

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011471.D
 Acq On : 16 Nov 2022 14:23
 Operator : KP/MD
 Sample : N5641-01
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:16:11 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)

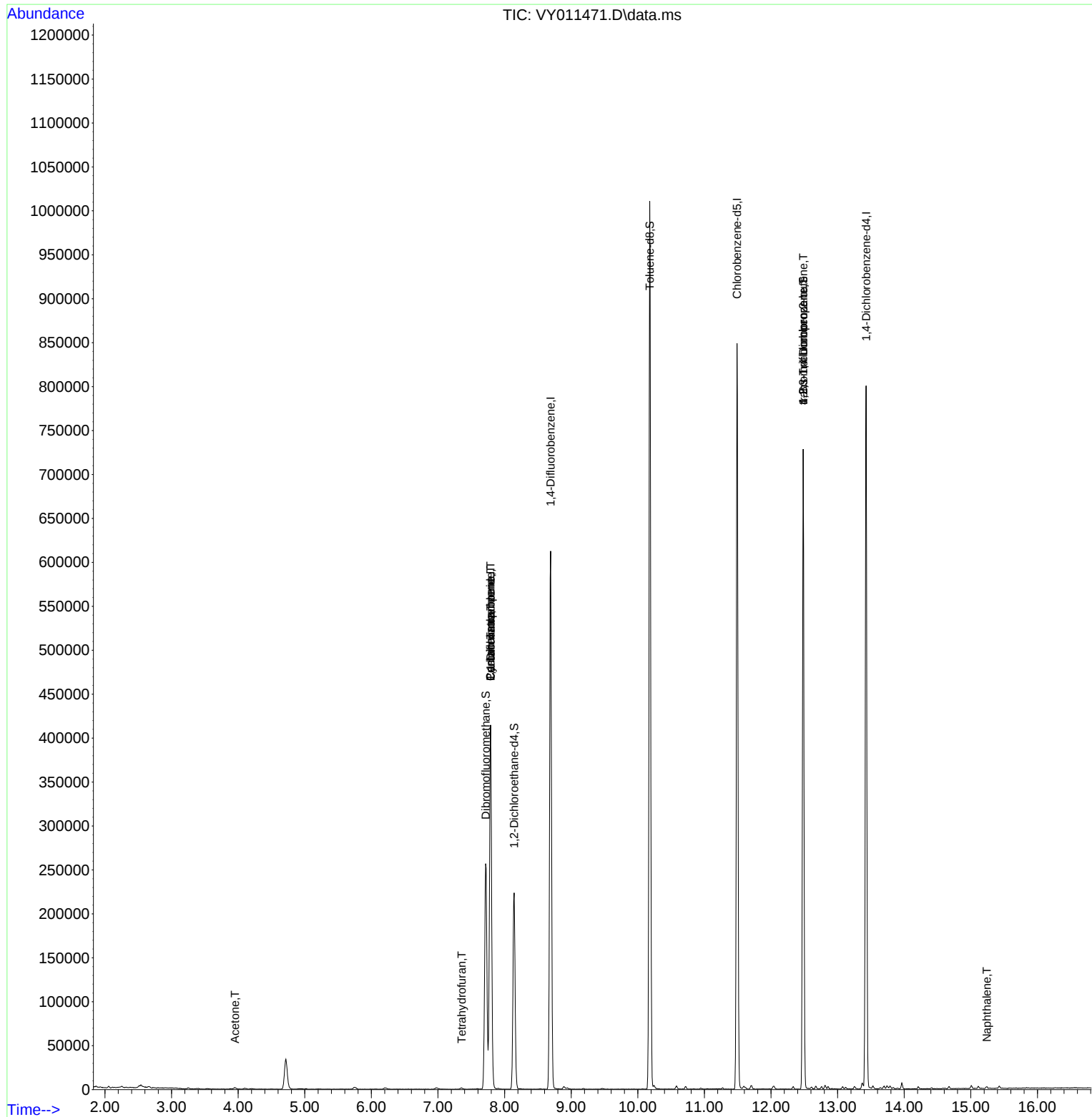
Internal Standards						
1) Pentafluorobenzene	7.789	168	336833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	493060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	174674	61.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.716	113	188587	60.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.460%	
50) Toluene-d8	10.179	98	687931	57.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.020%	
62) 4-Bromofluorobenzene	12.483	95	225902	54.147	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	163	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	841	Below Cal	#	77
16) Acetone	3.954	43	2764	3.711	ug/l	96
18) Methyl Acetate	4.485	43	205	Below Cal	#	56
20) Methylene Chloride	4.716	84	28540	Below Cal	#	77
29) Tetrahydrofuran	7.356	42	1078	1.677	ug/l	96
31) Cyclohexane	7.789	56	5676	1.119	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22367	4.603	ug/l #	50
38) Carbon Tetrachloride	7.789	117	32127	6.078	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	106479	41.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106479	98.910	ug/l #	7
95) Naphthalene	15.239	128	1977	3.494	ug/l #	96

