

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009631.D
 Acq On : 21 Jul 2022 14:19
 Operator : KP/MD
 Sample : N3686-03
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0718-WC-TP-12EB

Quant Time: Jul 22 02:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

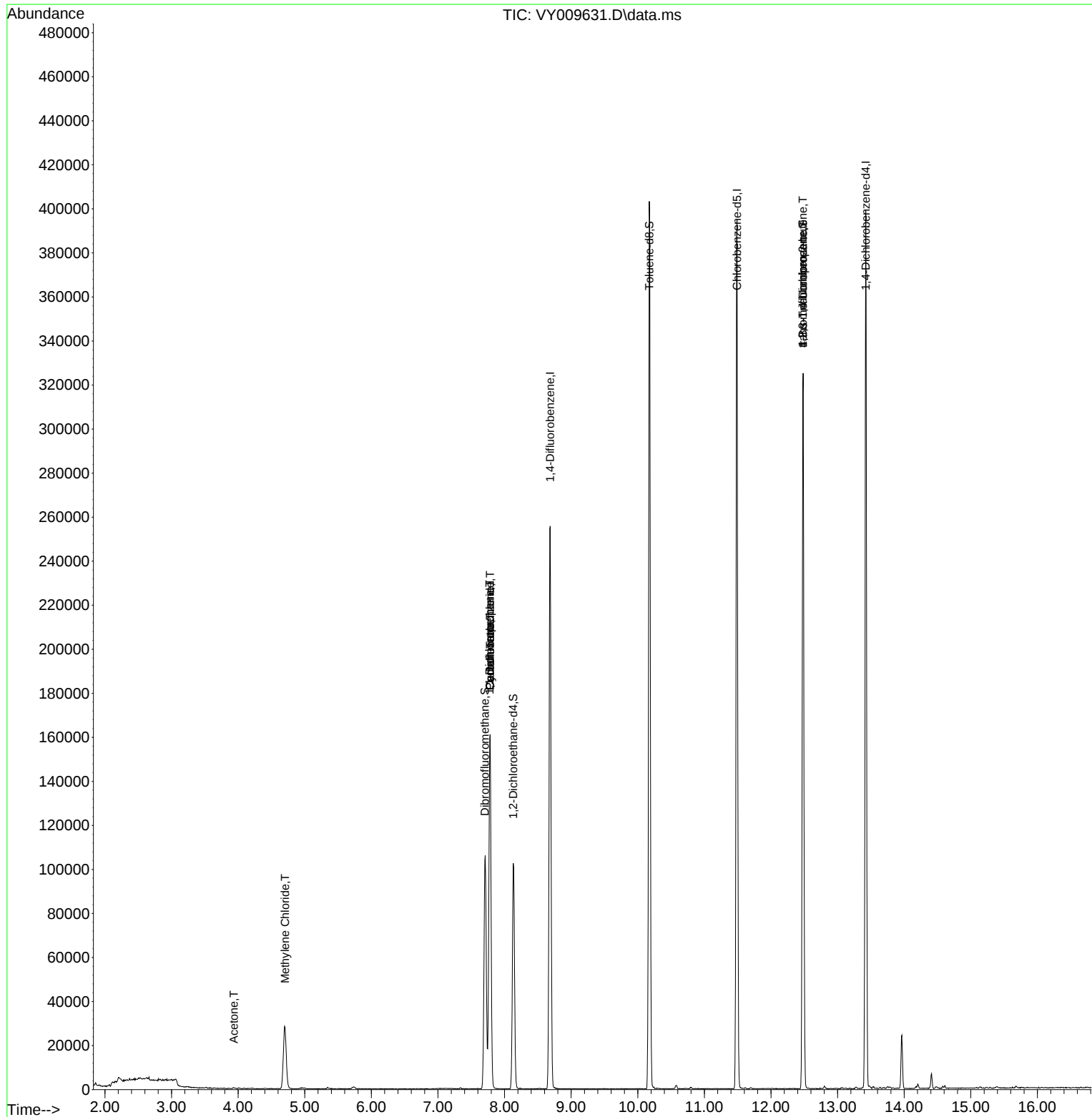
Internal Standards						
1) Pentafluorobenzene	7.783	168	134530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80095	62.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.900%
35) Dibromofluoromethane	7.704	113	76487	51.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.880%
50) Toluene-d8	10.173	98	274566	48.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.477	95	87514	47.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	94.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	450	Below Cal	#	77
16) Acetone	3.936	43	705	2.190	ug/l	95
20) Methylene Chloride	4.704	84	22859	5.307	ug/l #	77
31) Cyclohexane	7.783	56	2310	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	8906	4.053	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12534	5.450	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	44530	43.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44530	85.835	ug/l #	7

