

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009399.D
 Acq On : 30 Jun 2022 17:33
 Operator : KP/MD
 Sample : N3488-10
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:48:14 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)

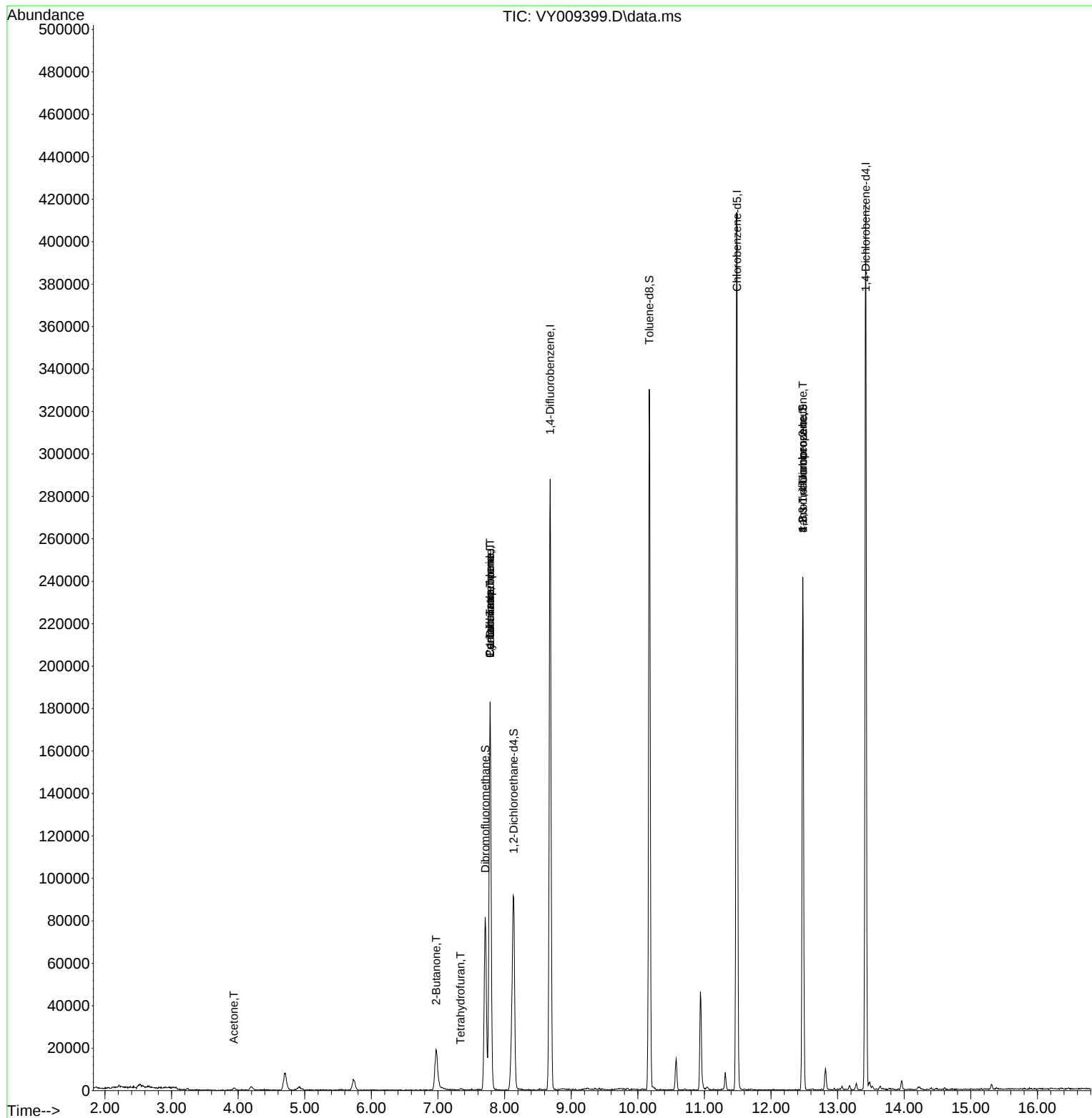
Internal Standards						
1) Pentafluorobenzene	7.783	168	139357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63486	56.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.760%	
35) Dibromofluoromethane	7.710	113	54300	41.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.640%	
50) Toluene-d8	10.173	98	207662	52.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.477	95	67195	35.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	1744	Below Cal	#	77
16) Acetone	3.936	43	1472	4.016	ug/l	99
18) Methyl Acetate	4.460	43	53	Below Cal	#	56
20) Methylene Chloride	4.710	84	6120	Below Cal	#	85
25) 2-Butanone	6.972	43	1733	2.982	ug/l	# 79
29) Tetrahydrofuran	7.338	42	536	1.439	ug/l	# 51
31) Cyclohexane	7.783	56	3233	1.288	ug/l	# 21
36) 1,1-Dichloropropene	7.783	75	10360	4.563	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	13361	5.631	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	36214	29.867	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36214	66.499	ug/l	# 7

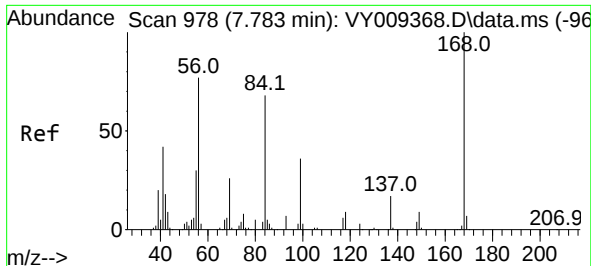
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
Data File : VY009399.D
Acq On : 30 Jun 2022 17:33
Operator : KP/MD
Sample : N3488-10
Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

