

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007969.D
 Acq On : 21 Mar 2022 22:00
 Operator : SY/MD
 Sample : VY0321SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL02

Quant Time: Mar 22 03:42:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

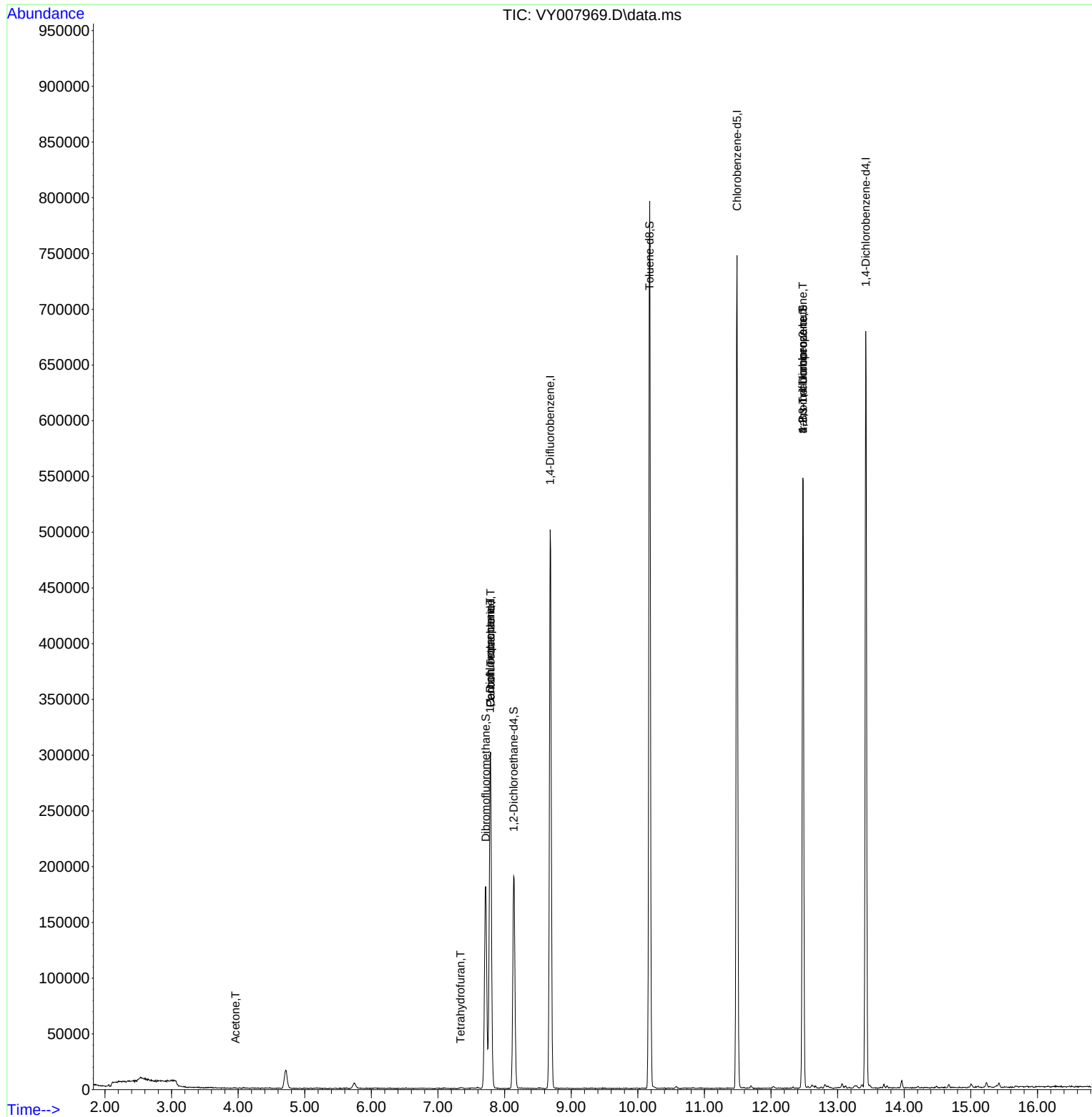
Internal Standards						
1) Pentafluorobenzene	7.789	168	224507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	387791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147286	57.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.080%
35) Dibromofluoromethane	7.716	113	130529	43.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.820%
50) Toluene-d8	10.179	98	522251	59.271	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.540%
62) 4-Bromofluorobenzene	12.477	95	181176	42.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	136	Below Cal	#	43
3) Chloromethane	2.107	50	1267	Below Cal	#	78
4) Vinyl Chloride	2.266	62	77	Below Cal	#	43
5) Bromomethane	2.656	94	564	Below Cal		83
16) Acetone	3.960	43	835	1.230 ug/l	#	47
17) Carbon Disulfide	4.204	76	141	Below Cal	#	75
18) Methyl Acetate	4.473	43	267	Below Cal	#	89
20) Methylene Chloride	4.716	84	12075	Below Cal		89
29) Tetrahydrofuran	7.338	42	848	1.217 ug/l	#	72
31) Cyclohexane	7.783	56	5392	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	19435	4.408 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	23260	4.937 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	95118	40.775 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95118	85.645 ug/l	#	7

