

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004829.D
 Acq On : 18 May 2021 16:14
 Operator : SY/MD
 Sample : M2435-04
 Misc : 6.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:04:55 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)

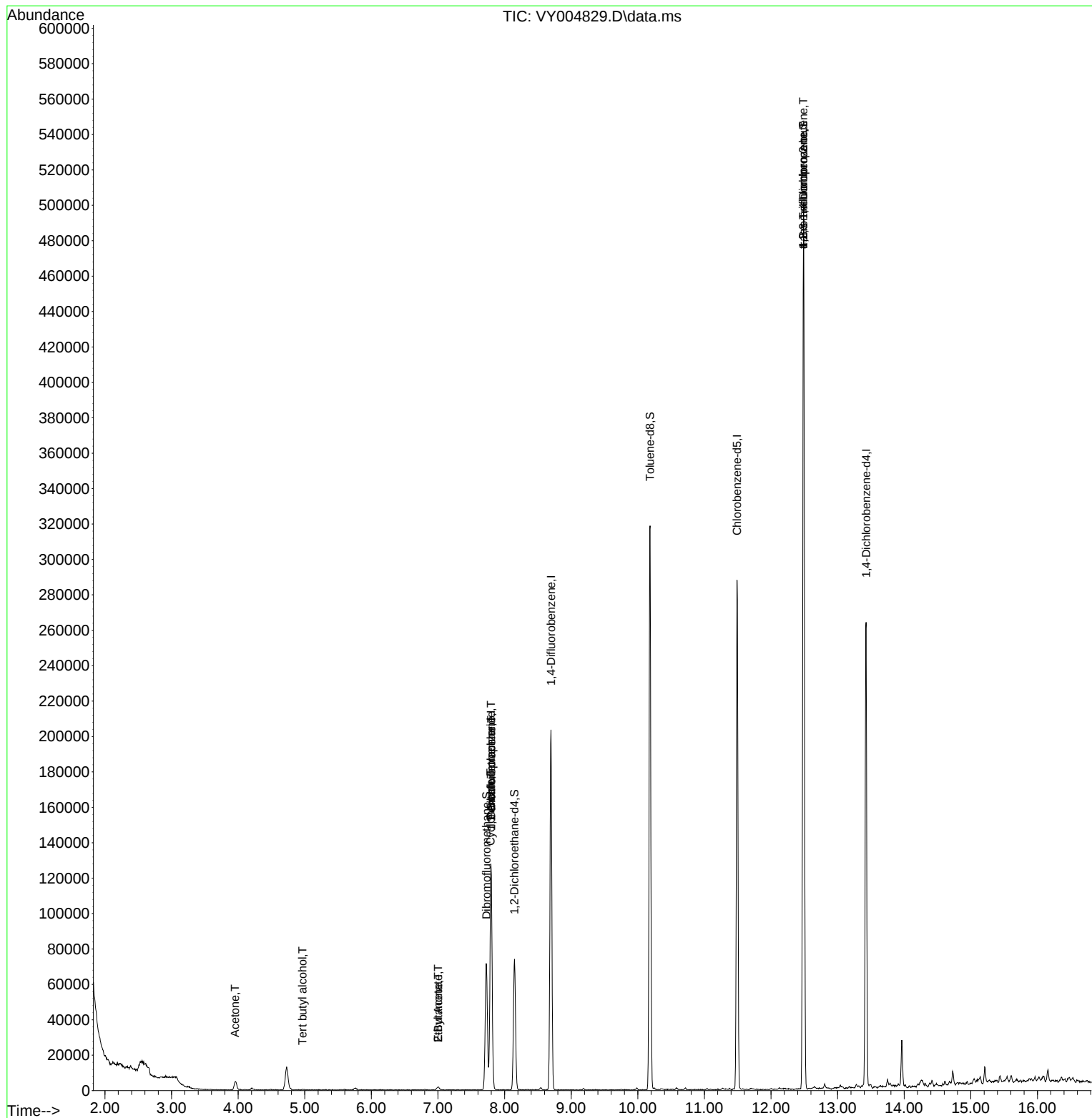
Internal Standards						
1) Pentafluorobenzene	7.795	168	94146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57635	51.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.86%	
35) Dibromofluoromethane	7.728	113	49591	55.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.88%	
50) Toluene-d8	10.185	98	201855	50.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.80%	
62) 4-Bromofluorobenzene	12.483	95	64156	47.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	483	4.29	ug/l #	71
16) Acetone	3.954	43	8827	35.07	ug/l	91
20) Methylene Chloride	4.728	84	8469	Below	Cal	98
25) 2-Butanone	7.002	43	3164	7.08	ug/l	97
31) Cyclohexane	7.789	56	2552	1.41	ug/l #	26
36) 1,1-Dichloropropene	7.801	75	8228	4.96	ug/l #	49
37) Ethyl Acetate	7.002	43	3164	2.78	ug/l #	72
38) Carbon Tetrachloride	7.795	117	9450	6.33	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	38203	55.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38203	96.94	ug/l #	14

