

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009442.D
 Acq On : 05 Jul 2022 17:05
 Operator : KP/MD
 Sample : N3571-01RE
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16128

Quant Time: Jul 06 04:52:26 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)

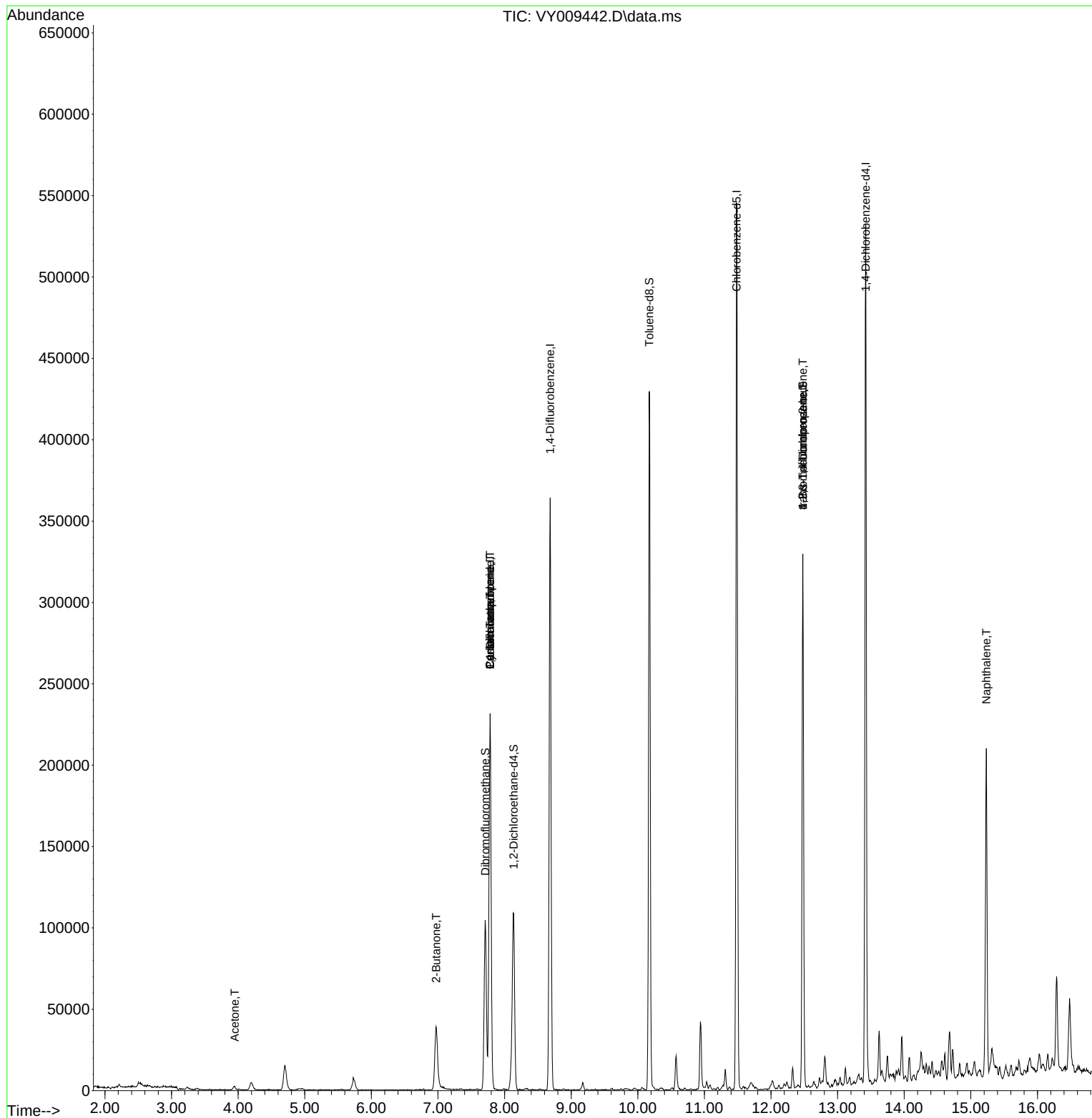
Internal Standards						
1) Pentafluorobenzene	7.783	168	179531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77732	54.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.120%	
35) Dibromofluoromethane	7.710	113	73612	43.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.660%	
50) Toluene-d8	10.173	98	272471	52.310	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.477	95	90835	36.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 73.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	729	Below Cal	#	95
16) Acetone	3.948	43	3836	8.123	ug/l	92
18) Methyl Acetate	4.491	43	95	Below Cal	#	56
20) Methylene Chloride	4.698	84	11110	Below Cal	#	74
25) 2-Butanone	6.972	43	2509	3.351	ug/l	# 73
31) Cyclohexane	7.783	56	3679	1.137	ug/l	# 14
36) 1,1-Dichloropropene	7.783	75	13454	4.529	ug/l	# 52
38) Carbon Tetrachloride	7.783	117	16859	5.430	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	48311	30.830	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	48311	68.642	ug/l	# 7
95) Naphthalene	15.233	128	164589	32.804	ug/l	98