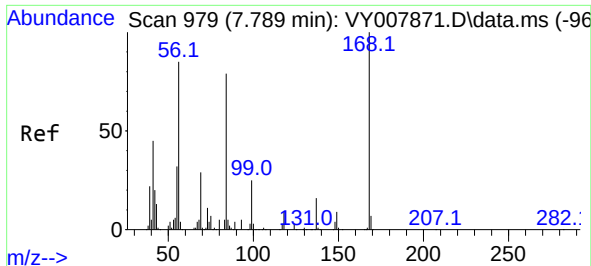
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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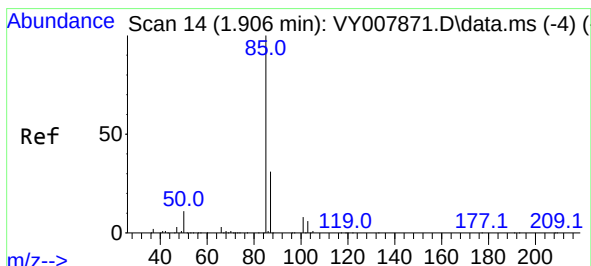
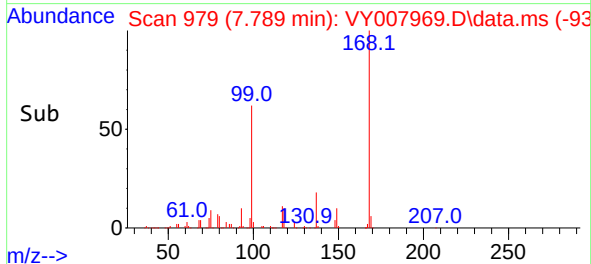
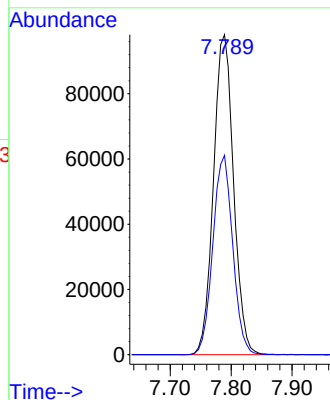
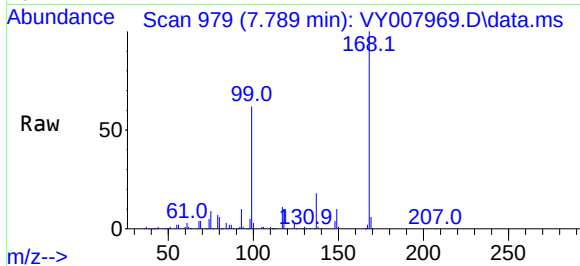




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

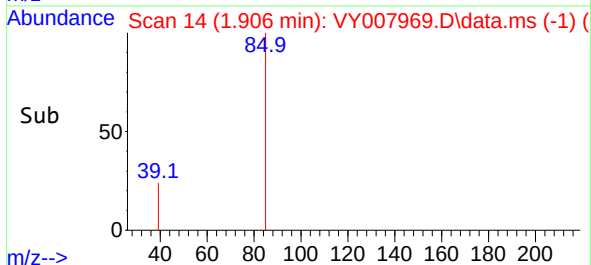
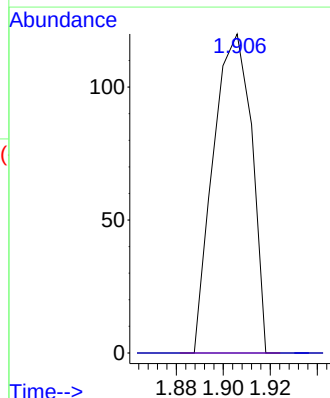
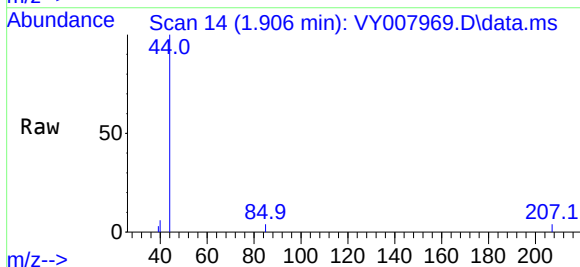
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

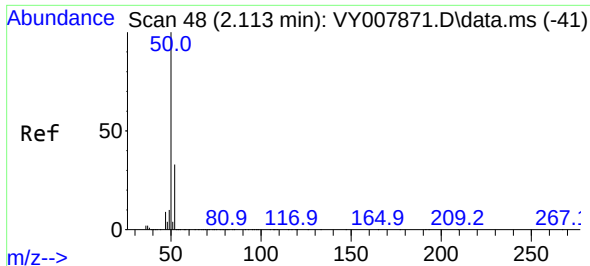
Tgt Ion:168 Resp: 224507
Ion Ratio Lower Upper
168 100
99 62.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 85 Resp: 136
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

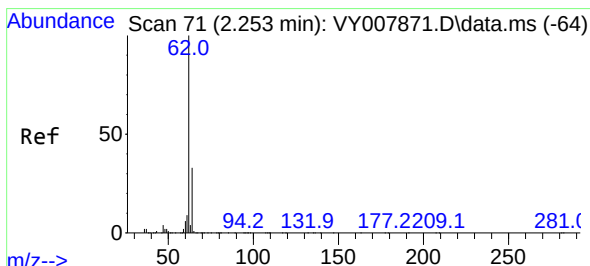
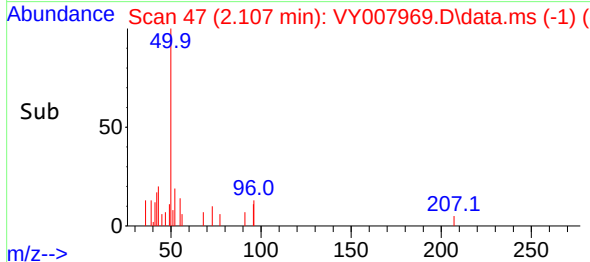
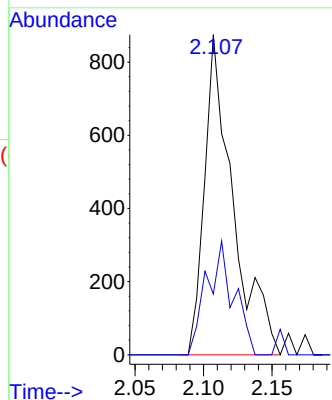
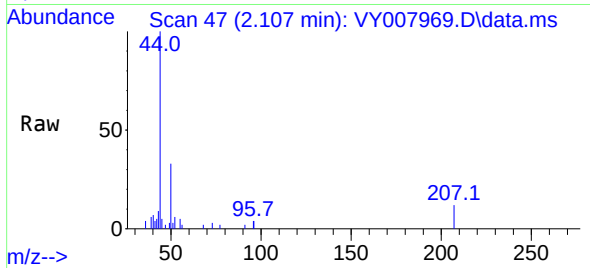




