

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009378.D
 Acq On : 29 Jun 2022 17:18
 Operator : KP/MD
 Sample : N3531-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

Quant Time: Jun 30 05:12:56 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)

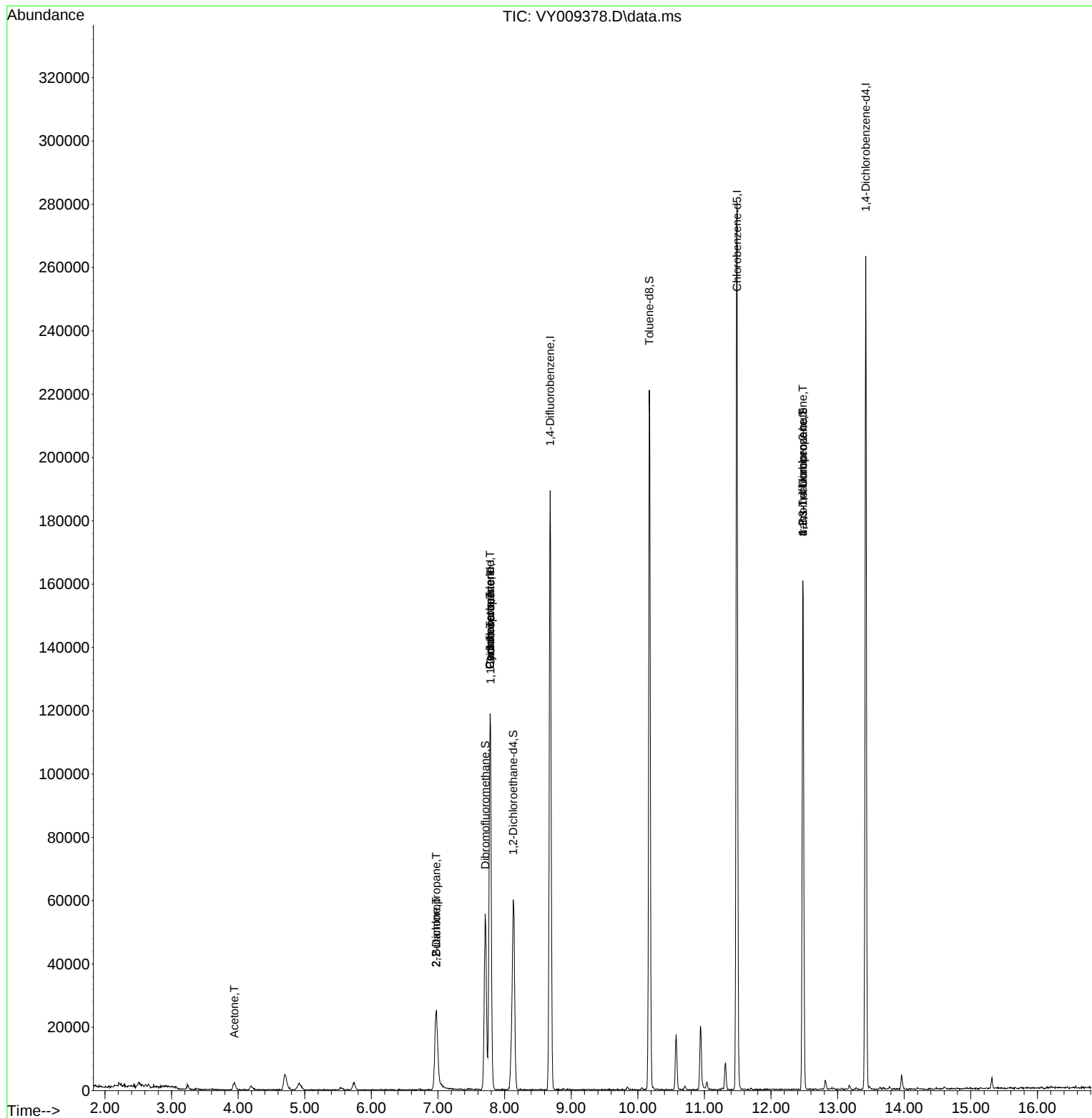
Internal Standards						
1) Pentafluorobenzene	7.783	168	93733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40987	54.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.710	113	37305	42.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.880%	
50) Toluene-d8	10.173	98	142719	52.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	12.477	95	42219	33.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	2006	Below Cal	#	77
16) Acetone	3.942	43	4008	16.255	ug/l #	82
18) Methyl Acetate	4.418	43	22	Below Cal	#	56
20) Methylene Chloride	4.698	84	3367	Below Cal		97
25) 2-Butanone	6.972	43	1918	4.907	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	2175	1.254	ug/l #	55
31) Cyclohexane	7.783	56	2225	1.318	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	8059	5.244	ug/l #	49
38) Carbon Tetrachloride	7.783	117	8699	5.415	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	22622	29.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22622	66.644	ug/l #	7

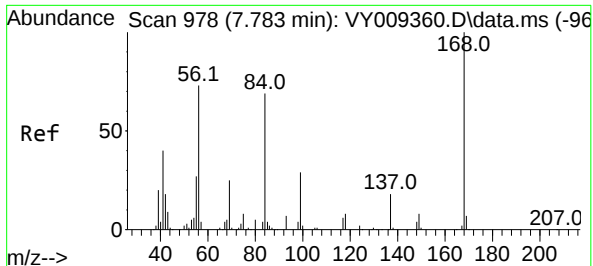
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

