

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011111.D
 Acq On : 26 Oct 2022 13:19
 Operator : KP/MD
 Sample : N5268-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-102422RE

Quant Time: Oct 27 04:38:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

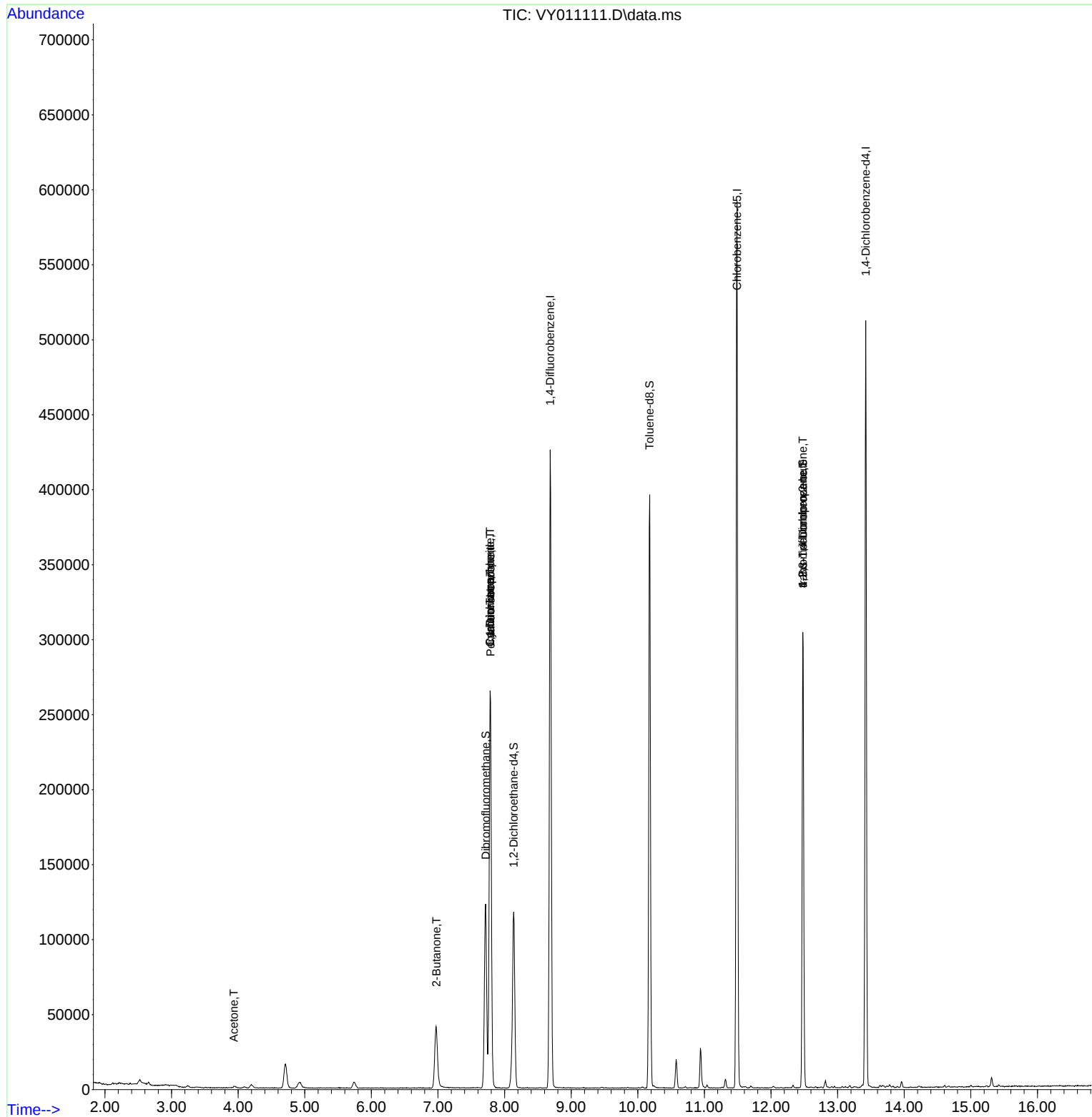
Internal Standards						
1) Pentafluorobenzene	7.789	168	207729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85980	44.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.860%		
35) Dibromofluoromethane	7.716	113	89395	43.291	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.580%		
50) Toluene-d8	10.179	98	269740	35.106	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	70.220%		
62) 4-Bromofluorobenzene	12.477	95	94270	33.630	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	67.260%		
Target Compounds						
11) Tert butyl alcohol	4.924	59	2633	Below Cal	#	79
16) Acetone	3.936	43	2047	3.684	ug/l	97
18) Methyl Acetate	4.485	43	27	Below Cal	#	56
20) Methylene Chloride	4.704	84	12667	Below Cal	#	82
25) 2-Butanone	6.978	43	2554	3.031	ug/l	96
31) Cyclohexane	7.783	56	4041	1.104	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15885	4.637	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	20325	5.748	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	46761	30.949	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	46761	66.563	ug/l	# 7