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

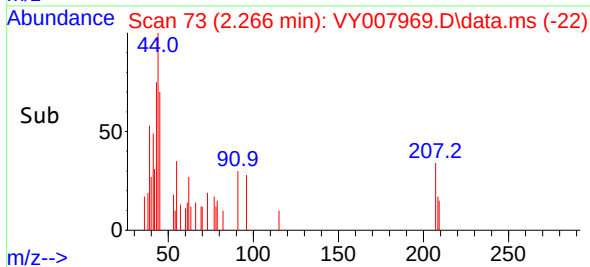
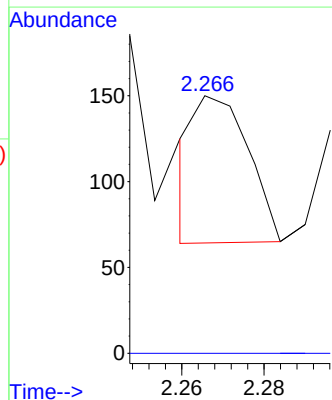
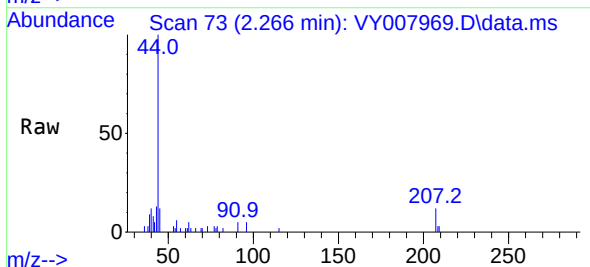
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

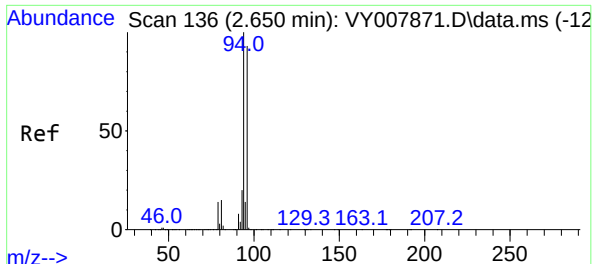
Tgt Ion: 50 Resp: 1267
Ion Ratio Lower Upper
50 100
52 19.0 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 62 Resp: 77
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

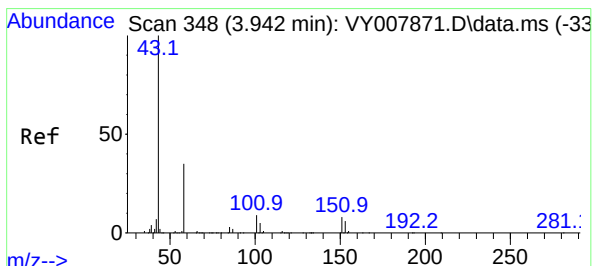
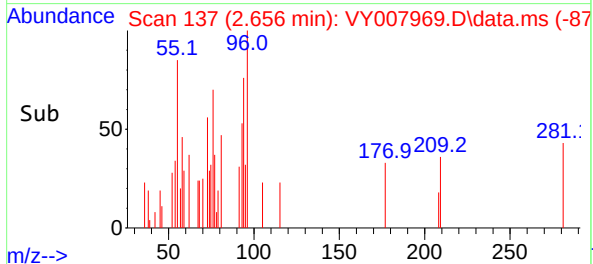
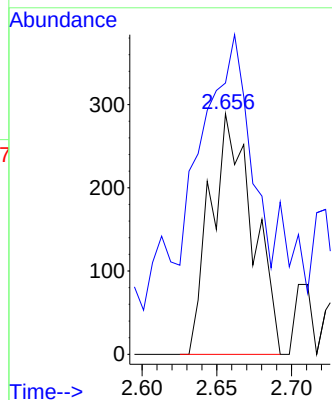
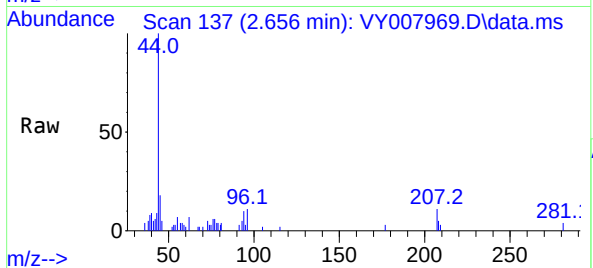




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

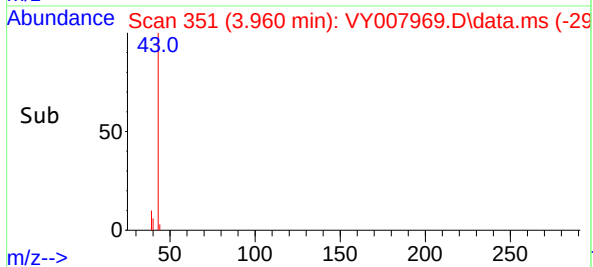
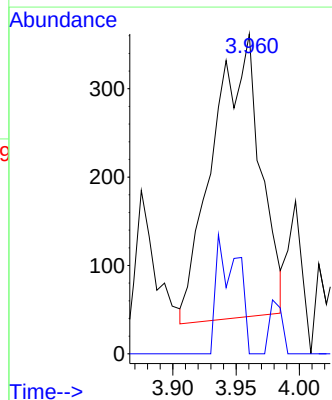
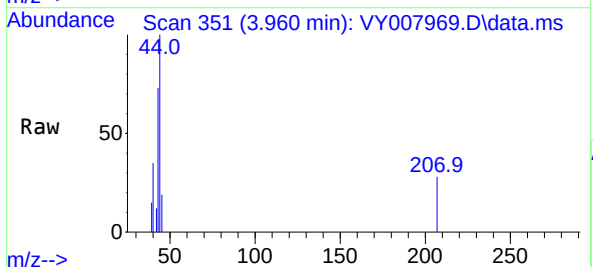
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

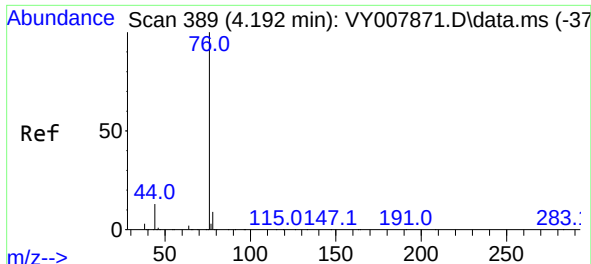
Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 75.8 73.5 110.3