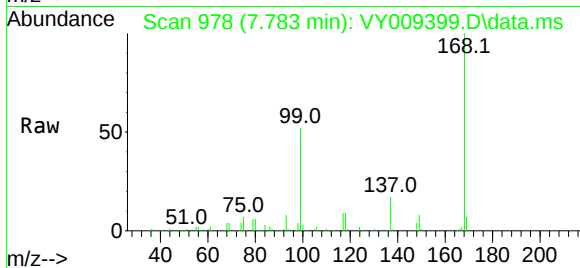
Quant Time: Jul 01 03:48:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration



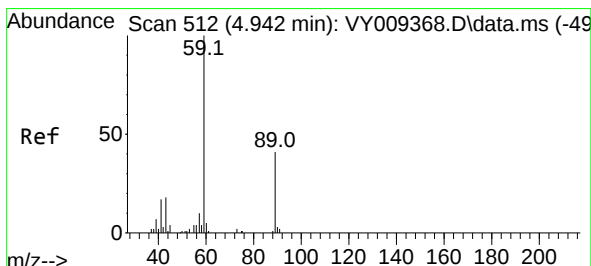
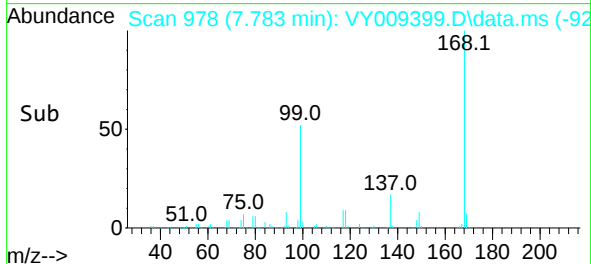
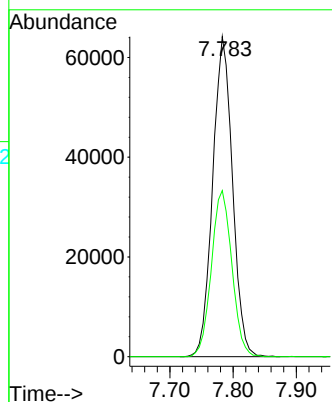


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Instrument :
MSVOA_Y
ClientSampleId :

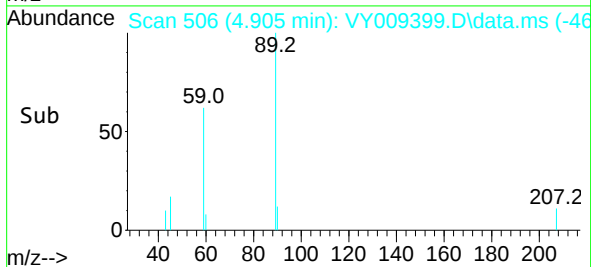
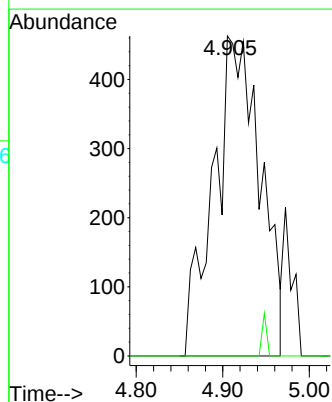
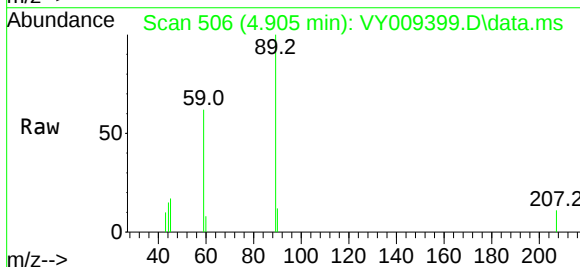


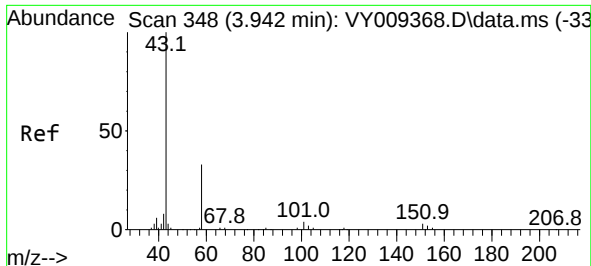
Tgt Ion:168 Resp: 139357
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Tgt Ion: 59 Resp: 1744
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

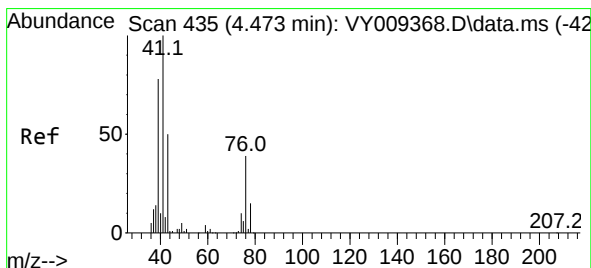
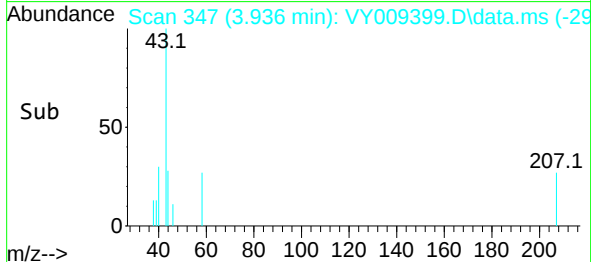
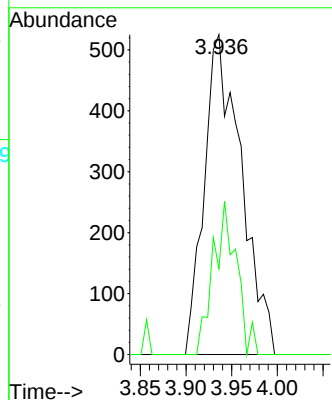
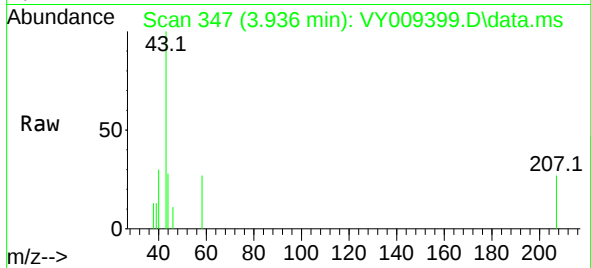




