

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011117.D
 Acq On : 26 Oct 2022 15:35
 Operator : KP/MD
 Sample : N5281-06
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Oct 27 04:39:30 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)

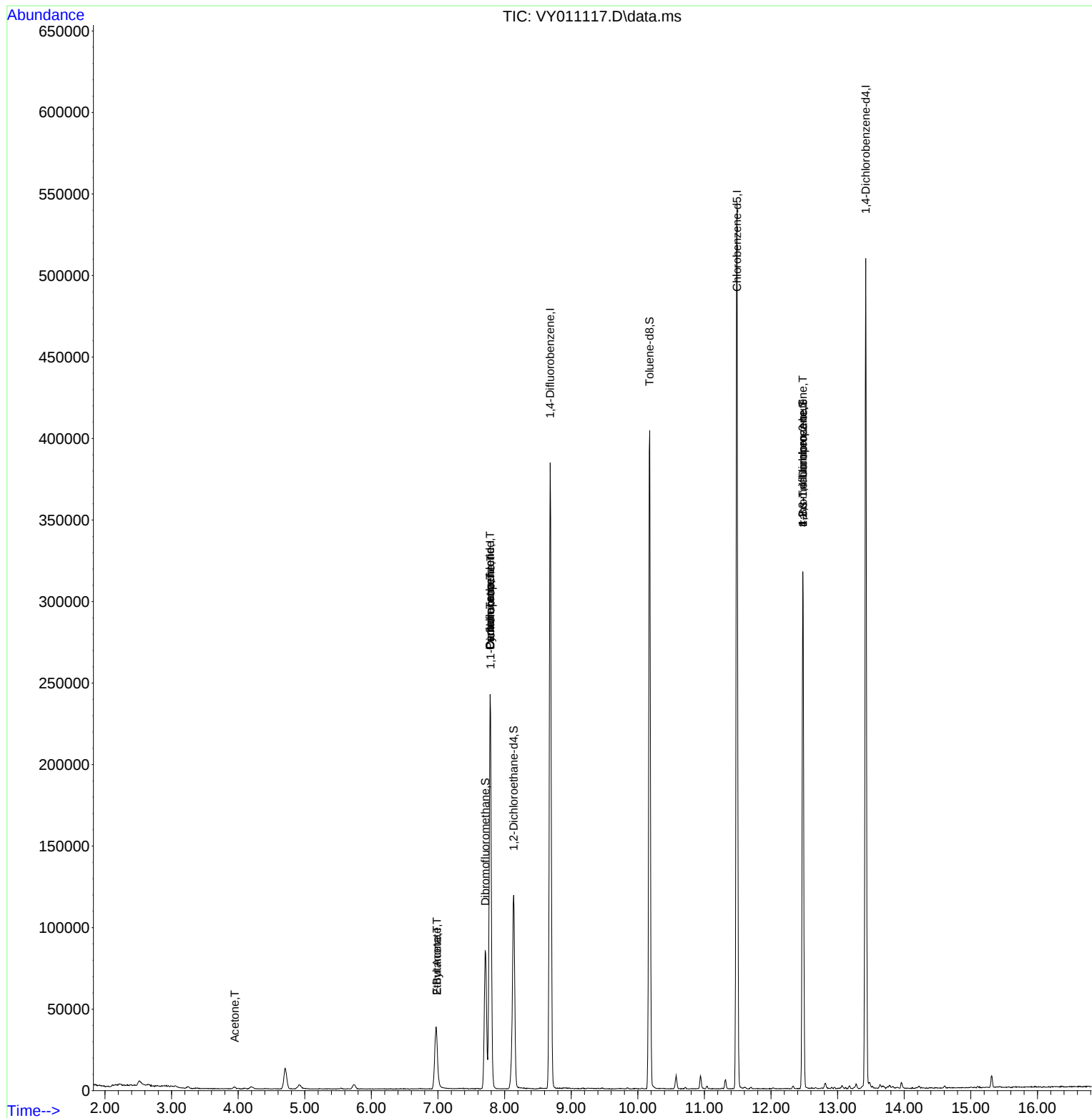
Internal Standards						
1) Pentafluorobenzene	7.783	168	186010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86431	50.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.710	113	62261	32.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 65.680%	
50) Toluene-d8	10.179	98	276060	39.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.500%	
62) 4-Bromofluorobenzene	12.477	95	97403	38.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3014	Below Cal	#	77
16) Acetone	3.948	43	2106	4.233	ug/l	97
18) Methyl Acetate	4.472	43	19	Below Cal	#	56
20) Methylene Chloride	4.704	84	9858	Below Cal		85
25) 2-Butanone	6.984	43	2676	3.546	ug/l	96
31) Cyclohexane	7.783	56	3658	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14444	4.665	ug/l #	50
37) Ethyl Acetate	6.984	43	2676	1.561	ug/l #	1
38) Carbon Tetrachloride	7.783	117	18484	5.783	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49083	32.726	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49083	70.385	ug/l #	7

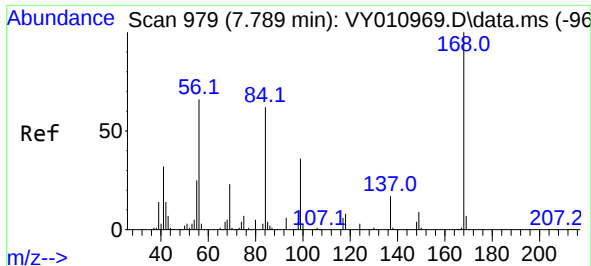
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
Data File : VY011117.D
Acq On : 26 Oct 2022 15:35
Operator : KP/MD
Sample : N5281-06
Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Quant Time: Oct 27 04:39:30 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

