

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010849.D
 Acq On : 06 Oct 2022 16:52
 Operator : KP/MD
 Sample : N5004-03RE
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DA-14-8.5RE

Quant Time: Oct 07 02:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

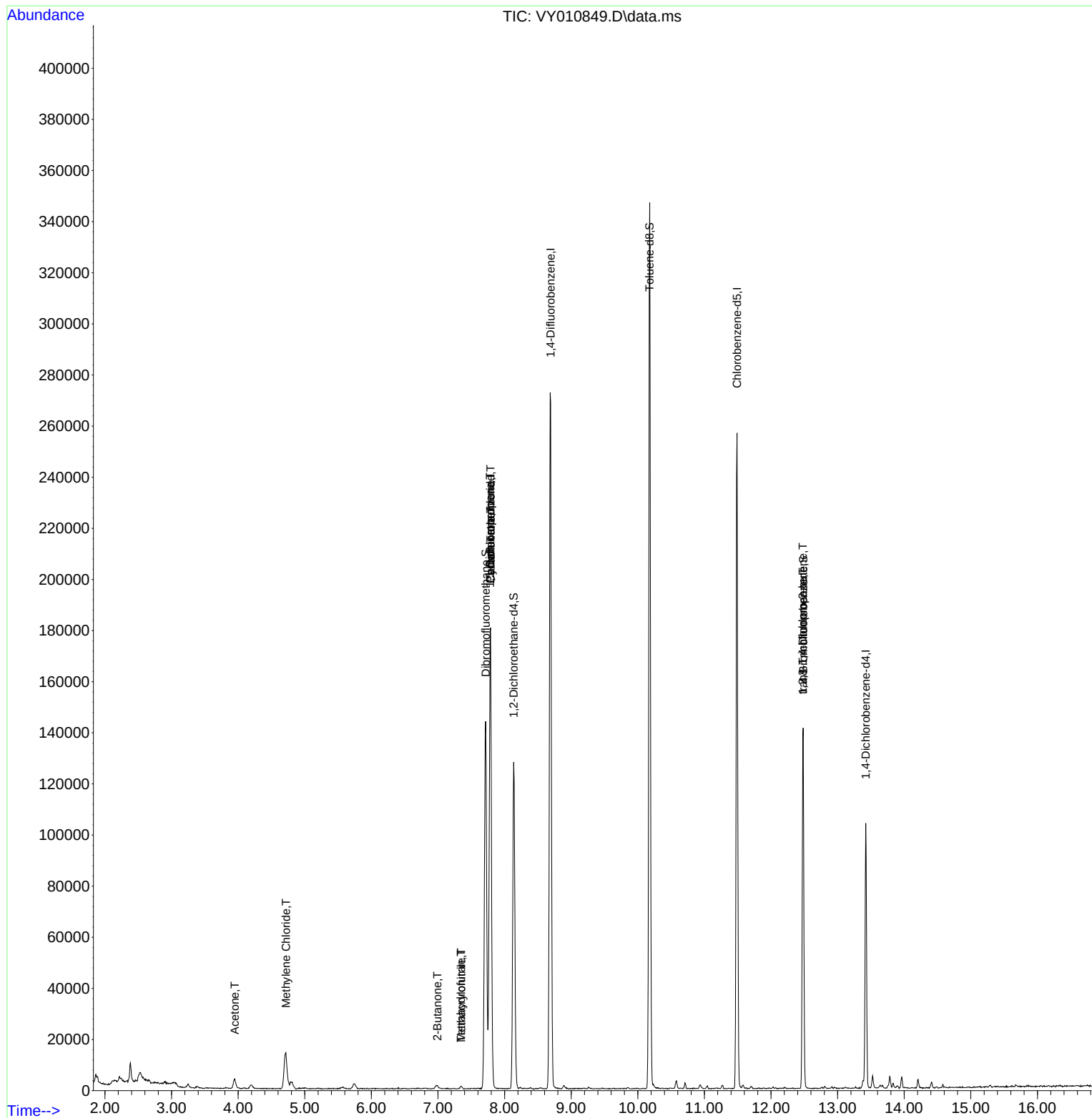
Internal Standards						
1) Pentafluorobenzene	7.789	168	139995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98592	69.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.960%			
35) Dibromofluoromethane	7.716	113	102476	65.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.160%			
50) Toluene-d8	10.179	98	228673	42.464	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.920%			
62) 4-Bromofluorobenzene	12.483	95	40869	16.997	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 34.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	31	Below Cal	#	77
16) Acetone	3.948	43	6992	19.401	ug/l	100
20) Methylene Chloride	4.716	84	11358	2.202	ug/l	82
25) 2-Butanone	6.990	43	2022	3.902	ug/l #	84
29) Tetrahydrofuran	7.344	42	644	2.114	ug/l #	86
31) Cyclohexane	7.789	56	3187	1.255	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	10987	4.833	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14468	6.111	ug/l #	16
41) Methacrylonitrile	7.350	41	328	3.057	ug/l #	30
76) 1,2,3-Trichloropropane	12.477	75	21265	79.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21265	166.873	ug/l #	7

