

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009446.D
 Acq On : 06 Jul 2022 12:11
 Operator : KP/MD
 Sample : VY0706SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

Quant Time: Jul 07 01:48:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

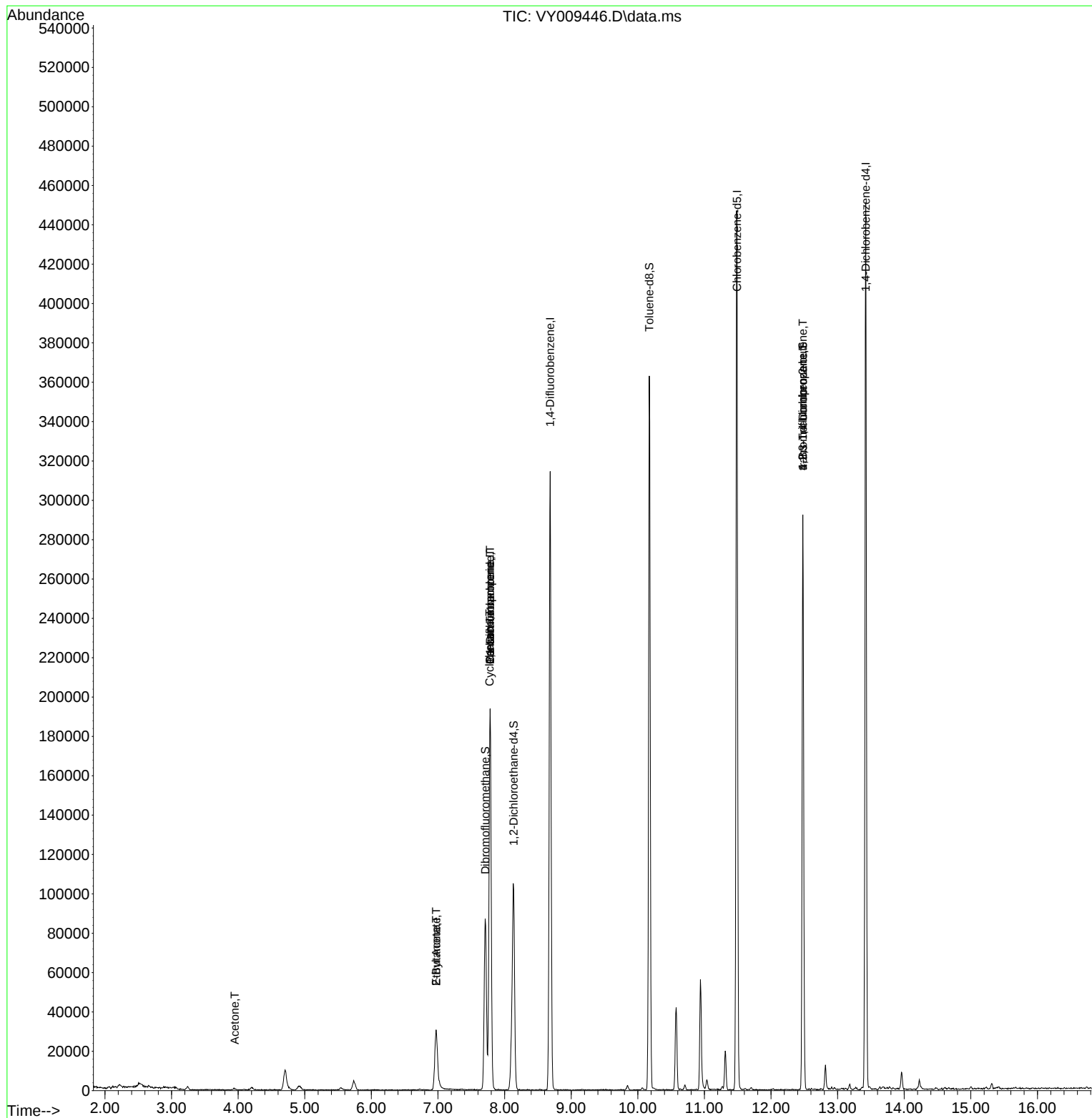
Internal Standards						
1) Pentafluorobenzene	7.783	168	153418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70411	57.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.600%
35) Dibromofluoromethane	7.710	113	60341	41.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.173	98	232291	52.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.477	95	77462	37.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1596	Below Cal	#	85
16) Acetone	3.948	43	1057	2.619	ug/l #	82
18) Methyl Acetate	4.466	43	149	Below Cal	#	56
20) Methylene Chloride	4.704	84	6852	Below Cal	#	82
25) 2-Butanone	6.972	43	1892	2.957	ug/l #	86
31) Cyclohexane	7.777	56	3169	1.147	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	11224	4.462	ug/l #	51
37) Ethyl Acetate	6.972	43	1892	1.268	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14542	5.530	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	41542	32.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41542	71.324	ug/l #	7