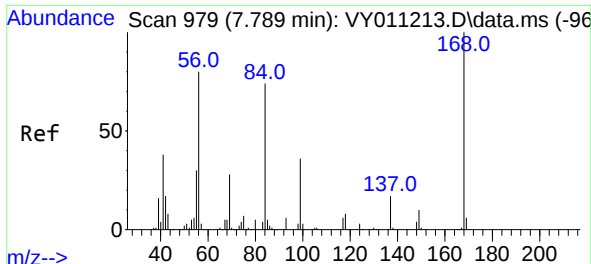
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
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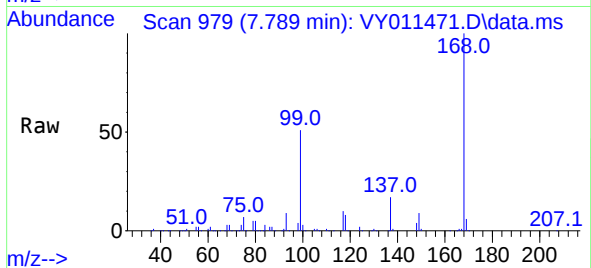
Quant Time: Nov 17 03:16:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
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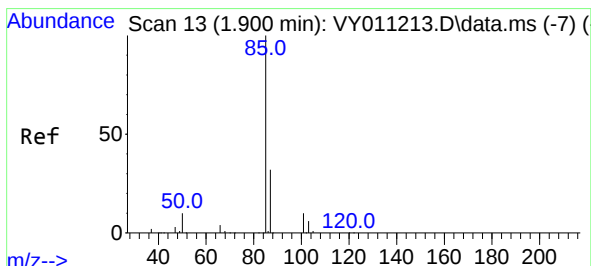
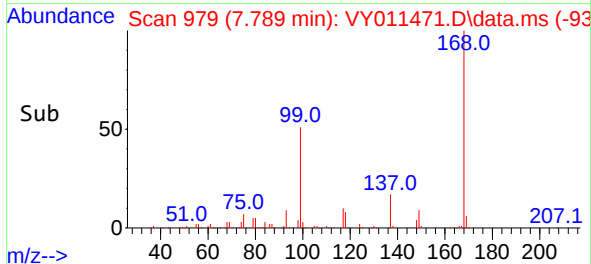
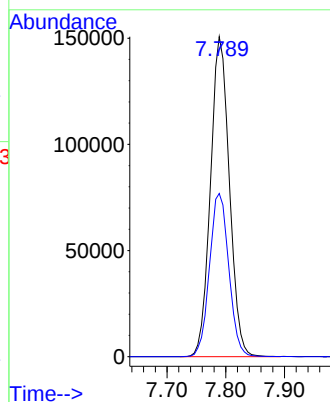


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :

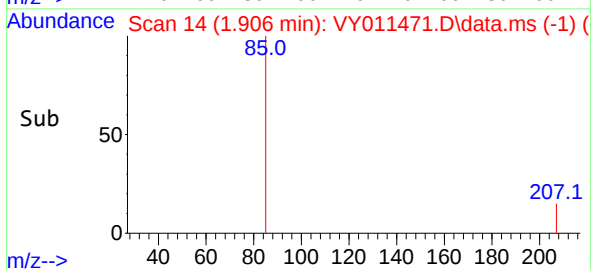
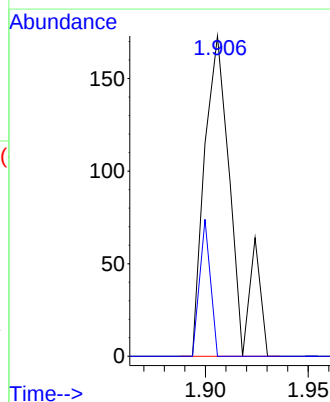
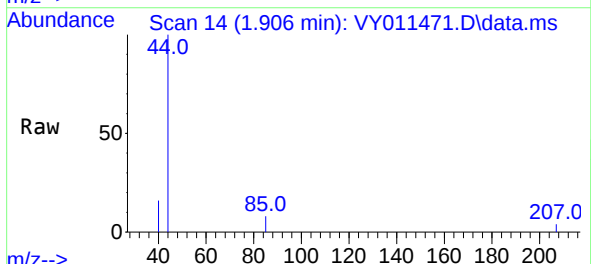


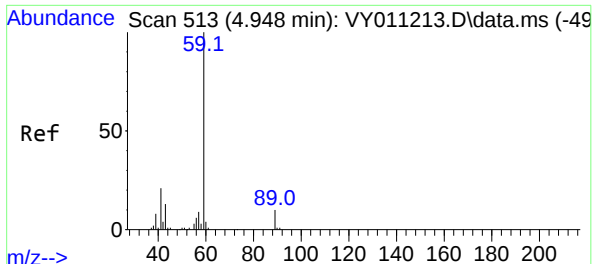
Tgt Ion:168 Resp: 336833
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

Tgt Ion: 85 Resp: 163
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 513

Delta R.T. -0.024 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

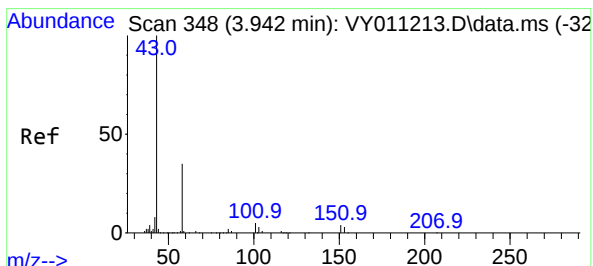
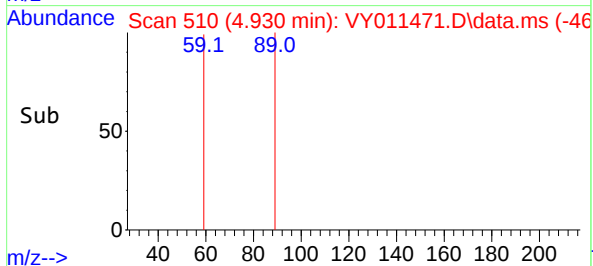
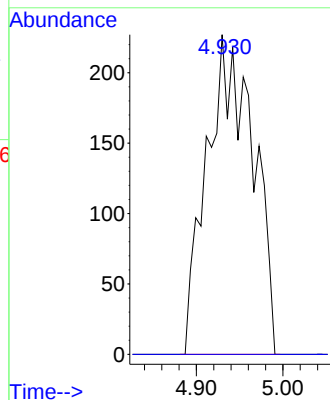
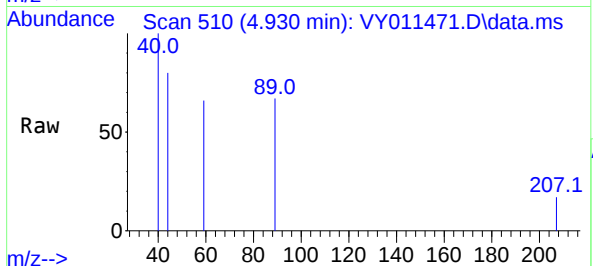
ClientSampleId :

