

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004825.D
 Acq On : 18 May 2021 14:42
 Operator : SY/MD
 Sample : M2413-01RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:03:59 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)

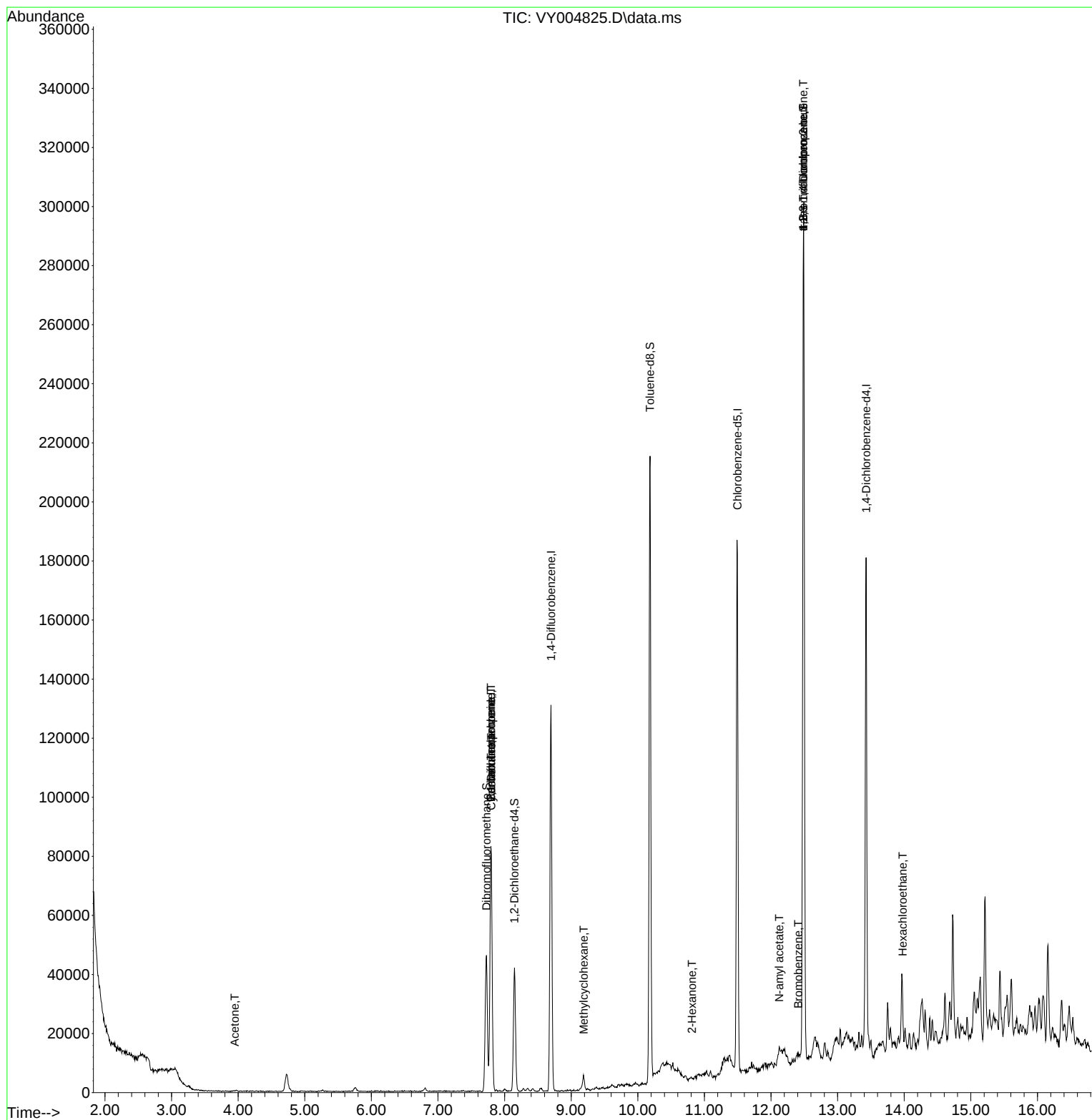
Internal Standards						
1) Pentafluorobenzene	7.795	168	61157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	94743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31205	42.87	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.74%		
35) Dibromofluoromethane	7.728	113	32163	56.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	113.82%		
50) Toluene-d8	10.185	98	132828	52.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.06%		
62) 4-Bromofluorobenzene	12.483	95	41596	48.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.54%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	583	3.57	ug/l #	45
20) Methylene Chloride	4.728	84	3952	Below Cal		95
31) Cyclohexane	7.801	56	2129	1.81	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	5361	5.07	ug/l #	49
38) Carbon Tetrachloride	7.795	117	6577	6.92	ug/l #	18
39) Methylcyclohexane	9.191	83	1892	1.64	ug/l	91
59) 2-Hexanone	10.813	43	576	1.17	ug/l #	27
74) N-amyl acetate	12.123	43	1103	1.08	ug/l #	58
76) 1,2,3-Trichloropropane	12.483	75	23601	58.30	ug/l #	100
77) Bromobenzene	12.410	156	1449	2.23	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	23601	101.09	ug/l #	13
90) Hexachloroethane	13.977	117	381	1.05	ug/l #	14