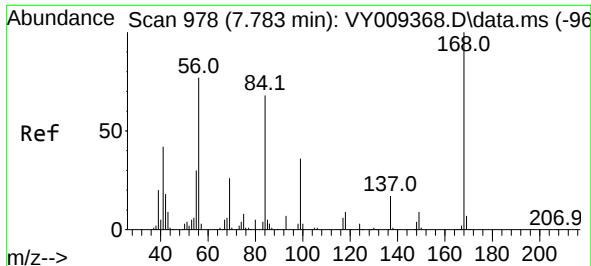
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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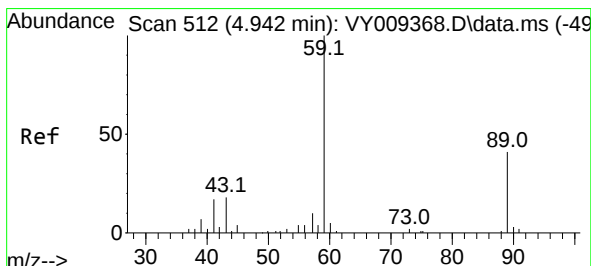
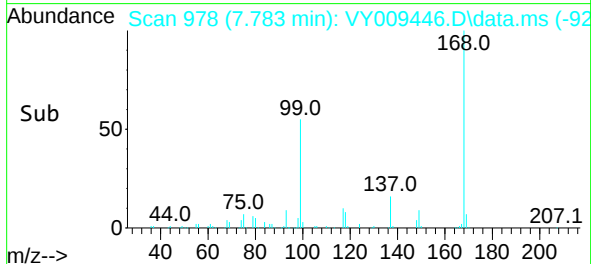
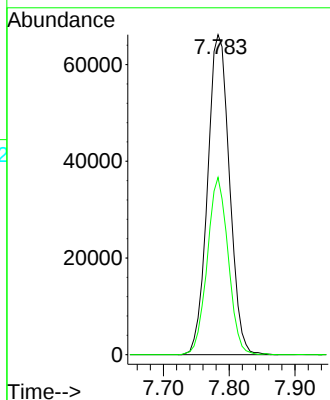
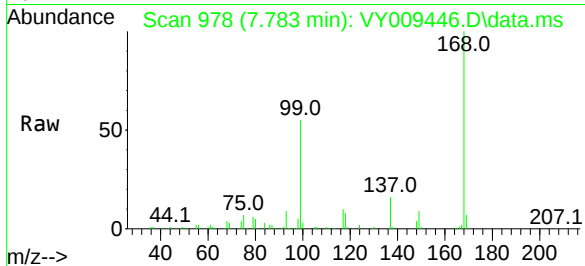




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

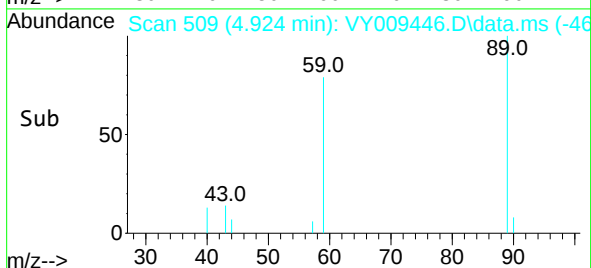
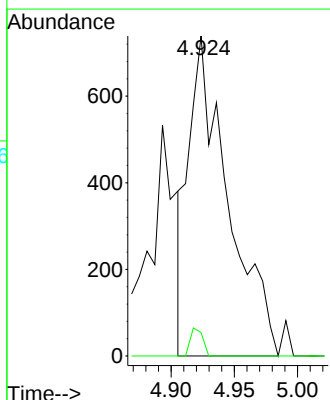
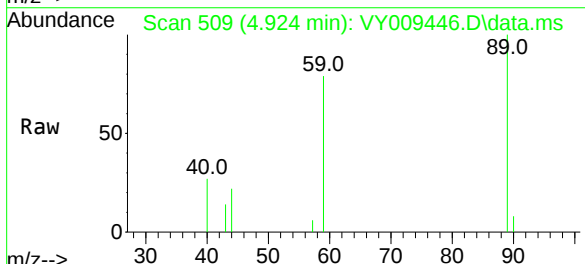
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

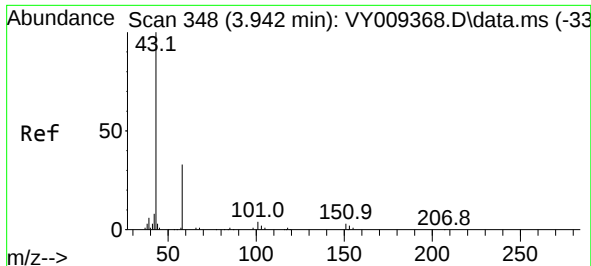
Tgt Ion:168 Resp: 153418
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 59 Resp: 1596
Ion Ratio Lower Upper
59 100
57 2.8 6.4 9.6#

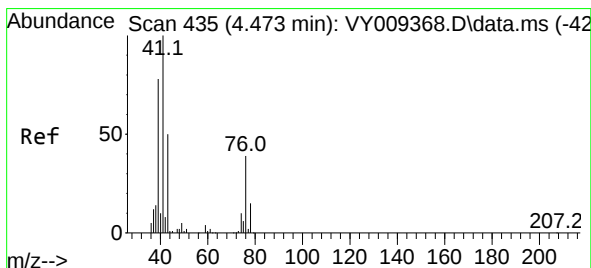
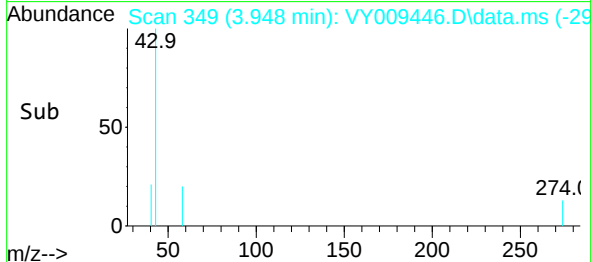
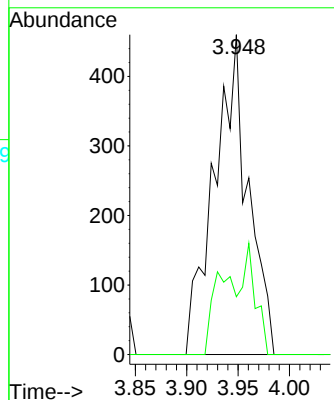
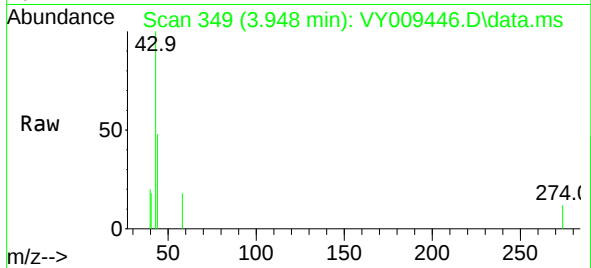




