

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011364.D
 Acq On : 08 Nov 2022 16:03
 Operator : KP/MD
 Sample : N5415-02RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 17:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

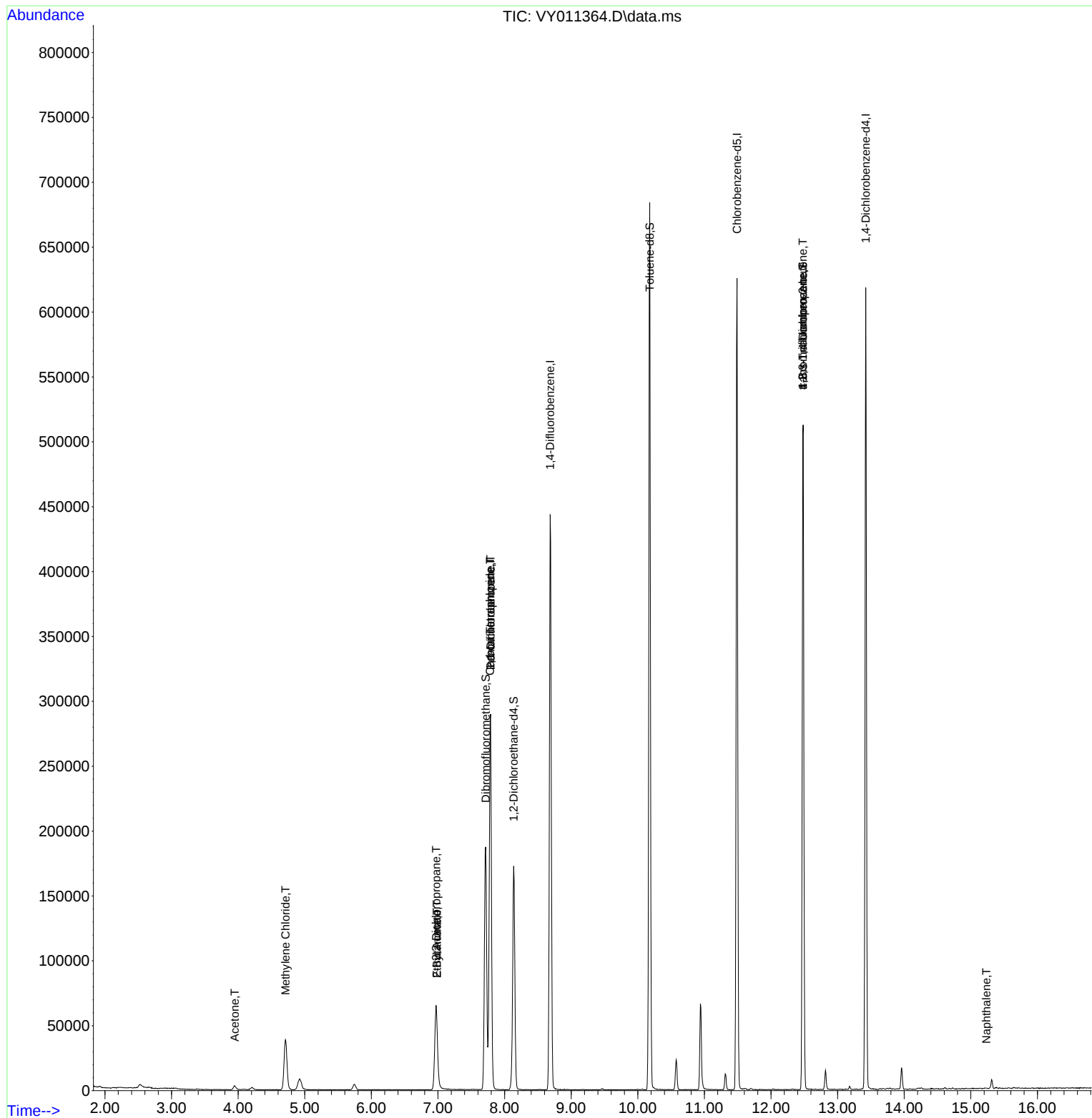
Internal Standards						
1) Pentafluorobenzene	7.789	168	235693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	358575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127639	50.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.280%	
35) Dibromofluoromethane	7.716	113	137683	54.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.179	98	453946	45.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.720%	
62) 4-Bromofluorobenzene	12.477	95	157545	45.846	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	8793	Below Cal	#	83
16) Acetone	3.948	43	5300	6.965	ug/l #	75
20) Methylene Chloride	4.710	84	31948	5.824	ug/l #	83
25) 2-Butanone	6.984	43	3379	3.156	ug/l	96
26) 2,2-Dichloropropane	6.972	77	4957	1.075	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	16930	4.066	ug/l #	50
37) Ethyl Acetate	6.984	43	3379	1.506	ug/l #	1
38) Carbon Tetrachloride	7.783	117	22120	5.121	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	76374	38.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76374	82.691	ug/l #	7
95) Naphthalene	15.233	128	496	4.032	ug/l #	69