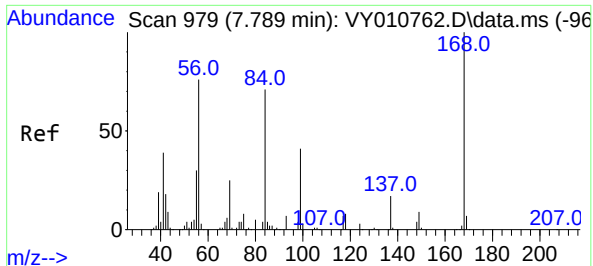
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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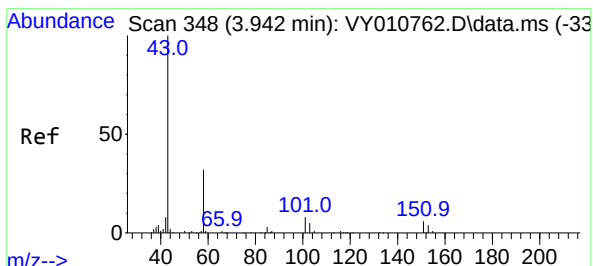
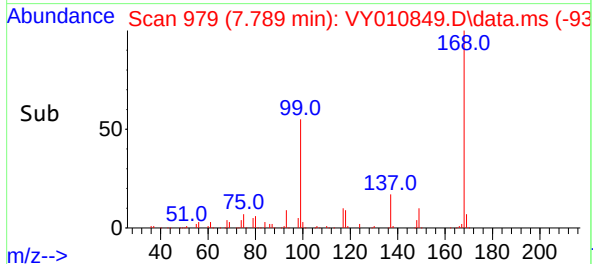
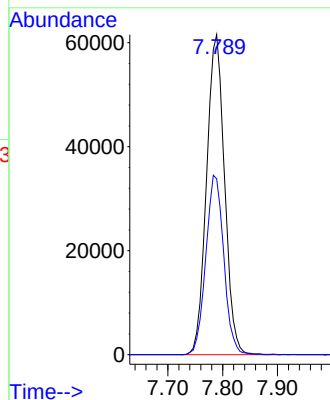
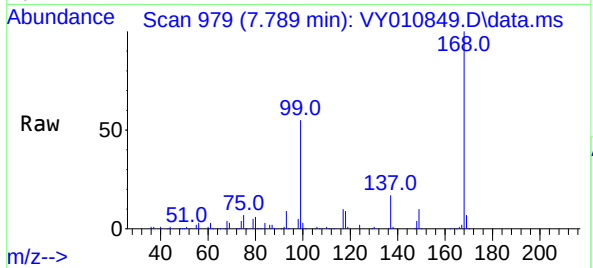




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

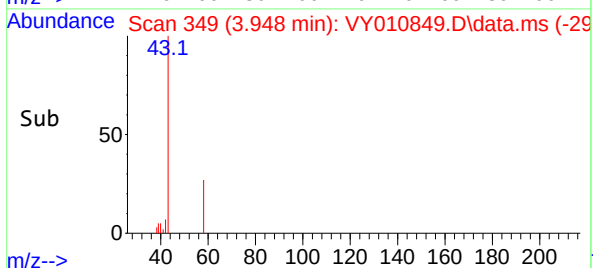
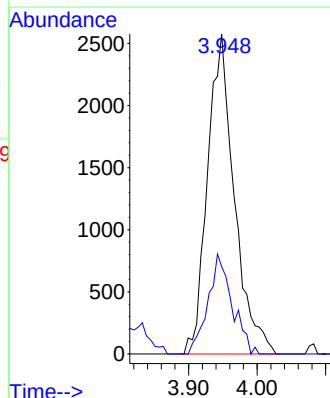
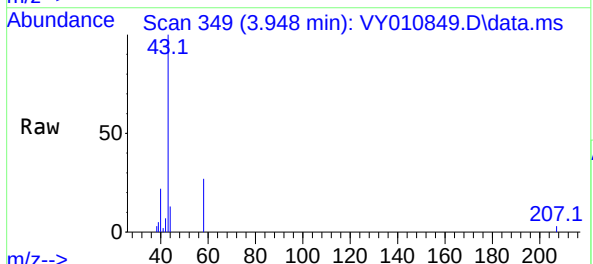
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

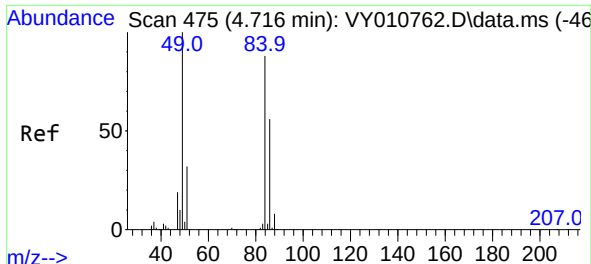
Tgt Ion:168 Resp: 139995
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 19.401 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0