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

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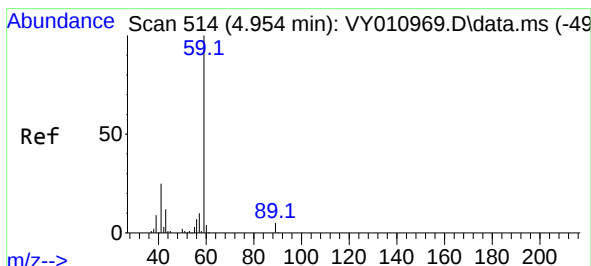
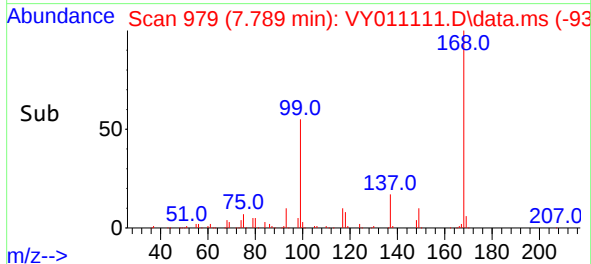
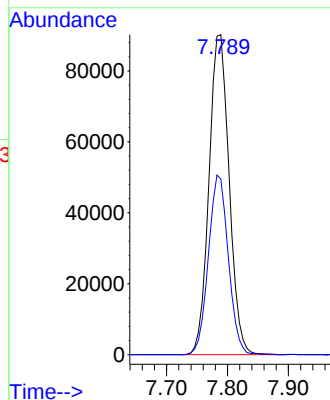
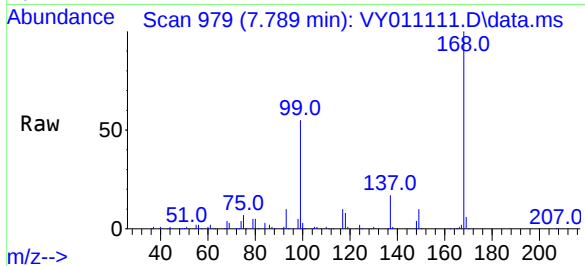




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

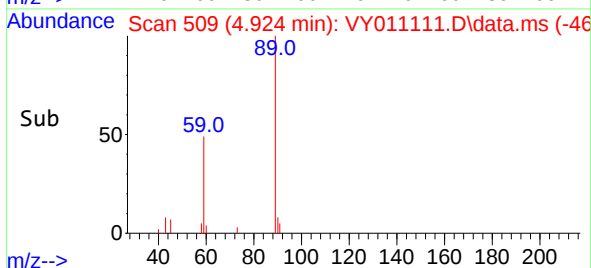
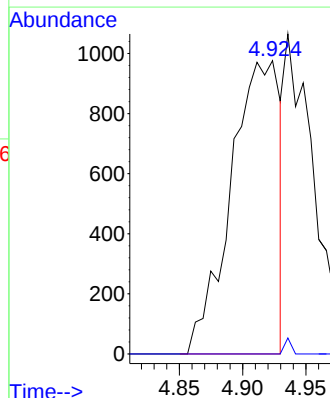
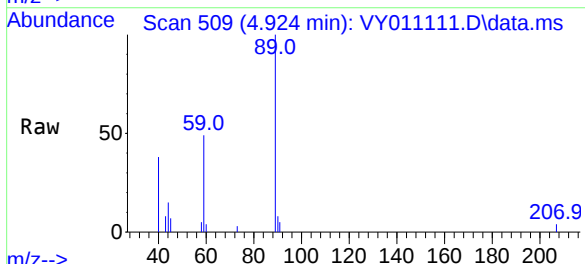
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

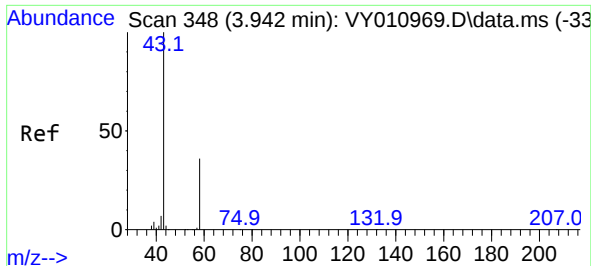
Tgt Ion:168 Resp: 207729
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 59 Resp: 2633
Ion Ratio Lower Upper
59 100
57 0.7 6.4 9.6#

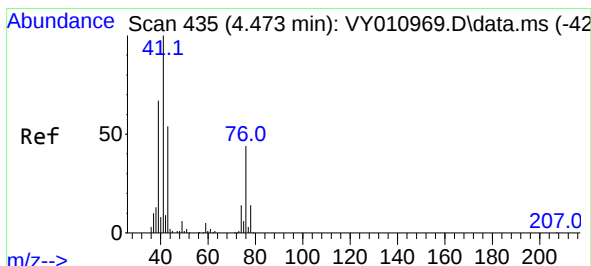
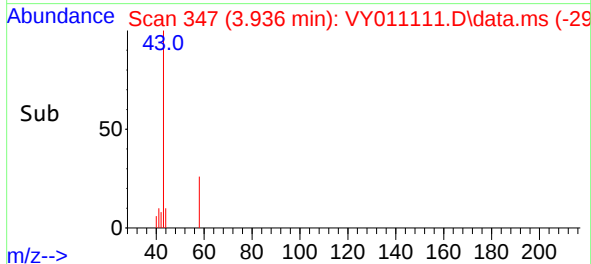
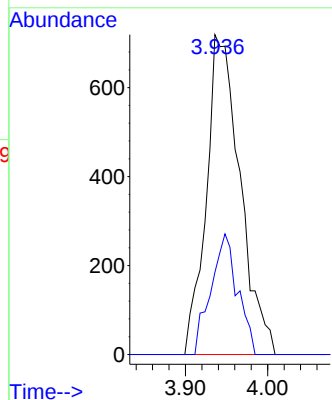
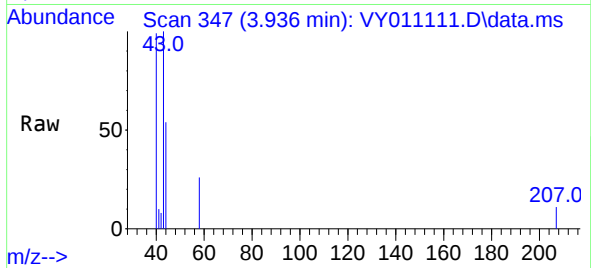




