

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011409.D
 Acq On : 11 Nov 2022 11:38
 Operator : KP/MD
 Sample : N5524-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

Quant Time: Nov 11 13:33:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

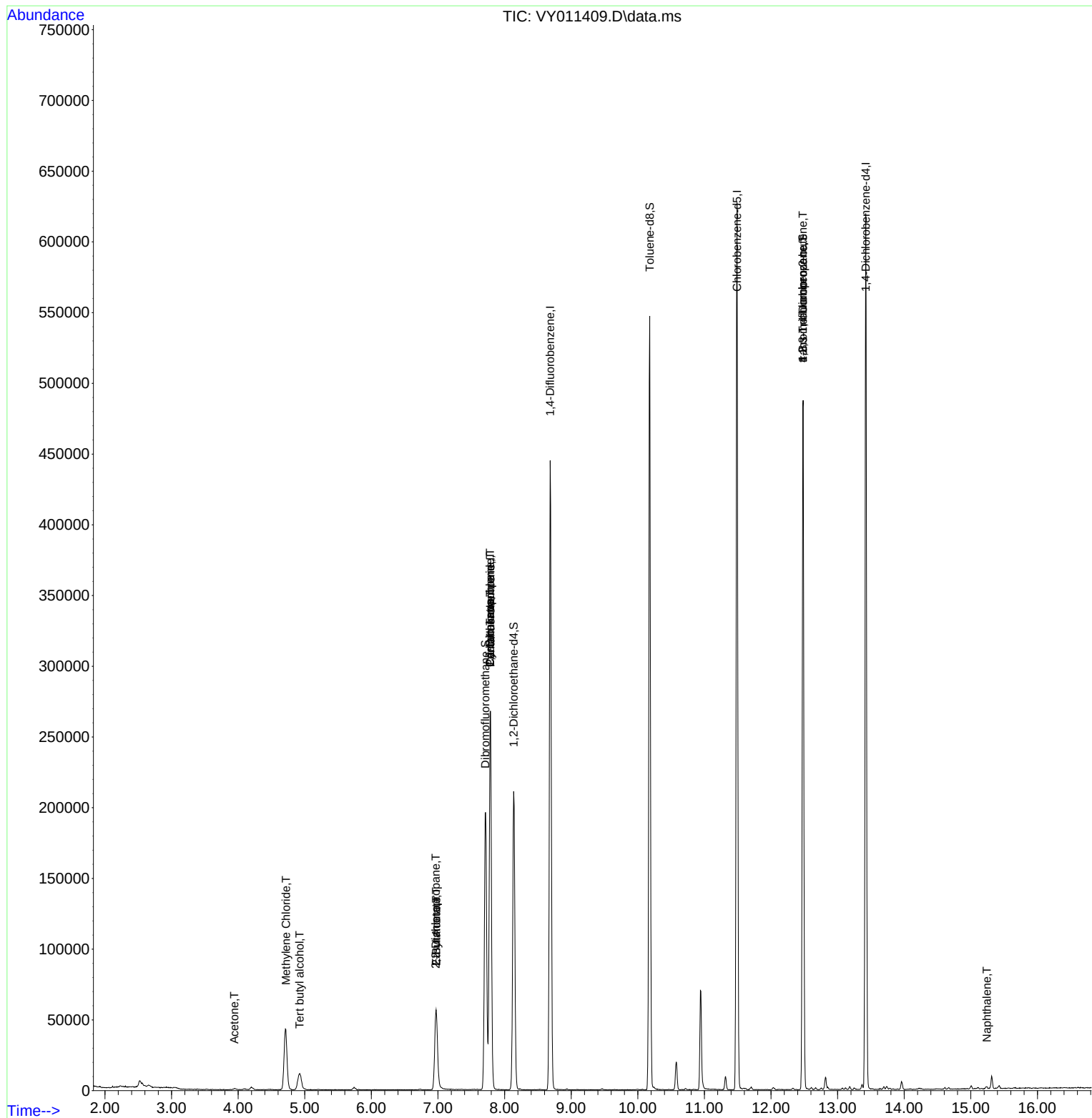
Internal Standards						
1) Pentafluorobenzene	7.789	168	221176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	398985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	164341	88.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.340%#	
35) Dibromofluoromethane	7.710	113	145285	64.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.960%	
50) Toluene-d8	10.179	98	368190	43.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.200%	
62) 4-Bromofluorobenzene	12.477	95	153223	51.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	11557	23.164	ug/l #	79
16) Acetone	3.942	43	1421	2.905	ug/l	98
18) Methyl Acetate	4.466	43	275	Below Cal		99
20) Methylene Chloride	4.716	84	36316	7.255	ug/l #	76
25) 2-Butanone	6.972	43	2739	3.932	ug/l #	86
26) 2,2-Dichloropropane	6.966	77	4450	1.278	ug/l #	55
31) Cyclohexane	7.783	56	3629	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15287	4.405	ug/l #	50
37) Ethyl Acetate	6.972	43	2739	1.643	ug/l #	1
38) Carbon Tetrachloride	7.783	117	20833	5.519	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	72870	37.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72870	91.314	ug/l #	7
95) Naphthalene	15.239	128	1940	3.564	ug/l	96

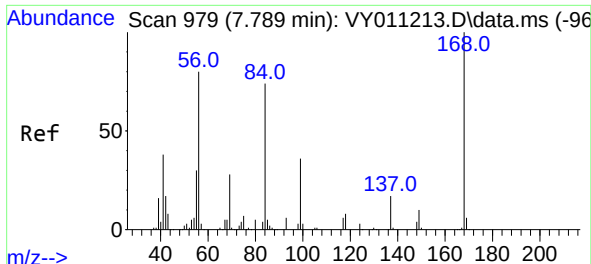
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011409.D
Acq On : 11 Nov 2022 11:38
Operator : KP/MD
Sample : N5524-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Quant Time: Nov 11 13:33:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