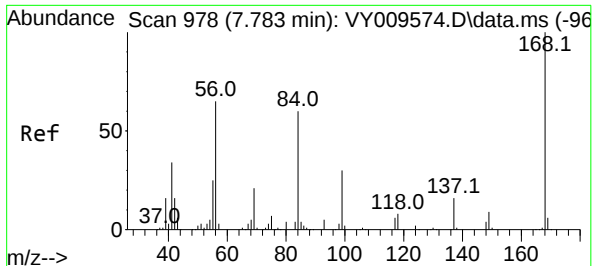
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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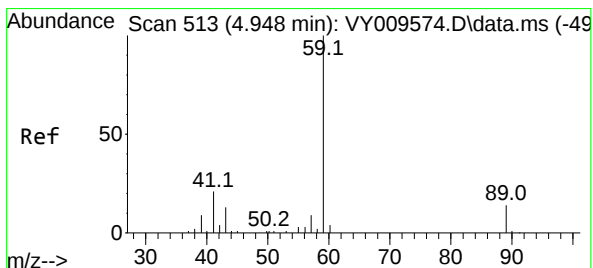
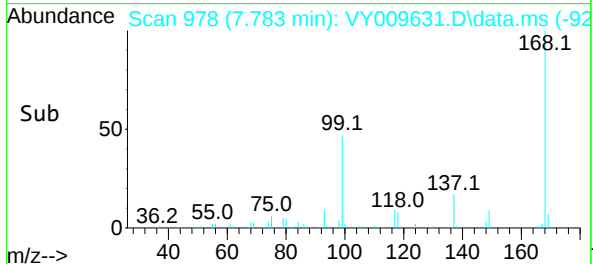
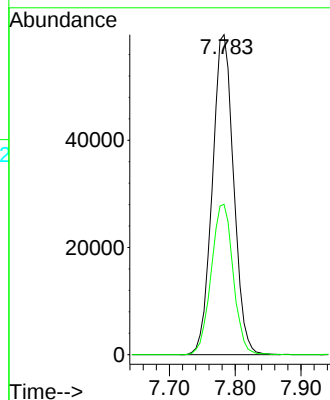
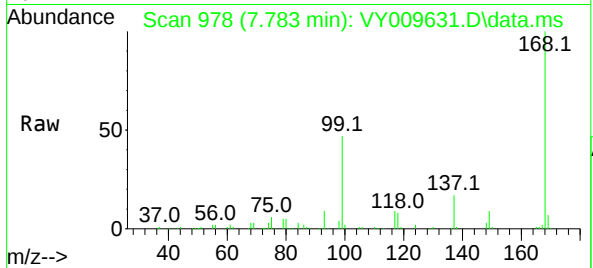




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

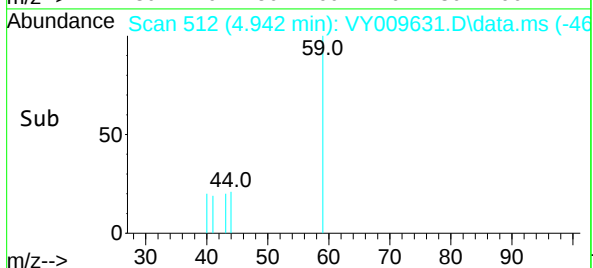
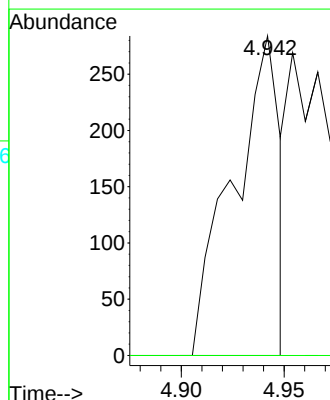
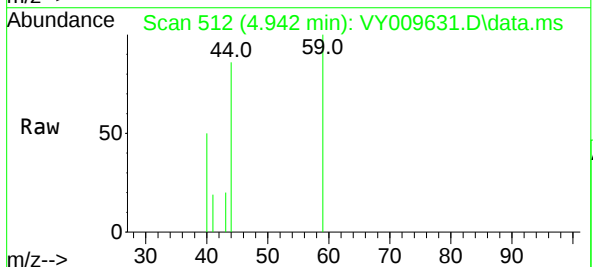
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EB

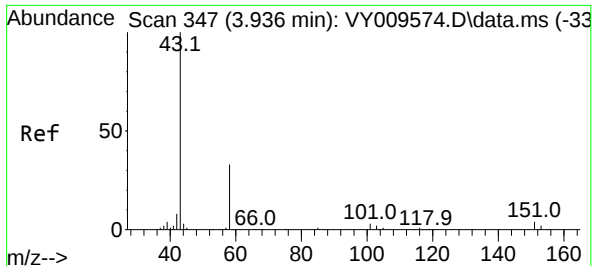
Tgt Ion:168 Resp: 134530
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 59 Resp: 450
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

