

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011121.D
 Acq On : 26 Oct 2022 17:05
 Operator : KP/MD
 Sample : N5281-10
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Oct 27 04:40:10 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)

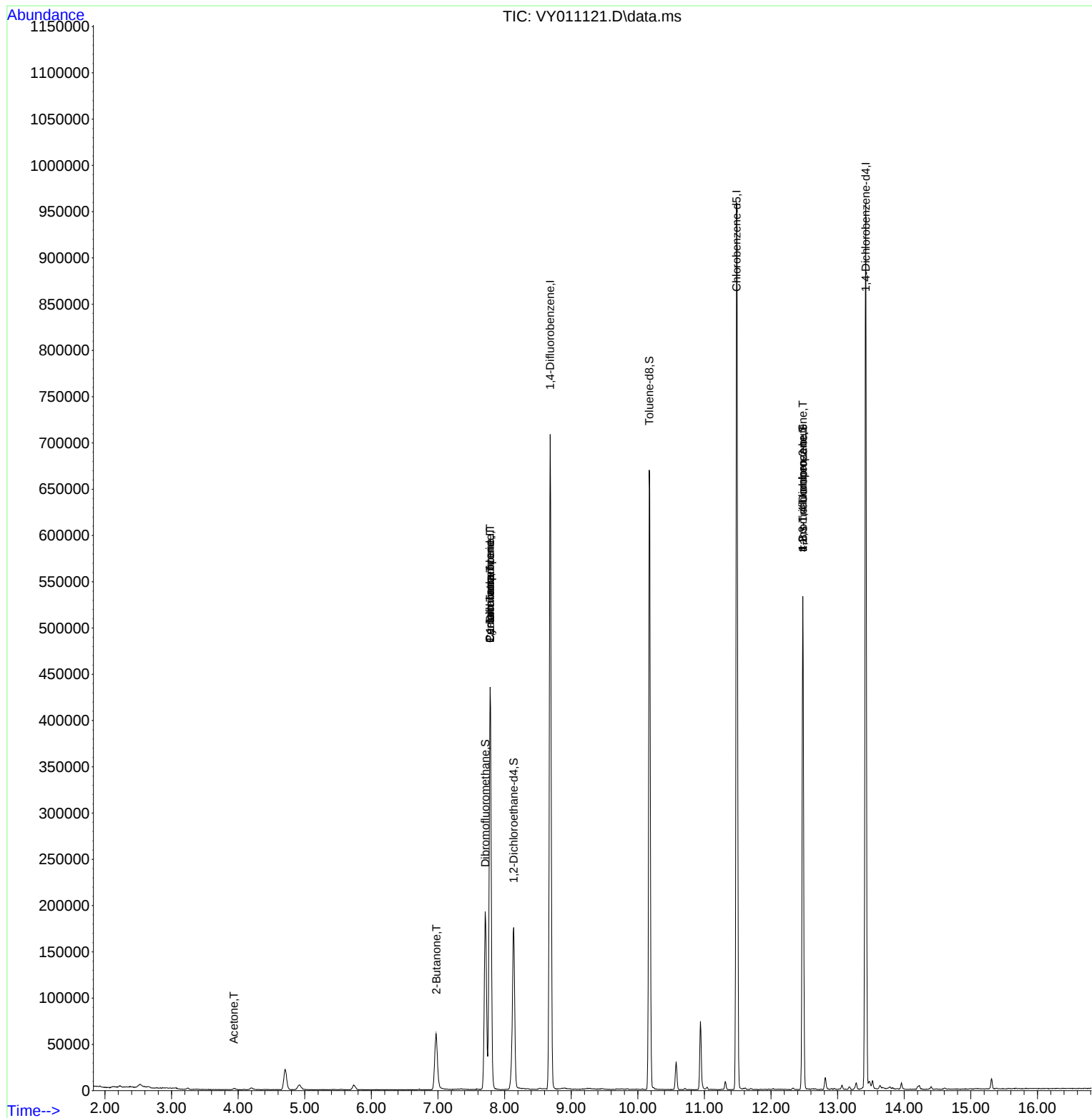
Internal Standards						
1) Pentafluorobenzene	7.783	168	332985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	603834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	537097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	245258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127798	41.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.320%
35) Dibromofluoromethane	7.710	113	137869	40.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.100%
50) Toluene-d8	10.173	98	444049	35.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.440%
62) 4-Bromofluorobenzene	12.477	95	160050	34.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5865	Below Cal	#	77
16) Acetone	3.936	43	2450	2.751	ug/l #	81
18) Methyl Acetate	4.704	43	92	Below Cal	#	56
20) Methylene Chloride	4.704	84	16683	Below Cal	#	80
25) 2-Butanone	6.978	43	3926	2.906	ug/l #	86
31) Cyclohexane	7.783	56	6449	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	26094	4.642	ug/l #	50
38) Carbon Tetrachloride	7.783	117	33664	5.802	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	80240	28.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80240	61.977	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
Data File : VY011121.D
Acq On : 26 Oct 2022 17:05
Operator : KP/MD
Sample : N5281-10
Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-10

Quant Time: Oct 27 04:40:10 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

