

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009523.D
 Acq On : 12 Jul 2022 10:33
 Operator : KP/MD
 Sample : VY0712SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0712SBL01

Quant Time: Jul 13 01:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

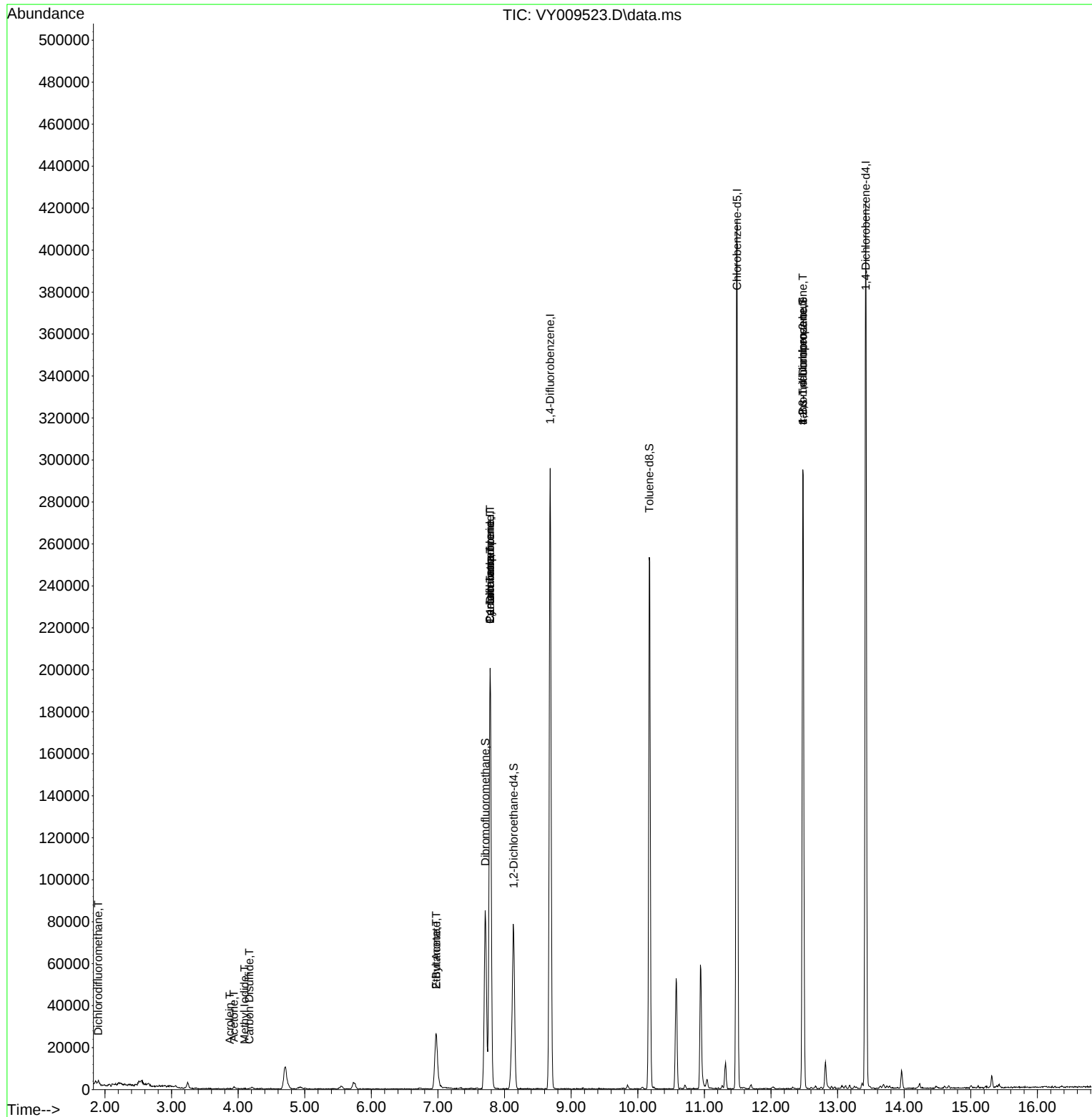
Internal Standards						
1) Pentafluorobenzene	7.783	168	160044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52954	46.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.710	113	58419	43.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.173	98	163513	43.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	86.960%
62) 4-Bromofluorobenzene	12.477	95	81196	42.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	85.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1611	1.313	ug/l	100
10) Methyl Iodide	4.095	142	417	4.364	ug/l #	56
11) Tert butyl alcohol	4.918	59	1268	Below Cal	#	77
13) Acrolein	3.875	56	22	30.390	ug/l #	14
16) Acetone	3.936	43	1399	3.593	ug/l	96
17) Carbon Disulfide	4.168	76	25	4.427	ug/l #	75
20) Methylene Chloride	4.704	84	7574	Below Cal	#	82
23) Vinyl Acetate	6.064	43	76	Below Cal	#	75
25) 2-Butanone	6.972	43	1885	2.993	ug/l #	89
31) Cyclohexane	7.783	56	3487	1.328	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	11941	5.477	ug/l #	50
37) Ethyl Acetate	6.972	43	1885	1.379	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15047	6.453	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42539	36.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42539	75.308	ug/l #	7

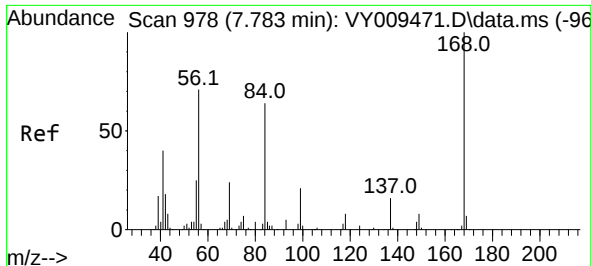
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
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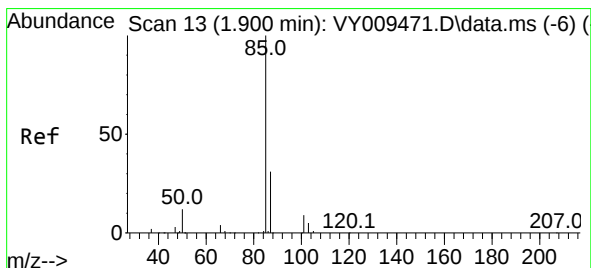
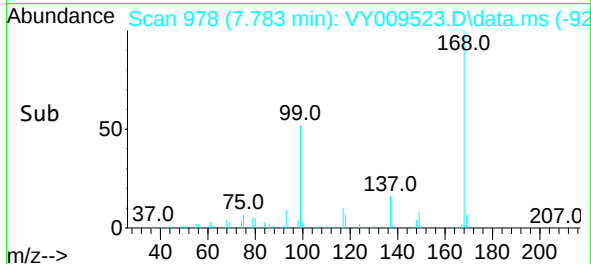
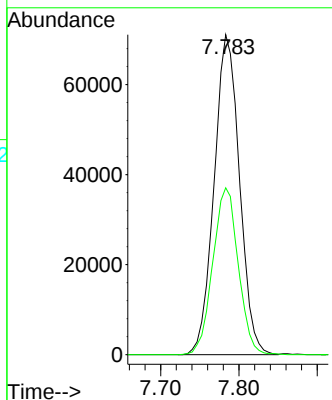
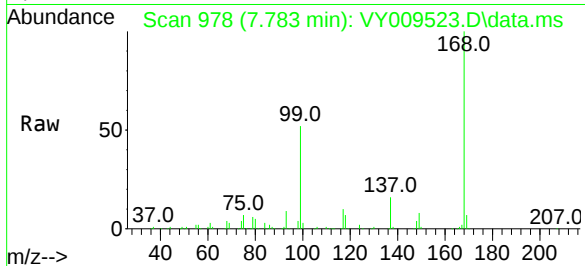




