

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004814.D
 Acq On : 17 May 2021 19:35
 Operator : SY/MD
 Sample : M2420-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:07:55 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)

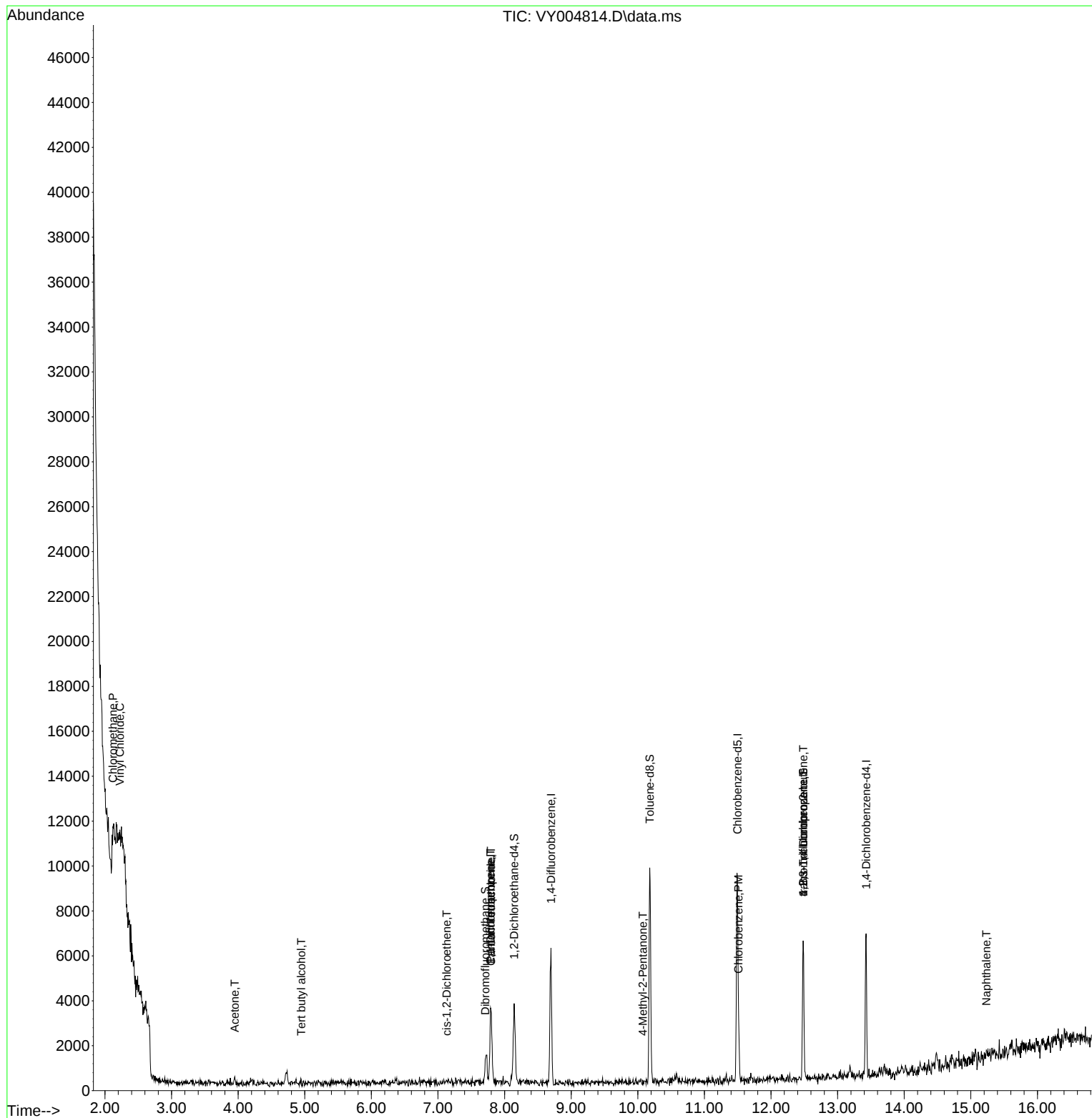
Internal Standards						
1) Pentafluorobenzene	7.789	168	3218	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	5163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2674	69.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.62%
35) Dibromofluoromethane	7.710	113	917	32.44	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.88%
50) Toluene-d8	10.179	98	6426	50.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.66%
62) 4-Bromofluorobenzene	12.483	95	1908	44.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.56%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	150	3.14	ug/l	# 43
4) Vinyl Chloride	2.223	62	307	6.28	ug/l	# 43
11) Tert butyl alcohol	4.948	59	19	4.94	ug/l	# 71
16) Acetone	3.948	43	238	27.66	ug/l	# 45
20) Methylene Chloride	4.722	84	264	Below	Cal	# 85
27) cis-1,2-Dichloroethene	7.131	96	46	1.15	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	278	5.25	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	220	4.63	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.075	43	67	1.85	ug/l	# 39
65) Chlorobenzene	11.514	112	971	9.46	ug/l	# 83
76) 1,2,3-Trichloropropane	12.483	75	1189	73.79	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1189	127.95	ug/l	# 13
95) Naphthalene	15.233	128	69	1.11	ug/l	# 69

