

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010048.D
 Acq On : 16 Aug 2022 16:51
 Operator : KP/MD
 Sample : N4197-02
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-1

Quant Time: Aug 16 17:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

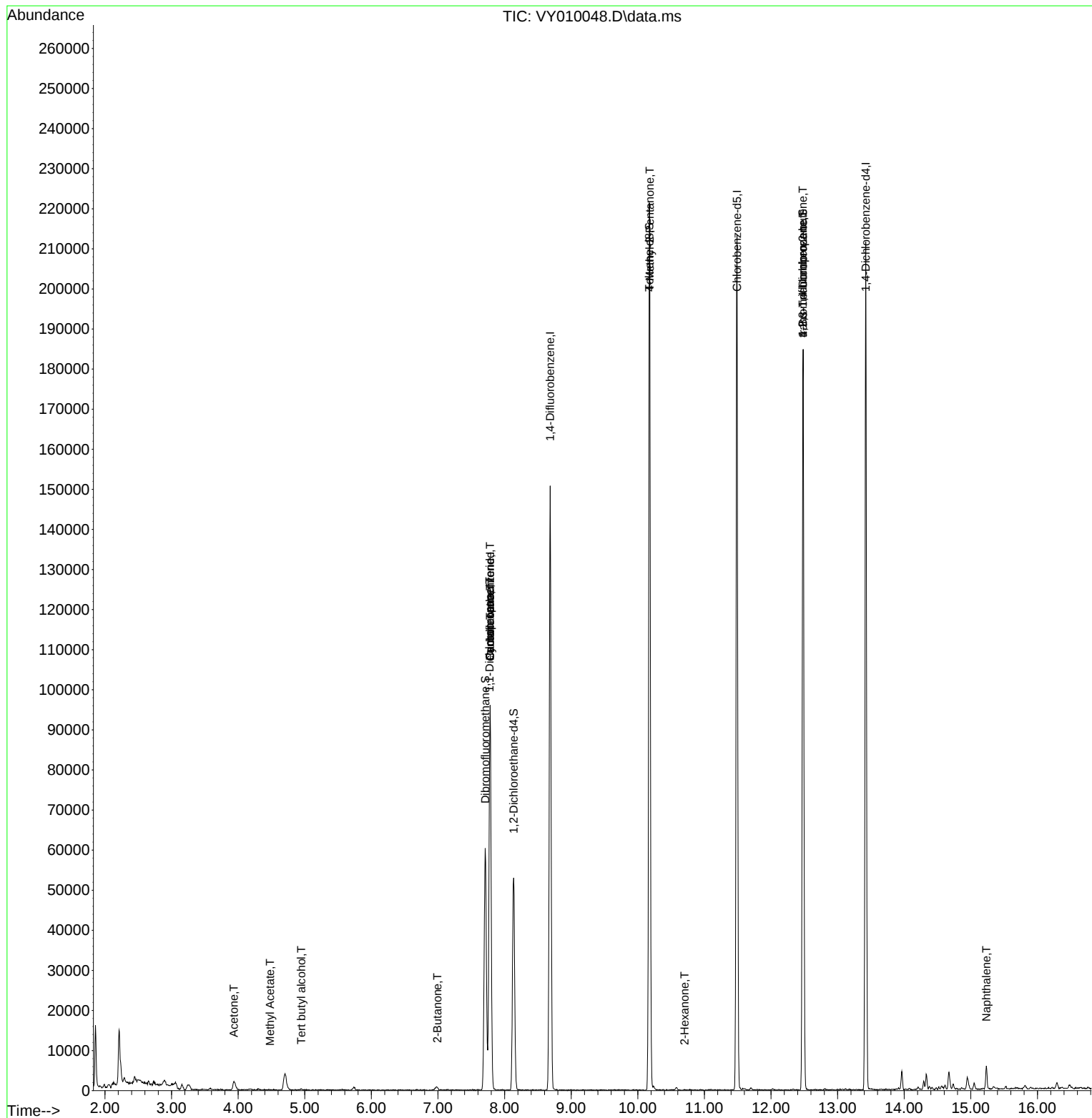
Internal Standards						
1) Pentafluorobenzene	7.783	168	76909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43415	56.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.920%	
35) Dibromofluoromethane	7.710	113	40935	50.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.173	98	144046	47.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.477	95	45122	42.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	211	Below Cal	100	
11) Tert butyl alcohol	4.948	59	584	13.481	ug/l #	74
16) Acetone	3.936	43	3996	24.261	ug/l	94
18) Methyl Acetate	4.479	43	46	4.113	ug/l #	49
25) 2-Butanone	6.990	43	385	1.709	ug/l #	48
31) Cyclohexane	7.783	56	1617	1.488	ug/l #	3
36) 1,1-Dichloropropene	7.777	75	5025	4.414	ug/l #	51
38) Carbon Tetrachloride	7.783	117	7477	5.340	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	643	1.071	ug/l #	1
59) 2-Hexanone	10.703	43	116	24.381	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	24618	48.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24618	109.386	ug/l #	12
95) Naphthalene	15.233	128	4911	6.616	ug/l	99