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

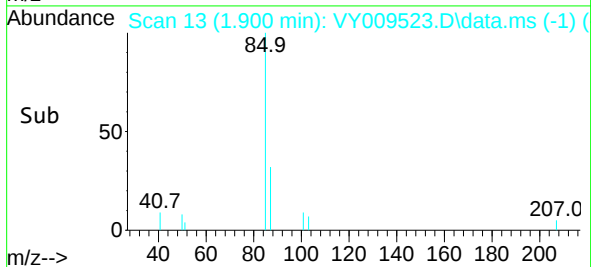
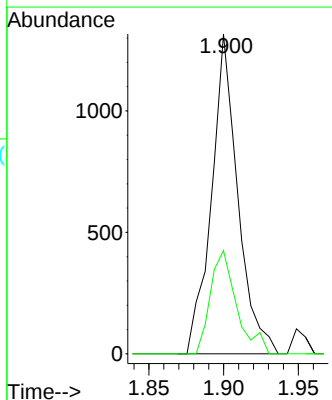
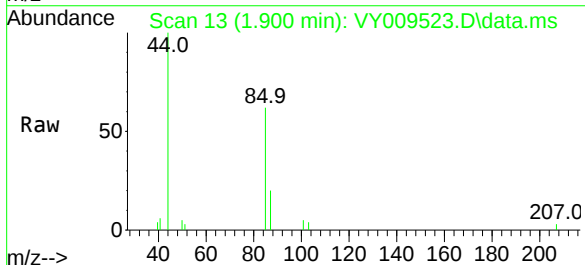
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

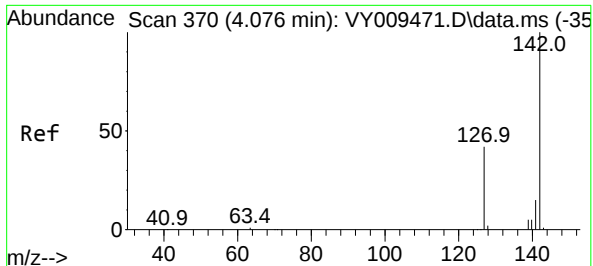
Tgt Ion:168 Resp: 160044
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.313 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

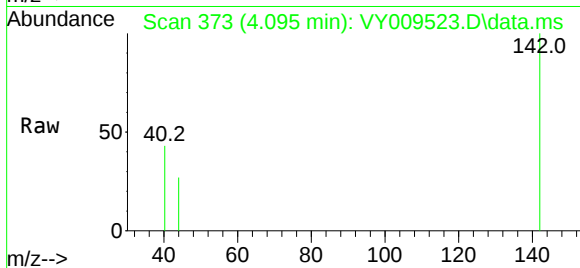
Tgt Ion: 85 Resp: 1611
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2



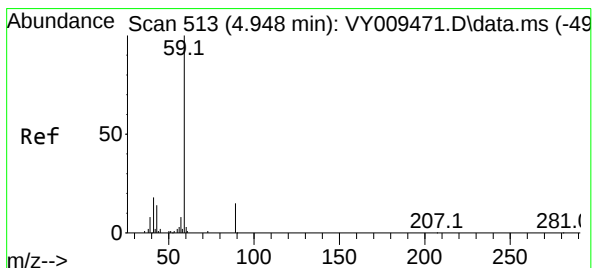
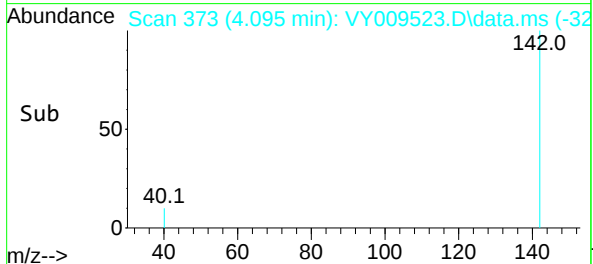
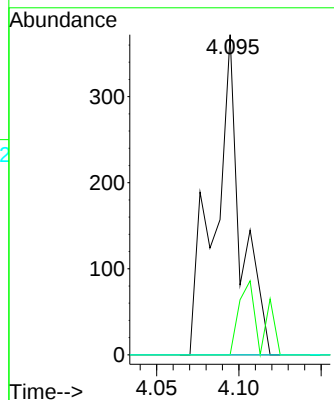


#10
Methyl Iodide
Concen: 4.364 ug/l
RT: 4.095 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

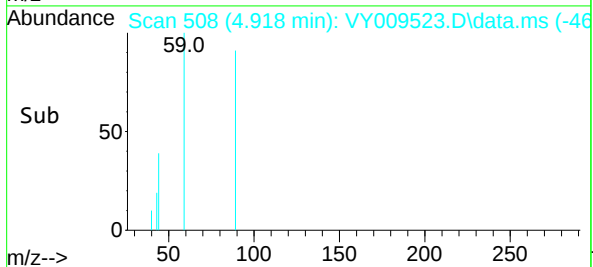
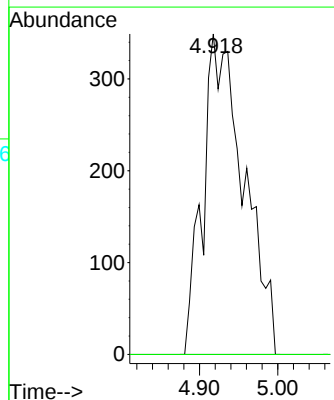
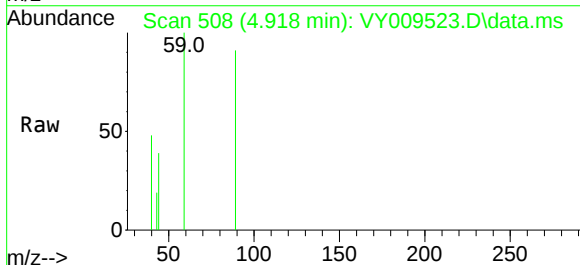


