

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011476.D
 Acq On : 16 Nov 2022 16:16
 Operator : KP/MD
 Sample : N5641-06
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:16:54 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)

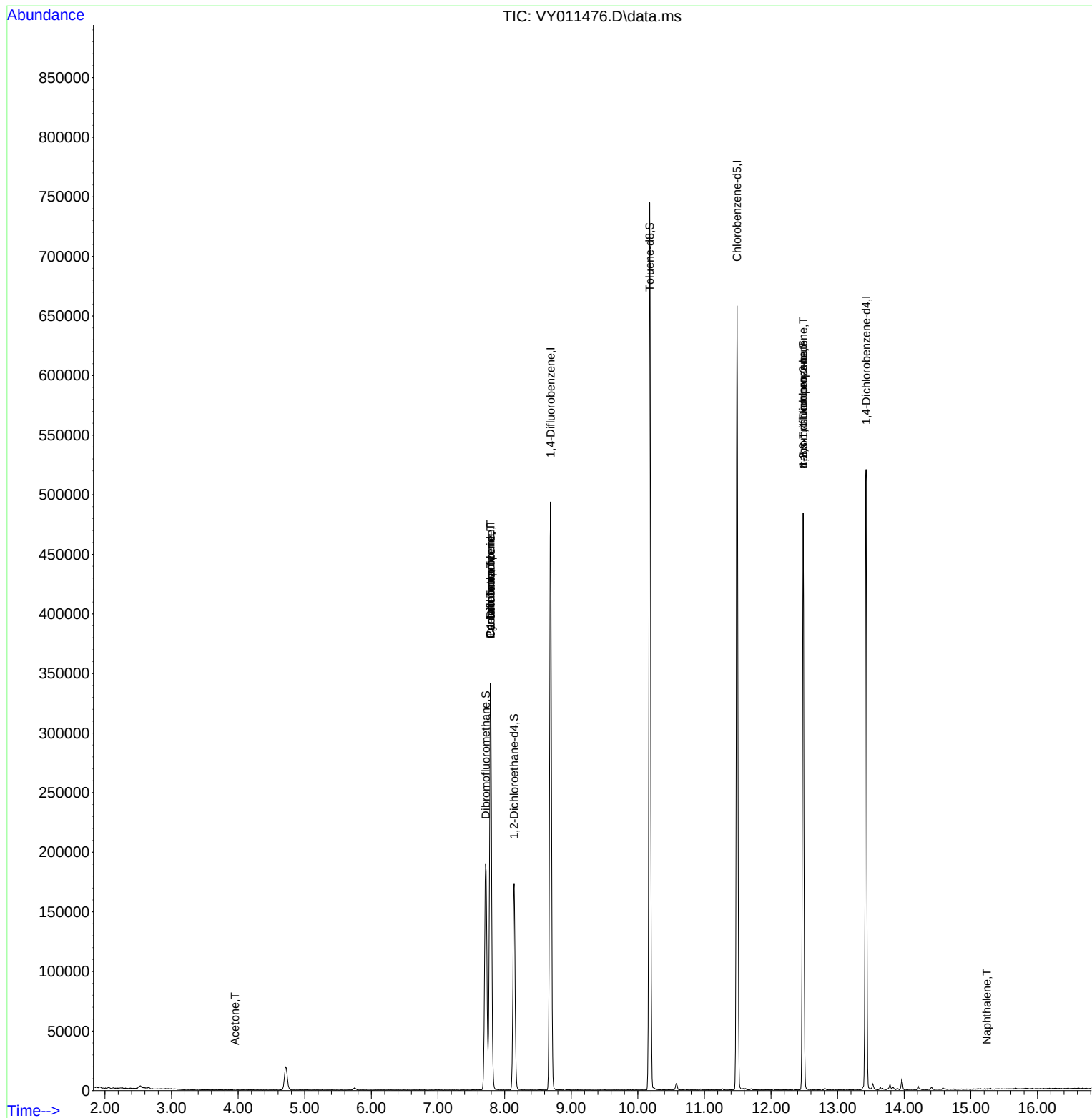
Internal Standards						
1) Pentafluorobenzene	7.789	168	275634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	452270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	136827	59.239	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.480%			
35) Dibromofluoromethane	7.716	113	142814	56.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.700%			
50) Toluene-d8	10.179	98	507993	52.462	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.920%			
62) 4-Bromofluorobenzene	12.483	95	150105	44.445	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.880%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	97	Below Cal	#	77
16) Acetone	3.954	43	948	1.555	ug/l #	79
18) Methyl Acetate	4.472	43	113	Below Cal	#	56
20) Methylene Chloride	4.722	84	16454	Below Cal	#	72
31) Cyclohexane	7.789	56	4403	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	18288	4.649	ug/l #	51
38) Carbon Tetrachloride	7.789	117	25385	5.932	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	70816	41.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70816	99.900	ug/l #	7
95) Naphthalene	15.239	128	268	3.320	ug/l #	69