#16
Acetone
Concen: 3.684 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

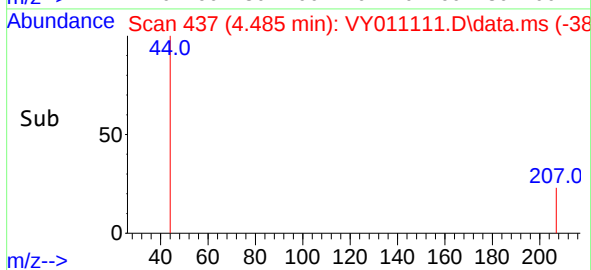
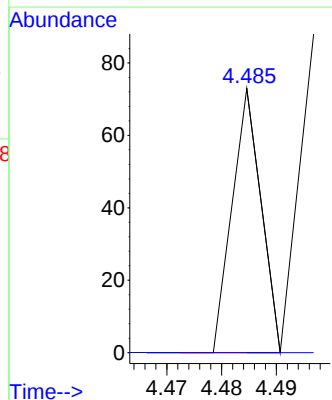
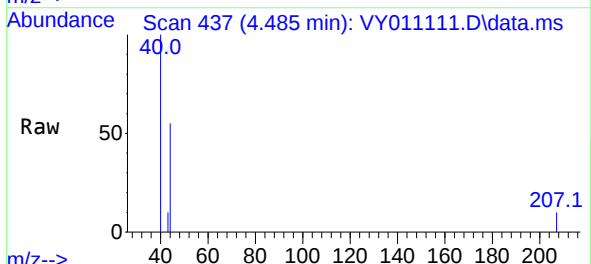
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

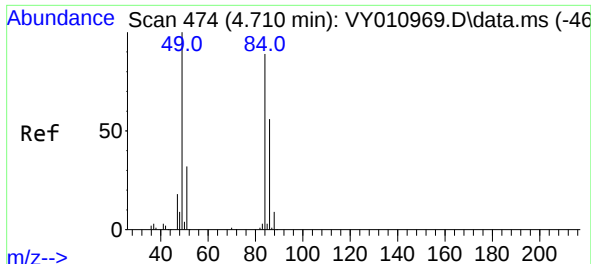
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
58 25.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

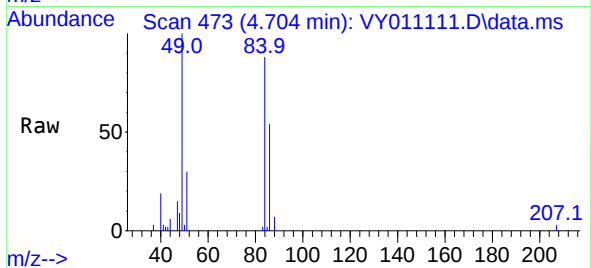
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



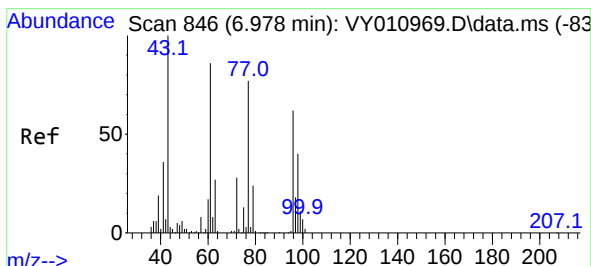
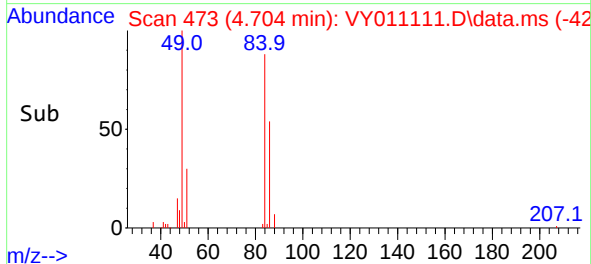
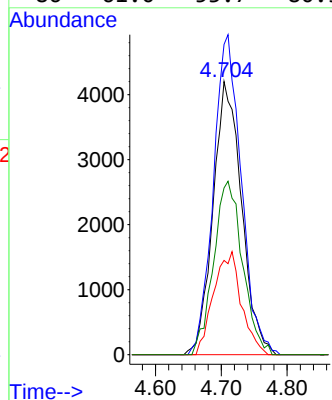