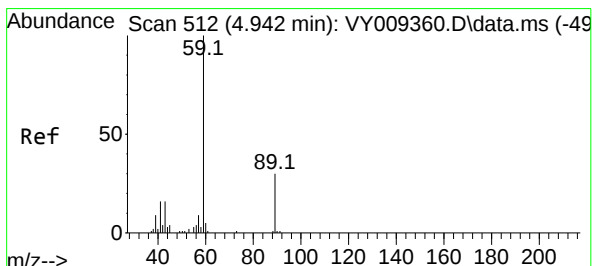
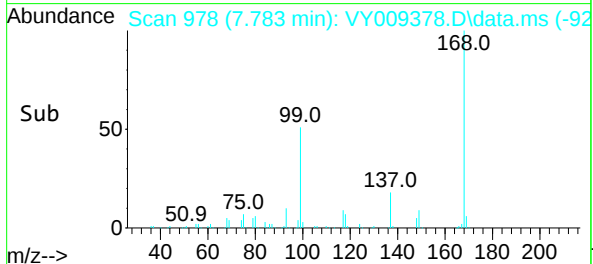
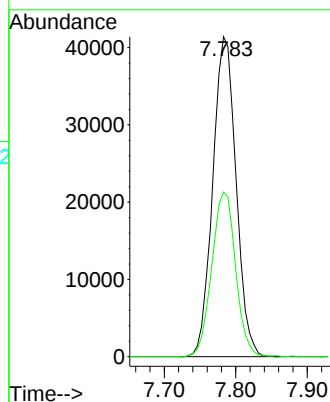
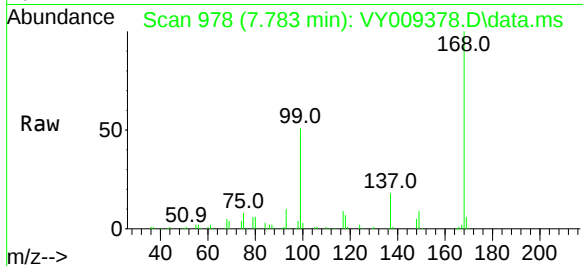




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

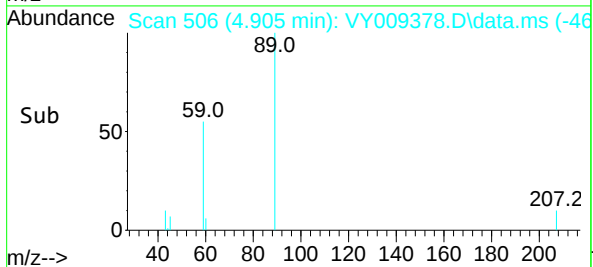
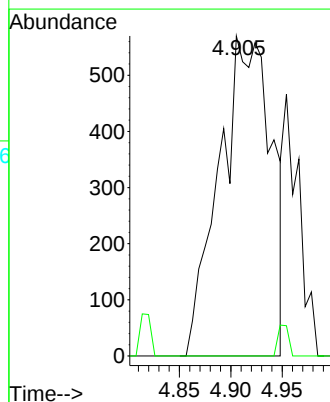
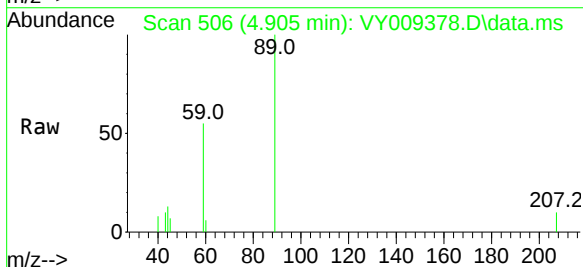
Instrument :
MSVOA_Y
ClientSampleId :
W-1

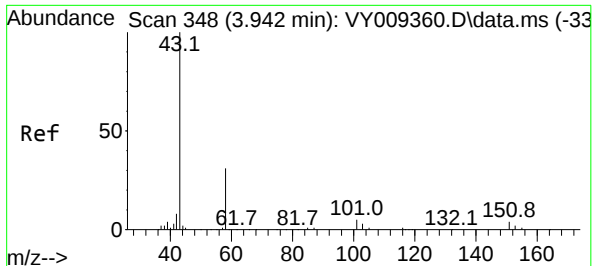
Tgt Ion:168 Resp: 93733
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 59 Resp: 2006
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

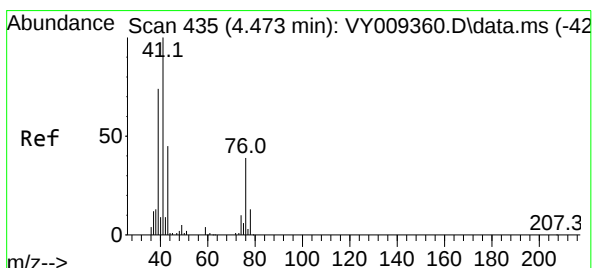
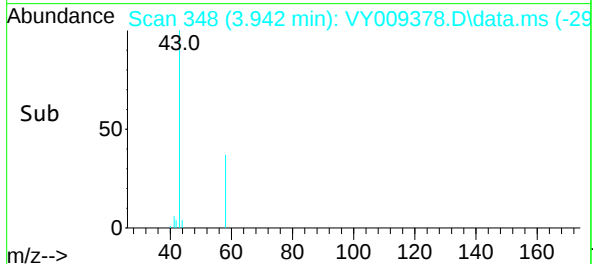
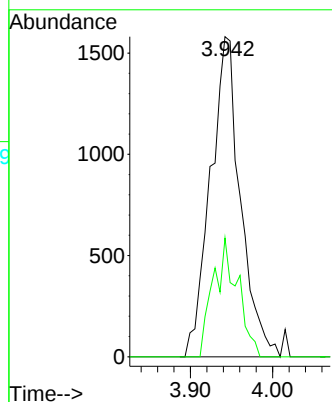
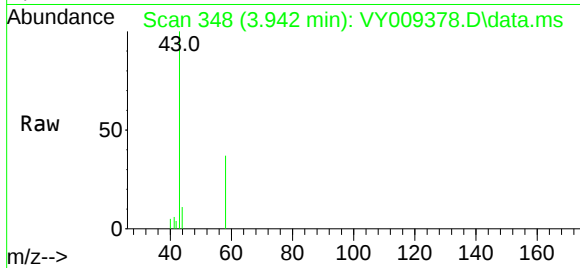