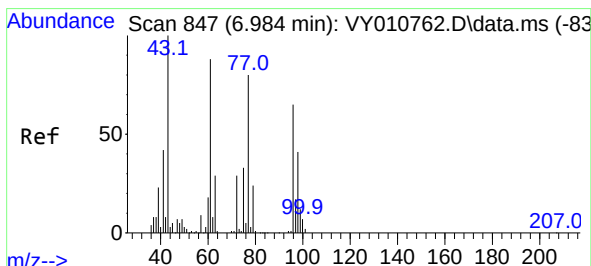
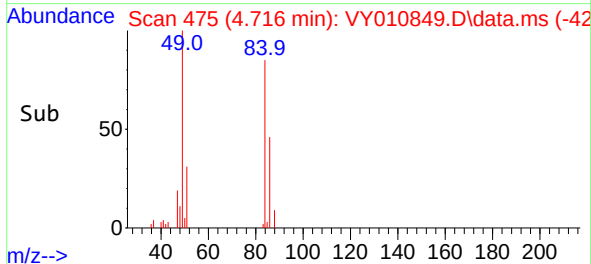
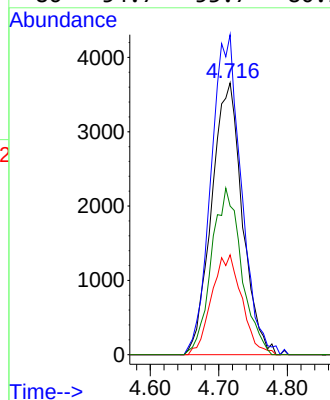
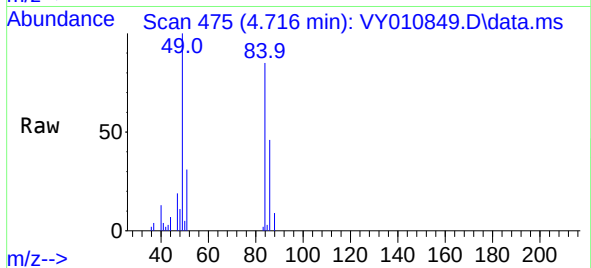


#20
Methylene Chloride
Concen: 2.202 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

Tgt Ion: 84 Resp: 11358

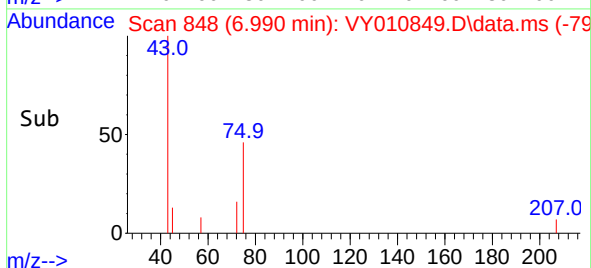
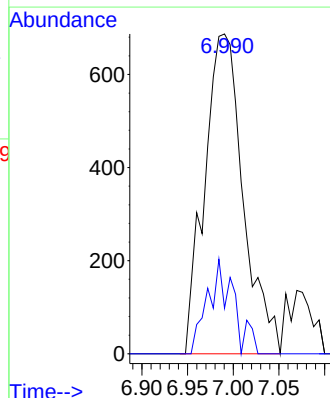
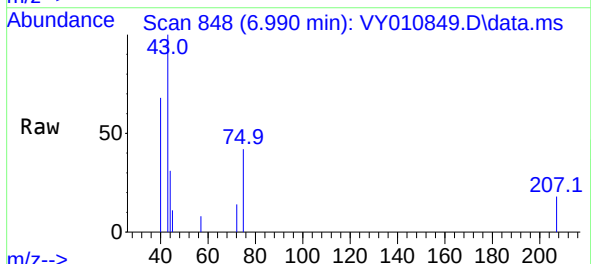
Ion	Ratio	Lower	Upper
84	100		
49	117.7	114.4	171.6
51	36.8	35.3	52.9
86	54.7	53.7	80.5

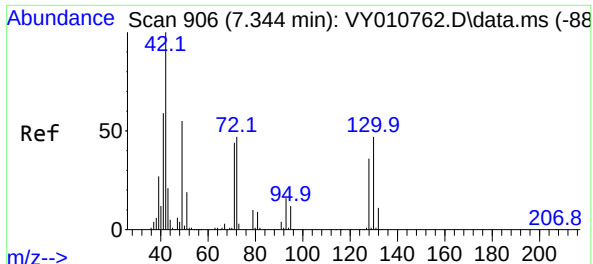


#25
2-Butanone
Concen: 3.902 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 43 Resp: 2022

Ion	Ratio	Lower	Upper
43	100		
72	14.3	17.7	26.5#

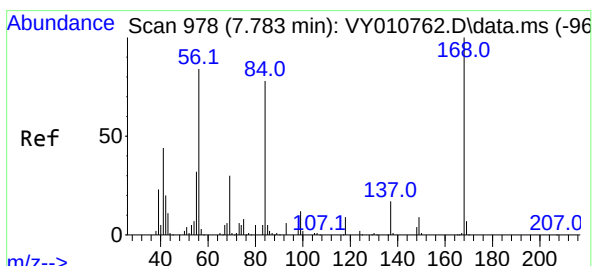
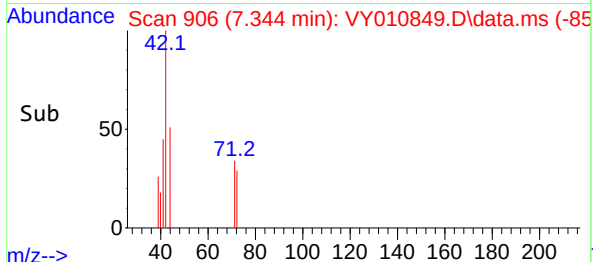
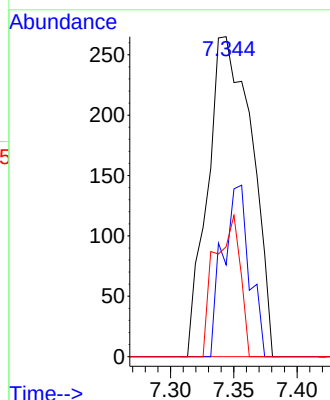
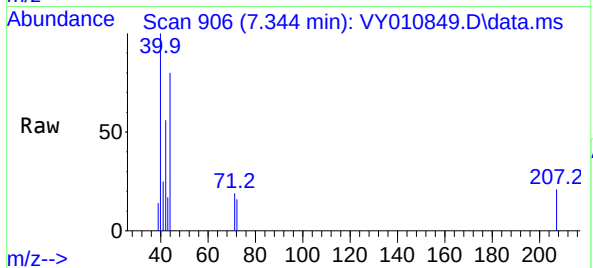