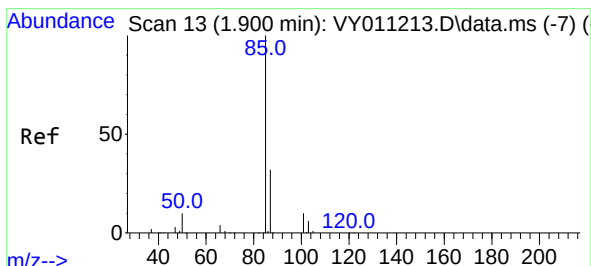
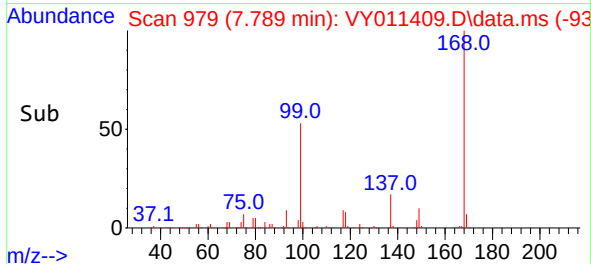
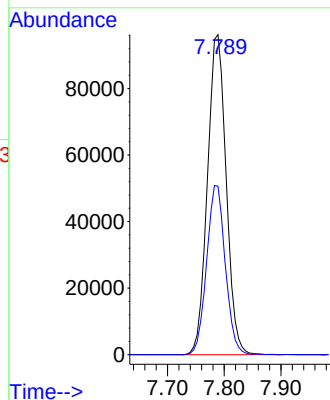
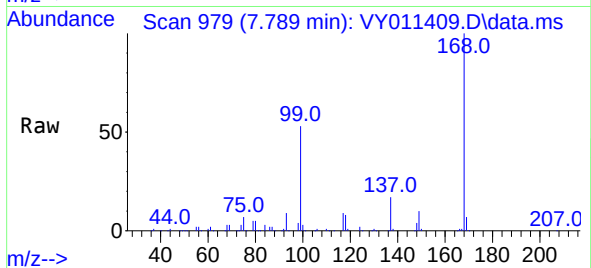




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

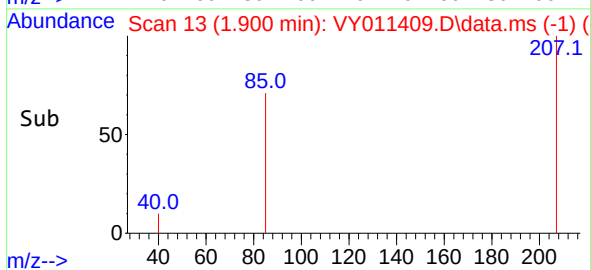
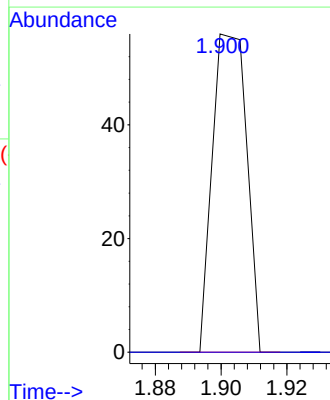
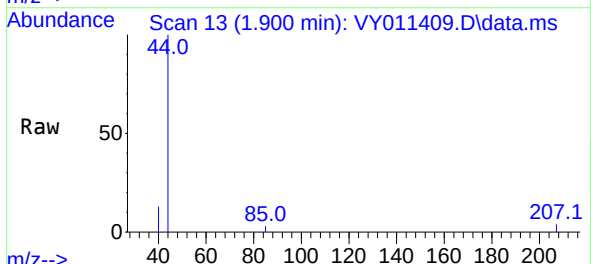
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

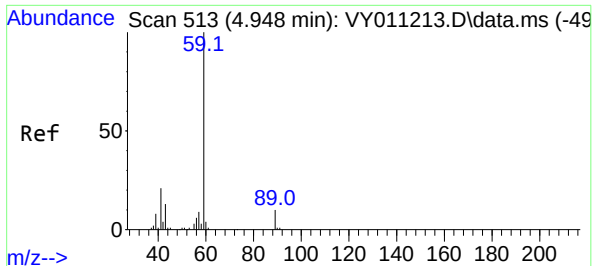
Tgt Ion:168 Resp: 221176
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 85 Resp: 41
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

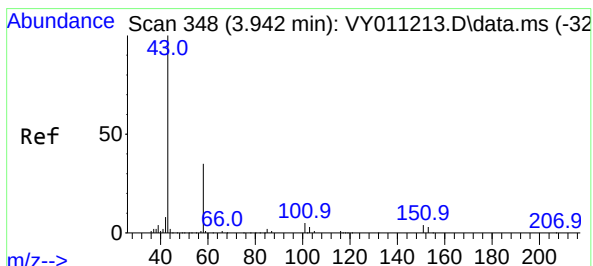
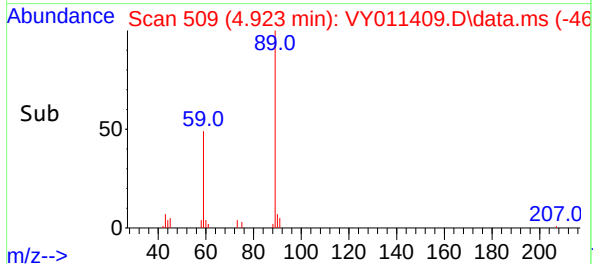
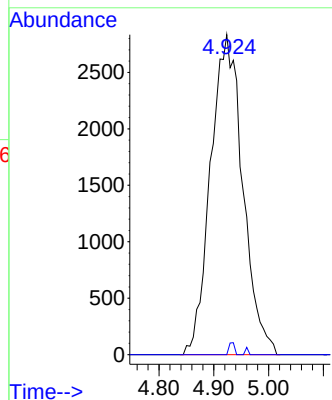
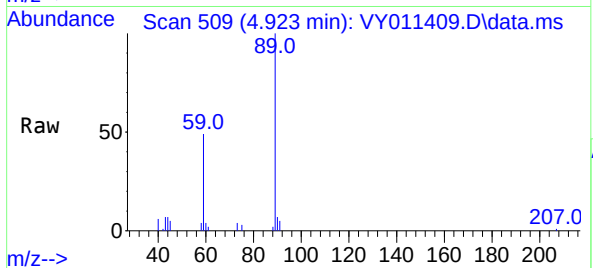




#11
Tert butyl alcohol
Concen: 23.164 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