#16
Acetone
Concen: 16.255 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

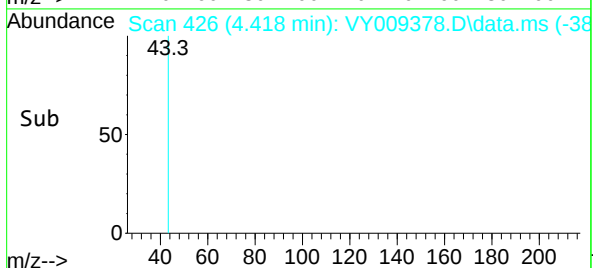
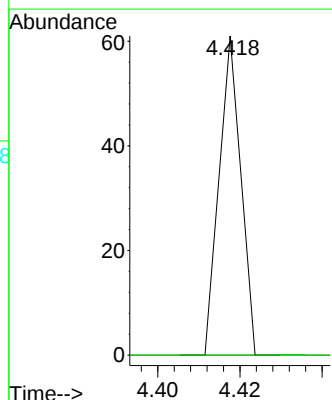
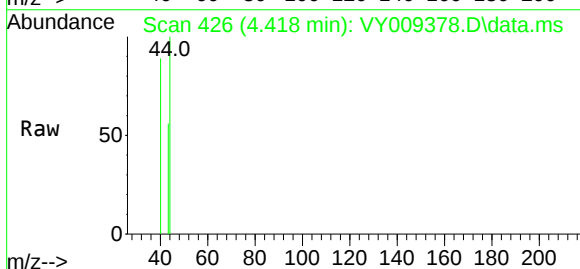
Instrument :
MSVOA_Y
ClientSampleId :
W-1

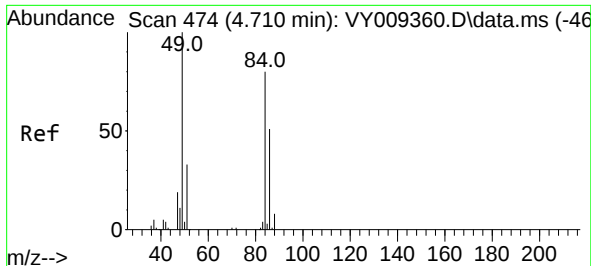
Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.418 min Scan# 426
Delta R.T. -0.055 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

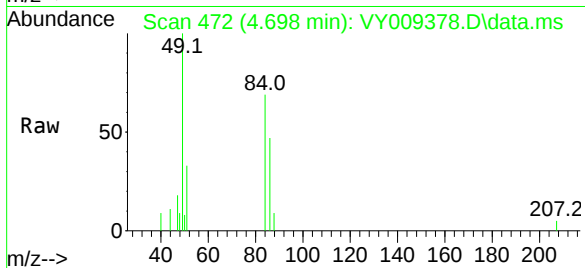
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





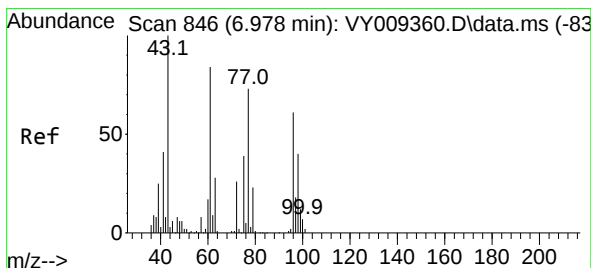
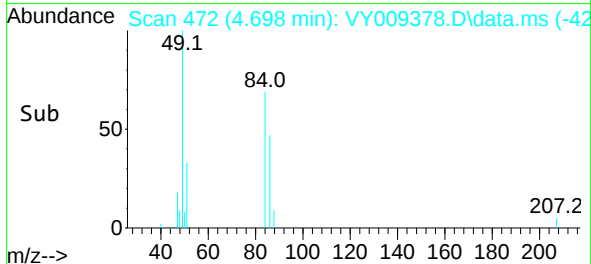
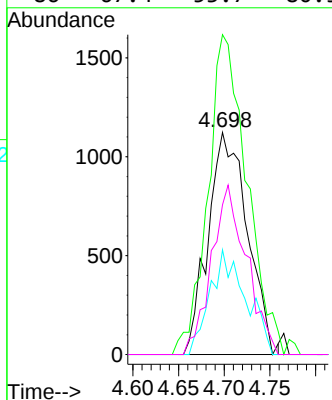
#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
W-1



Tgt Ion: 84 Resp: 3367

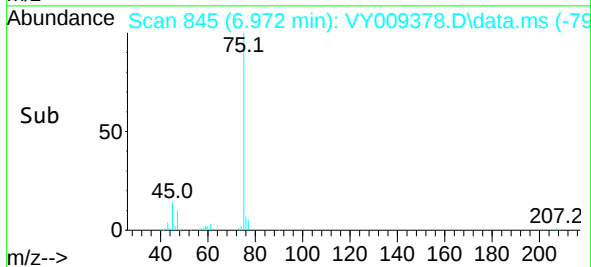
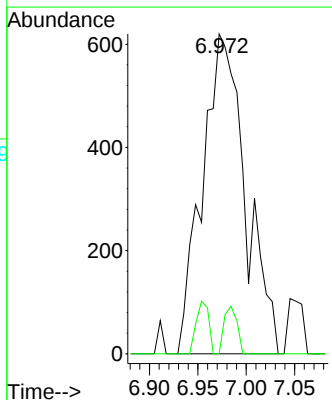
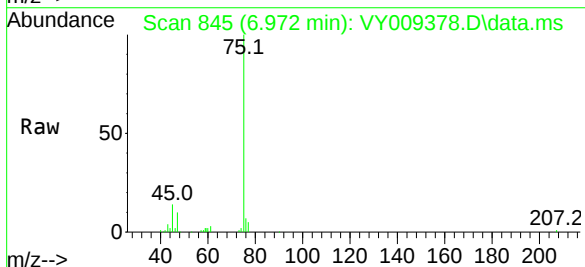
Ion	Ratio	Lower	Upper
84	100		
49	137.8	114.4	171.6
51	47.1	35.3	52.9
86	67.4	53.7	80.5

