

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009412.D
 Acq On : 01 Jul 2022 10:41
 Operator : KP/MD
 Sample : VY0701SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0701SBL01

Quant Time: Jul 01 15:32:37 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)

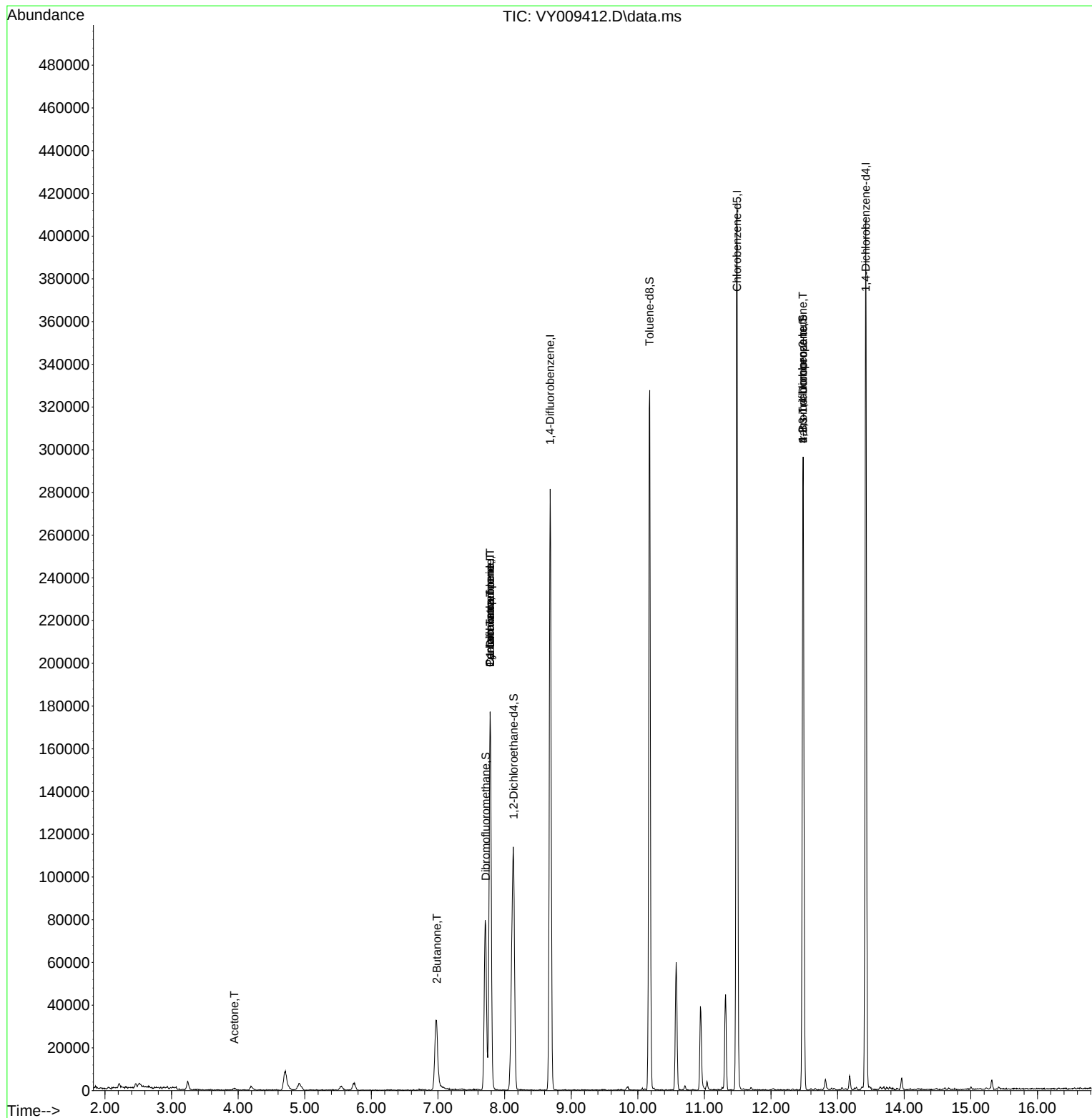
Internal Standards						
1) Pentafluorobenzene	7.783	168	138891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64334	57.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.660%
35) Dibromofluoromethane	7.716	113	55412	42.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.700%
50) Toluene-d8	10.179	98	209590	52.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.477	95	66808	35.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.220%
Target Compounds						
11) Tert butyl alcohol	4.924	59	4008	Below Cal	#	81
16) Acetone	3.942	43	1471	4.026	ug/l #	70
18) Methyl Acetate	4.491	43	32	Below Cal	#	56
20) Methylene Chloride	4.710	84	6222	Below Cal	#	86
25) 2-Butanone	6.984	43	2356	4.068	ug/l #	83
31) Cyclohexane	7.783	56	3093	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10929	4.777	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13391	5.599	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	37061	31.382	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37061	69.873	ug/l #	7