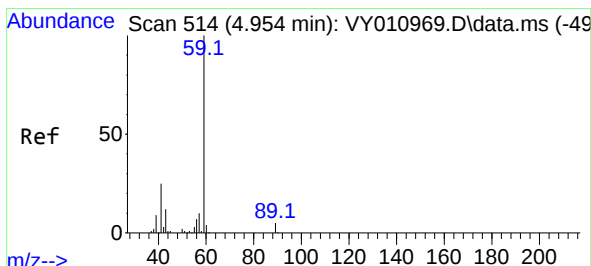
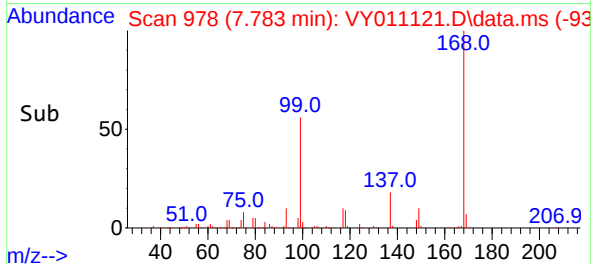
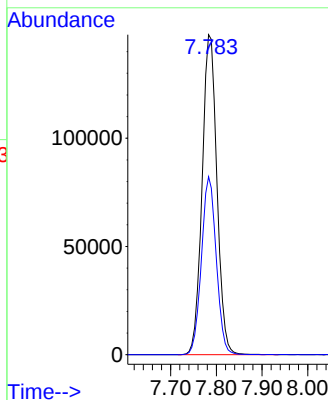
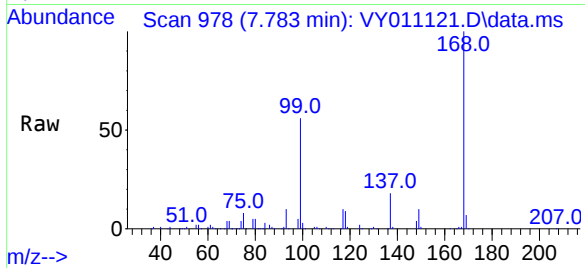




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

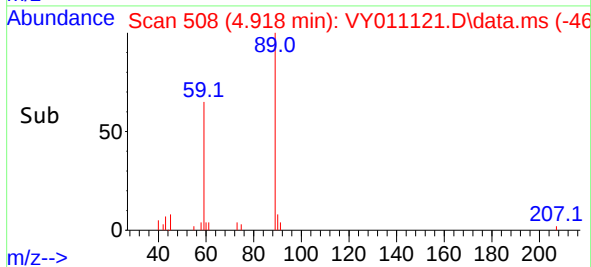
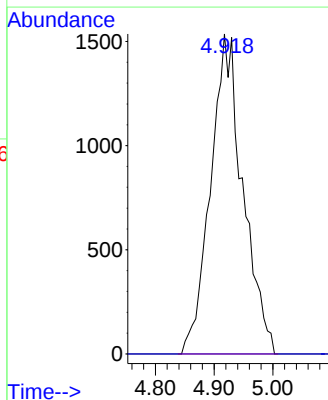
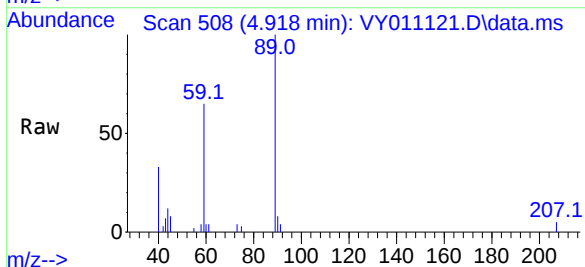
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

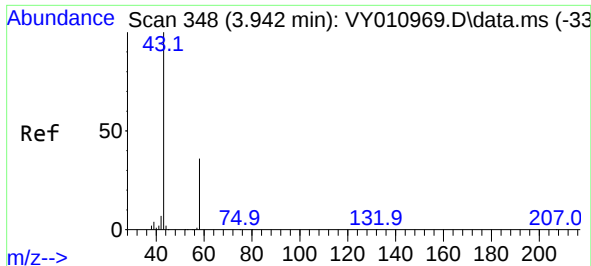
Tgt Ion:168 Resp: 332985
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.036 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 59 Resp: 5865
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

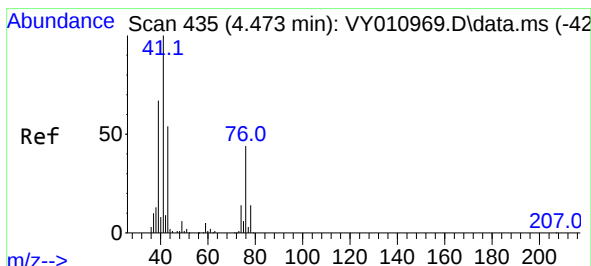
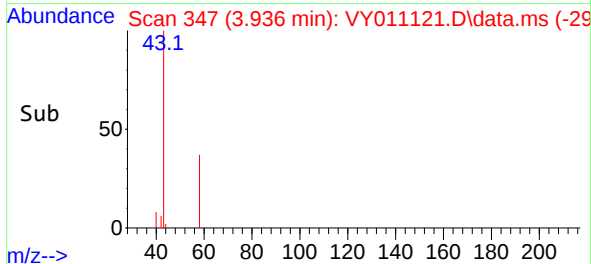
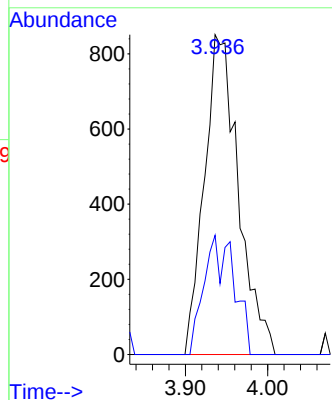
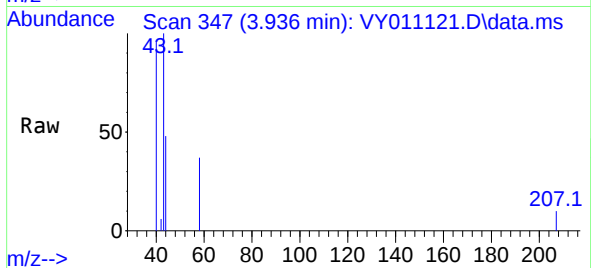