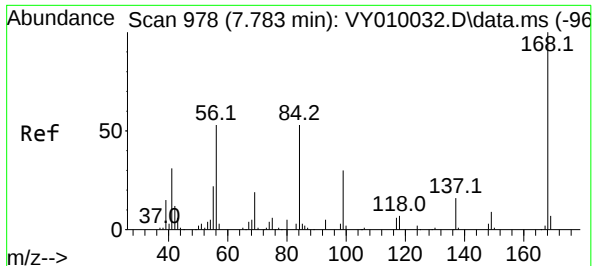
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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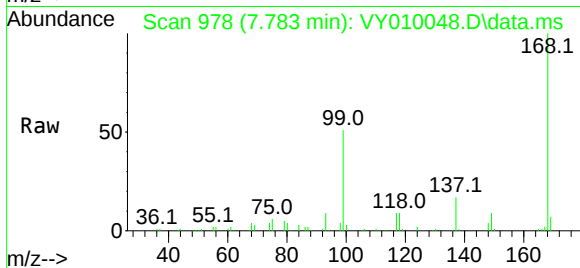
Quant Time: Aug 16 17:56:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
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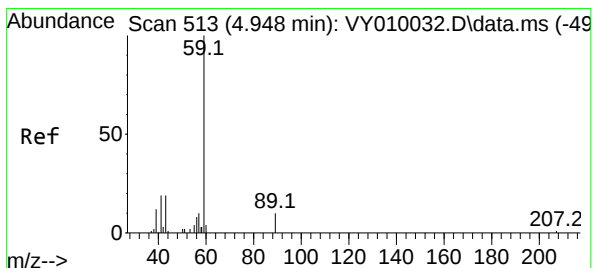
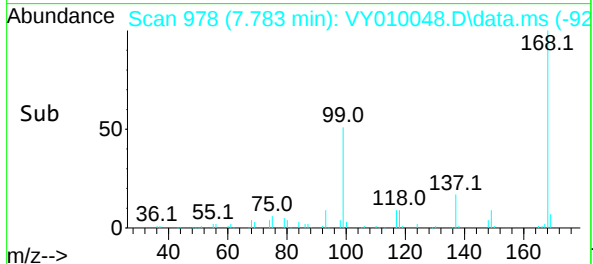
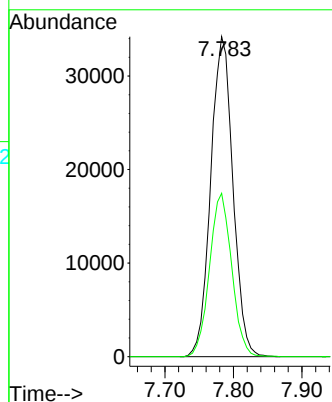


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-1

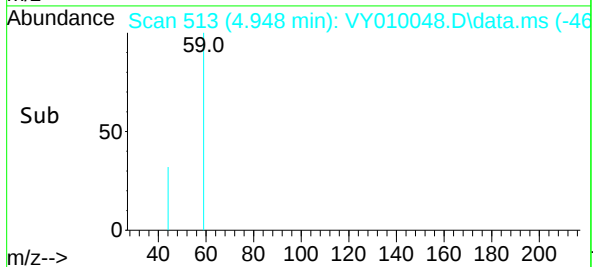
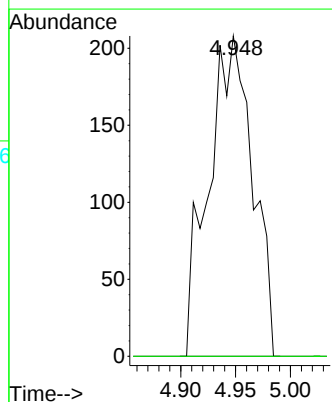
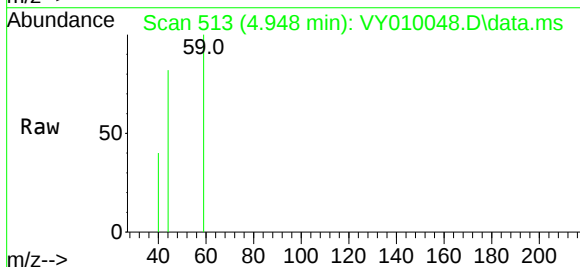


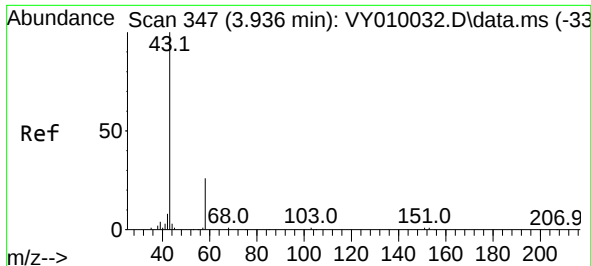
Tgt Ion:168 Resp: 76909
Ion Ratio Lower Upper
168 100
99 51.1 37.7 56.5



#11
Tert butyl alcohol
Concen: 13.481 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