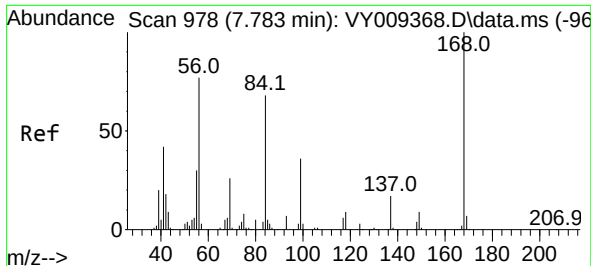
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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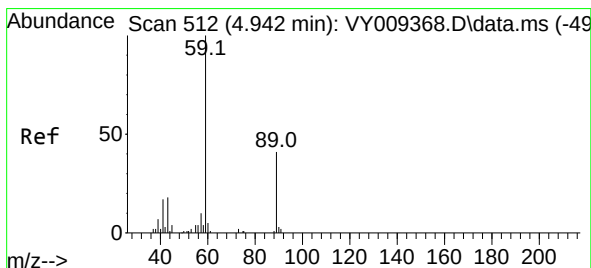
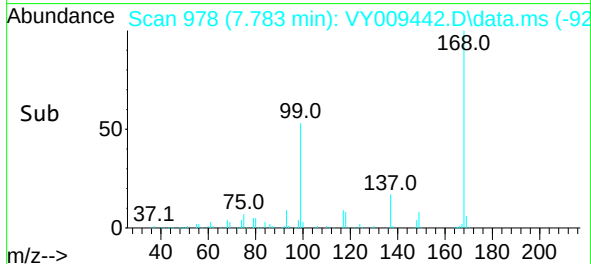
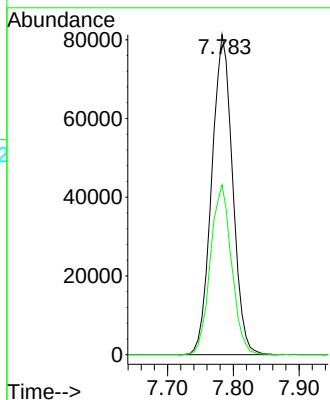
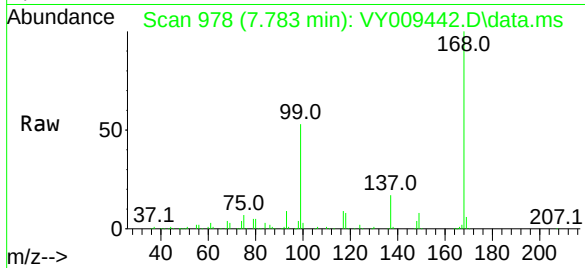




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

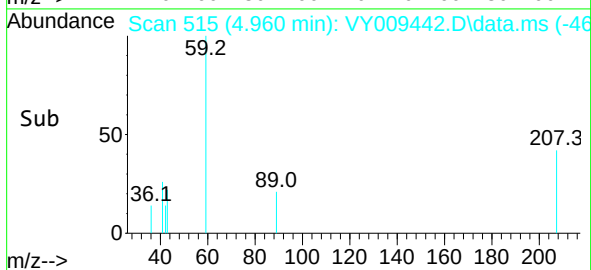
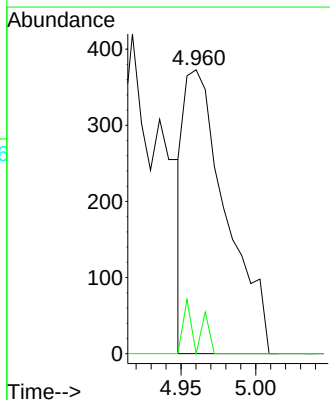
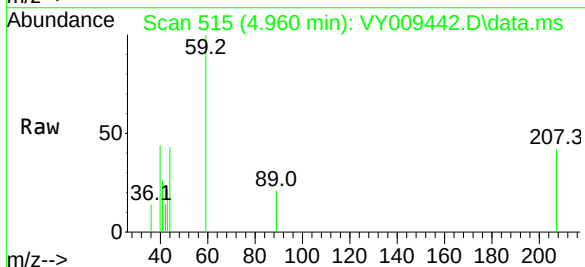
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

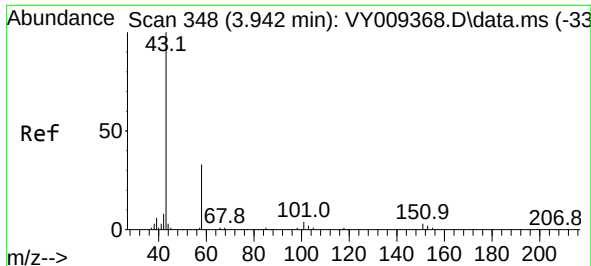
Tgt Ion:168 Resp: 179531
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 6.3 6.4 9.6#





#16

Acetone

Concen: 8.123 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009442.D

Acq: 05 Jul 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

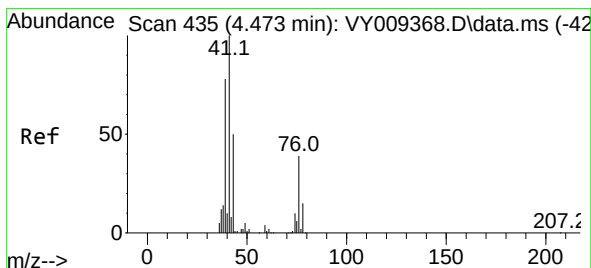
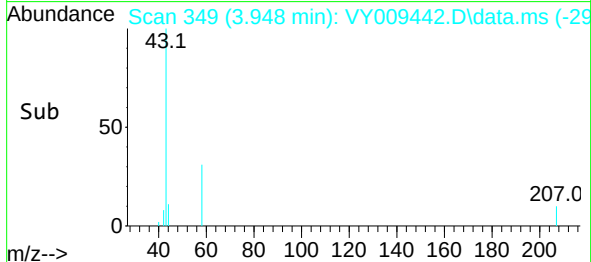
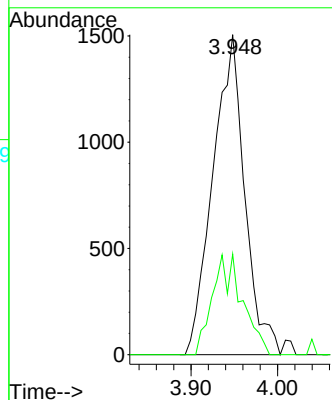
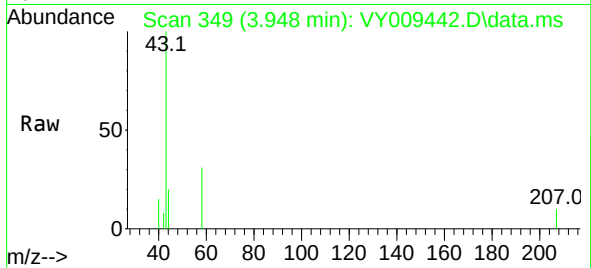
VB16128