#29
Tetrahydrofuran
Concen: 2.114 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

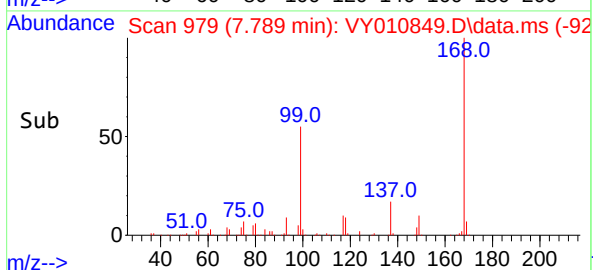
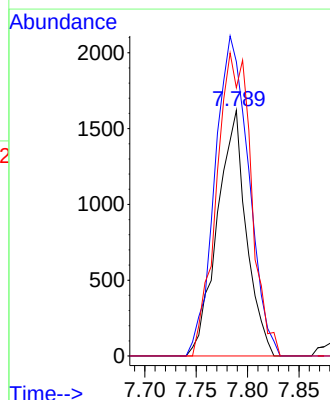
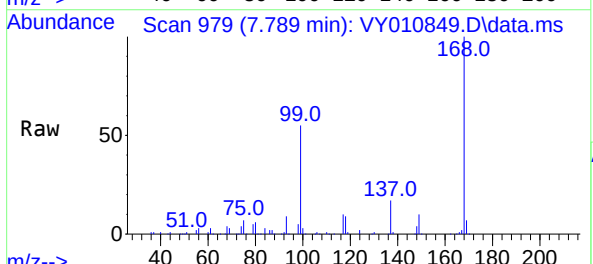
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

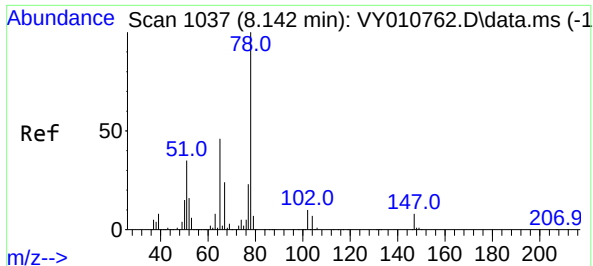
Tgt Ion: 42	Resp: 644
Ion Ratio	Lower Upper
42 100	
72 32.1	30.3 45.5
71 25.3	29.0 43.4#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 56	Resp: 3187		
Ion Ratio	Lower	Upper	
56	100		
69	119.8	26.7	40.1#
84	109.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.479 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY010849.D

Acq: 06 Oct 2022 16:52

Instrument :

MSVOA_Y

ClientSampleId :

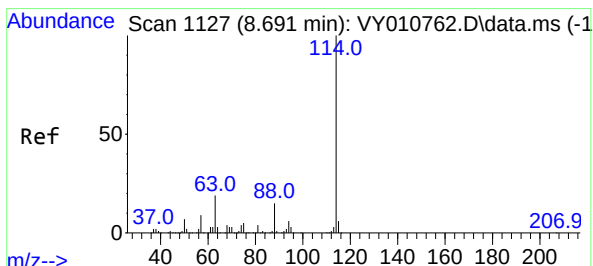
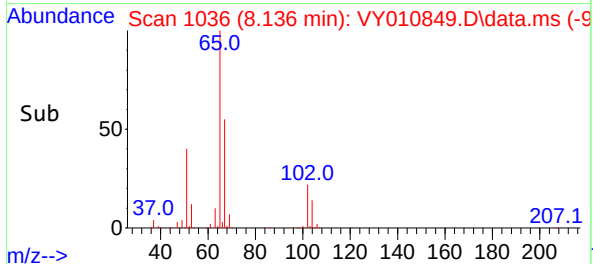
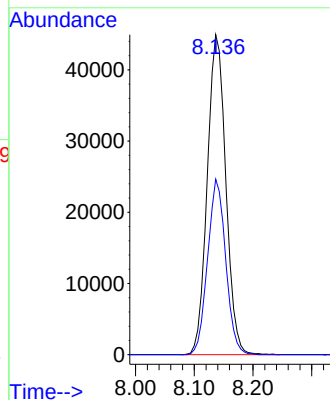
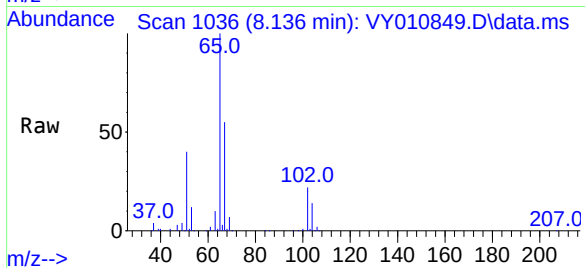
DA-14-8.5RE