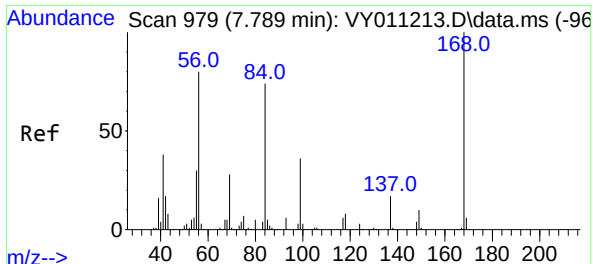
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
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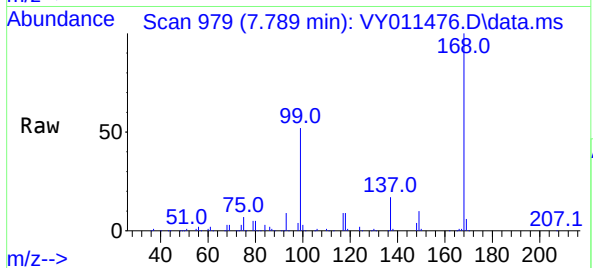
Quant Time: Nov 17 03:16:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration



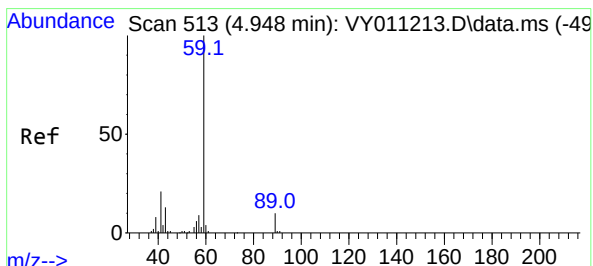
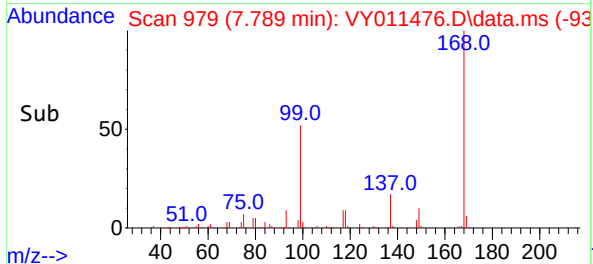
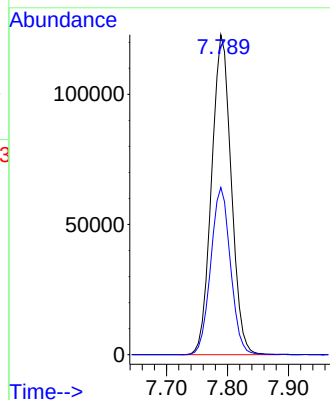


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

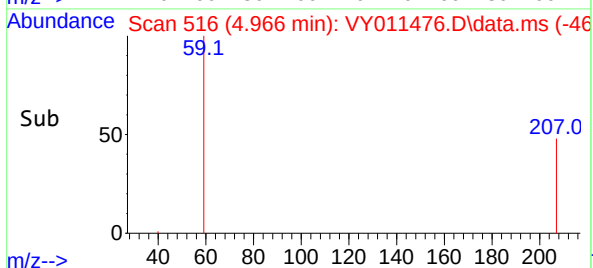
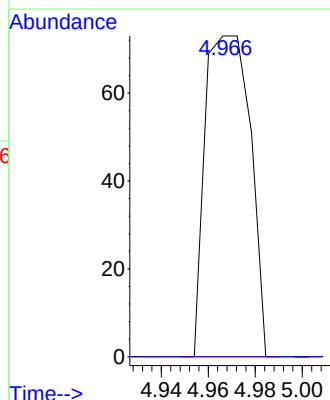
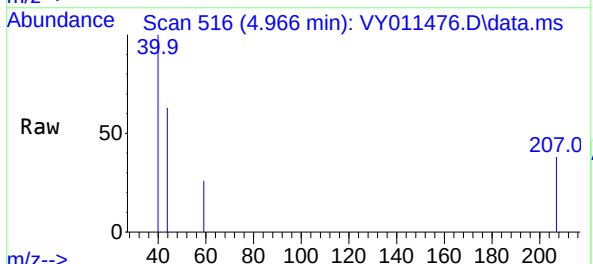


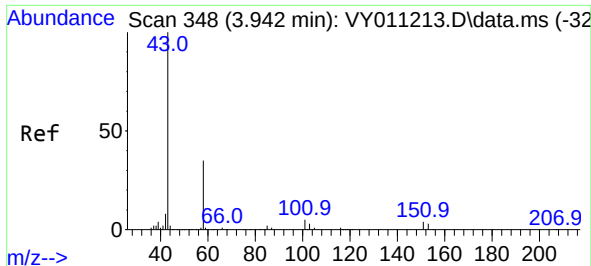
Tgt Ion:168 Resp: 275634
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Tgt Ion: 59 Resp: 97
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