Tgt Ion: 43 Resp: 3836

Ion Ratio Lower Upper

43 100

58 31.5 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.491 min Scan# 438

Delta R.T. 0.018 min

Lab File: VY009442.D

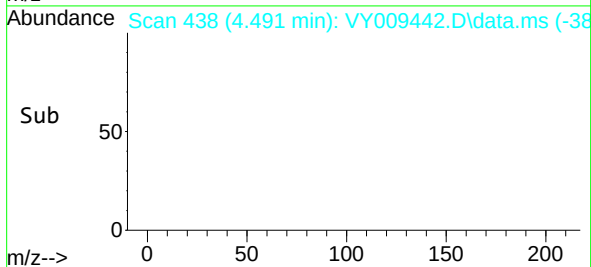
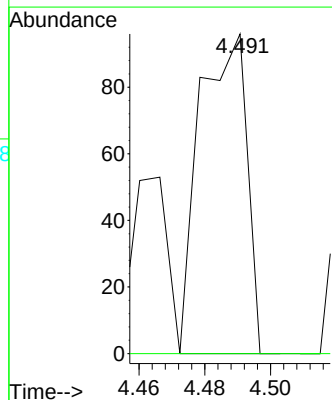
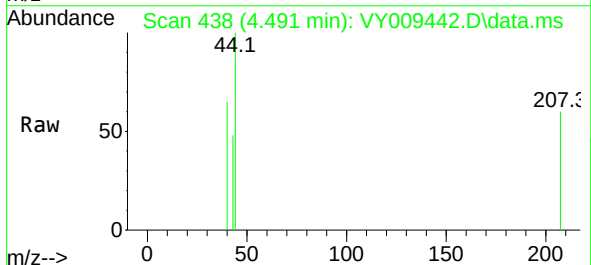
Acq: 05 Jul 2022 17:05

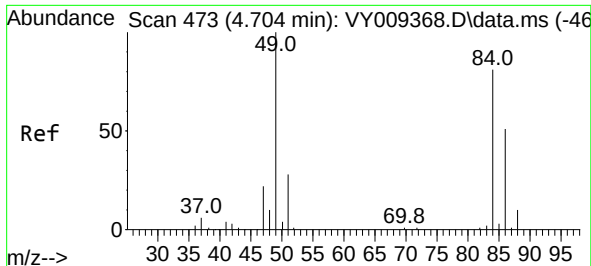
Tgt Ion: 43 Resp: 95

Ion Ratio Lower Upper

43 100

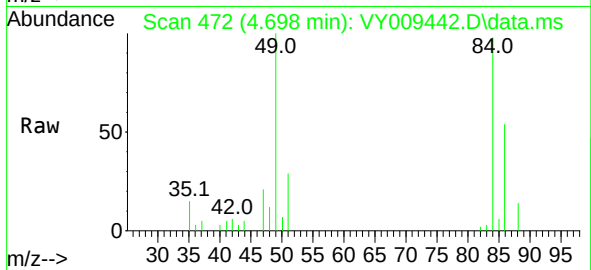
74 0.0 16.6 24.8#



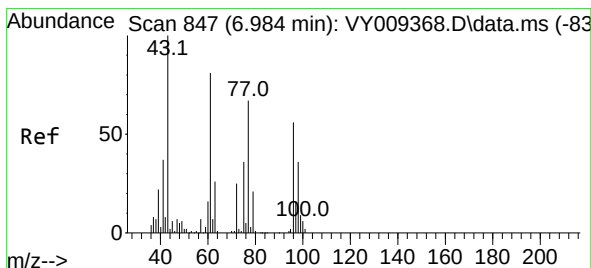
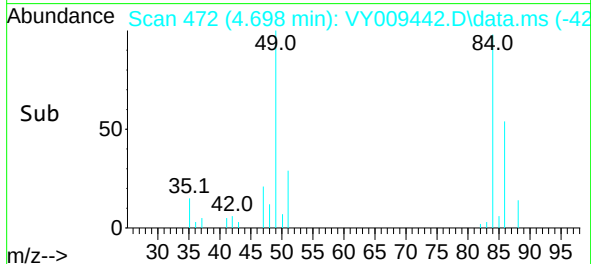
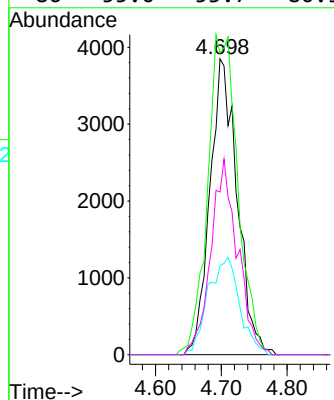