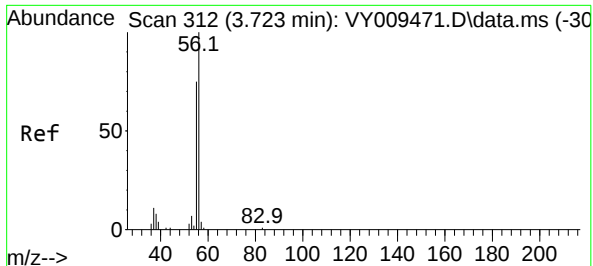
Tgt Ion:142 Resp: 417
Ion Ratio Lower Upper
142 100
127 18.9 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

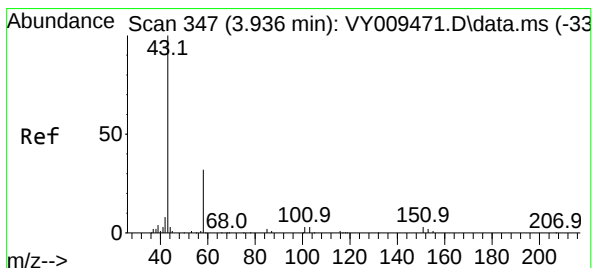
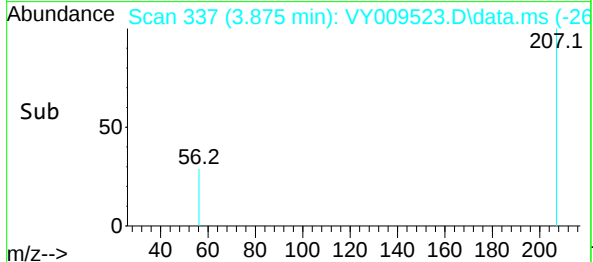
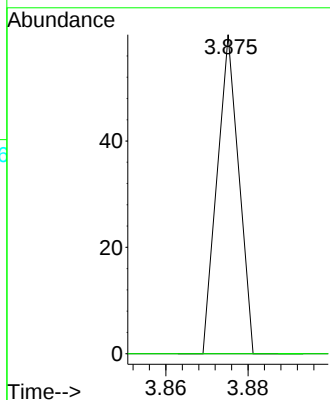
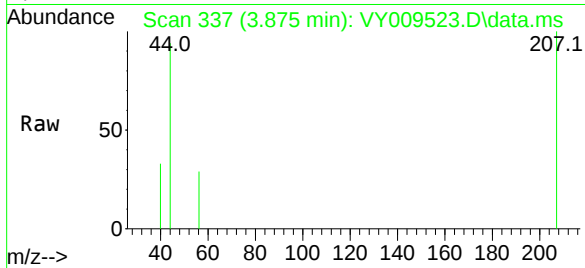




#13
Acrolein
Concen: 30.390 ug/l
RT: 3.875 min Scan# 312
Delta R.T. 0.152 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

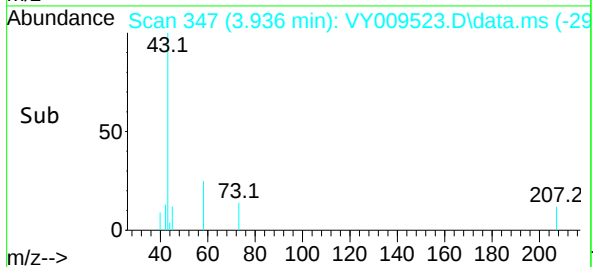
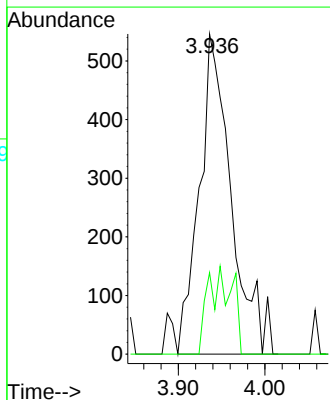
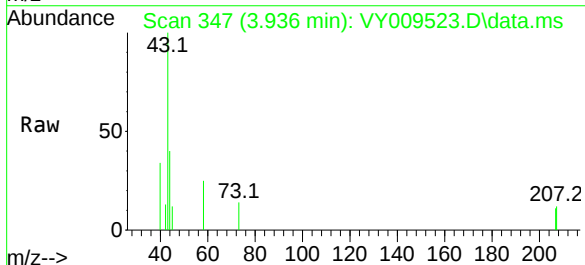
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

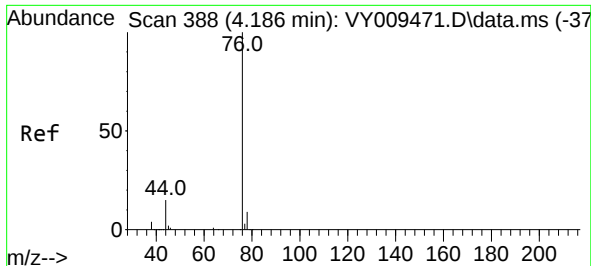
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 3.593 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0