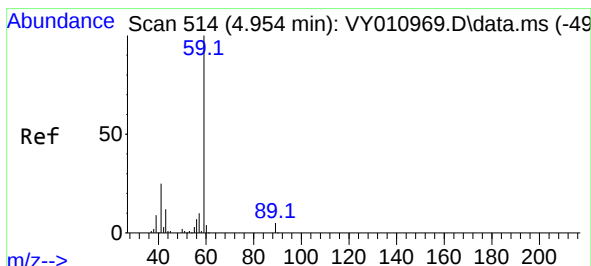
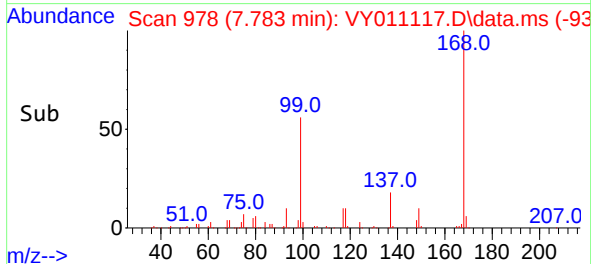
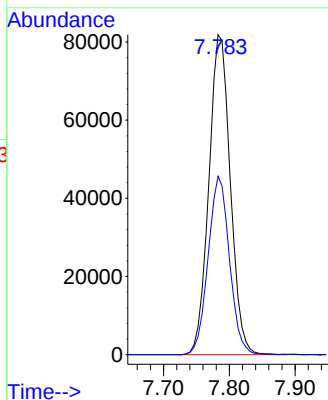
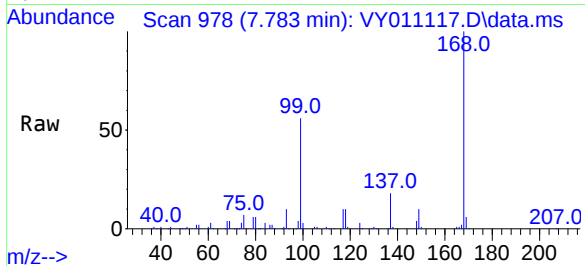




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

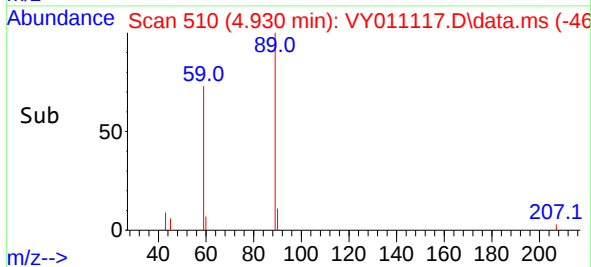
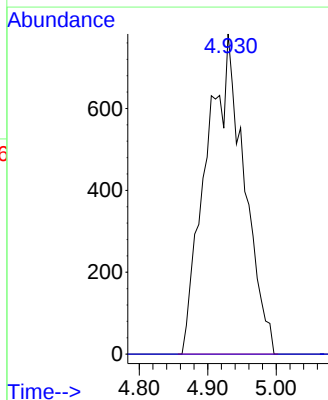
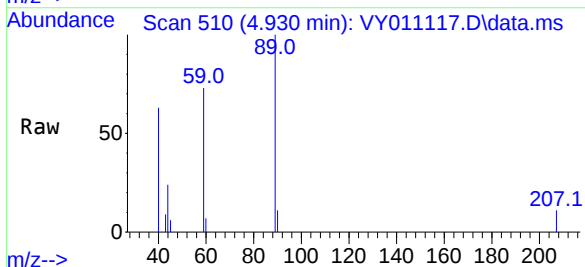
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

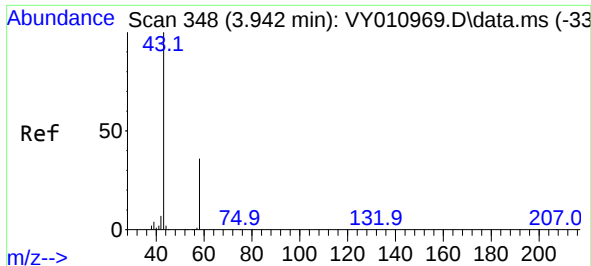
Tgt Ion:168 Resp: 186010
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 59 Resp: 3014
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

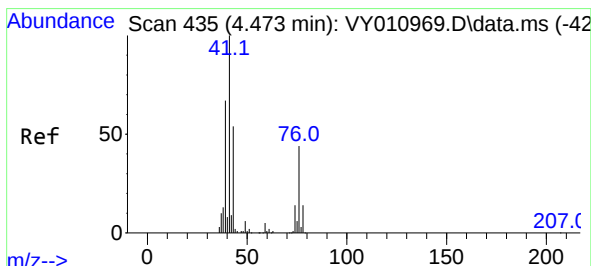
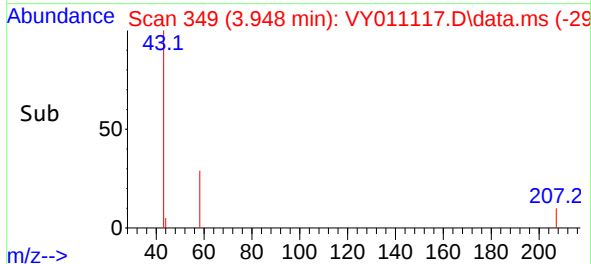
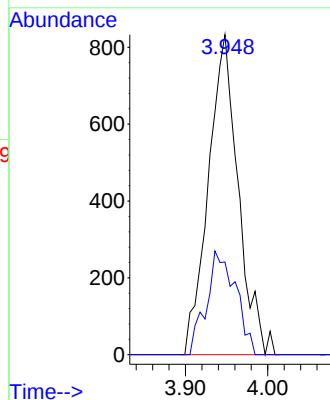
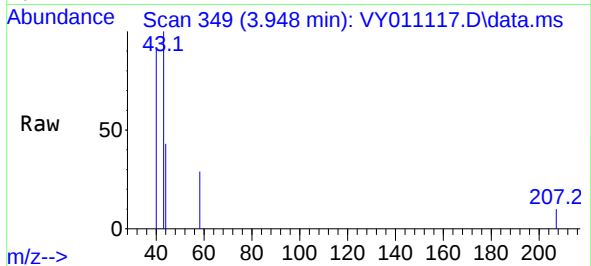