#16
Acetone
Concen: 1.230 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

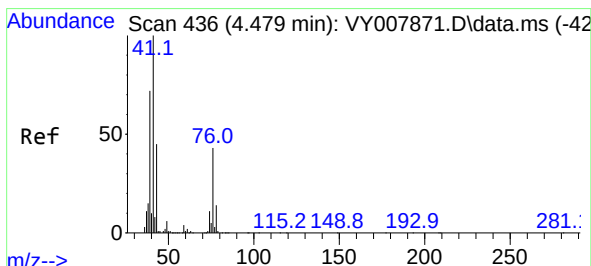
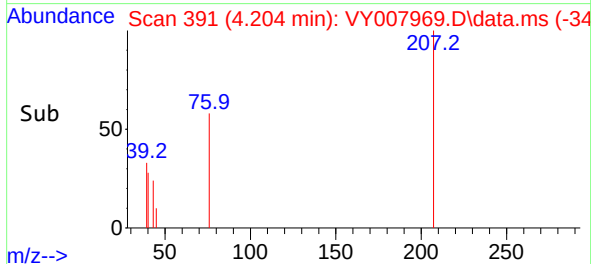
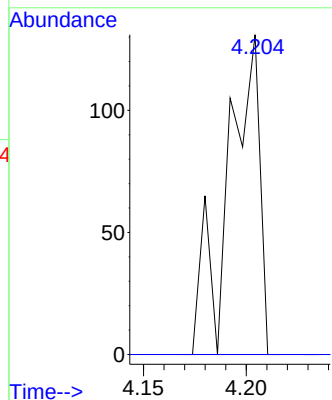
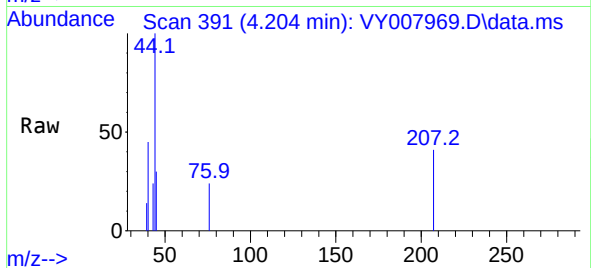




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

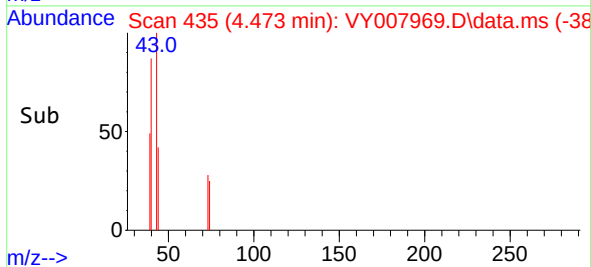
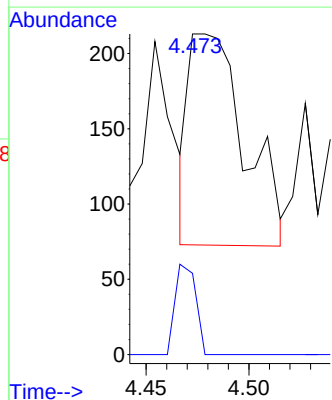
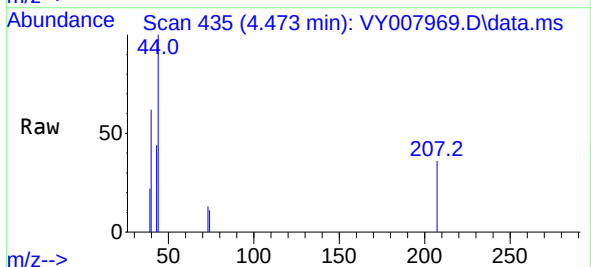
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

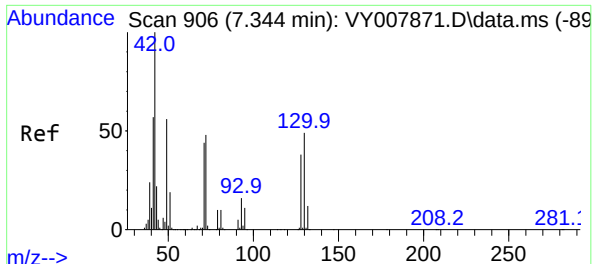
Tgt Ion: 76 Resp: 141
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
74 15.7 16.6 24.8#

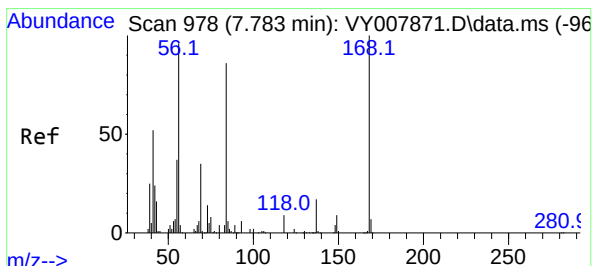
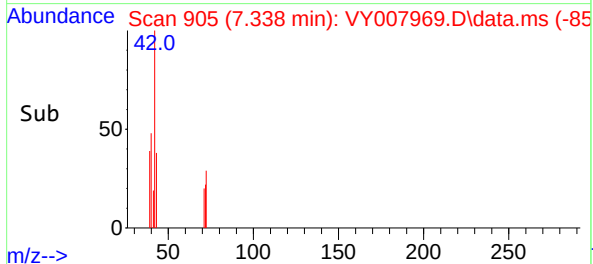
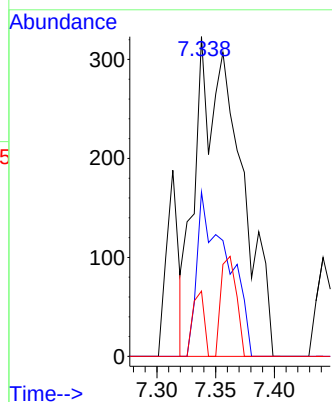
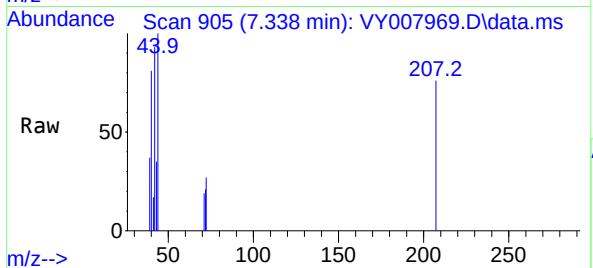




#29
Tetrahydrofuran
Concen: 1.217 ug/l
RT: 7.338 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