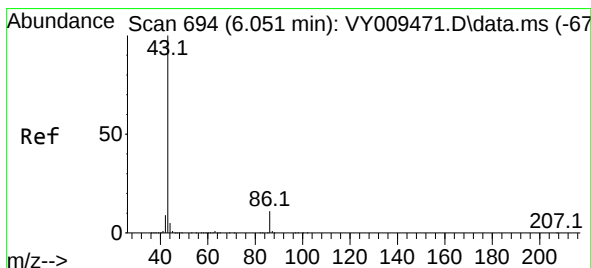
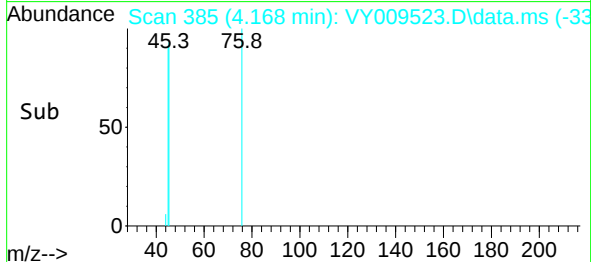
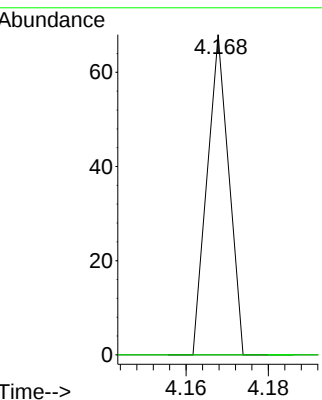
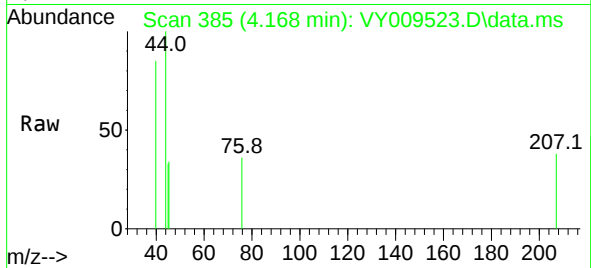




#17
Carbon Disulfide
Concen: 4.427 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

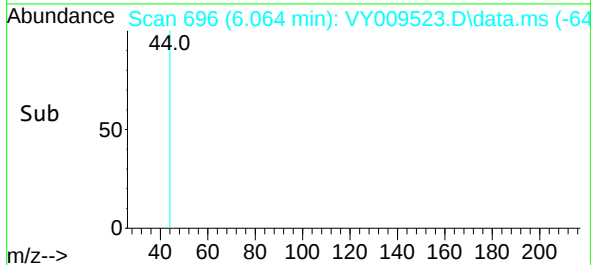
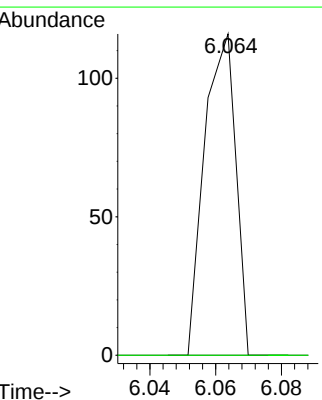
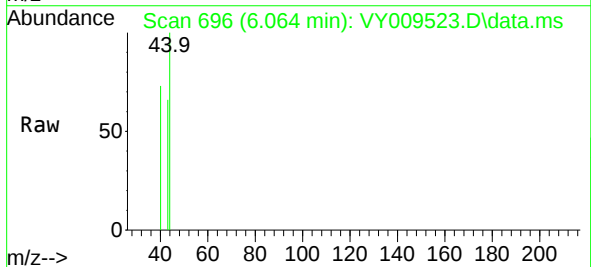
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

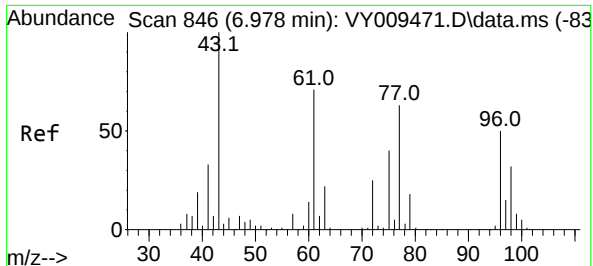
Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.064 min Scan# 696
Delta R.T. 0.013 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 2.993 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009523.D

Acq: 12 Jul 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

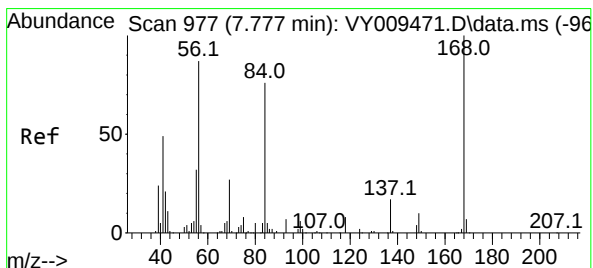
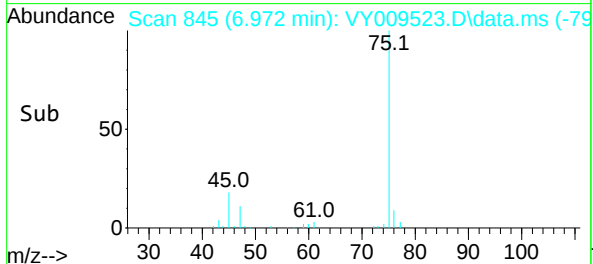
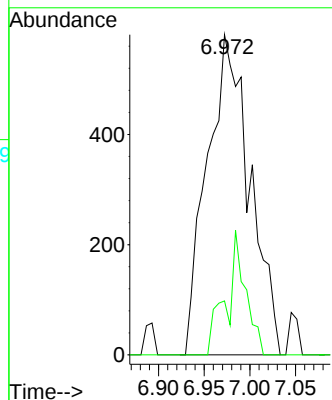
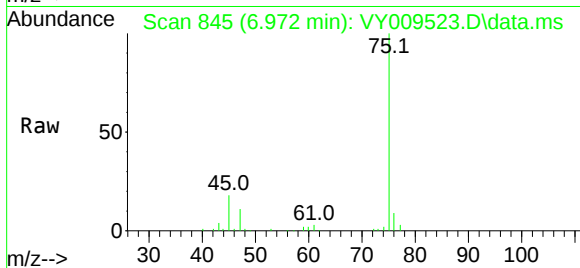
VY0712SBL01