#16
Acetone
Concen: 4.233 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

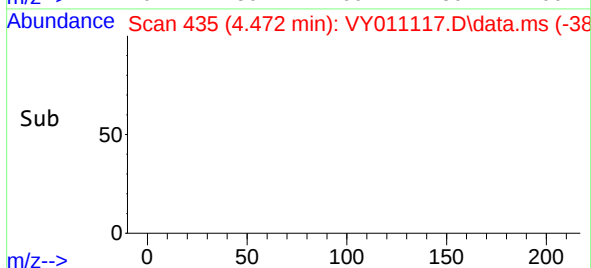
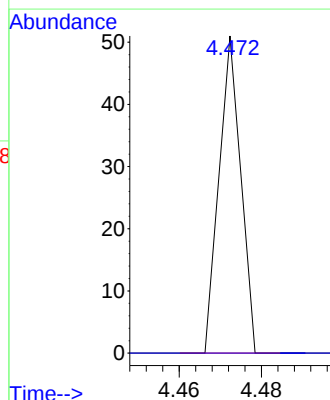
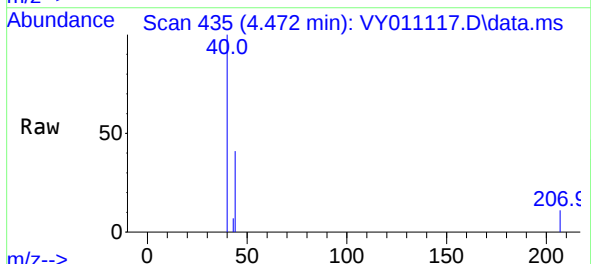
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

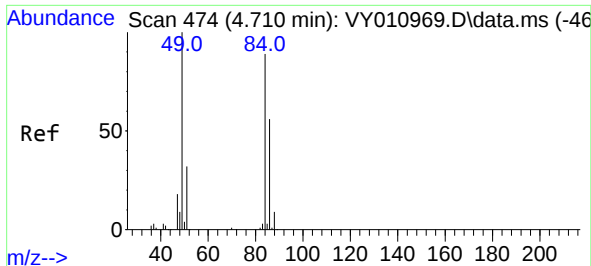
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 28.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



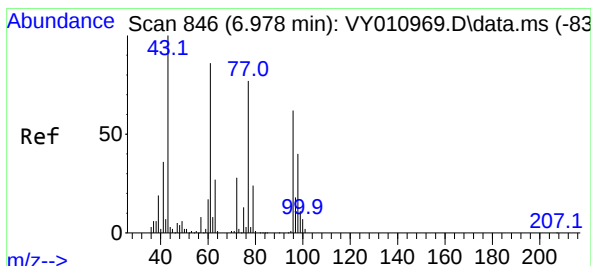
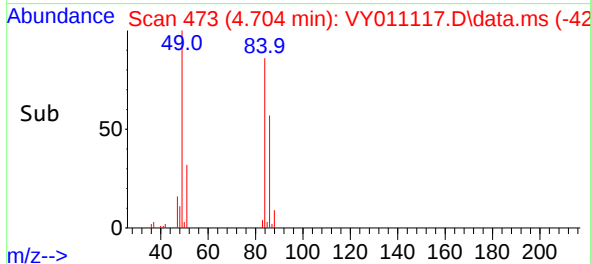
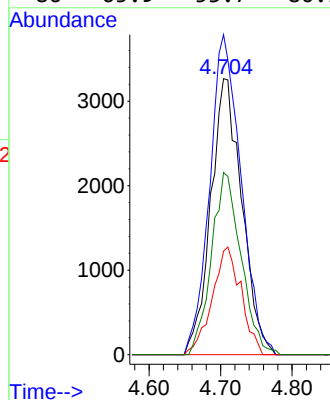
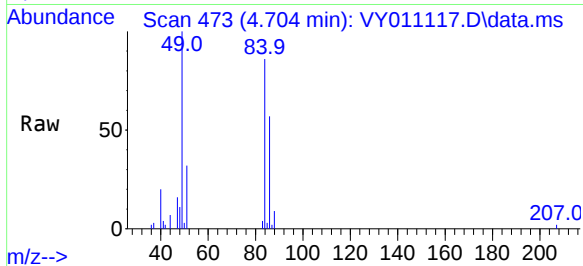