#16
Acetone
Concen: 4.016 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

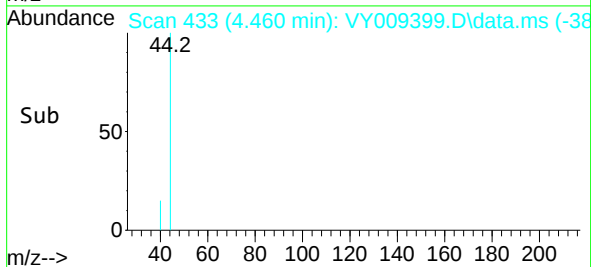
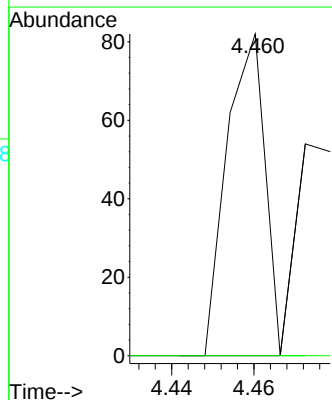
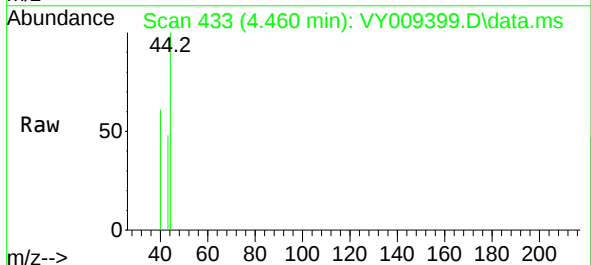
Instrument :
MSVOA_Y
ClientSampleId :

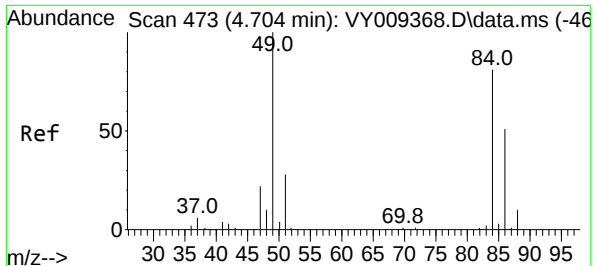
Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.013 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

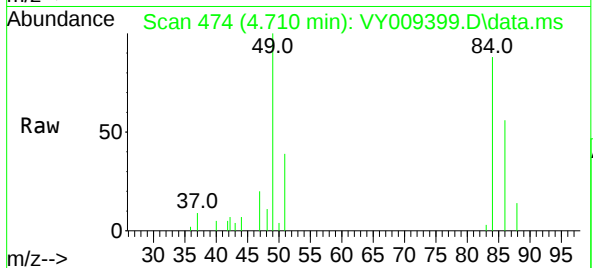
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



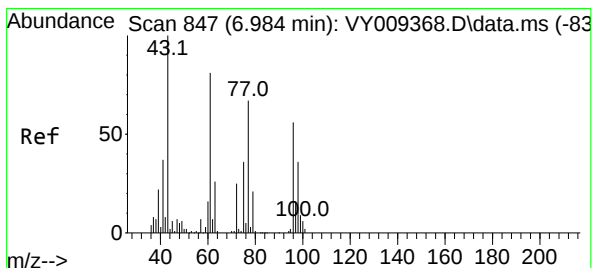
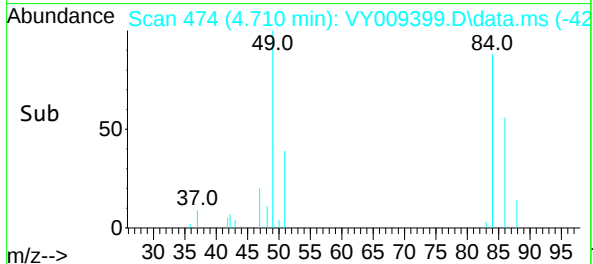
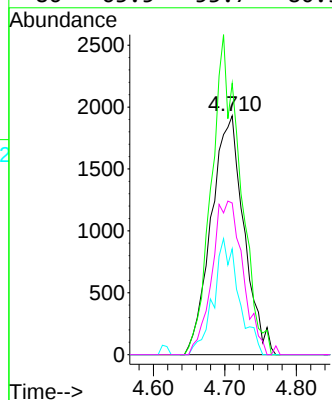


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Instrument :
MSVOA_Y
ClientSampleId :

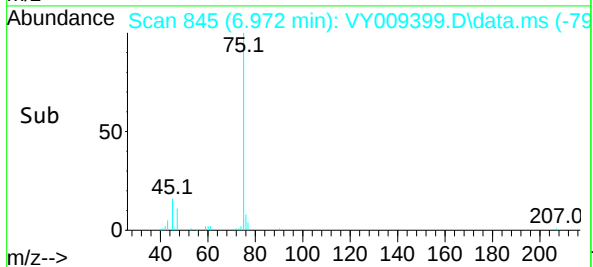
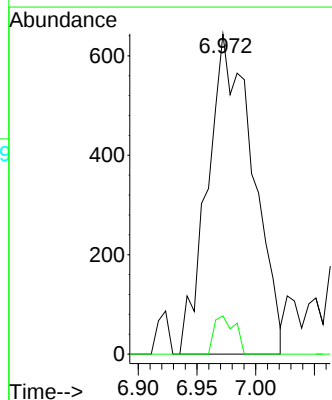
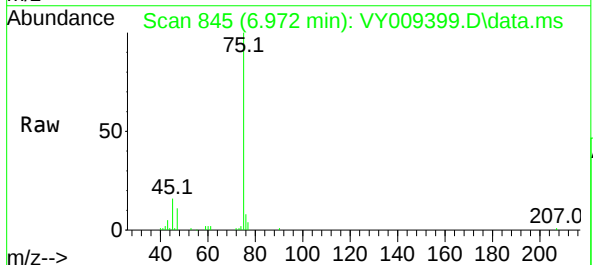