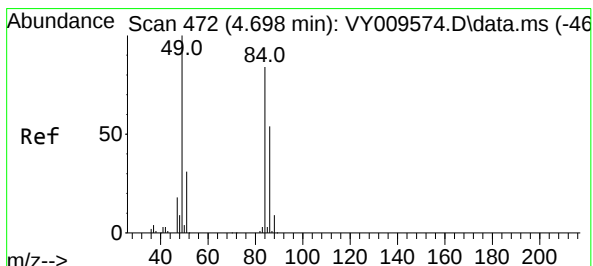
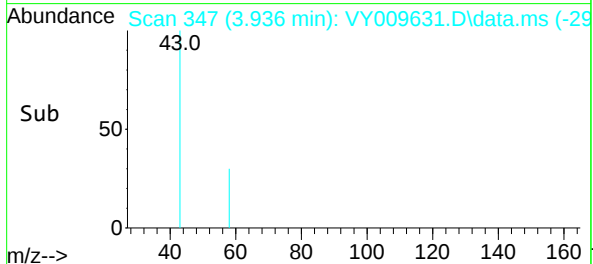
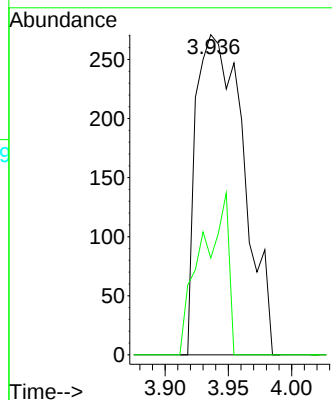
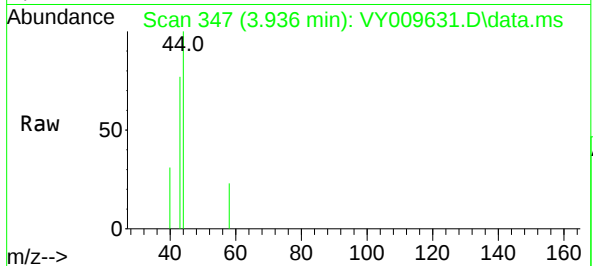




#16
Acetone
Concen: 2.190 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

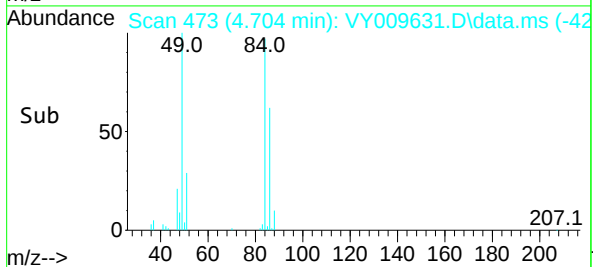
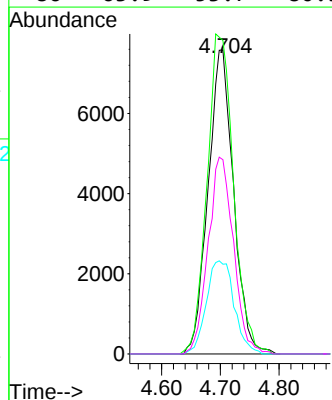
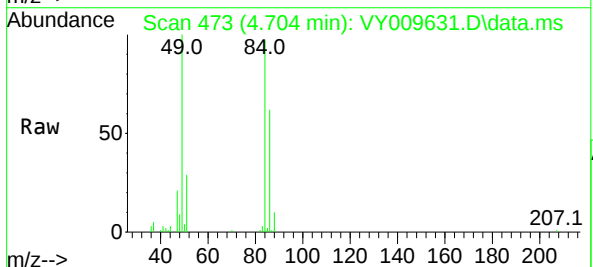
Instrument :
MSVOA_Y
ClientSampleId :
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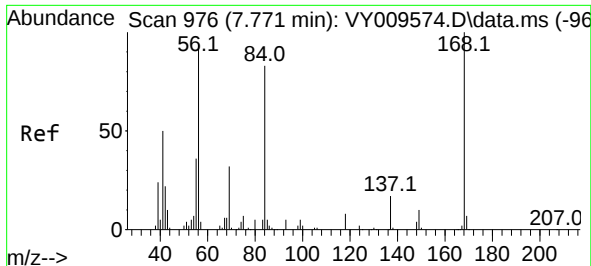
Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0



#20
Methylene Chloride
Concen: 5.307 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 84 Resp: 22859
Ion Ratio Lower Upper
84 100
49 103.1 114.4 171.6#
51 29.5 35.3 52.9#
86 63.9 53.7 80.5