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 84 Resp: 9858

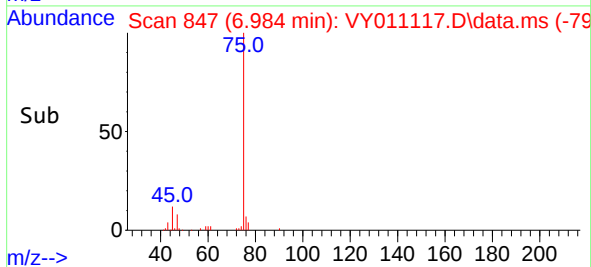
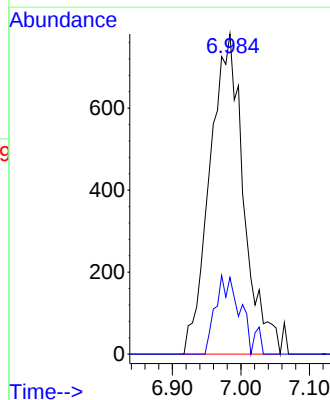
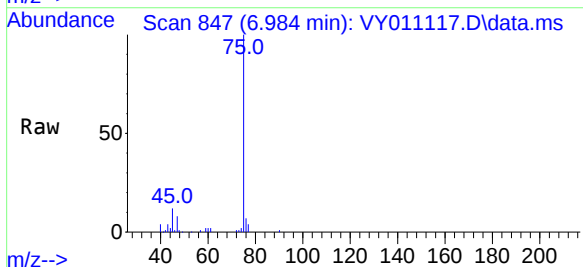
Ion	Ratio	Lower	Upper
84	100		
49	115.9	114.4	171.6
51	37.5	35.3	52.9
86	65.9	53.7	80.5

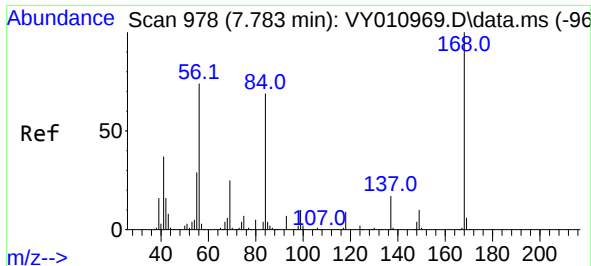


#25
2-Butanone
Concen: 3.546 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 43 Resp: 2676

Ion	Ratio	Lower	Upper
43	100		
72	23.9	17.7	26.5

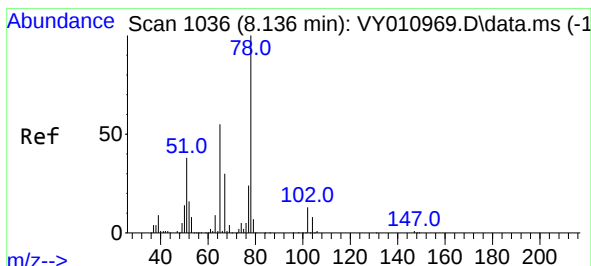
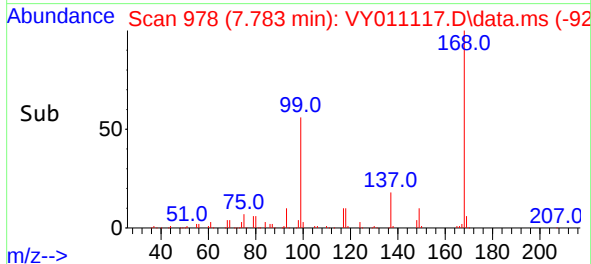
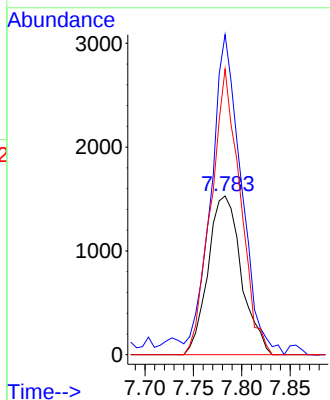
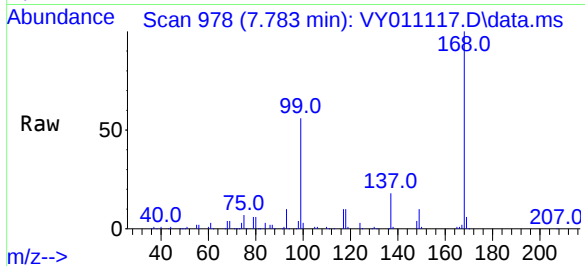




#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

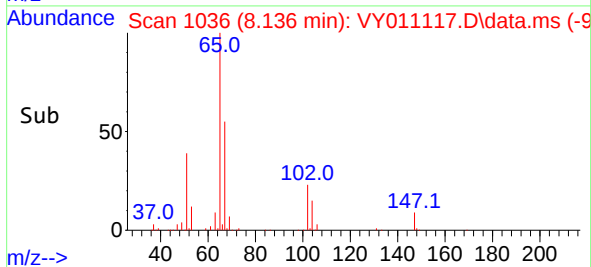
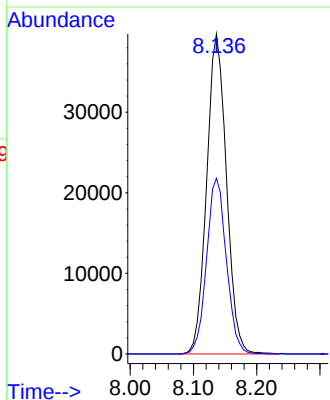
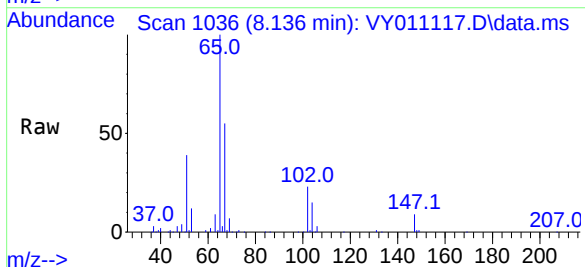
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