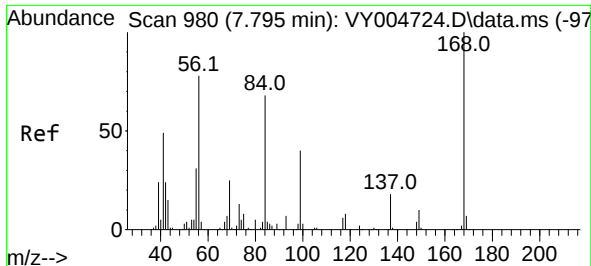
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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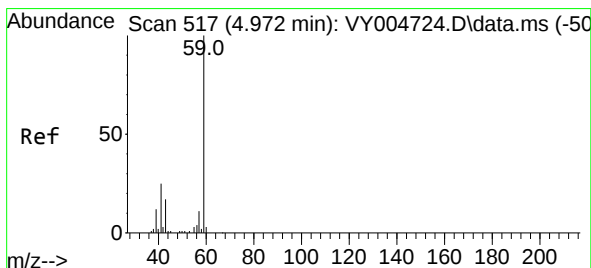
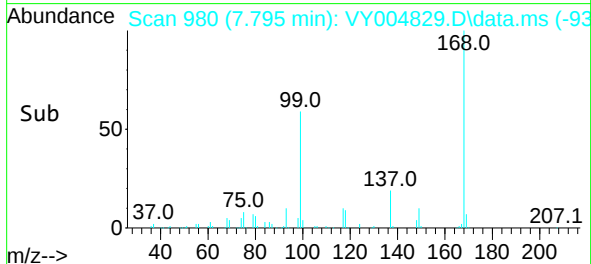
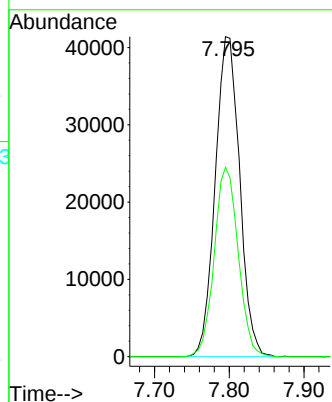
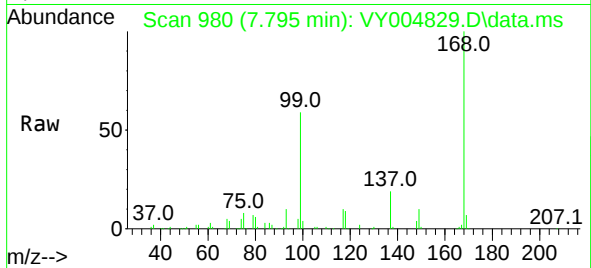




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

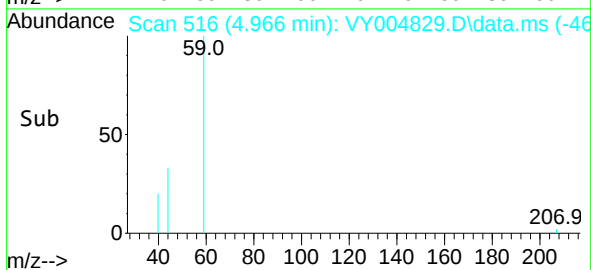
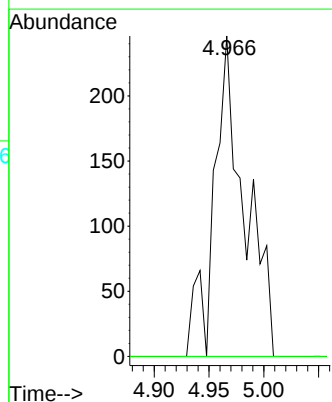
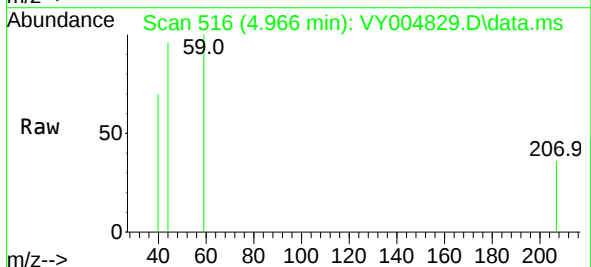
Instrument :
MSVOA_Y
ClientSampled :

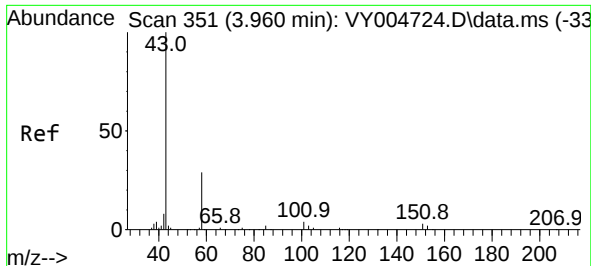
Tgt Ion:168 Resp: 94146
Ion Ratio Lower Upper
168 100
99 59.2 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.29 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

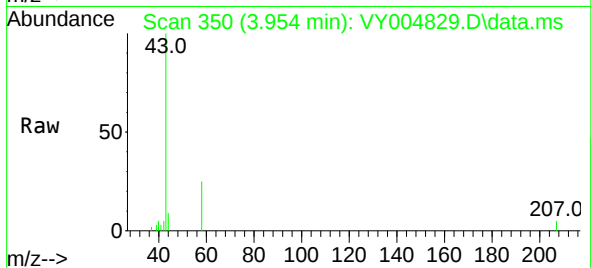
Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