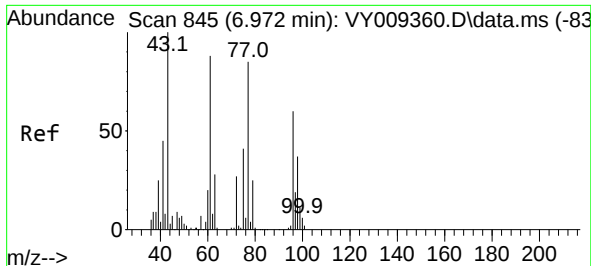


#25
2-Butanone
Concen: 4.907 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 43 Resp: 1918

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.254 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009378.D

Acq: 29 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

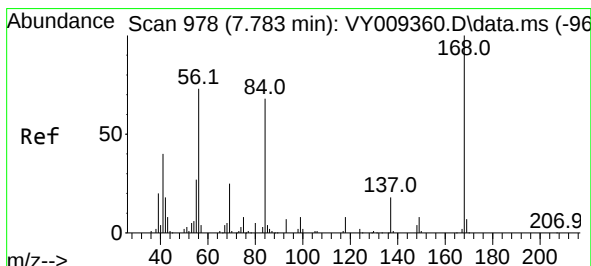
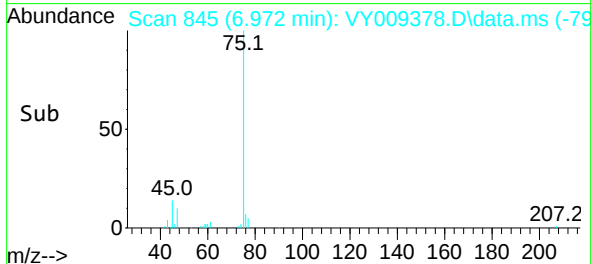
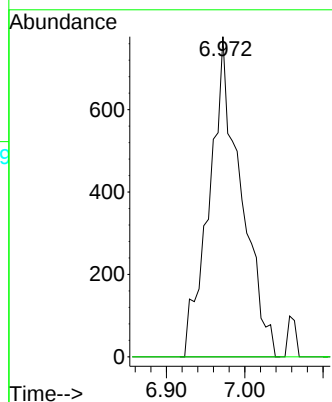
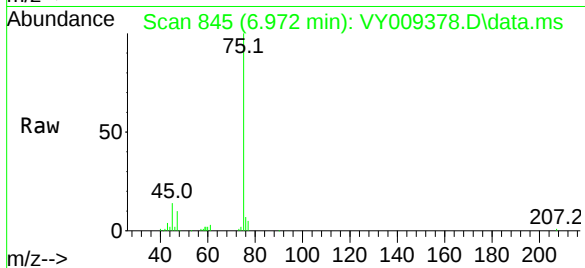
W-1

Tgt Ion: 77 Resp: 2175

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009378.D

Acq: 29 Jun 2022 17:18

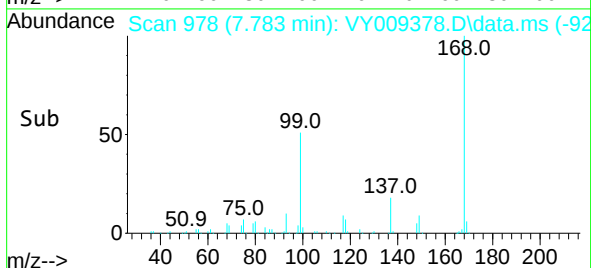
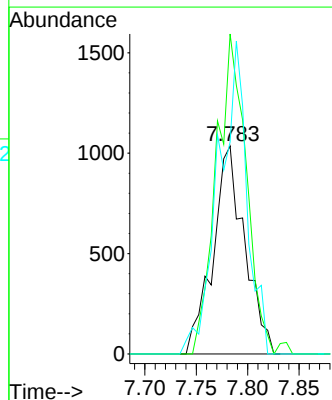
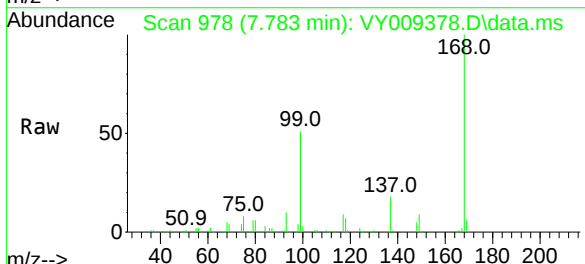
Tgt Ion: 56 Resp: 2225

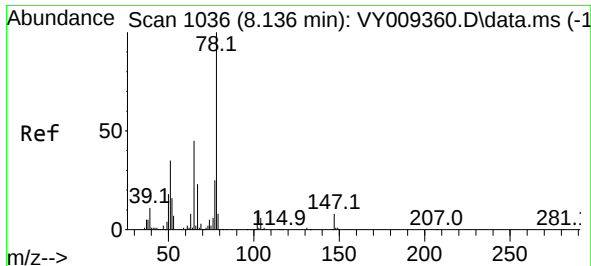
Ion Ratio Lower Upper

56 100

69 154.0 26.7 40.1#

84 102.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.594 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009378.D