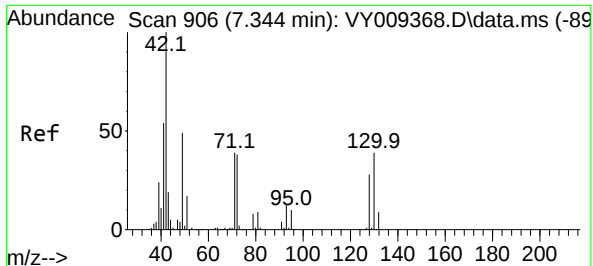
Tgt Ion: 84 Resp: 6120
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 44.3 35.3 52.9
86 63.5 53.7 80.5



#25
2-Butanone
Concen: 2.982 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
72 12.0 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.439 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

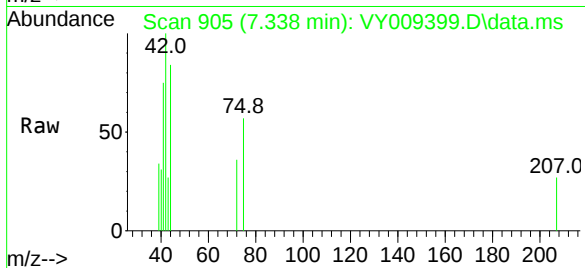
Lab File: VY009399.D

Acq: 30 Jun 2022 17:33

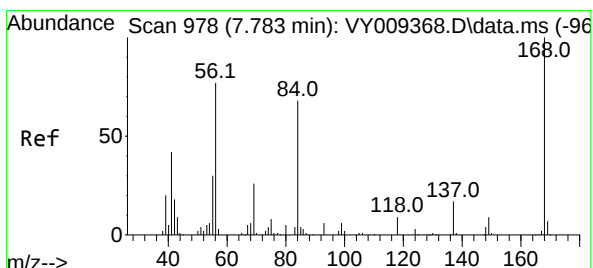
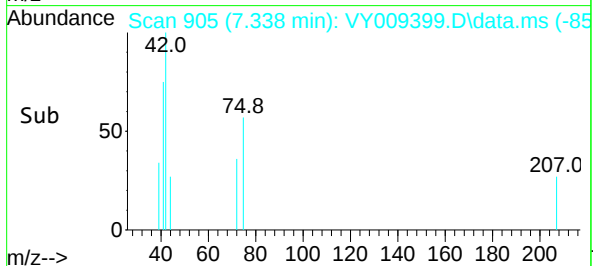
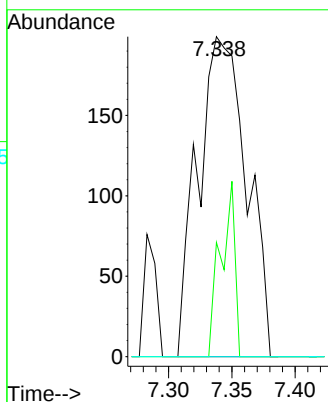
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	536
Ion	Ratio	Lower	Upper
42	100		
72	16.0	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.288 ug/l

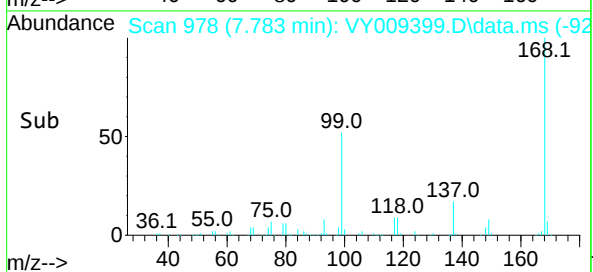
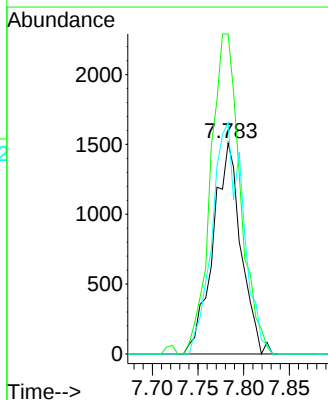
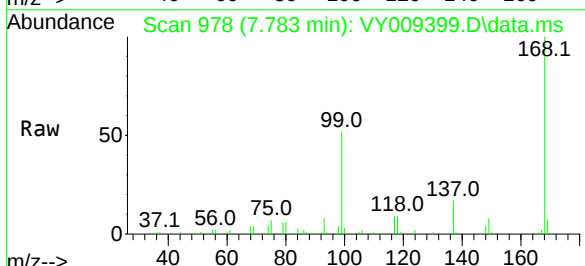
RT: 7.783 min Scan# 978