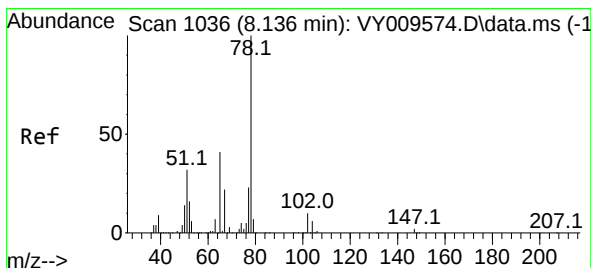
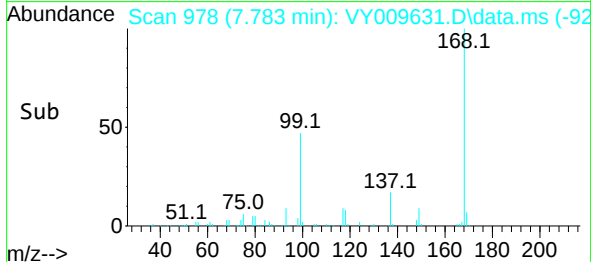
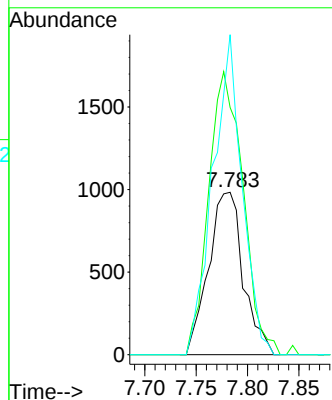
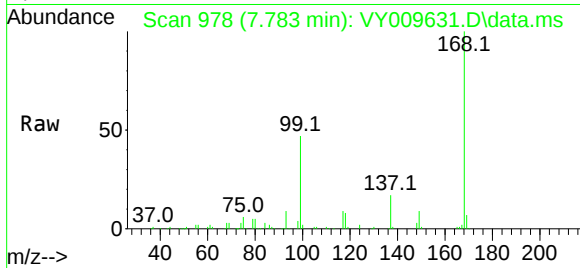




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

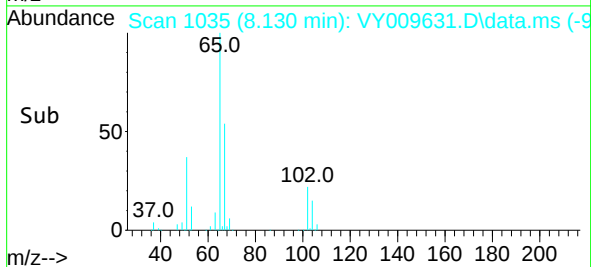
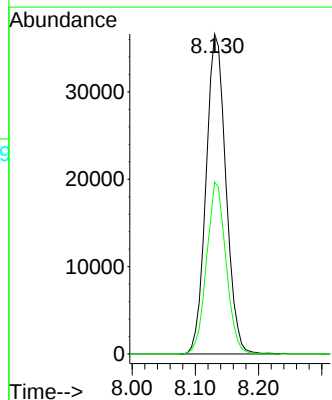
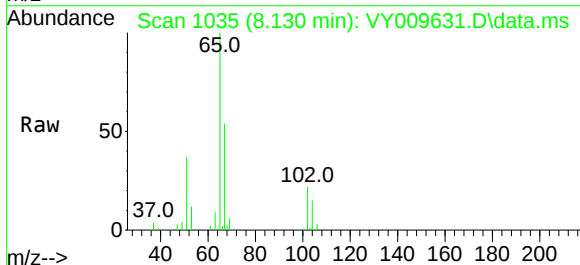
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EB

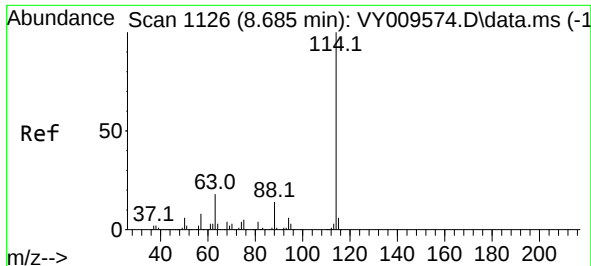
Tgt Ion: 56 Resp: 2310
Ion Ratio Lower Upper
56 100
69 152.1 26.7 40.1#
84 197.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.952 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 65 Resp: 80095
Ion Ratio Lower Upper
65 100
67 52.4 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: VY009631.D

Acq: 21 Jul 2022 14:19

Instrument :

MSVOA_Y

ClientSampleId :