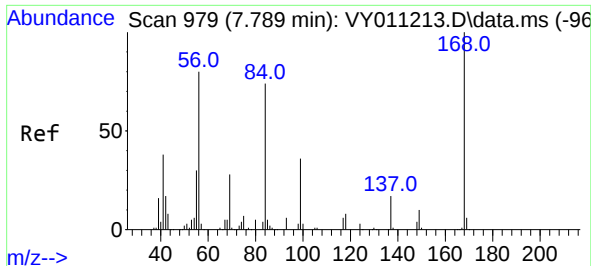
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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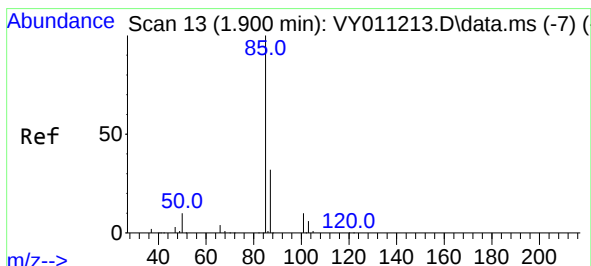
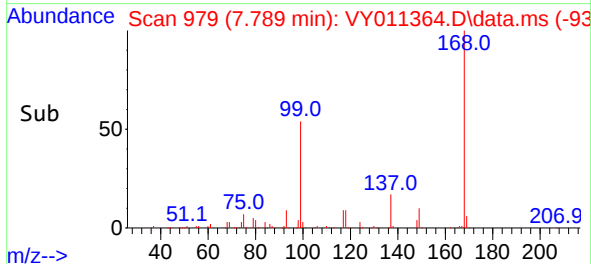
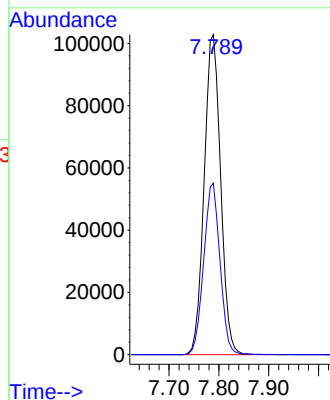
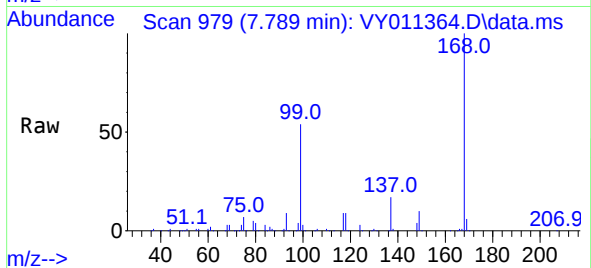




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

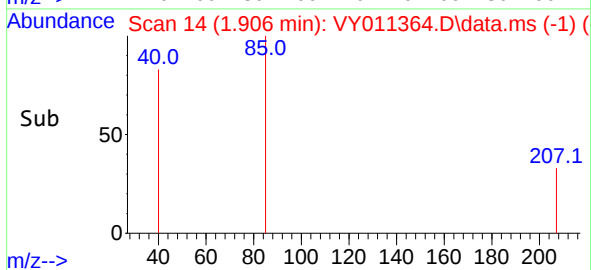
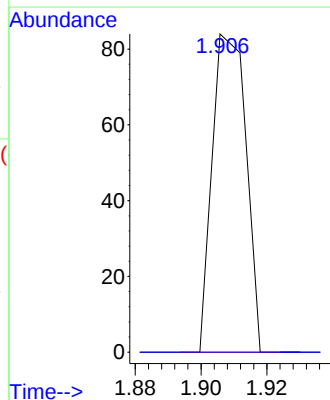
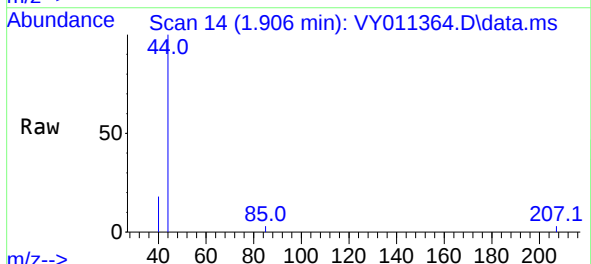
Instrument :
MSVOA_Y
ClientSampleId :

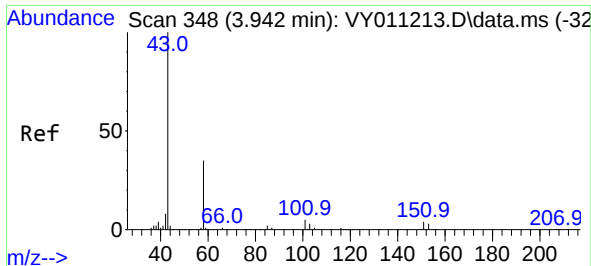
Tgt Ion:168 Resp: 235693
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 85 Resp: 60
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

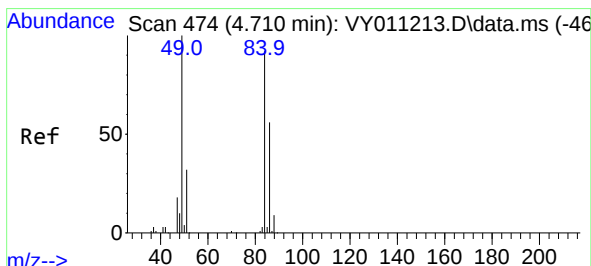
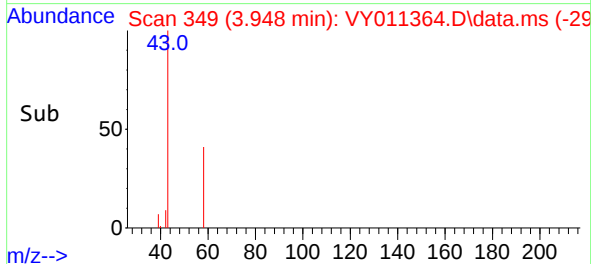
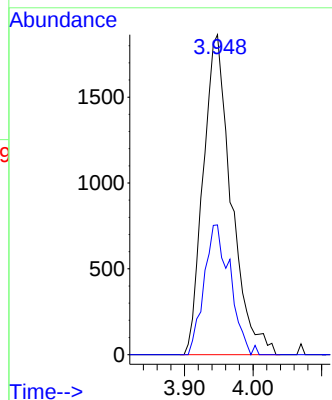
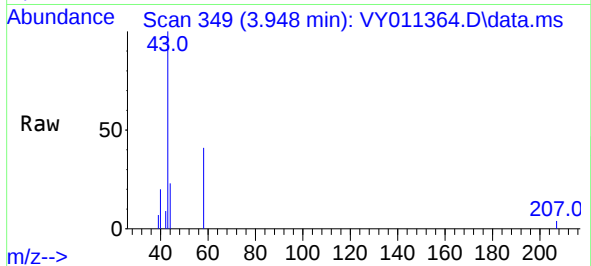