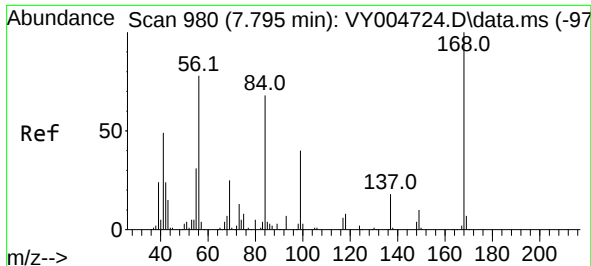
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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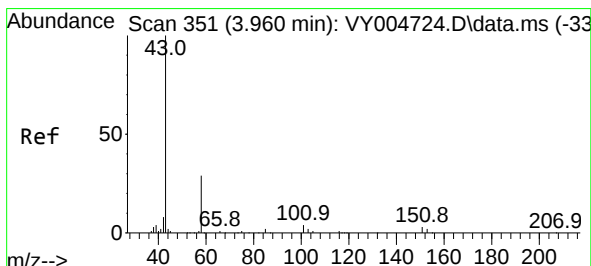
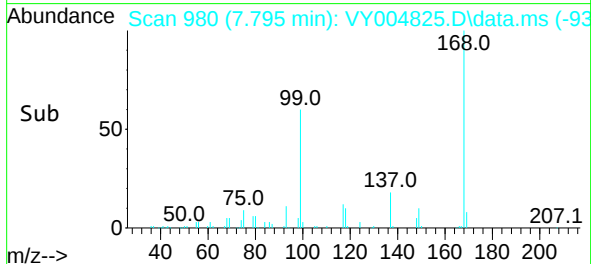
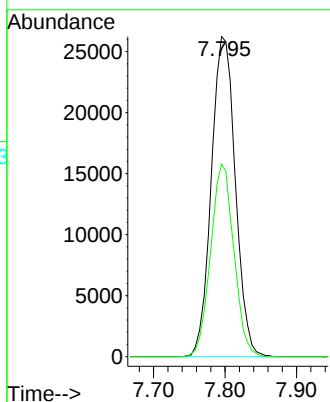
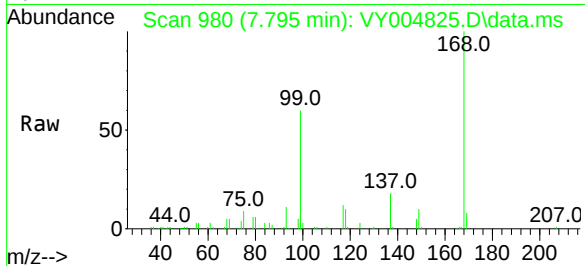




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

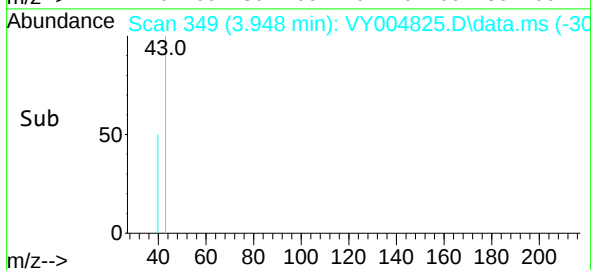
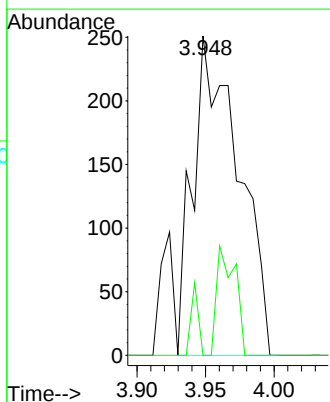
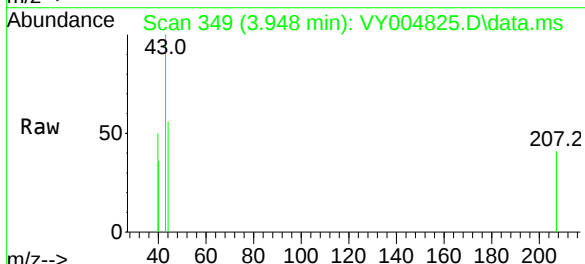
Instrument :
MSVOA_Y
ClientSampled :

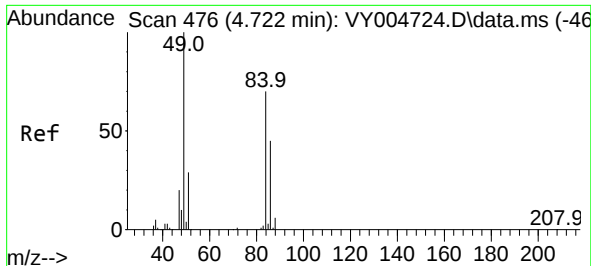
Tgt Ion:168 Resp: 61157
Ion Ratio Lower Upper
168 100
99 60.2 45.6 68.4



#16
Acetone
Concen: 3.57 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

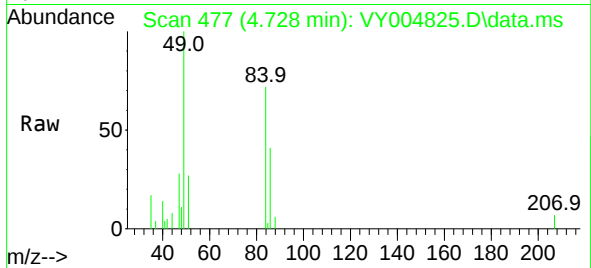
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#





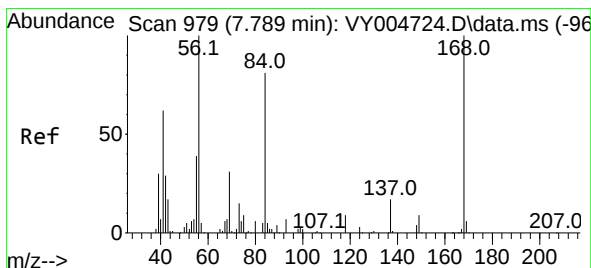
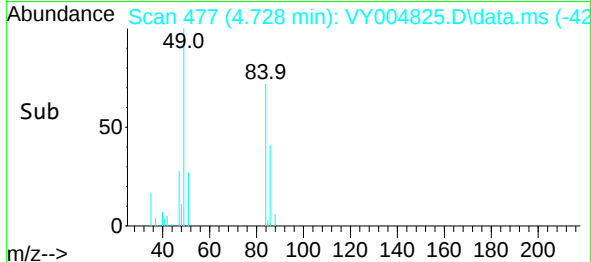
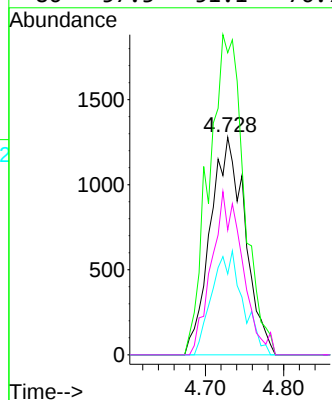
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Instrument :
MSVOA_Y
ClientSampled :