Tgt Ion: 59 Resp: 841

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.711 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011471.D

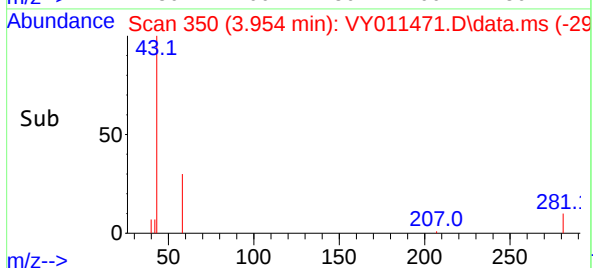
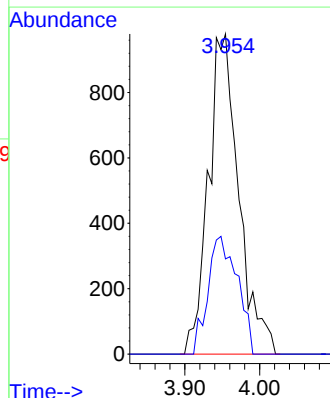
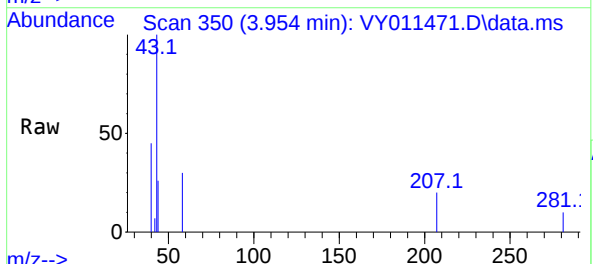
Acq: 16 Nov 2022 14:23

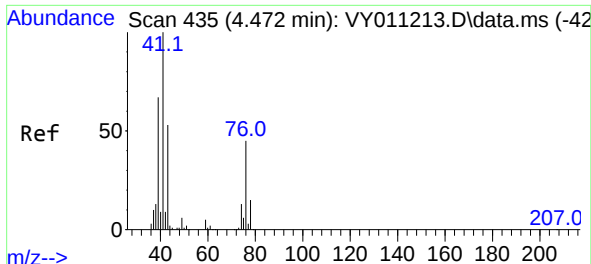
Tgt Ion: 43 Resp: 2764

Ion Ratio Lower Upper

43 100

58 29.7 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.012 min

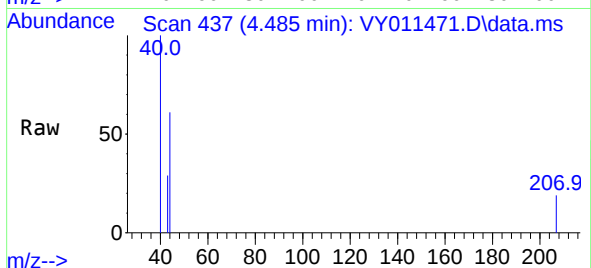
Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

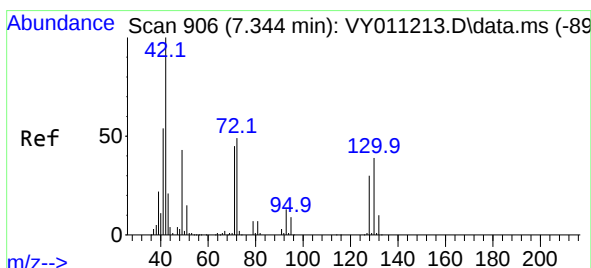
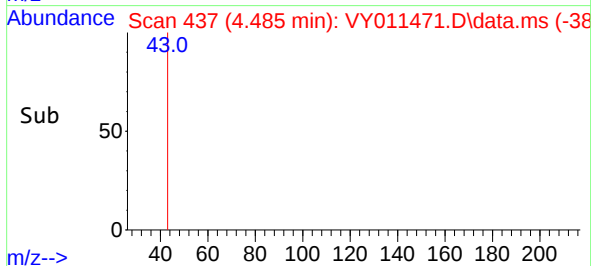
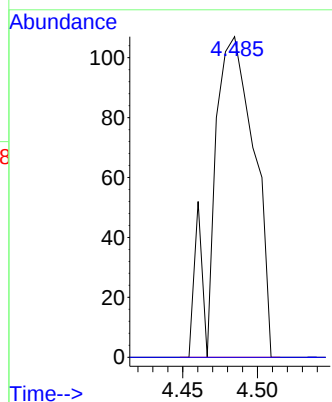