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VB16128

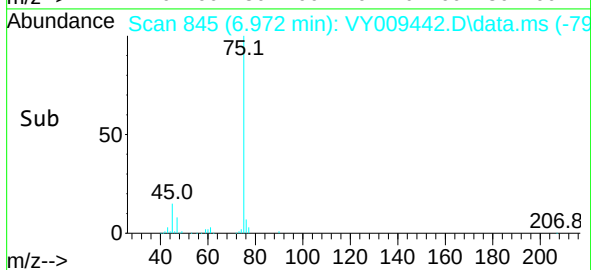
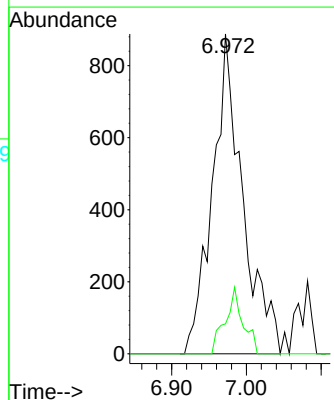
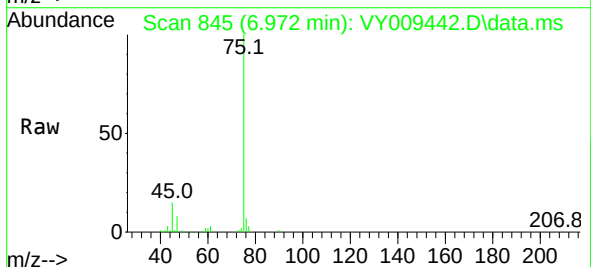


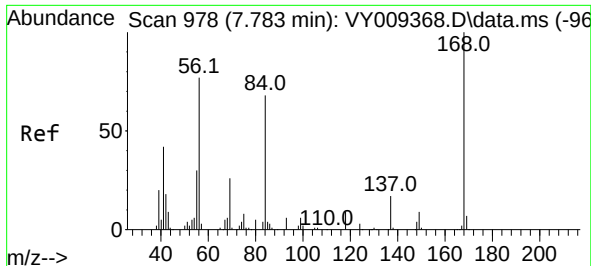
Tgt Ion: 84	Resp: 11110
Ion Ratio	Lower Upper
84	100
49	101.9 114.4 171.6#
51	30.0 35.3 52.9#
86	55.0 53.7 80.5



#25
2-Butanone
Concen: 3.351 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion: 43	Resp: 2509
Ion Ratio	Lower Upper
43	100
72	9.3 17.7 26.5#

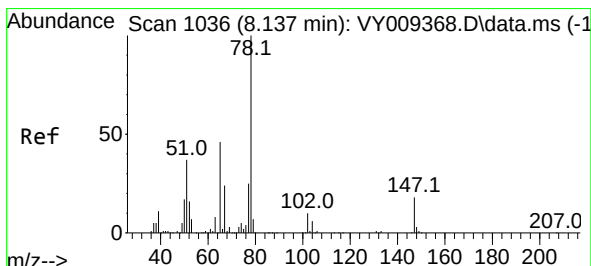
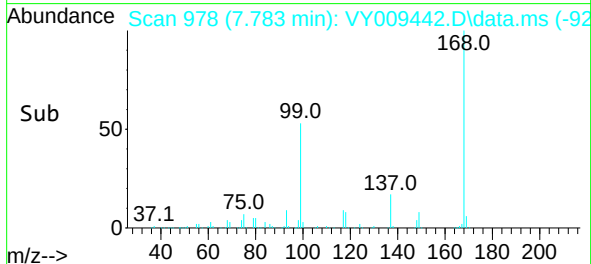
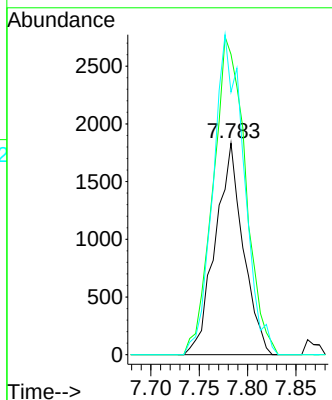
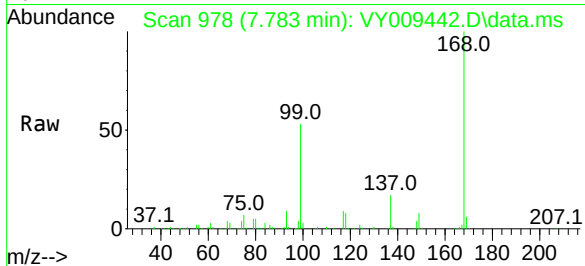




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

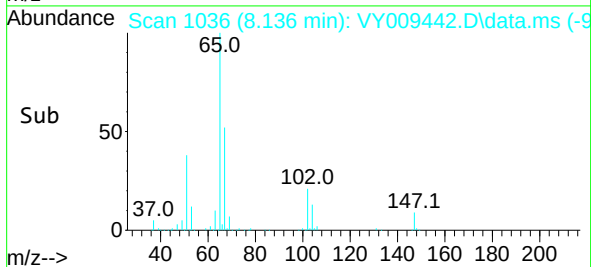
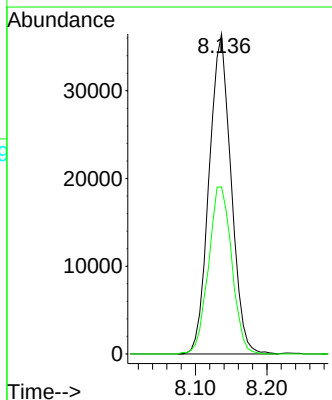
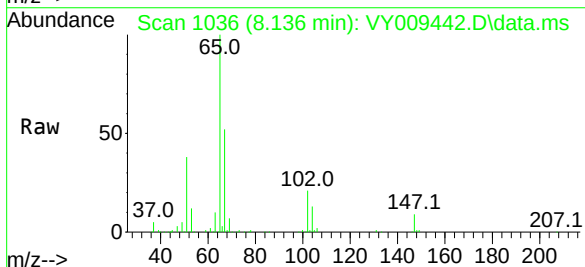
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