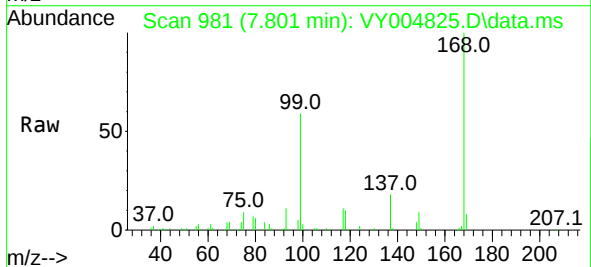


Tgt Ion: 84 Resp: 3952

Ion	Ratio	Lower	Upper
84	100		
49	138.9	113.8	170.8
51	37.1	33.5	50.3
86	57.3	51.1	76.7

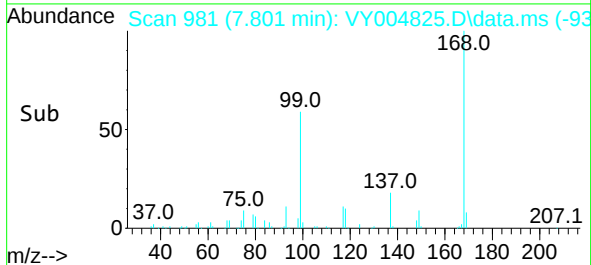
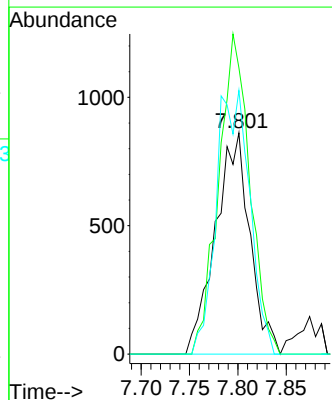


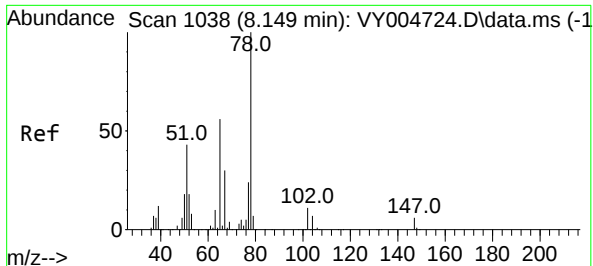
#31
Cyclohexane
Concen: 1.81 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42



Tgt Ion: 56 Resp: 2129

Ion	Ratio	Lower	Upper
56	100		
69	129.4	24.4	36.6#
84	119.1	64.8	97.2#

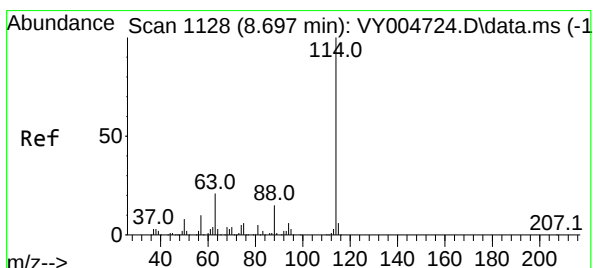
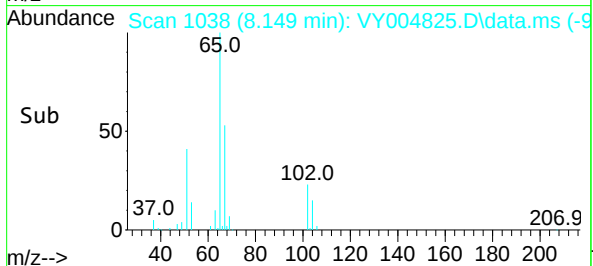
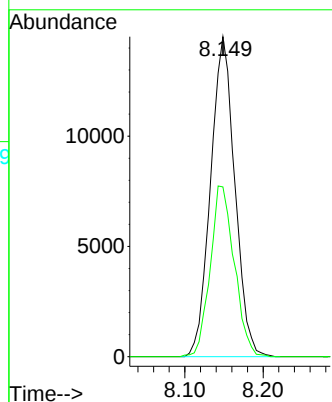
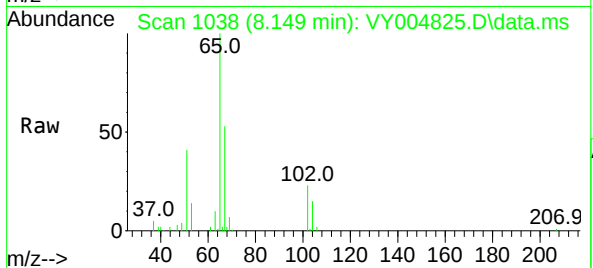




#33
1,2-Dichloroethane-d4
Concen: 42.87 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

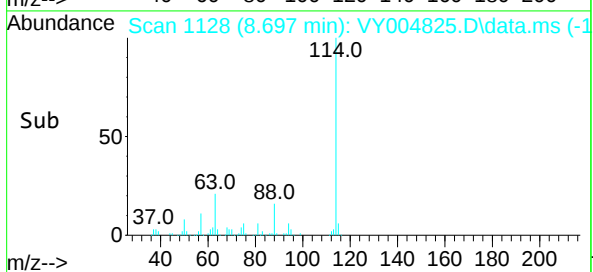
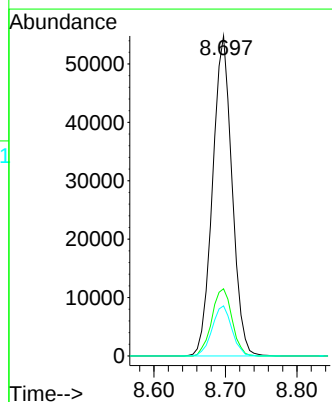
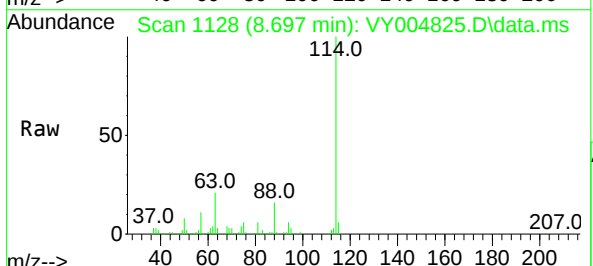
Instrument :
MSVOA_Y
ClientSampled :