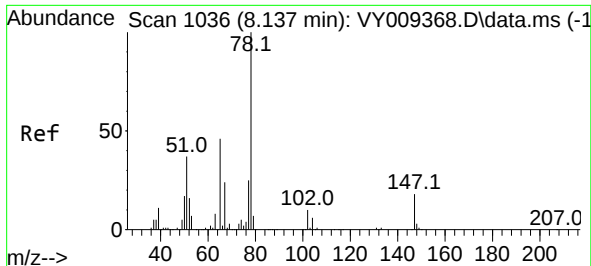
Delta R.T. -0.000 min

Lab File: VY009399.D

Acq: 30 Jun 2022 17:33

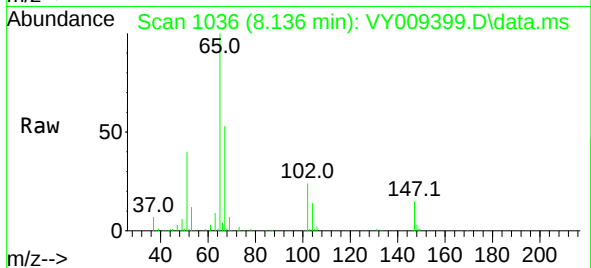
Tgt Ion:	56	Resp:	3233
Ion	Ratio	Lower	Upper
56	100		
69	151.7	26.7	40.1#
84	109.7	67.2	100.8#



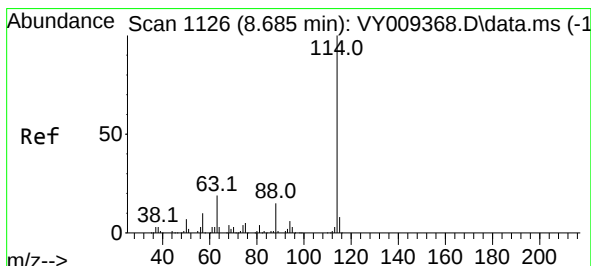
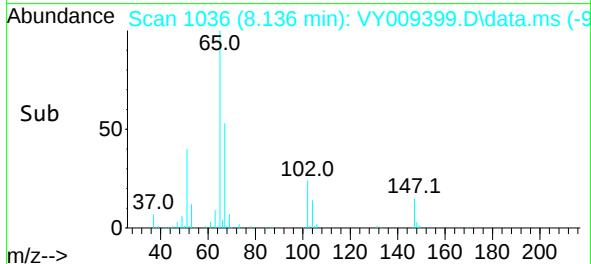
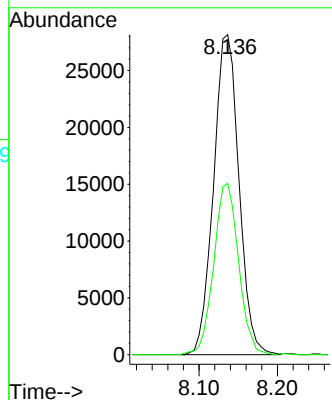


#33
 1,2-Dichloroethane-d4
 Concen: 56.877 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009399.D
 Acq: 30 Jun 2022 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

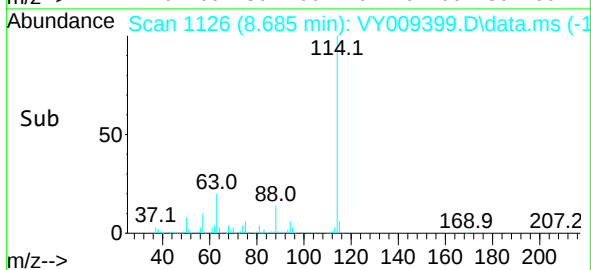
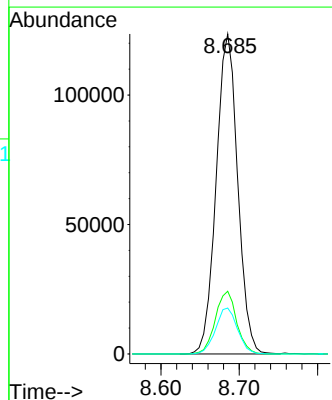
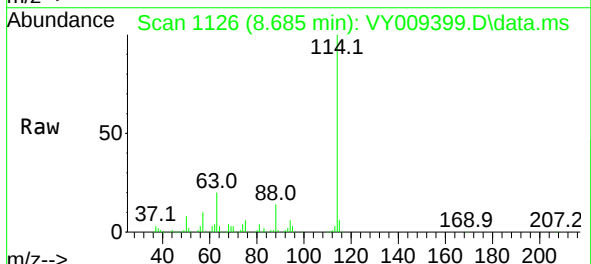


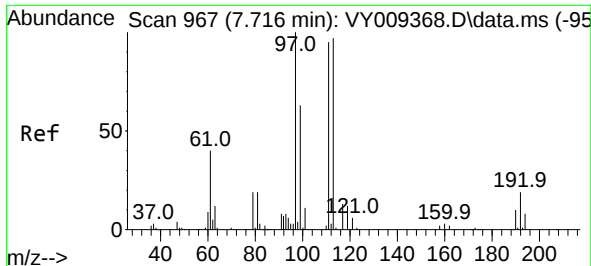
Tgt Ion: 65 Resp: 63486
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009399.D
 Acq: 30 Jun 2022 17:33

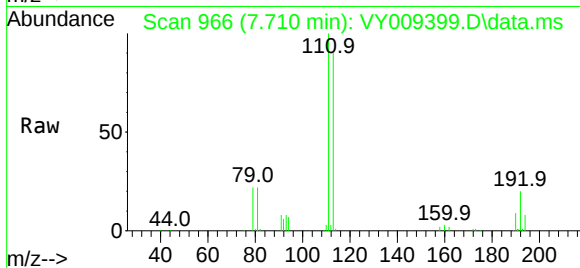
Tgt Ion: 114 Resp: 235914
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 14.3 0.0 31.8