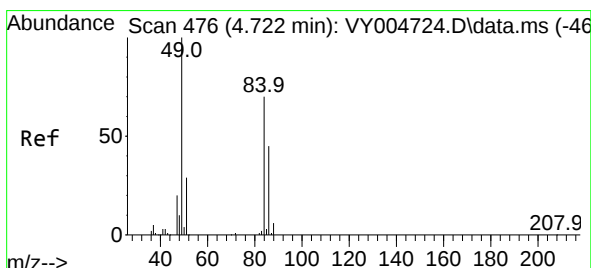
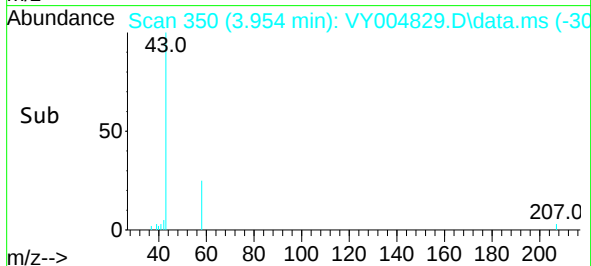
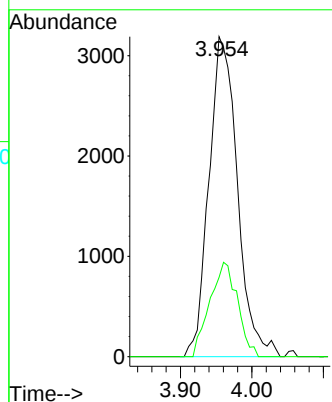


#16
Acetone
Concen: 35.07 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Instrument :
MSVOA_Y
ClientSampled :

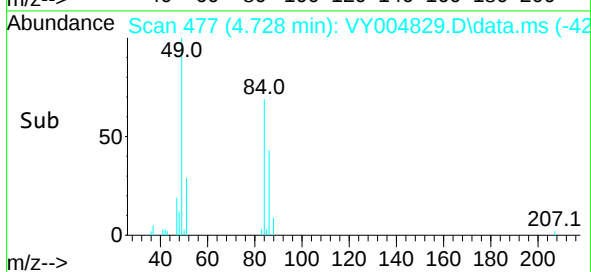
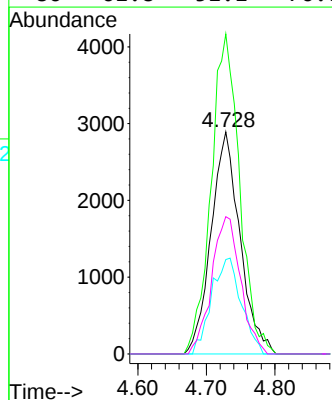
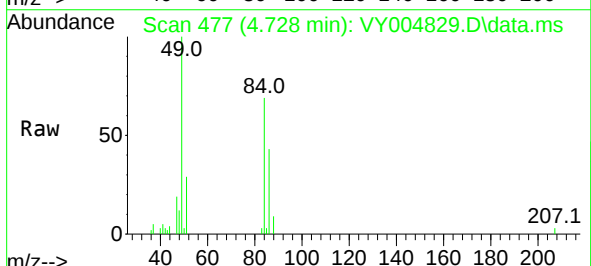


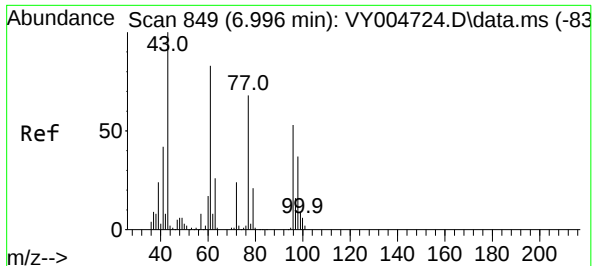
Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 24.8 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 84 Resp: 8469
Ion Ratio Lower Upper
84 100
49 144.1 113.8 170.8
51 42.5 33.5 50.3
86 61.8 51.1 76.7





#25

2-Butanone

Concen: 7.08 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004829.D

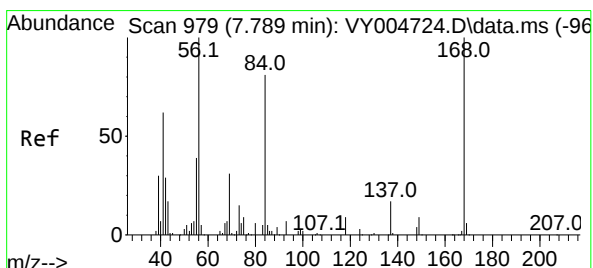
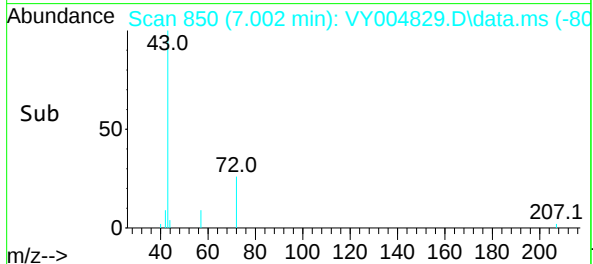
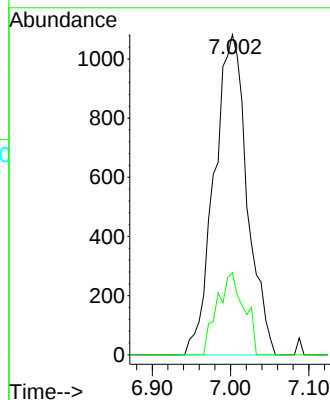
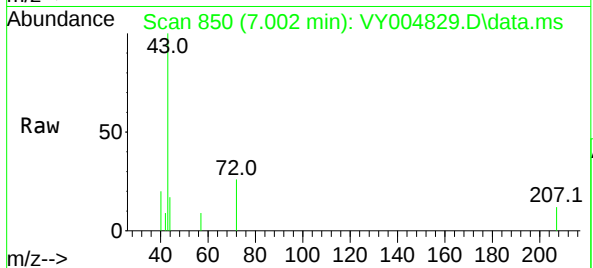
Acq: 18 May 2021 16:14