#16
Acetone
Concen: 2.751 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

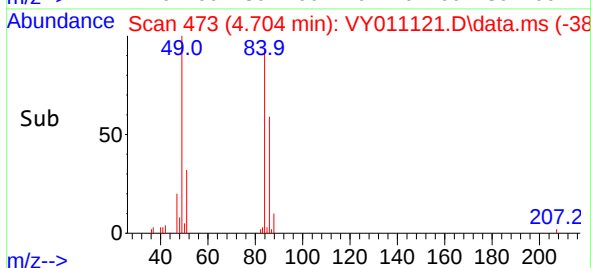
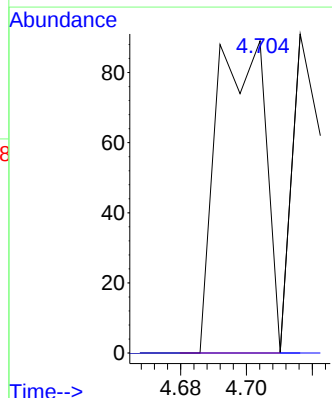
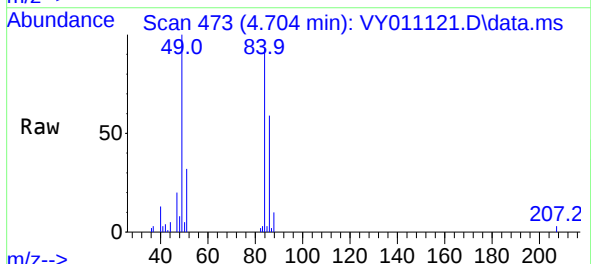
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

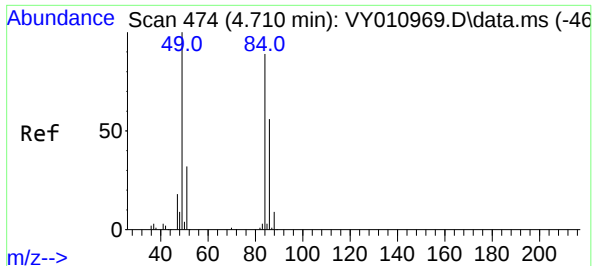
Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
58 37.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.231 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

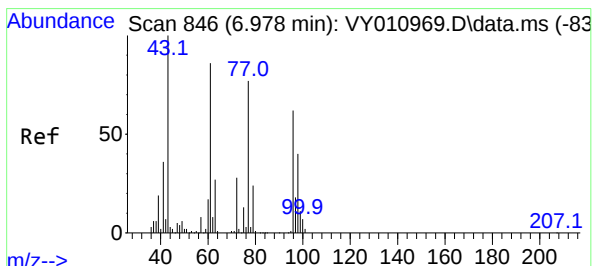
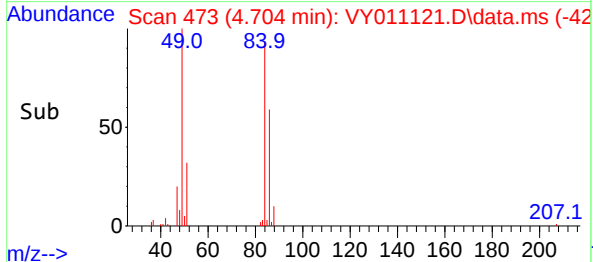
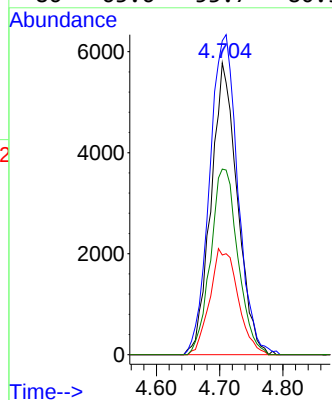
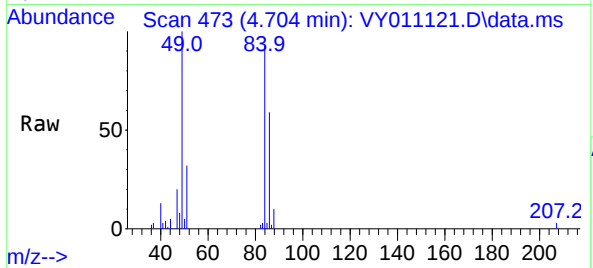