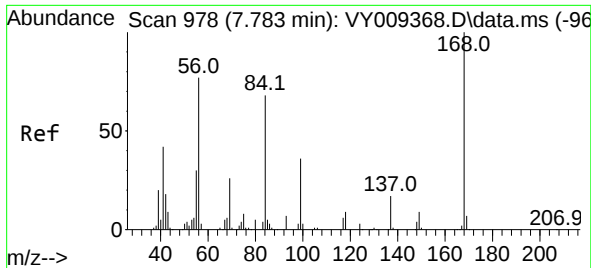
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
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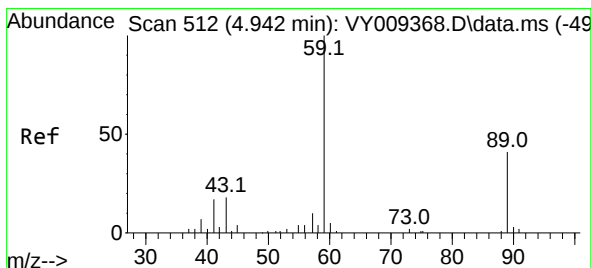
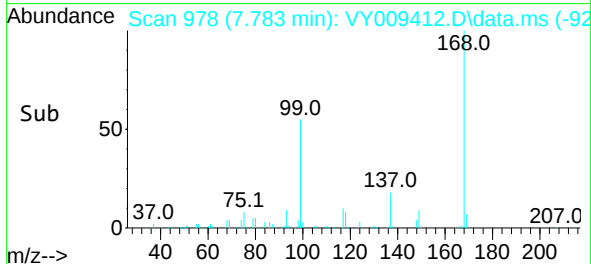
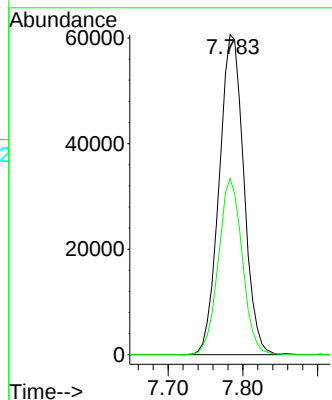
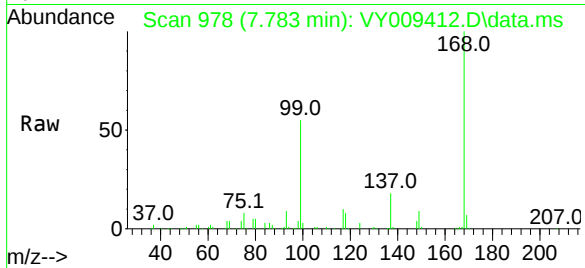




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

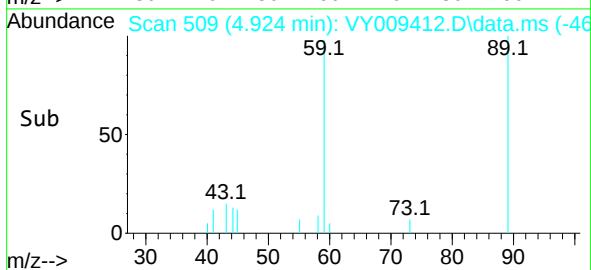
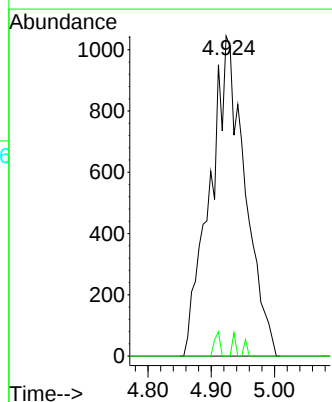
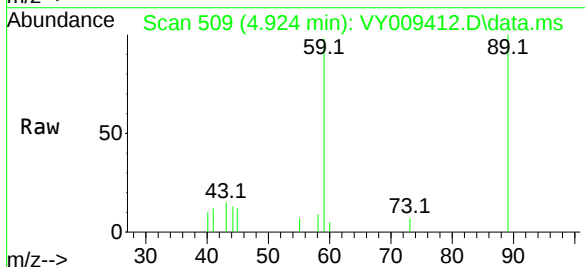
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

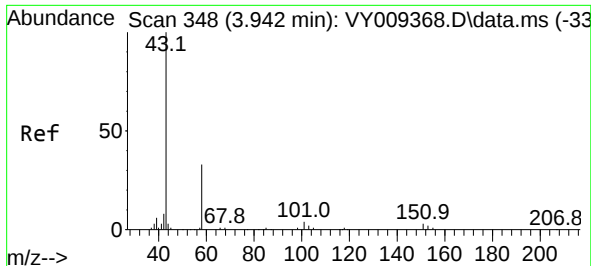
Tgt Ion:168 Resp: 138891
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 59 Resp: 4008
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#