Tgt Ion: 43 Resp: 3164

Ion Ratio Lower Upper

43 100

72 25.7 19.4 29.0



#31

Cyclohexane

Concen: 1.41 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY004829.D

Acq: 18 May 2021 16:14

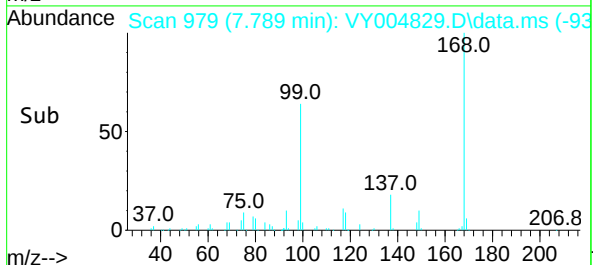
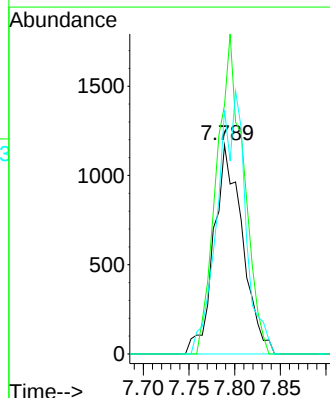
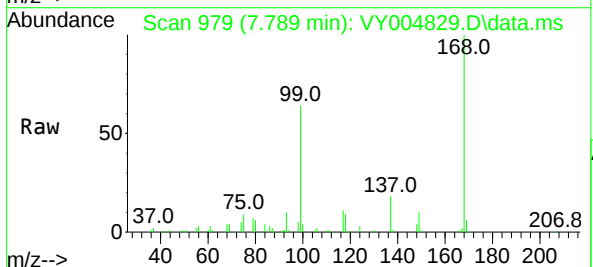
Tgt Ion: 56 Resp: 2552

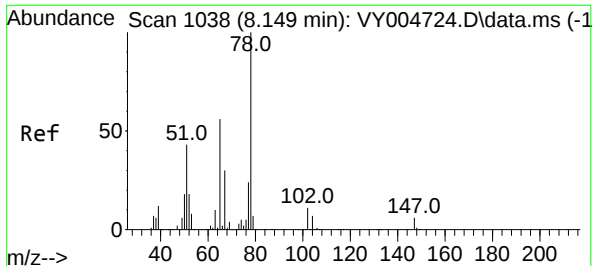
Ion Ratio Lower Upper

56 100

69 119.1 24.4 36.6#

84 116.8 64.8 97.2#

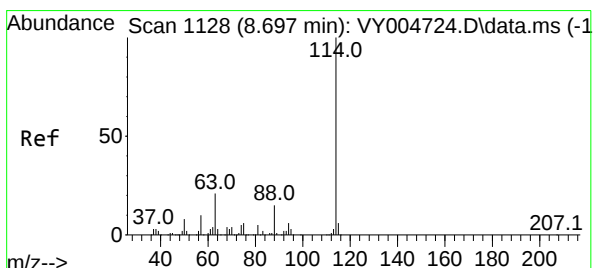
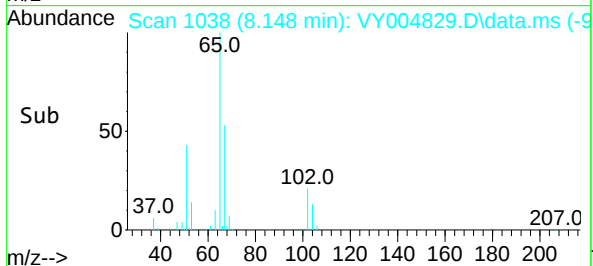
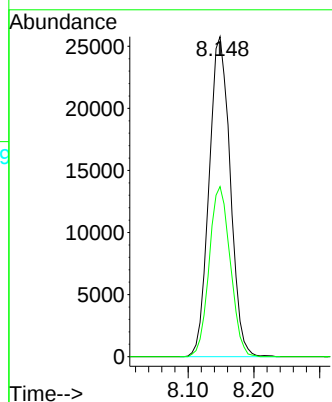
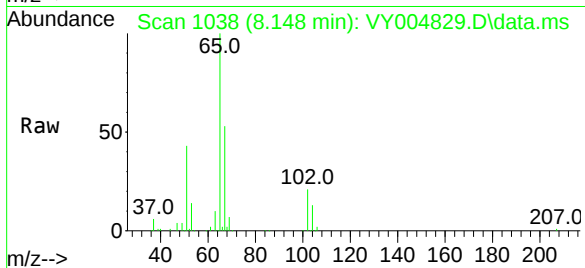