#16
Acetone
Concen: 6.965 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

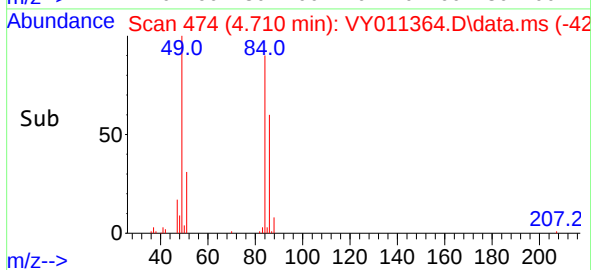
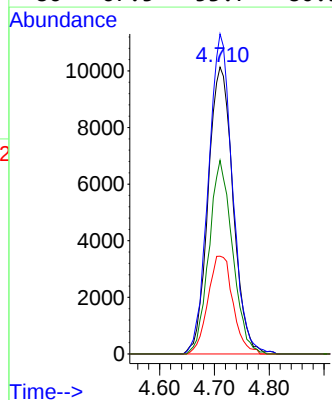
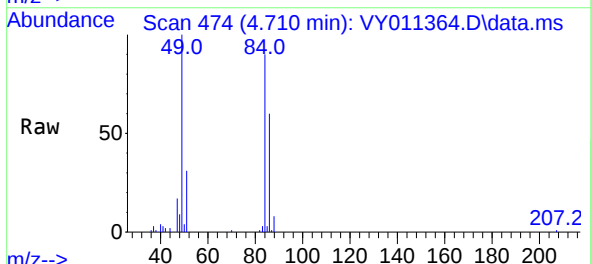
Instrument :
MSVOA_Y
ClientSampleId :

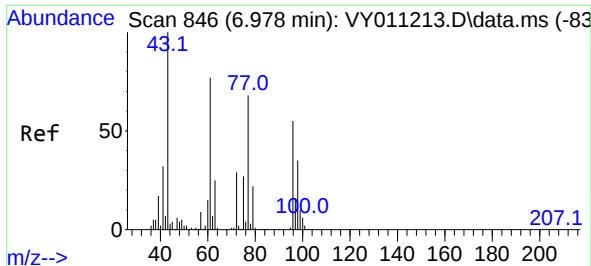
Tgt Ion: 43 Resp: 5300
Ion Ratio Lower Upper
43 100
58 40.6 22.0 33.0#



#20
Methylene Chloride
Concen: 5.824 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 84 Resp: 31948
Ion Ratio Lower Upper
84 100
49 111.6 114.4 171.6#
51 34.1 35.3 52.9#
86 67.5 53.7 80.5





#25

2-Butanone

Concen: 3.156 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

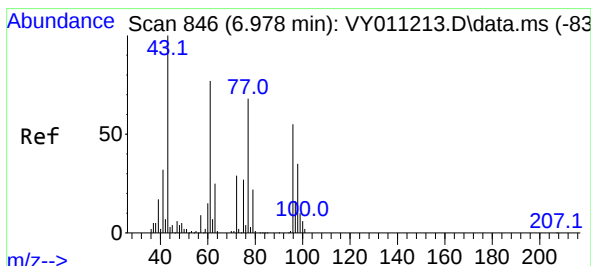
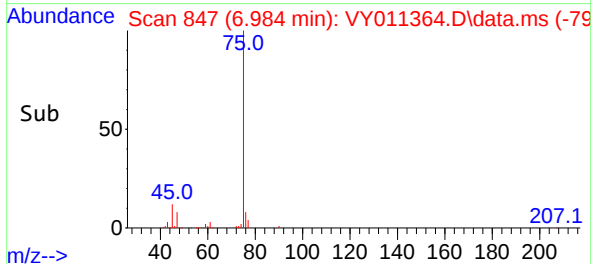
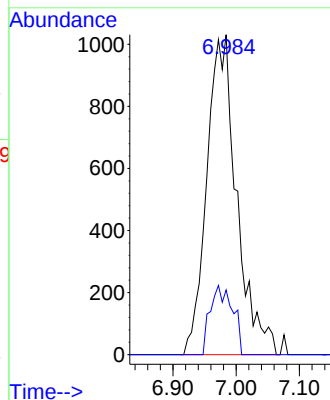
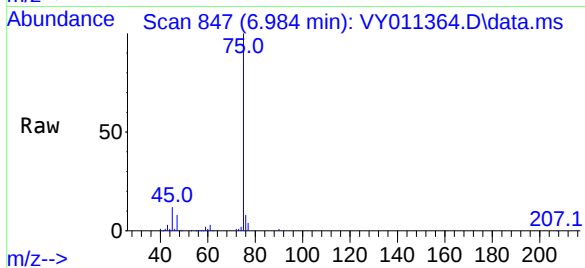
ClientSampleId :

Tgt Ion: 43 Resp: 3379

Ion Ratio Lower Upper

43 100

72 20.2 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.075 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011364.D