Tgt Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#29

Tetrahydrofuran

Concen: 1.677 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

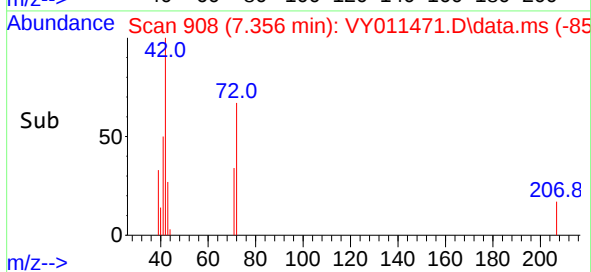
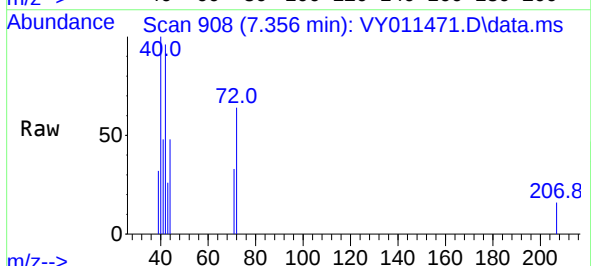
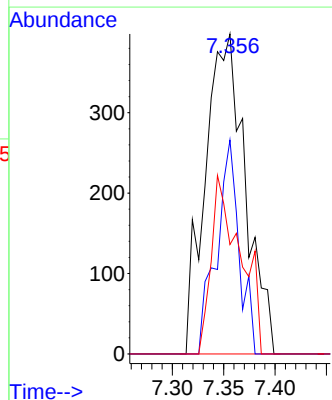
Tgt Ion: 42 Resp: 1078

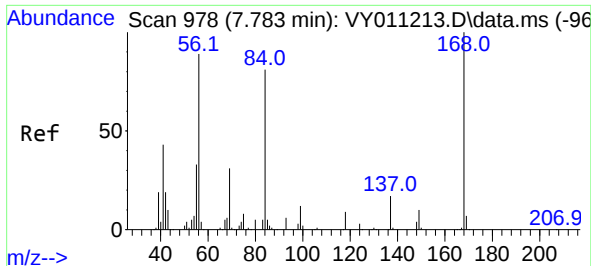
Ion Ratio Lower Upper

42 100

72 37.7 30.3 45.5

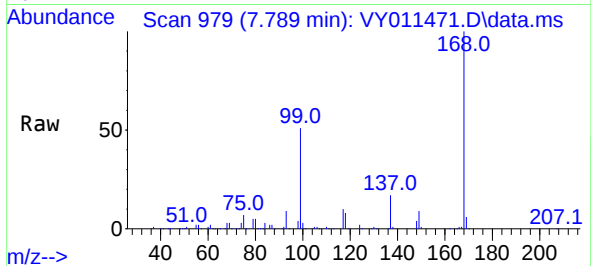
71 40.5 29.0 43.4



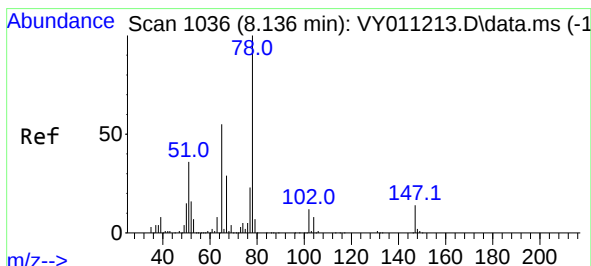
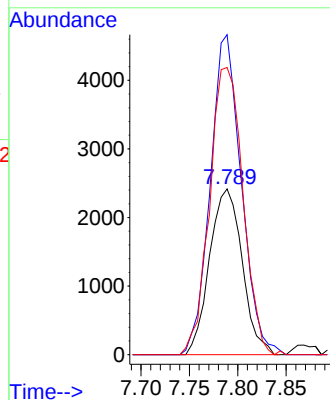
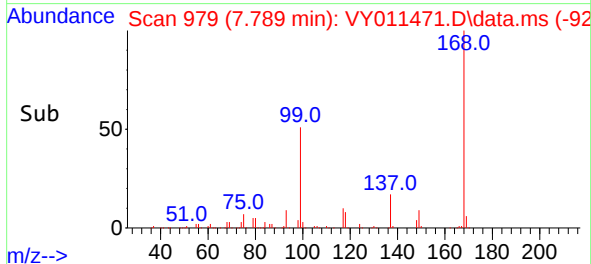


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

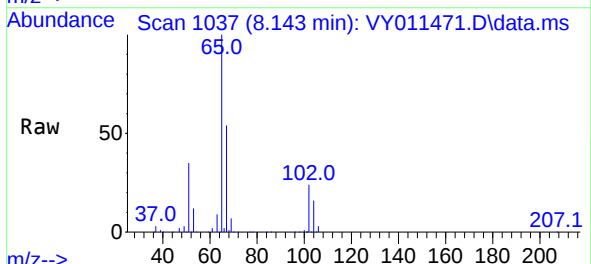
Instrument :
MSVOA_Y
ClientSampleId :



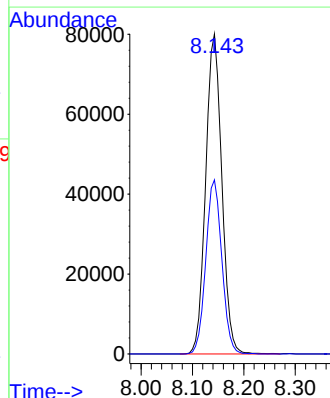
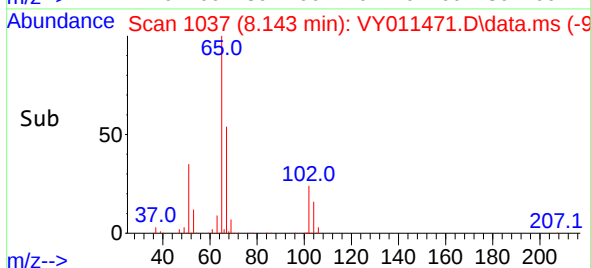
Tgt Ion: 56 Resp: 5676
Ion Ratio Lower Upper
56 100
69 193.1 26.7 40.1#
84 173.3 67.2 100.8#

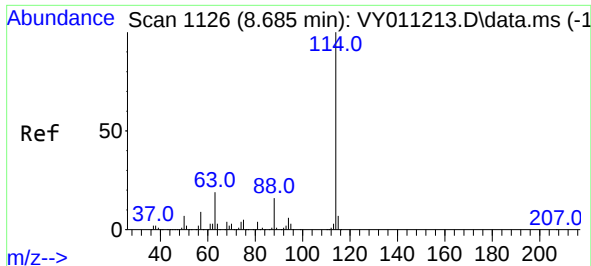


#33
1,2-Dichloroethane-d4
Concen: 61.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23