#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

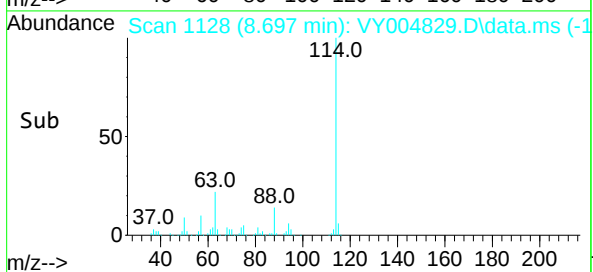
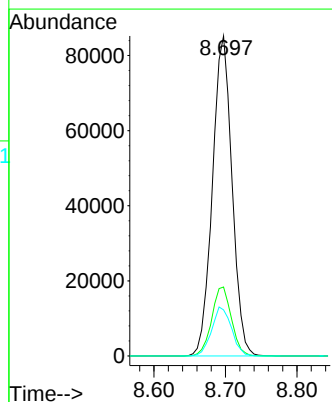
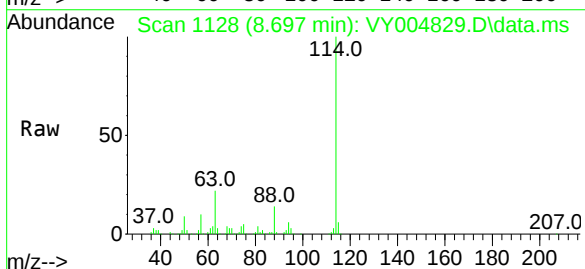
Instrument :
MSVOA_Y
ClientSampled :

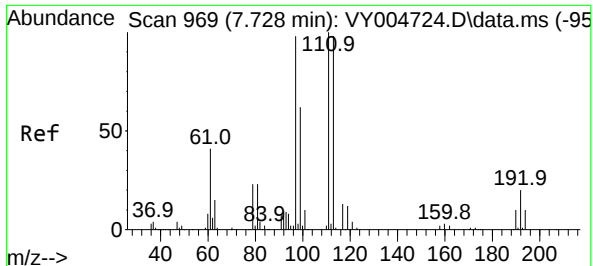
Tgt Ion: 65 Resp: 57635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 114 Resp: 161943
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 14.4 0.0 31.0

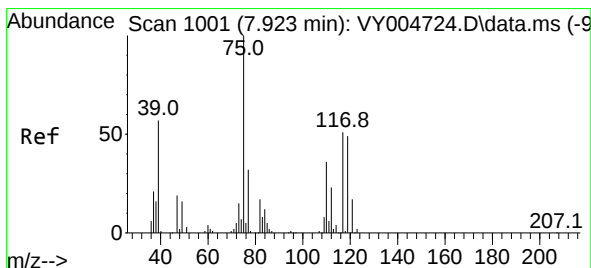
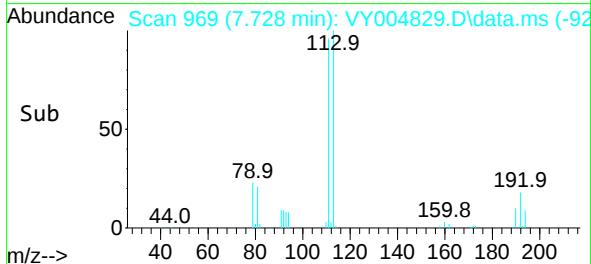
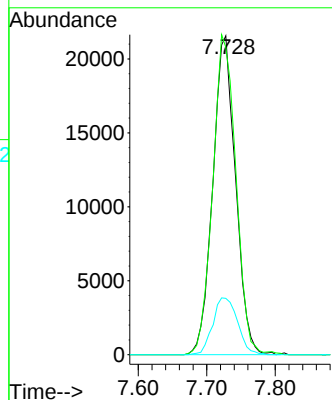
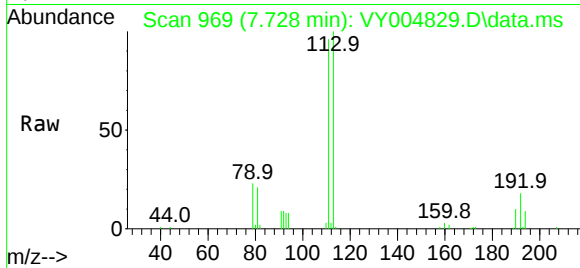




#35
Dibromofluoromethane
Concen: 55.94 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

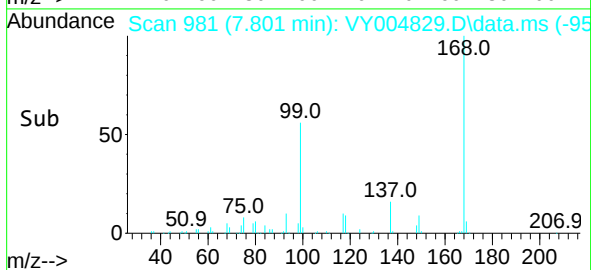
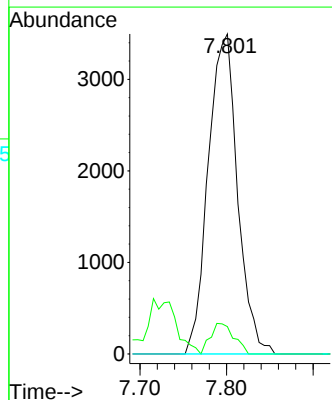
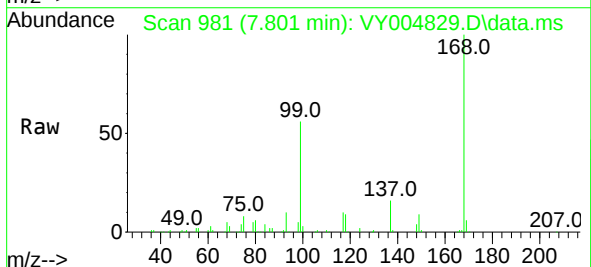
Instrument :
MSVOA_Y
ClientSampled :