0718-WC-TP-12EB

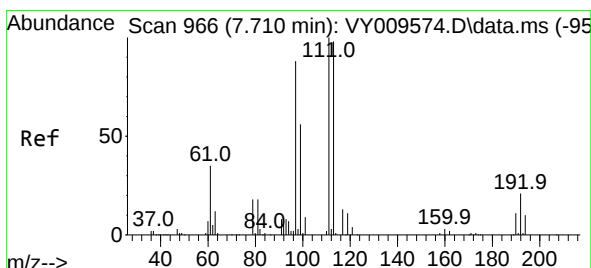
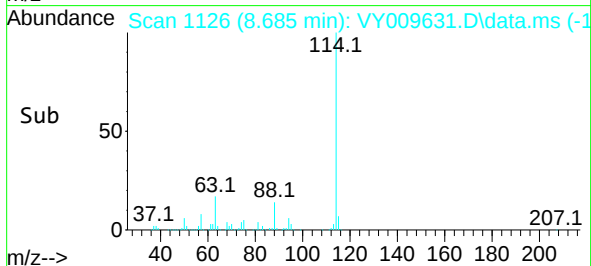
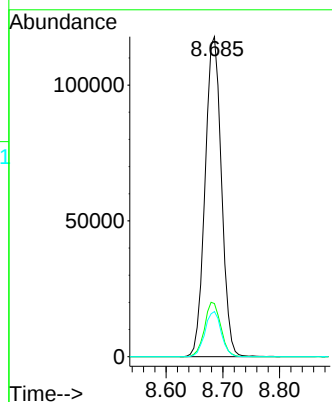
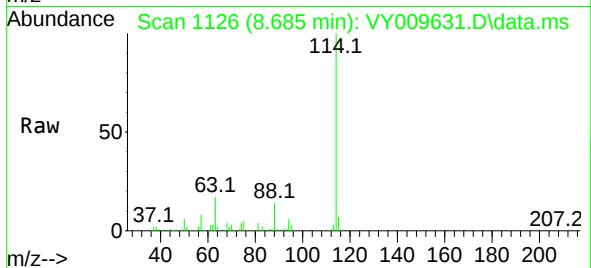
Tgt Ion:114 Resp: 236004

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.443 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009631.D

Acq: 21 Jul 2022 14:19

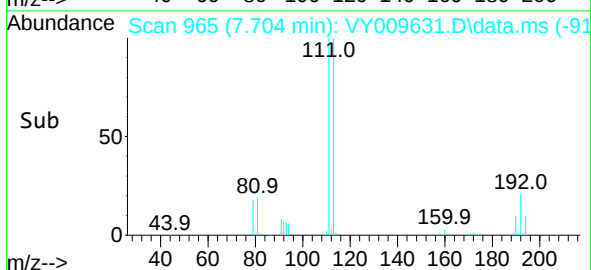
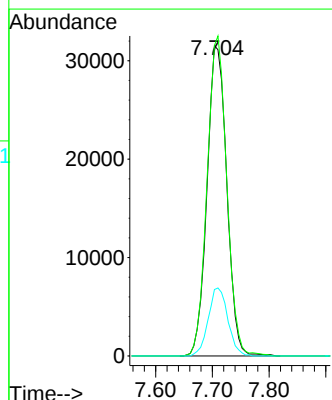
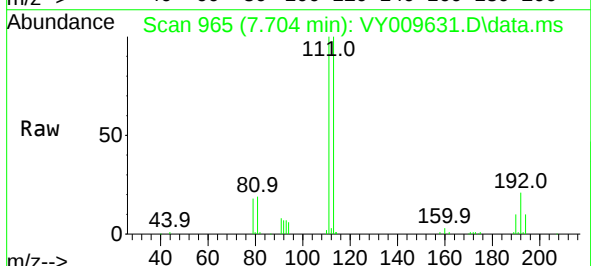
Tgt Ion:113 Resp: 76487

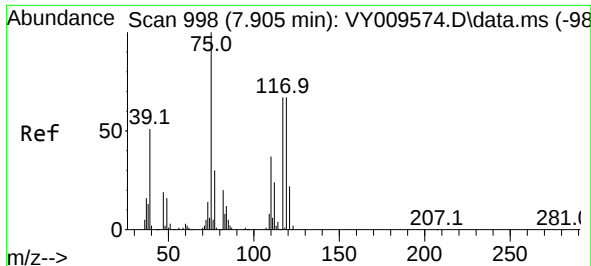
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.7 17.6 26.4