#16
Acetone
Concen: 2.619 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

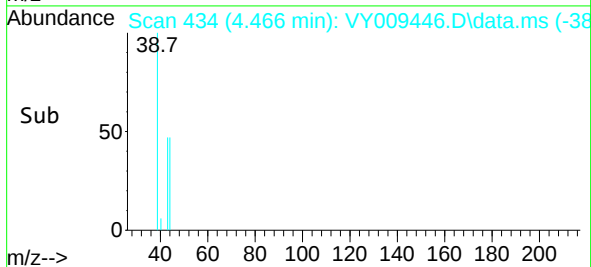
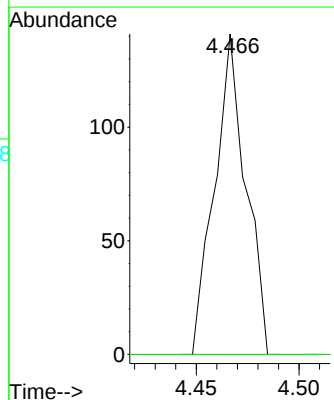
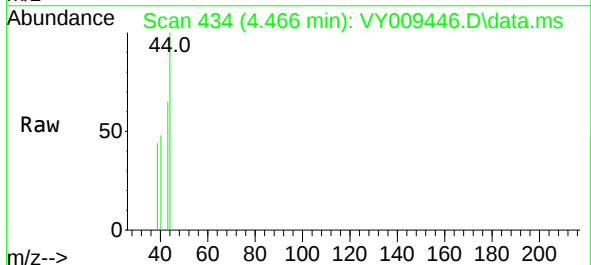
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

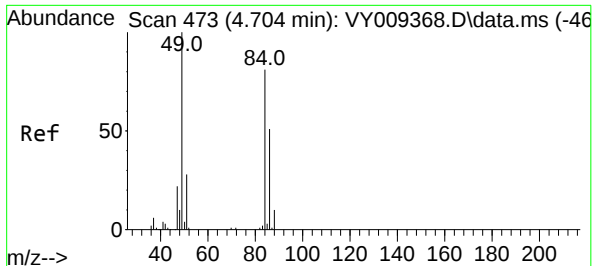
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 18.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

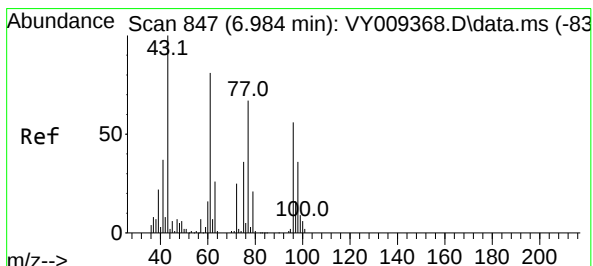
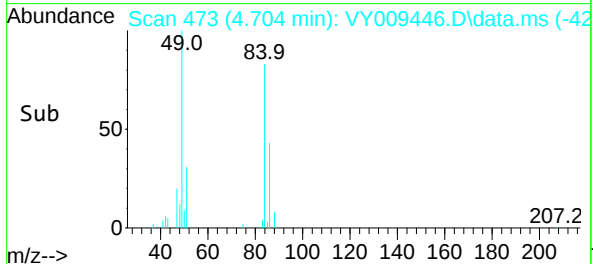
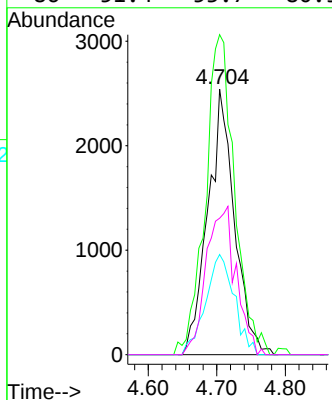
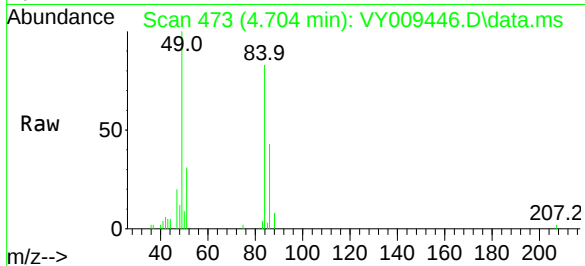




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

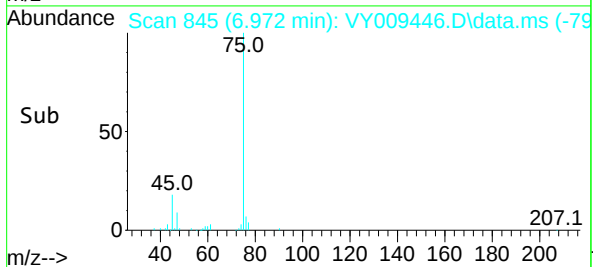
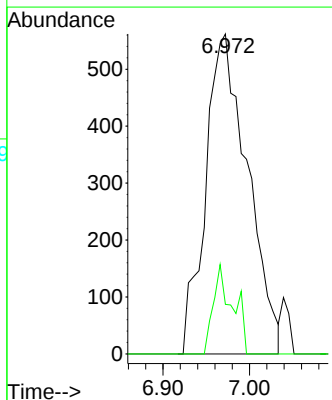
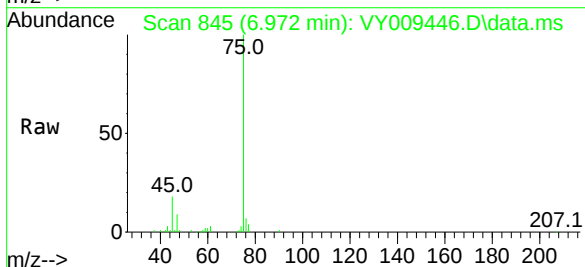
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