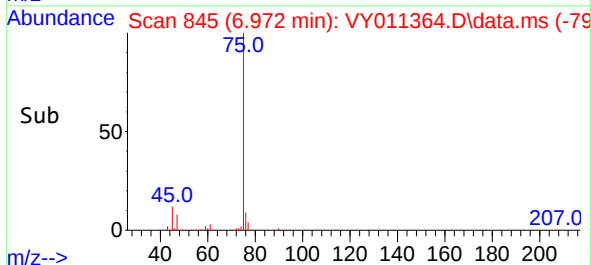
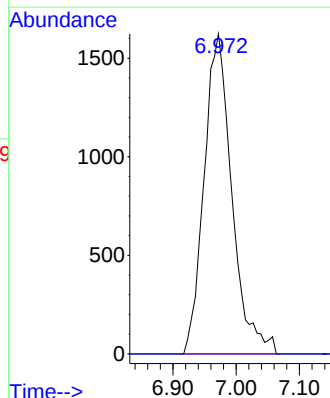
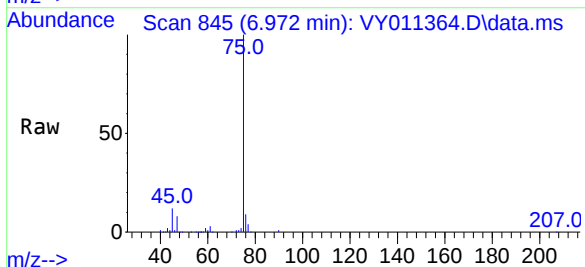
Acq: 08 Nov 2022 16:03

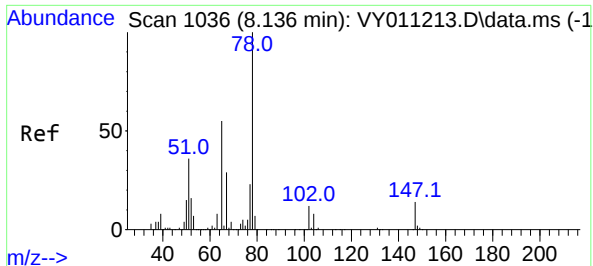
Tgt Ion: 77 Resp: 4957

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 50.635 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

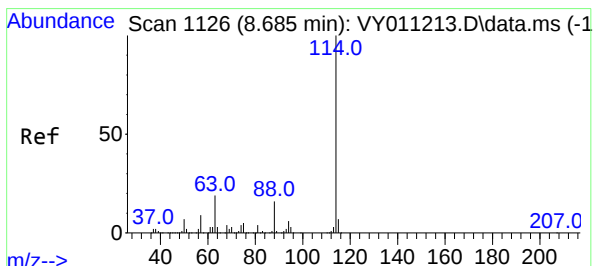
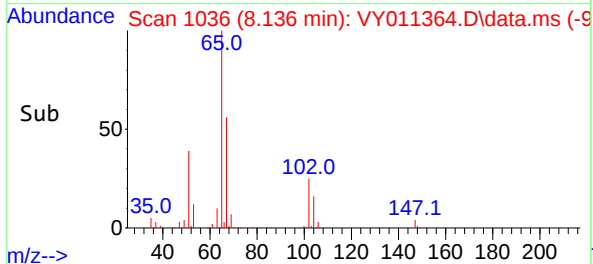
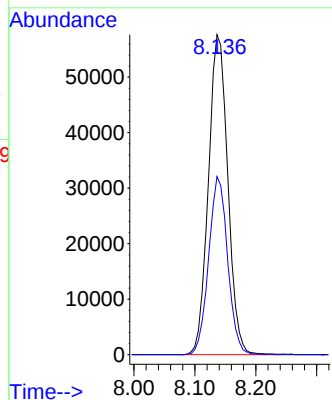
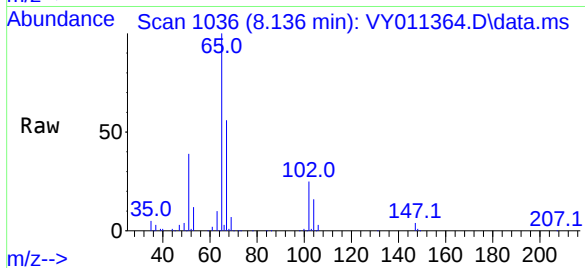
ClientSampleId :

Tgt Ion: 65 Resp: 127639

Ion Ratio Lower Upper

65 100

67 54.5 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: VY011364.D

Acq: 08 Nov 2022 16:03

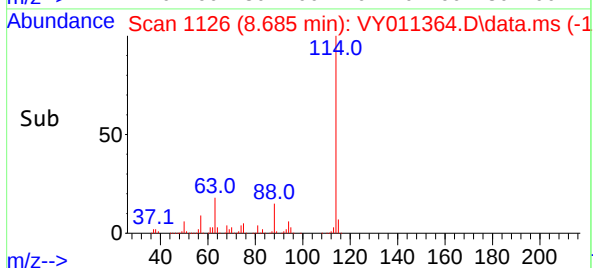
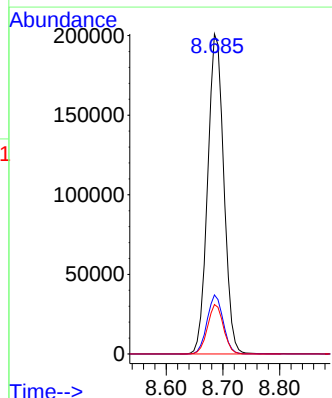
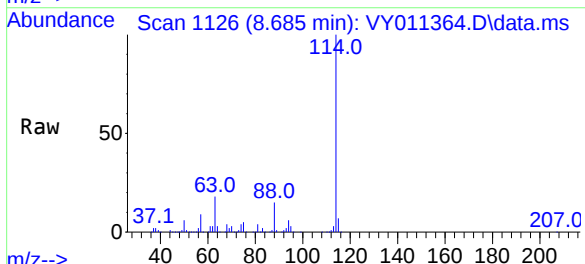
Tgt Ion: 114 Resp: 396809

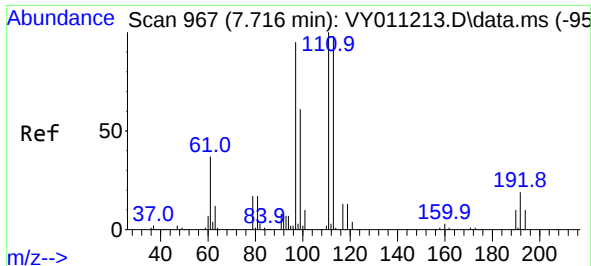
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