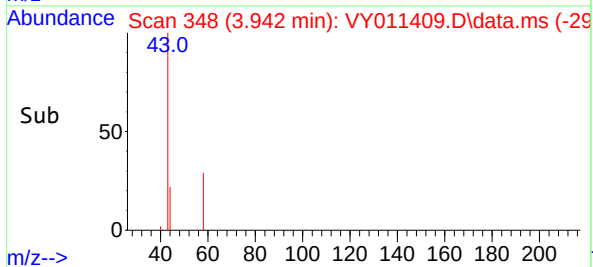
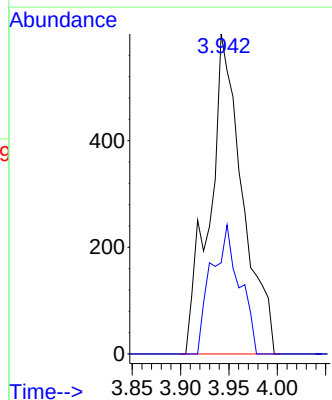
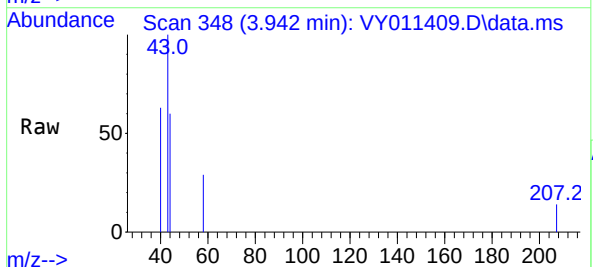
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

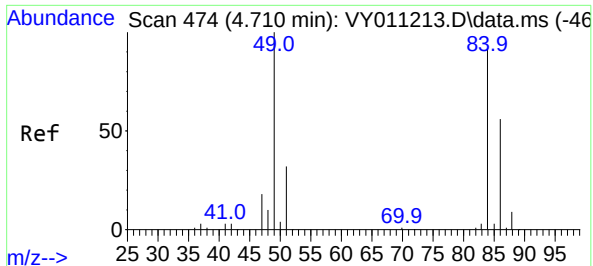
Tgt Ion: 59 Resp: 11557
Ion Ratio Lower Upper
59 100
57 0.7 6.4 9.6#



#16
Acetone
Concen: 2.905 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0



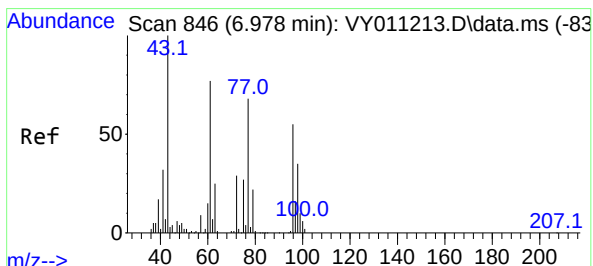
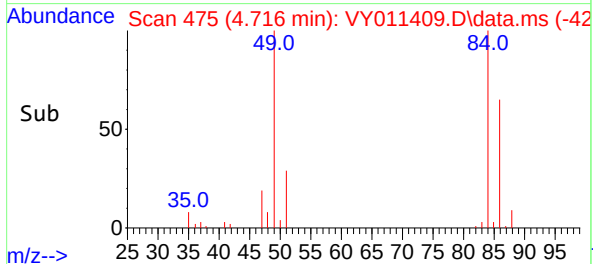
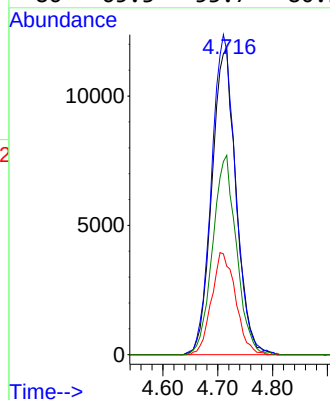
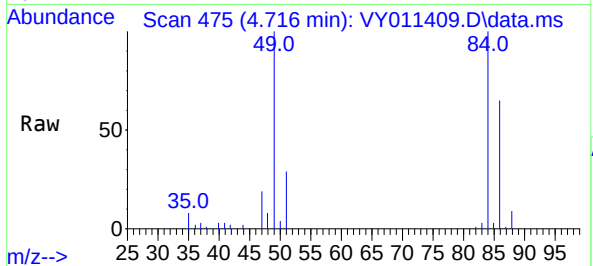


#20
Methylene Chloride
Concen: 7.255 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion: 84 Resp: 36316

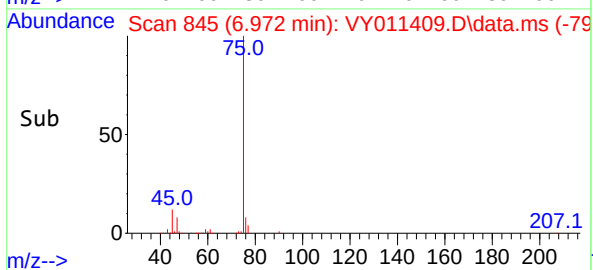
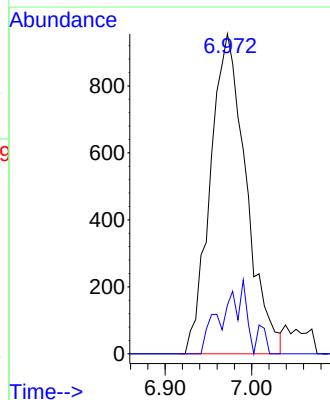
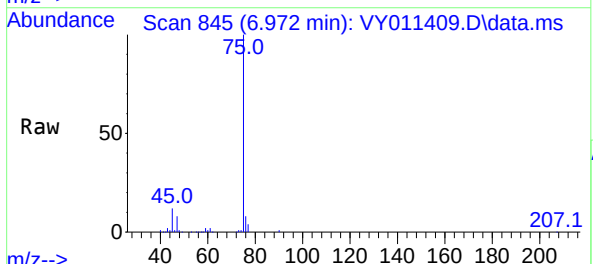
Ion	Ratio	Lower	Upper
84	100		
49	99.5	114.4	171.6#
51	29.0	35.3	52.9#
86	65.3	53.7	80.5

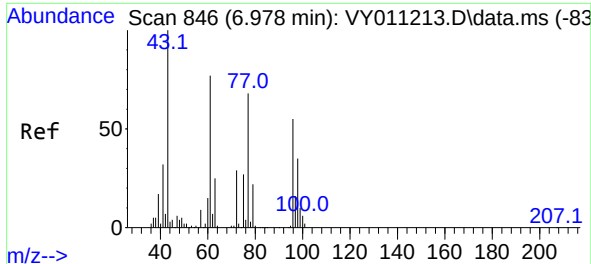


#25
2-Butanone
Concen: 3.932 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 43 Resp: 2739