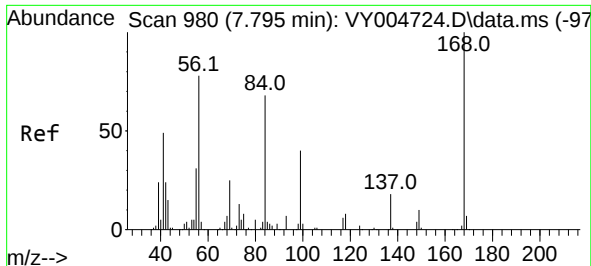
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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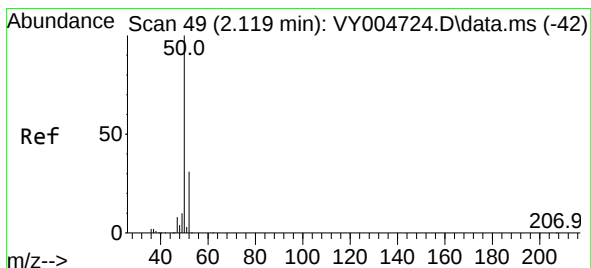
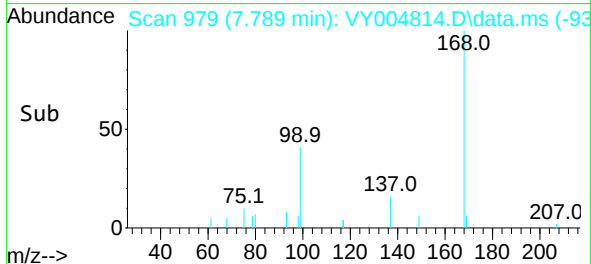
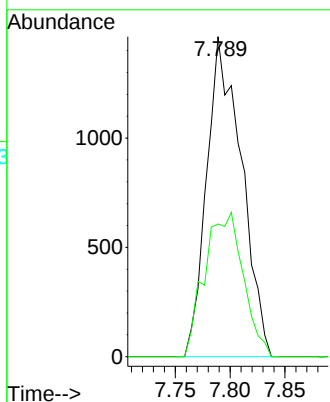
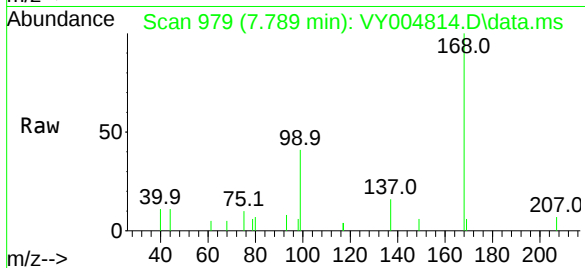




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

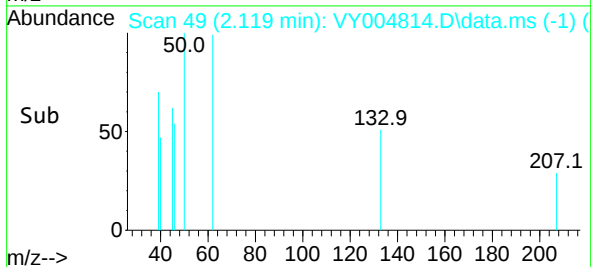
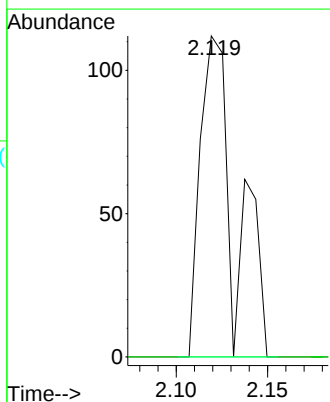
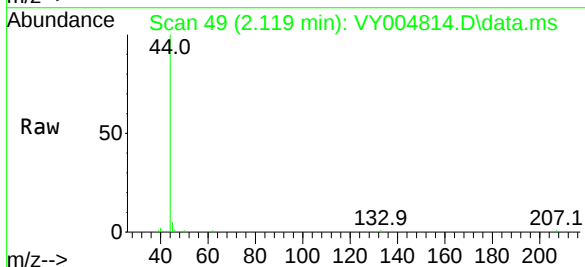
Instrument :
MSVOA_Y
ClientSampleId :

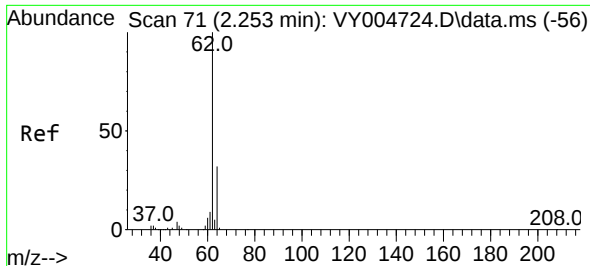
Tgt Ion:168 Resp: 3218
Ion Ratio Lower Upper
168 100
99 41.5 45.6 68.4#



#3
Chloromethane
Concen: 3.14 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion: 50 Resp: 150
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.6#

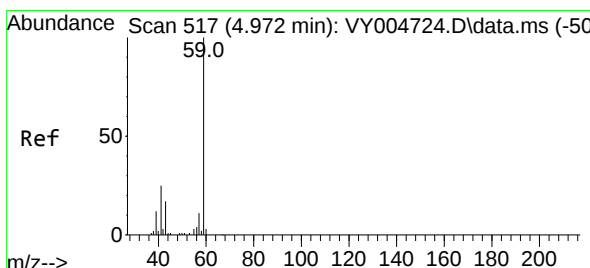
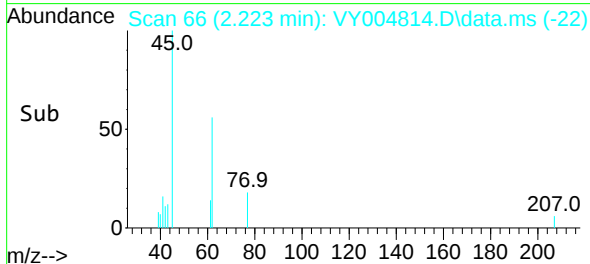
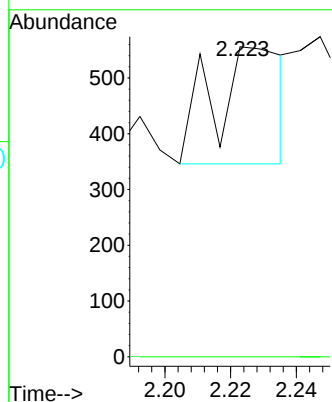
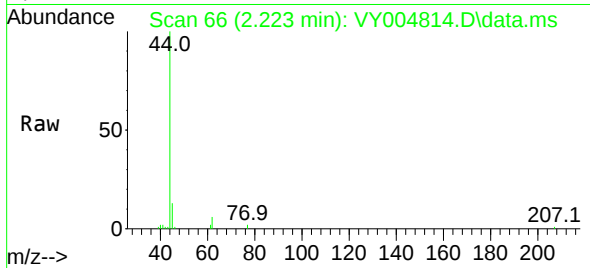




#4
 Vinyl Chloride
 Concen: 6.28 ug/l
 RT: 2.223 min Scan# 66
 Delta R.T. -0.031 min
 Lab File: VY004814.D
 Acq: 17 May 2021 19:35