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

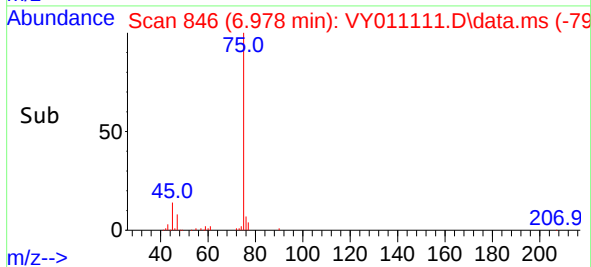
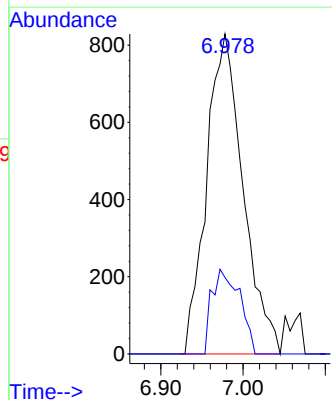
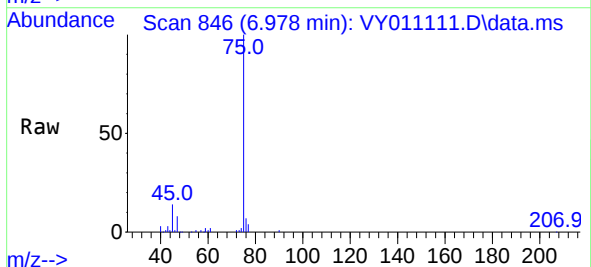


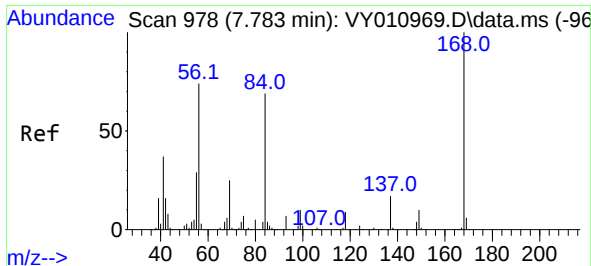
Tgt Ion: 84 Resp: 12667
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 34.5 35.3 52.9#
86 61.0 53.7 80.5



#25
2-Butanone
Concen: 3.031 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
72 23.9 17.7 26.5

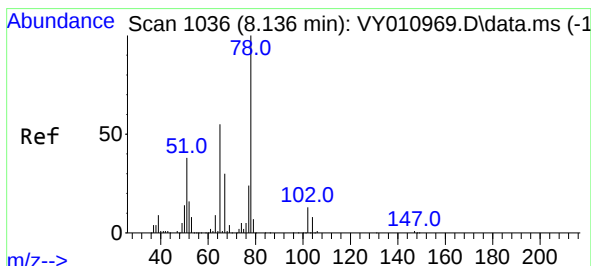
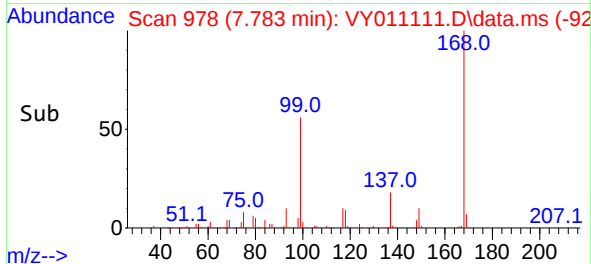
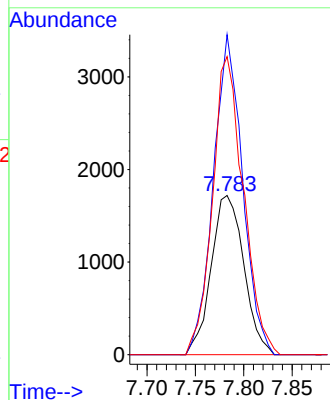
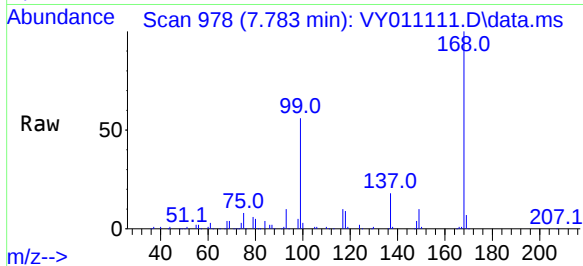




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

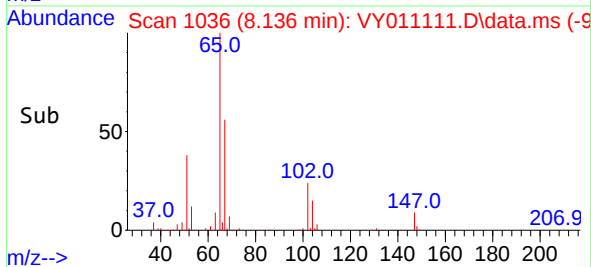
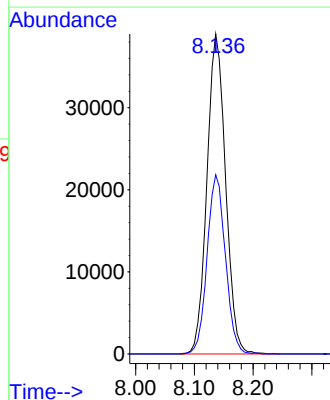
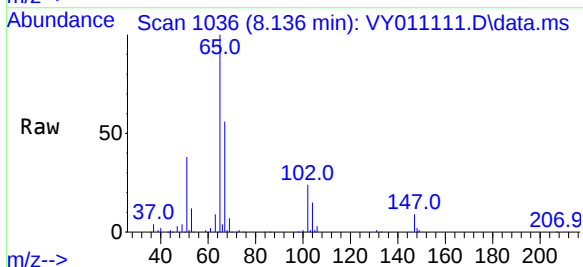
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