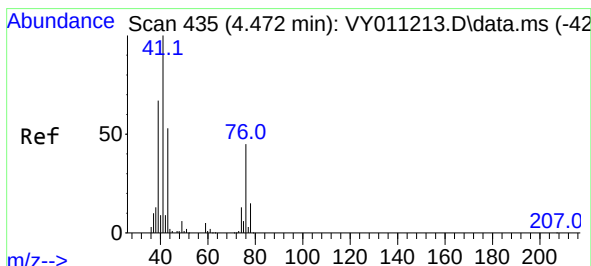
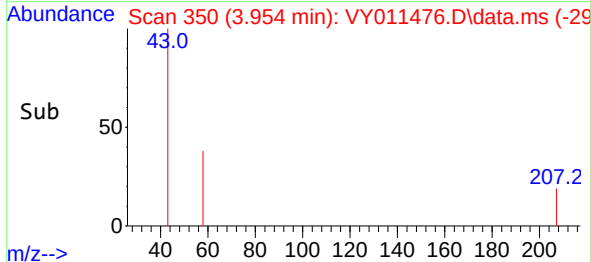
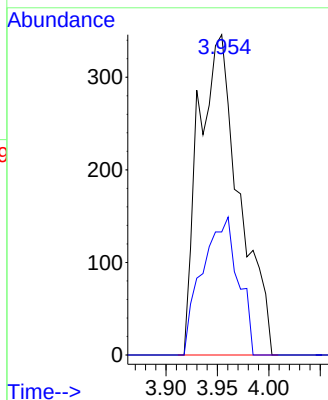
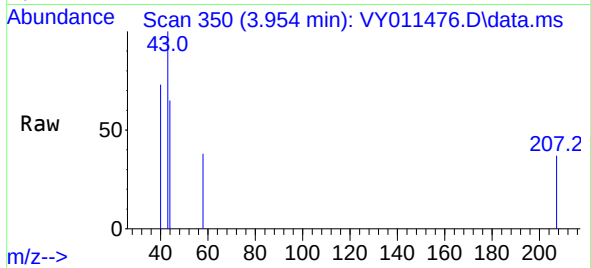




#16
Acetone
Concen: 1.555 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

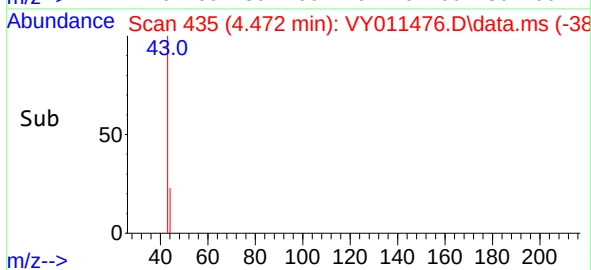
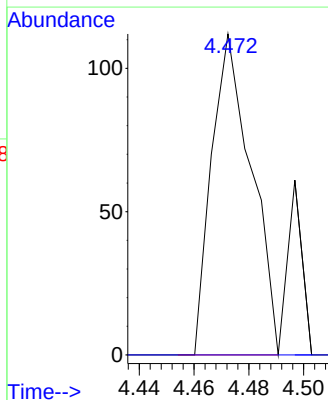
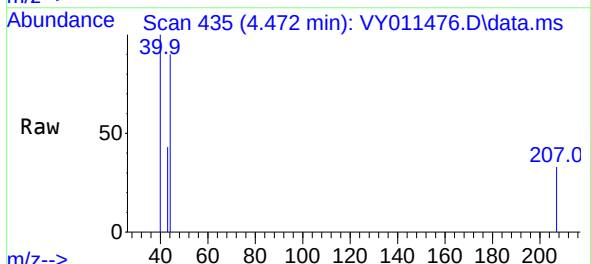
Instrument :
MSVOA_Y
ClientSampleId :

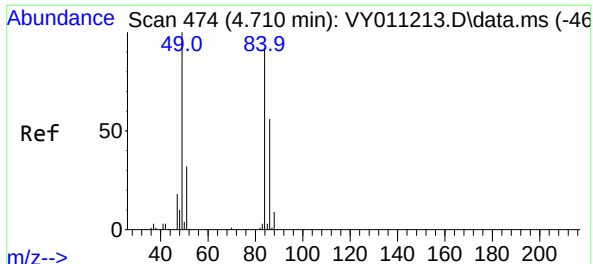
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 38.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

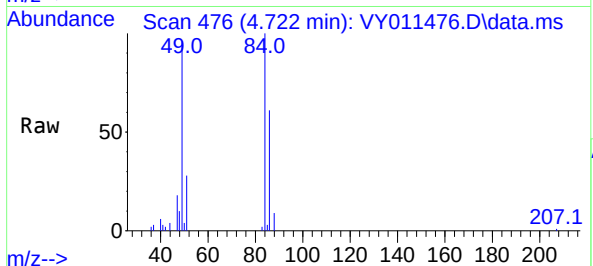
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



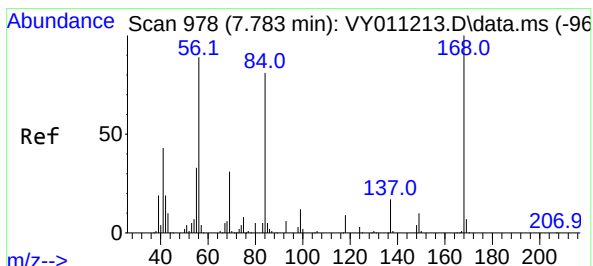
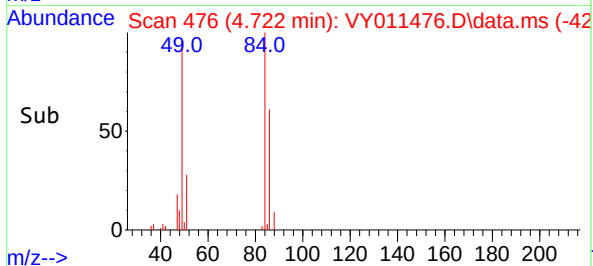
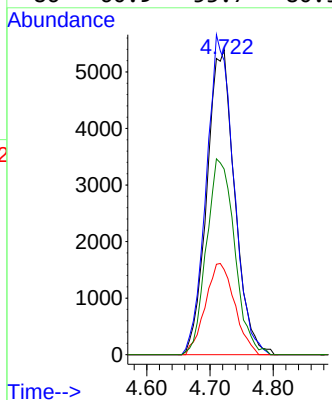