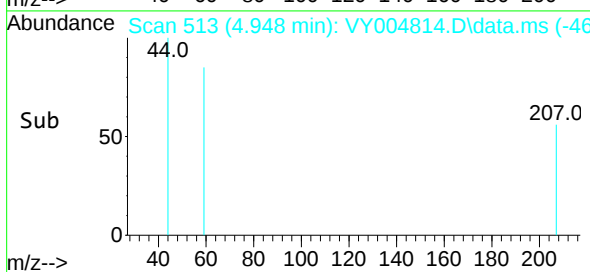
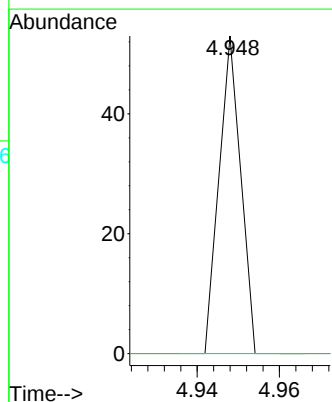
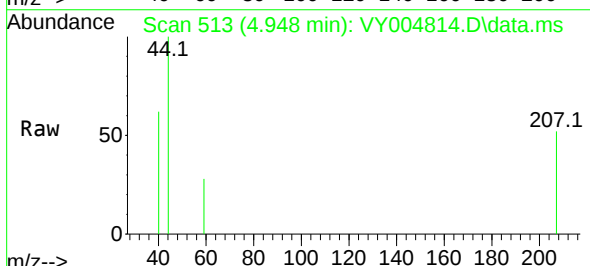
Instrument :
 MSVOA_Y
 ClientSampled :

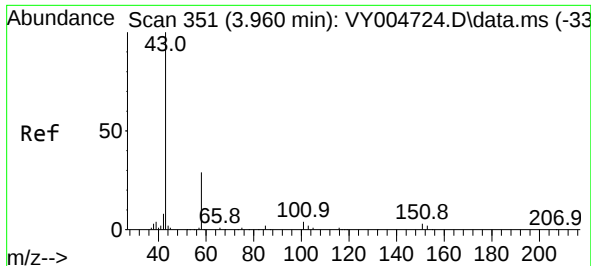
Tgt Ion: 62 Resp: 307
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#11
 Tert butyl alcohol
 Concen: 4.94 ug/l
 RT: 4.948 min Scan# 513
 Delta R.T. -0.024 min
 Lab File: VY004814.D
 Acq: 17 May 2021 19:35

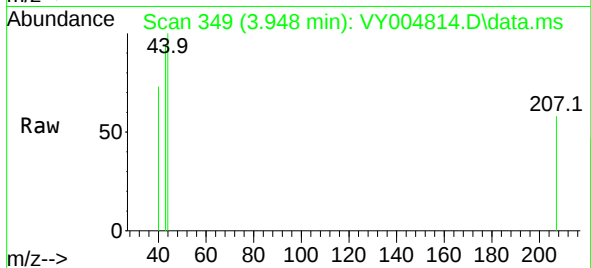
Tgt Ion: 59 Resp: 19
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



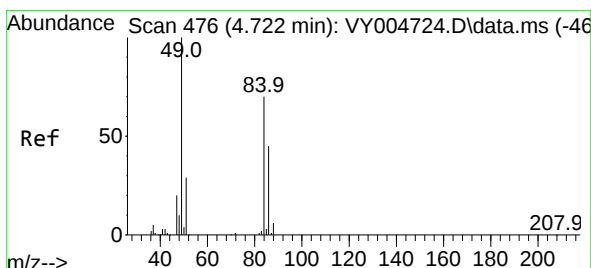
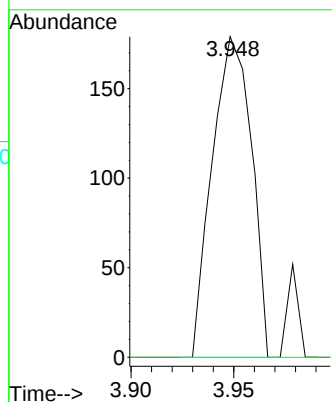
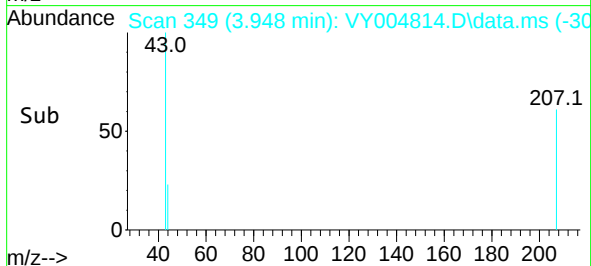


#16
Acetone
Concen: 27.66 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

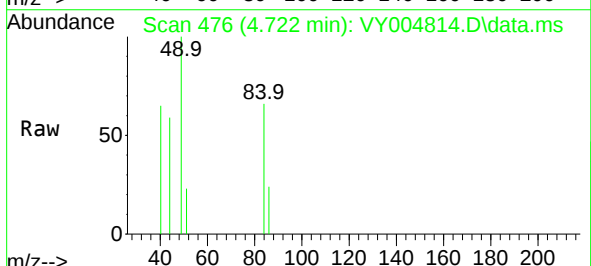
Instrument :
MSVOA_Y
ClientSampleId :



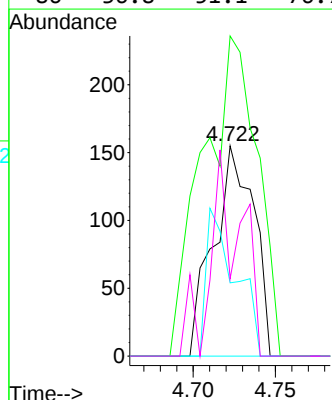
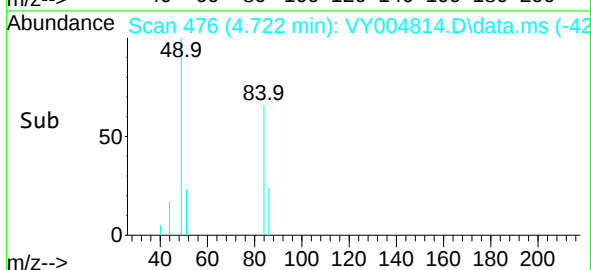
Tgt Ion: 43 Resp: 238
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#

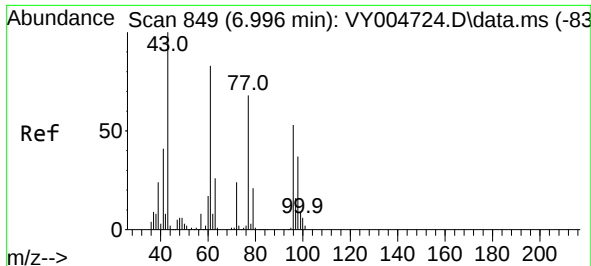


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35



Tgt Ion: 84 Resp: 264
Ion Ratio Lower Upper
84 100
49 152.3 113.8 170.8
51 34.8 33.5 50.3
86 36.8 51.1 76.7#