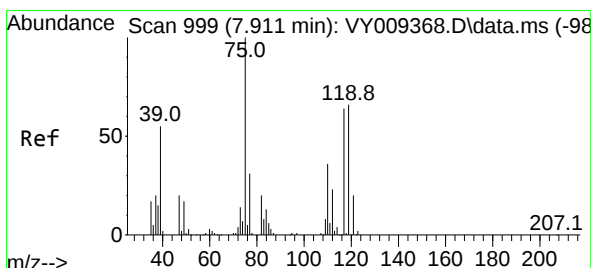
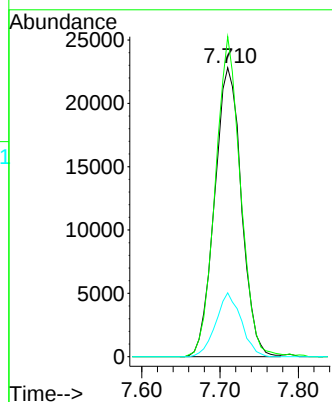
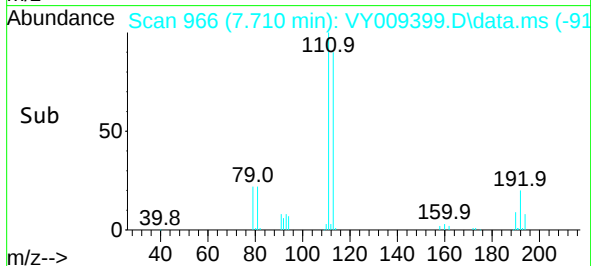


#35
Dibromofluoromethane
Concen: 41.820 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

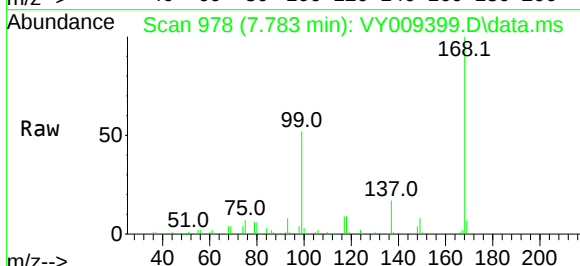
Instrument :
MSVOA_Y
ClientSampleId :



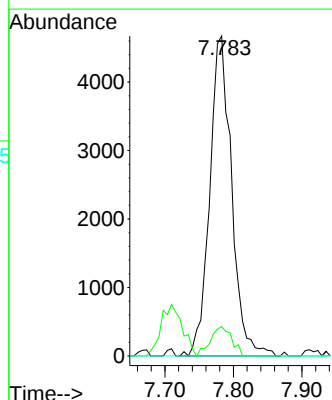
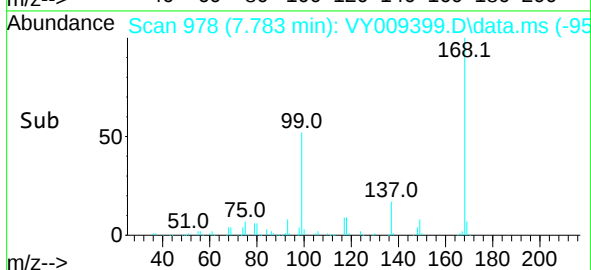
Tgt Ion:113 Resp: 54300
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 20.9 17.6 26.4

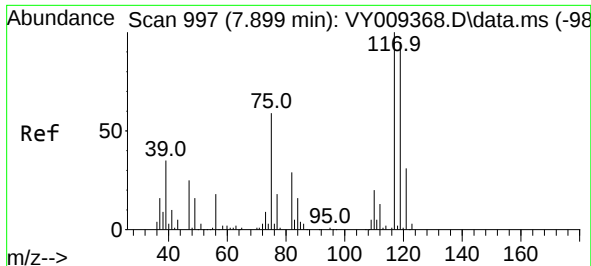


#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33



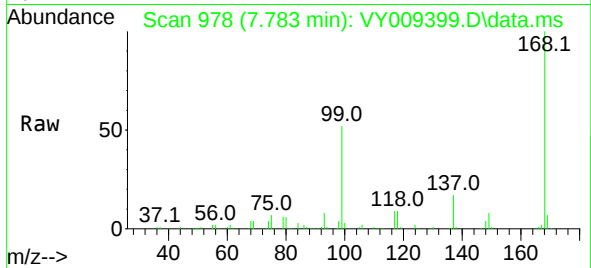
Tgt Ion: 75 Resp: 10360
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



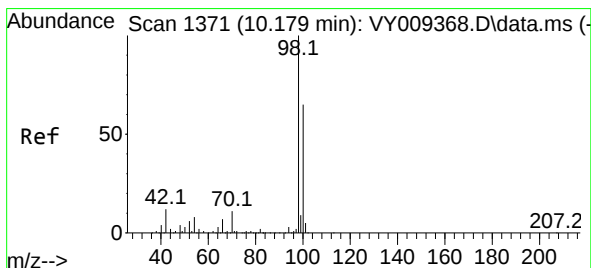
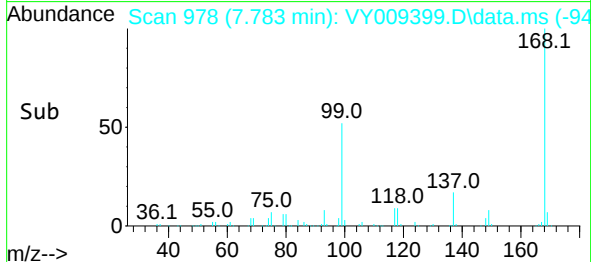
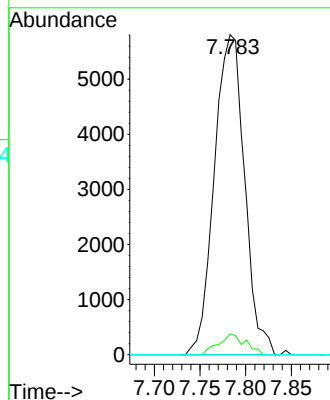


#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Instrument :
MSVOA_Y
ClientSampleId :