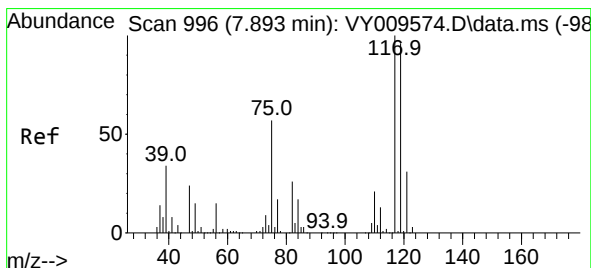
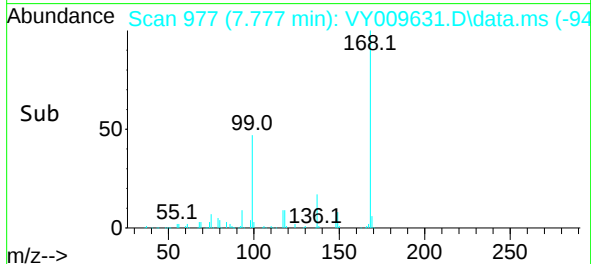
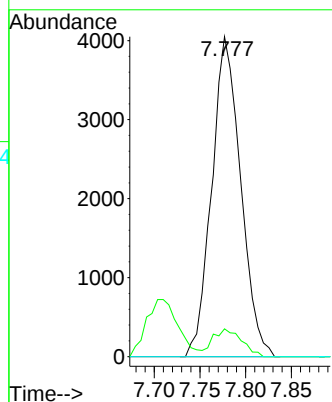
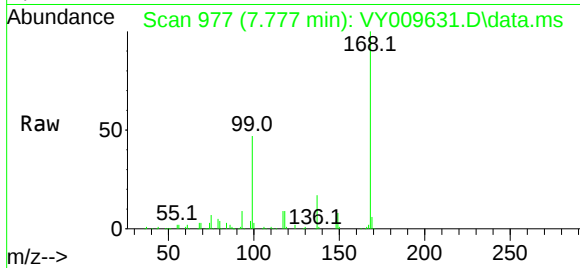




#36
1,1-Dichloropropene
Concen: 4.053 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

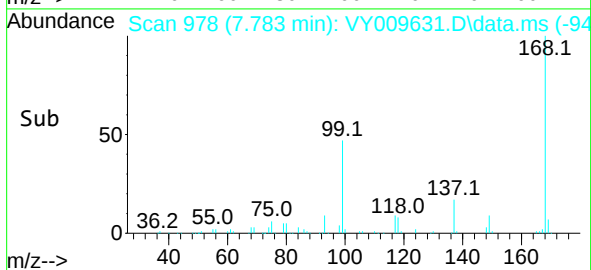
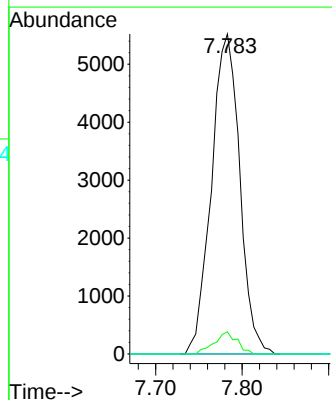
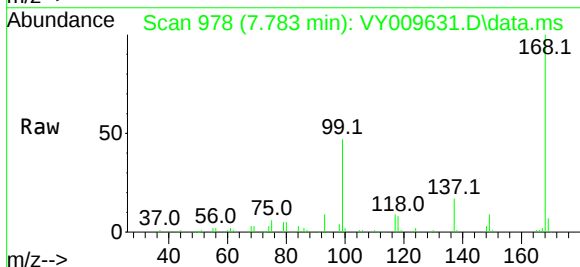
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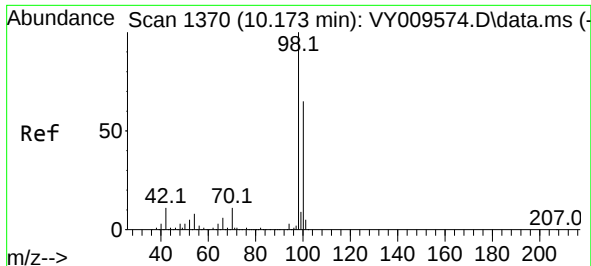
Tgt Ion: 75 Resp: 8906
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 117 Resp: 12534
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#

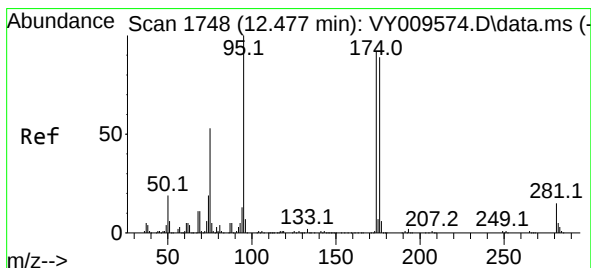
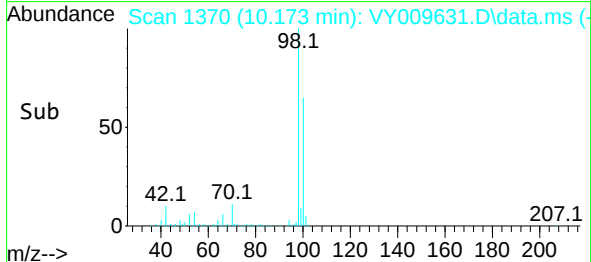
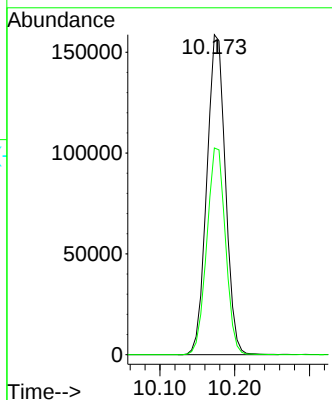
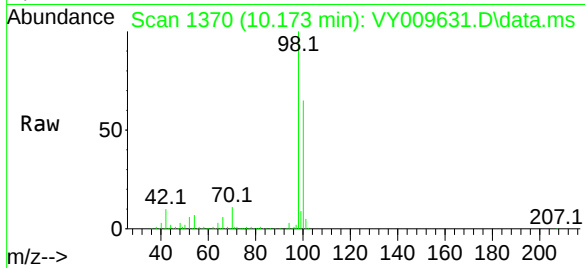