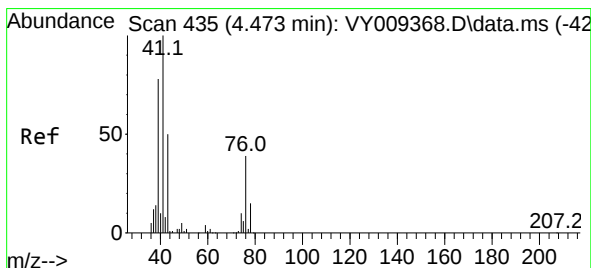
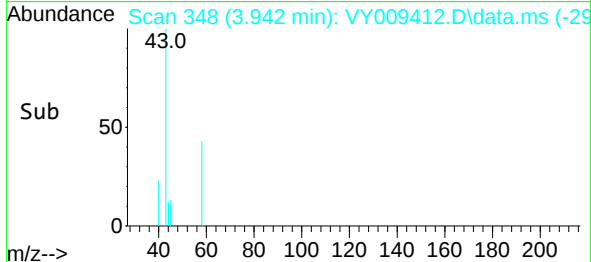
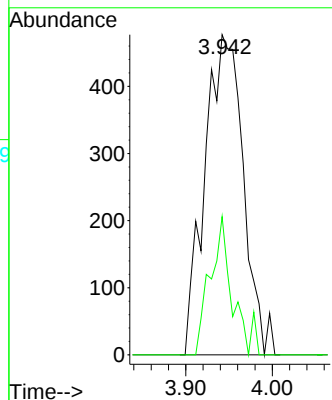
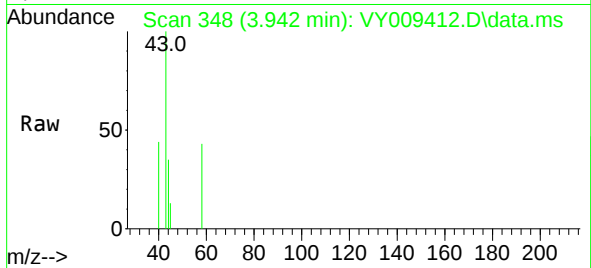




#16
Acetone
Concen: 4.026 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

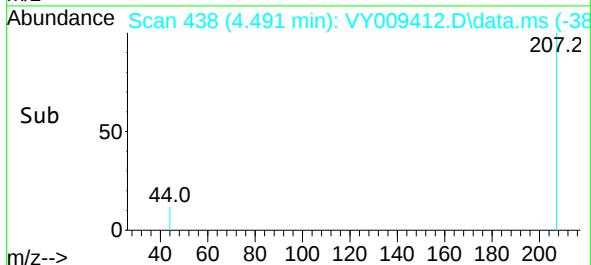
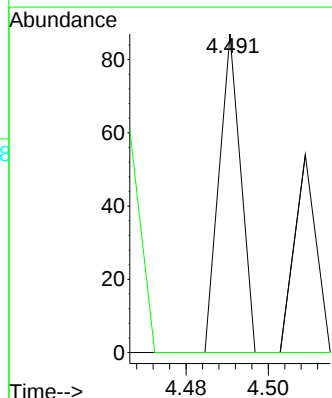
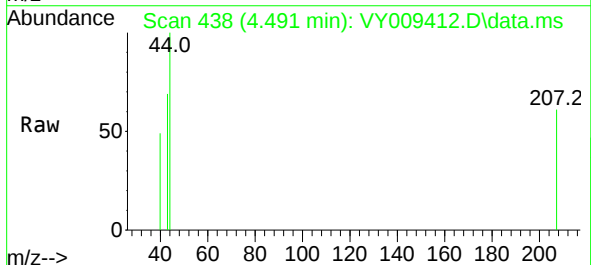
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

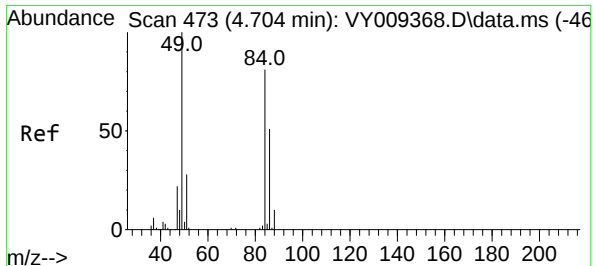
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 43.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 43 Resp: 32
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009412.D

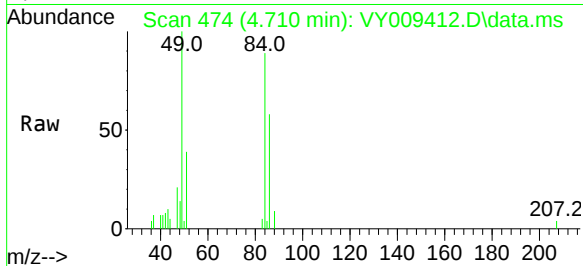
Acq: 01 Jul 2022 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBL01



Tgt Ion: 84 Resp: 6222

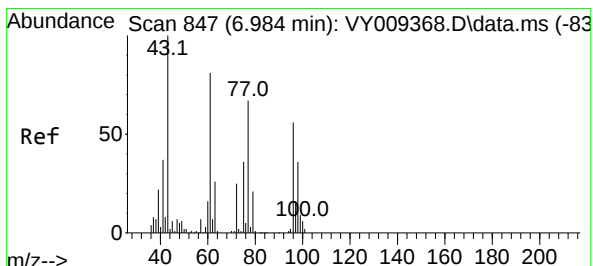
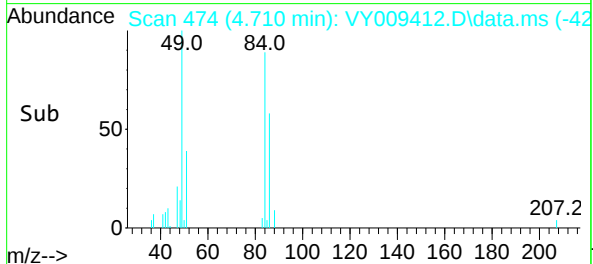
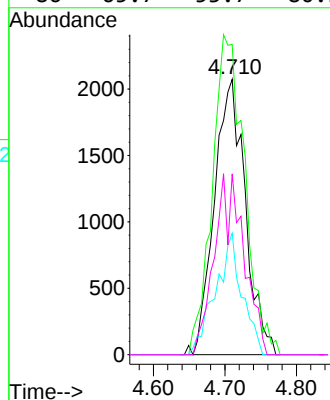
Ion Ratio Lower Upper