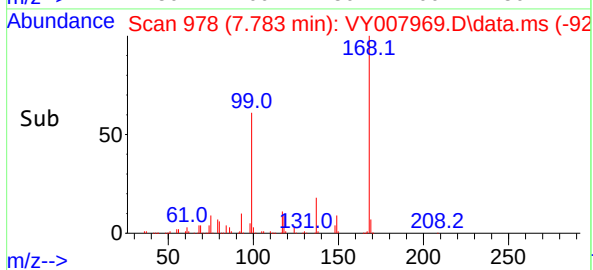
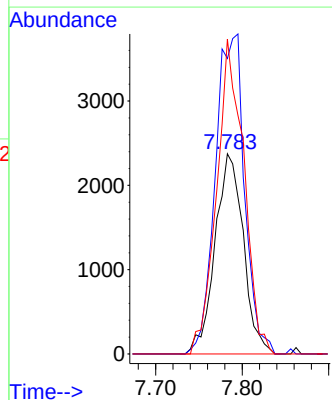
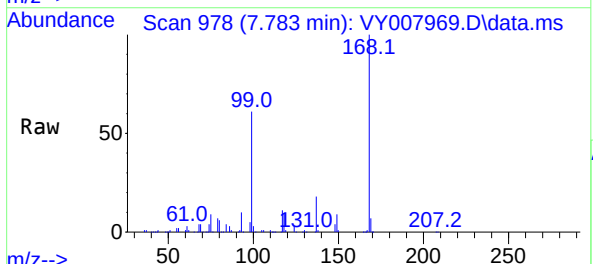
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

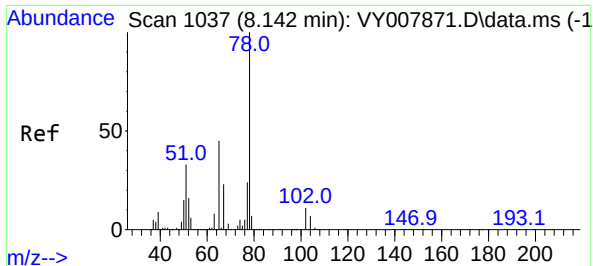
Tgt Ion:	42	Resp:	848
Ion	Ratio	Lower	Upper
42	100		
72	34.9	30.3	45.5
71	5.3	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion:	56	Resp:	5392
Ion	Ratio	Lower	Upper
56	100		
69	147.6	26.7	40.1#
84	157.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.538 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY007969.D

Acq: 21 Mar 2022 22:00

Instrument :

MSVOA_Y

ClientSampleId :

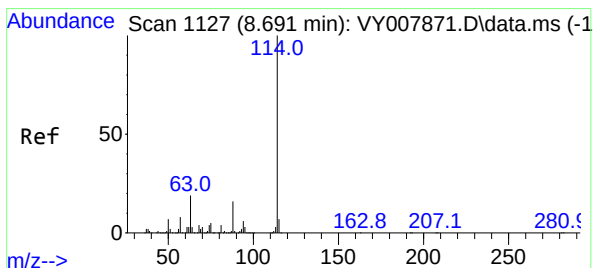
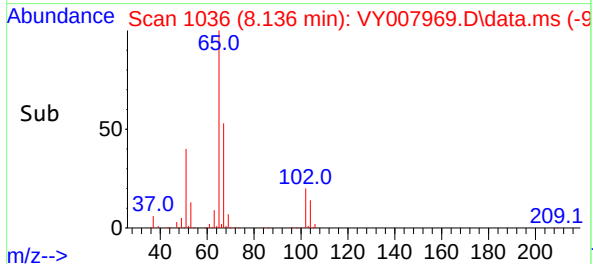
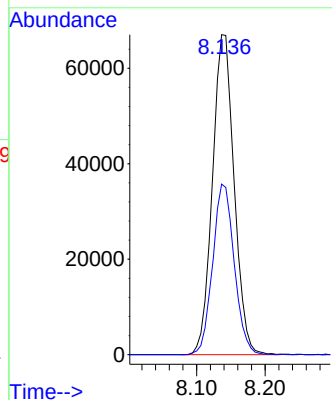
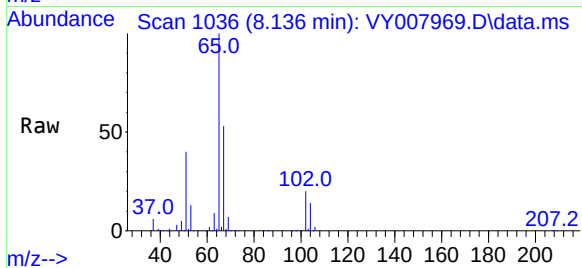
VY0321SBL02

Tgt Ion: 65 Resp: 147286

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007969.D

Acq: 21 Mar 2022 22:00

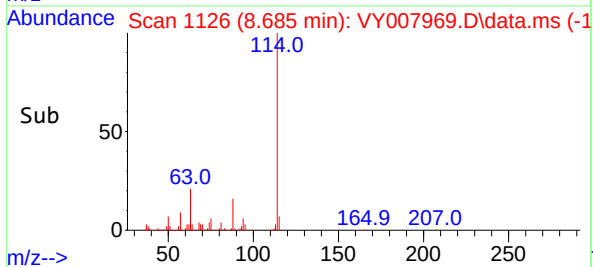
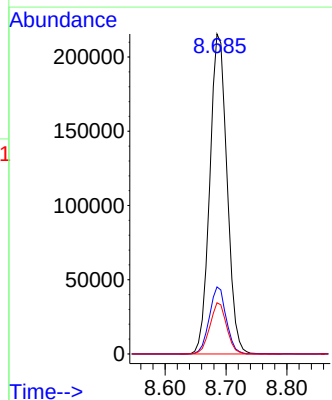
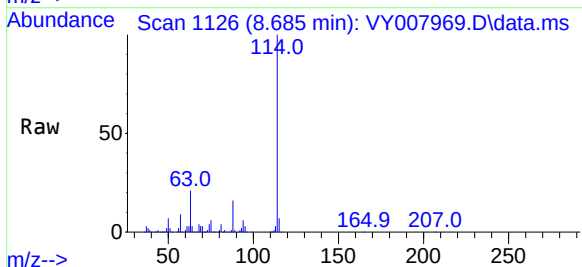
Tgt Ion: 114 Resp: 423272