#27

cis-1,2-Dichloroethene

Concen: 1.15 ug/l

RT: 7.131 min Scan# 871

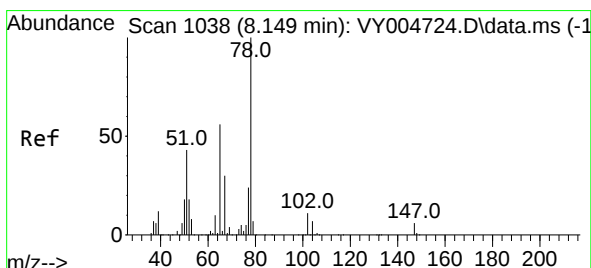
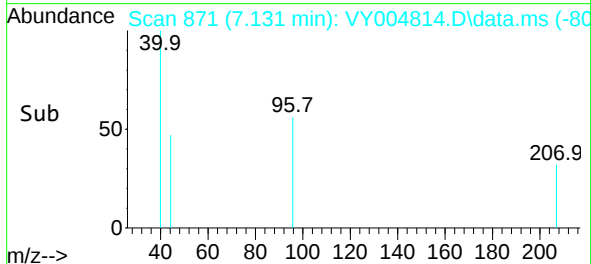
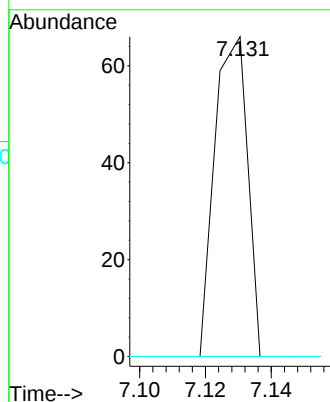
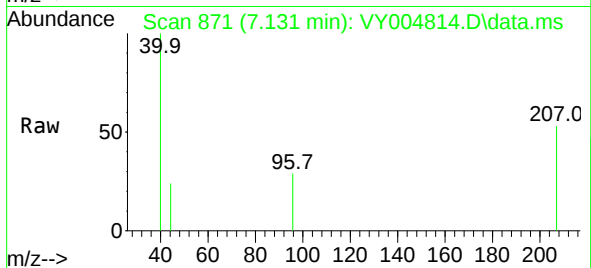
Delta R.T. 0.134 min

Lab File: VY004814.D

Acq: 17 May 2021 19:35

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 96	Resp:	46
Ion Ratio	Lower	Upper
96	100	
61	0.0	308.4
98	0.0	132.0



#33

1,2-Dichloroethane-d4

Concen: 69.81 ug/l

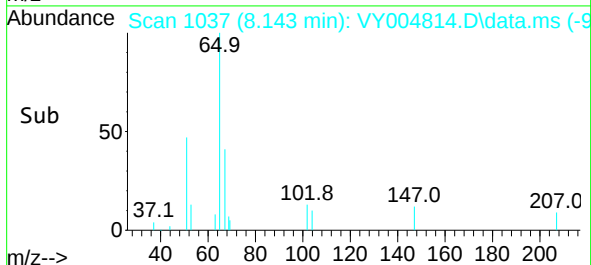
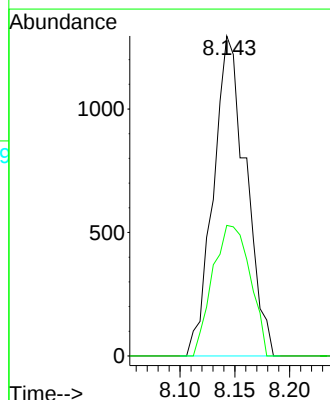
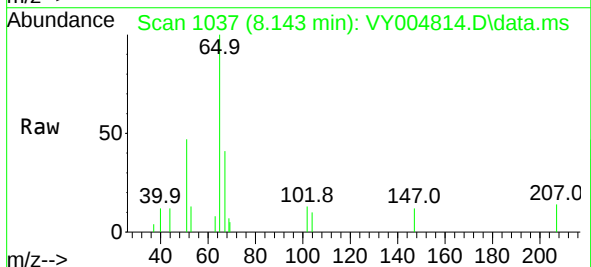
RT: 8.143 min Scan# 1037

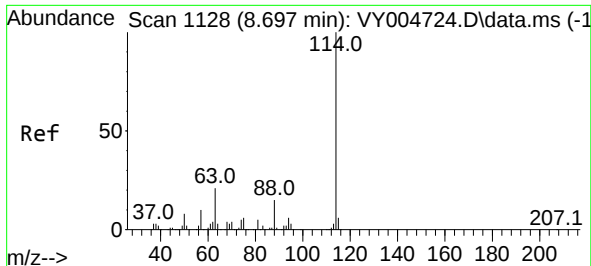
Delta R.T. -0.006 min

Lab File: VY004814.D

Acq: 17 May 2021 19:35

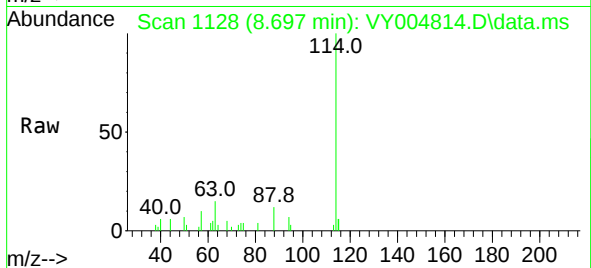
Tgt Ion: 65	Resp:	2674
Ion Ratio	Lower	Upper
65	100	
67	47.1	108.0