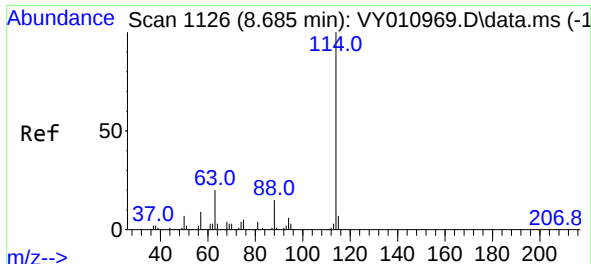
Tgt Ion: 56 Resp: 3658
Ion Ratio Lower Upper
56 100
69 195.4 26.7 40.1#
84 180.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.443 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 65 Resp: 86431
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: VY011117.D

Acq: 26 Oct 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

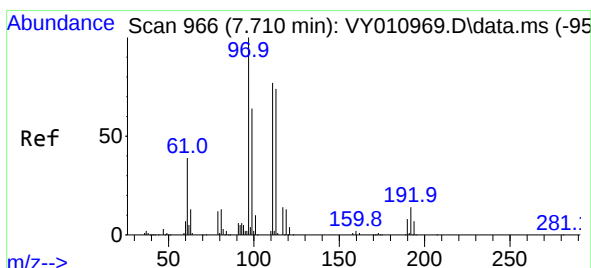
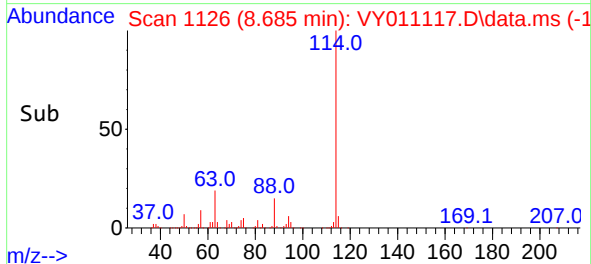
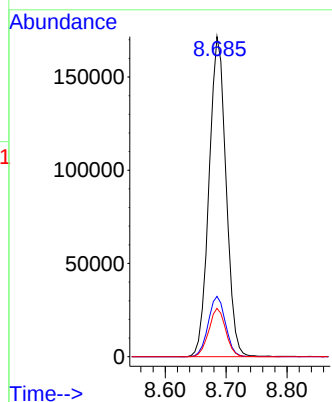
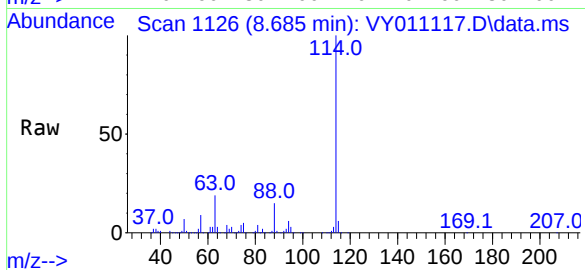
Tgt Ion:114 Resp: 332614

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 32.841 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011117.D

Acq: 26 Oct 2022 15:35

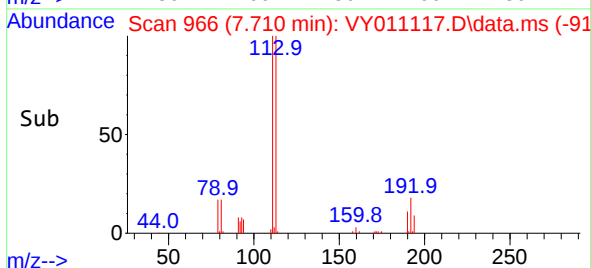
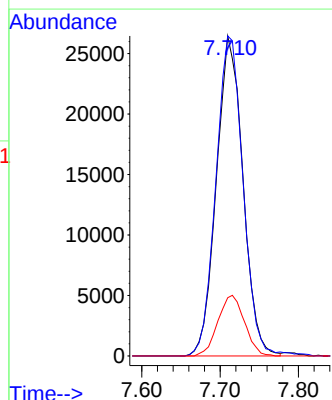
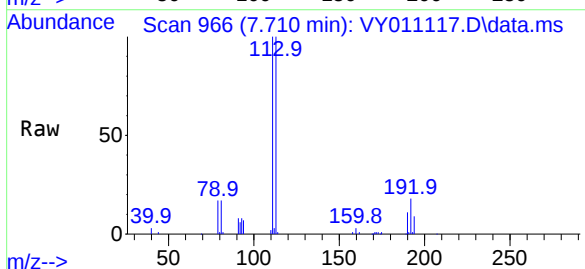
Tgt Ion:113 Resp: 62261

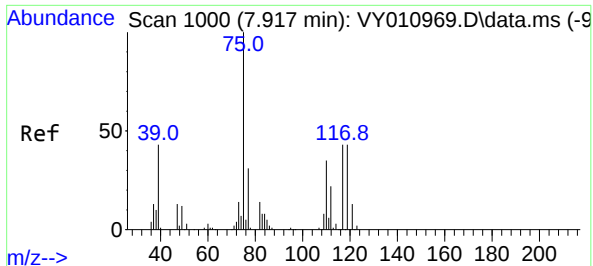
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.0 17.6 26.4