Tgt Ion: 65 Resp: 98592

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010849.D

Acq: 06 Oct 2022 16:52

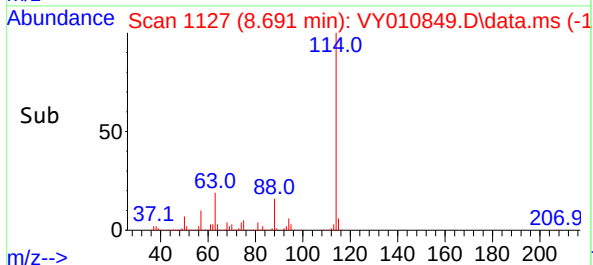
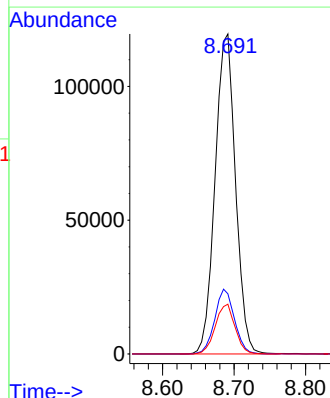
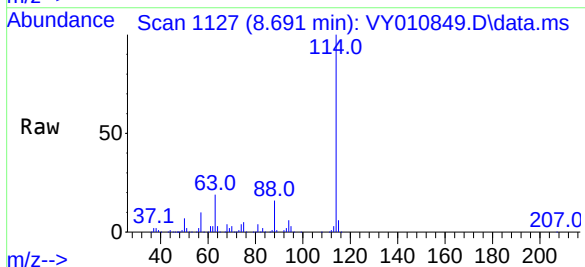
Tgt Ion: 114 Resp: 237215

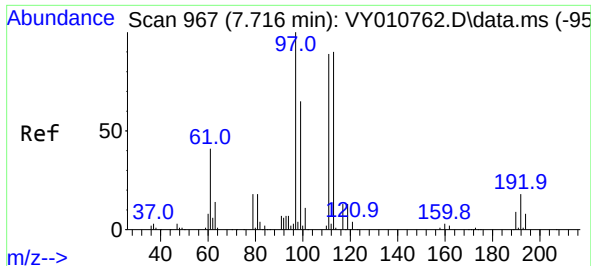
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.5 0.0 31.8

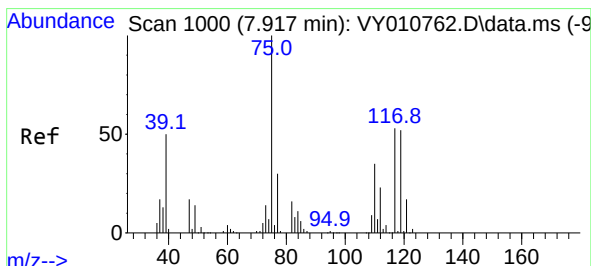
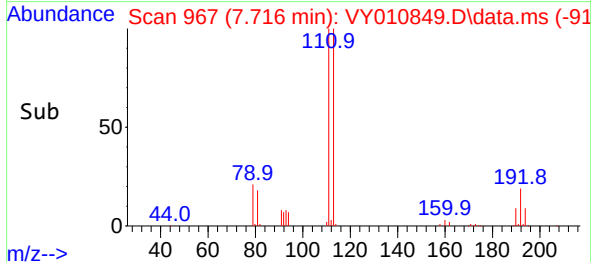
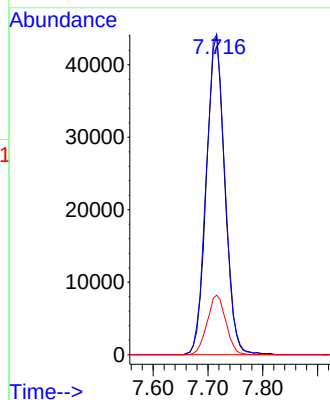
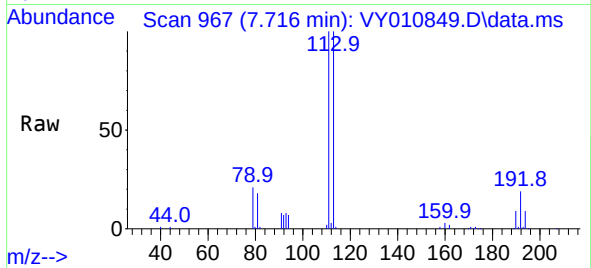




#35
Dibromofluoromethane
Concen: 65.079 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

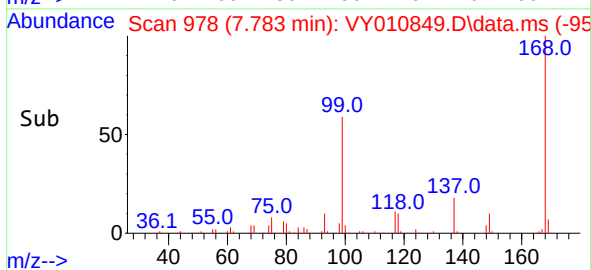
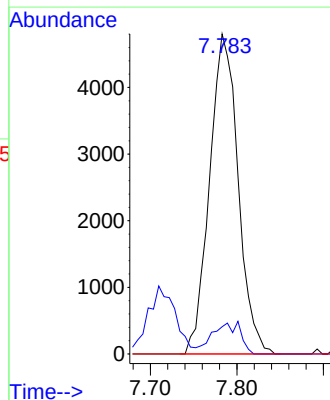
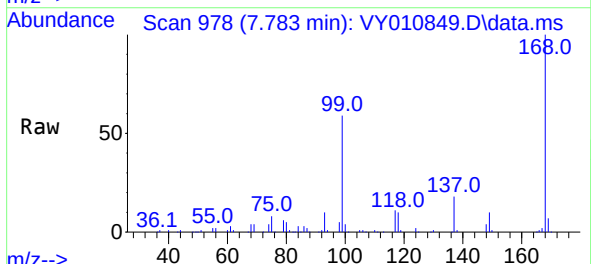
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