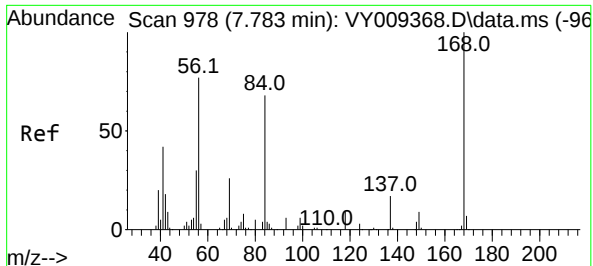
Tgt Ion: 84 Resp: 6852
Ion Ratio Lower Upper
84 100
49 118.0 114.4 171.6
51 37.7 35.3 52.9
86 51.4 53.7 80.5#



#25
2-Butanone
Concen: 2.957 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
72 15.5 17.7 26.5#

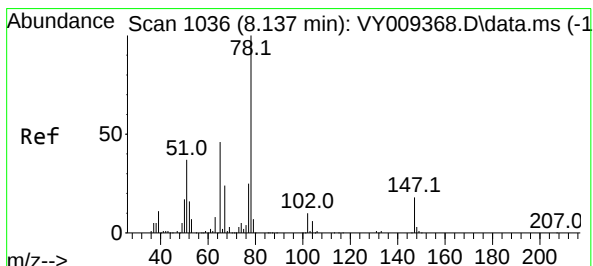
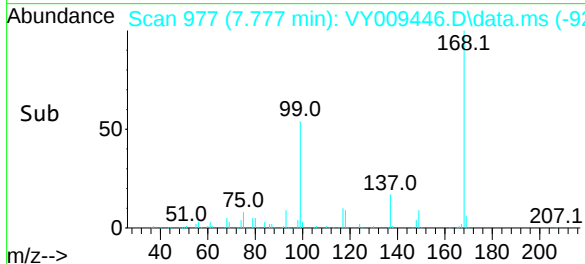
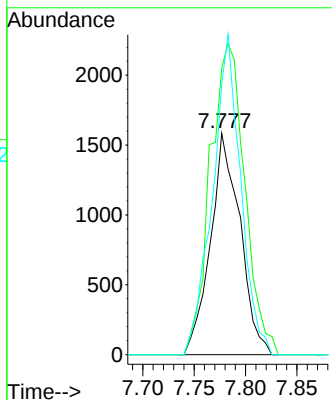
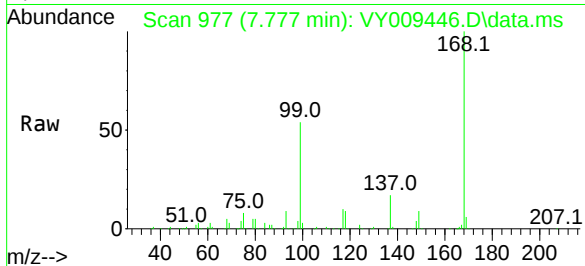




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

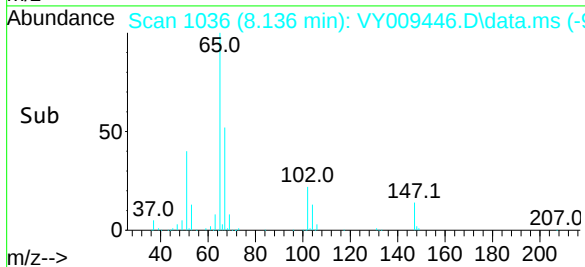
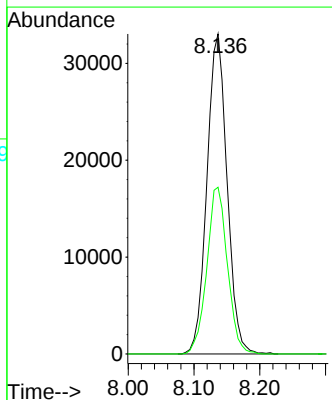
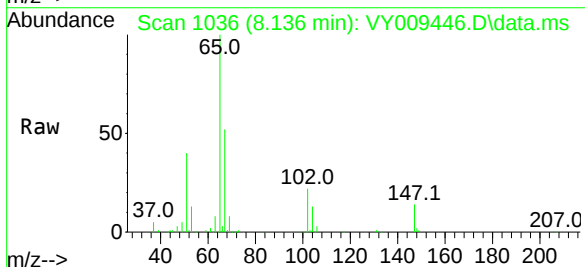
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

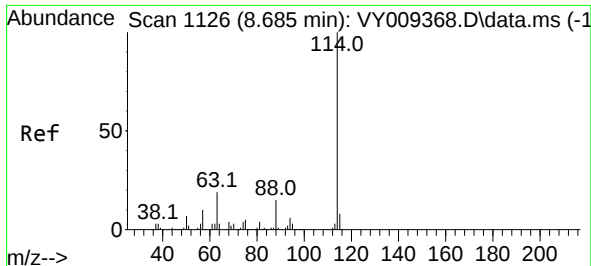
Tgt Ion: 56 Resp: 3169
Ion Ratio Lower Upper
56 100
69 129.5 26.7 40.1#
84 122.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.300 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 65 Resp: 70411
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009446.D