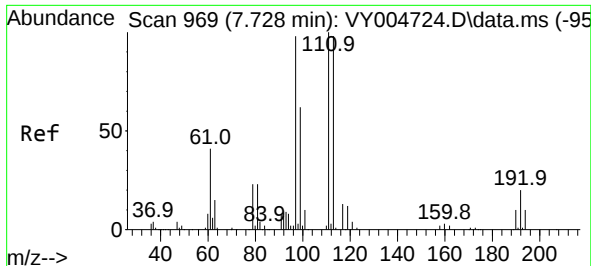
Tgt Ion: 65 Resp: 31205
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 114 Resp: 103232
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 15.7 0.0 31.0

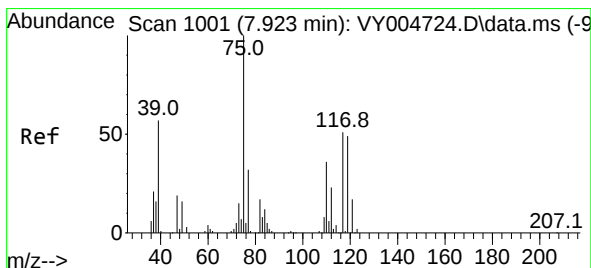
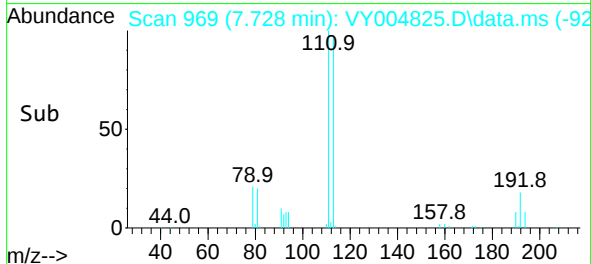
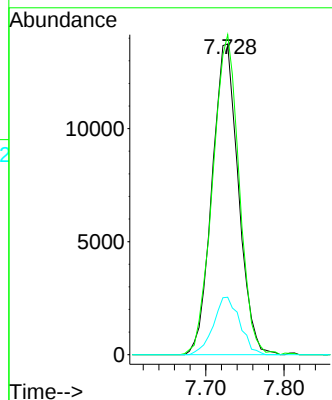
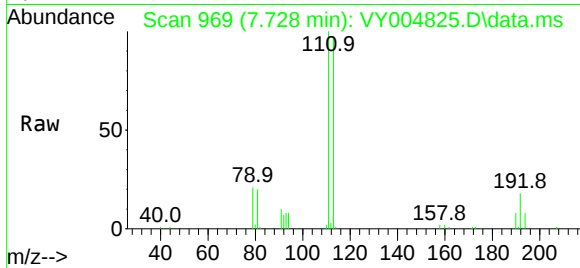




#35
Dibromofluoromethane
Concen: 56.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

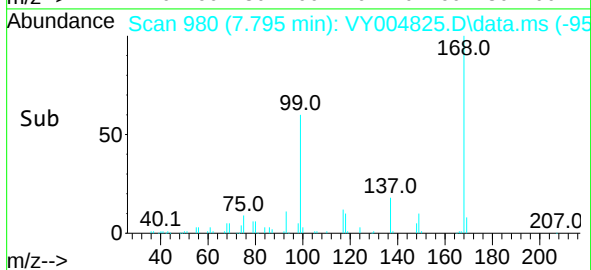
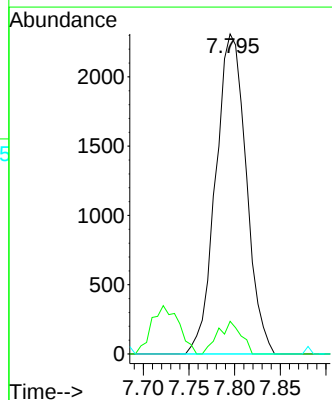
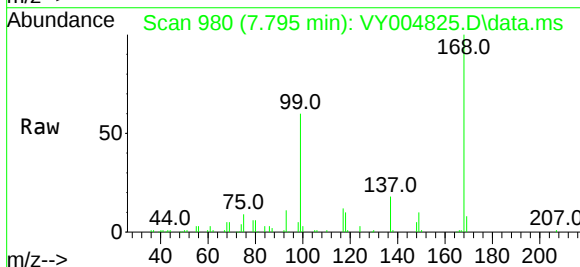
Instrument :
MSVOA_Y
ClientSampleId :

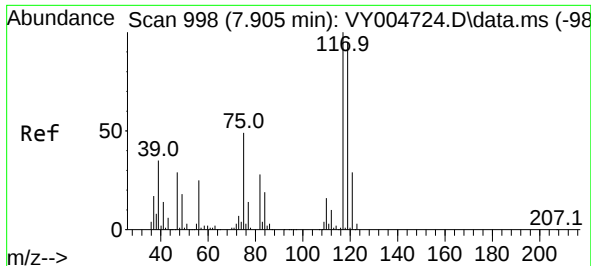
Tgt Ion:	113	Resp:	32163
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	18.5	15.0	22.6



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

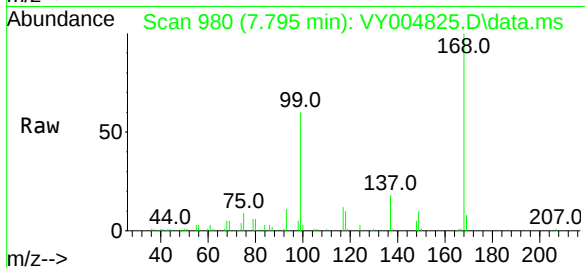
Tgt Ion:	75	Resp:	5361
Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.0	50.9#
77	0.0	25.0	37.4#