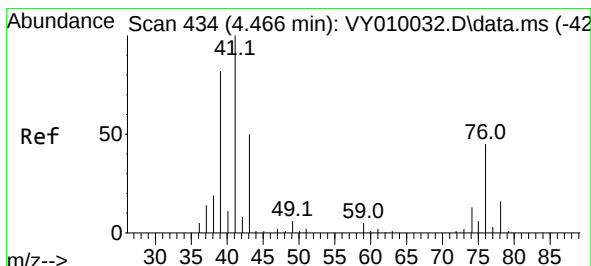
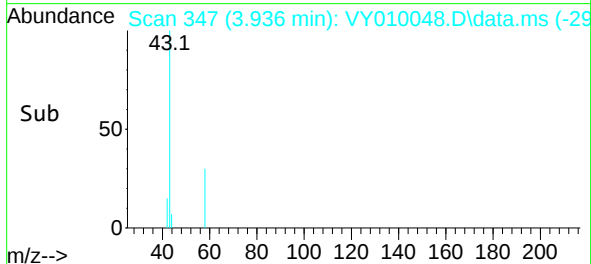
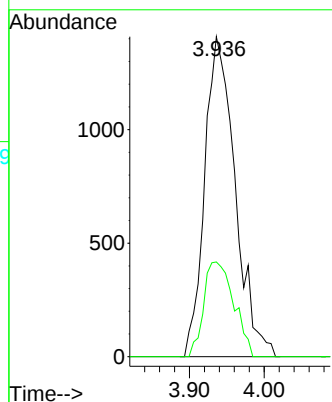
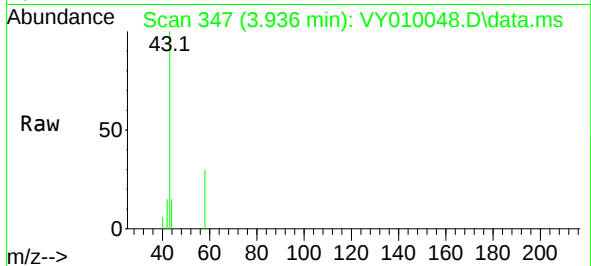




#16
Acetone
Concen: 24.261 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

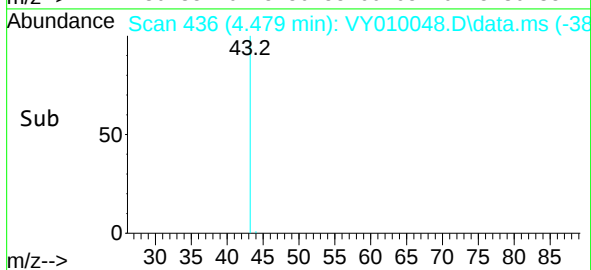
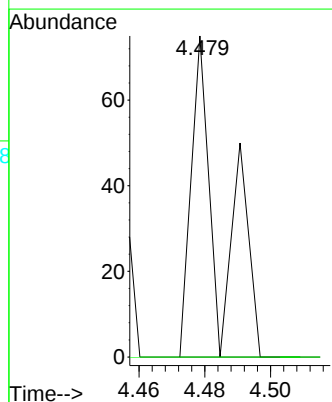
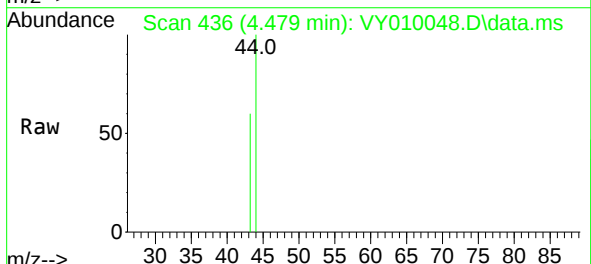
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-1

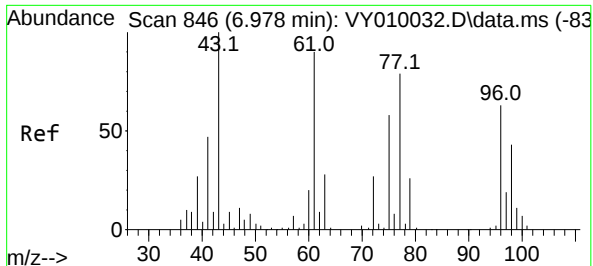
Tgt Ion: 43 Resp: 3996
Ion Ratio Lower Upper
43 100
58 29.6 21.4 32.0



#18
Methyl Acetate
Concen: 4.113 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#