Acq: 06 Jul 2022 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBL01

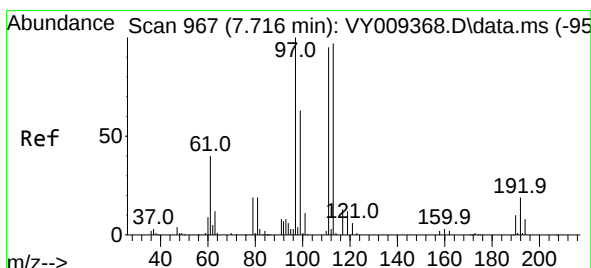
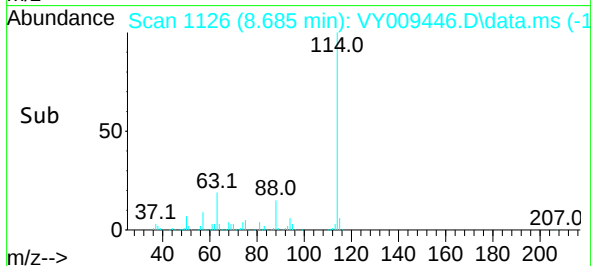
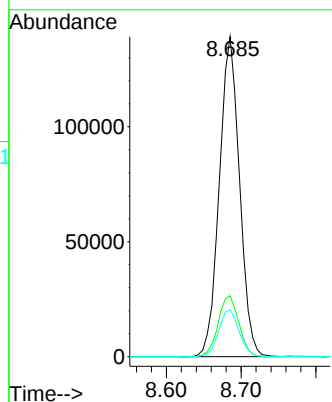
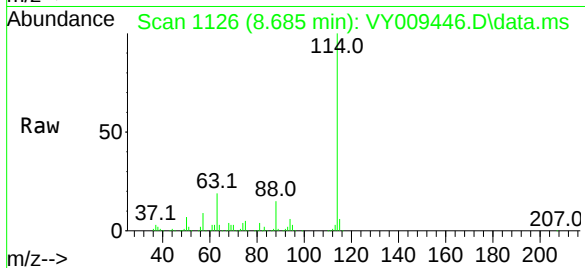
Tgt Ion:114 Resp: 261411

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.940 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

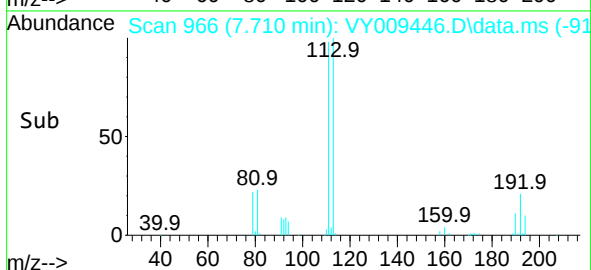
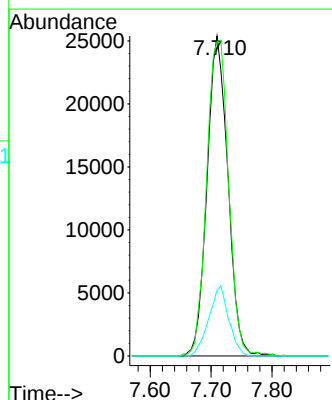
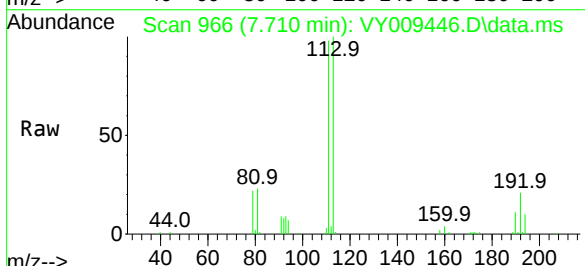
Tgt Ion:113 Resp: 60341

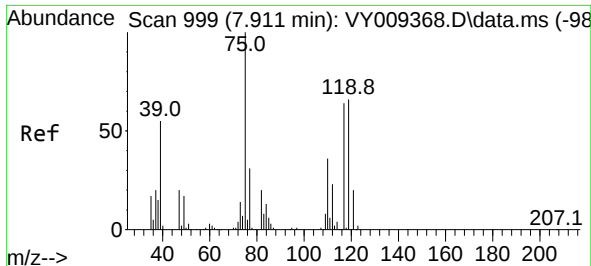
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.462 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009446.D

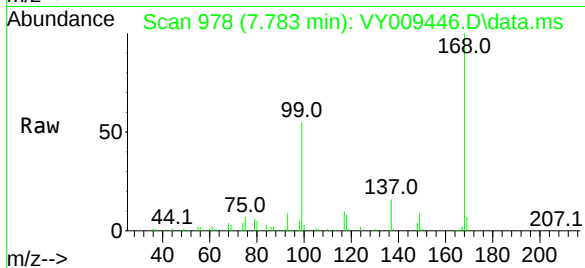
Acq: 06 Jul 2022 12:11

Instrument :