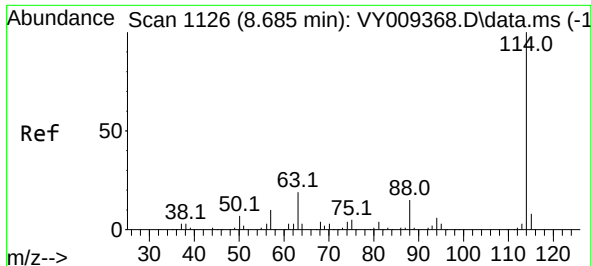
Tgt Ion: 56 Resp: 3679
Ion Ratio Lower Upper
56 100
69 142.0 26.7 40.1#
84 124.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.057 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion: 65 Resp: 77732
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4

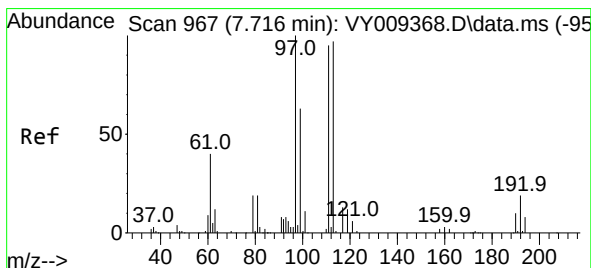
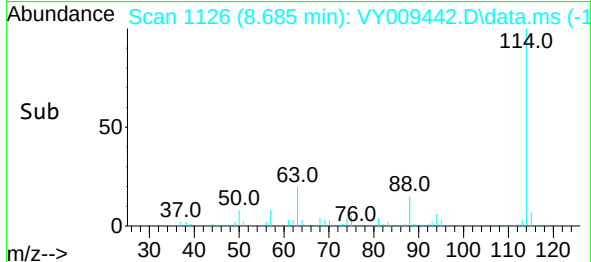
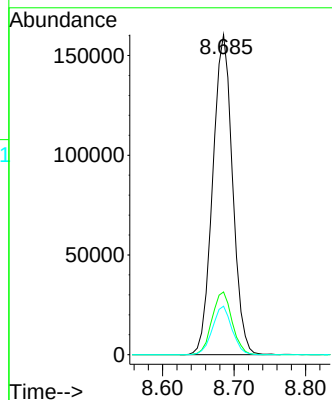
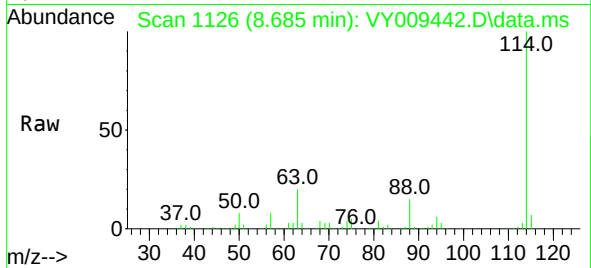




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

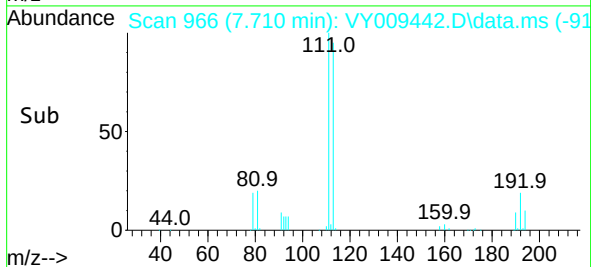
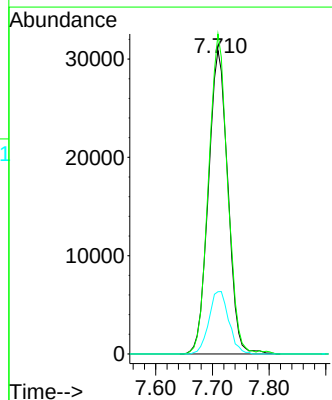
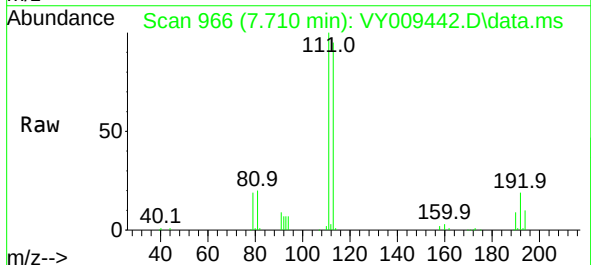
Instrument :
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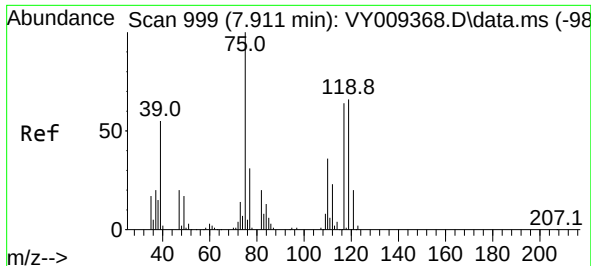
Tgt Ion:114 Resp: 308674
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.330 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion:113 Resp: 73612
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.0 17.6 26.4