#25

2-Butanone

Concen: 1.709 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY010048.D

Acq: 16 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

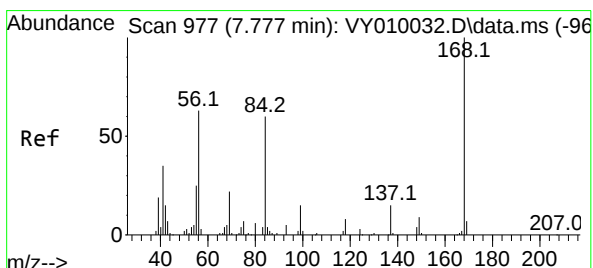
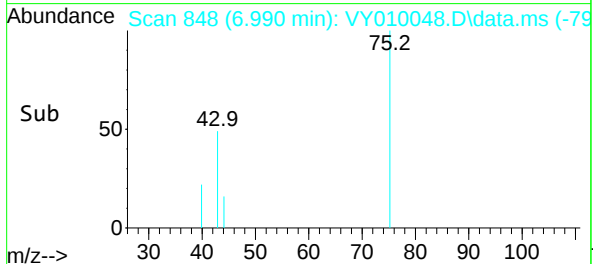
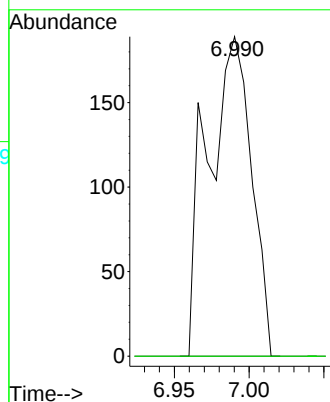
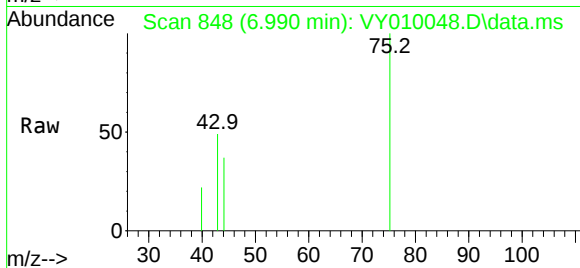
TT-203-IDWSO-20220811-1

Tgt Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.488 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010048.D

Acq: 16 Aug 2022 16:51

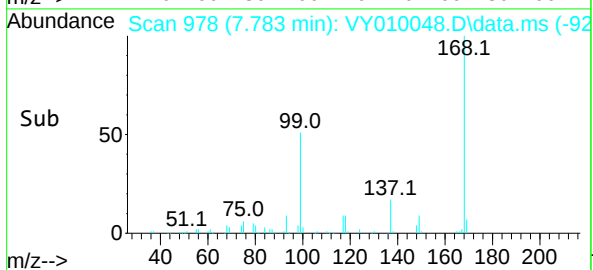
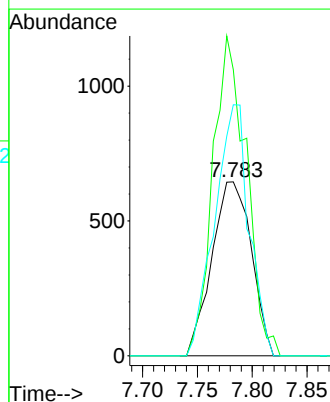
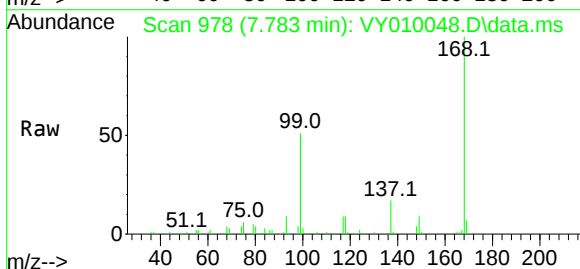
Tgt Ion: 56 Resp: 1617

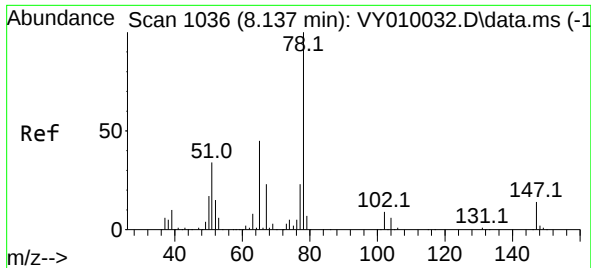
Ion Ratio Lower Upper

56 100

69 164.5 28.6 43.0#

84 144.3 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 56.457 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010048.D

Acq: 16 Aug 2022 16:51

Instrument :

MSVOA_Y

ClientSampleId :

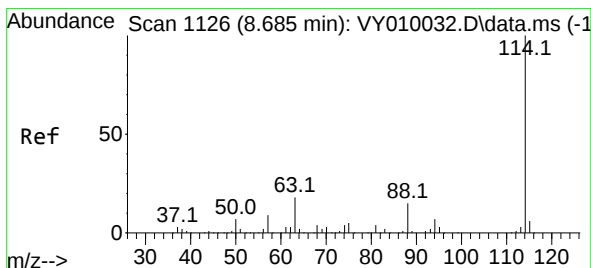
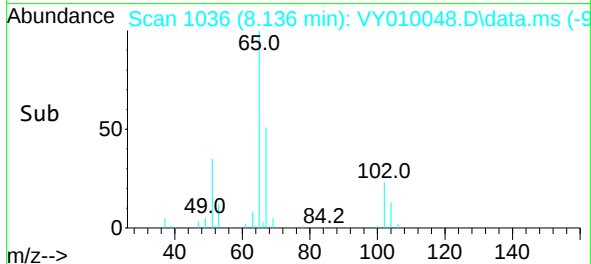
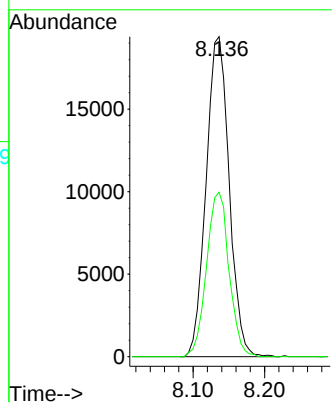
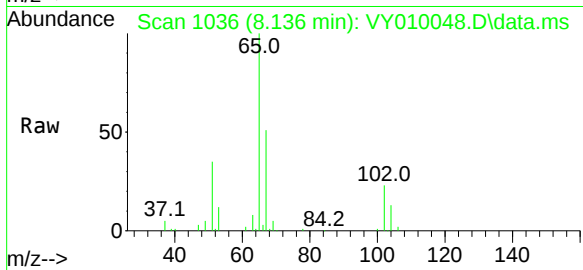
TT-203-IDWSO-20220811-1