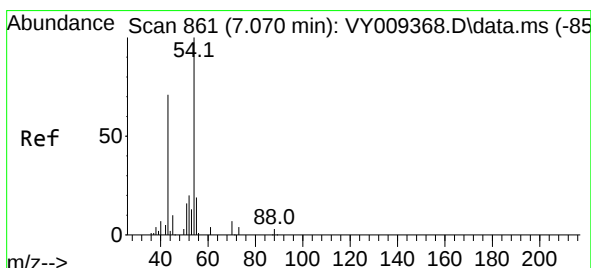
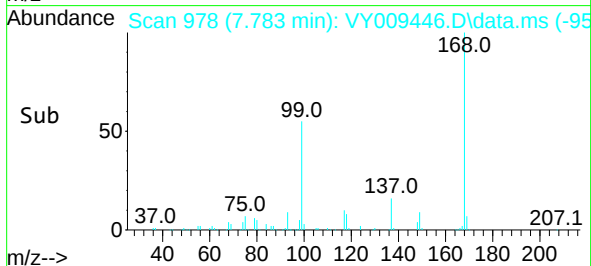
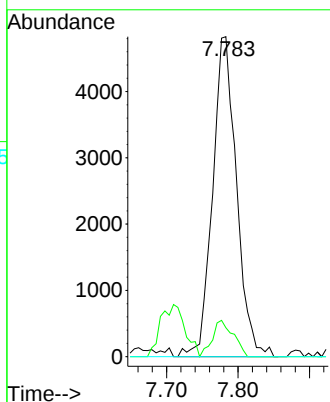
MSVOA_Y

ClientSampleId :

VY0706SBL01



Tgt Ion: 75	Resp: 11224
Ion Ratio	Lower Upper
75	100
110	9.9 17.1 51.2#
77	0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.268 ug/l

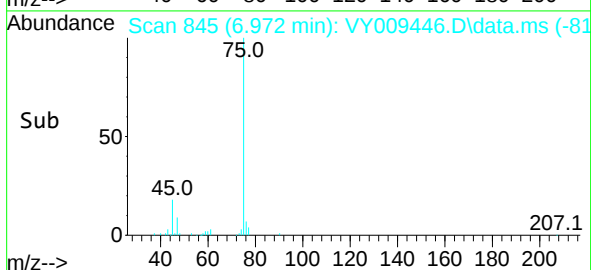
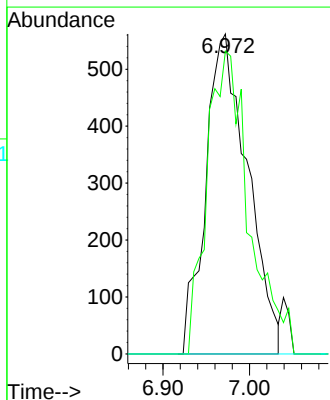
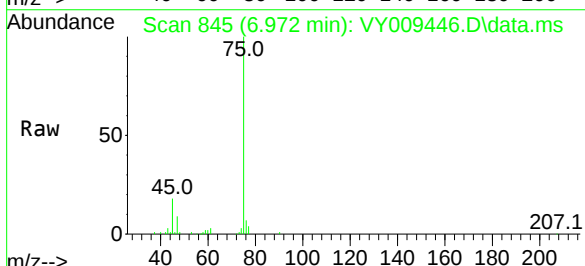
RT: 6.972 min Scan# 845

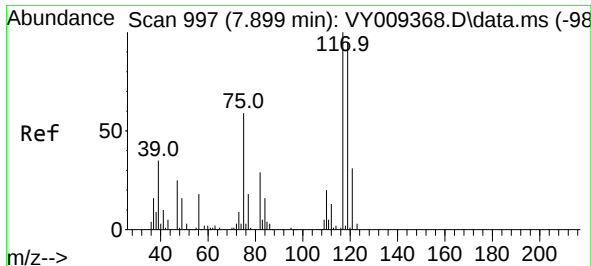
Delta R.T. -0.098 min

Lab File: VY009446.D

Acq: 06 Jul 2022 12:11

Tgt Ion: 43	Resp: 1892
Ion Ratio	Lower Upper
43	100
61	94.9 9.7 14.5#
70	0.0 7.1 10.7#

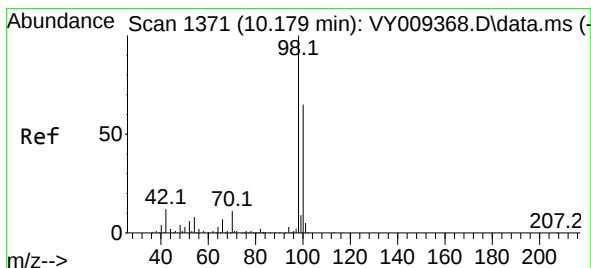
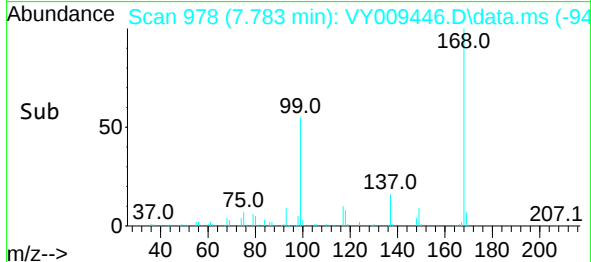
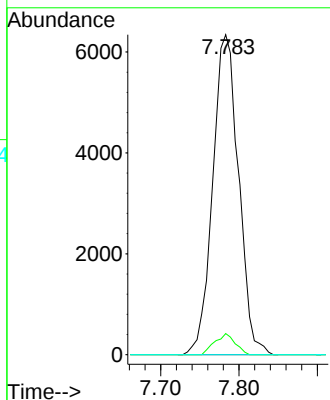
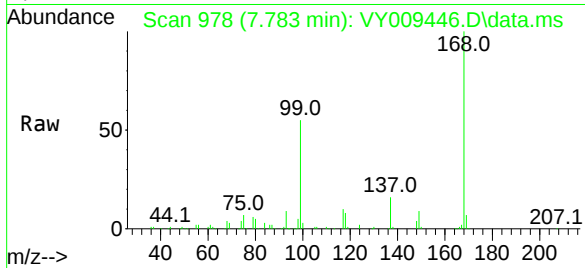