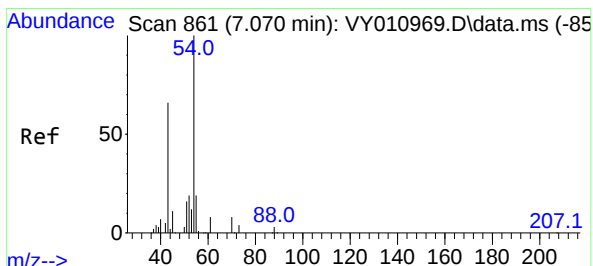
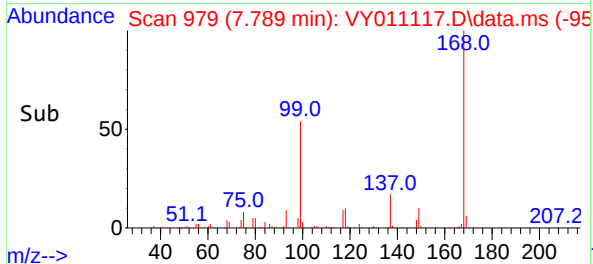
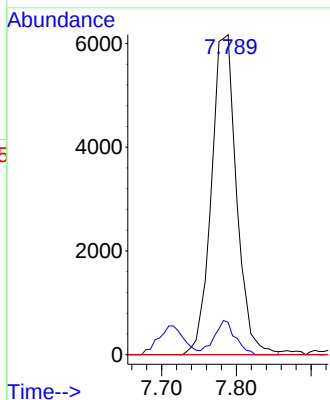
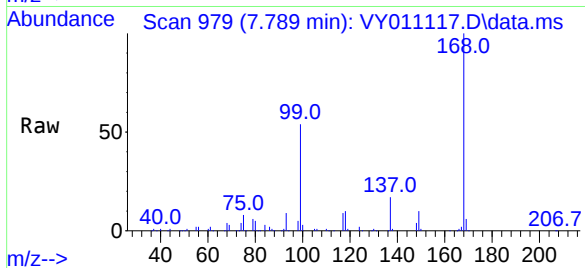




#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

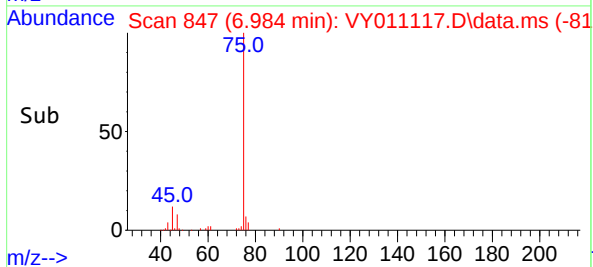
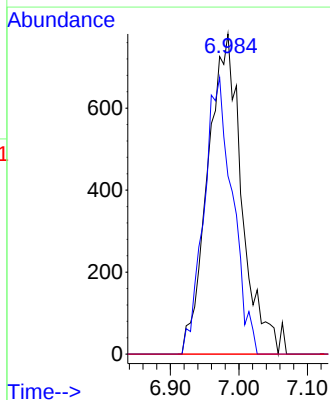
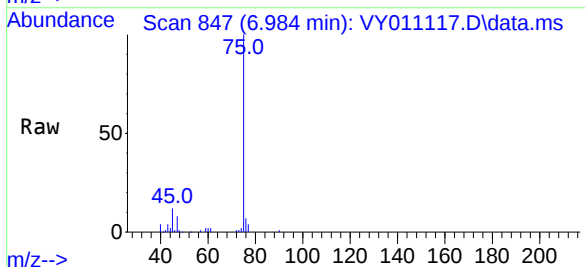
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

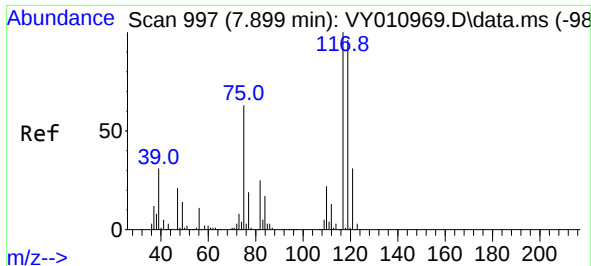
Tgt Ion: 75 Resp: 14444
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.561 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.086 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 43 Resp: 2676
Ion Ratio Lower Upper
43 100
61 73.5 9.7 14.5#
70 0.0 7.1 10.7#

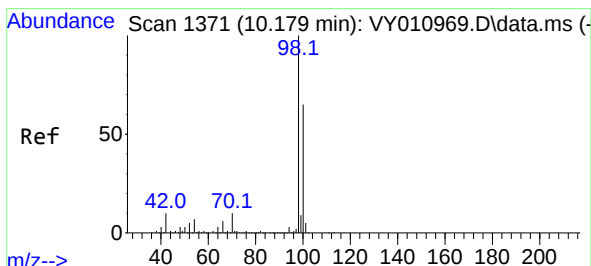
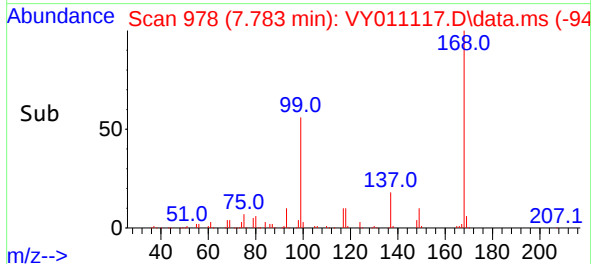
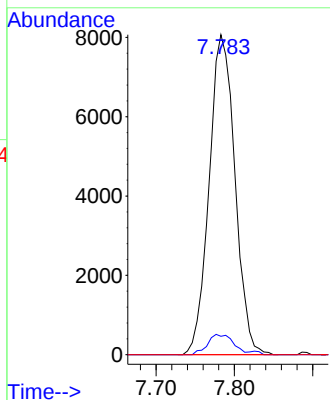
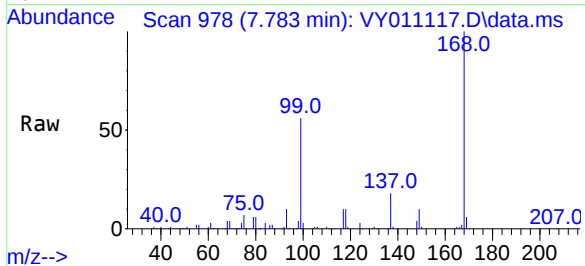