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

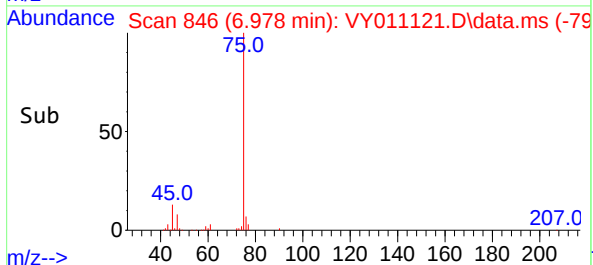
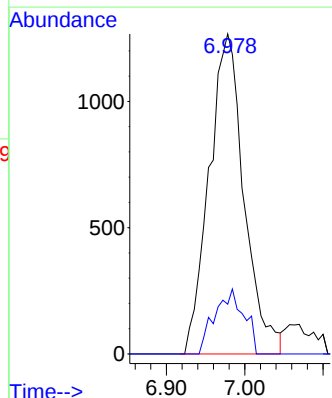
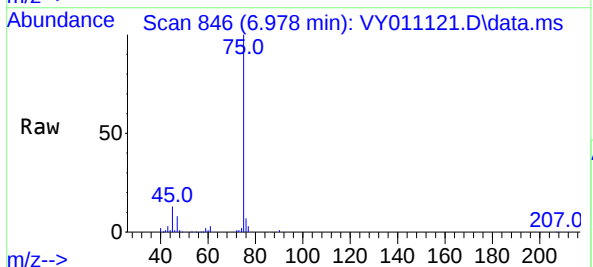
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

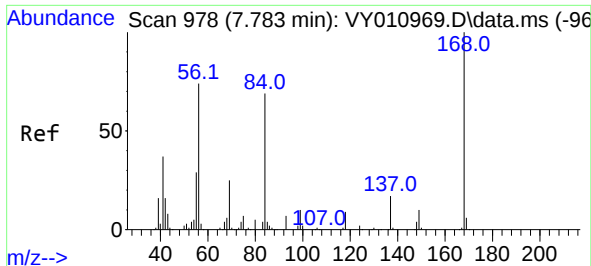
Tgt Ion: 84 Resp: 16683
Ion Ratio Lower Upper
84 100
49 107.6 114.4 171.6#
51 34.1 35.3 52.9#
86 63.6 53.7 80.5



#25
2-Butanone
Concen: 2.906 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 43 Resp: 3926
Ion Ratio Lower Upper
43 100
72 15.5 17.7 26.5#

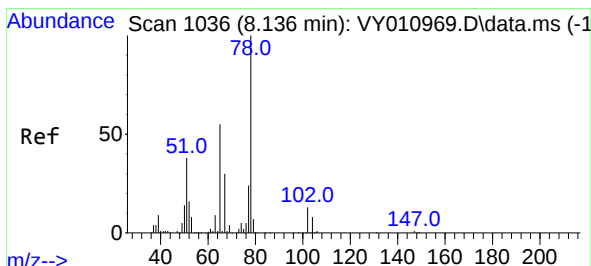
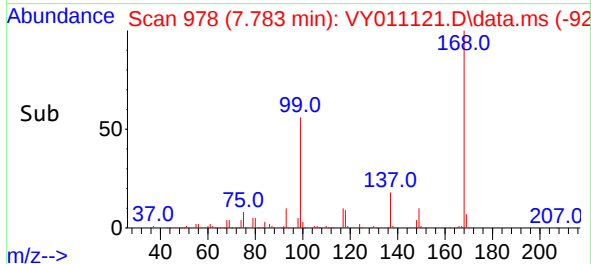
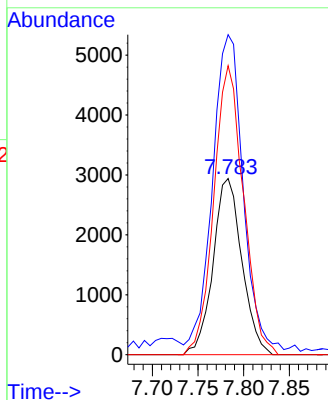
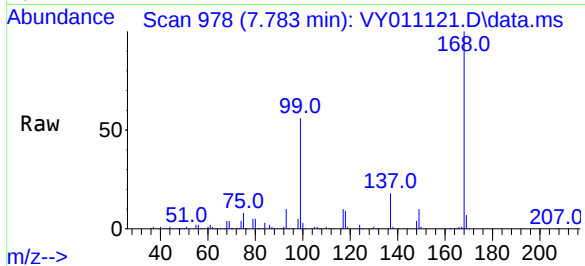




#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

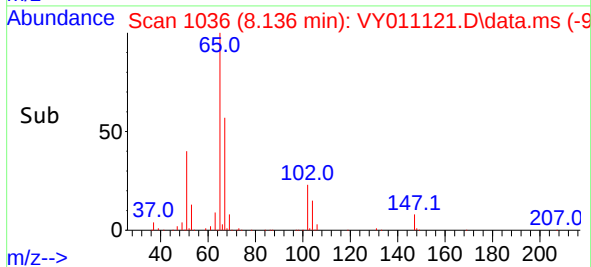
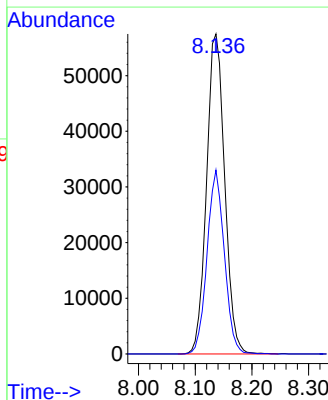
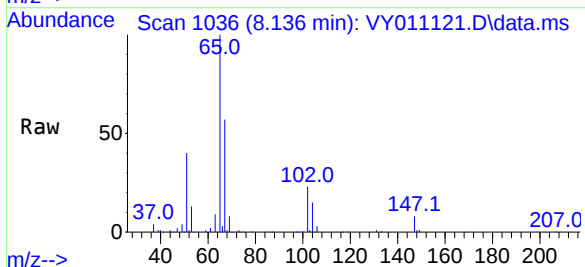
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