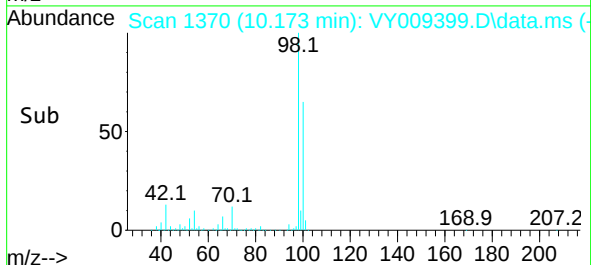
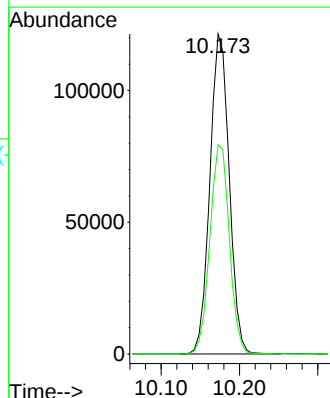
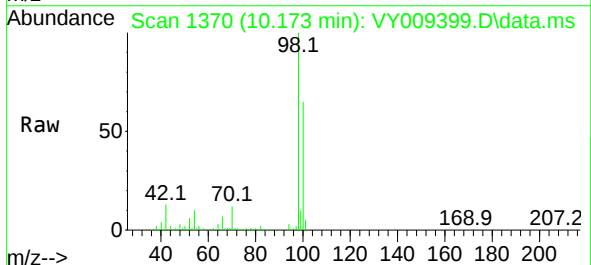


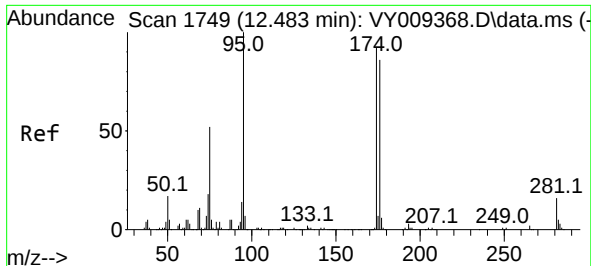
Tgt Ion:117 Resp: 13361
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.164 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009399.D
Acq: 30 Jun 2022 17:33

Tgt Ion: 98 Resp: 207662
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 35.590 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009399.D

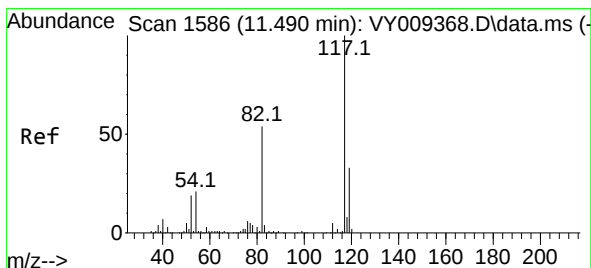
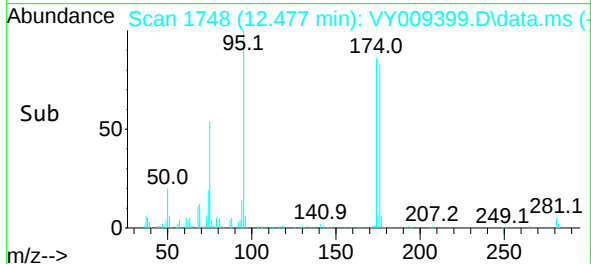
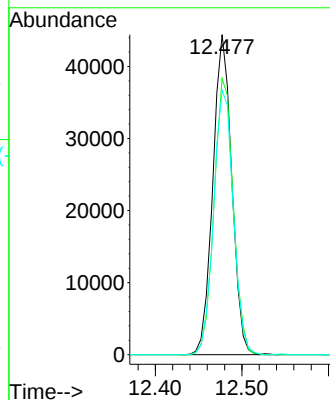
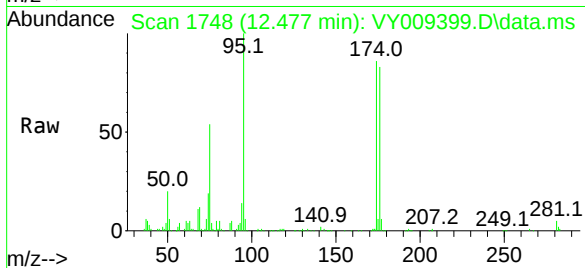
Acq: 30 Jun 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	67195
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	177.0
176	86.4	0.0	175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

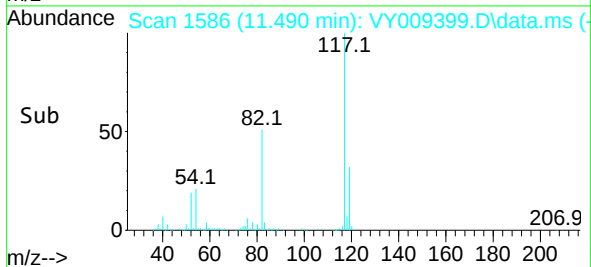
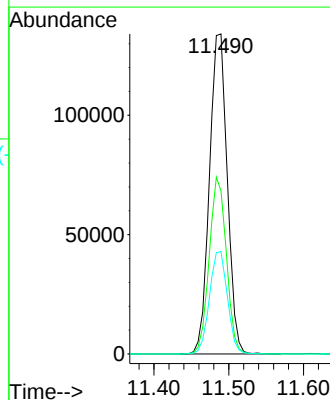
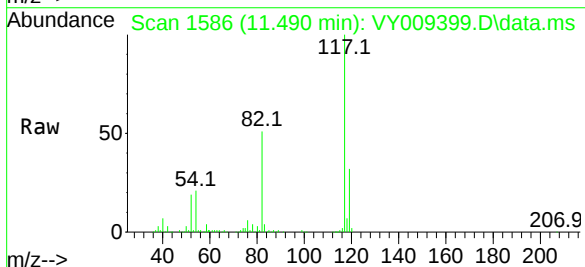
RT: 11.490 min Scan# 1586