Acq: 29 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

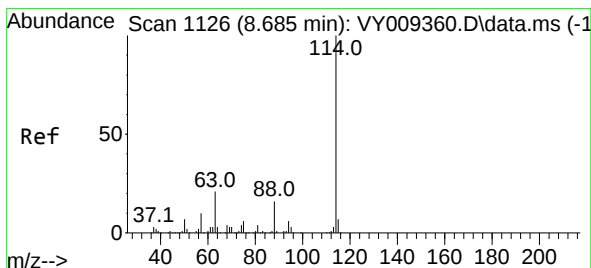
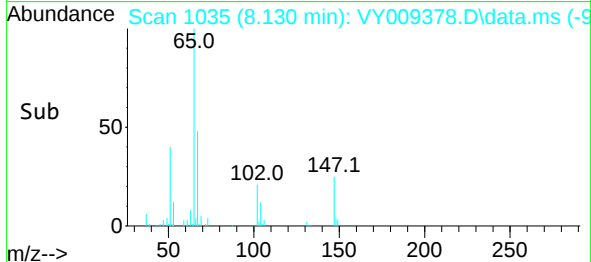
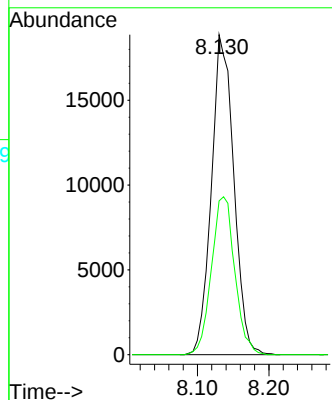
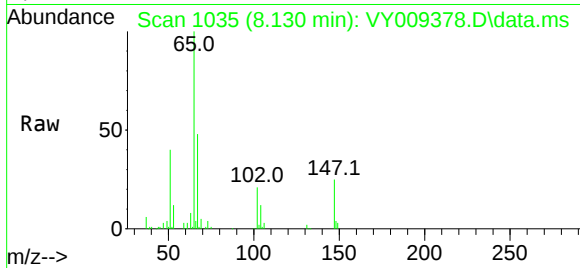
W-1

Tgt Ion: 65 Resp: 40987

Ion Ratio Lower Upper

65 100

67 51.5 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: VY009378.D

Acq: 29 Jun 2022 17:18

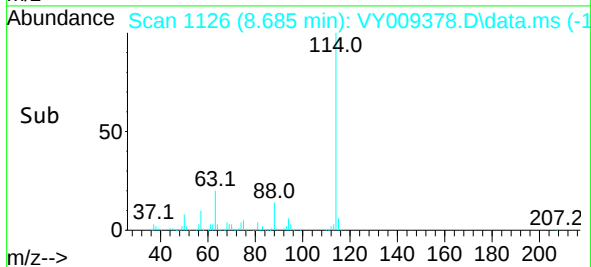
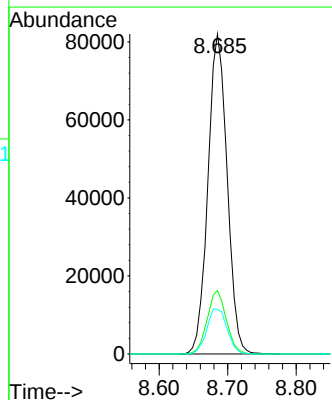
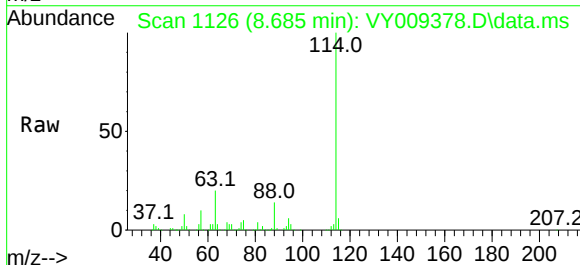
Tgt Ion:114 Resp: 159706

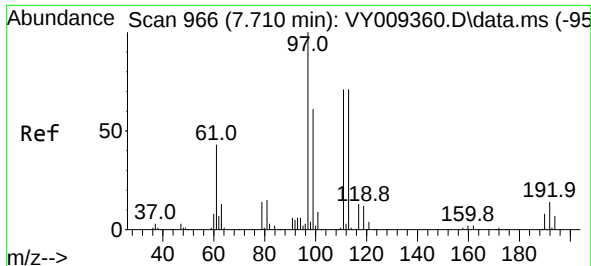
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 13.9 0.0 31.8

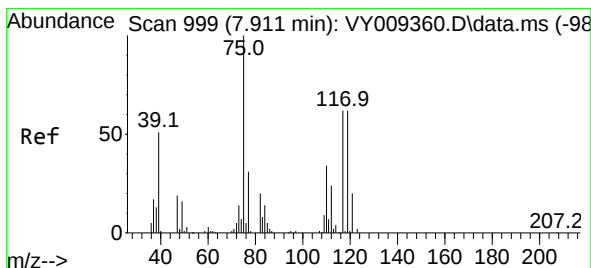
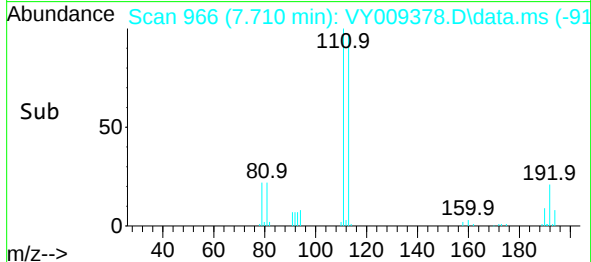
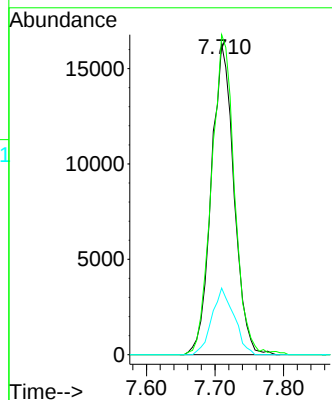
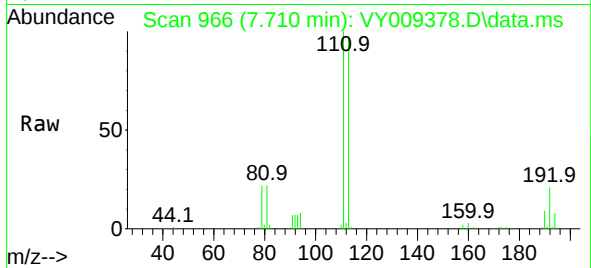