#38
Carbon Tetrachloride
Concen: 5.530 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

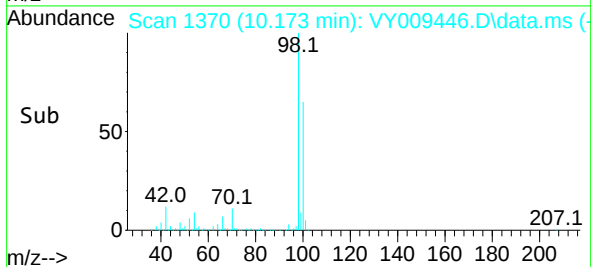
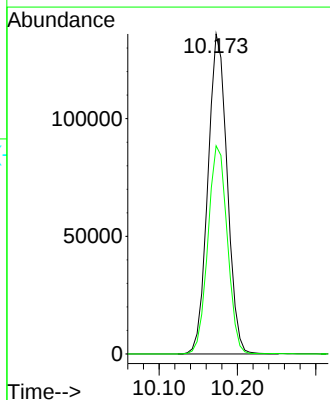
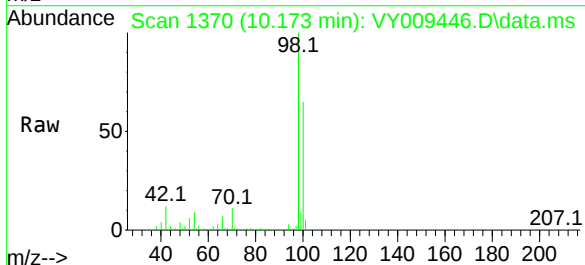
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

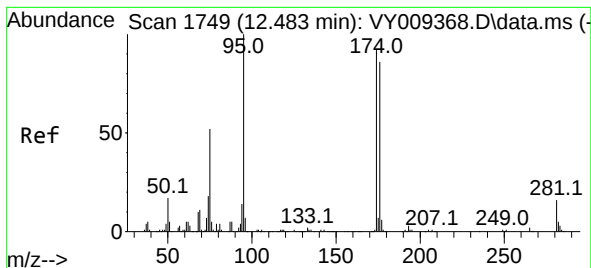
Tgt Ion:117 Resp: 14542
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.659 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 98 Resp: 232291
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

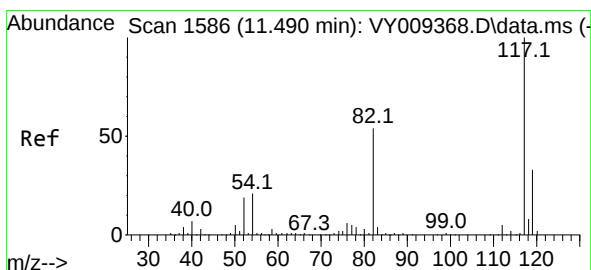
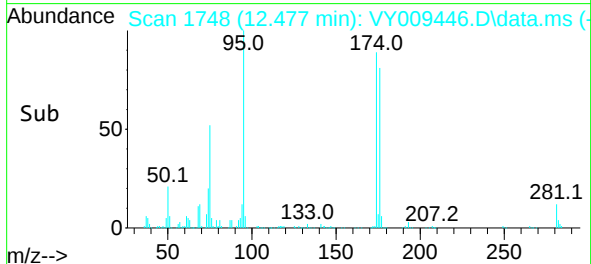
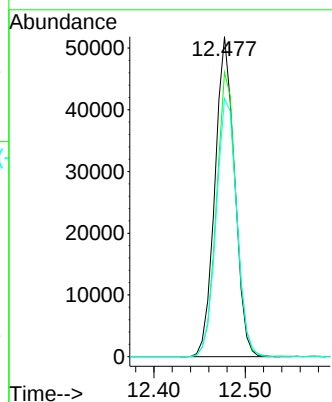
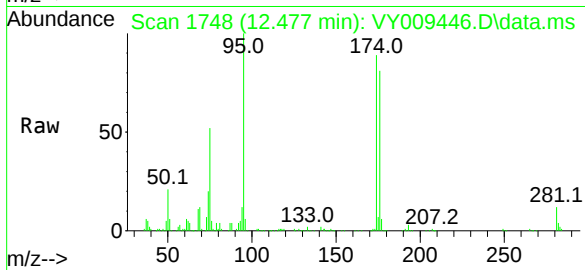




#62
4-Bromofluorobenzene
Concen: 37.026 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

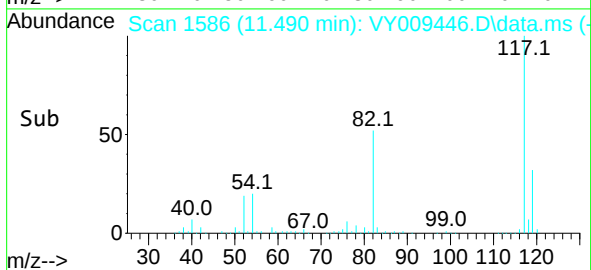
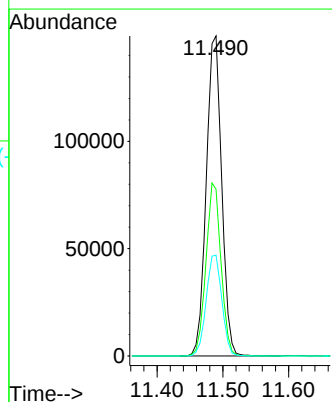
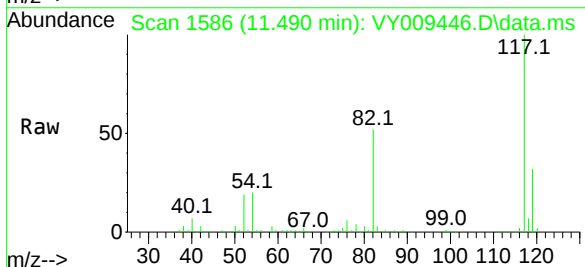
Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBL01