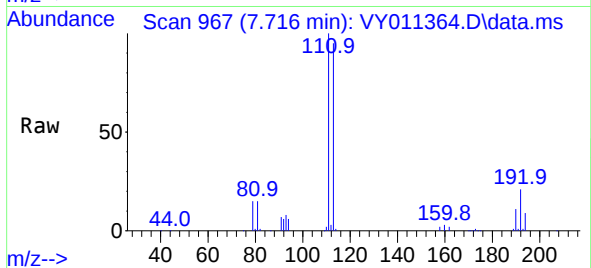
88 15.5 0.0 31.8





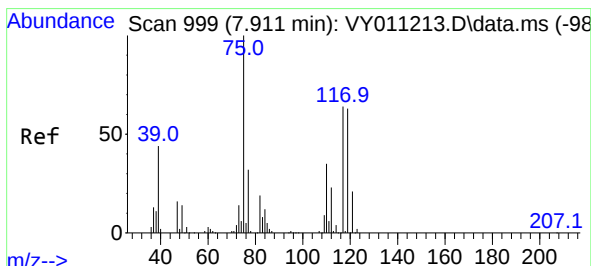
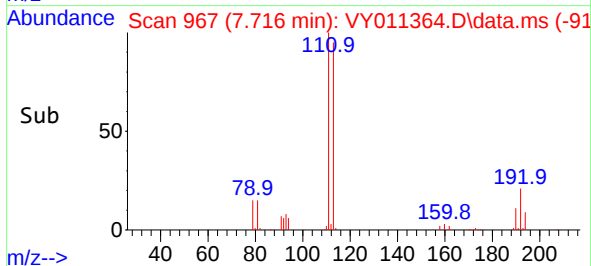
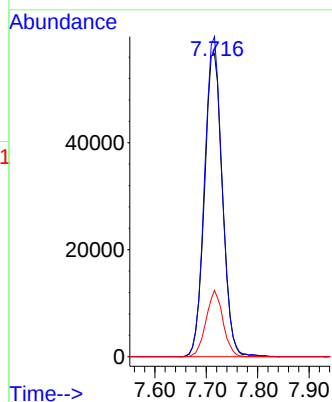
#35
Dibromofluoromethane
Concen: 54.004 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 137683

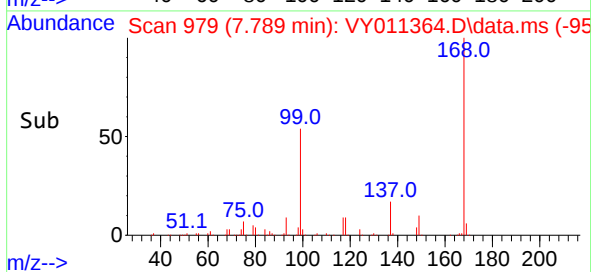
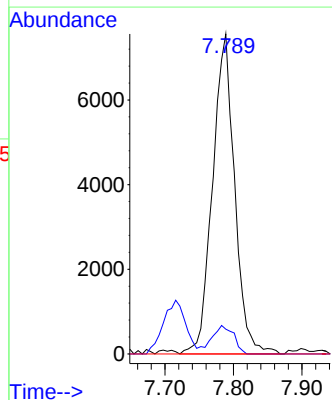
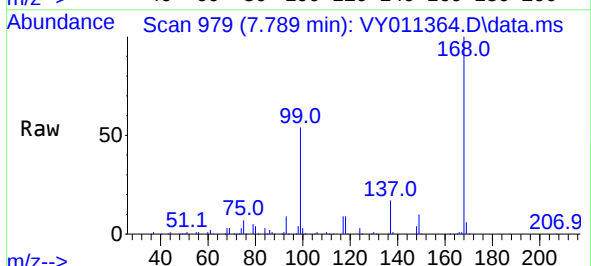
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	20.6	17.6	26.4

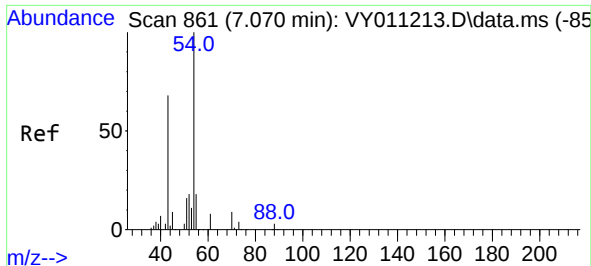


#36
1,1-Dichloropropene
Concen: 4.066 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 75 Resp: 16930

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.4	36.6#





#37

Ethyl Acetate

Concen: 1.506 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_Y

ClientSampleId :