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

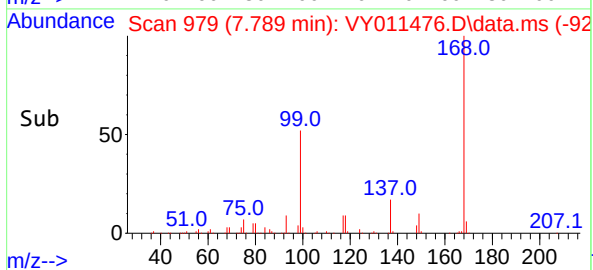
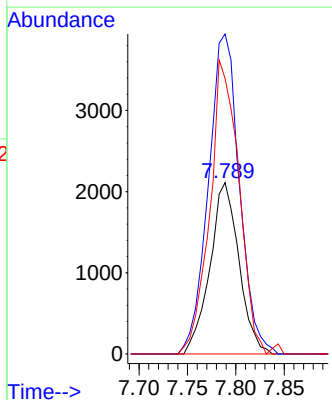
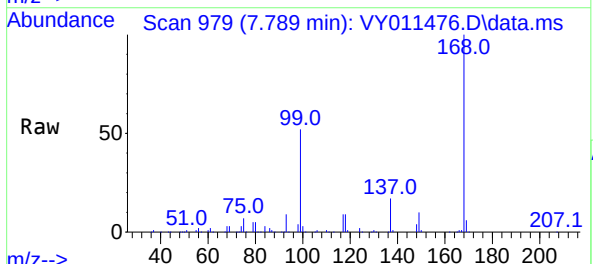


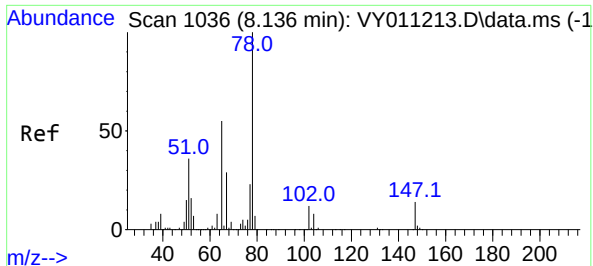
Tgt Ion: 84 Resp: 16454
Ion Ratio Lower Upper
84 100
49 96.5 114.4 171.6#
51 27.9 35.3 52.9#
86 60.9 53.7 80.5



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Tgt Ion: 56 Resp: 4403
Ion Ratio Lower Upper
56 100
69 186.7 26.7 40.1#
84 160.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.239 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011476.D

Acq: 16 Nov 2022 16:16

Instrument :

MSVOA_Y

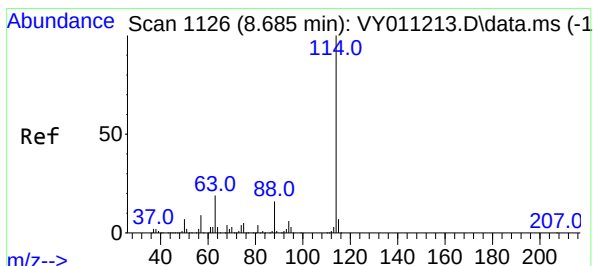
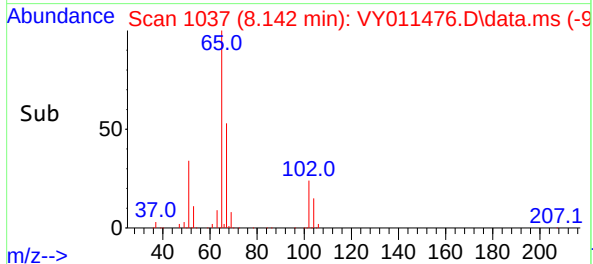
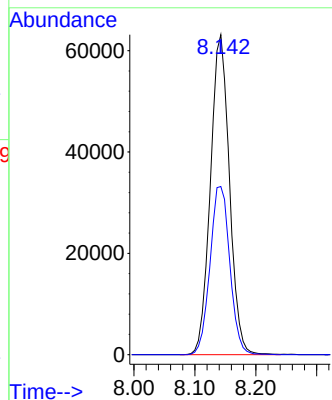
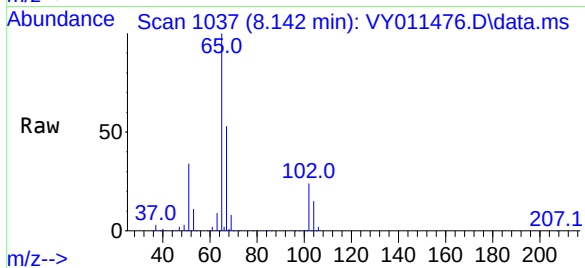
ClientSampleId :