Tgt Ion: 43 Resp: 1885

Ion Ratio Lower Upper

43 100

72 16.9 17.7 26.5#



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009523.D

Acq: 12 Jul 2022 10:33

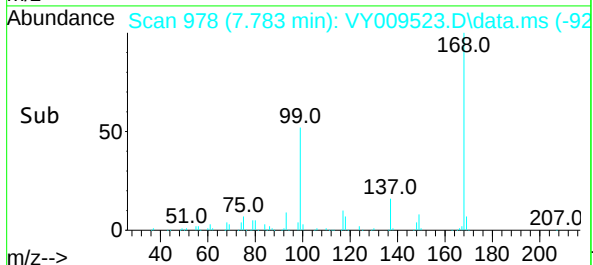
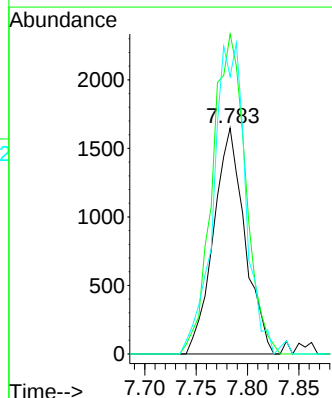
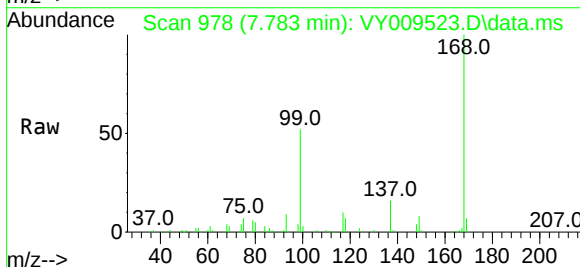
Tgt Ion: 56 Resp: 3487

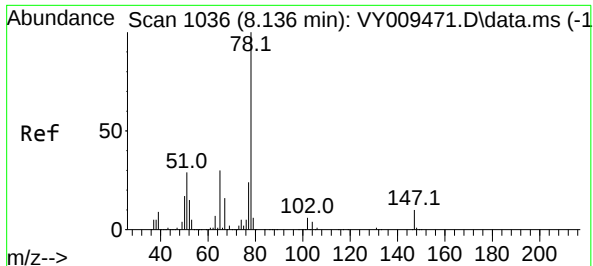
Ion Ratio Lower Upper

56 100

69 141.7 26.7 40.1#

84 122.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 46.520 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009523.D

Acq: 12 Jul 2022 10:33

Instrument :

MSVOA_Y

ClientSampleId :

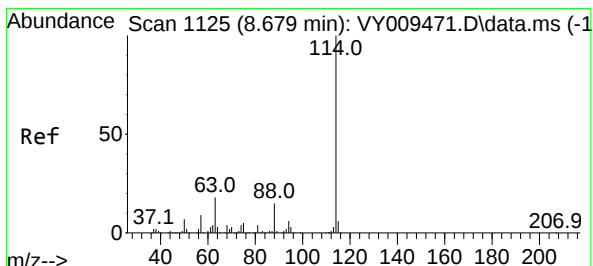
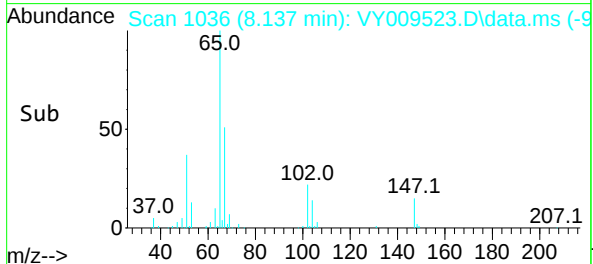
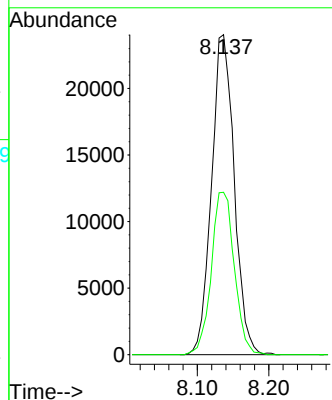
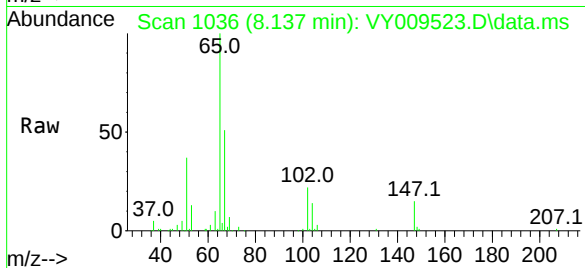
VY0712SBL01

Tgt Ion: 65 Resp: 52954

Ion Ratio Lower Upper

65 100

67 51.6 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: VY009523.D

Acq: 12 Jul 2022 10:33

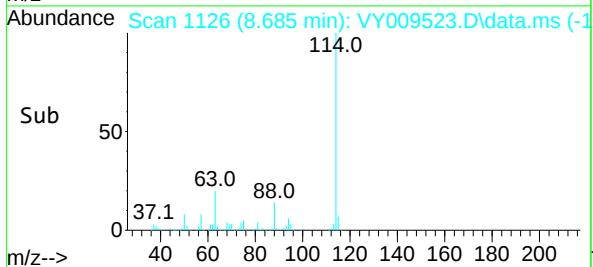
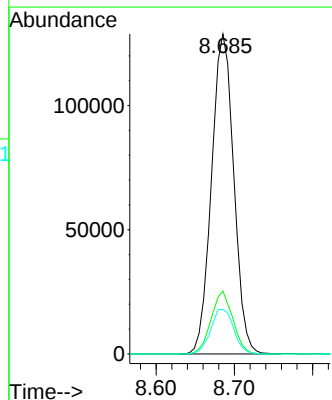
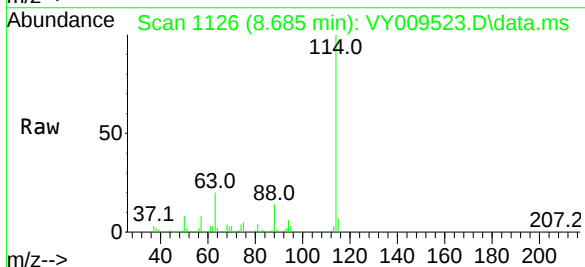
Tgt Ion: 114 Resp: 254502

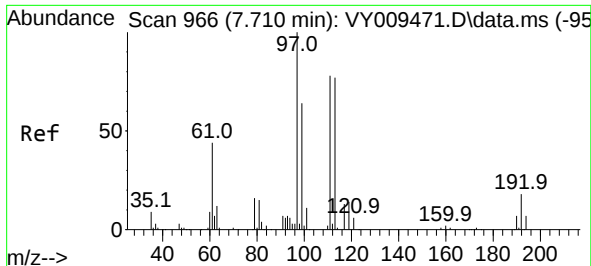
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.9 0.0 31.8