#50
Toluene-d8
Concen: 48.037 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

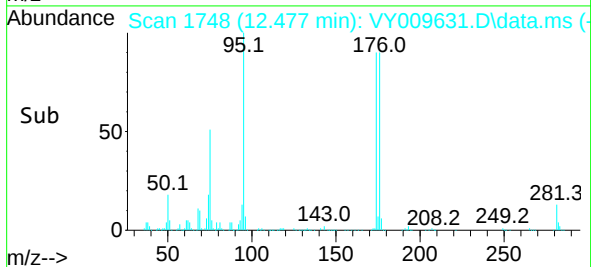
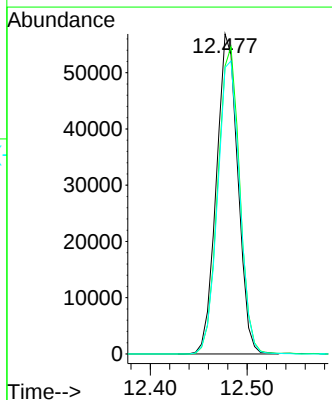
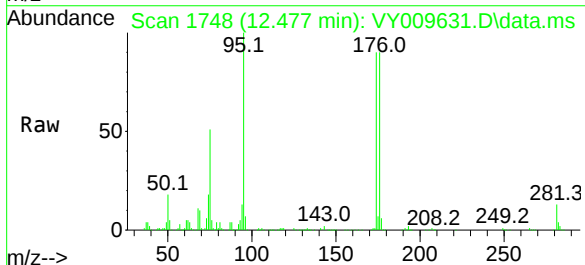
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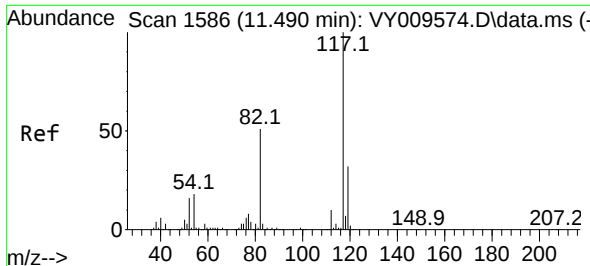
Tgt Ion: 98 Resp: 274566
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.252 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 95 Resp: 87514
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 94.2 0.0 175.8

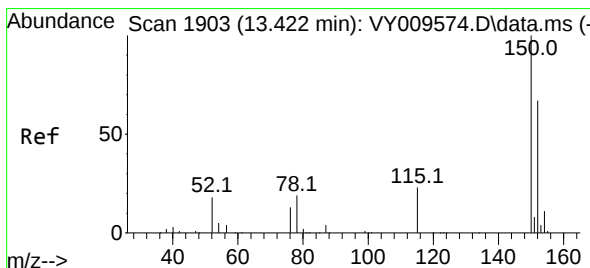
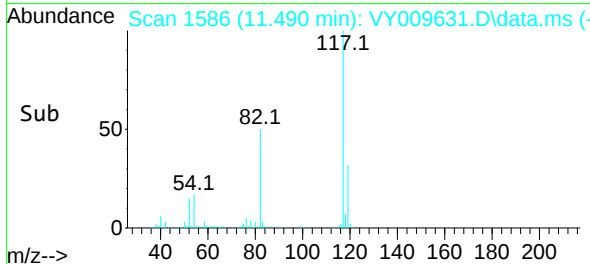
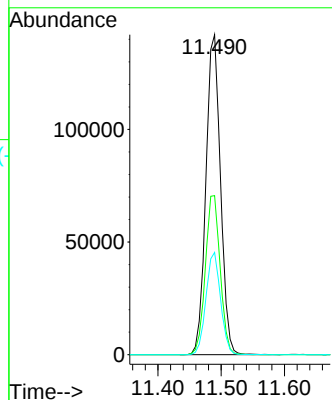
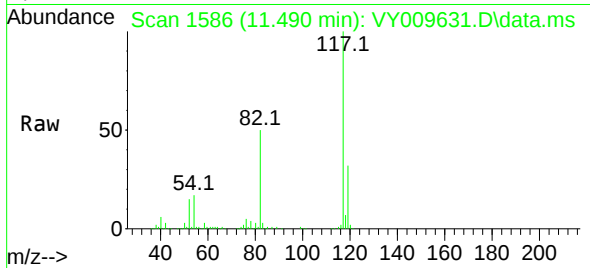