Tgt Ion: 65 Resp: 136827

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011476.D

Acq: 16 Nov 2022 16:16

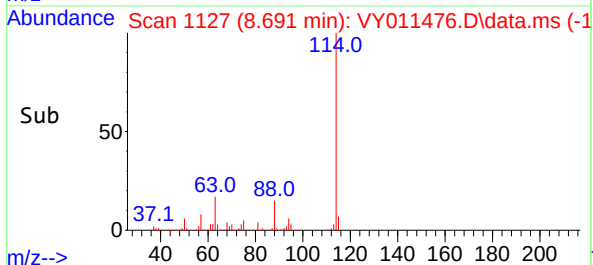
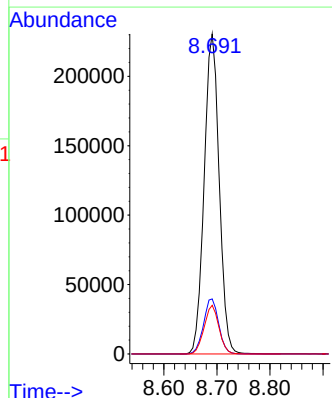
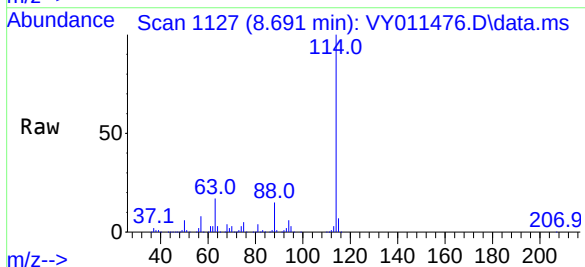
Tgt Ion: 114 Resp: 452270

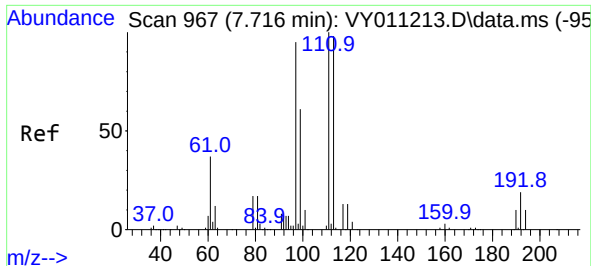
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

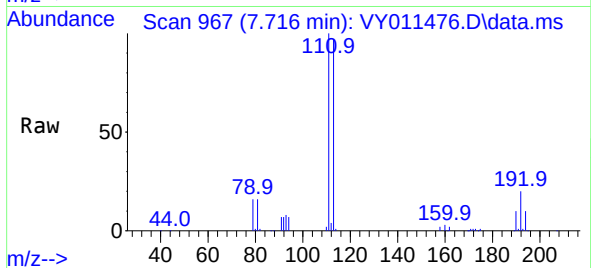
88 15.2 0.0 31.8



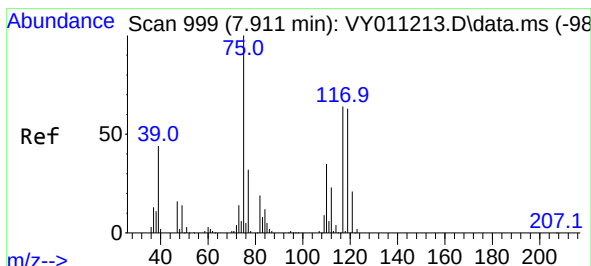
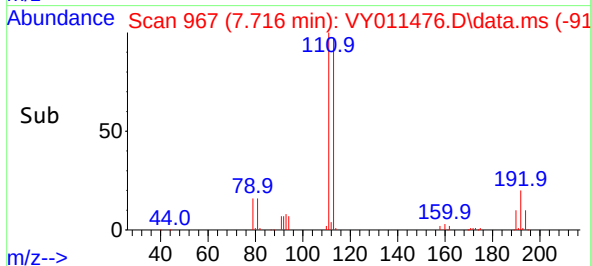
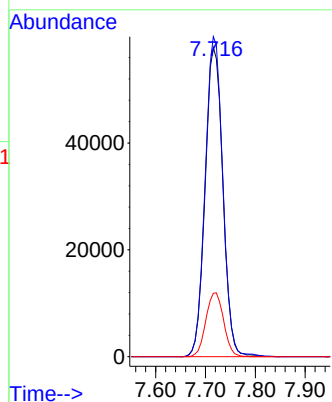


#35
Dibromofluoromethane
Concen: 56.345 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

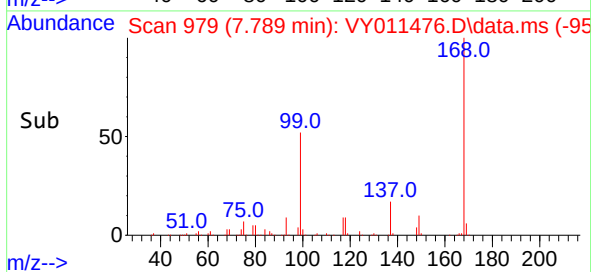
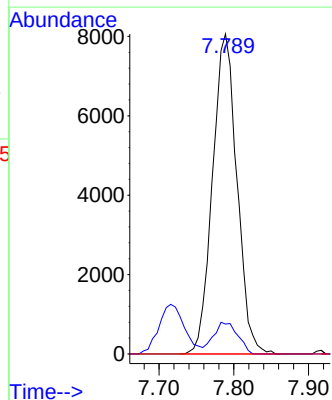
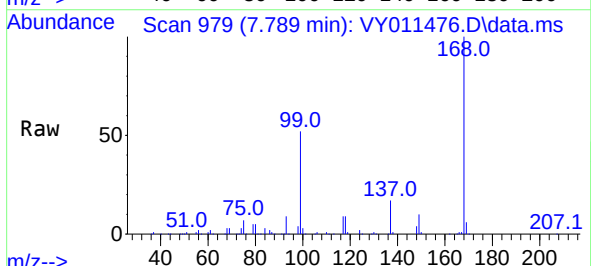