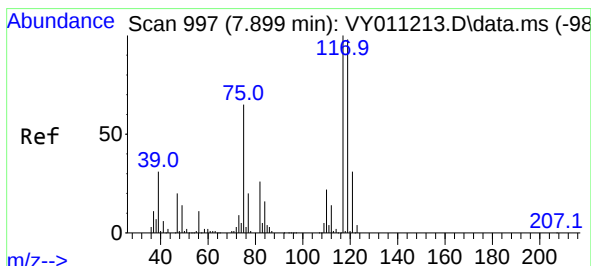
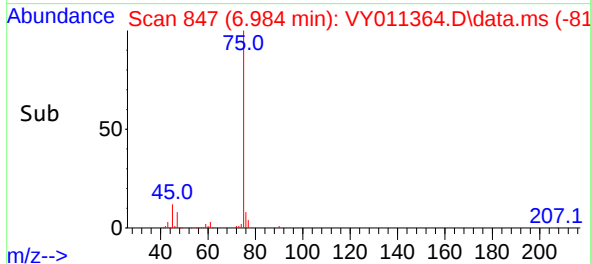
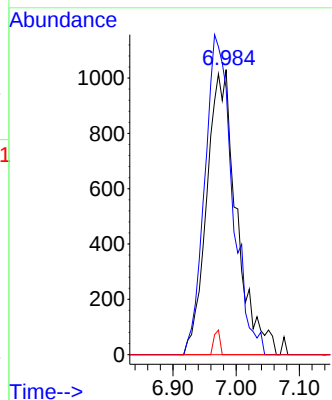
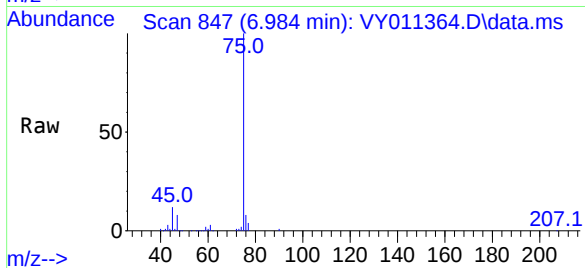
Tgt Ion: 43 Resp: 3379

Ion Ratio Lower Upper

43 100

61 104.1 9.7 14.5#

70 1.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.121 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011364.D

Acq: 08 Nov 2022 16:03

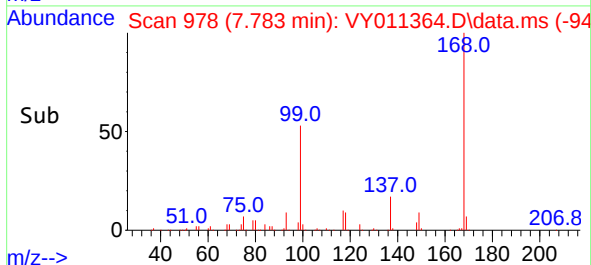
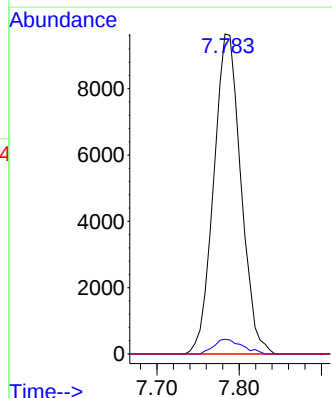
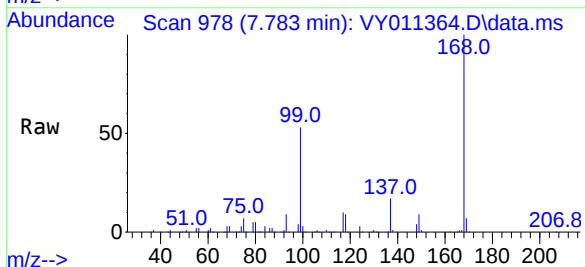
Tgt Ion: 117 Resp: 22120

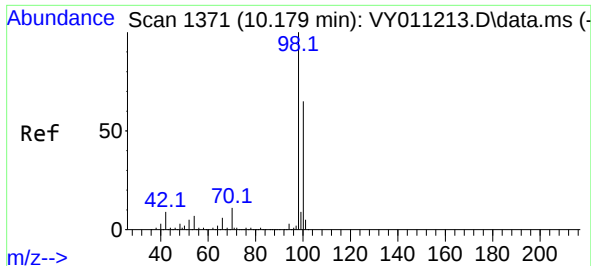
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

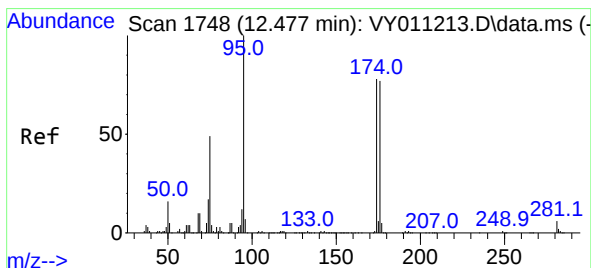
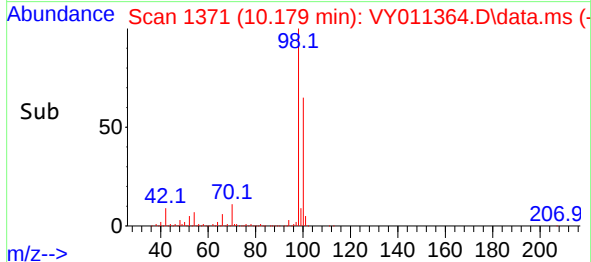
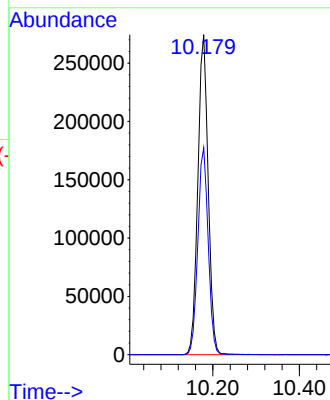
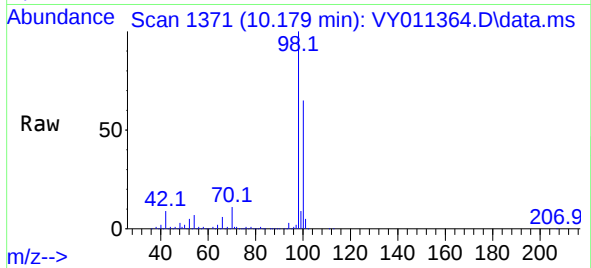




#50
Toluene-d8
Concen: 45.860 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