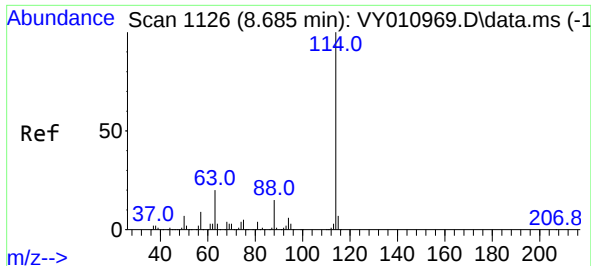
Tgt Ion: 56 Resp: 6449
Ion Ratio Lower Upper
56 100
69 175.1 26.7 40.1#
84 164.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 41.665 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 65 Resp: 127798
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4



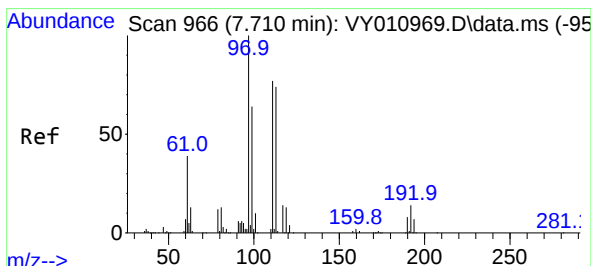
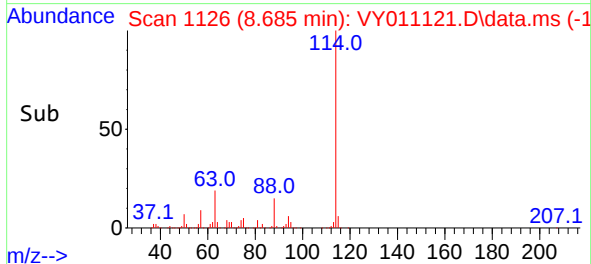
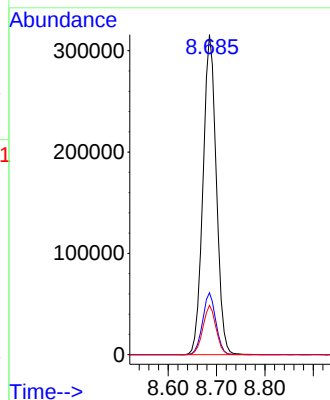
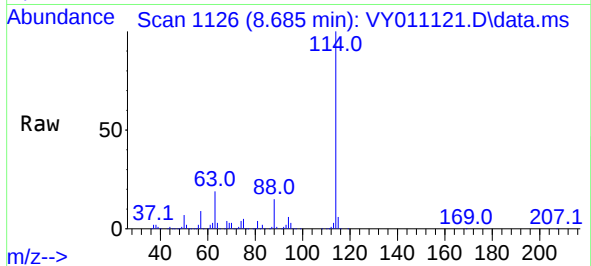


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-10

Tgt Ion:114 Resp: 603834

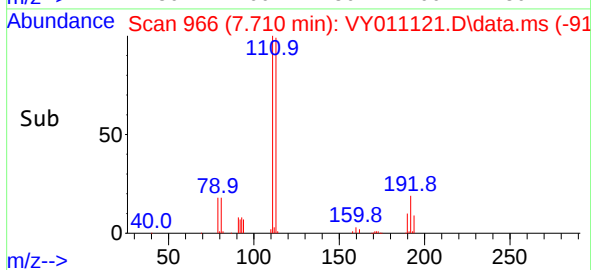
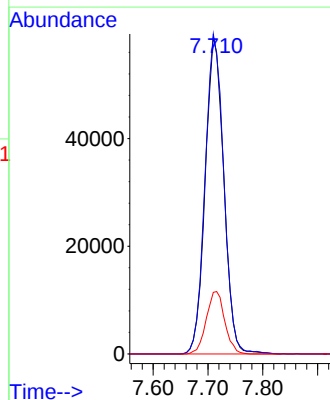
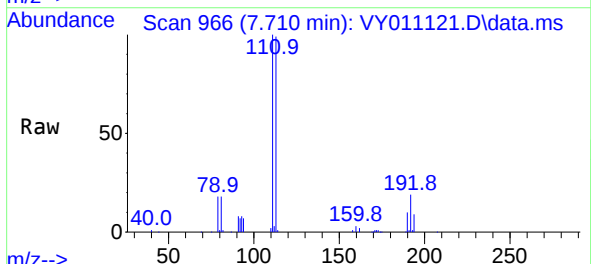
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.4	0.0	31.8