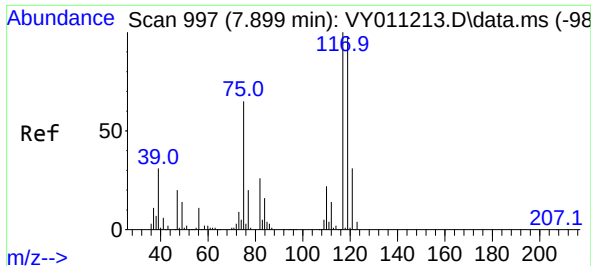
Tgt Ion:113 Resp: 142814
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

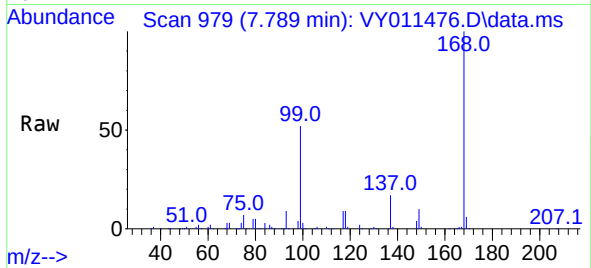
Tgt Ion: 75 Resp: 18288
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



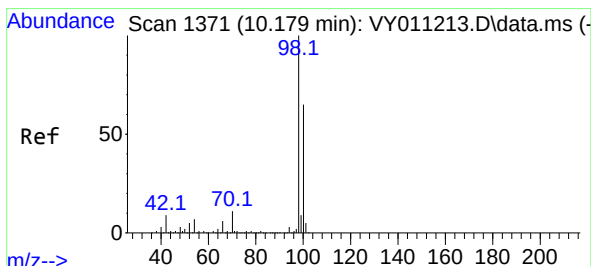
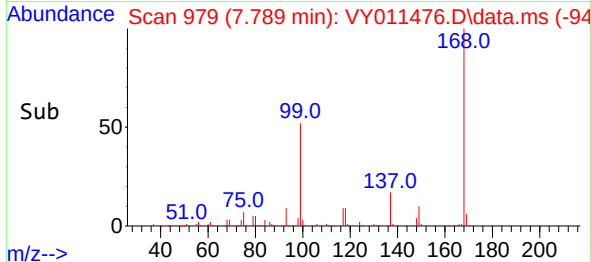
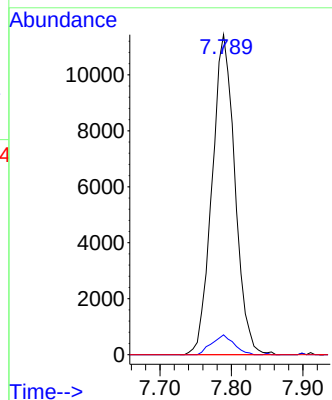


#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :

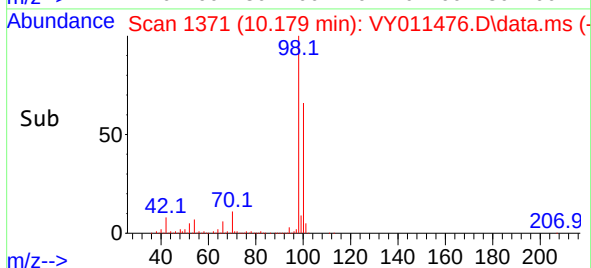
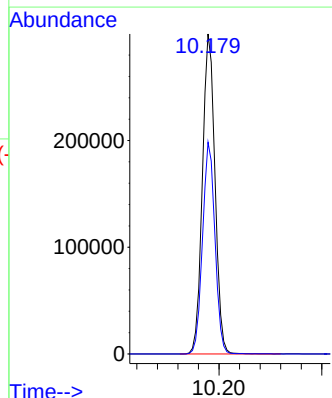
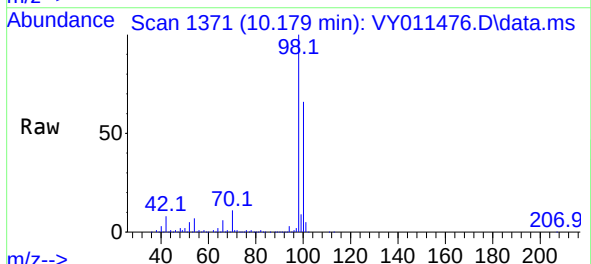


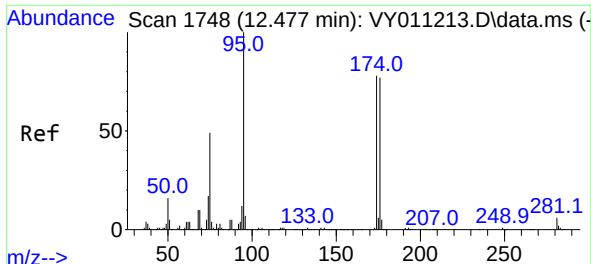
Tgt Ion:117 Resp: 25385
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Tgt Ion: 98 Resp: 507993
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