#35
Dibromofluoromethane
Concen: 42.441 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

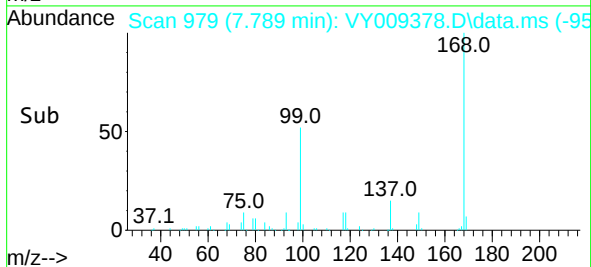
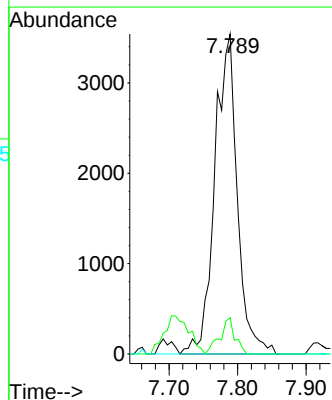
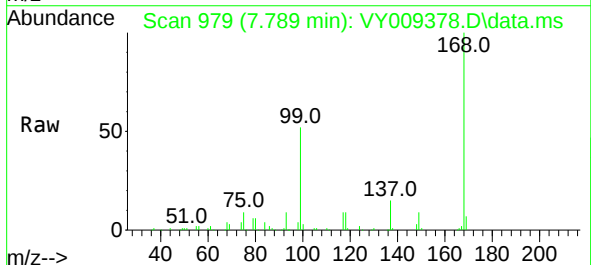
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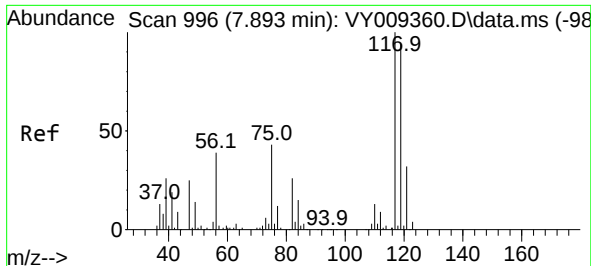
Tgt Ion:113 Resp: 37305
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

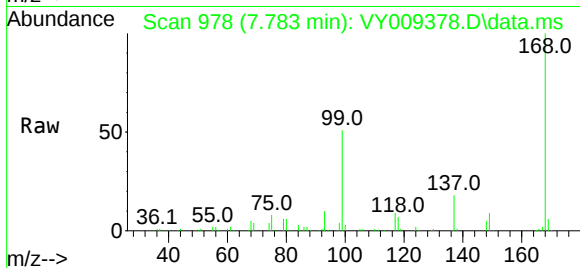
Tgt Ion: 75 Resp: 8059
Ion Ratio Lower Upper
75 100
110 7.6 17.1 51.2#
77 0.0 24.4 36.6#



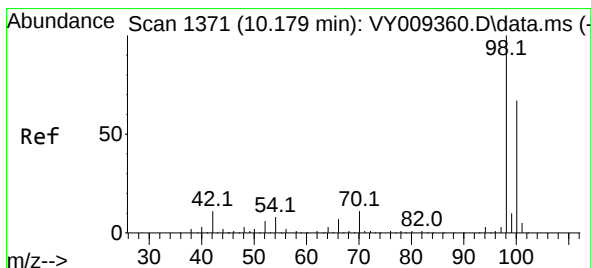
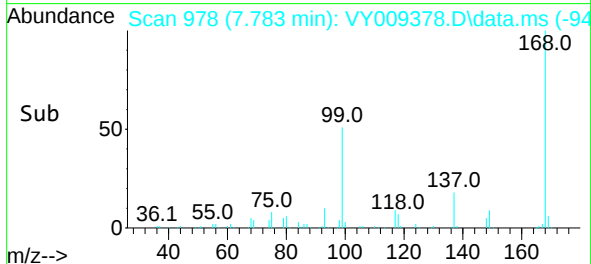
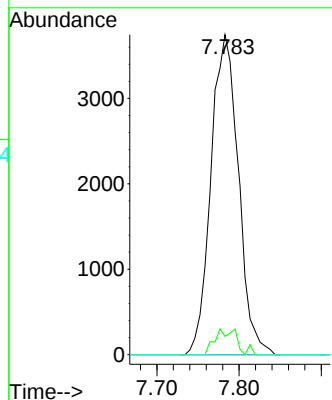