84 100

49 112.6 114.4 171.6#

51 44.1 35.3 52.9

86 65.7 53.7 80.5



#25

2-Butanone

Concen: 4.068 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009412.D

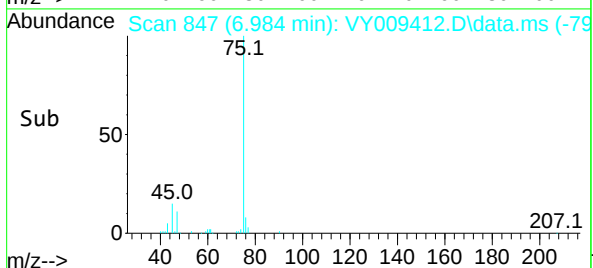
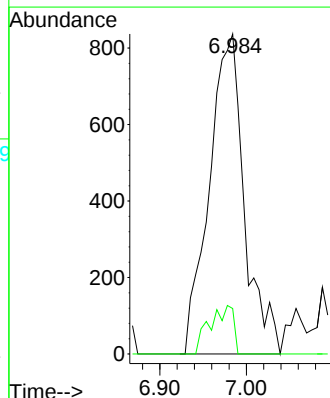
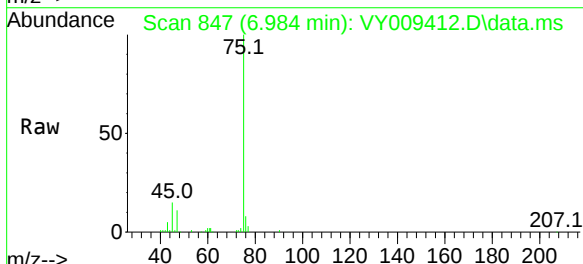
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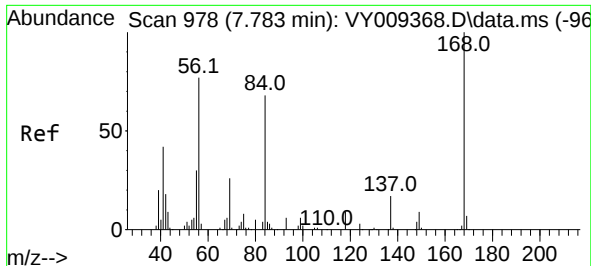
Tgt Ion: 43 Resp: 2356

Ion Ratio Lower Upper

43 100

72 14.2 17.7 26.5#

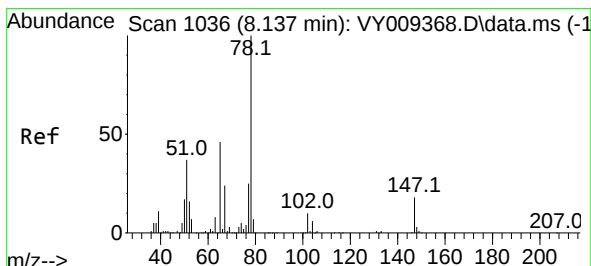
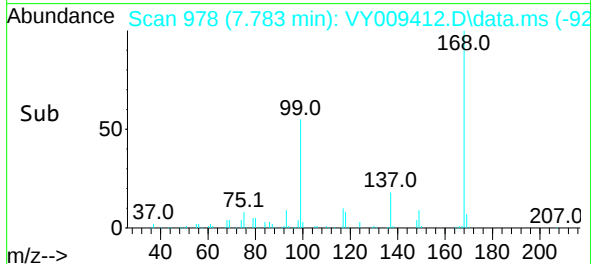
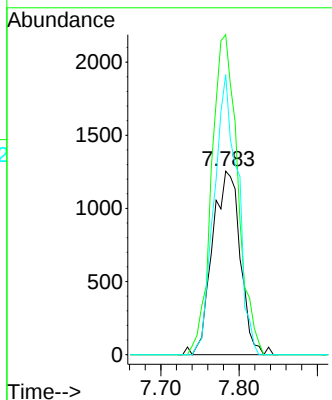
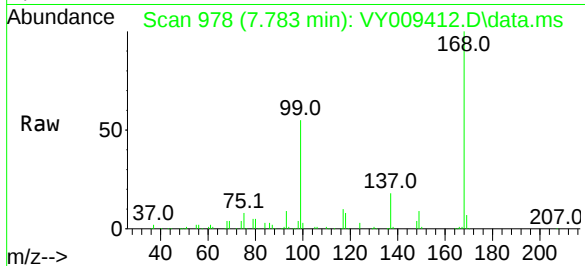