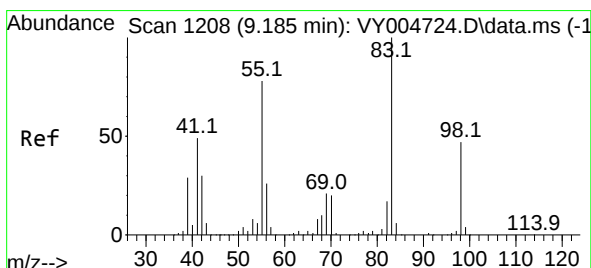
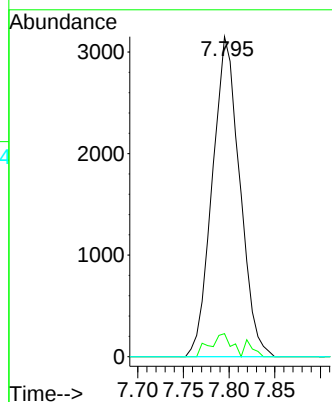
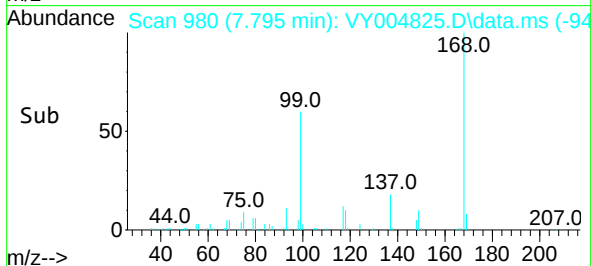


#38
Carbon Tetrachloride
Concen: 6.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

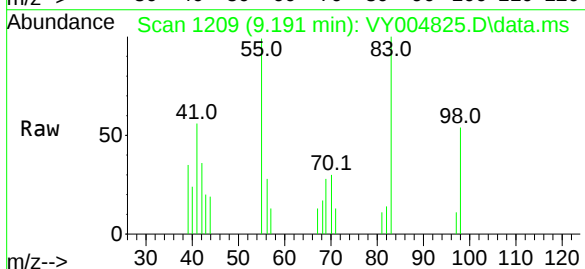
Instrument :
MSVOA_Y
ClientSampleId :



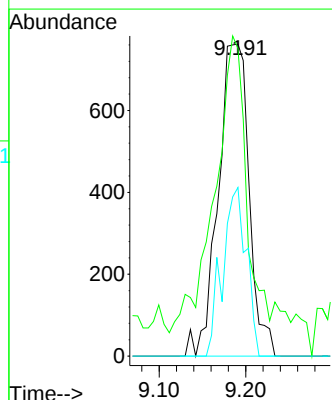
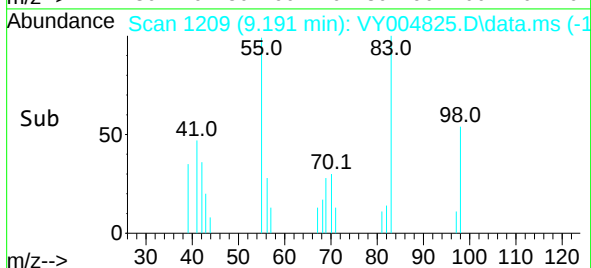
Tgt Ion:117 Resp: 6577
Ion Ratio Lower Upper
117 100
119 7.2 76.3 114.5#
121 0.0 23.0 34.6#

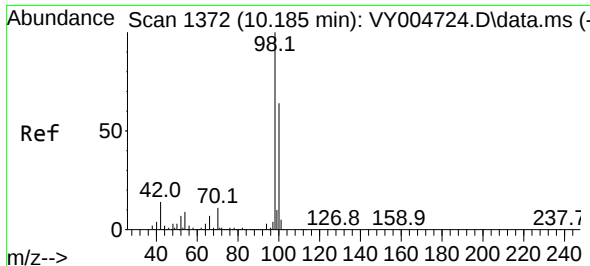


#39
Methylcyclohexane
Concen: 1.64 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42



Tgt Ion: 83 Resp: 1892
Ion Ratio Lower Upper
83 100
55 85.2 62.6 94.0
98 54.1 37.8 56.6

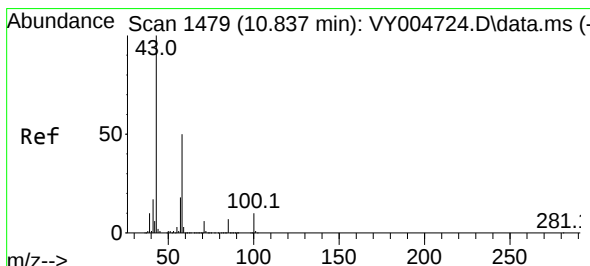
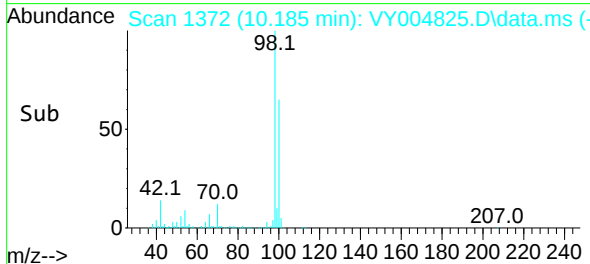
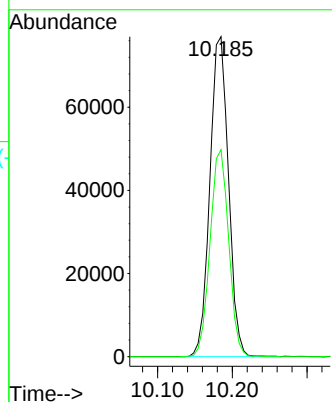
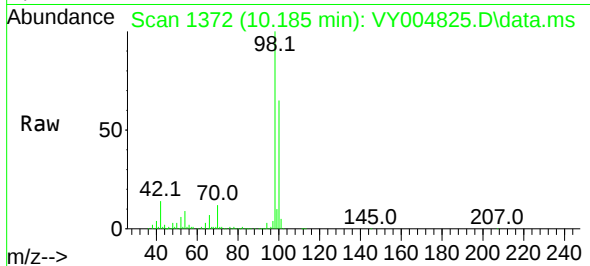