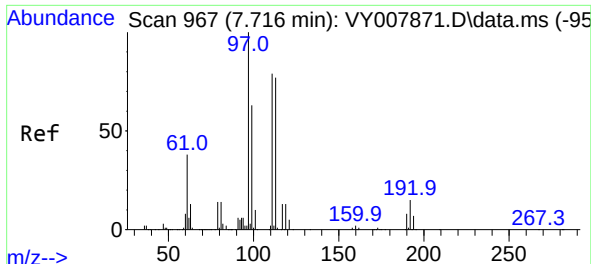
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.0 0.0 31.8

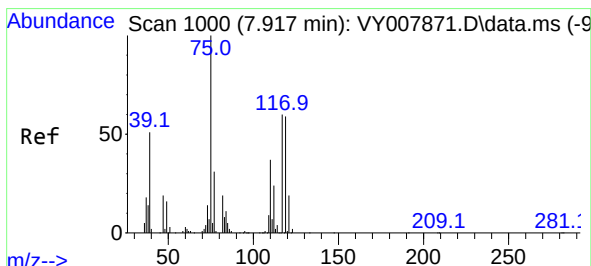
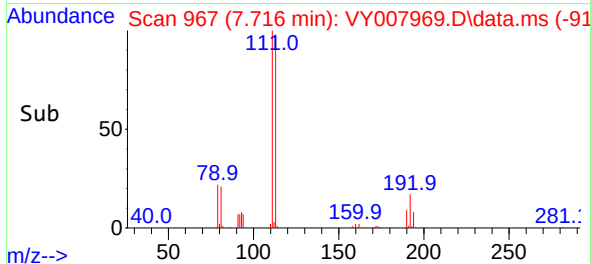
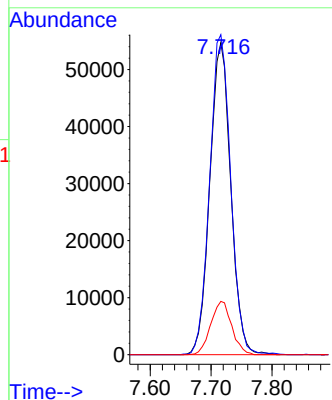
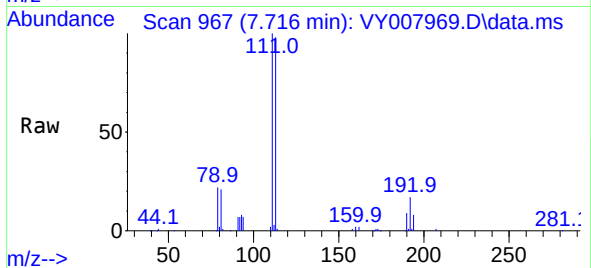




#35
Dibromofluoromethane
Concen: 43.911 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

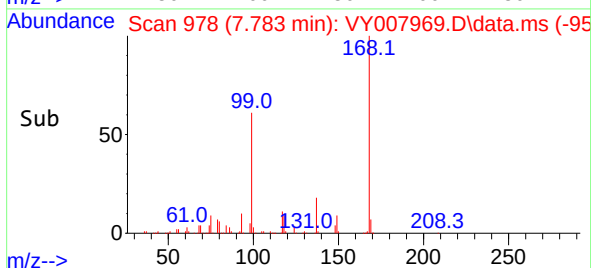
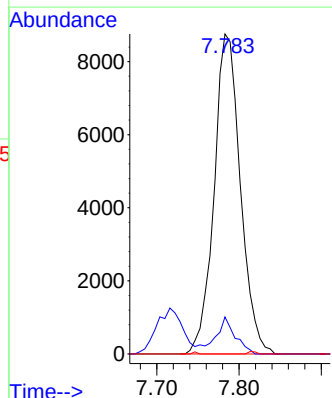
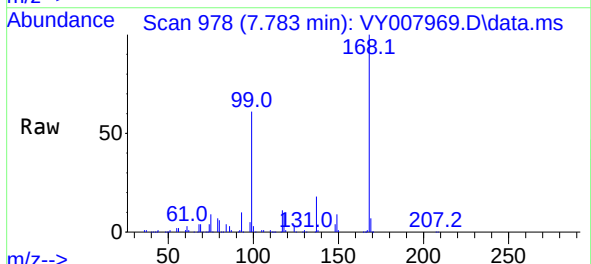
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

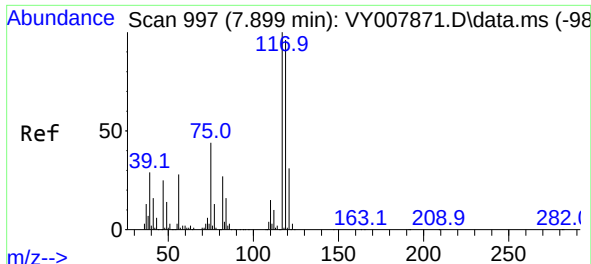
Tgt Ion:113 Resp: 130529
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.1 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 75 Resp: 19435
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#

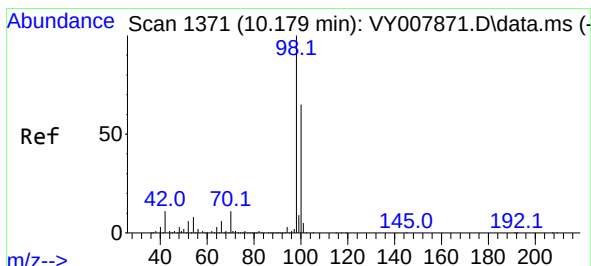
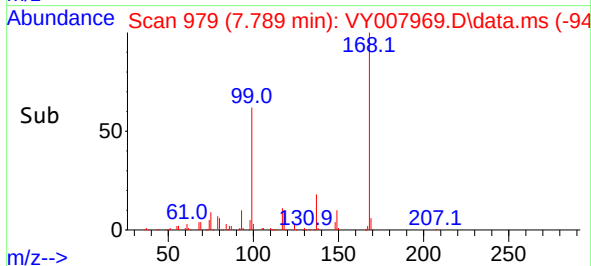
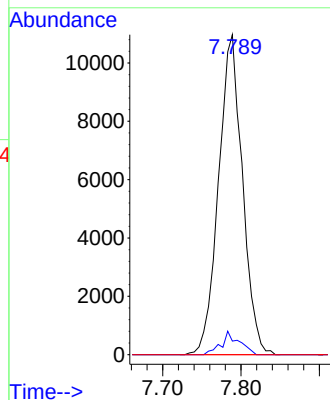
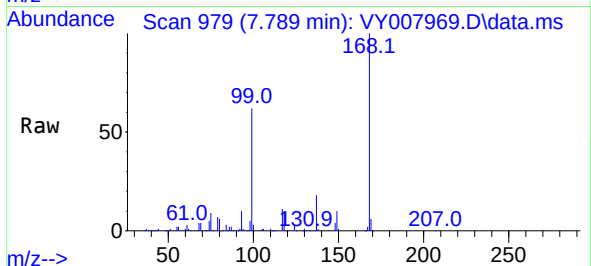