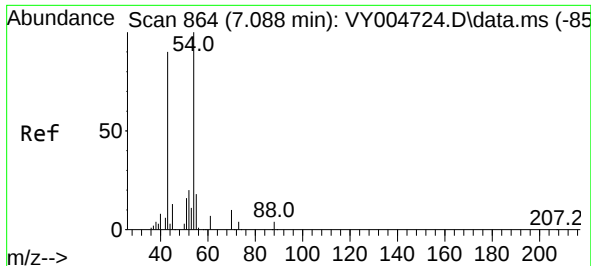
Tgt Ion:	113	Resp:	49591
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	19.4	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion:	75	Resp:	8228
Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	50.9#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 2.78 ug/l

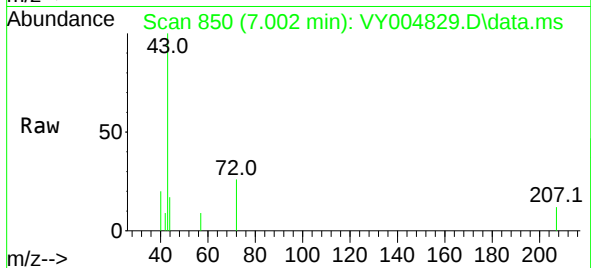
RT: 7.002 min Scan# 850

Delta R.T. -0.086 min

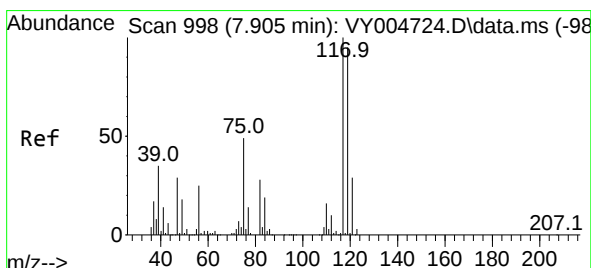
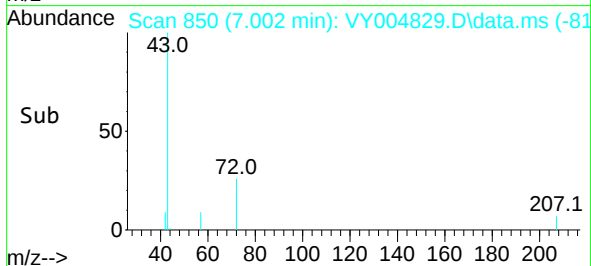
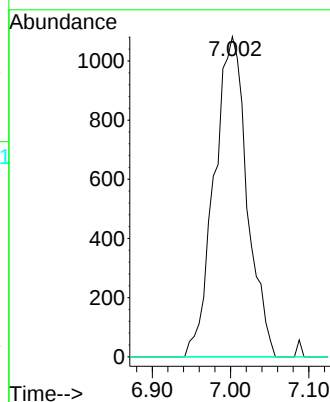
Lab File: VY004829.D

Acq: 18 May 2021 16:14

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	43	Resp:	3164
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	0.0	6.7	10.1#



#38

Carbon Tetrachloride

Concen: 6.33 ug/l

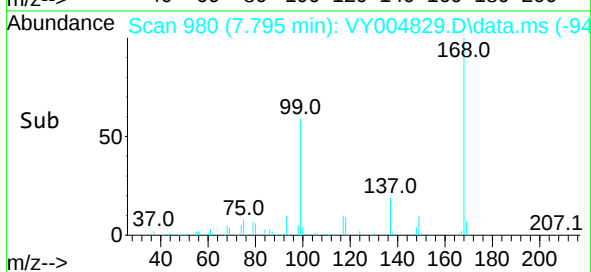
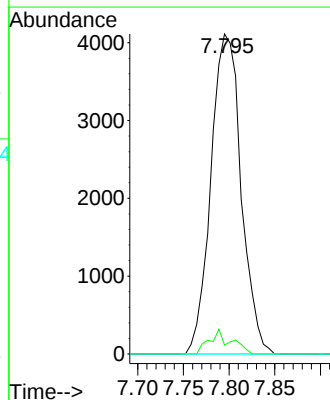
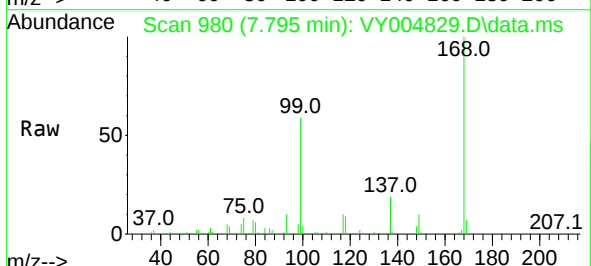
RT: 7.795 min Scan# 980

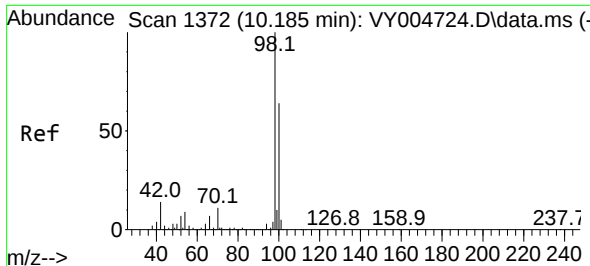
Delta R.T. -0.110 min

Lab File: VY004829.D

Acq: 18 May 2021 16:14

Tgt Ion:	117	Resp:	9450
Ion	Ratio	Lower	Upper
117	100		
119	2.8	76.3	114.5#
121	0.0	23.0	34.6#