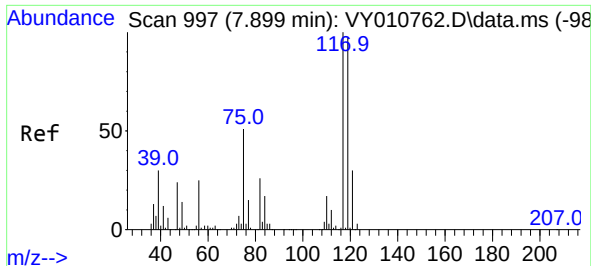
Tgt Ion:113 Resp: 102476
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.833 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 75 Resp: 10987
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

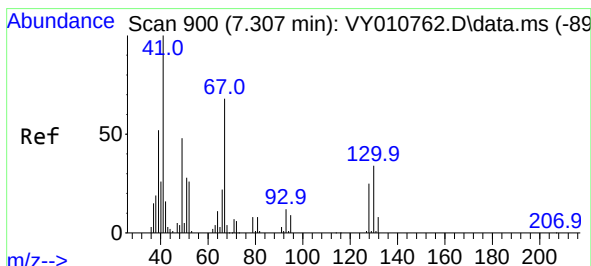
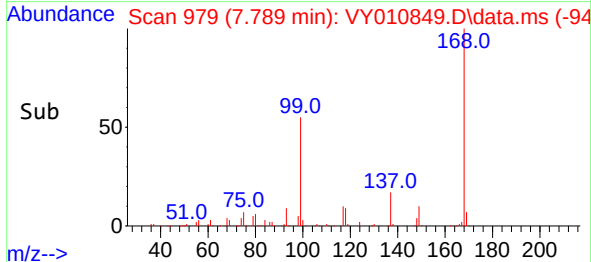
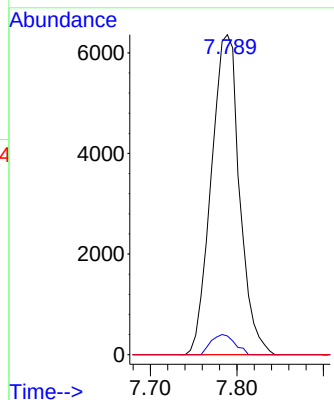
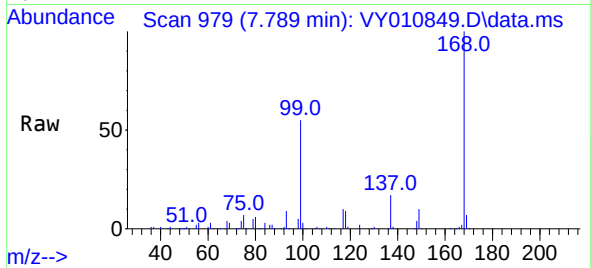




#38
Carbon Tetrachloride
Concen: 6.111 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

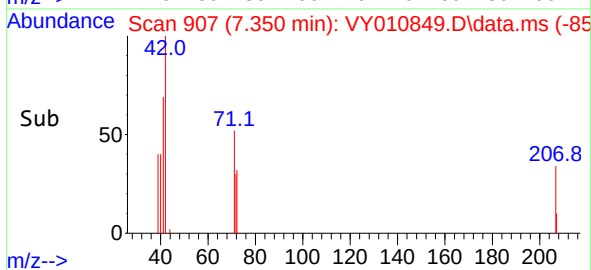
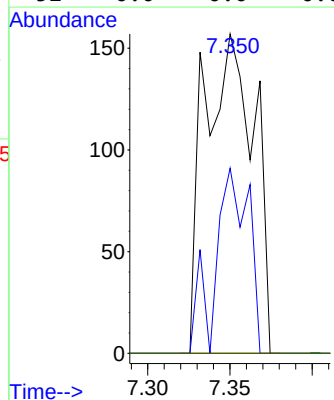
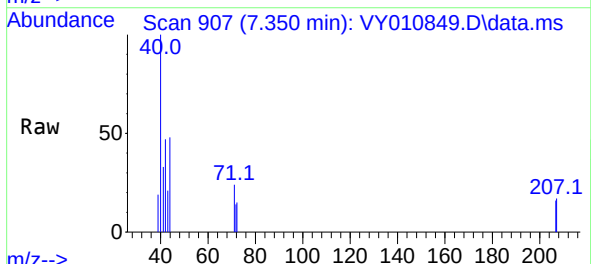
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DA-14-8.5RE

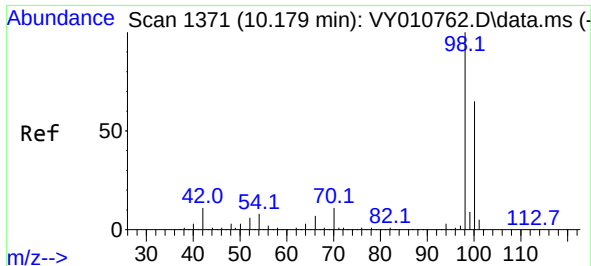
Tgt Ion:117 Resp: 14468
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 3.057 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 41 Resp: 328
Ion Ratio Lower Upper
41 100
39 39.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