Ion	Ratio	Lower	Upper
43	100		
72	15.3	17.7	26.5#

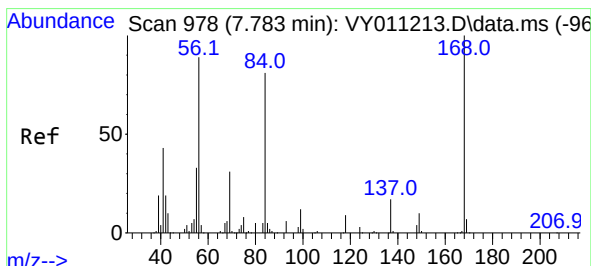
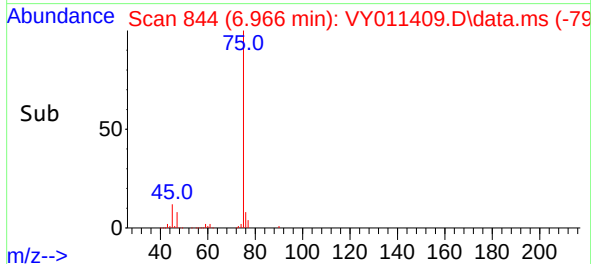
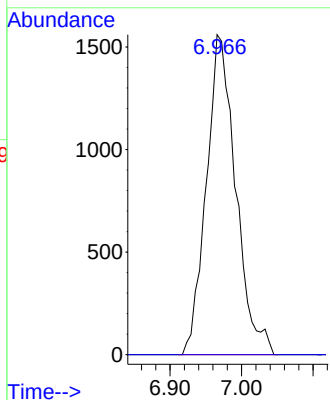
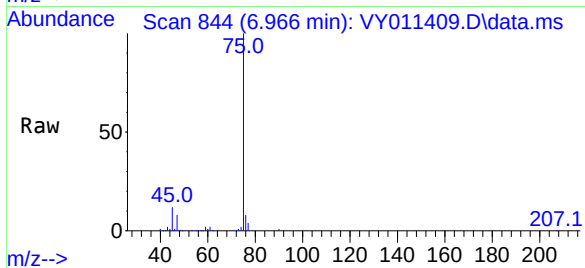




#26
2,2-Dichloropropane
Concen: 1.278 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

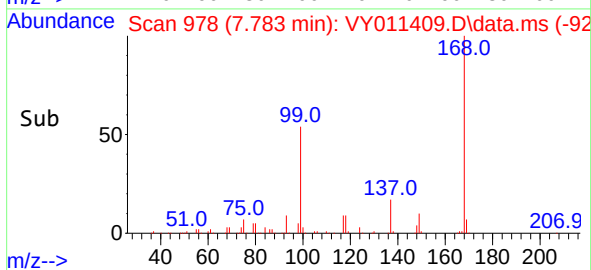
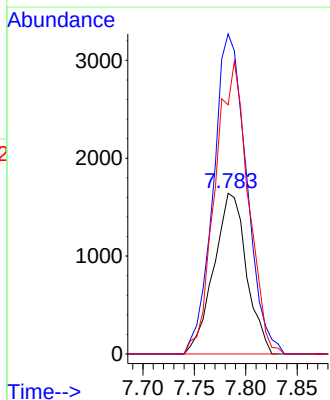
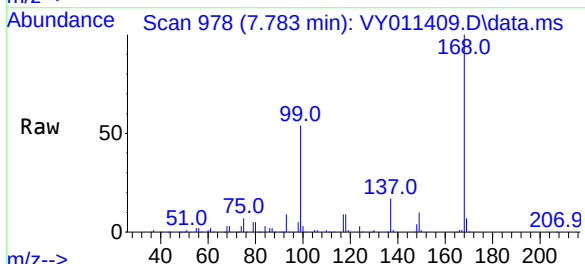
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

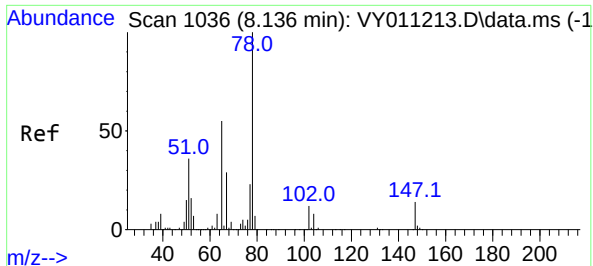
Tgt Ion: 77 Resp: 4450
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 199.1 26.7 40.1#
84 155.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 88.671 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011409.D

Acq: 11 Nov 2022 11:38

Instrument :

MSVOA_Y

ClientSampleId :

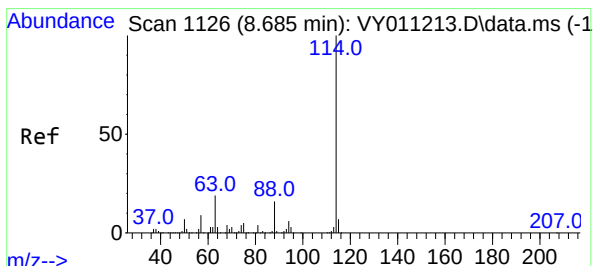
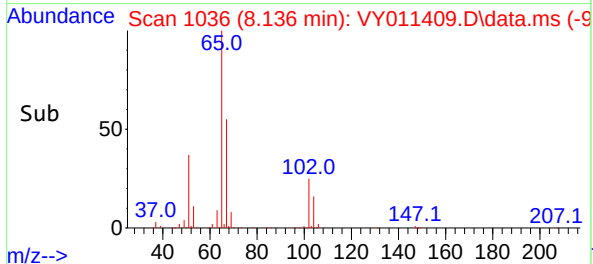
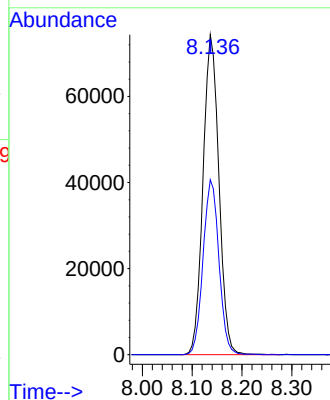
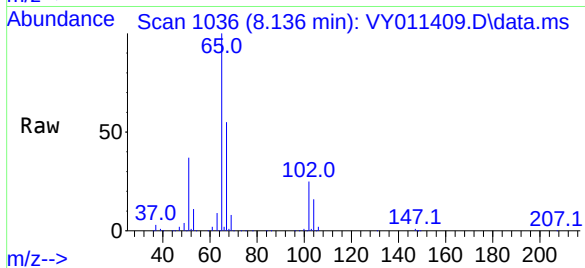
72-11995