Tgt Ion: 65 Resp: 43415

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010048.D

Acq: 16 Aug 2022 16:51

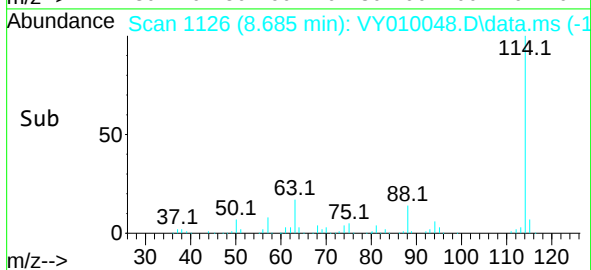
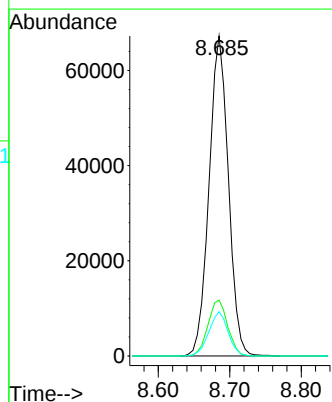
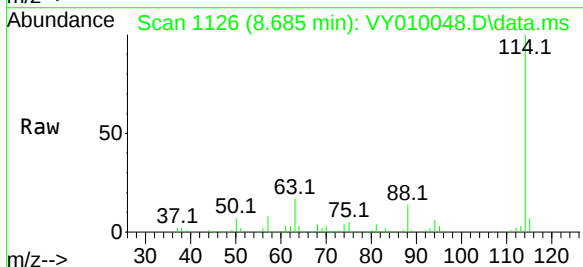
Tgt Ion:114 Resp: 126027

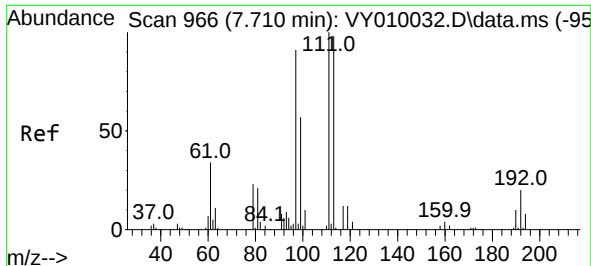
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 13.8 0.0 30.2

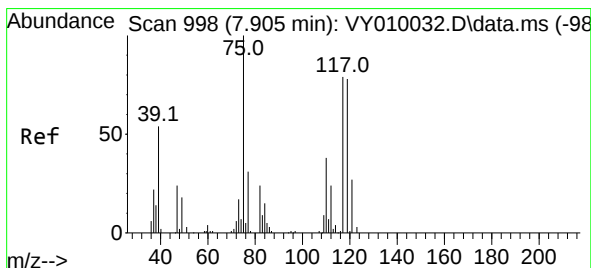
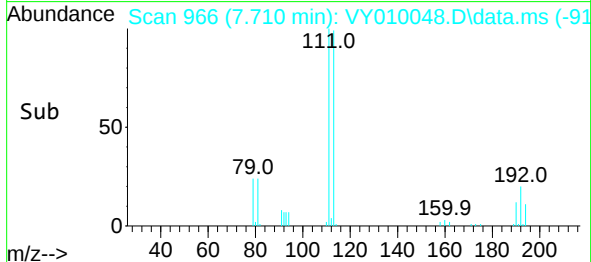
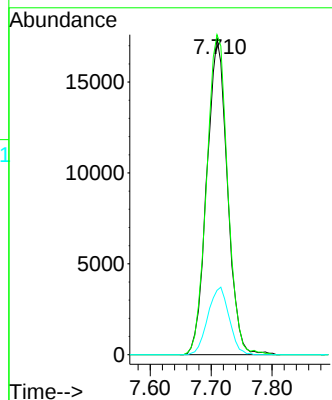
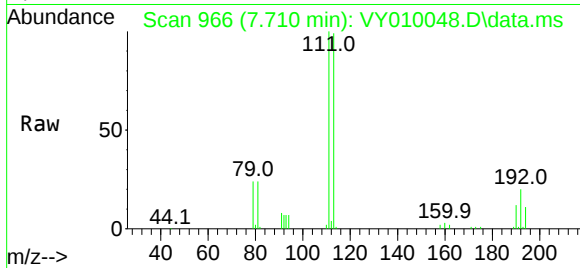




#35
Dibromofluoromethane
Concen: 50.087 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