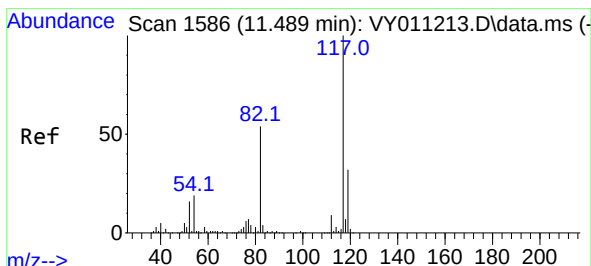
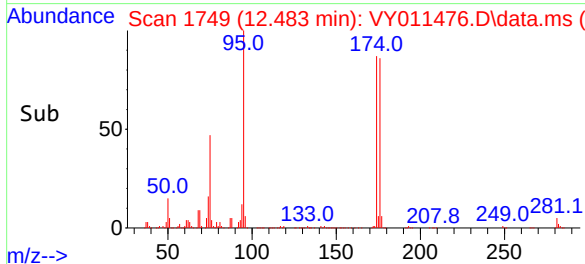
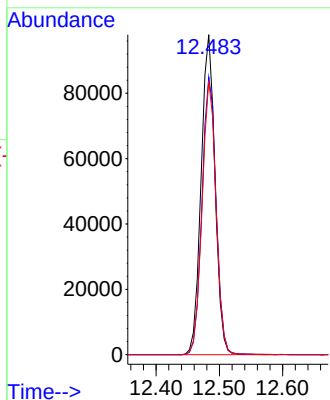
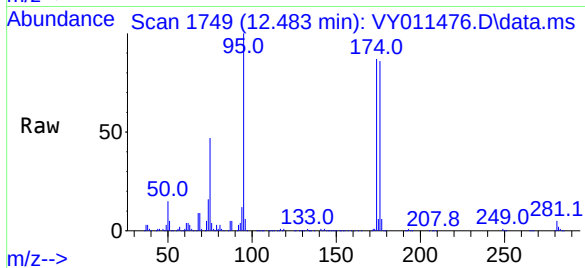




#62
4-Bromofluorobenzene
Concen: 44.445 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

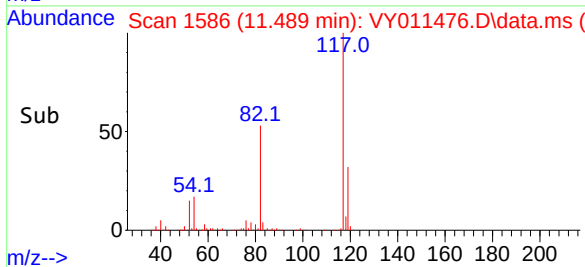
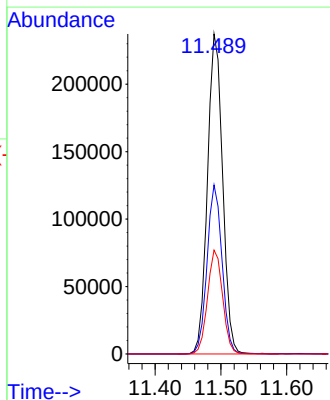
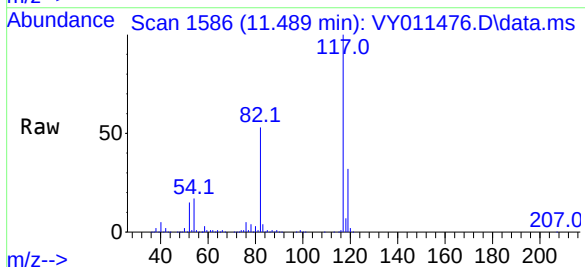
Instrument :
MSVOA_Y
ClientSampleId :

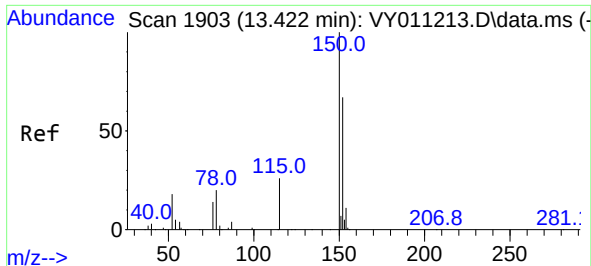
Tgt Ion: 95 Resp: 150105
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Tgt Ion: 117 Resp: 380763
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.4 25.4 38.0

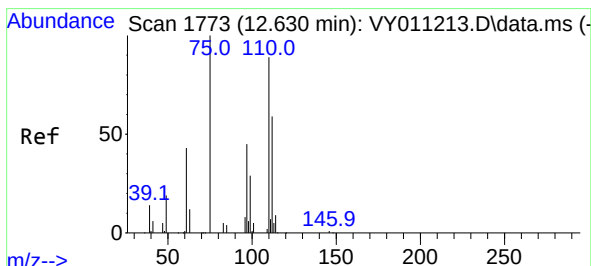
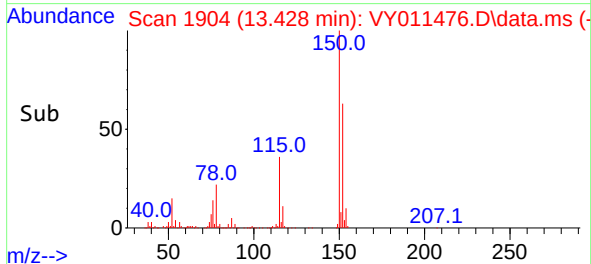
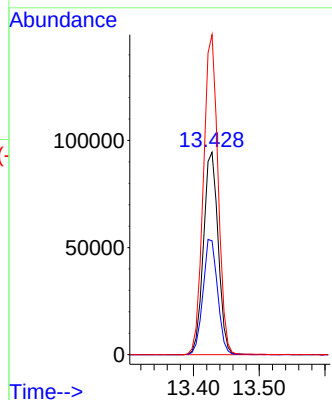
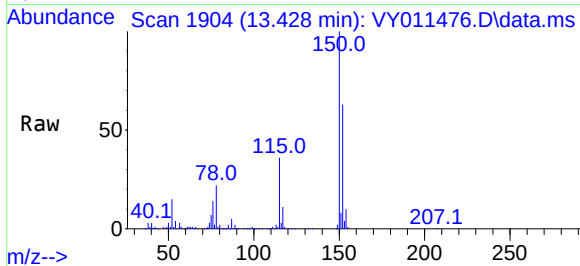