#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
W-1

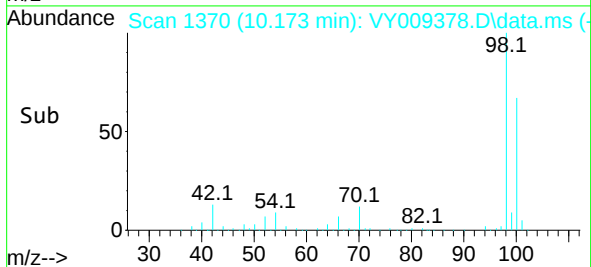
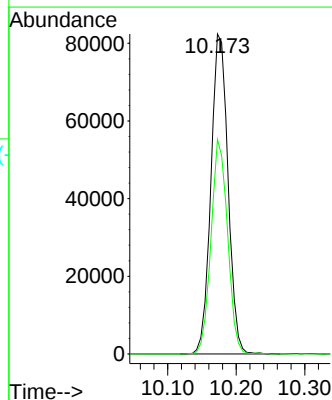
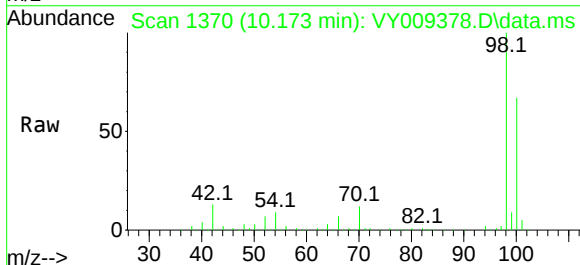


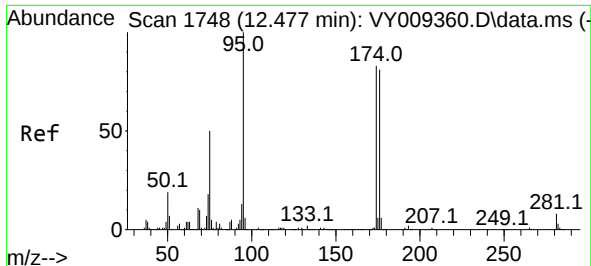
Tgt Ion:117 Resp: 8699
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.958 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 98 Resp: 142719
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

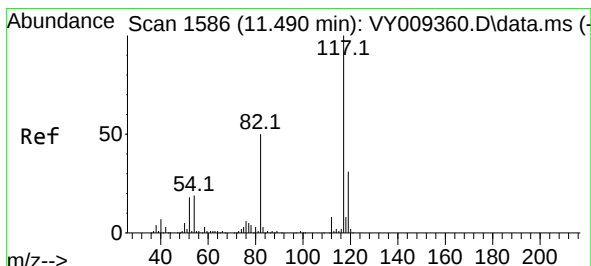
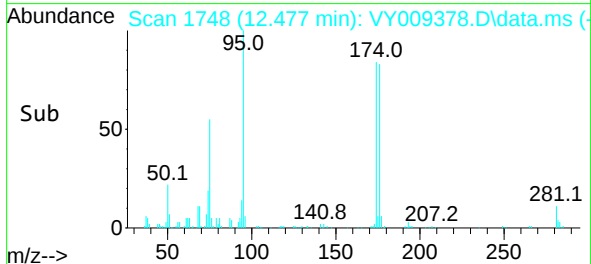
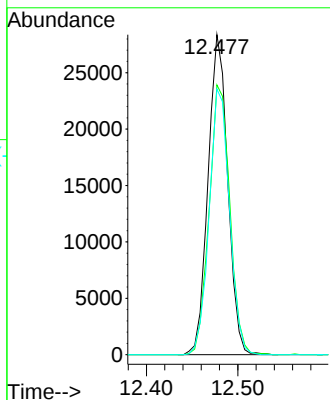
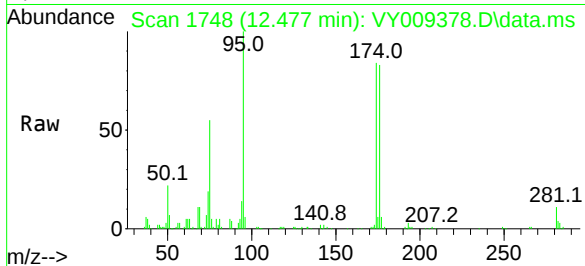




#62
4-Bromofluorobenzene
Concen: 33.032 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

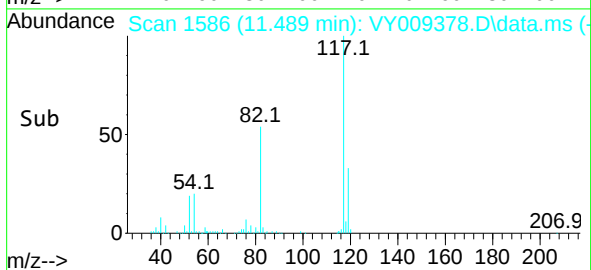
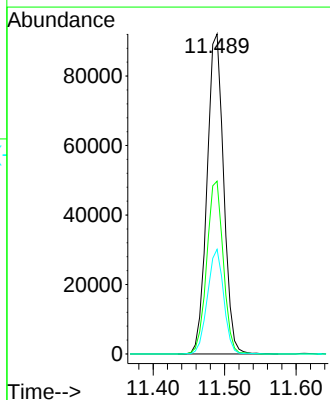
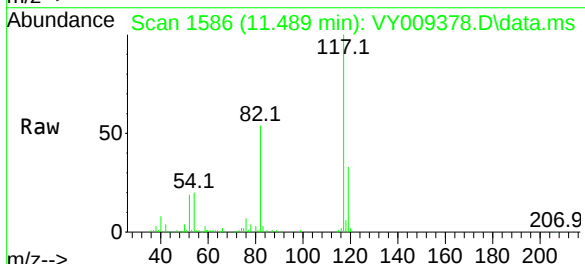
Instrument :
MSVOA_Y
ClientSampleId :
W-1