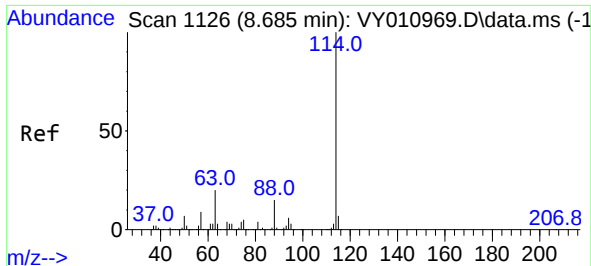
Tgt Ion: 56 Resp: 4041
Ion Ratio Lower Upper
56 100
69 200.9 26.7 40.1#
84 187.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.934 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 65 Resp: 85980
Ion Ratio Lower Upper
65 100
67 55.0 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: VY011111.D

Acq: 26 Oct 2022 13:19

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-102422RE

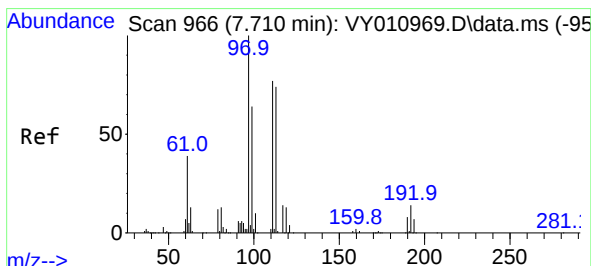
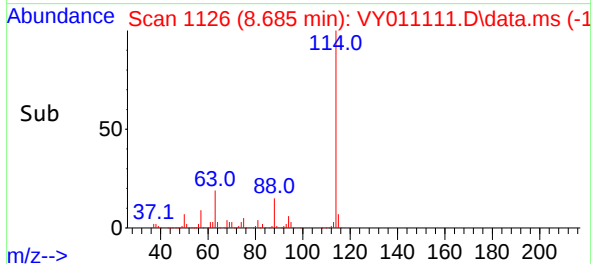
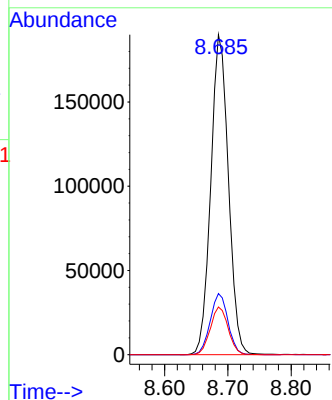
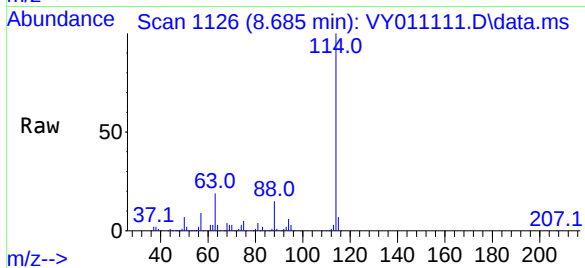
Tgt Ion:114 Resp: 367992

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.291 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011111.D

Acq: 26 Oct 2022 13:19

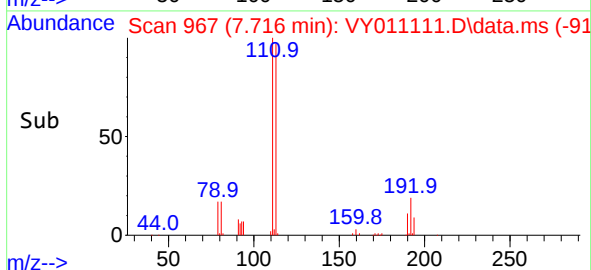
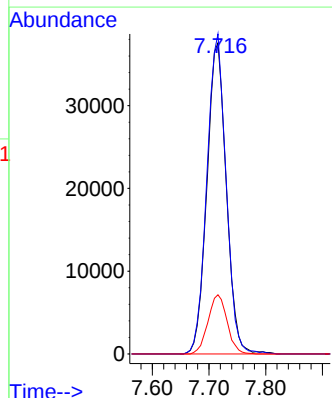
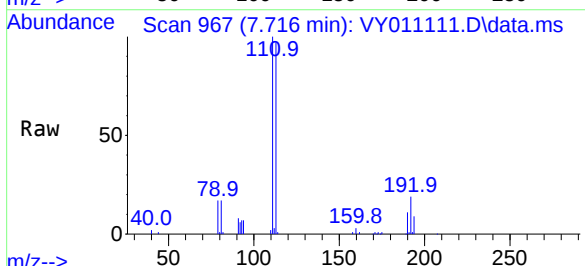
Tgt Ion:113 Resp: 89395

