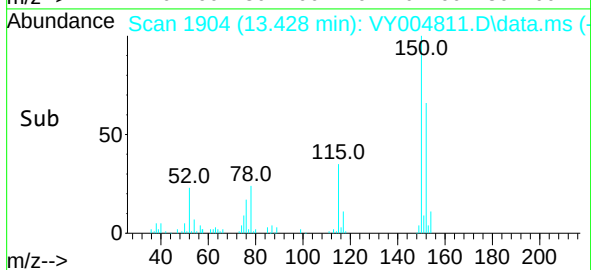
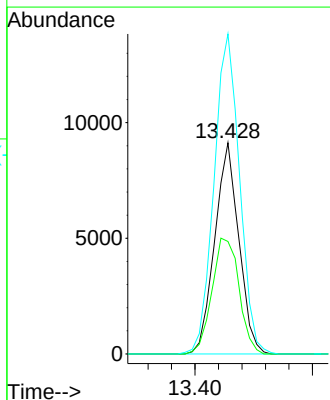
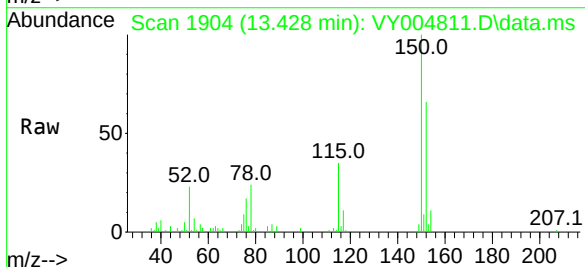
Instrument :
MSVOA_Y
ClientSampled :

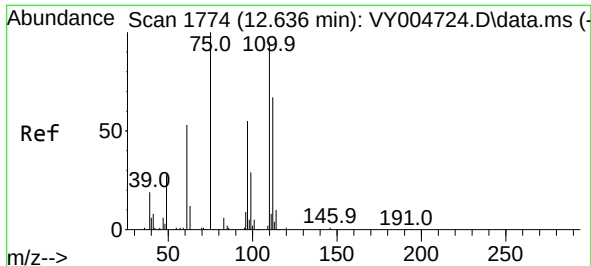
Tgt Ion:112 Resp: 1230
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Tgt Ion:152 Resp: 13001
Ion Ratio Lower Upper
152 100
115 61.5 29.4 88.3
150 160.5 0.0 349.8

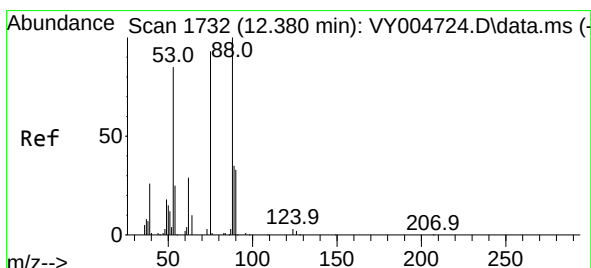
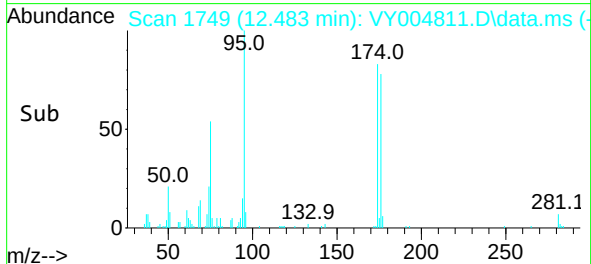
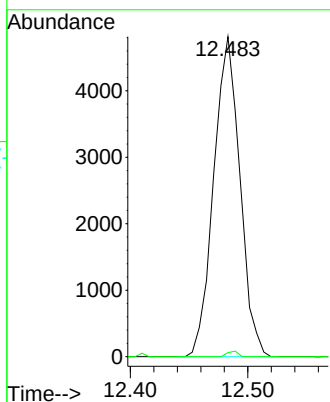
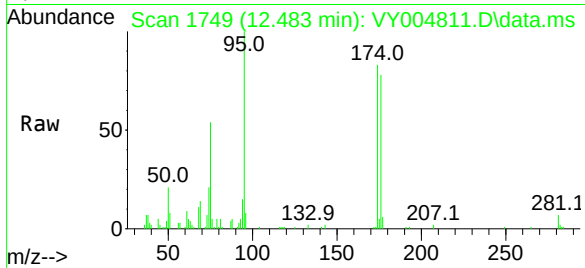




#76
1,2,3-Trichloropropane
Concen: 54.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 7467
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004811.D
Acq: 17 May 2021 18:02

Tgt Ion: 75 Resp: 7467
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#