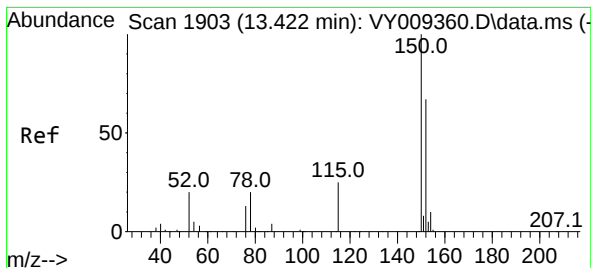
Tgt Ion:	95	Resp:	42219
Ion Ratio	Lower	Upper	
95	100		
174	88.7	0.0	177.0
176	85.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion:	117	Resp:	148253
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.0	64.4
119	32.7	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: VY009378.D

Acq: 29 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

W-1

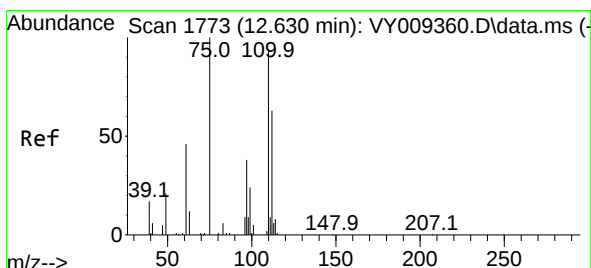
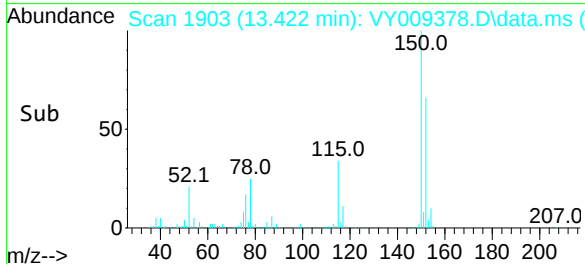
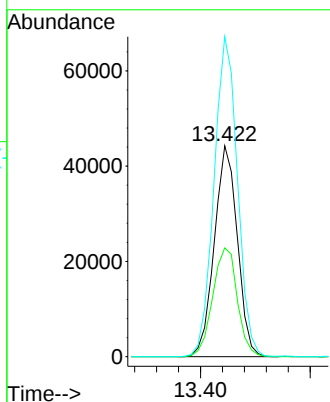
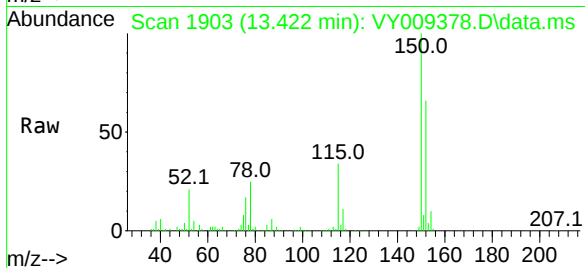
Tgt Ion:152 Resp: 64536

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 154.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 29.932 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009378.D

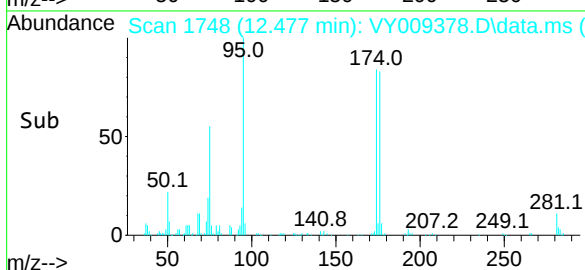
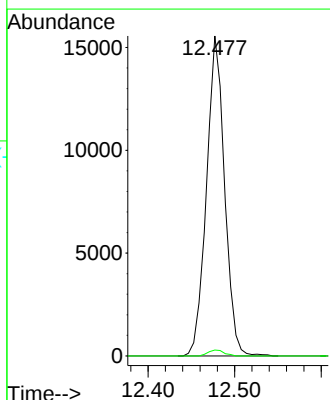
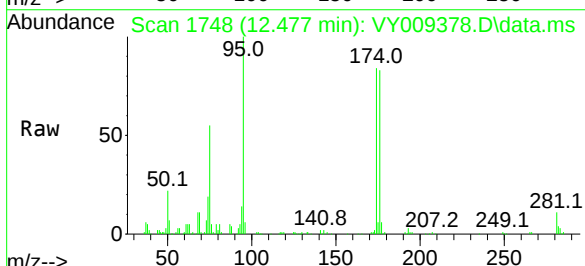
Acq: 29 Jun 2022 17:18

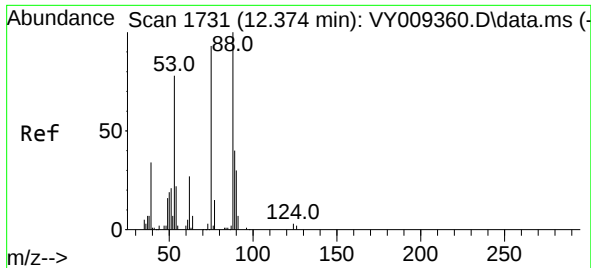
Tgt Ion: 75 Resp: 22622

Ion Ratio Lower Upper

75 100

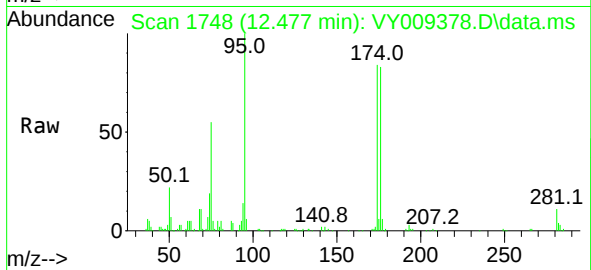
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.644 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Instrument :
MSVOA_Y
ClientSampleId :
W-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