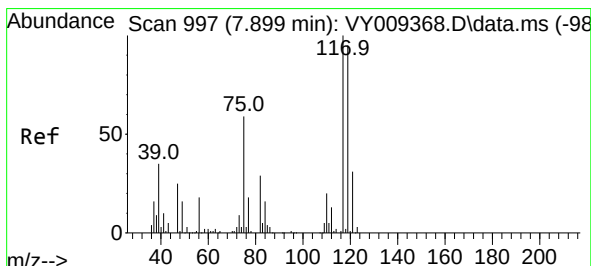
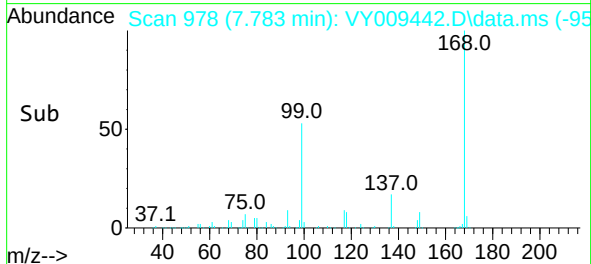
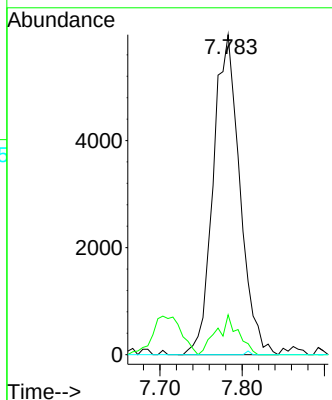
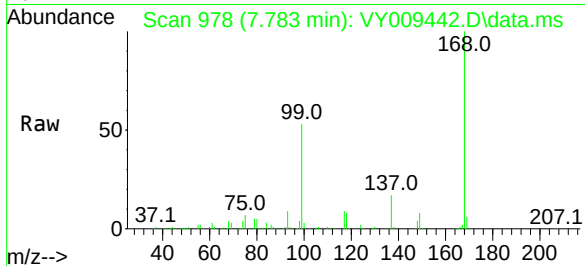




#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

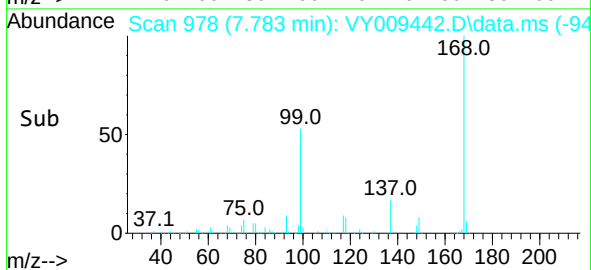
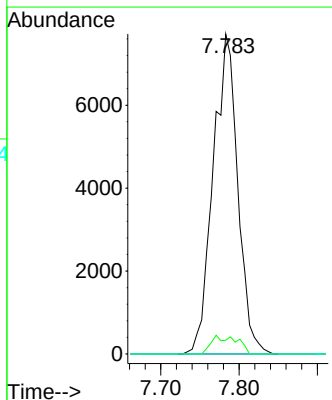
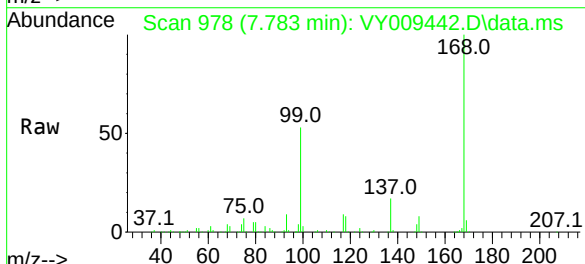
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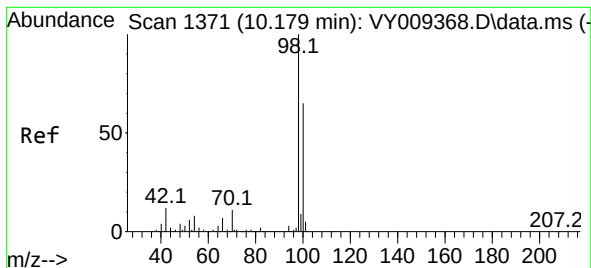
Tgt Ion: 75 Resp: 13454
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion: 117 Resp: 16859
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#

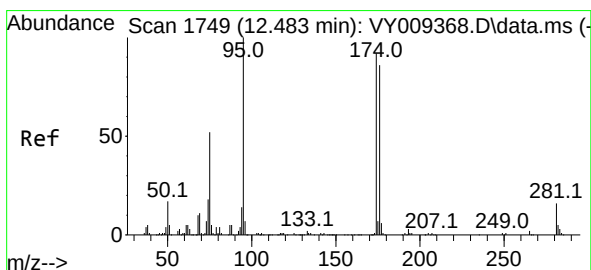
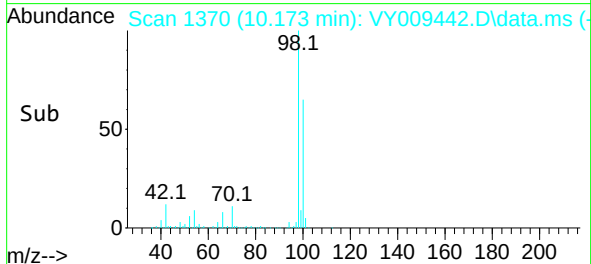
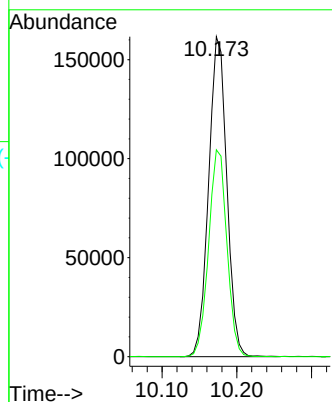
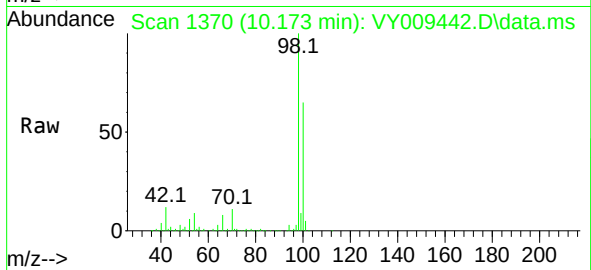