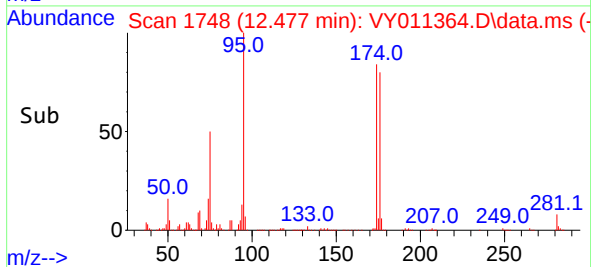
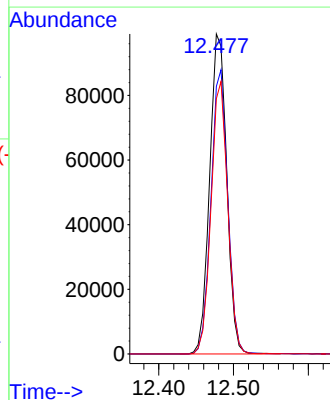
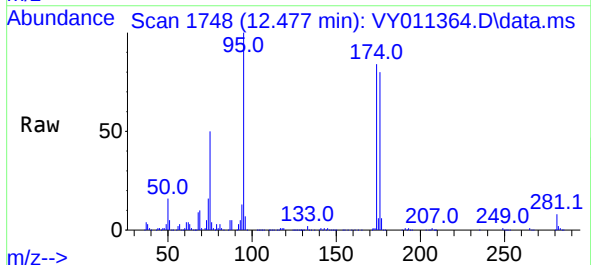
Instrument :
MSVOA_Y
ClientSampleId :

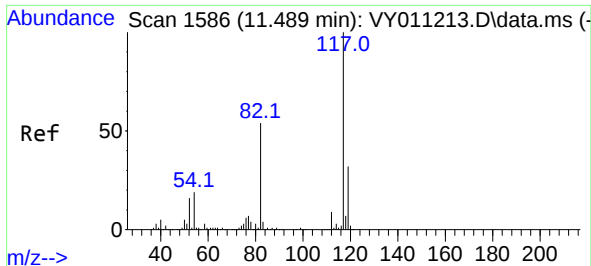
Tgt Ion: 98 Resp: 453946
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.846 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

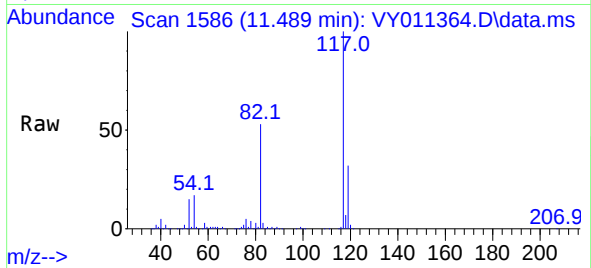
Tgt Ion: 95 Resp: 157545
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 82.8 0.0 175.8



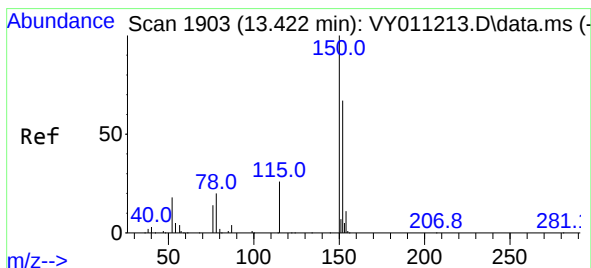
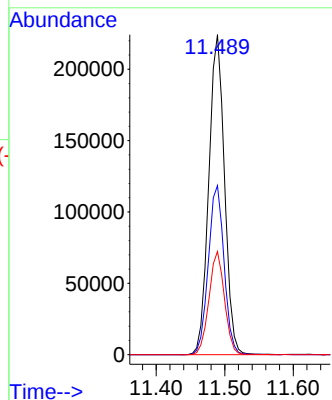
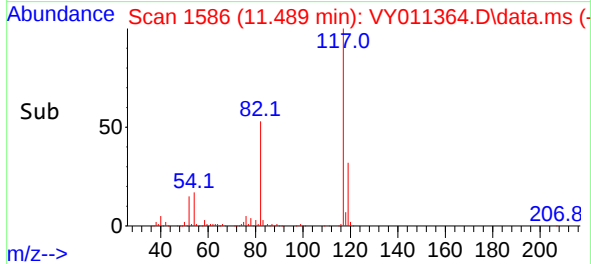


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

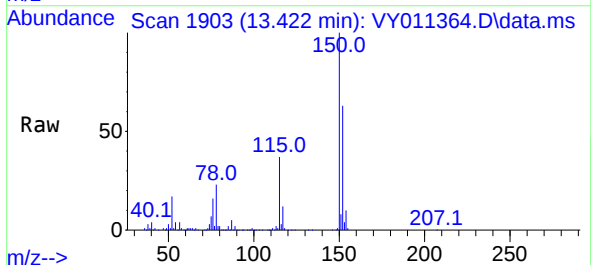
Instrument :
MSVOA_Y
ClientSampleId :



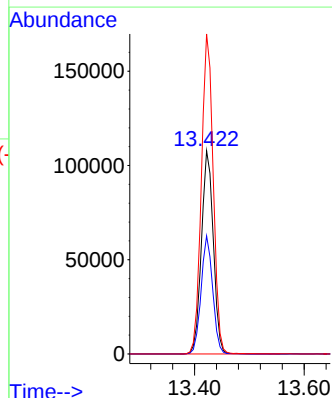
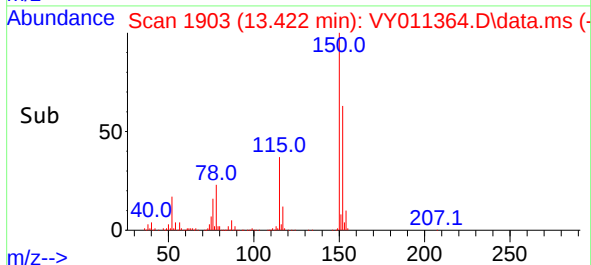
Tgt Ion:117 Resp: 358575
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.3 25.4 38.0