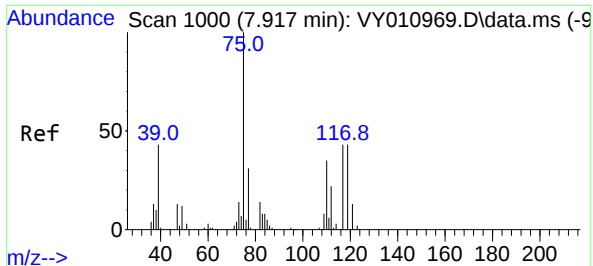


#35
Dibromofluoromethane
Concen: 40.553 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion:113 Resp: 137869

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.6	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.642 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011121.D

Acq: 26 Oct 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-10

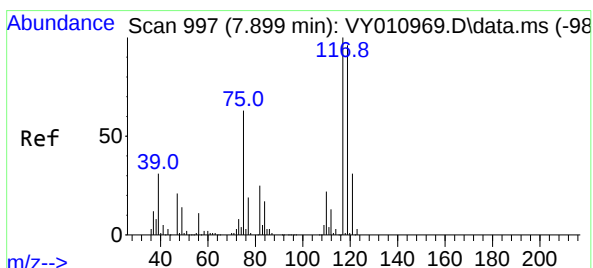
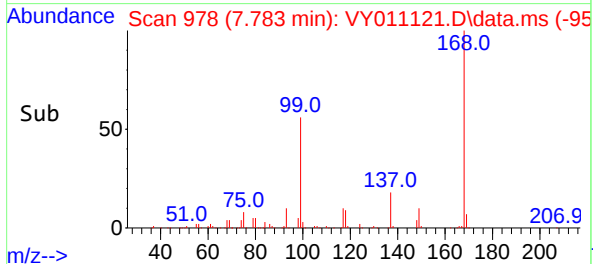
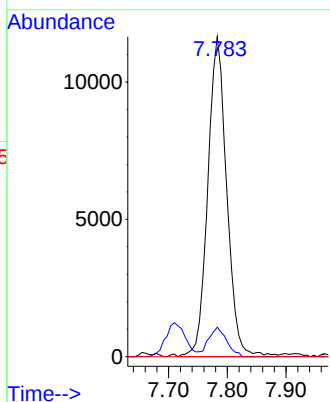
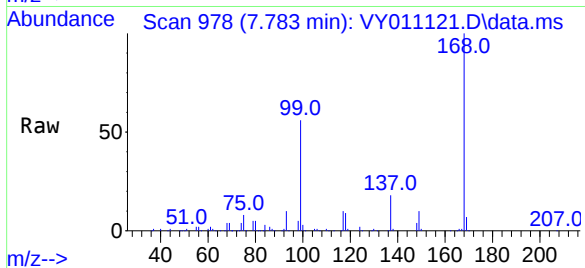
Tgt Ion: 75 Resp: 26094

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.802 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011121.D

Acq: 26 Oct 2022 17:05

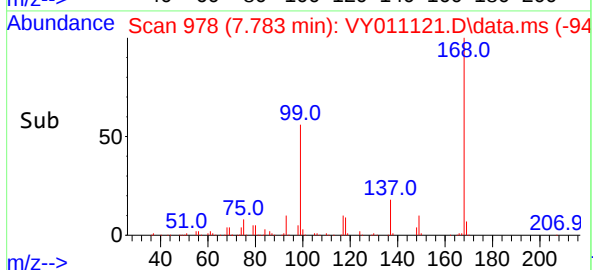
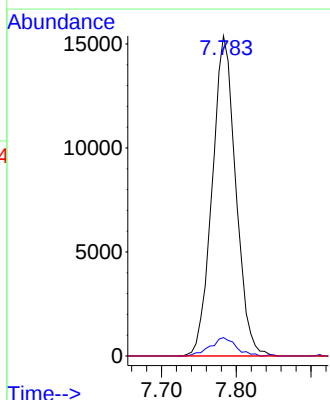
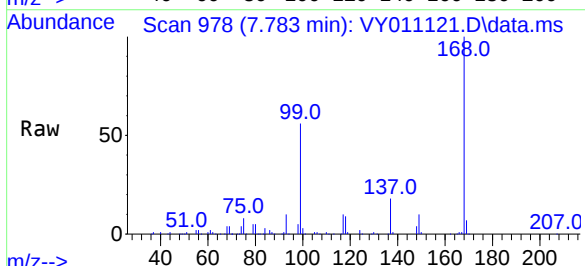
Tgt Ion: 117 Resp: 33664

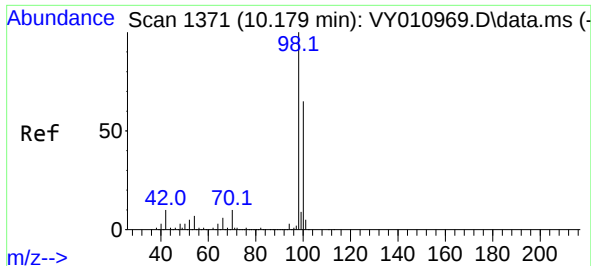
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