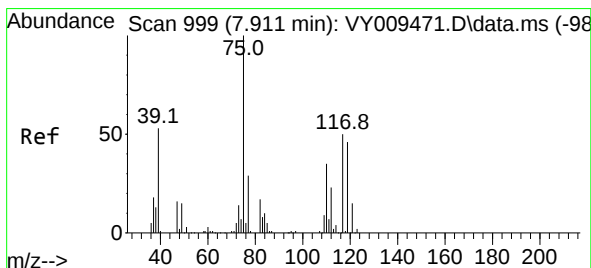
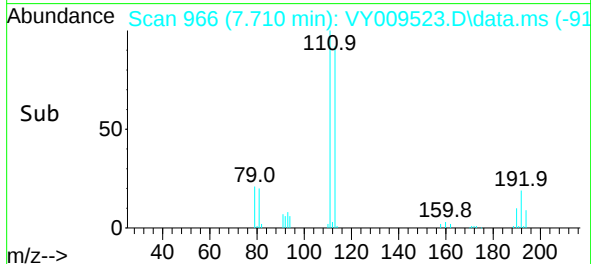
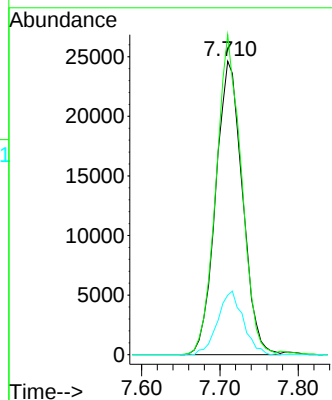
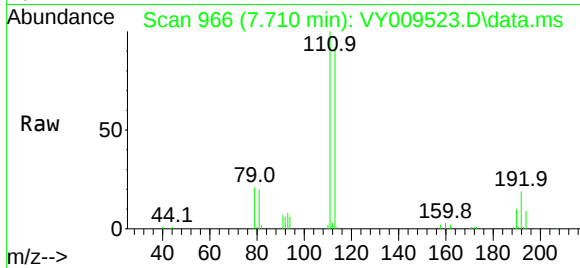




#35
Dibromofluoromethane
Concen: 43.625 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

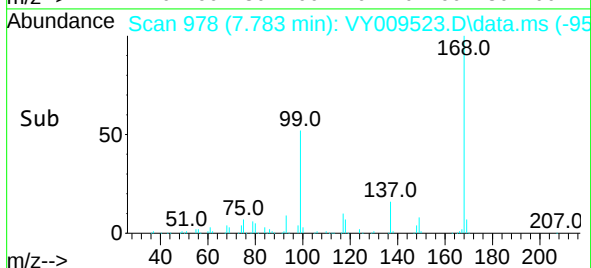
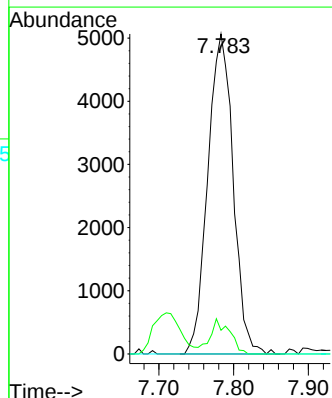
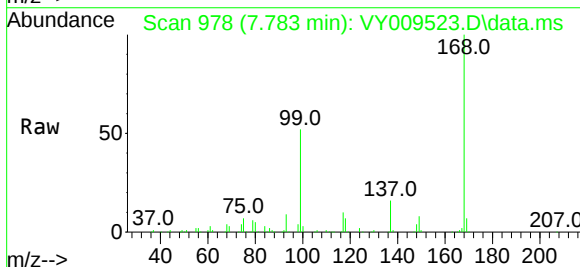
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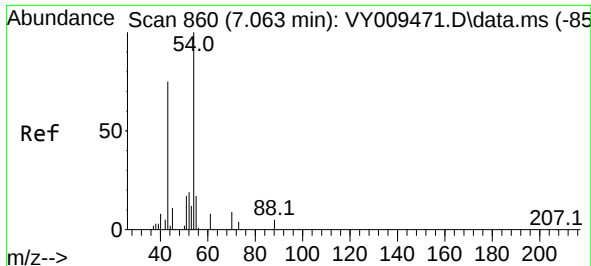
Tgt Ion:113 Resp: 58419
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.477 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 75 Resp: 11941
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.379 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009523.D

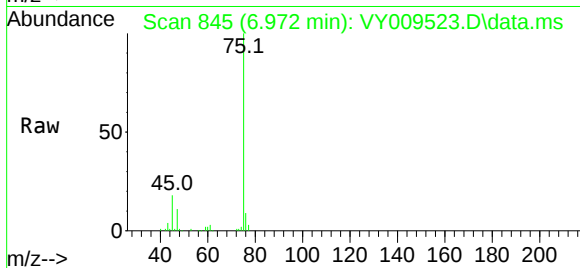
Acq: 12 Jul 2022 10:33

Instrument :

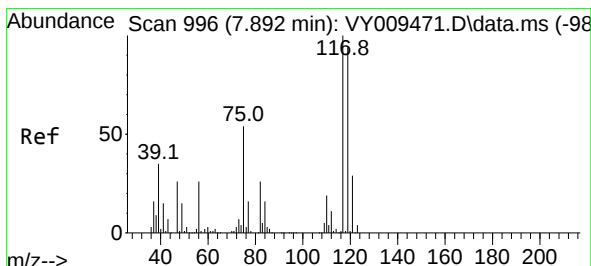
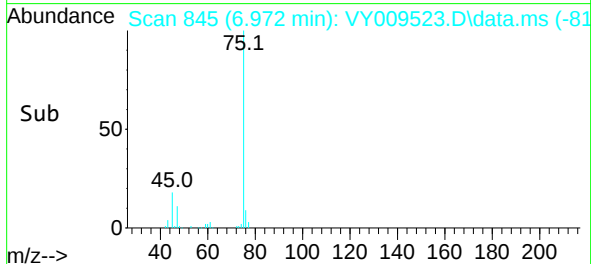
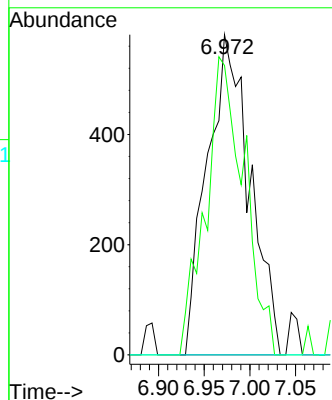
MSVOA_Y

ClientSampleId :

VY0712SBL01



Tgt Ion:	43	Resp:	1885
Ion	Ratio	Lower	Upper
43	100		
61	84.4	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.453 ug/l