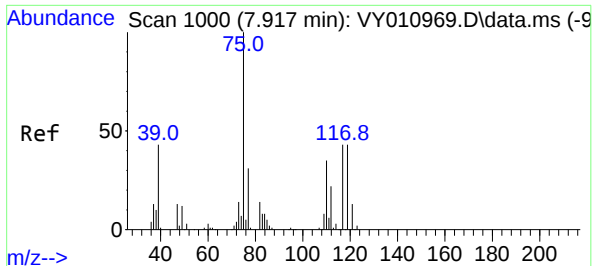
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.7 17.6 26.4

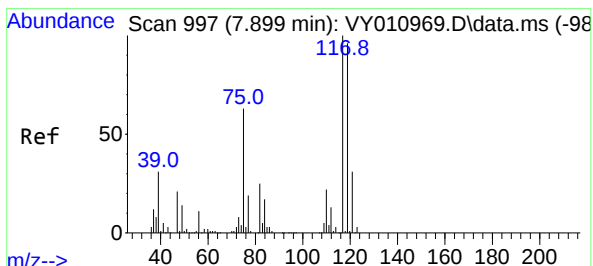
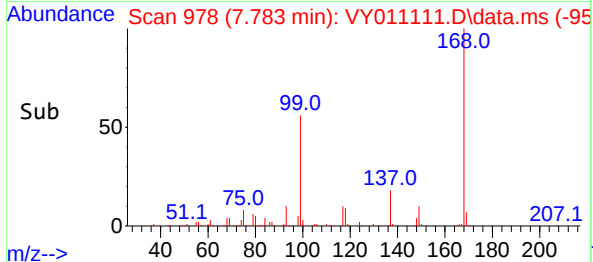
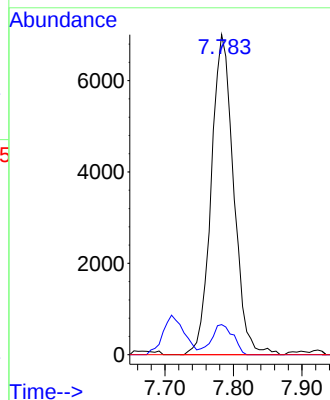
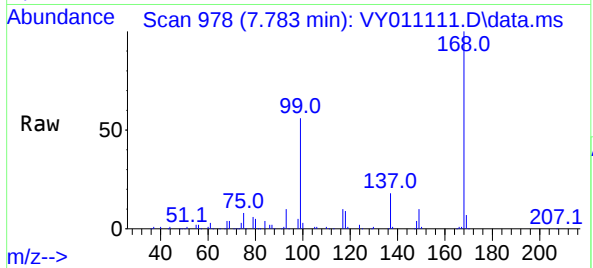




#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

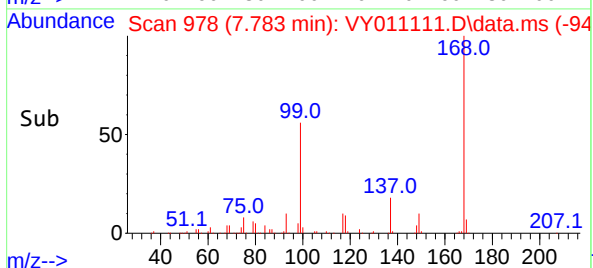
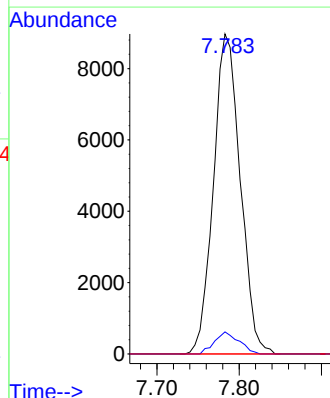
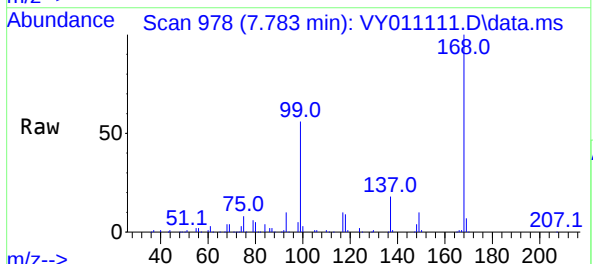
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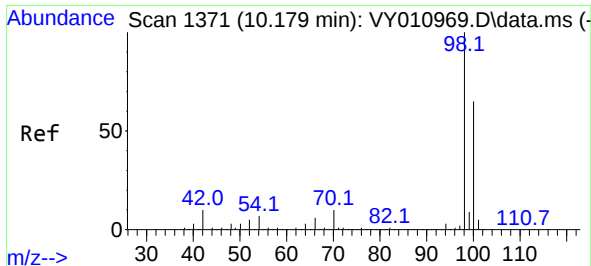
Tgt Ion: 75 Resp: 15885
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 117 Resp: 20325
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#