#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

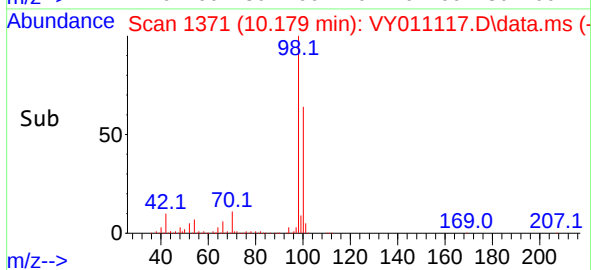
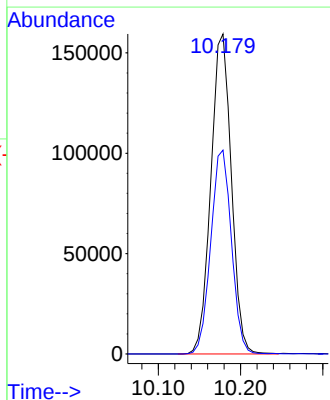
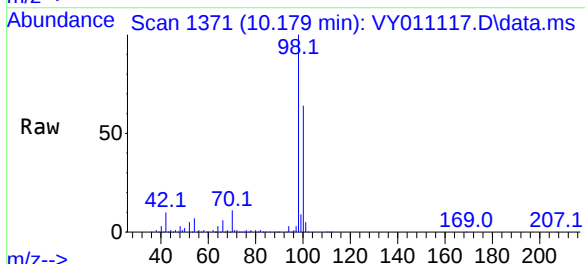
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

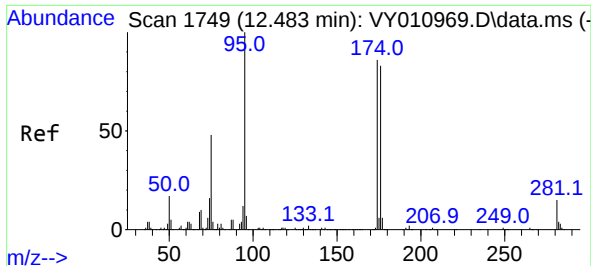
Tgt Ion:117 Resp: 18484
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 39.750 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 98 Resp: 276060
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

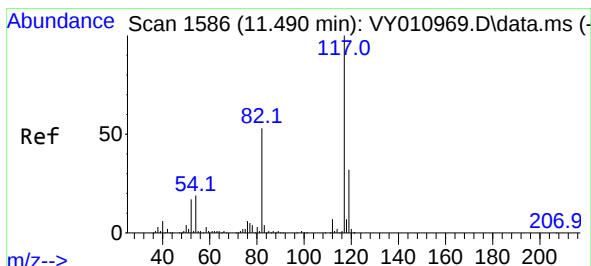
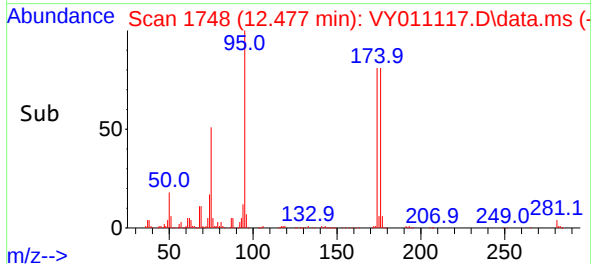
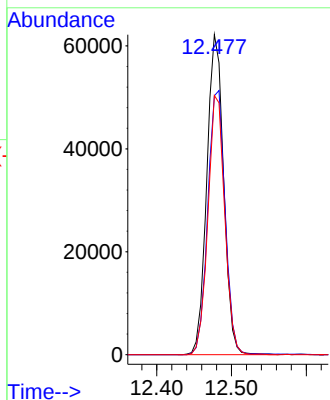
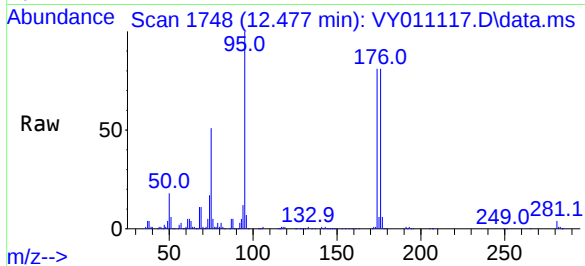




#62
4-Bromofluorobenzene
Concen: 38.912 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

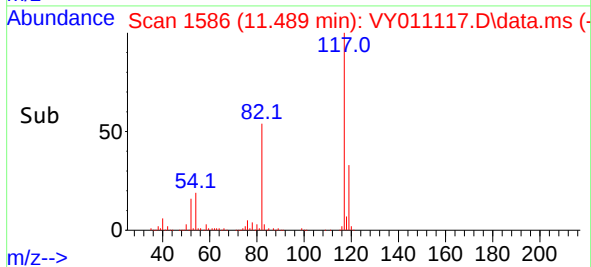
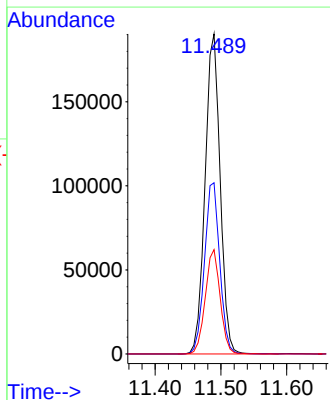
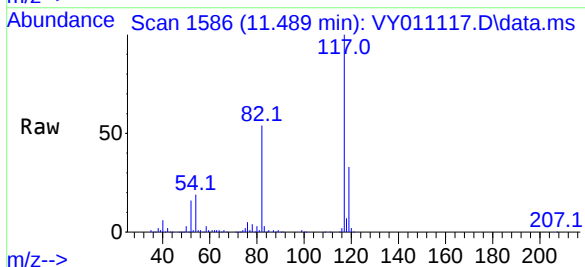
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