#38
Carbon Tetrachloride
Concen: 4.937 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

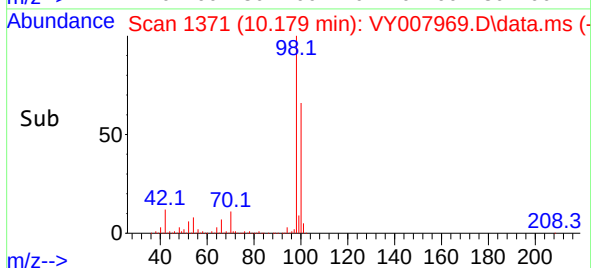
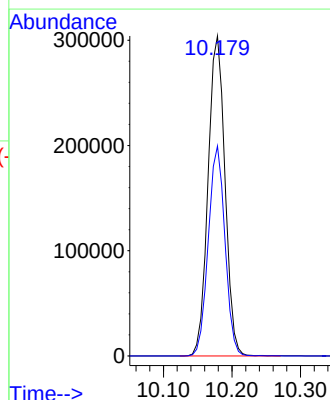
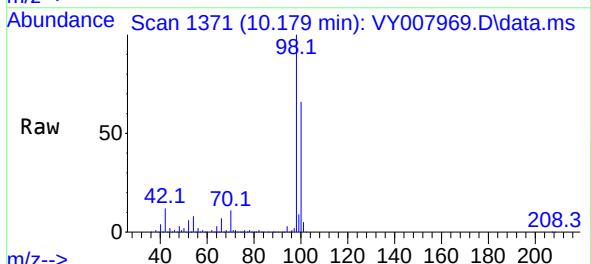
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

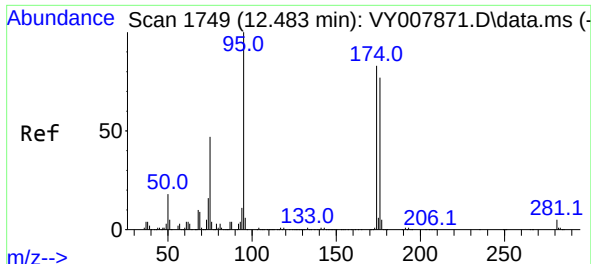
Tgt Ion:117 Resp: 23260
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.271 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 98 Resp: 522251
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

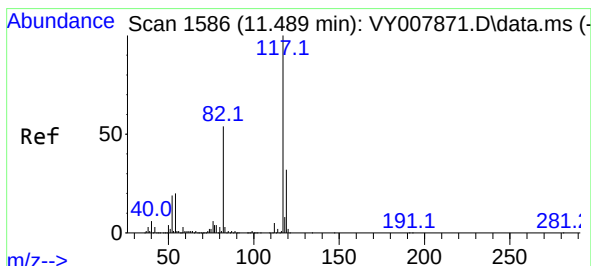
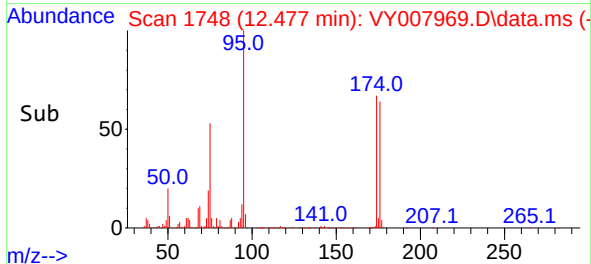
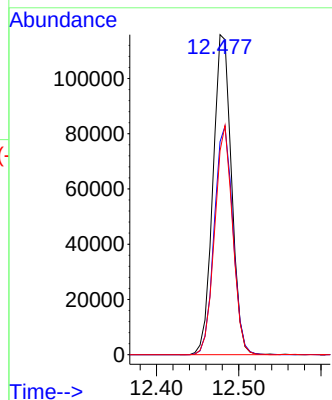
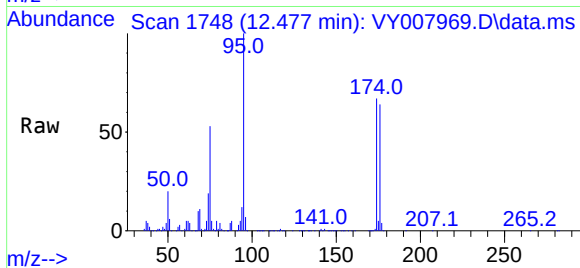




#62
4-Bromofluorobenzene
Concen: 42.467 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

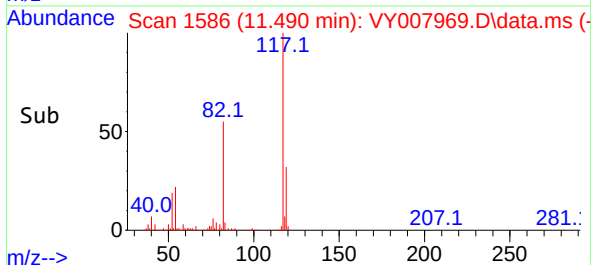
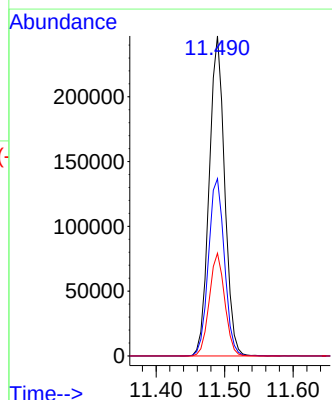
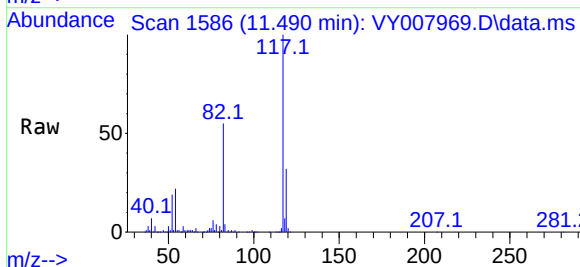
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