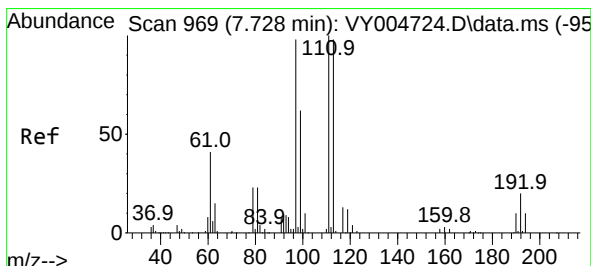
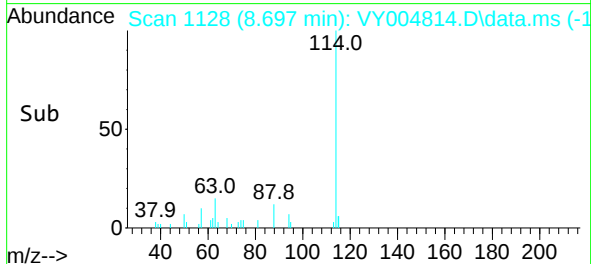
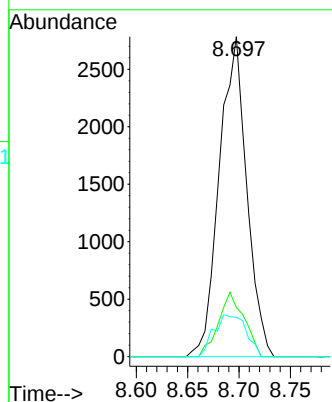


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Instrument :
MSVOA_Y
ClientSampleId :

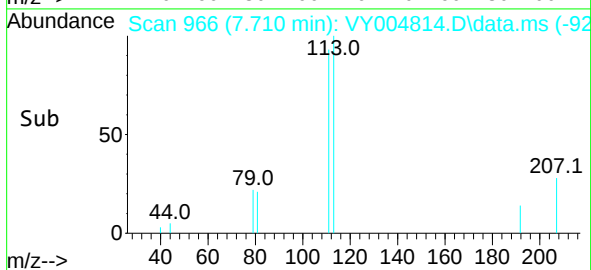
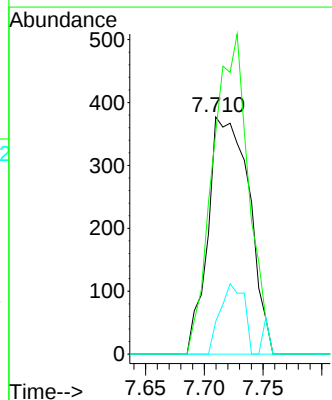
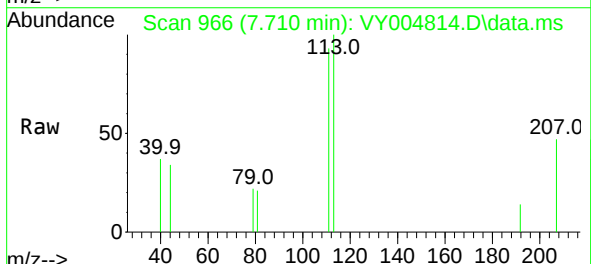


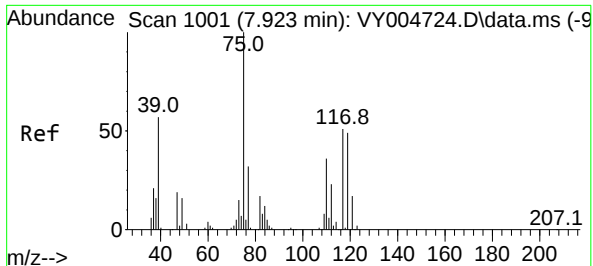
Tgt Ion:	114	Resp:	5163
Ion Ratio	Lower	Upper	
114	100		
63	15.4	0.0	42.8
88	12.3	0.0	31.0



#35
Dibromofluoromethane
Concen: 32.44 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.018 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion:	113	Resp:	917
Ion Ratio	Lower	Upper	
113	100		
111	116.9	80.5	120.7
192	17.4	15.0	22.6

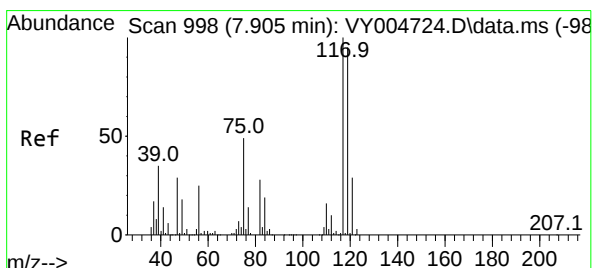
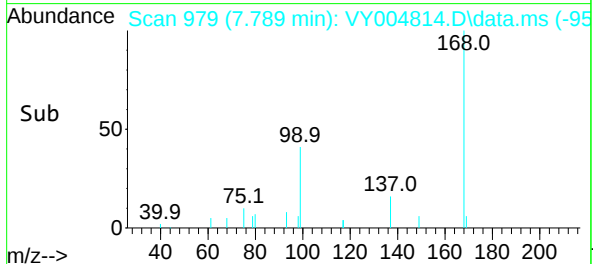
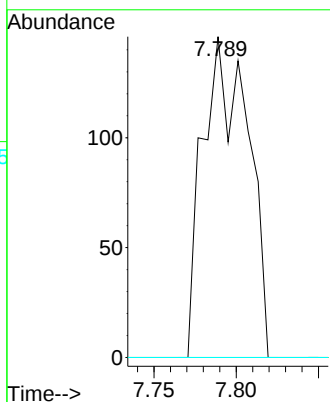
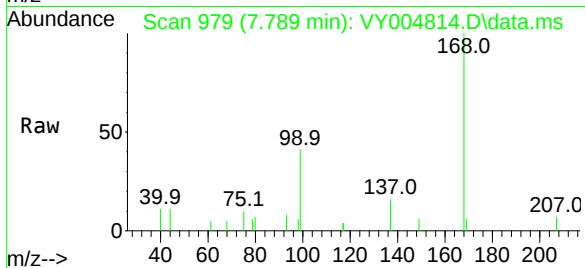




#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

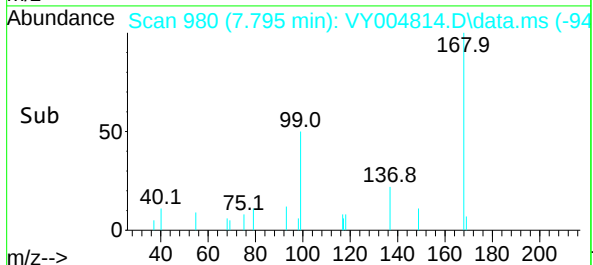
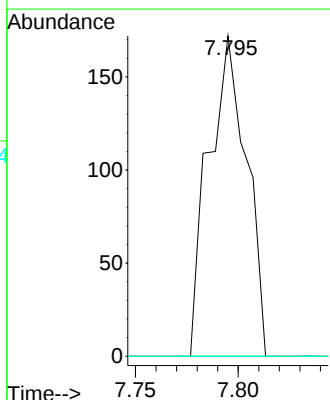
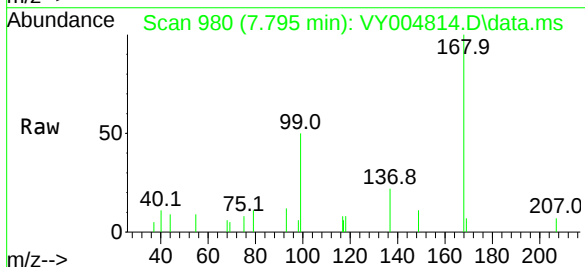
Instrument :
MSVOA_Y
ClientSampleId :