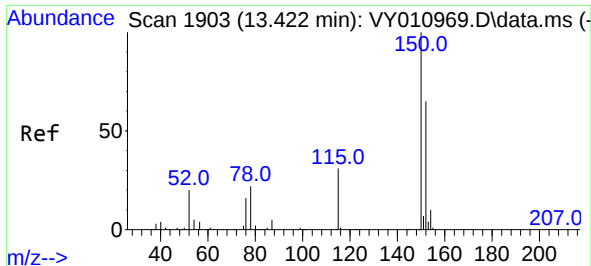
Tgt Ion: 95 Resp: 97403
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Tgt Ion: 117 Resp: 303539
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 25.4 38.0

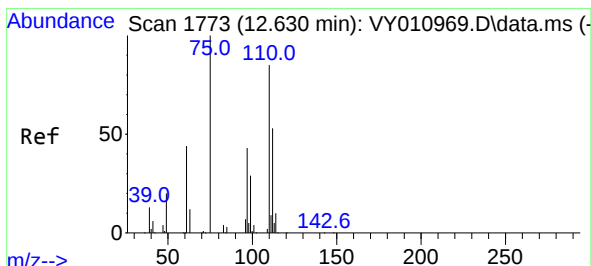
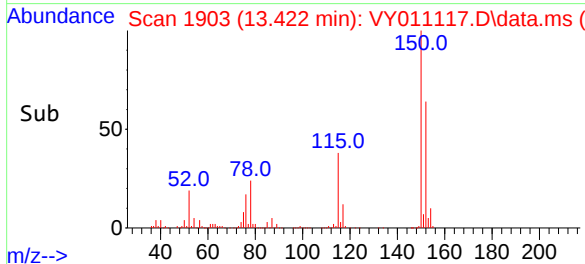
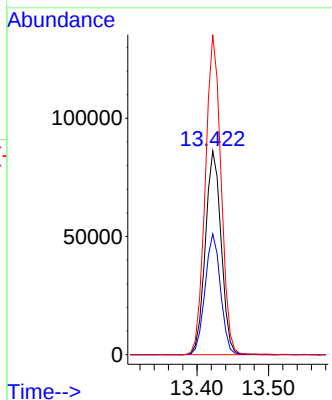
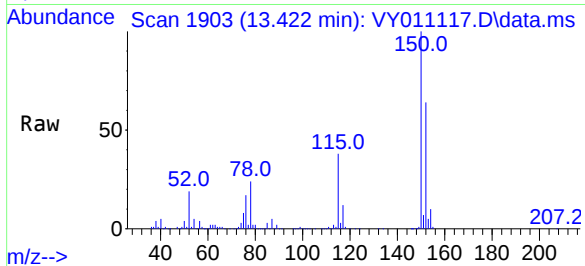




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

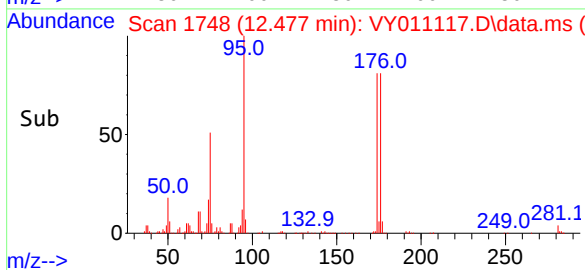
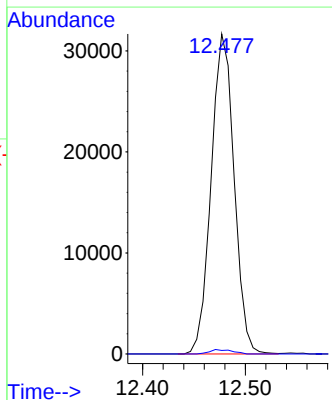
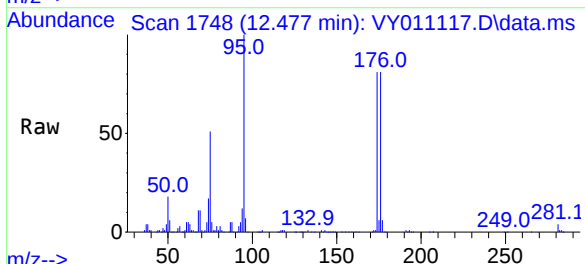
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

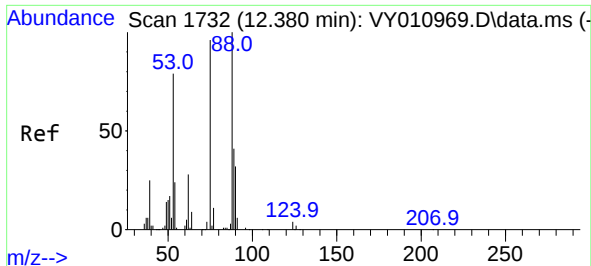
Tgt Ion:152 Resp: 132105
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 32.726 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

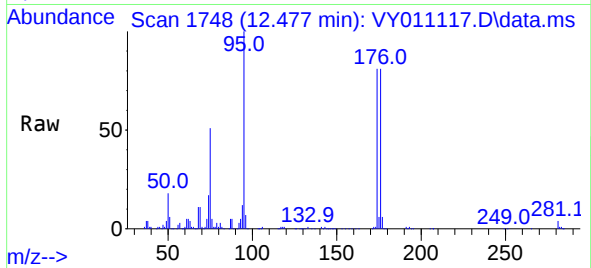
Tgt Ion: 75 Resp: 49083
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.385 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011117.D
Acq: 26 Oct 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-6



Tgt Ion:	75	Resp:	49083
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