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

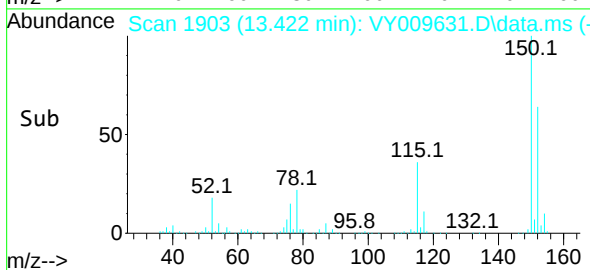
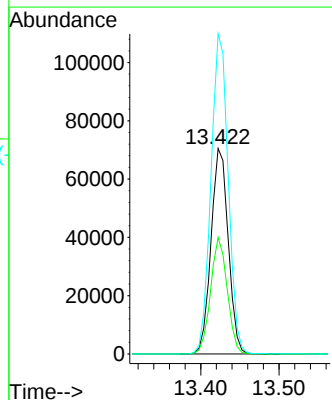
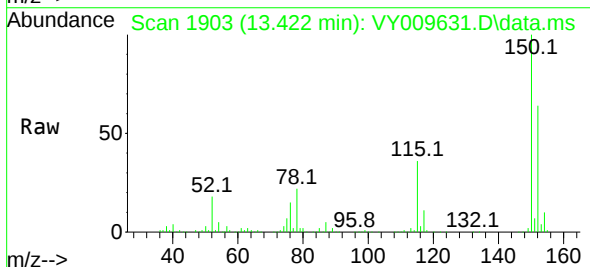
Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EB

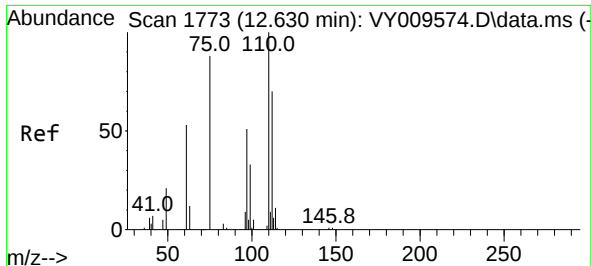
Tgt Ion:117 Resp: 227987
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion:152 Resp: 107383
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.9 0.0 347.6

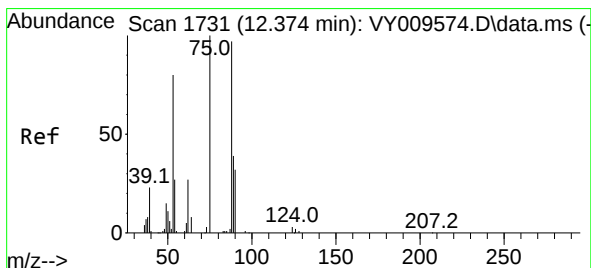
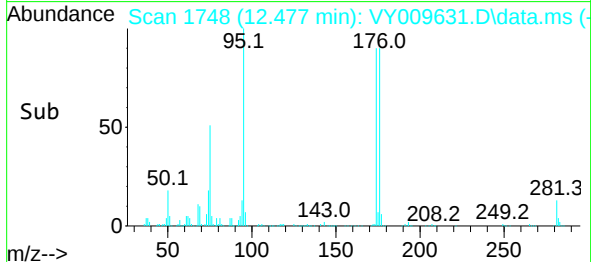
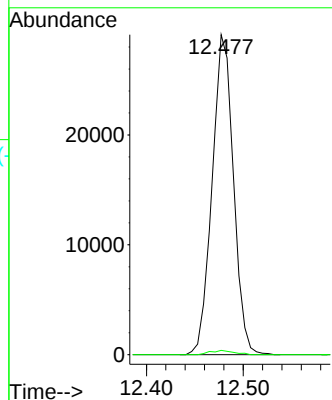
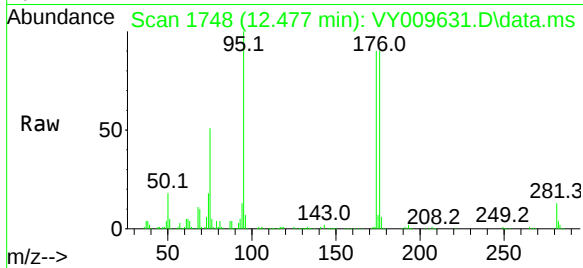




#76
1,2,3-Trichloropropane
Concen: 43.531 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :
0718-WC-TP-12EB

Tgt Ion: 75 Resp: 44530
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009631.D
Acq: 21 Jul 2022 14:19

Tgt Ion: 75 Resp: 44530
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