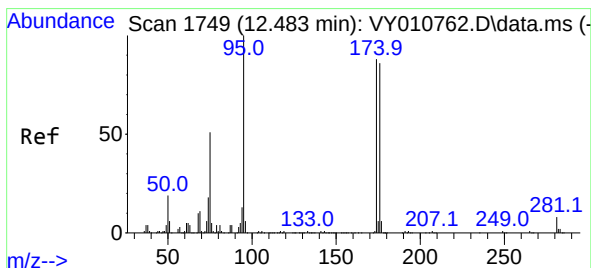
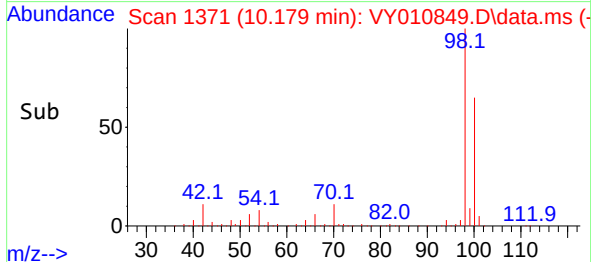
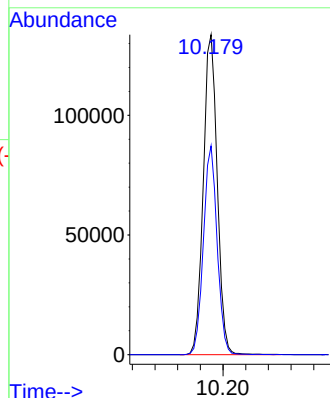
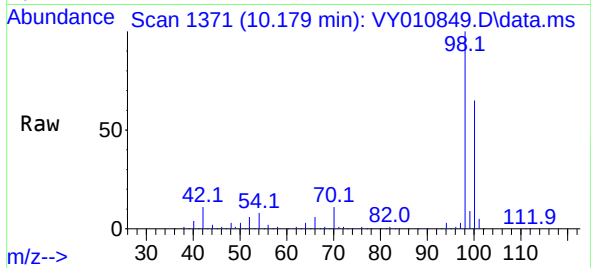




#50
Toluene-d8
Concen: 42.464 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

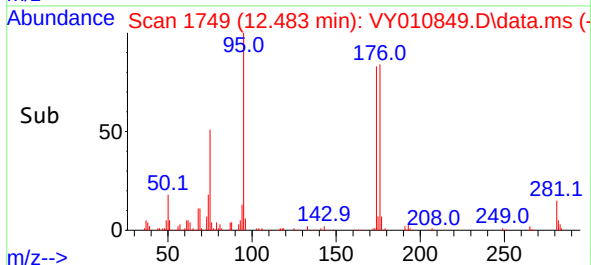
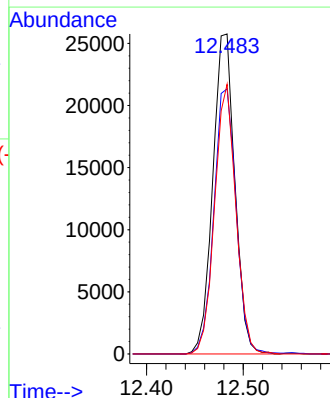
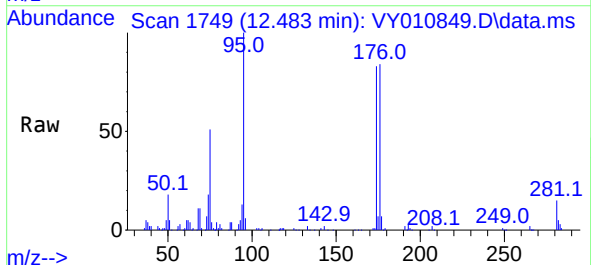
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

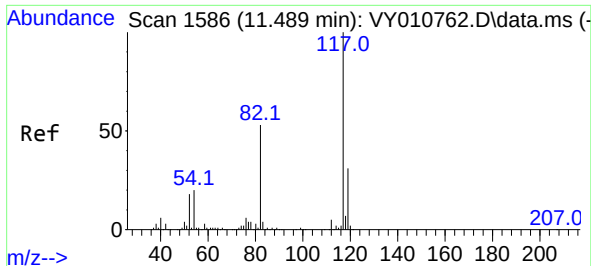
Tgt Ion: 98 Resp: 228673
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 16.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 95 Resp: 40869
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.0 0.0 175.8

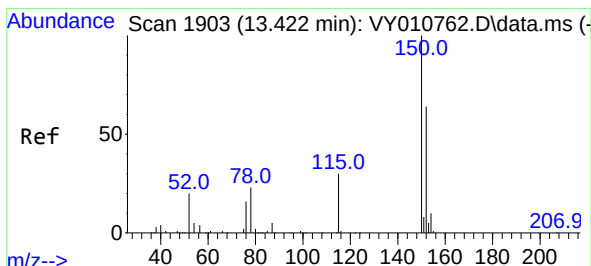
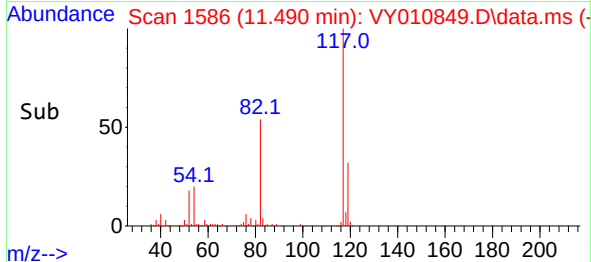
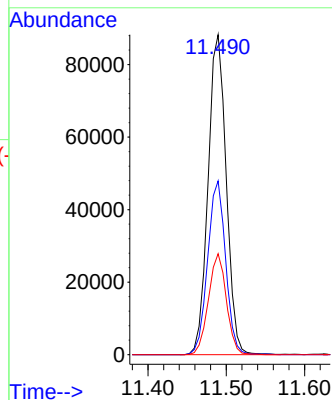
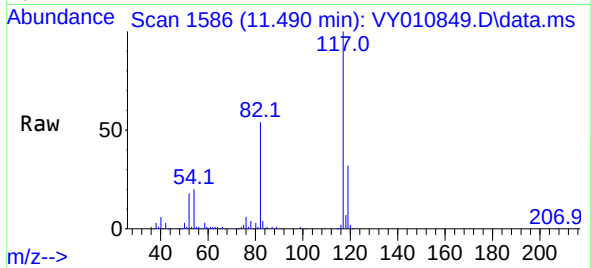