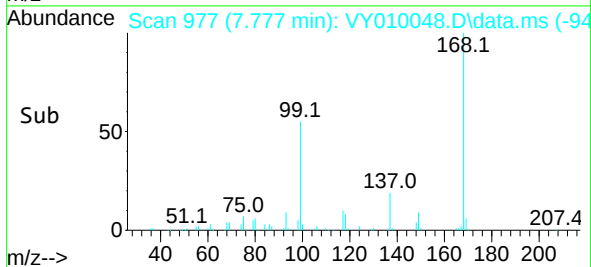
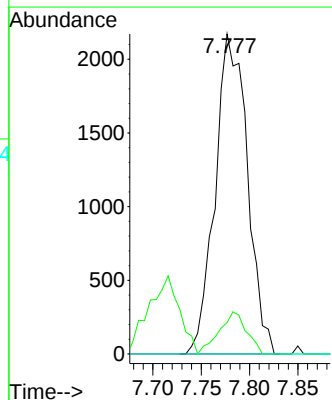
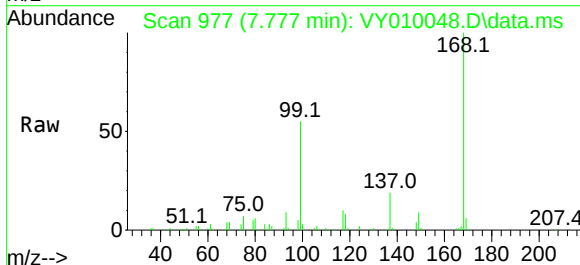
Instrument :
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ClientSampleId :
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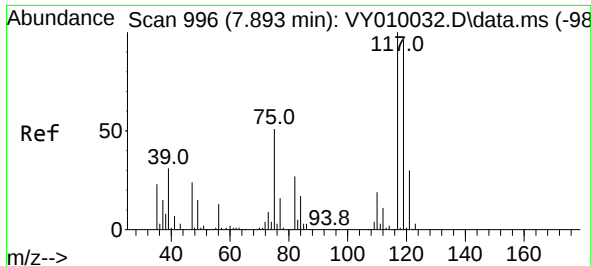
Tgt Ion:	113	Resp:	40935
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	21.9	17.2	25.8



#36
1,1-Dichloropropene
Concen: 4.414 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

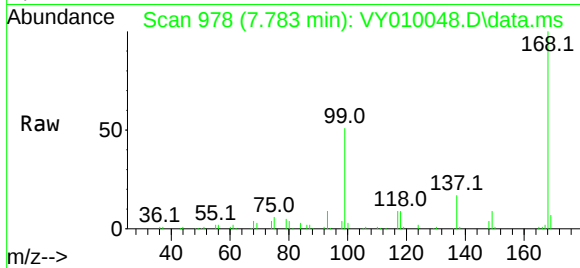
Tgt Ion:	75	Resp:	5025
Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.4	55.4#
77	0.0	24.6	36.8#



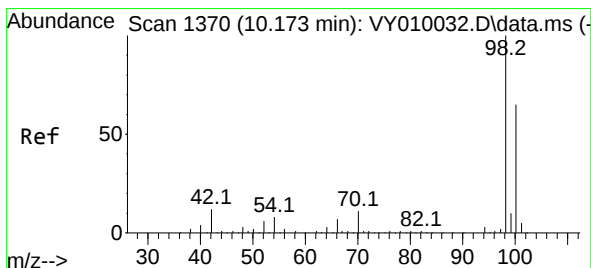
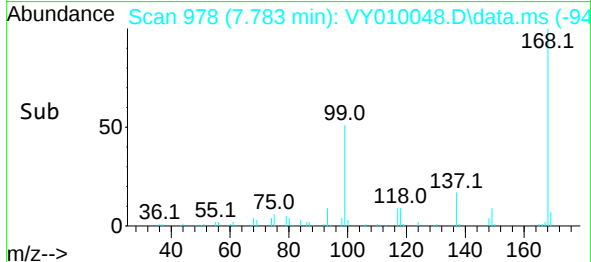
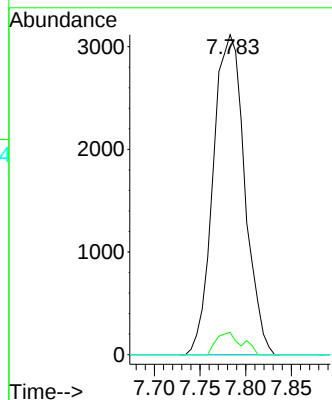


#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Instrument :
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ClientSampleId :
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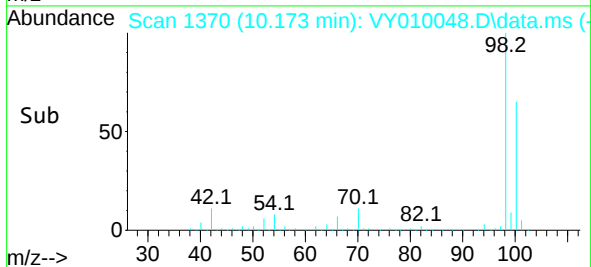
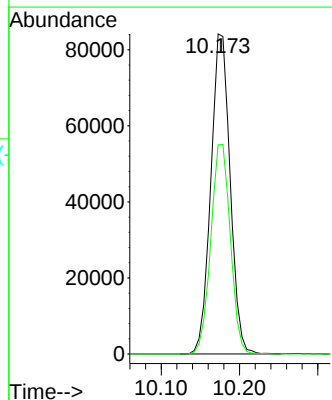
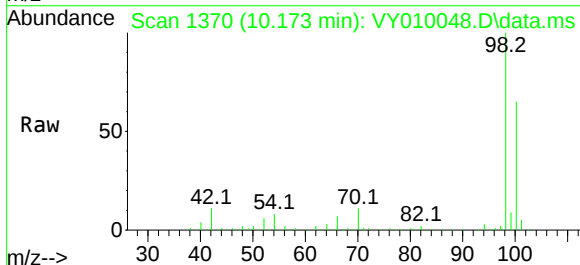