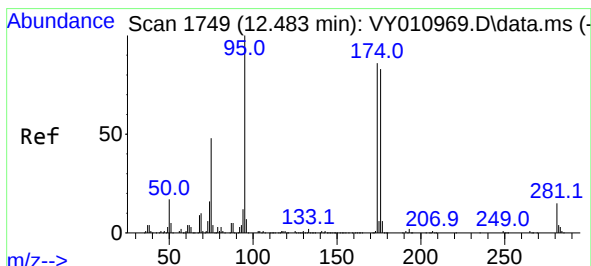
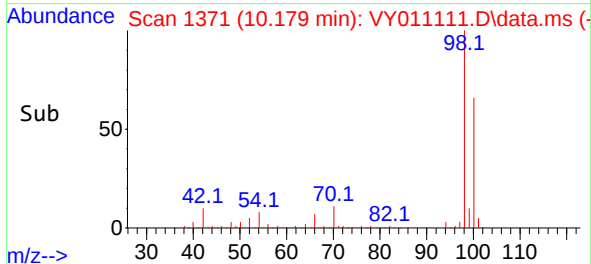
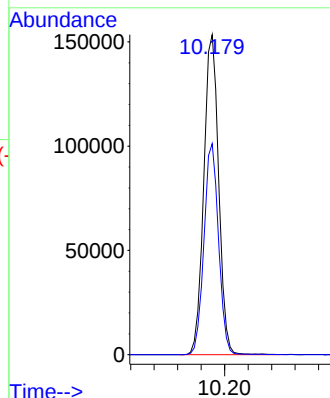
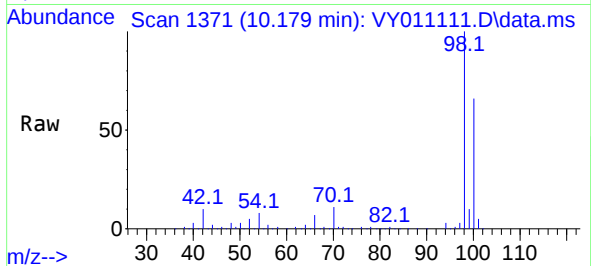




#50
Toluene-d8
Concen: 35.106 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

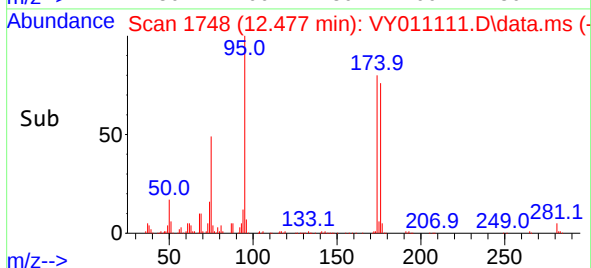
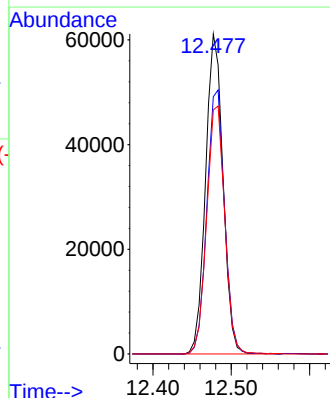
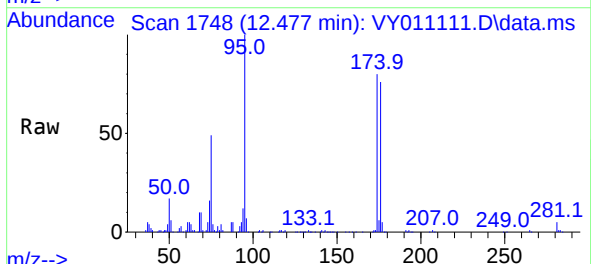
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

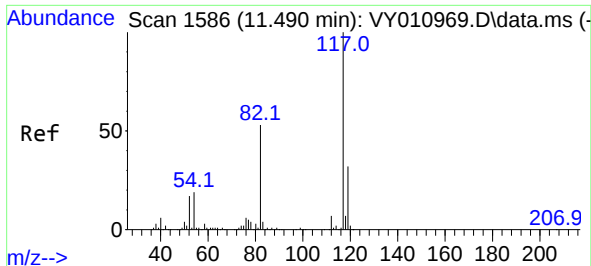
Tgt Ion: 98 Resp: 269740
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.630 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 95 Resp: 94270
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.3 0.0 175.8

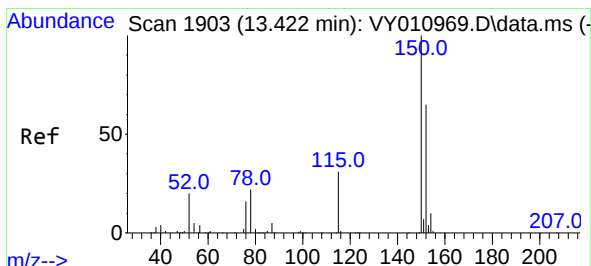
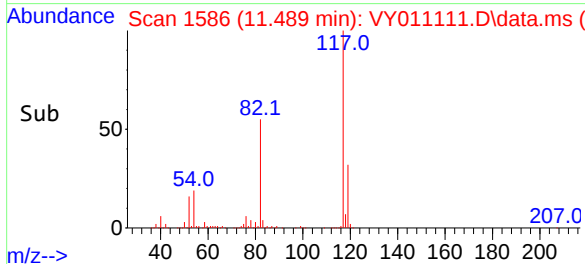
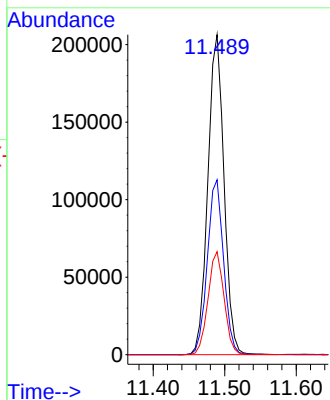
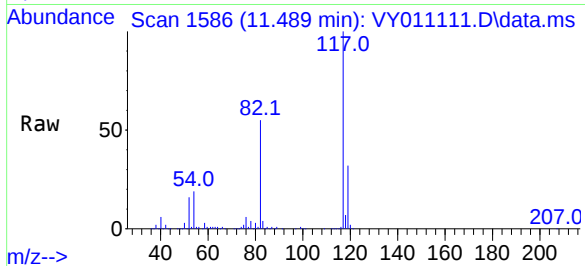