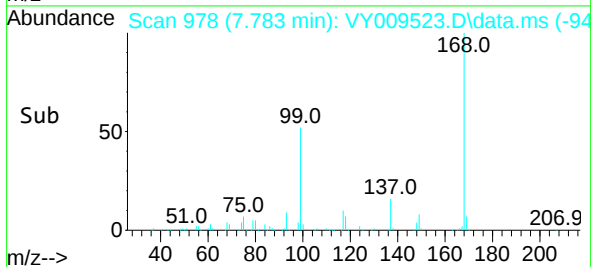
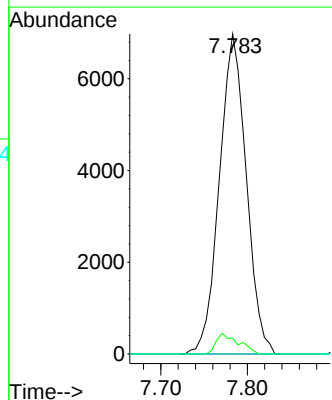
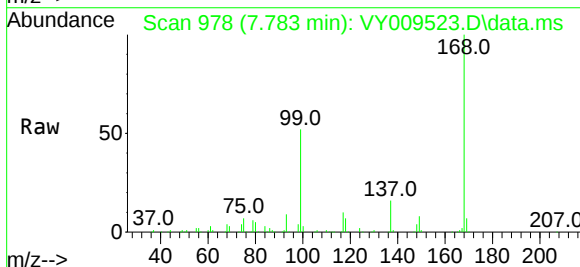
RT: 7.783 min Scan# 978

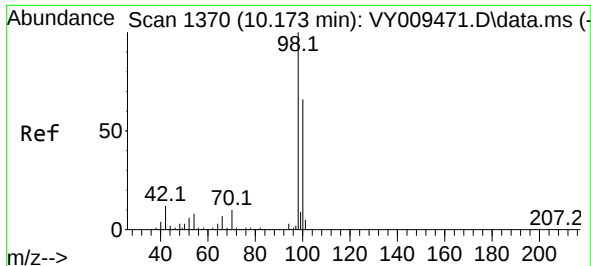
Delta R.T. -0.109 min

Lab File: VY009523.D

Acq: 12 Jul 2022 10:33

Tgt Ion:	117	Resp:	15047
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

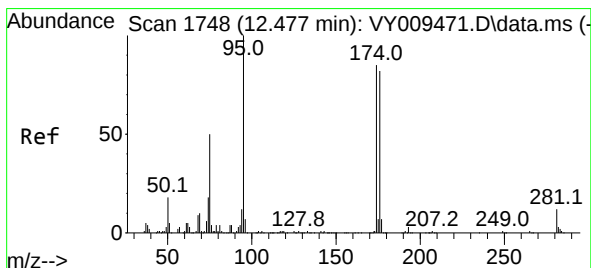
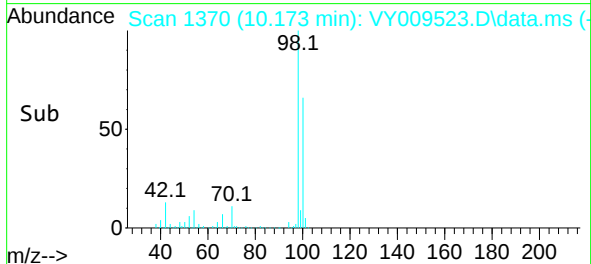
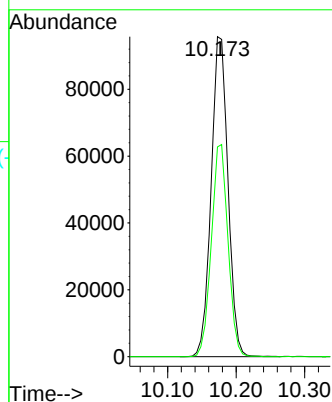
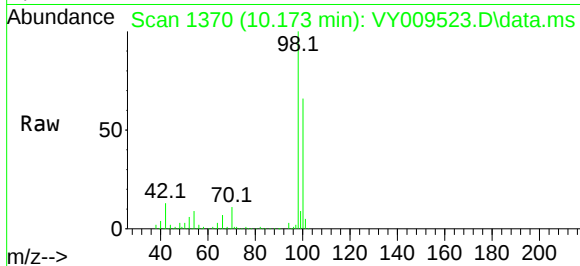




#50
Toluene-d8
Concen: 43.476 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

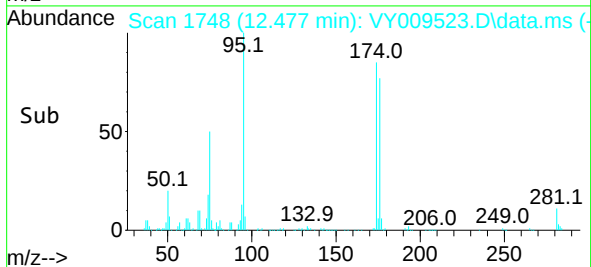
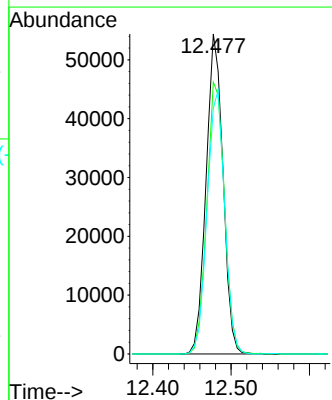
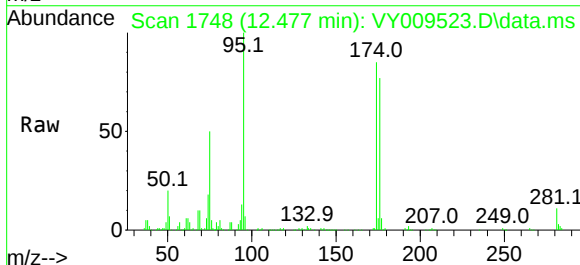
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

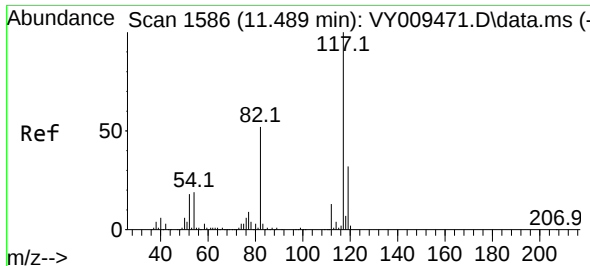
Tgt Ion: 98 Resp: 163513
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 95 Resp: 81196
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 85.4 0.0 175.8