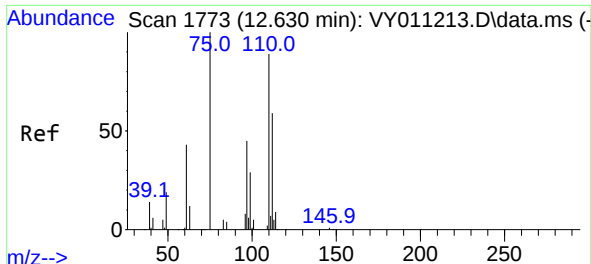


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03



Tgt Ion:152 Resp: 162364
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 156.9 0.0 347.6

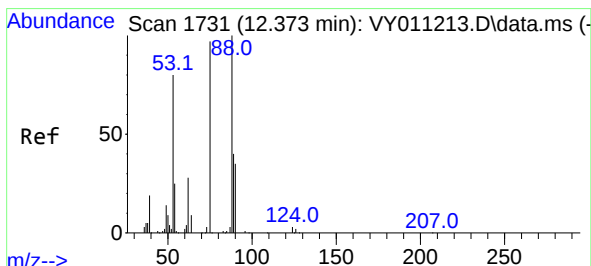
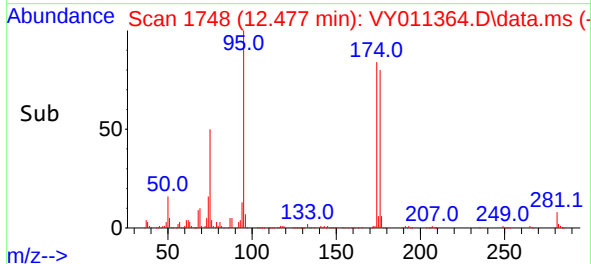
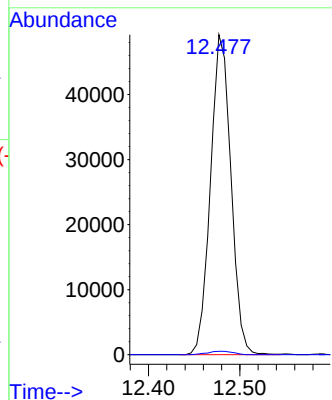
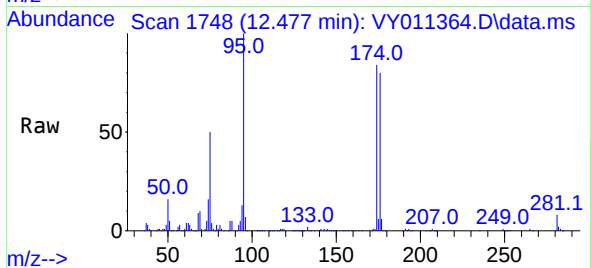




#76
1,2,3-Trichloropropane
Concen: 38.638 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

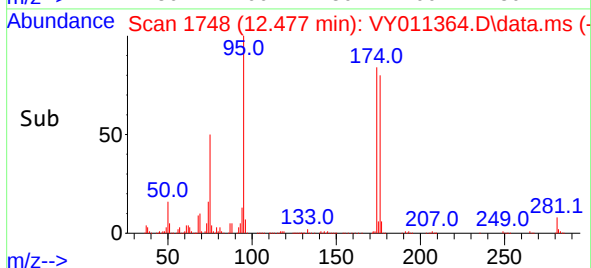
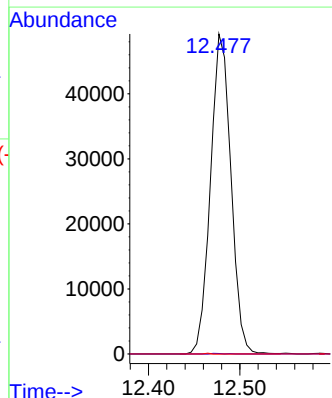
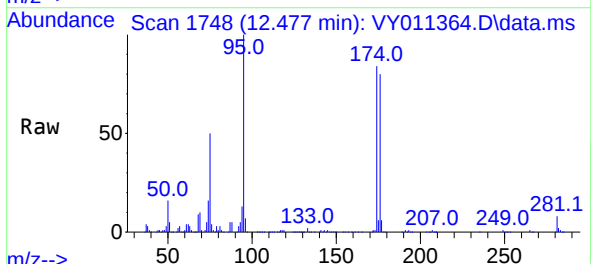
Instrument :
MSVOA_Y
ClientSampleId :

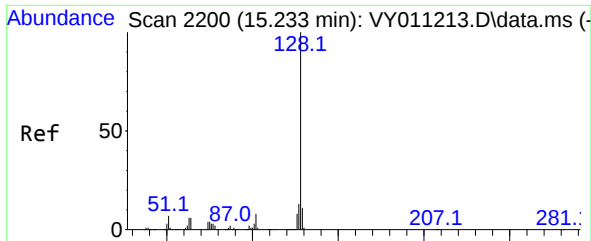
Tgt Ion: 75 Resp: 76374
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.691 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

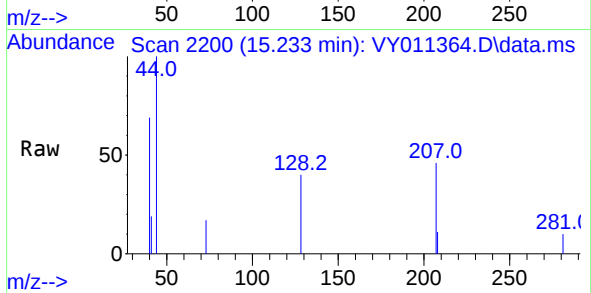
Tgt Ion: 75 Resp: 76374
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.032 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011364.D
Acq: 08 Nov 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 496
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