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

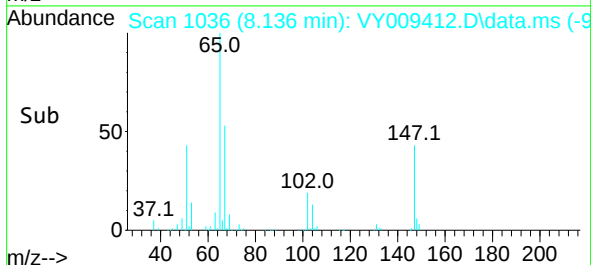
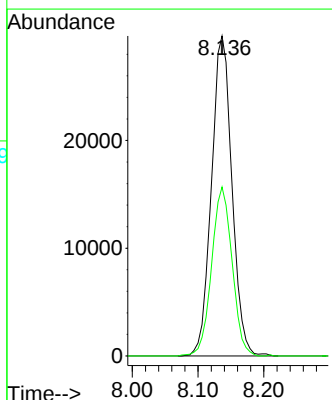
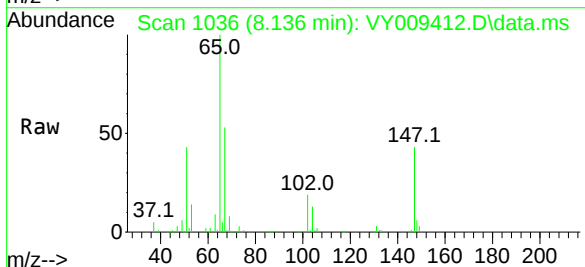
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

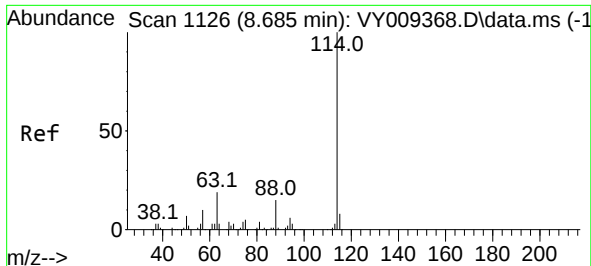
Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 174.3 26.7 40.1#
84 152.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.830 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 65 Resp: 64334
Ion Ratio Lower Upper
65 100
67 52.8 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: VY009412.D

Acq: 01 Jul 2022 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0701SBL01

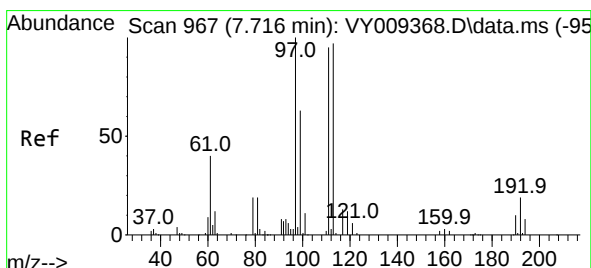
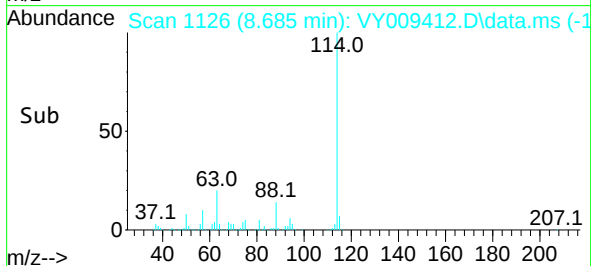
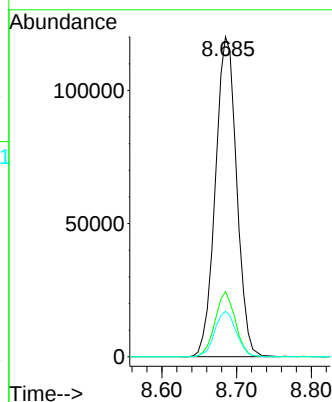
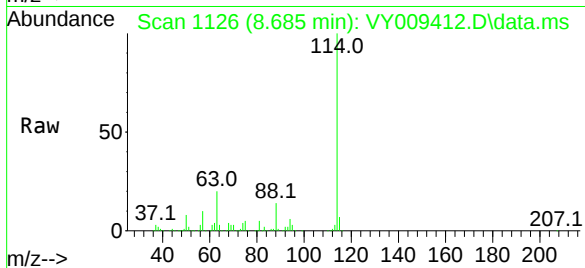
Tgt Ion:114 Resp: 237756

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.346 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009412.D

Acq: 01 Jul 2022 10:41

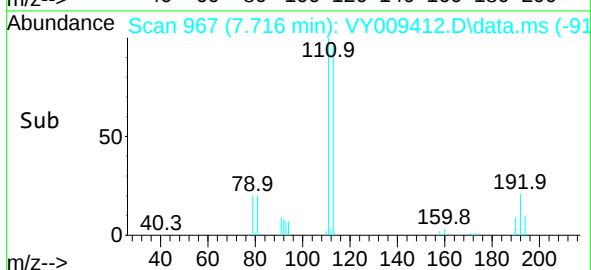
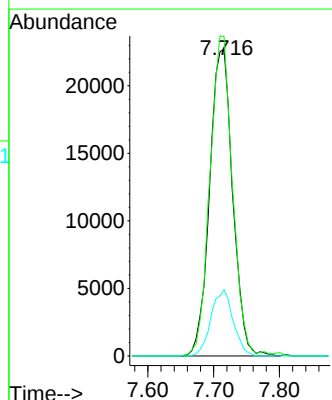
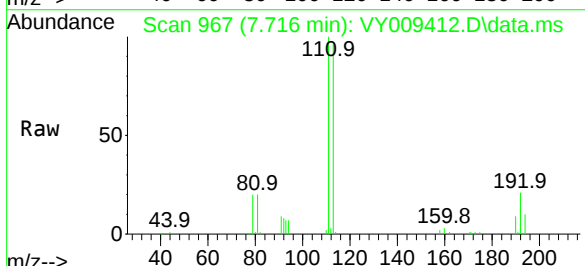
Tgt Ion:113 Resp: 55412