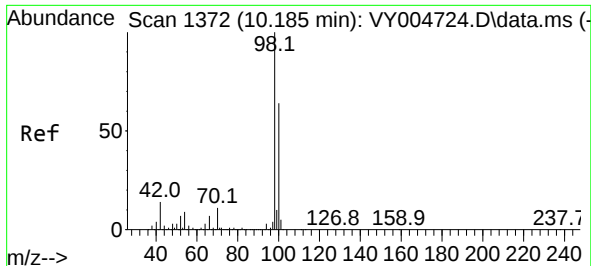
Tgt Ion: 75 Resp: 278
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.63 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion: 117 Resp: 220
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

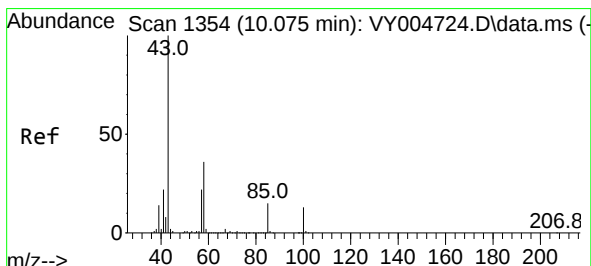
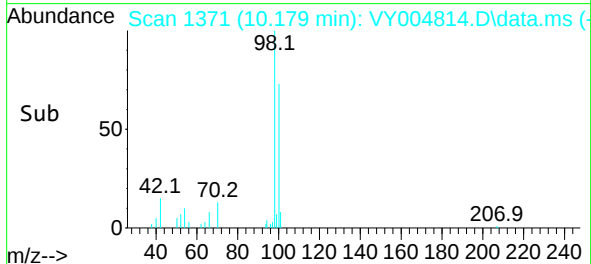
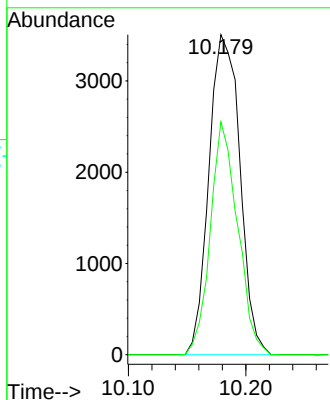
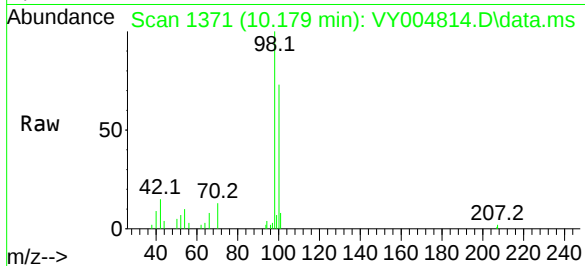




#50
Toluene-d8
Concen: 50.33 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

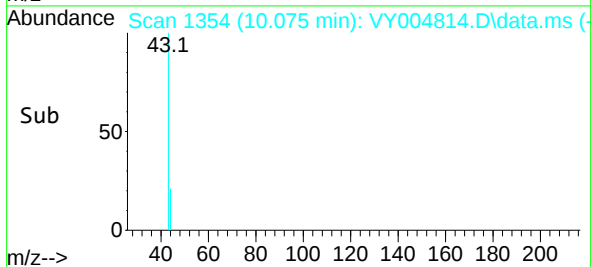
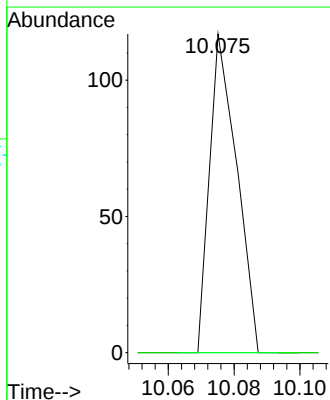
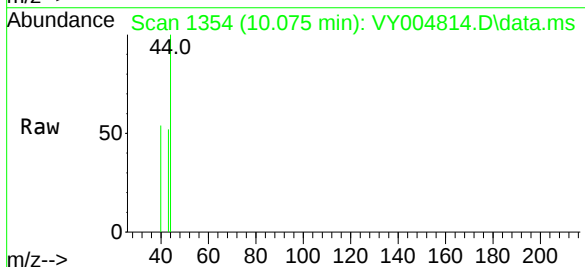
Instrument :
MSVOA_Y
ClientSampleId :

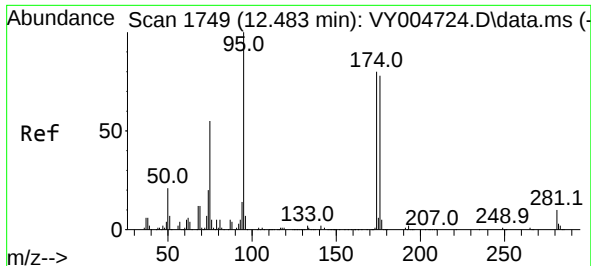
Tgt Ion: 98 Resp: 6426
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.85 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#