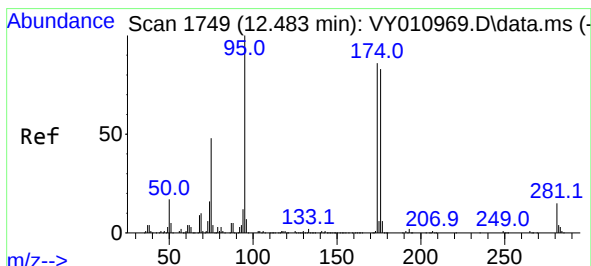
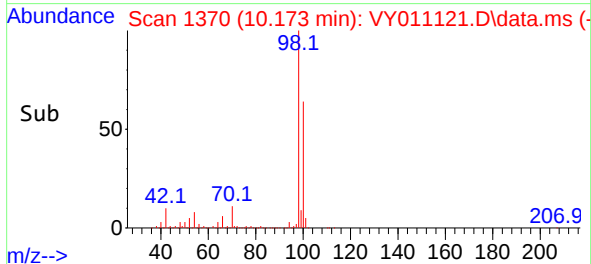
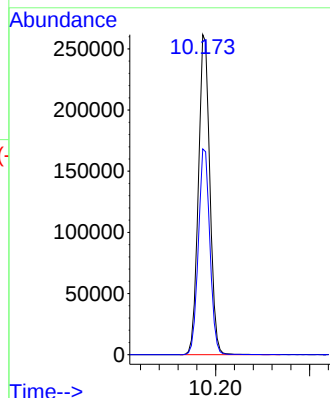
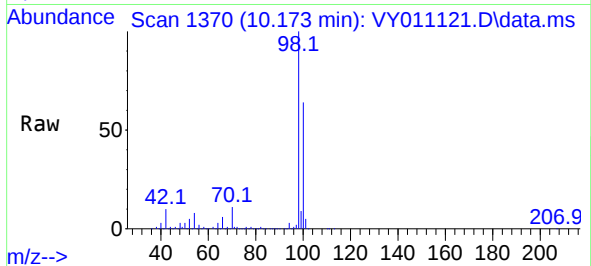




#50
Toluene-d8
Concen: 35.219 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

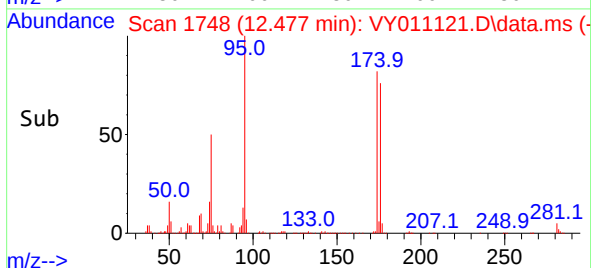
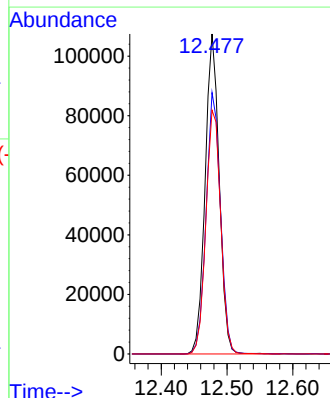
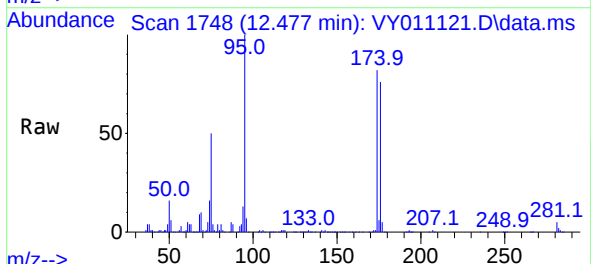
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

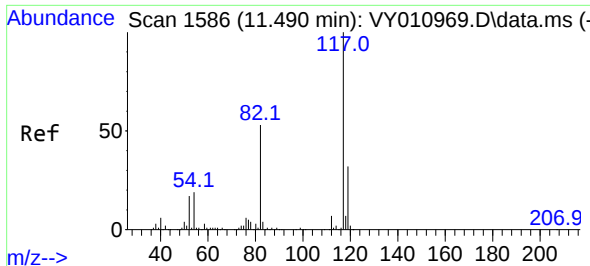
Tgt Ion: 98 Resp: 444049
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.909 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 95 Resp: 160050
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.2 0.0 175.8

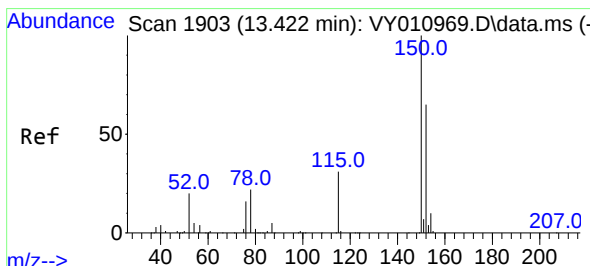
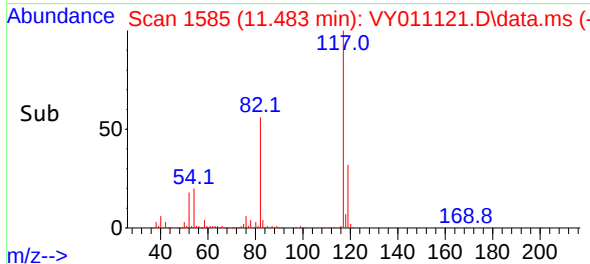
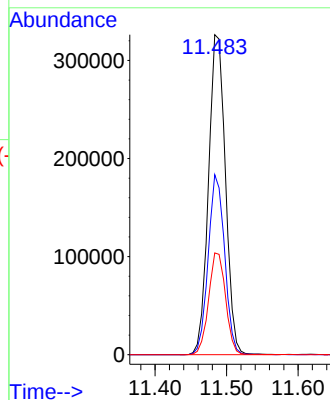
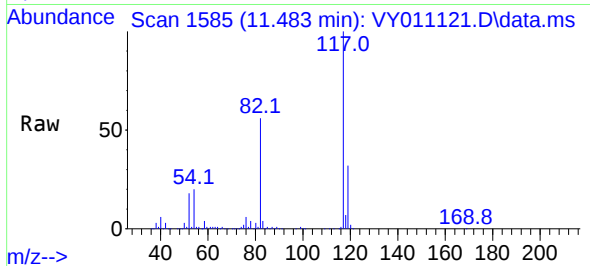