Tgt Ion: 65 Resp: 164341

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011409.D

Acq: 11 Nov 2022 11:38

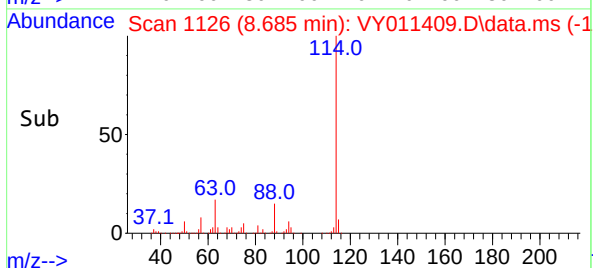
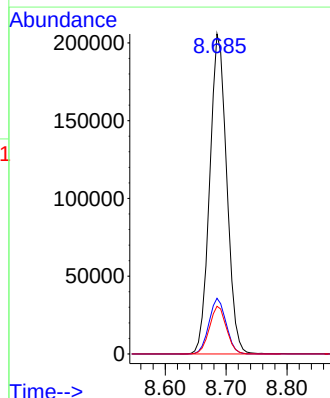
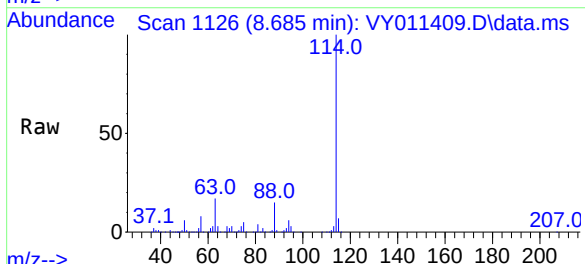
Tgt Ion: 114 Resp: 398985

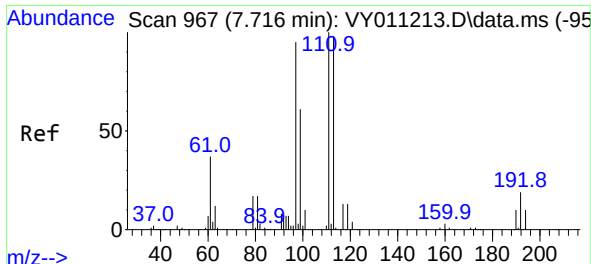
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.9 0.0 31.8

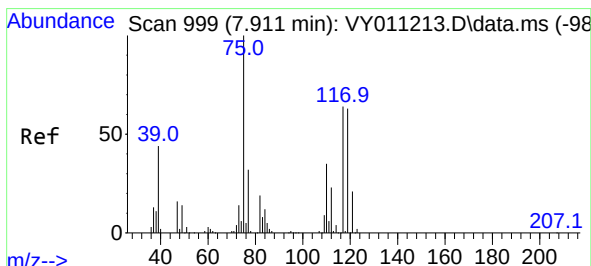
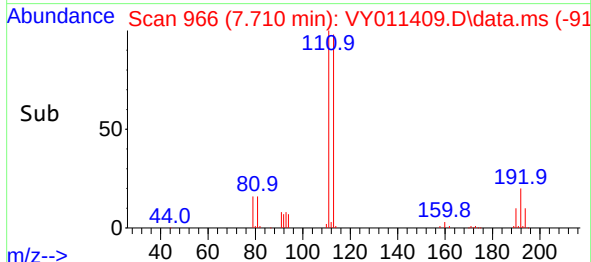
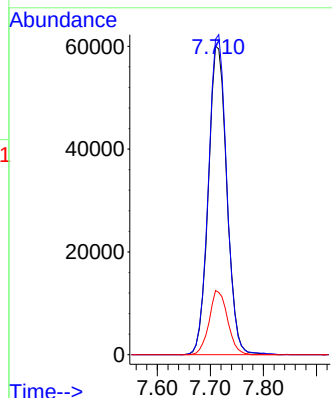
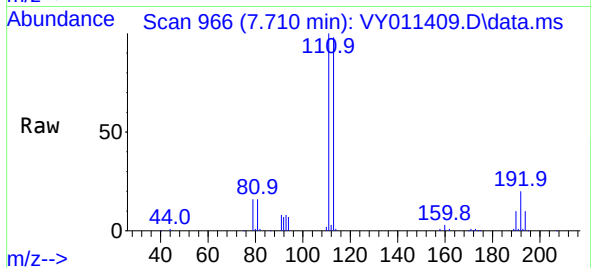




#35
Dibromofluoromethane
Concen: 64.975 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

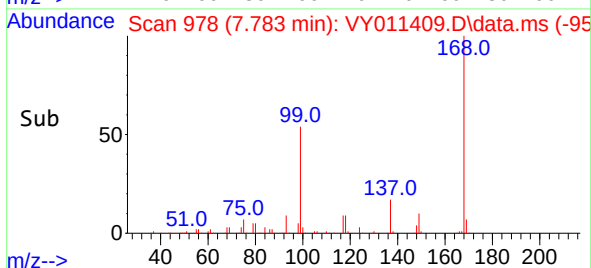
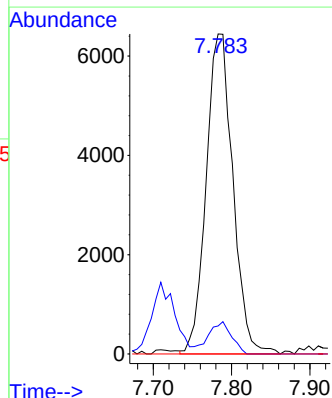
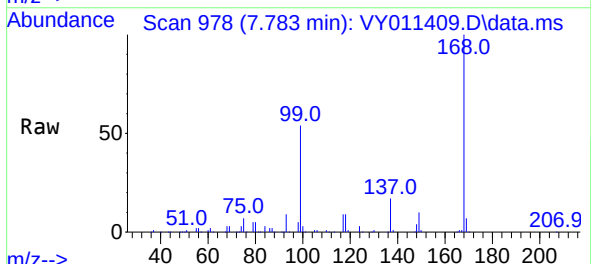
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