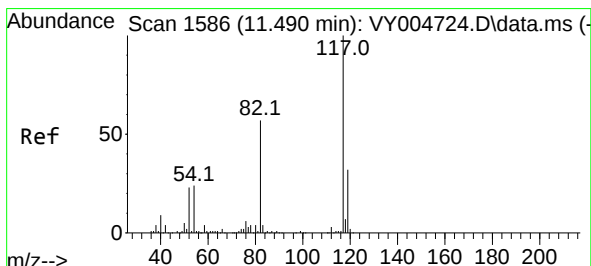
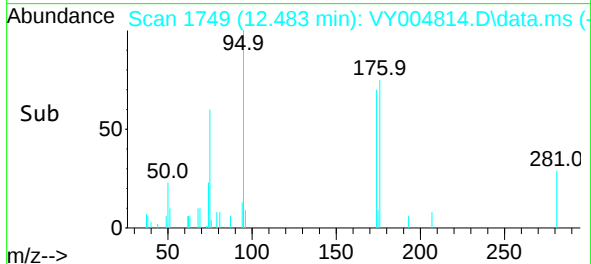
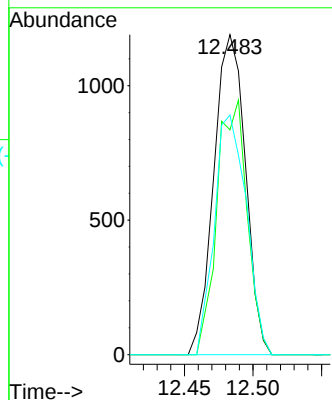
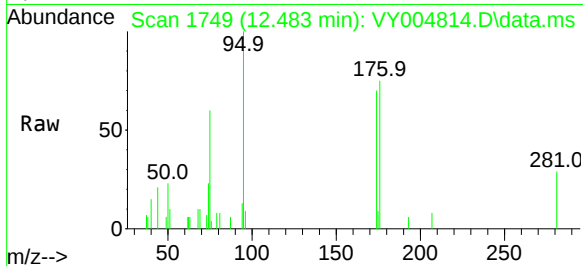




#62
4-Bromofluorobenzene
Concen: 44.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

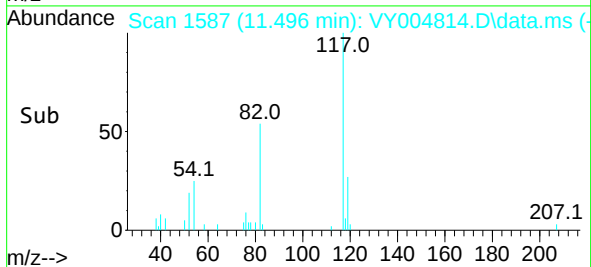
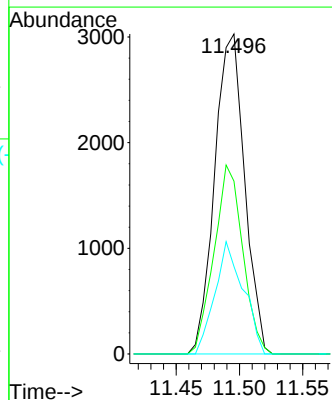
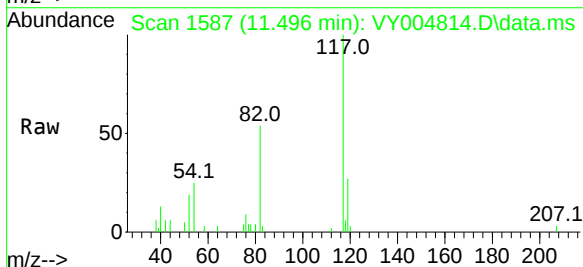
Instrument :
MSVOA_Y
ClientSampleId :

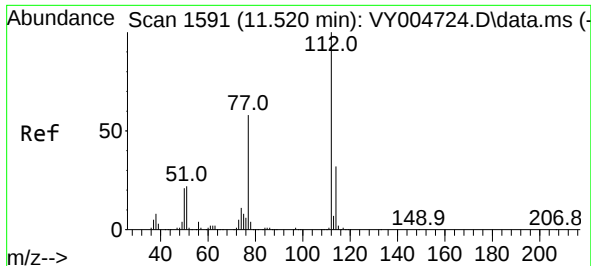
Tgt Ion: 95 Resp: 1908
Ion Ratio Lower Upper
95 100
174 75.7 0.0 164.2
176 76.0 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion:117 Resp: 4990
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.2
119 27.3 25.8 38.6

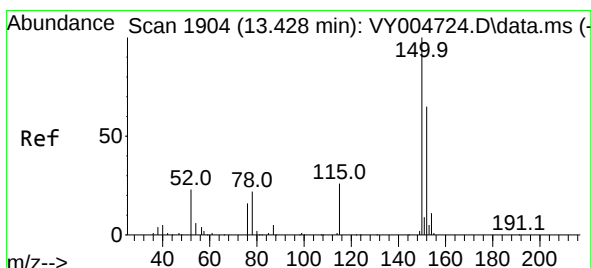
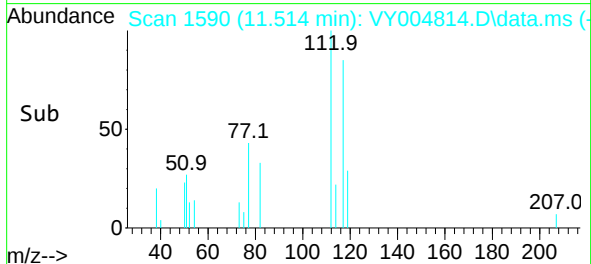
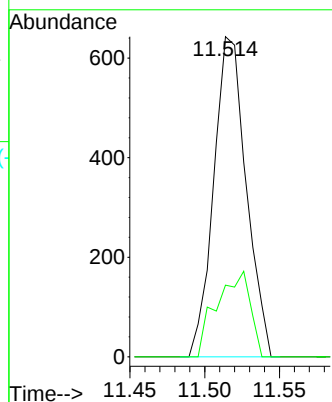
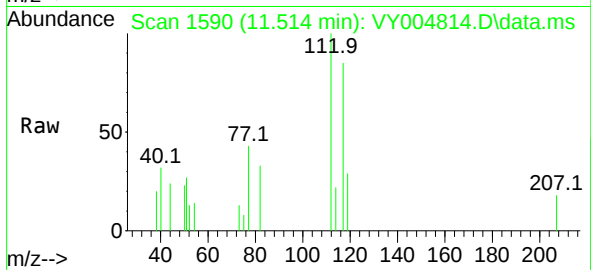




#65
Chlorobenzene
Concen: 9.46 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