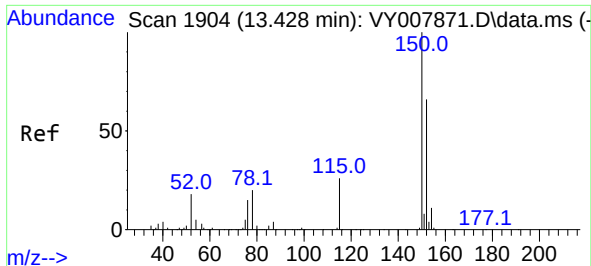
Tgt Ion: 95 Resp: 181176
Ion Ratio Lower Upper
95 100
174 71.8 0.0 177.0
176 69.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Tgt Ion: 117 Resp: 387791
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.1 25.4 38.0

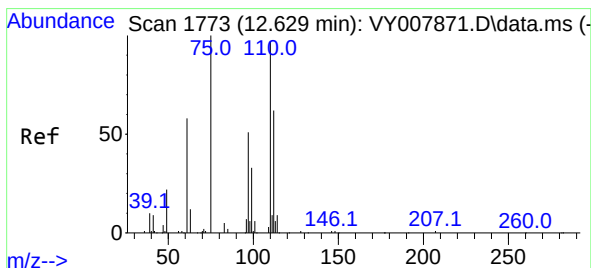
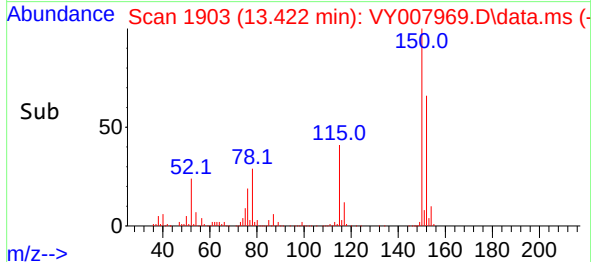
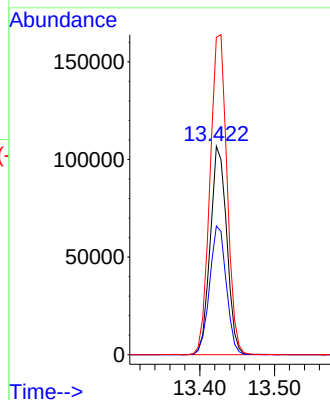
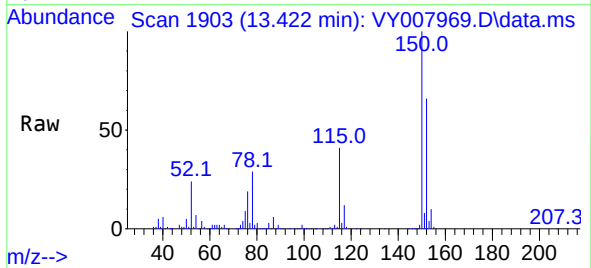




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

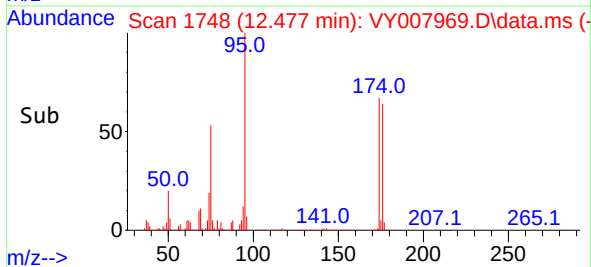
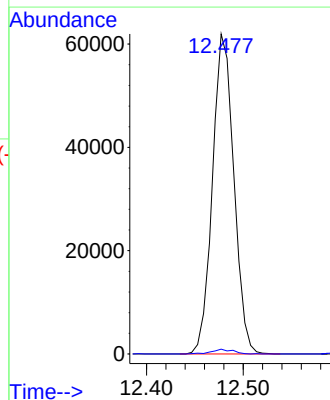
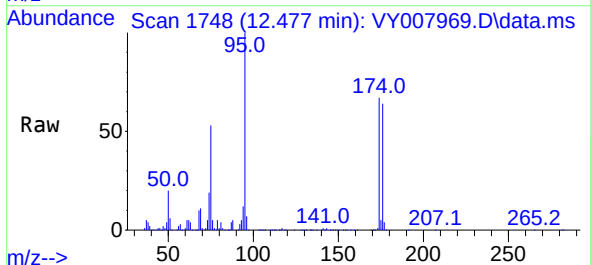
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02

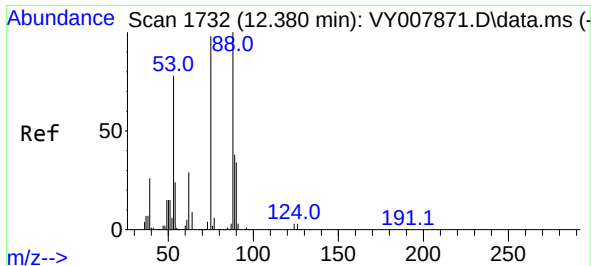
Tgt Ion:152 Resp: 163662
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 158.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 40.775 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

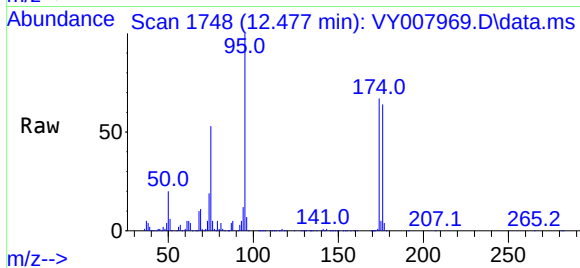
Tgt Ion: 75 Resp: 95118
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.645 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY007969.D
Acq: 21 Mar 2022 22:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL02



Tgt Ion: 75 Resp: 95118
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