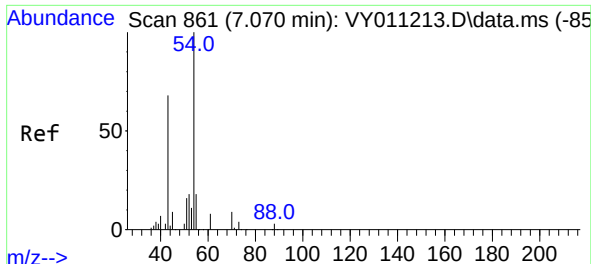
Tgt Ion:113 Resp: 145285
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 75 Resp: 15287
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.643 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY011409.D

Acq: 11 Nov 2022 11:38

Instrument :

MSVOA_Y

ClientSampleId :

72-11995

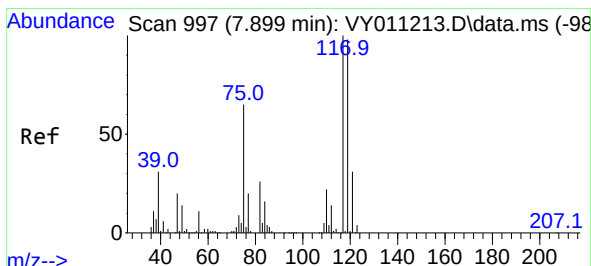
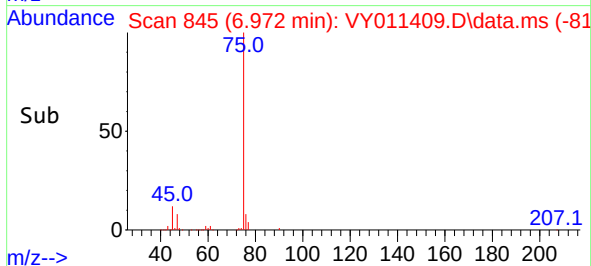
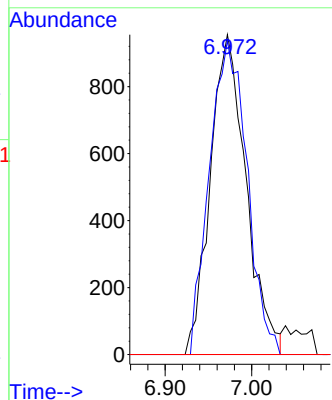
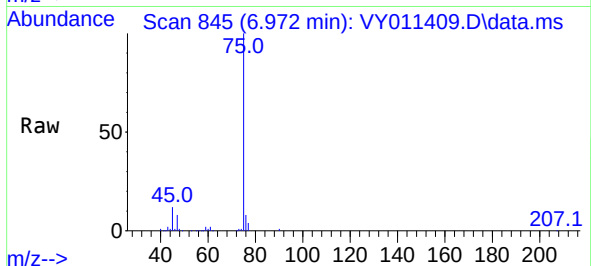
Tgt Ion: 43 Resp: 2739

Ion Ratio Lower Upper

43 100

61 103.1 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011409.D

Acq: 11 Nov 2022 11:38

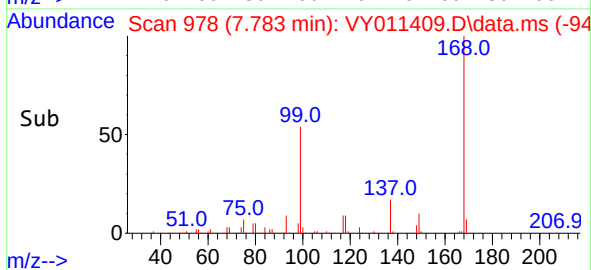
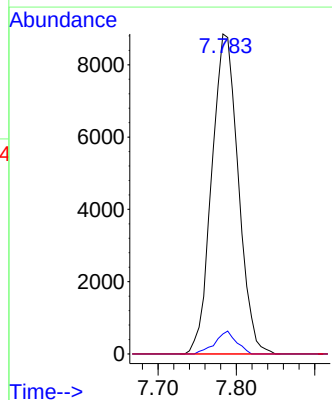
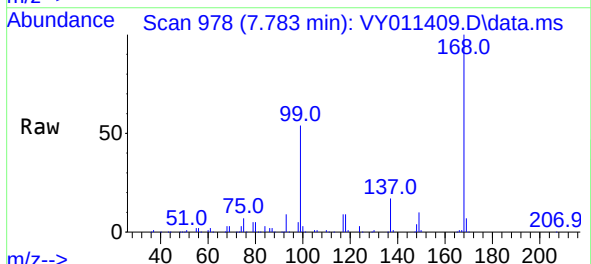
Tgt Ion: 117 Resp: 20833

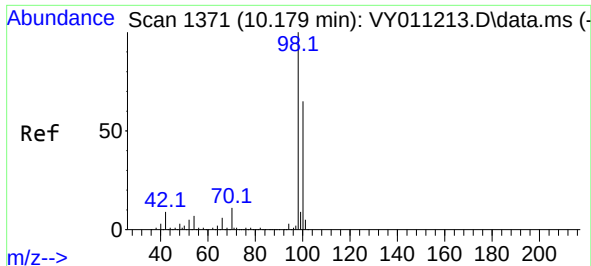
Ion Ratio Lower Upper

117 100

119 6.3 77.9 116.9#

121 0.0 24.8 37.2#

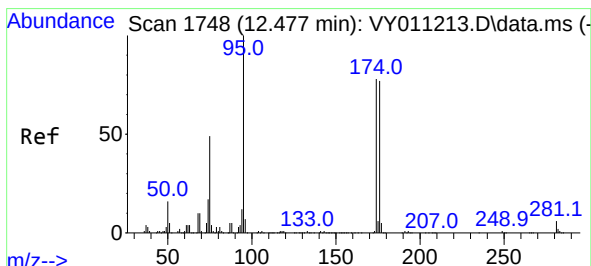
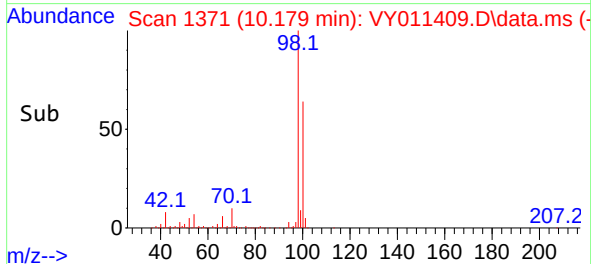
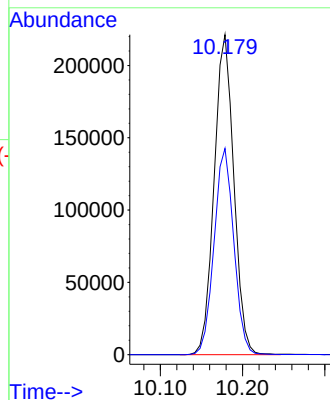
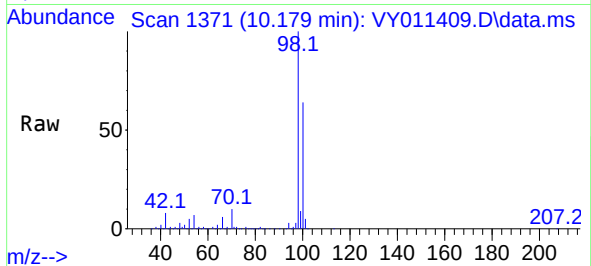