#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

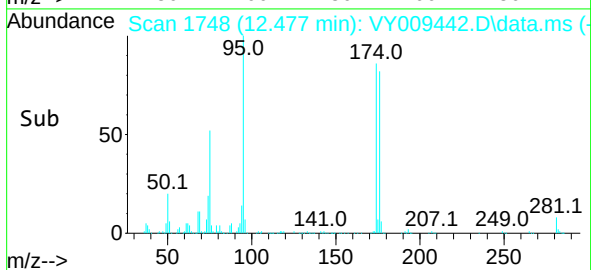
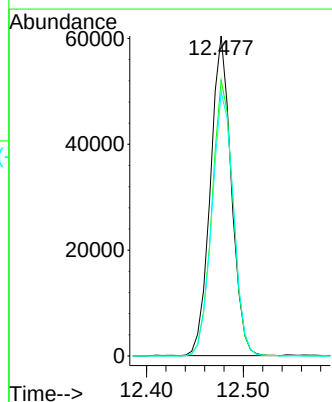
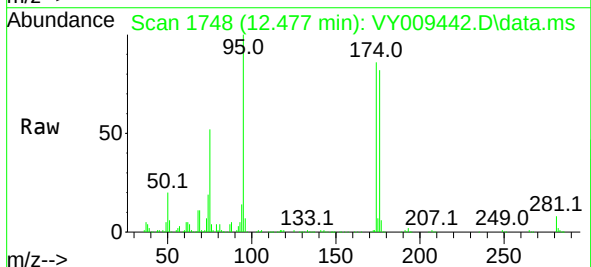
Instrument :
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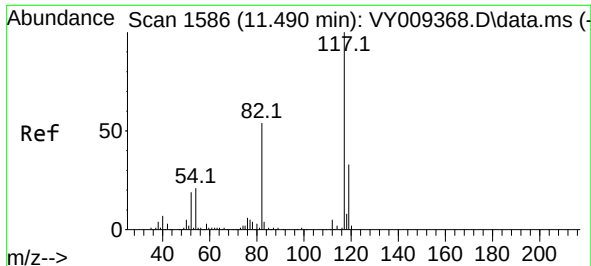
Tgt Ion: 98 Resp: 272471
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.770 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion: 95 Resp: 90835
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 85.0 0.0 175.8

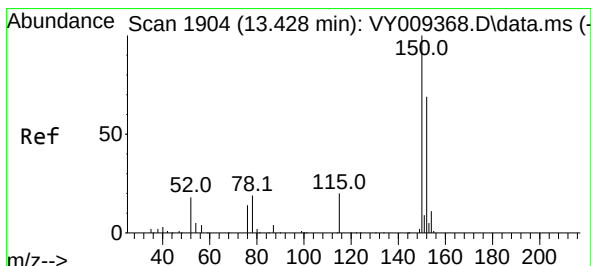
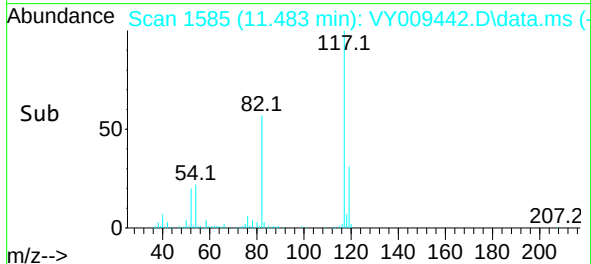
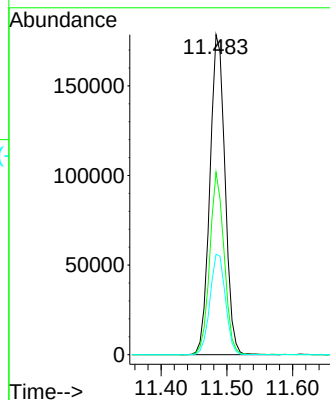
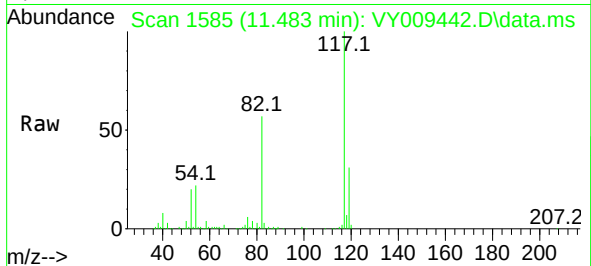




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

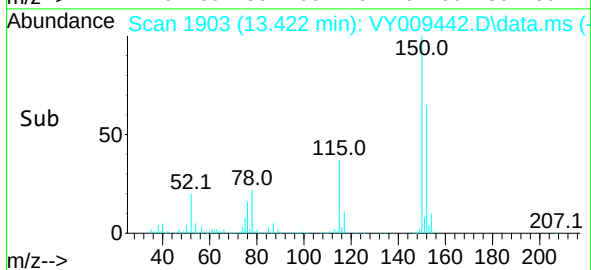
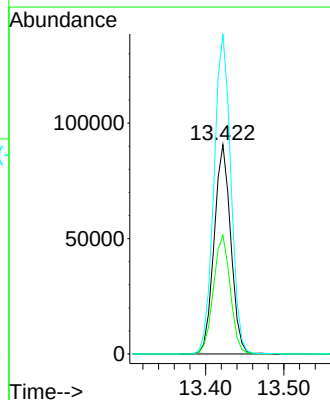
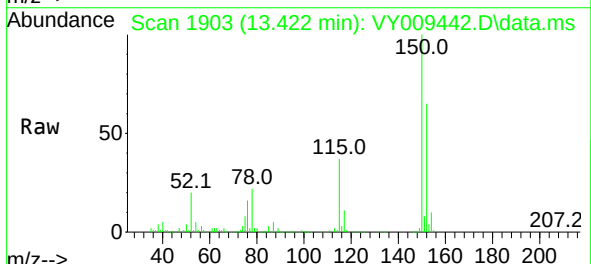
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