#50
Toluene-d8
Concen: 52.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

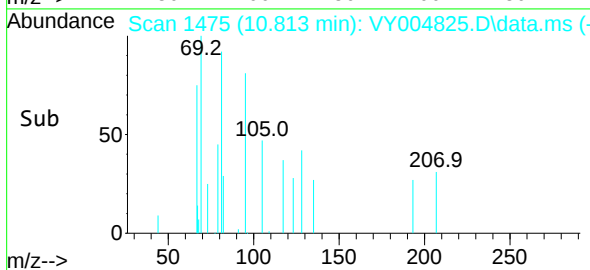
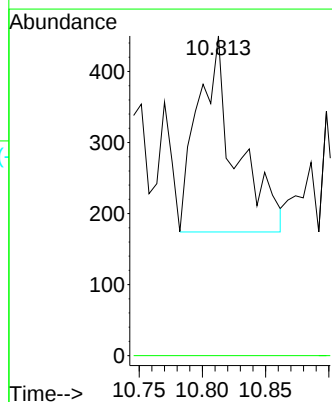
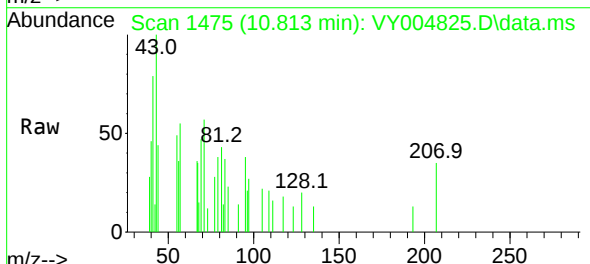
Instrument :
MSVOA_Y
ClientSampled :

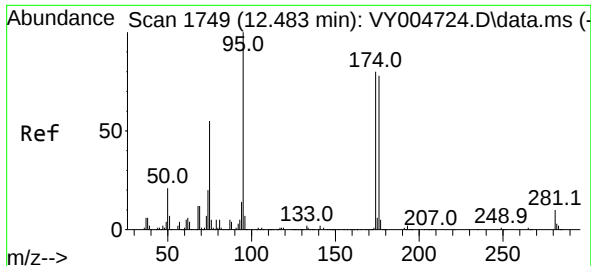
Tgt Ion: 98 Resp: 132828
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#59
2-Hexanone
Concen: 1.17 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.024 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.8#

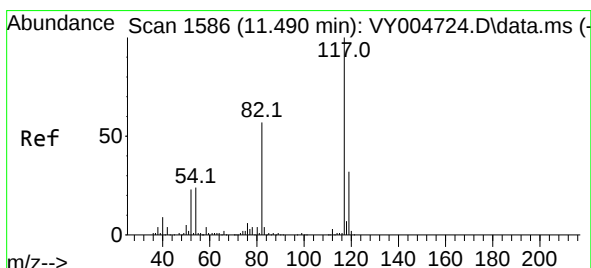
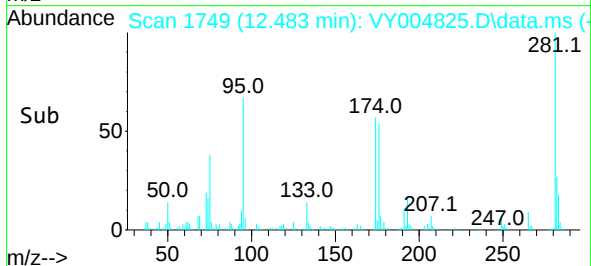
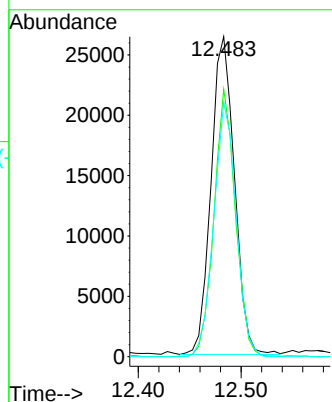
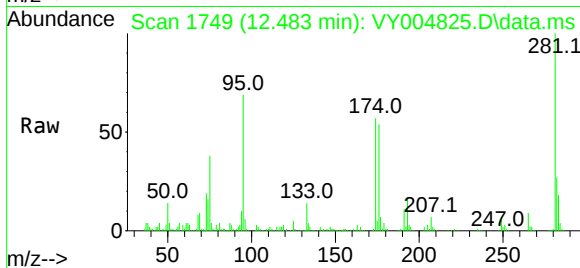




#62
4-Bromofluorobenzene
Concen: 48.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

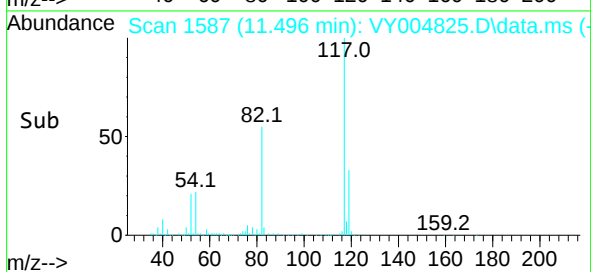
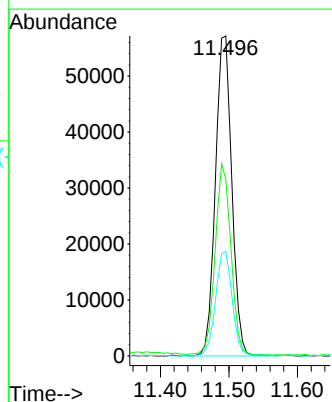
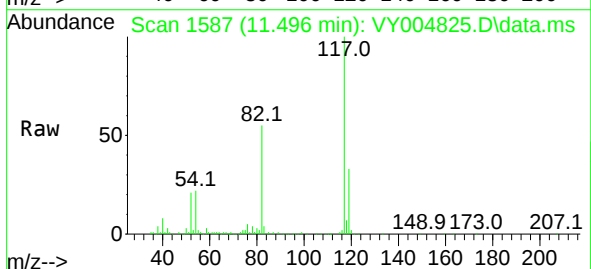
Instrument :
MSVOA_Y
ClientSampleId :