Tgt Ion: 65 Resp: 174674
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

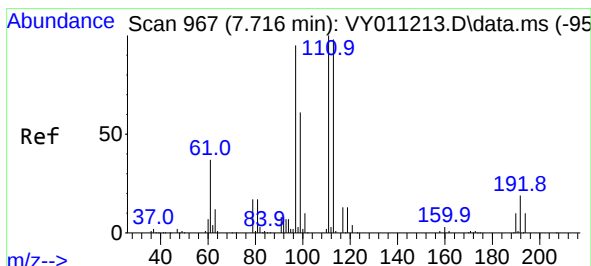
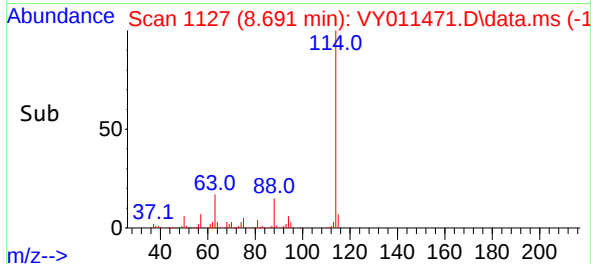
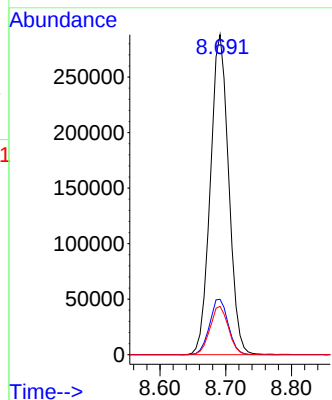
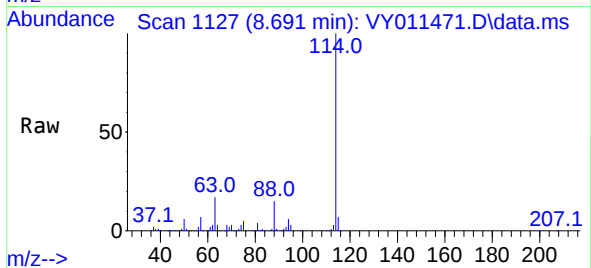
Tgt Ion:114 Resp: 558687

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.232 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

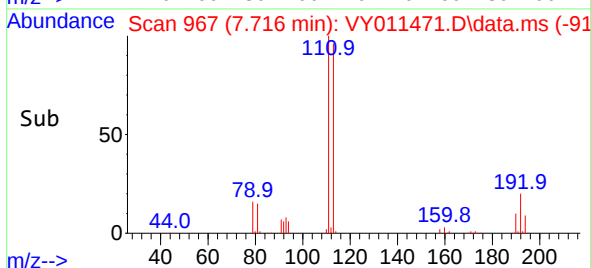
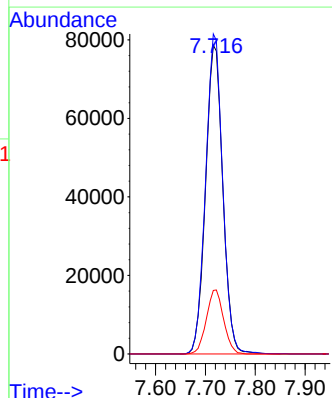
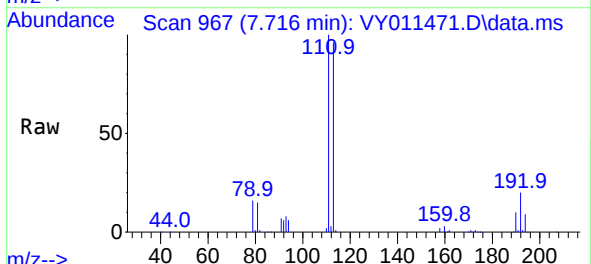
Tgt Ion:113 Resp: 188587

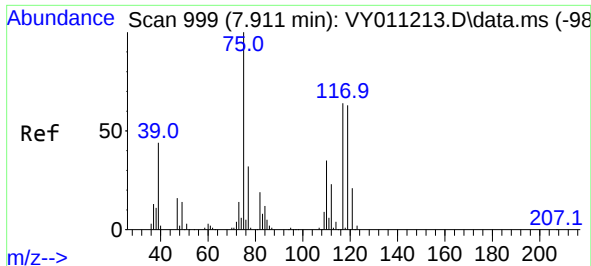
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.603 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

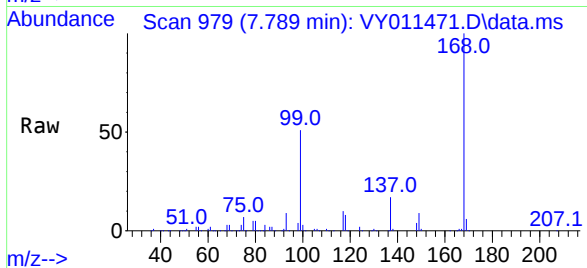
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Acq: 16 Nov 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :



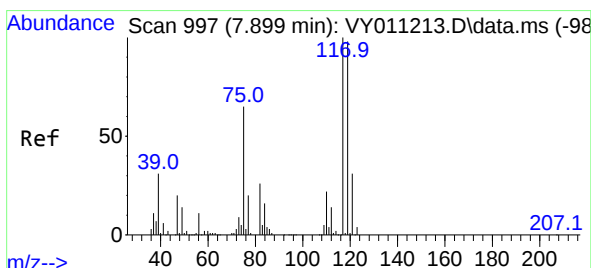
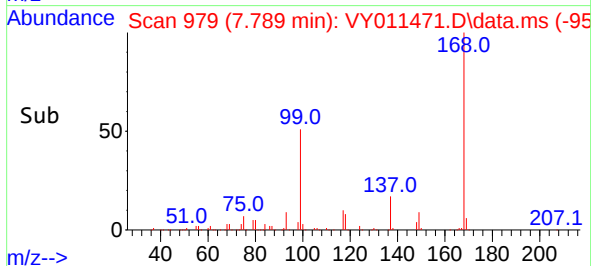
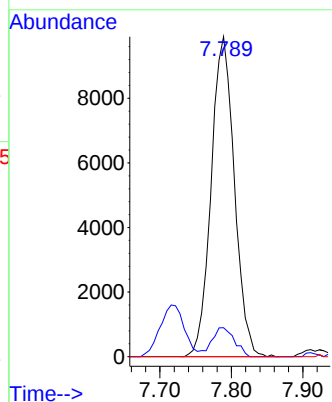
Tgt Ion: 75 Resp: 22367

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011471.D

Acq: 16 Nov 2022 14:23

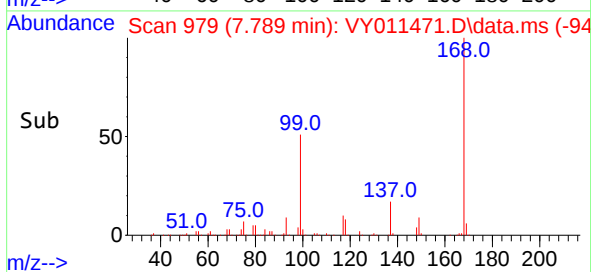
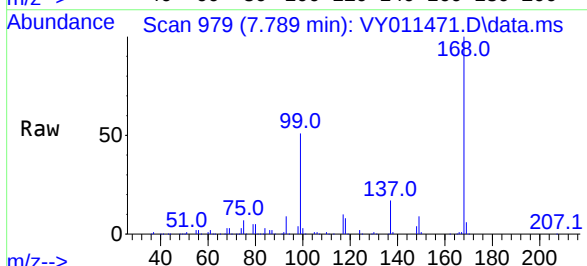
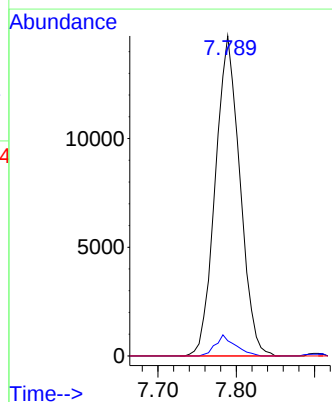
Tgt Ion: 117 Resp: 32127

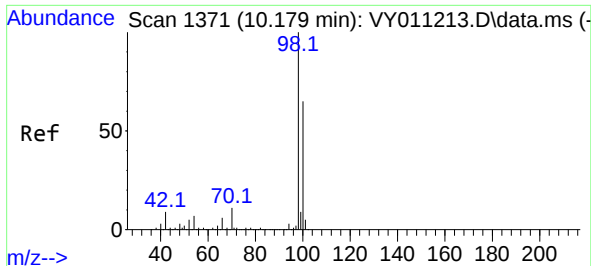
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

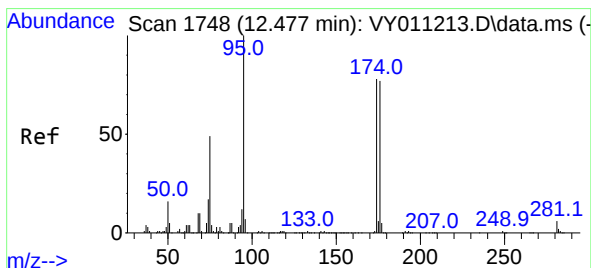
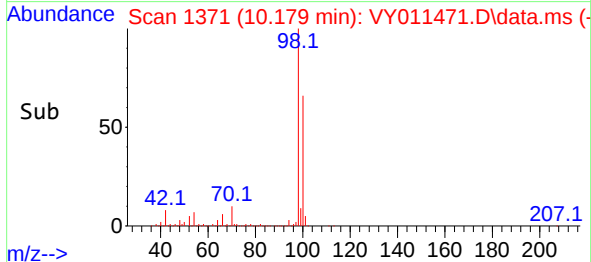
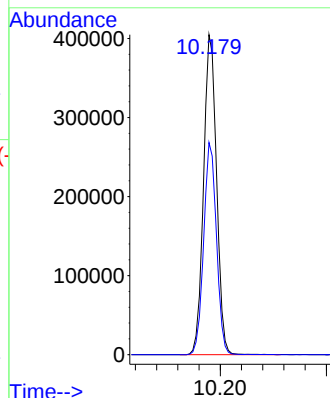
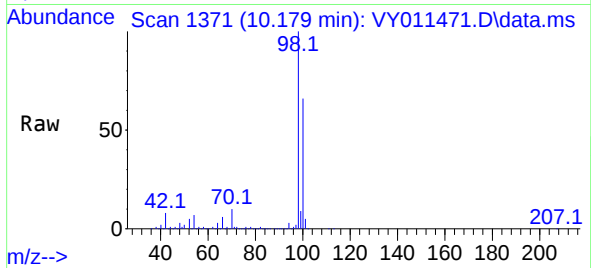




#50
Toluene-d8
Concen: 57.513 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