#50
Toluene-d8
Concen: 43.103 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

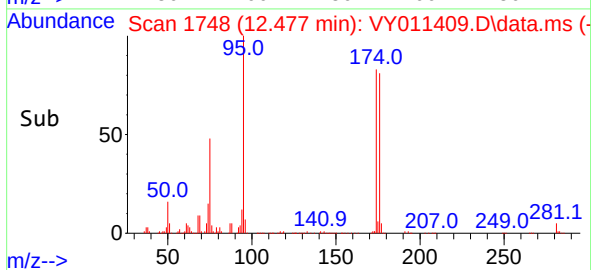
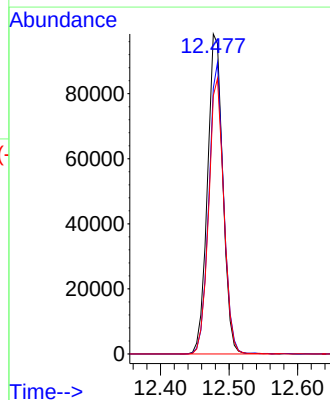
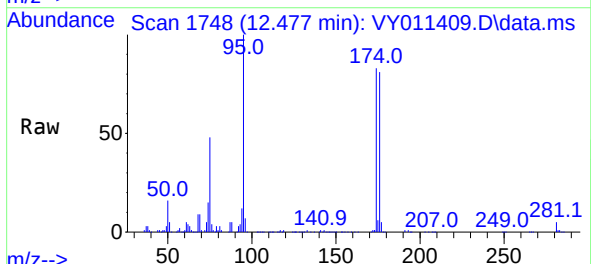
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

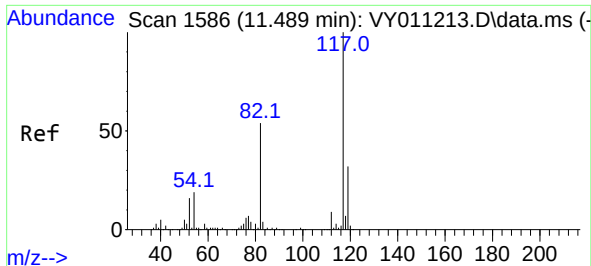
Tgt Ion: 98 Resp: 368190
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion: 95 Resp: 153223
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.8 0.0 175.8

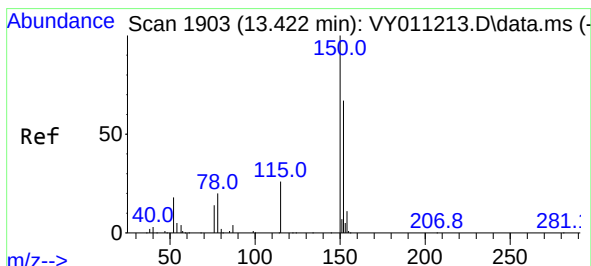
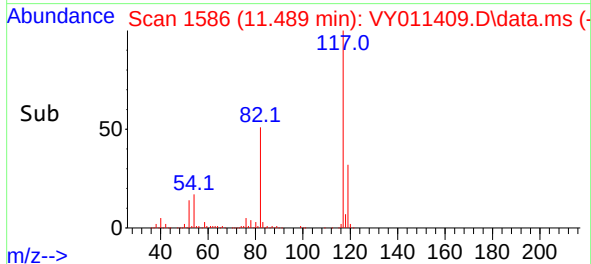
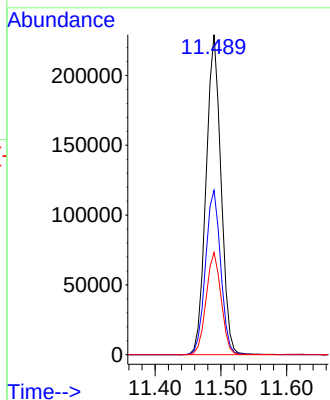
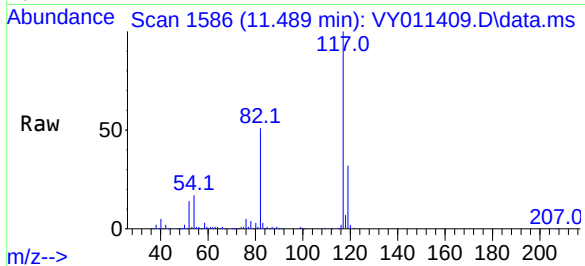




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

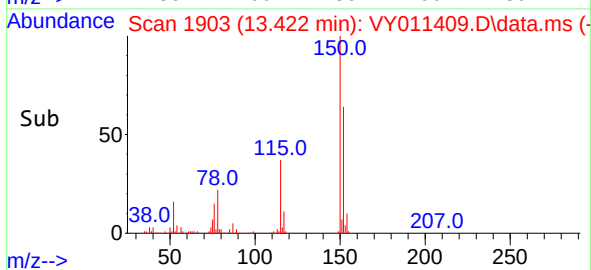
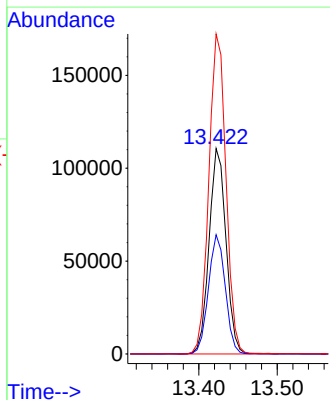
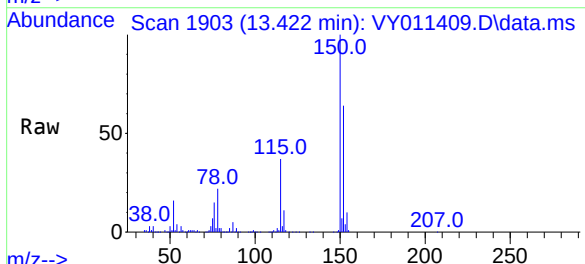
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