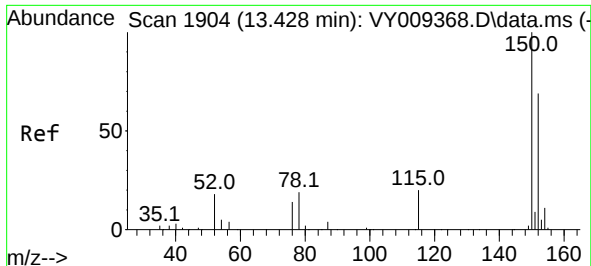
Tgt Ion: 95 Resp: 77462
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009446.D
Acq: 06 Jul 2022 12:11

Tgt Ion: 117 Resp: 242791
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.5 25.4 38.0

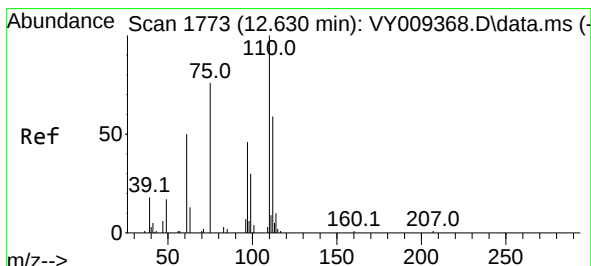
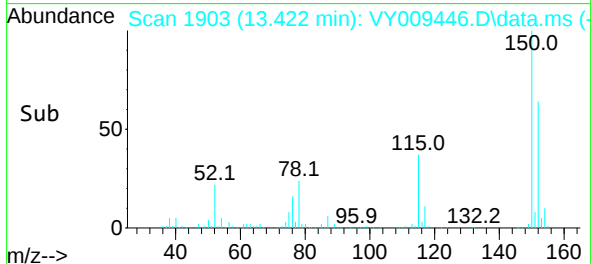
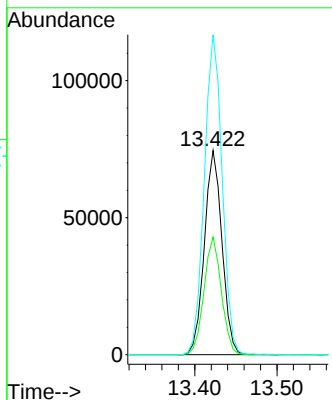
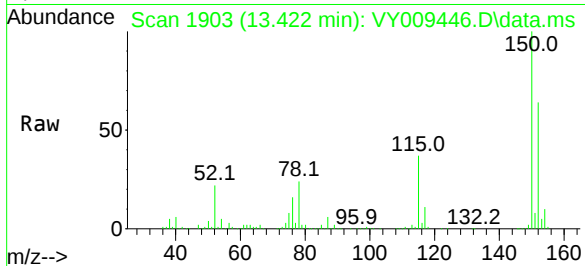




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009446.D
 Acq: 06 Jul 2022 12:11

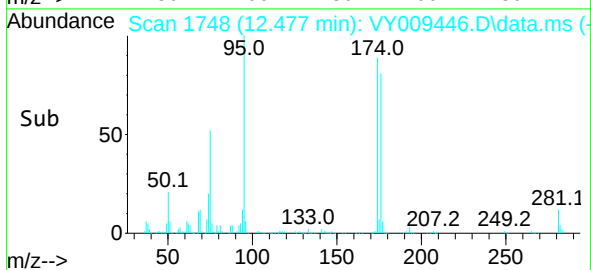
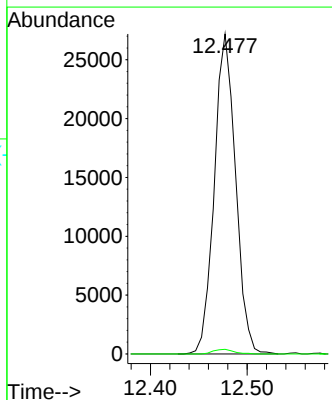
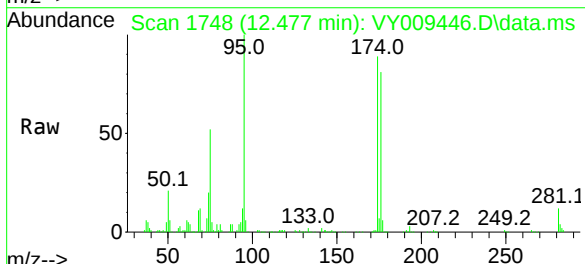
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

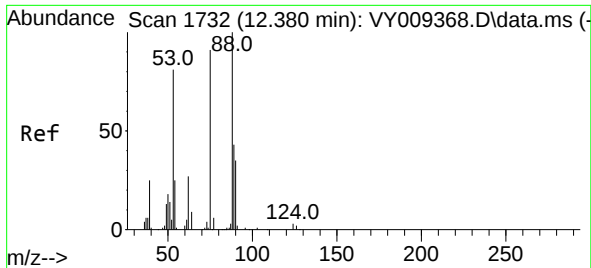
Tgt Ion:152 Resp: 110734
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 158.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 32.035 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009446.D
 Acq: 06 Jul 2022 12:11

Tgt Ion: 75 Resp: 41542
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.324 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009446.D
 Acq: 06 Jul 2022 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBL01

Tgt Ion: 75 Resp: 41542
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