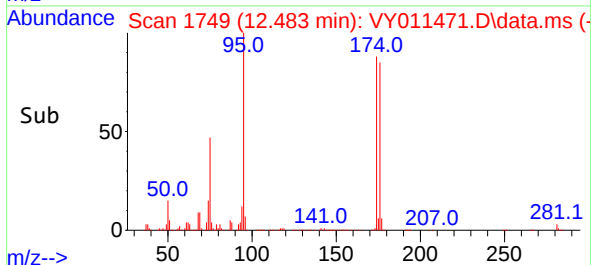
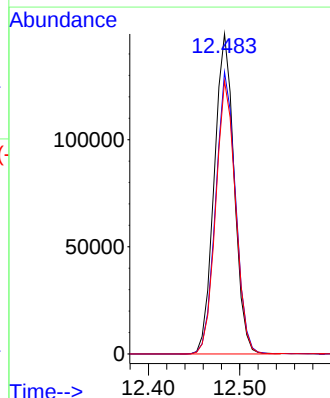
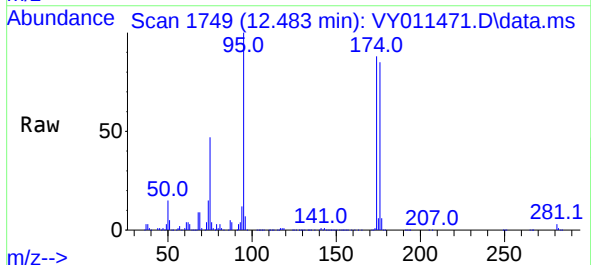
Instrument :
MSVOA_Y
ClientSampleId :

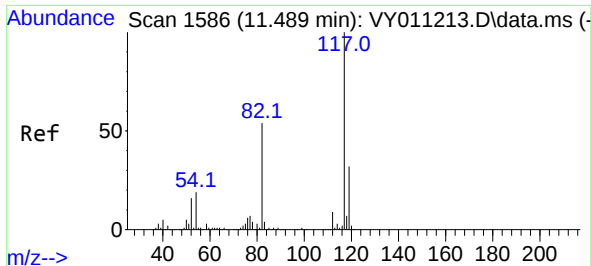
Tgt Ion: 98 Resp: 687931
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.147 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

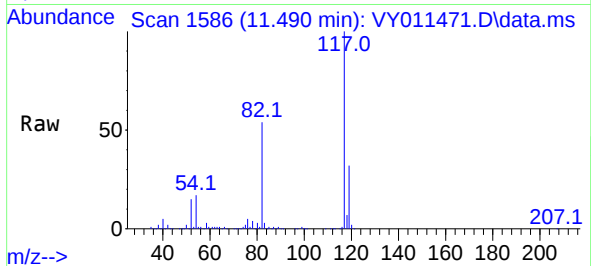
Tgt Ion: 95 Resp: 225902
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.0 0.0 175.8



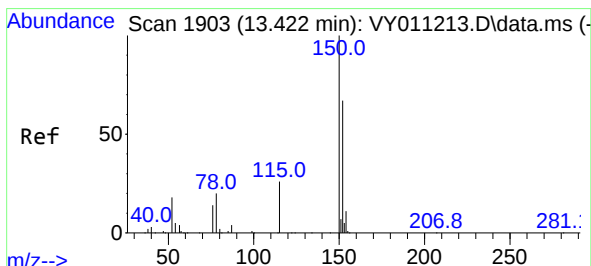
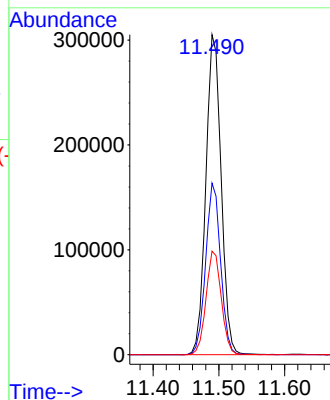
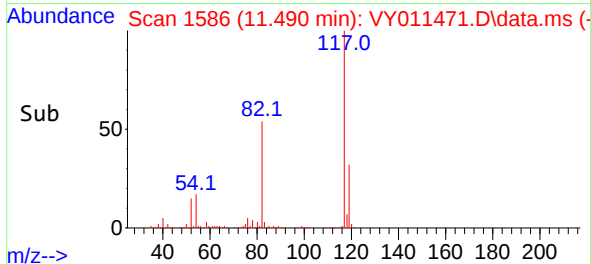


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

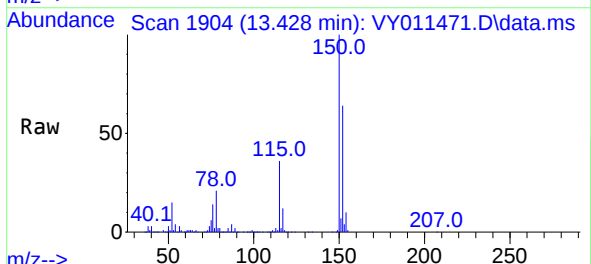
Instrument :
MSVOA_Y
ClientSampleId :



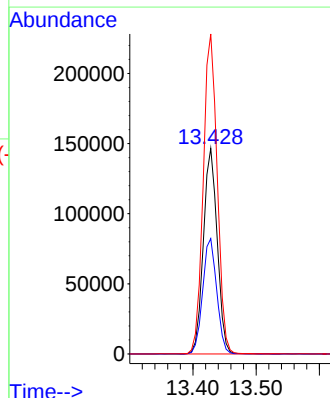
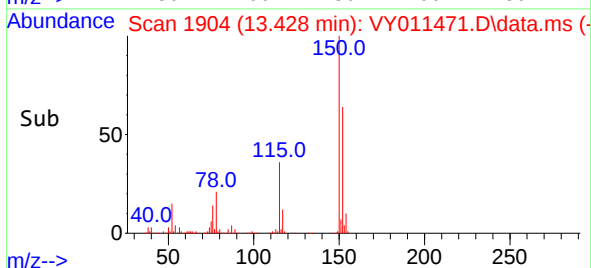
Tgt Ion:117 Resp: 493060
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.3 25.4 38.0