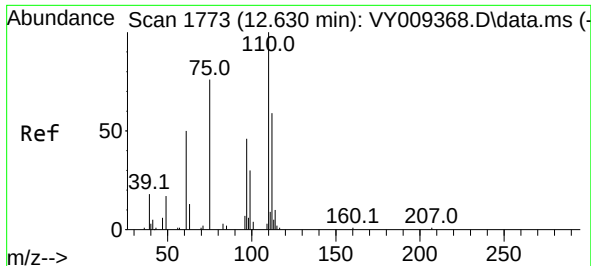
Tgt Ion:117 Resp: 285826
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Tgt Ion:152 Resp: 133809
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 155.2 0.0 347.6

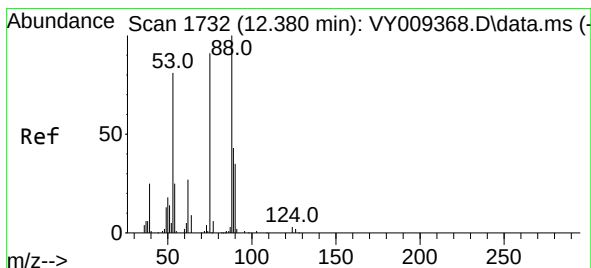
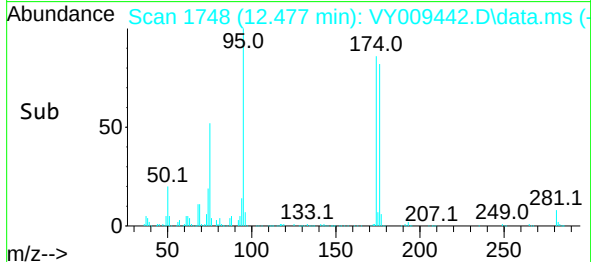
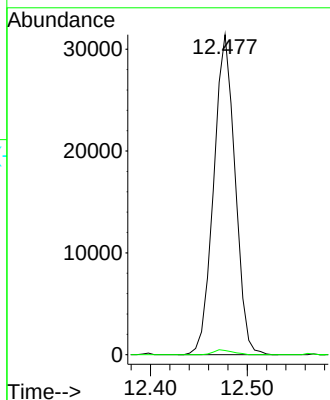
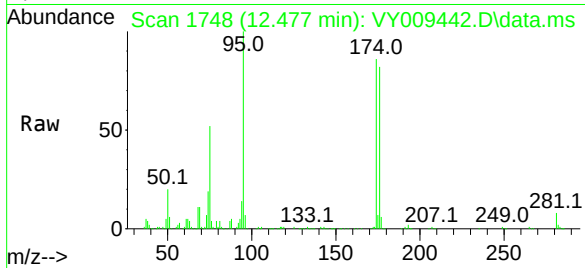




#76
1,2,3-Trichloropropane
Concen: 30.830 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

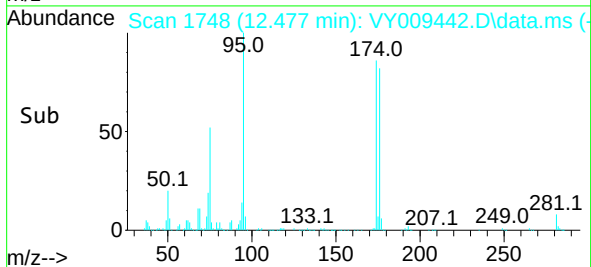
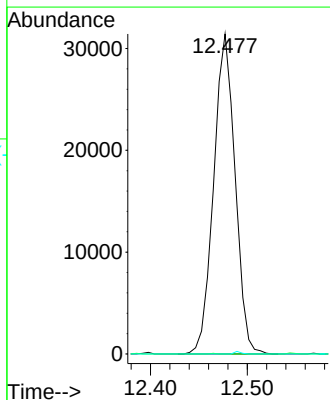
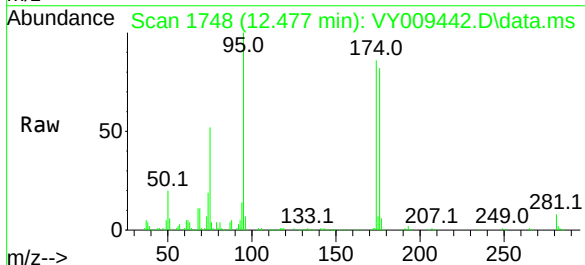
Instrument :
MSVOA_Y
ClientSampleId :
VB16128

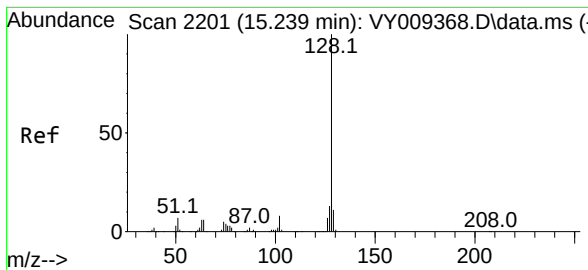
Tgt Ion: 75 Resp: 48311
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

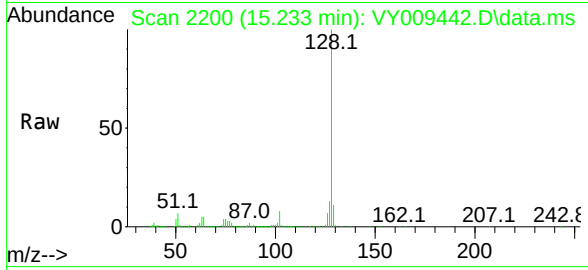
Tgt Ion: 75 Resp: 48311
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#





#95
Naphthalene
Concen: 32.804 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009442.D
Acq: 05 Jul 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
VB16128



Tgt Ion:	128	Resp:	164589
Ion	Ratio	Lower	Upper
128	100		
127	12.9	11.0	16.4
129	11.1	8.4	12.6