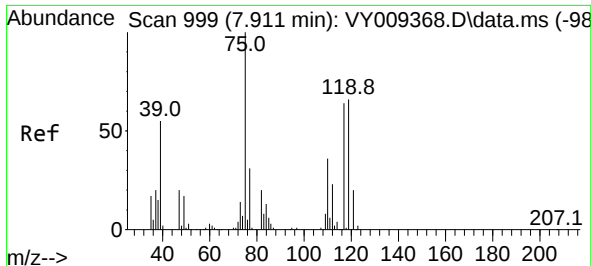
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.8 17.6 26.4

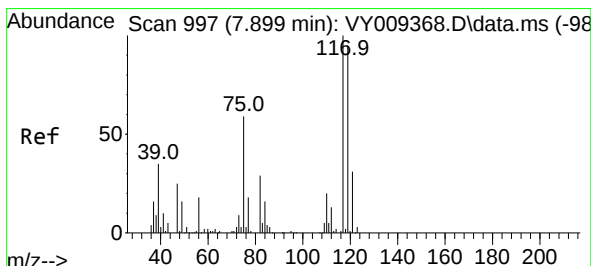
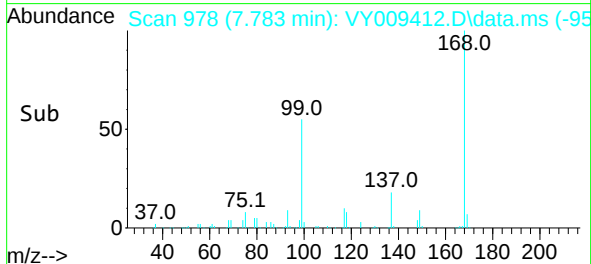
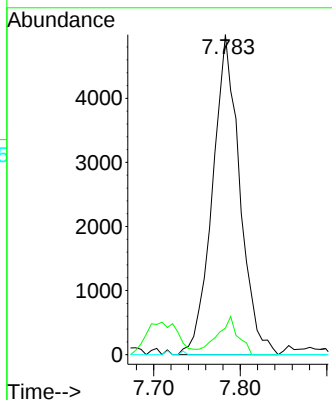
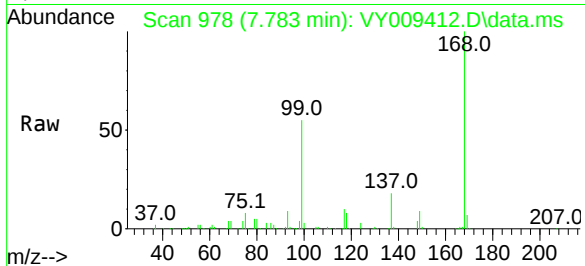




#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

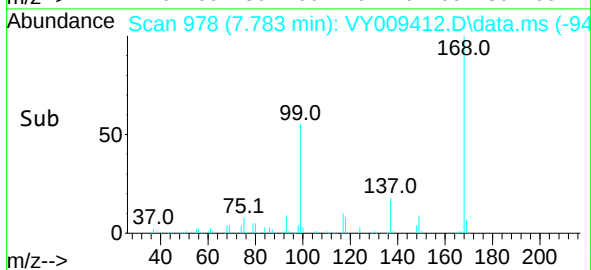
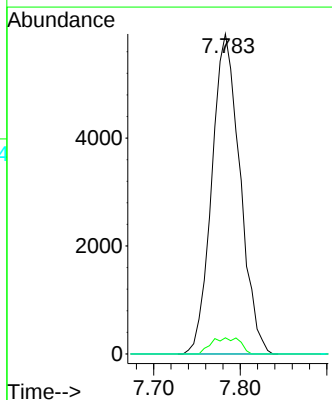
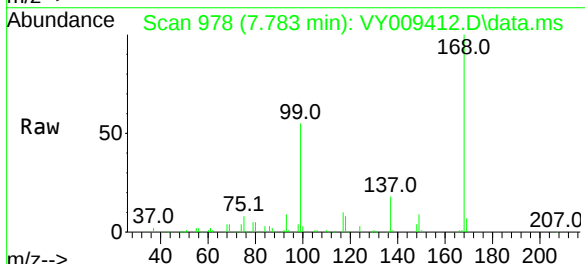
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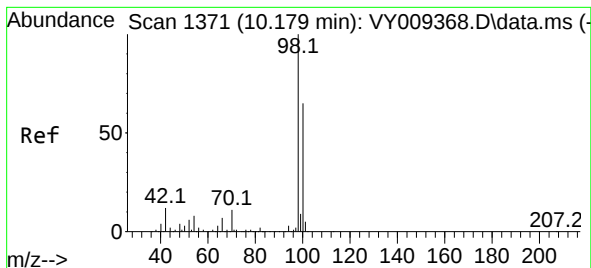
Tgt Ion: 75 Resp: 10929
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.599 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 117 Resp: 13391
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