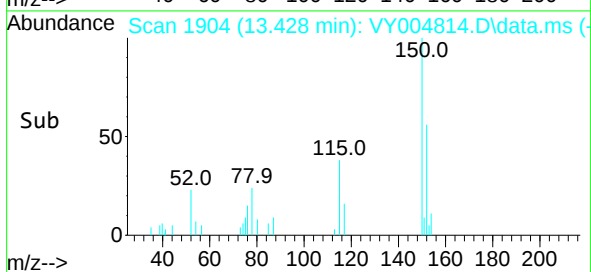
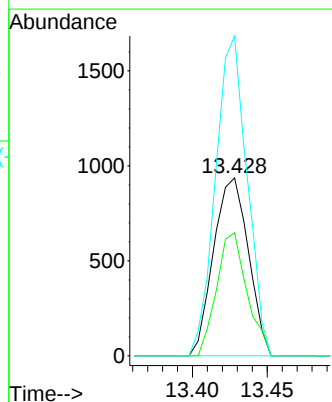
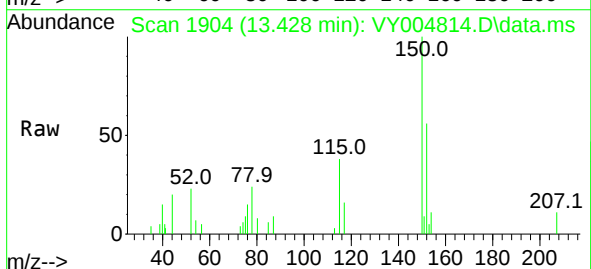
Instrument :
MSVOA_Y
ClientSampleId :

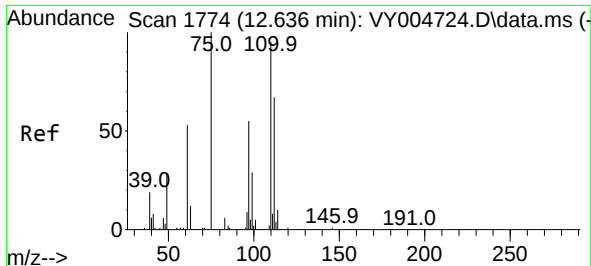
Tgt Ion:112 Resp: 971
Ion Ratio Lower Upper
112 100
114 22.4 25.4 38.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion:152 Resp: 1517
Ion Ratio Lower Upper
152 100
115 60.3 29.4 88.3
150 163.0 0.0 349.8

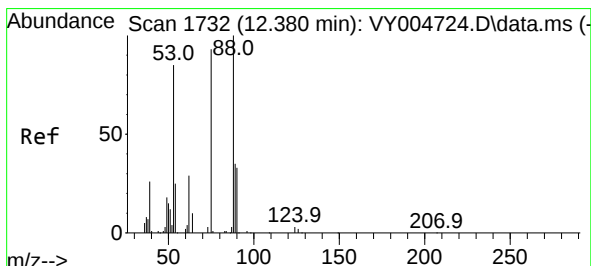
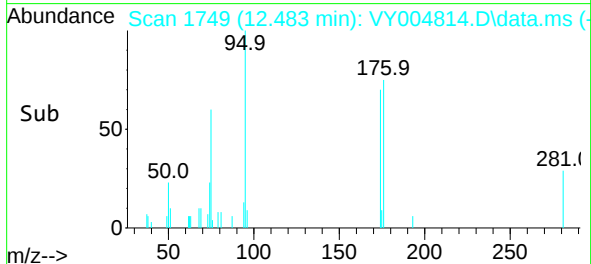
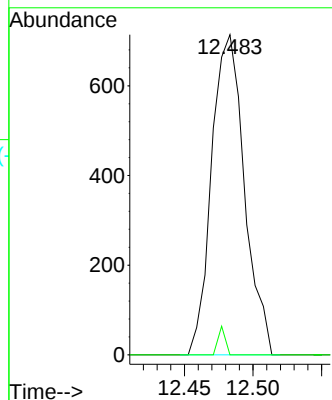
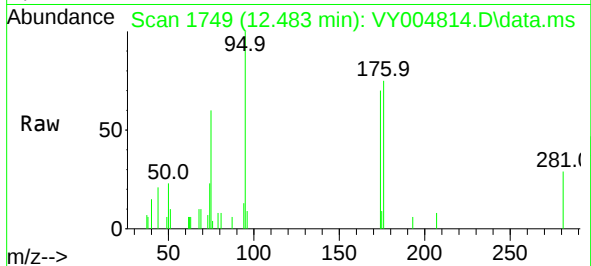




#76
1,2,3-Trichloropropane
Concen: 73.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

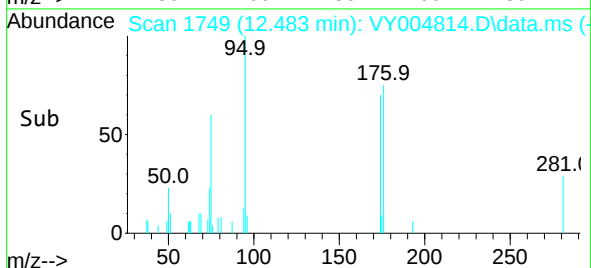
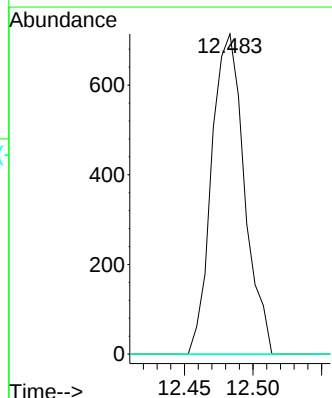
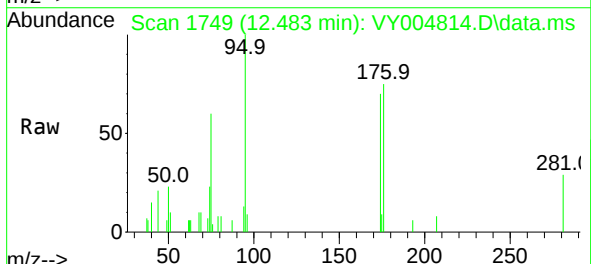
Instrument :
MSVOA_Y
ClientSampleId :

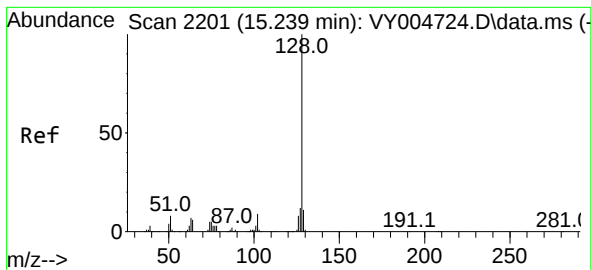
Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 35.5 53.3#





#95
Naphthalene
Concen: 1.11 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004814.D
Acq: 17 May 2021 19:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 69
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