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

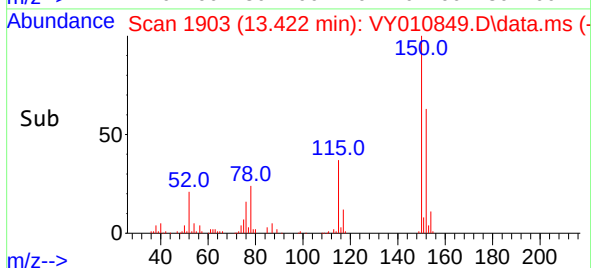
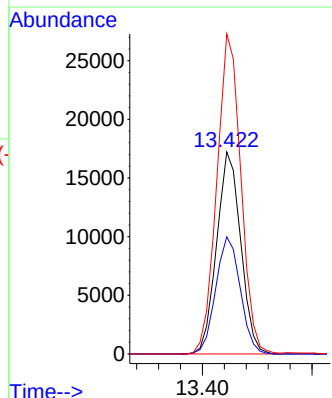
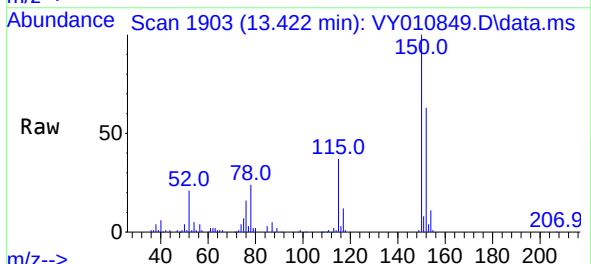
Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

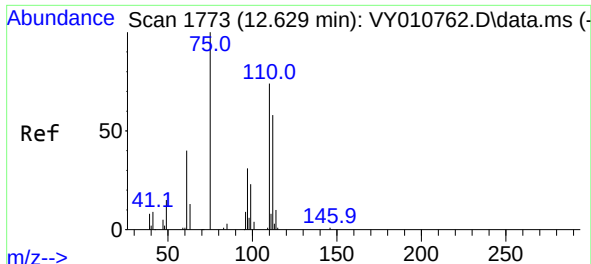
Tgt Ion:117 Resp: 142041
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion:152 Resp: 26286
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.3 0.0 347.6

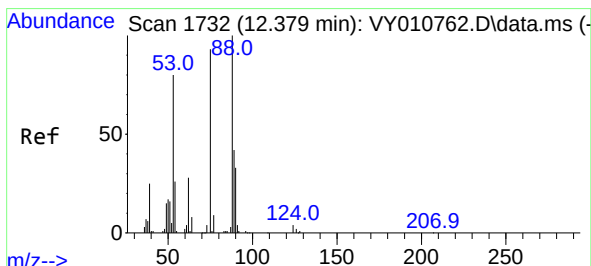
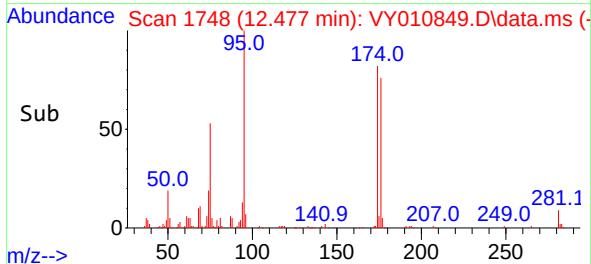
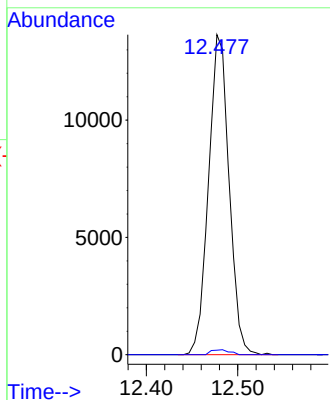
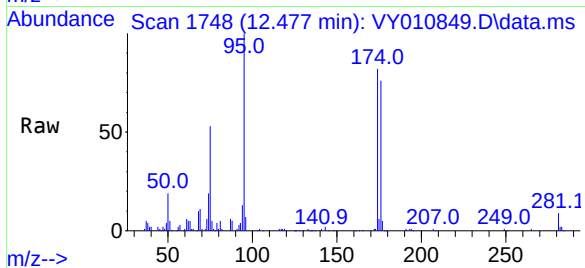




#76
1,2,3-Trichloropropane
Concen: 79.885 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Instrument :
MSVOA_Y
ClientSampleId :
DA-14-8.5RE

Tgt Ion: 75 Resp: 21265
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010849.D
Acq: 06 Oct 2022 16:52

Tgt Ion: 75 Resp: 21265
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