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

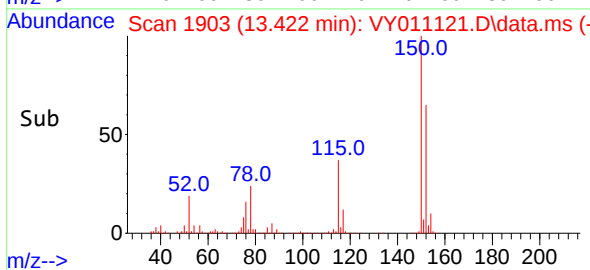
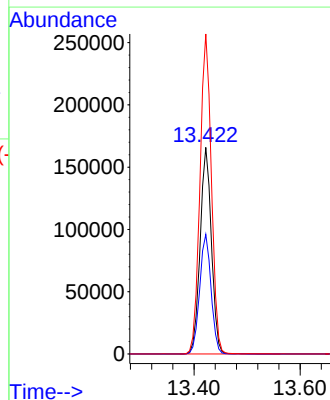
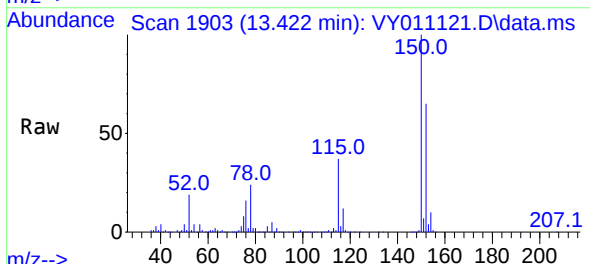
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

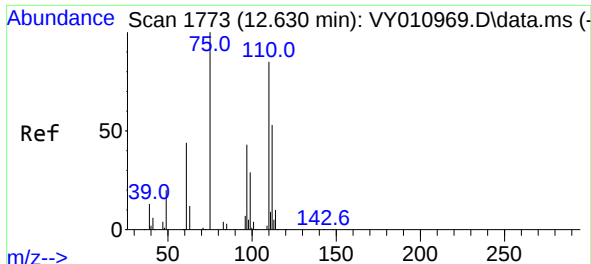
Tgt Ion:117 Resp: 537097
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion:152 Resp: 245258
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.9 0.0 347.6

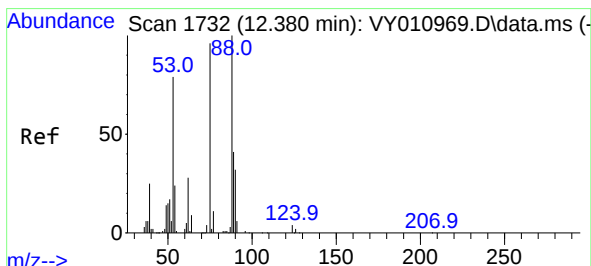
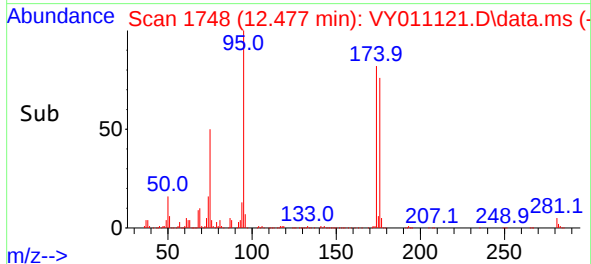
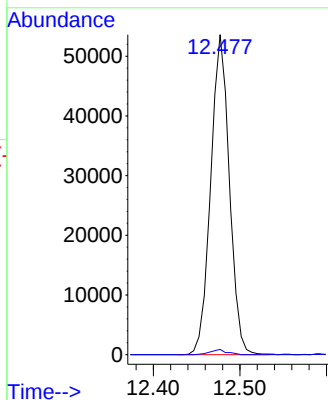
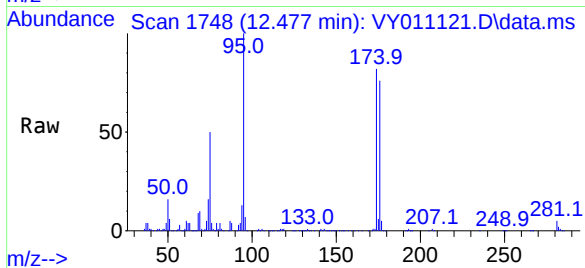




#76
1,2,3-Trichloropropane
Concen: 28.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-10

Tgt Ion: 75 Resp: 80240
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.977 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 75 Resp: 80240
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