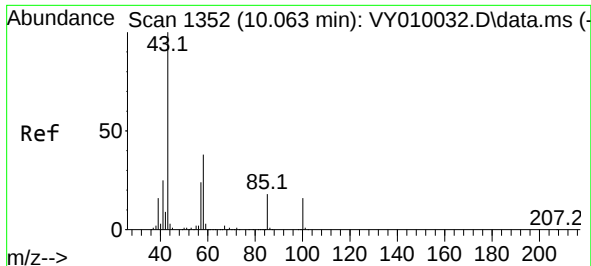
Tgt Ion:117 Resp: 7477
Ion Ratio Lower Upper
117 100
119 6.9 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.638 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 98 Resp: 144046
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

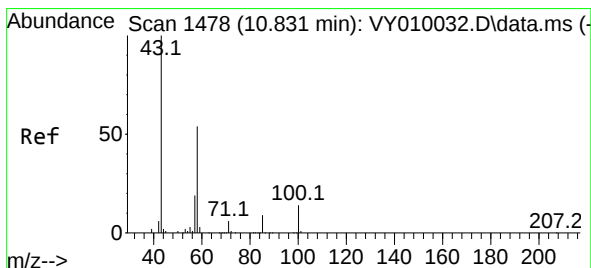
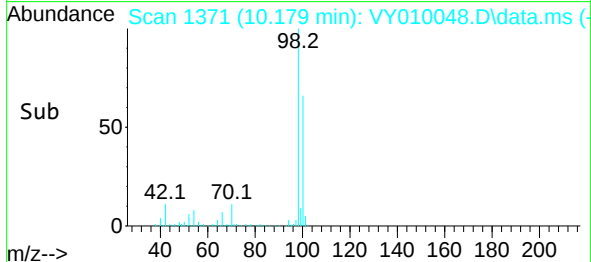
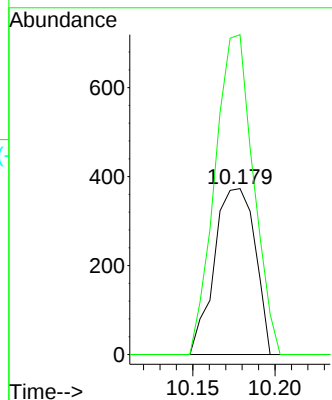
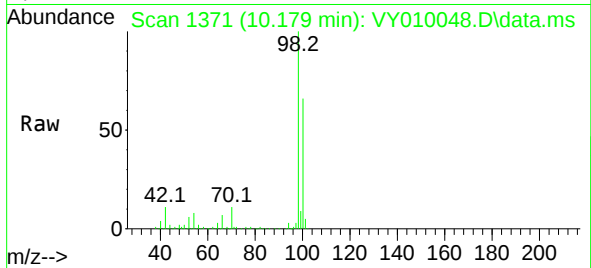




#51
4-Methyl-2-Pentanone
Concen: 1.071 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

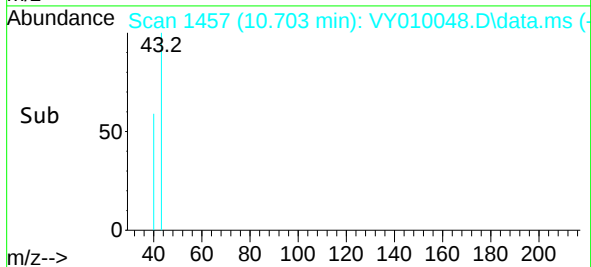
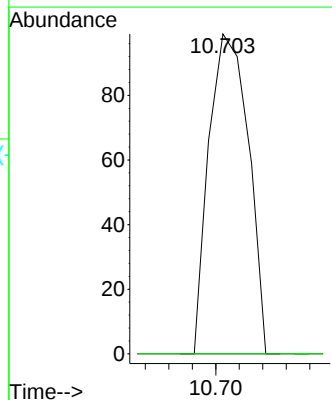
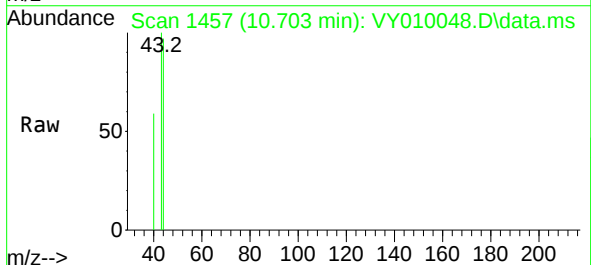
Instrument :
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TT-203-IDWSO-20220811-1