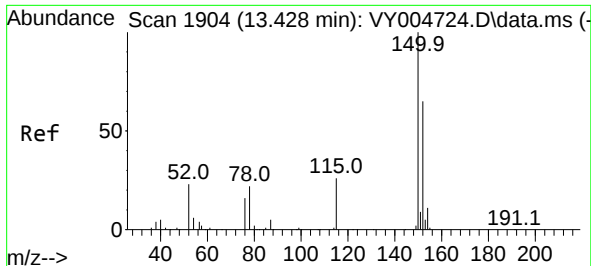
Tgt Ion: 95 Resp: 41596
Ion Ratio Lower Upper
95 100
174 77.3 0.0 164.2
176 76.6 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion:117 Resp: 94743
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.5 25.8 38.6

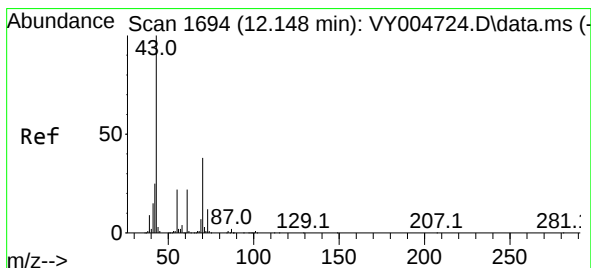
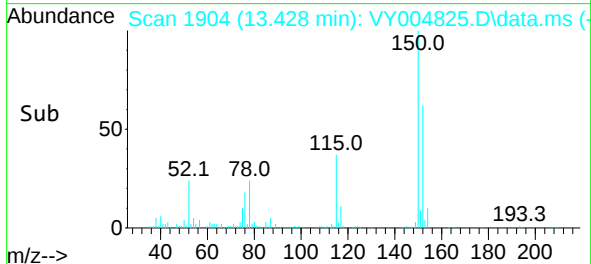
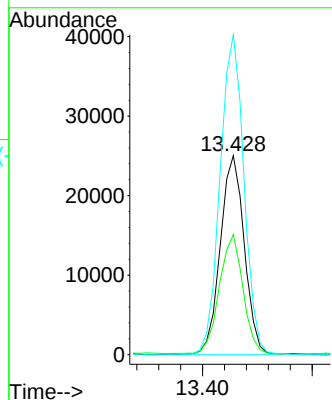
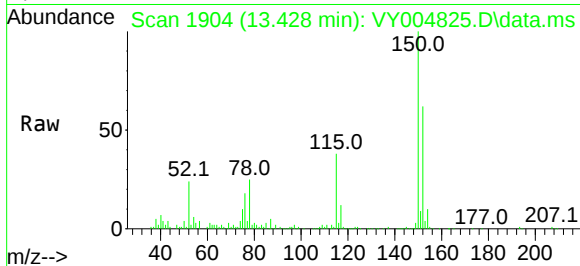




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

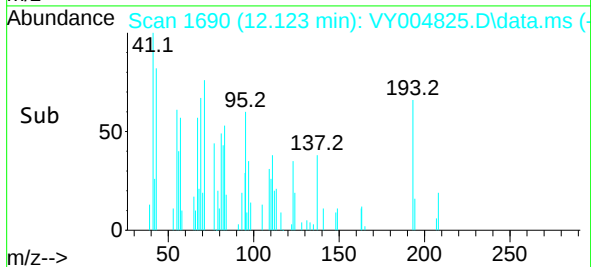
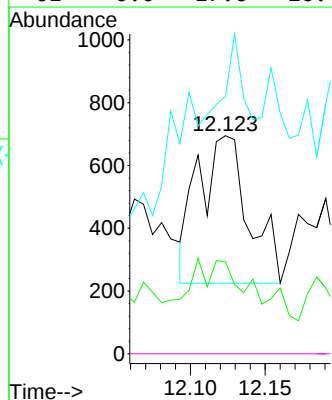
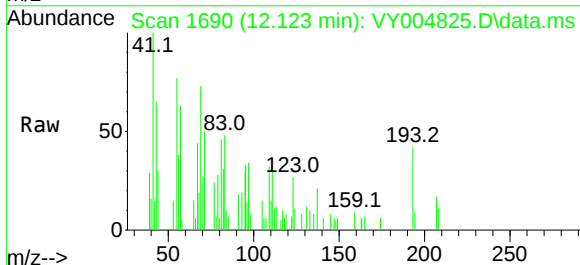
Instrument :
MSVOA_Y
ClientSampleId :

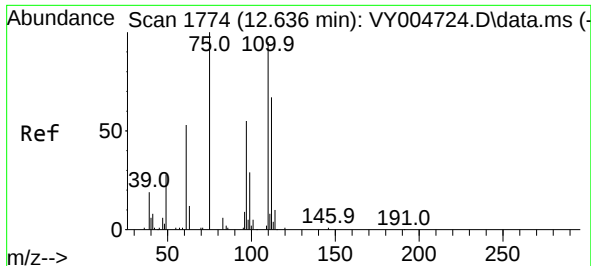
Tgt Ion:152 Resp: 38113
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 159.5 0.0 349.8



#74
N-ethyl acetate
Concen: 1.08 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
70 0.0 30.2 45.2#
55 24.4 17.8 26.8
61 0.0 17.6 26.4#