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

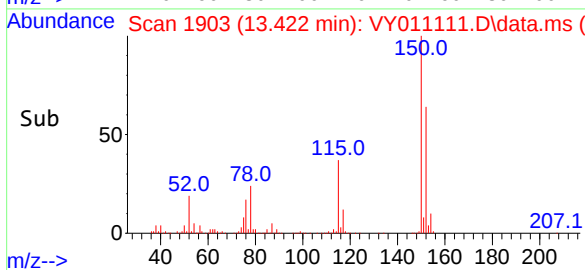
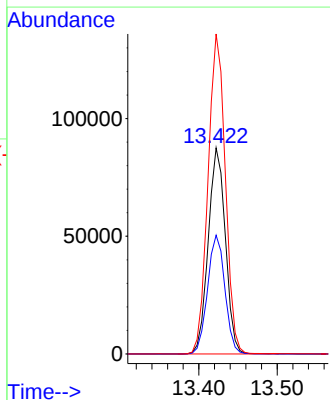
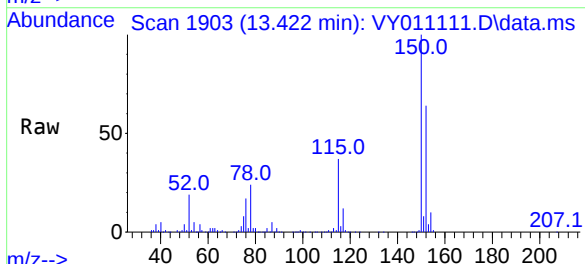
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

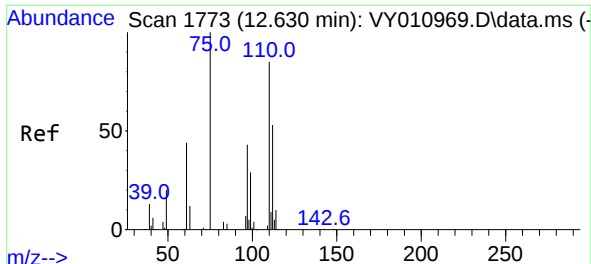
Tgt Ion:117 Resp: 323825
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion:152 Resp: 133082
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 156.5 0.0 347.6

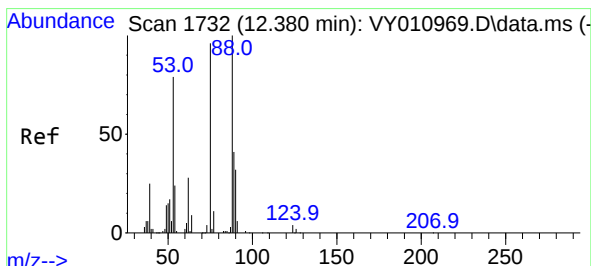
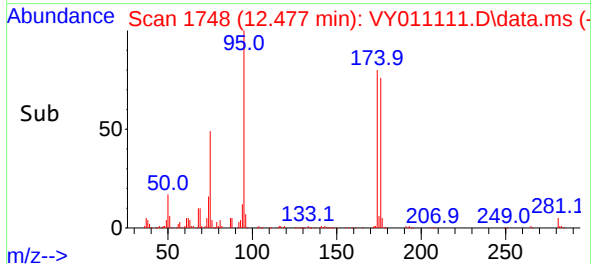
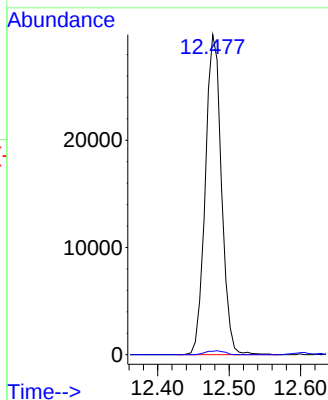
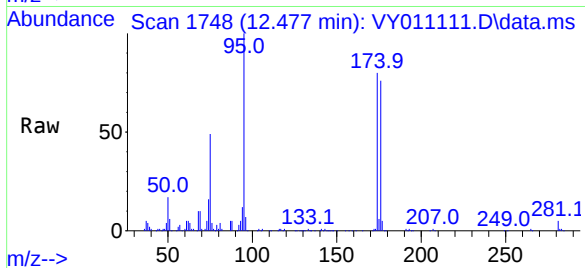




#76
1,2,3-Trichloropropane
Concen: 30.949 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-102422RE

Tgt Ion: 75 Resp: 46761
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.563 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011111.D
Acq: 26 Oct 2022 13:19

Tgt Ion: 75 Resp: 46761
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