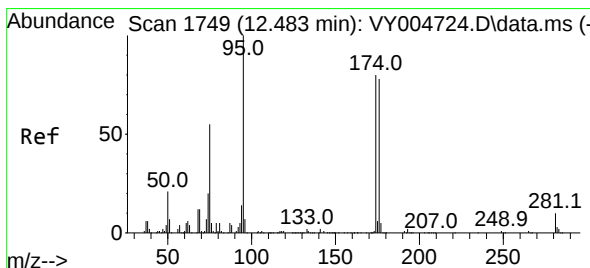
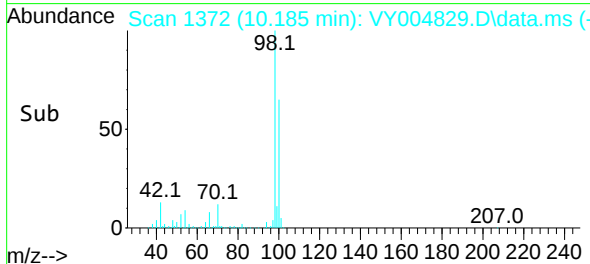
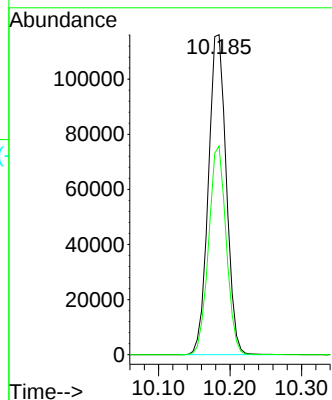
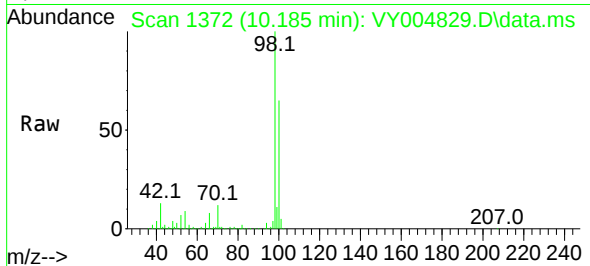




#50
Toluene-d8
Concen: 50.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

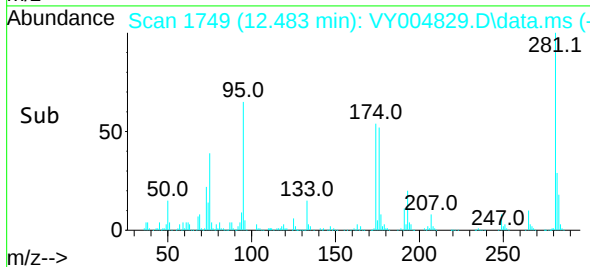
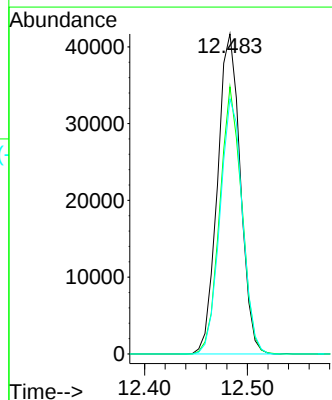
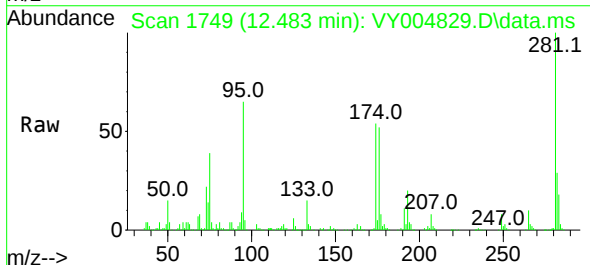
Instrument :
MSVOA_Y
ClientSampled :

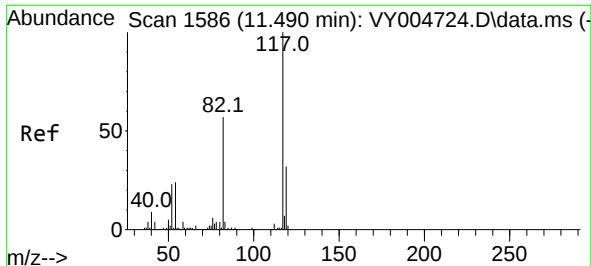
Tgt Ion: 98 Resp: 201855
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 95 Resp: 64156
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.2
176 78.4 0.0 159.0