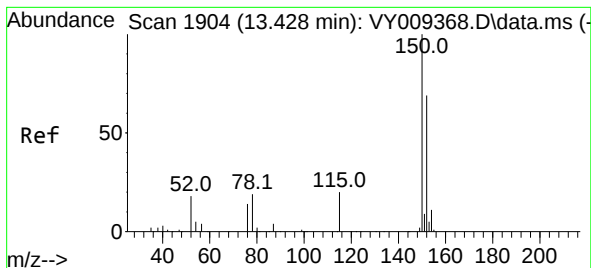
Delta R.T. -0.001 min

Lab File: VY009399.D

Acq: 30 Jun 2022 17:33

Tgt Ion:	117	Resp:	222080
Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.0	64.4
119	32.0	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: VY009399.D

Acq: 30 Jun 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

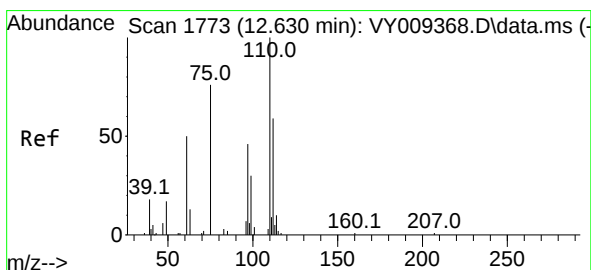
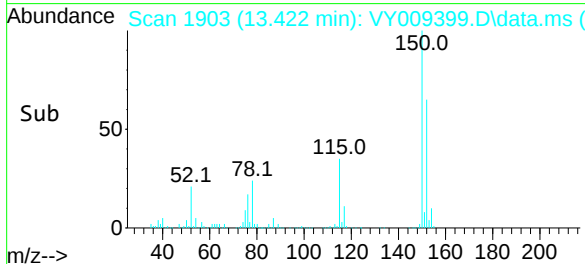
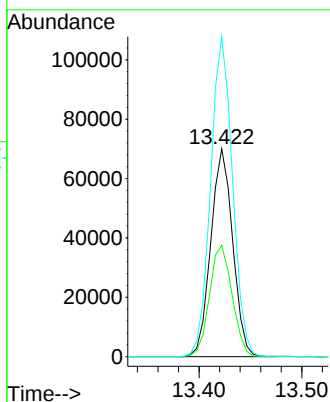
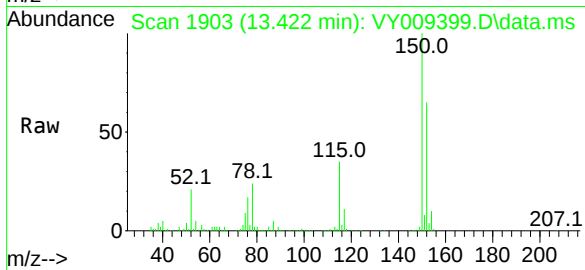
Tgt Ion:152 Resp: 103537

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 154.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 29.867 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009399.D

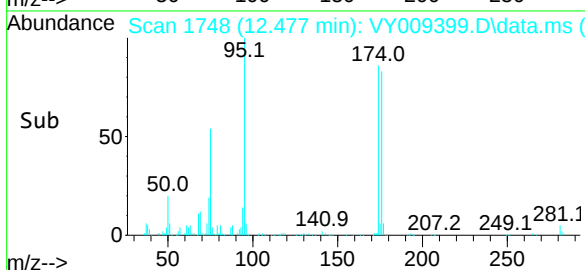
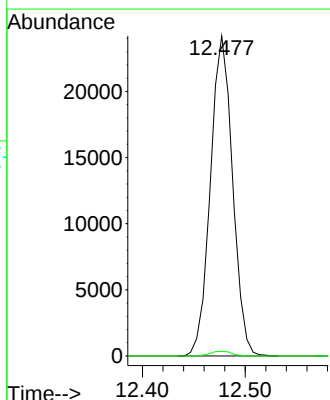
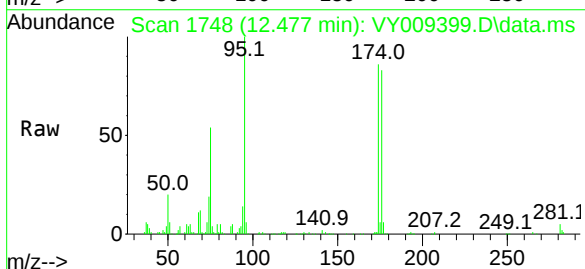
Acq: 30 Jun 2022 17:33

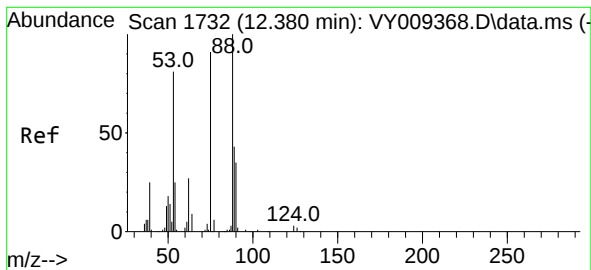
Tgt Ion: 75 Resp: 36214

Ion Ratio Lower Upper

75 100

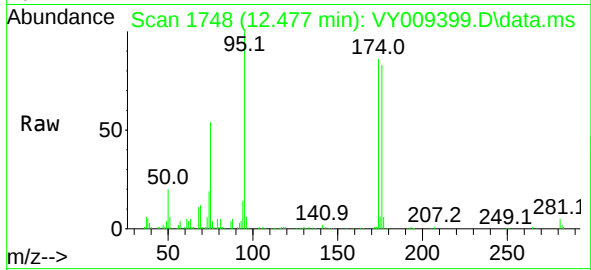
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.499 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009399.D
 Acq: 30 Jun 2022 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :



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