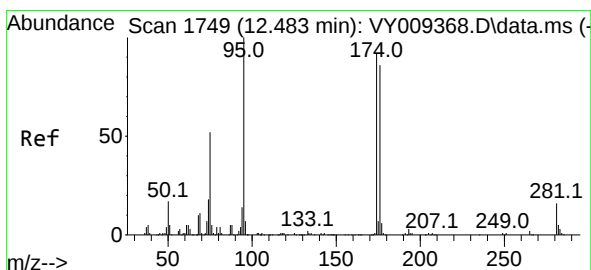
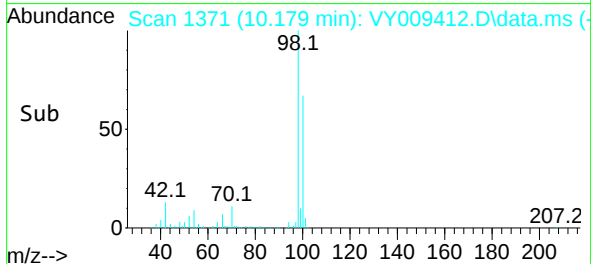
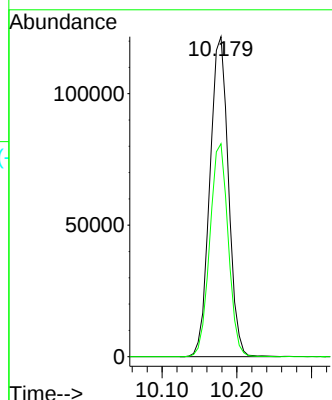
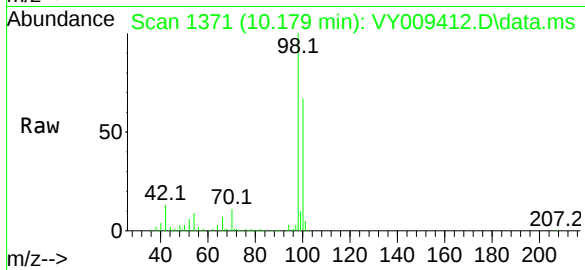




#50
Toluene-d8
Concen: 52.240 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

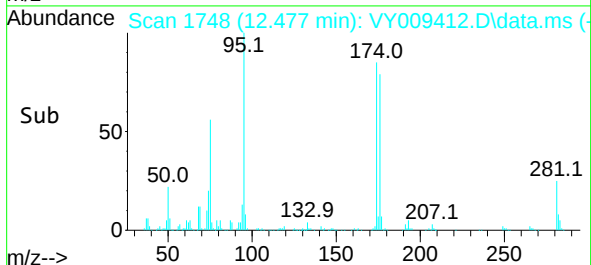
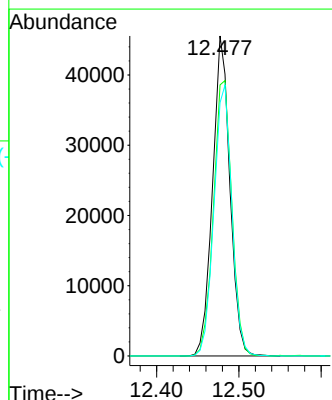
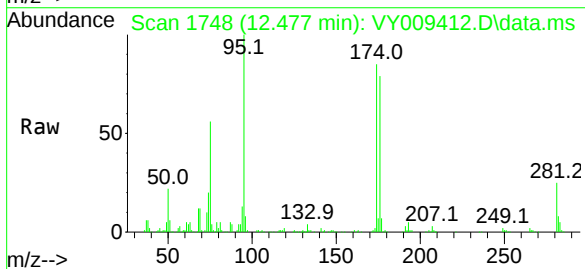
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

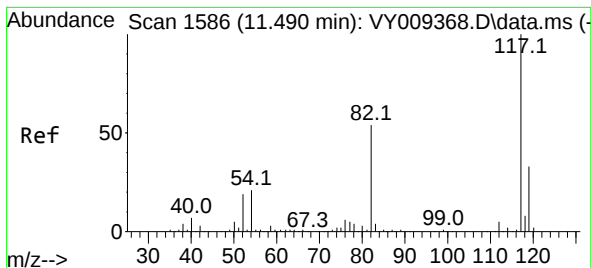
Tgt Ion: 98 Resp: 209590
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.111 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 95 Resp: 66808
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 87.2 0.0 175.8

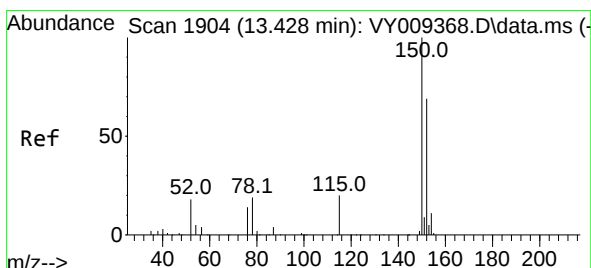
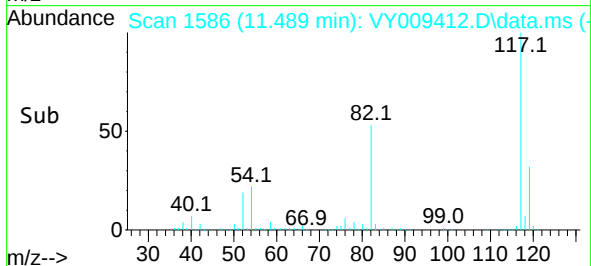
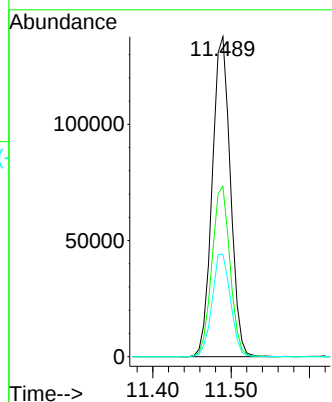
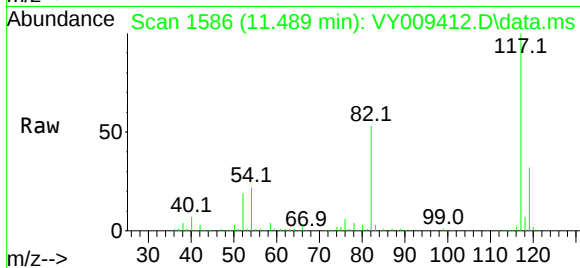