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

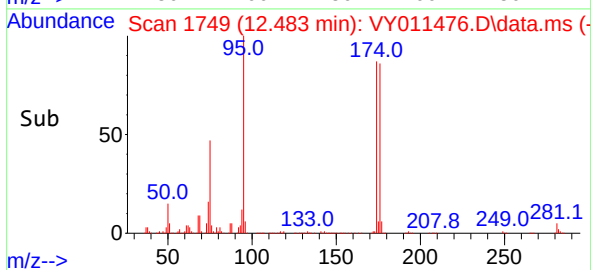
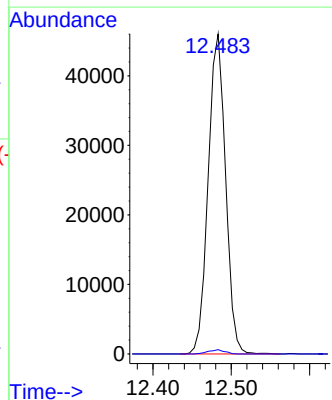
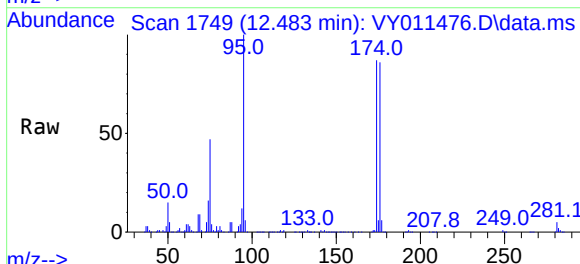
Instrument :
MSVOA_Y
ClientSampleId :

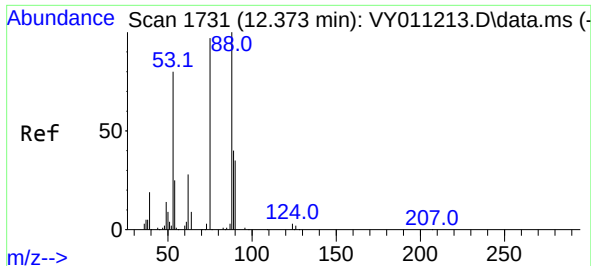
Tgt Ion:152 Resp: 147202
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 41.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

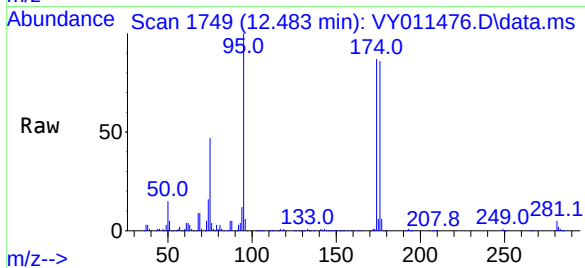
Tgt Ion: 75 Resp: 70816
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



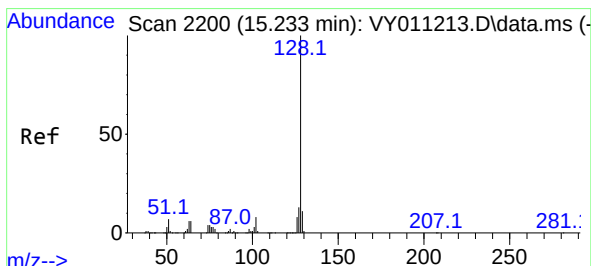
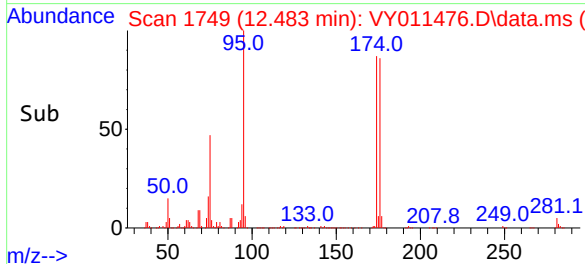
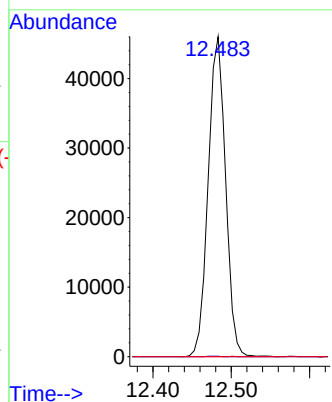


#81
trans-1,4-Dichloro-2-butene
Concen: 99.900 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 70816
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.320 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011476.D
Acq: 16 Nov 2022 16:16

Tgt Ion: 128 Resp: 268
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