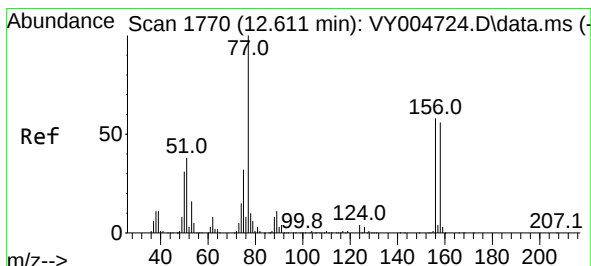
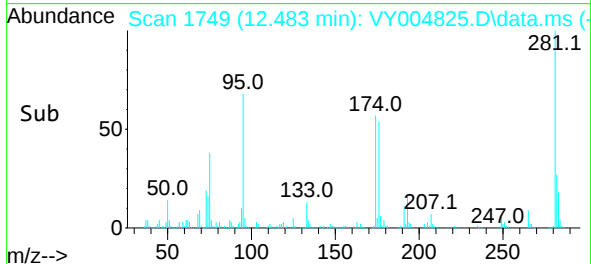
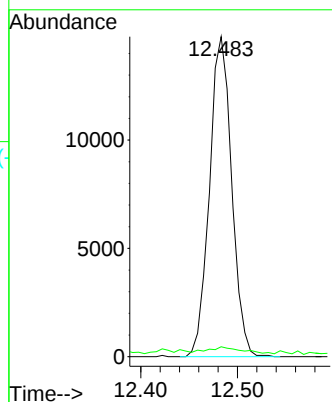
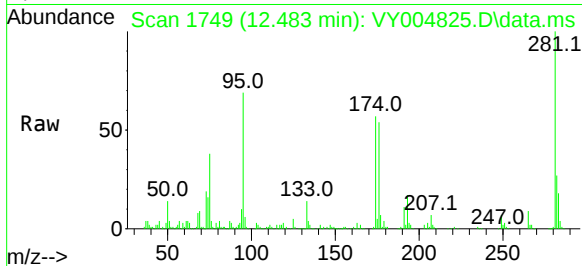




#76
1,2,3-Trichloropropane
Concen: 58.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

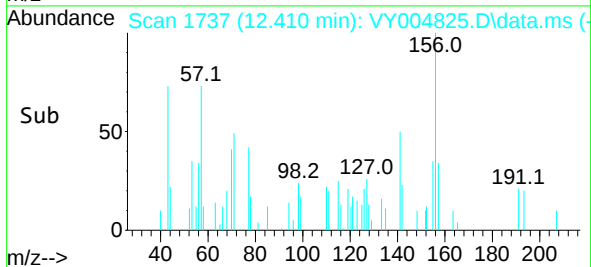
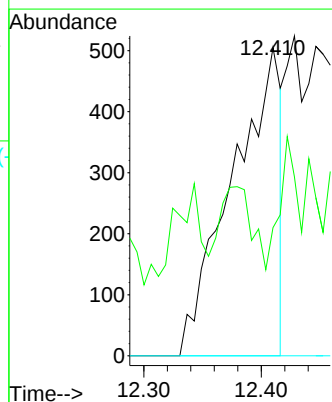
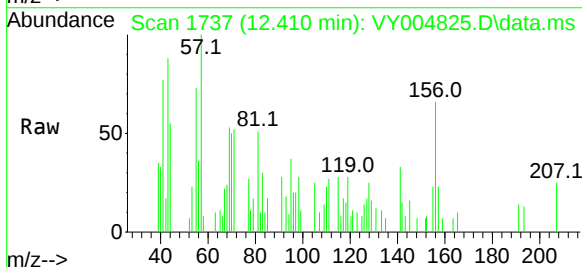
Instrument :
MSVOA_Y
ClientSampleId :

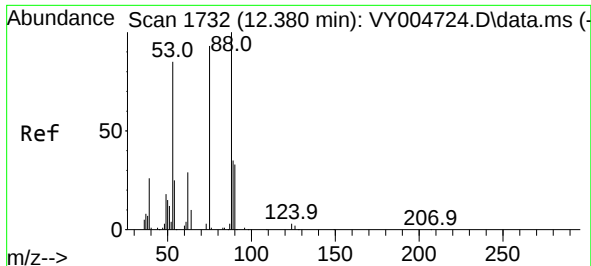
Tgt Ion: 75 Resp: 23601
Ion Ratio Lower Upper
75 100
77 3.3 0.0 0.0#



#77
Bromobenzene
Concen: 2.23 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. -0.201 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 156 Resp: 1449
Ion Ratio Lower Upper
156 100
77 14.9 100.6 301.9#
158 0.0 48.8 146.3#

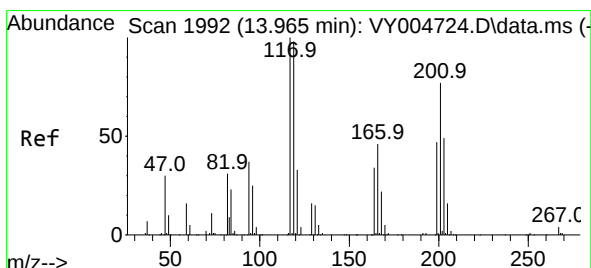
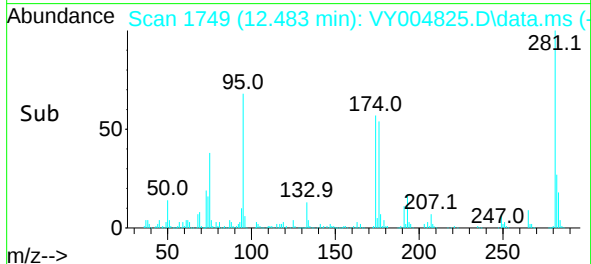
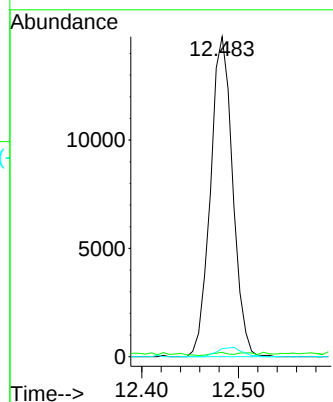
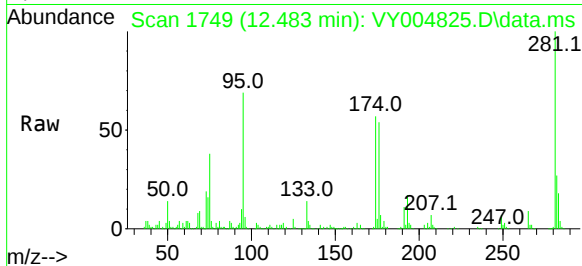




#81
trans-1,4-Dichloro-2-butene
Concen: 101.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23601
Ion Ratio Lower Upper
75 100
53 0.7 73.9 110.9#
89 0.0 35.5 53.3#



#90
Hexachloroethane
Concen: 1.05 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004825.D
Acq: 18 May 2021 14:42

Tgt Ion: 117 Resp: 381
Ion Ratio Lower Upper
117 100
201 0.0 35.9 107.8#