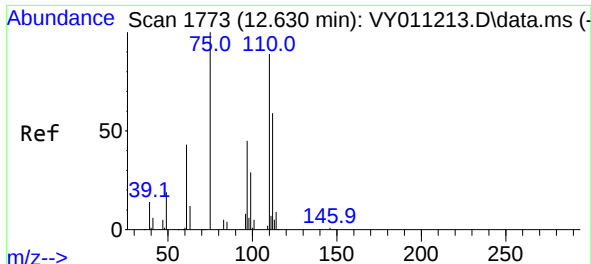


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23



Tgt Ion:152 Resp: 223548
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.2 0.0 347.6

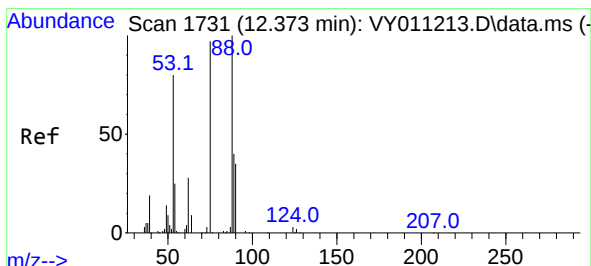
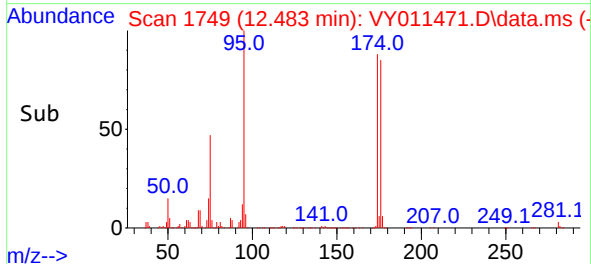
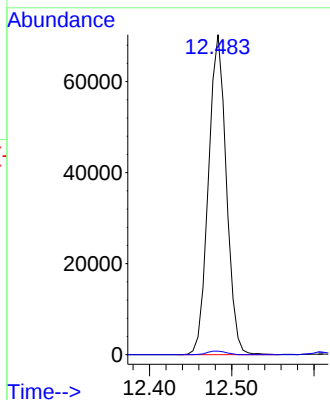
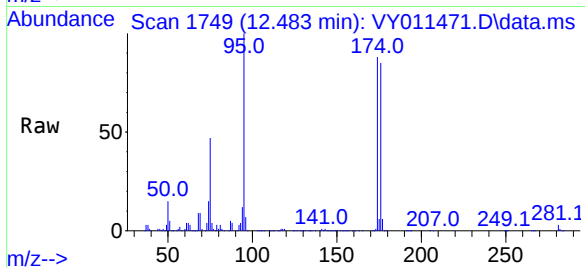




#76
1,2,3-Trichloropropane
Concen: 41.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

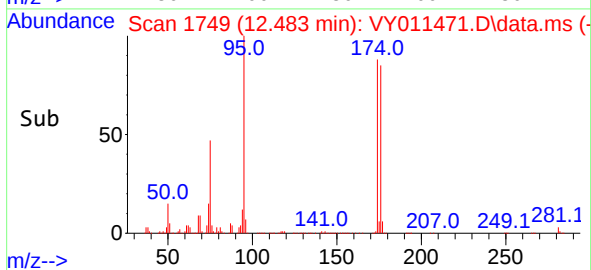
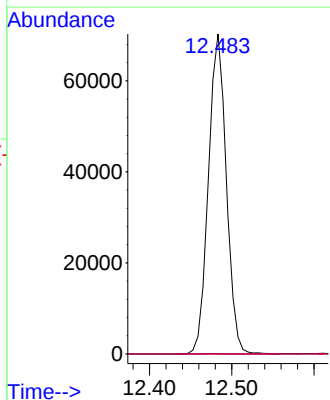
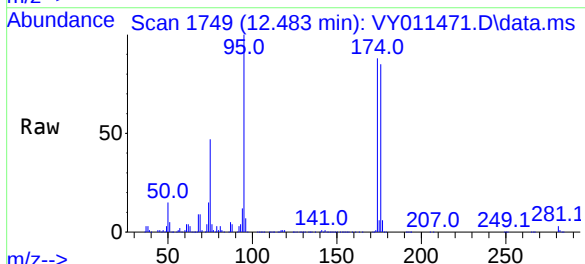
Instrument :
MSVOA_Y
ClientSampleId :

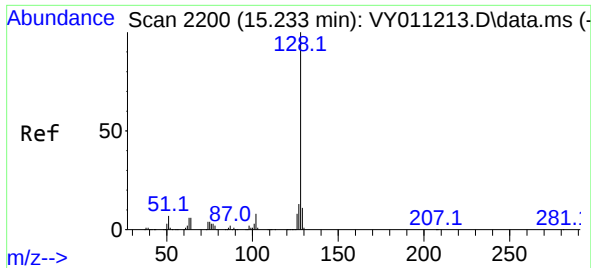
Tgt Ion: 75 Resp: 106479
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

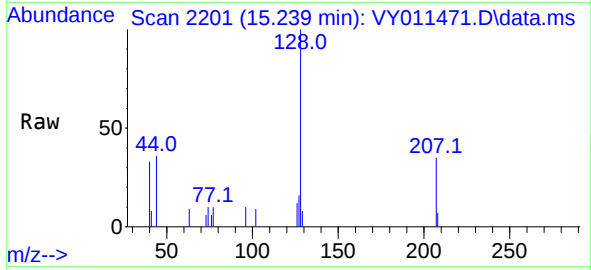
Tgt Ion: 75 Resp: 106479
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.494 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011471.D
Acq: 16 Nov 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	1977
Ion	Ratio	Lower	Upper
128	100		
127	12.3	11.0	16.4
129	8.4	8.4	12.6#