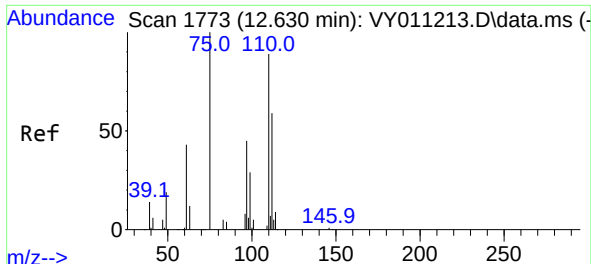
Tgt Ion:117 Resp: 362060
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Tgt Ion:152 Resp: 165714
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.0 0.0 347.6

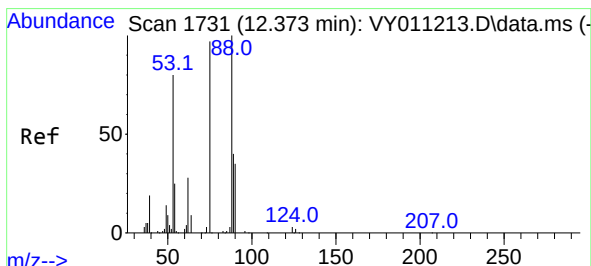
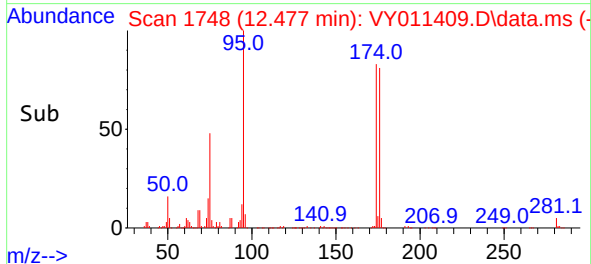
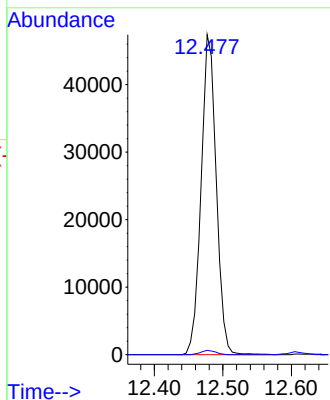
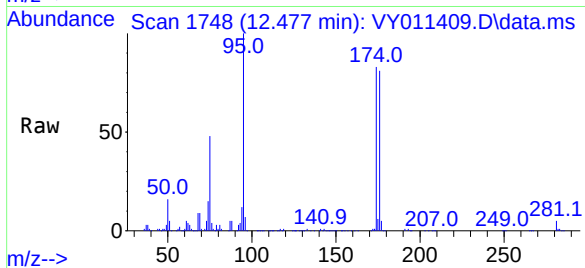




#76
1,2,3-Trichloropropane
Concen: 37.989 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

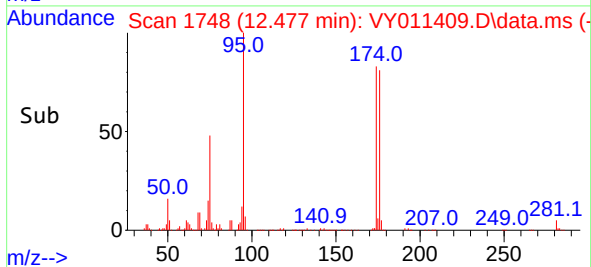
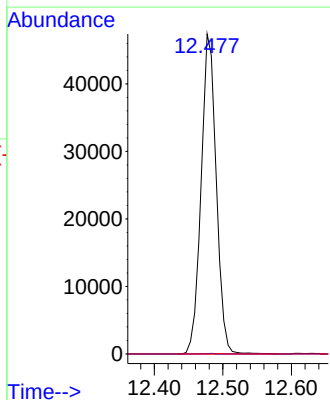
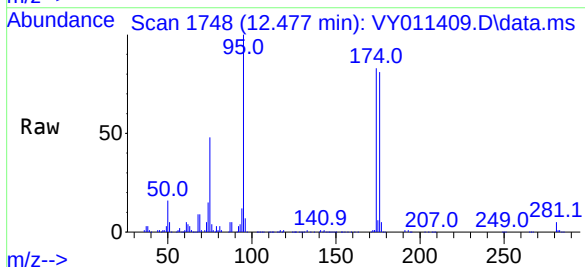
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

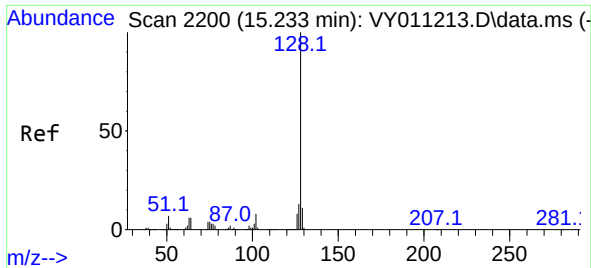
Tgt Ion: 75 Resp: 72870
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

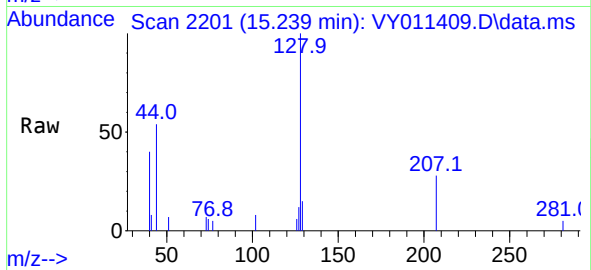
Tgt Ion: 75 Resp: 72870
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.564 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011409.D
Acq: 11 Nov 2022 11:38

Instrument :
MSVOA_Y
ClientSampleId :
72-11995



Tgt Ion:	128	Resp:	1940
Ion	Ratio	Lower	Upper
128	100		
127	11.0	11.0	16.4
129	11.0	8.4	12.6