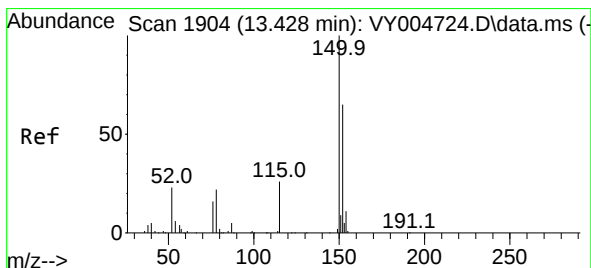
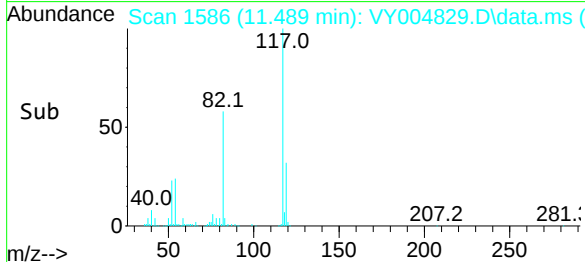
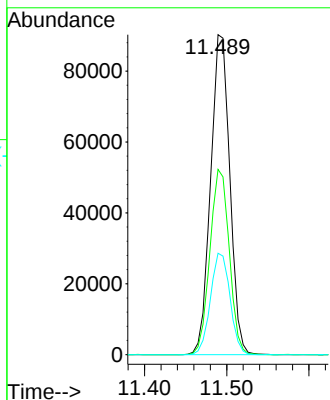
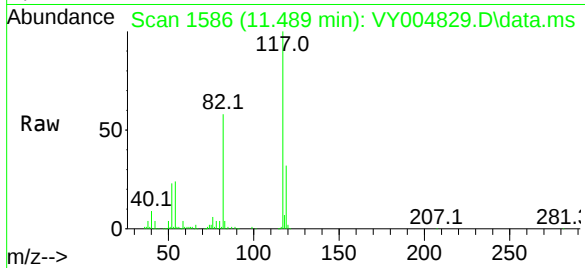




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

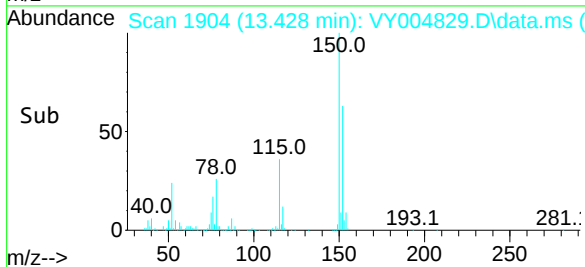
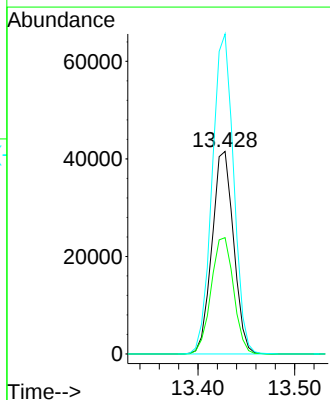
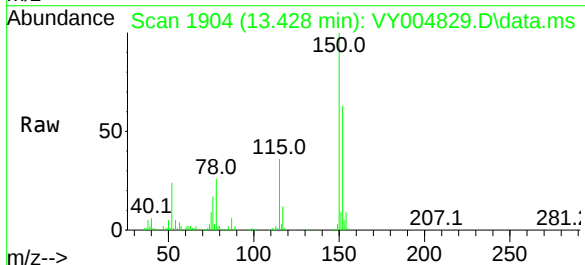
Instrument :
MSVOA_Y
ClientSampleId :

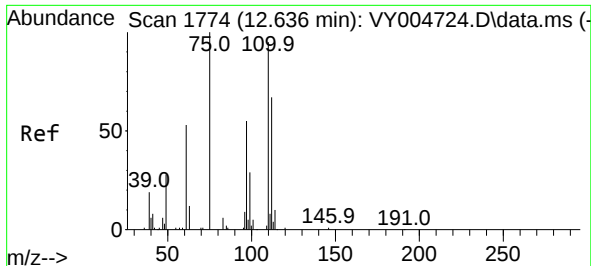
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.4	68.2
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.4	88.3
150	157.0	0.0	349.8

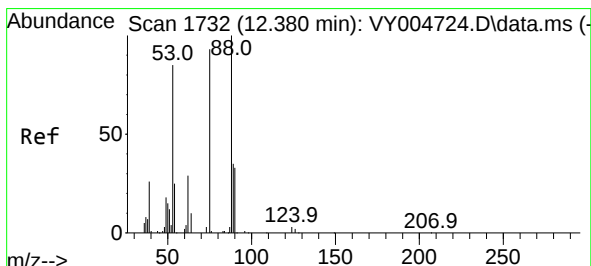
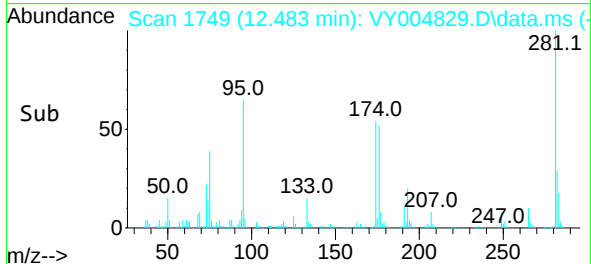
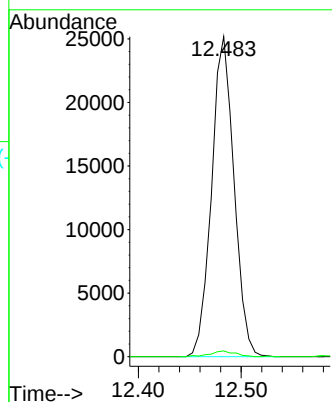
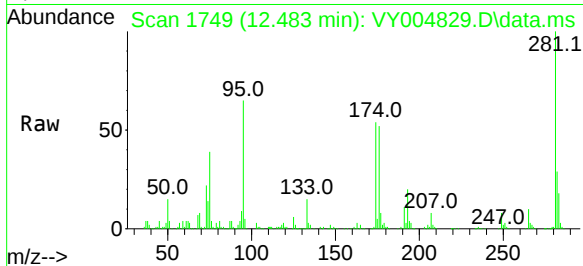




#76
1,2,3-Trichloropropane
Concen: 55.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 38203
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 75 Resp: 38203
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 3.1 35.5 53.3#