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

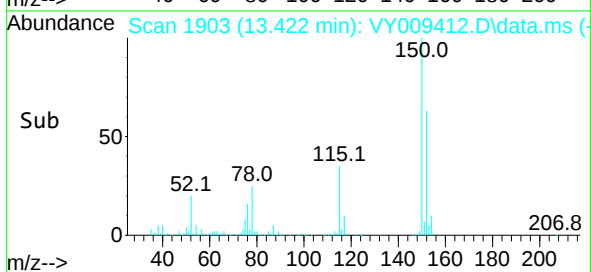
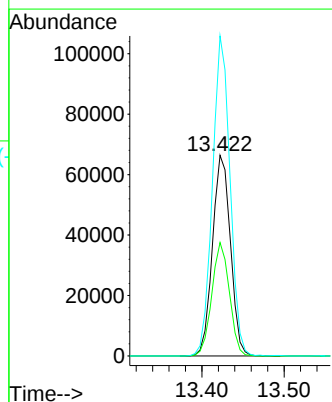
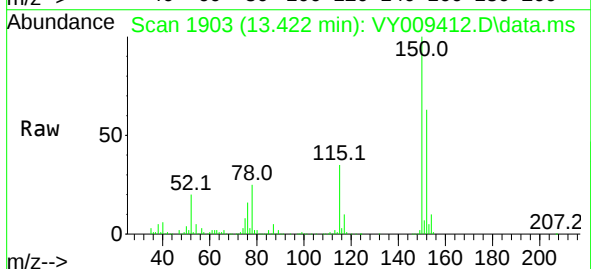
Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

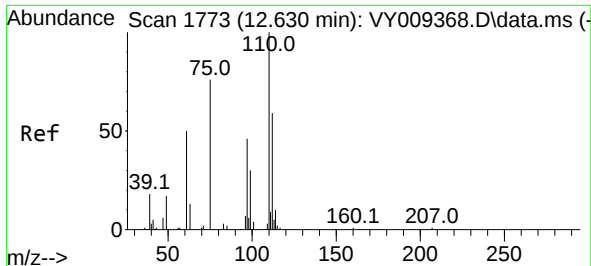
Tgt Ion:117 Resp: 222050
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion:152 Resp: 100842
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.7
150 155.6 0.0 347.6

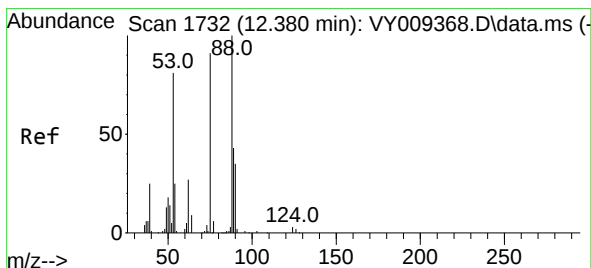
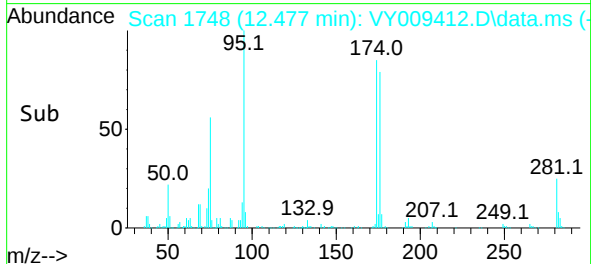
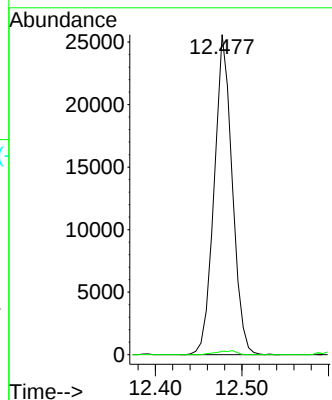
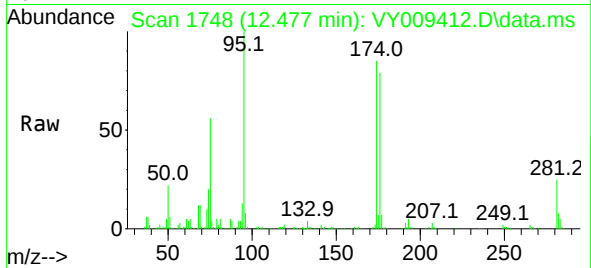




#76
1,2,3-Trichloropropane
Concen: 31.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0701SBL01

Tgt Ion: 75 Resp: 37061
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009412.D
Acq: 01 Jul 2022 10:41

Tgt Ion: 75 Resp: 37061
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#