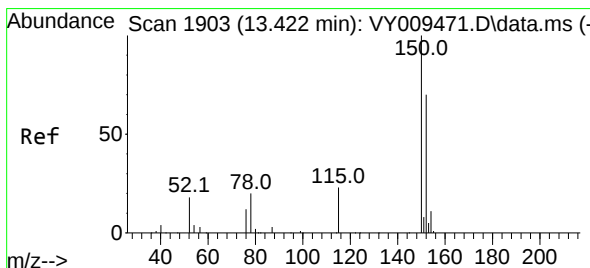
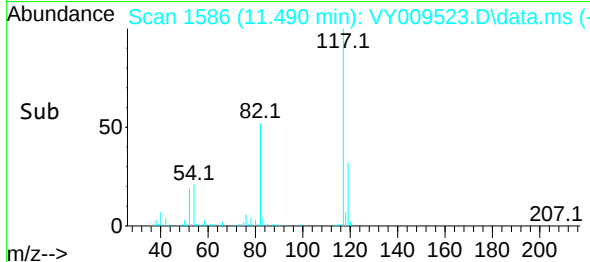
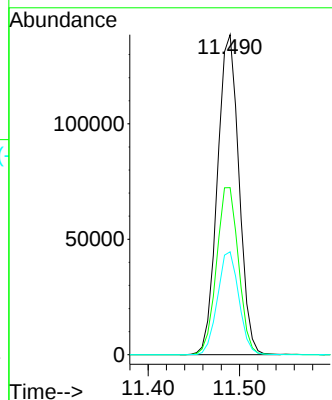
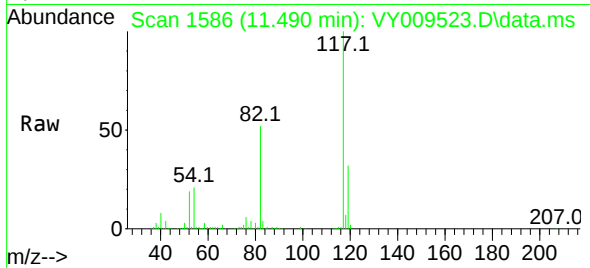




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

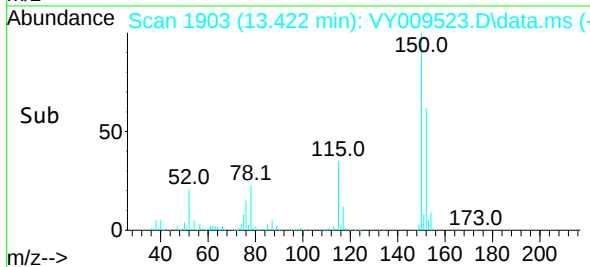
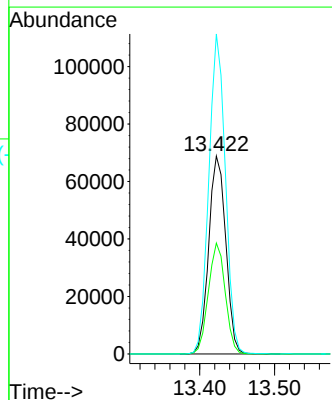
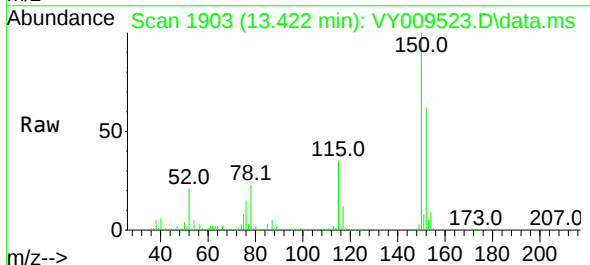
Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

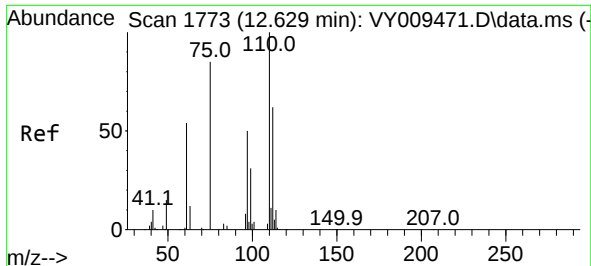
Tgt Ion:117 Resp: 227181
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion:152 Resp: 109210
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.4 0.0 347.6

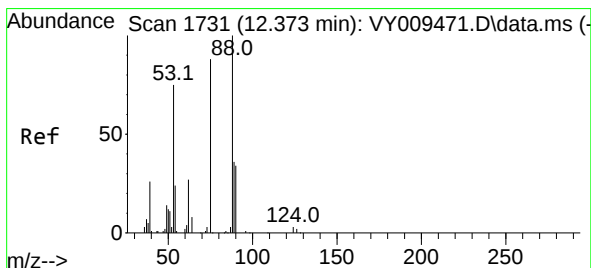
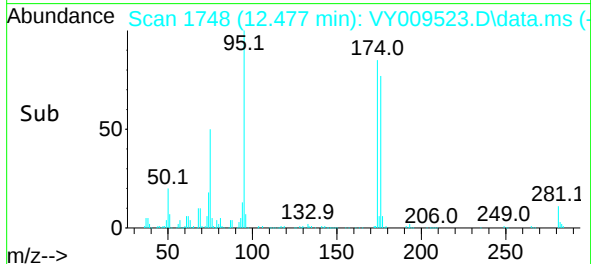
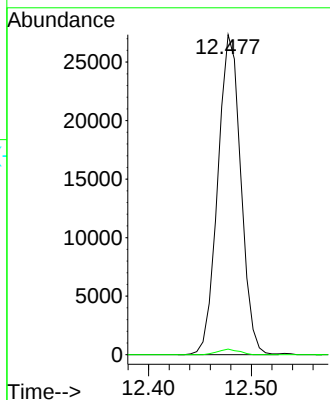
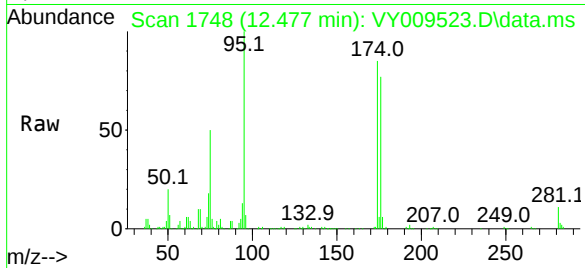




#76
1,2,3-Trichloropropane
Concen: 36.796 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0712SBL01

Tgt Ion: 75 Resp: 42539
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009523.D
Acq: 12 Jul 2022 10:33

Tgt Ion: 75 Resp: 42539
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#