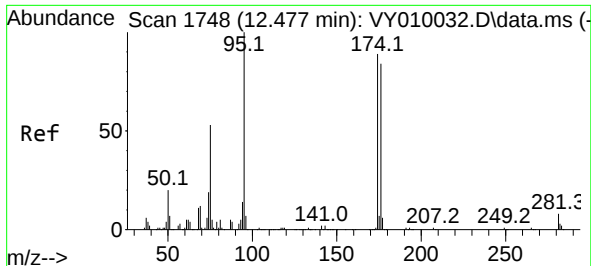
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 181.5 29.8 44.8#



#59
2-Hexanone
Concen: 24.381 ug/l
RT: 10.703 min Scan# 1457
Delta R.T. -0.128 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#

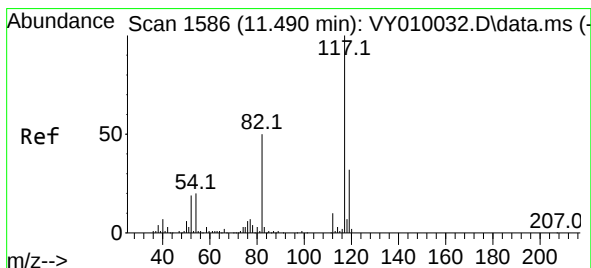
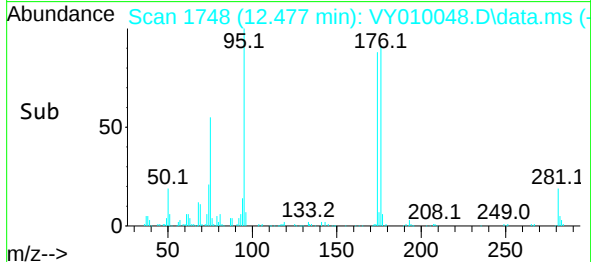
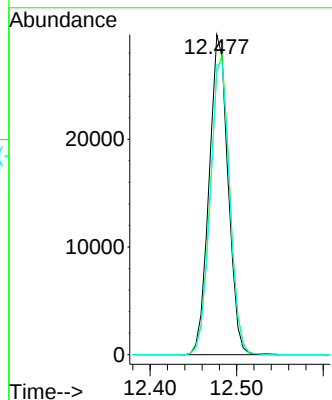
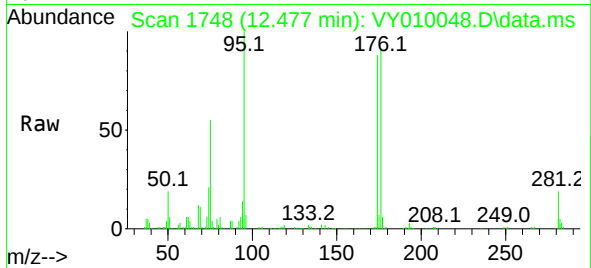




#62
4-Bromofluorobenzene
Concen: 42.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

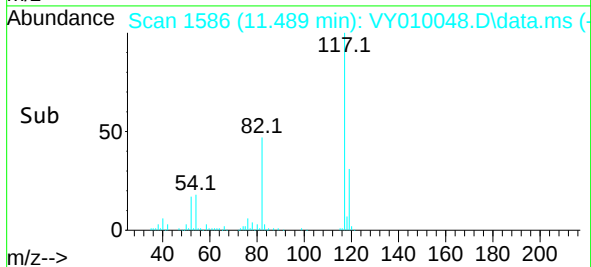
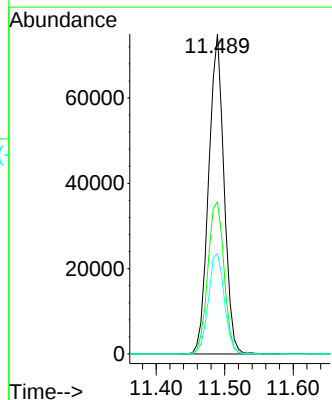
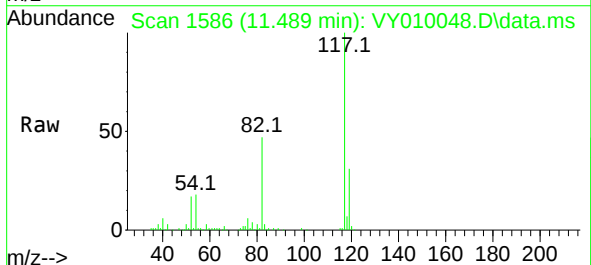
Instrument : MSVOA_Y
ClientSampleId : TT-203-IDWSO-20220811-1

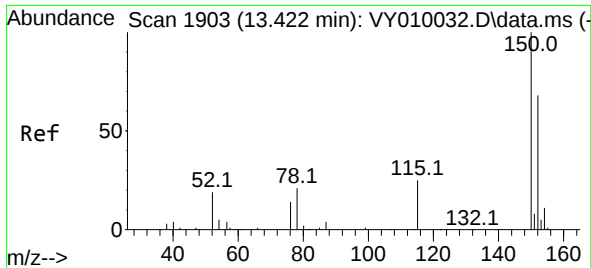
Tgt Ion:	95	Resp:	45122
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	184.2
176	94.3	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion:	117	Resp:	116590
Ion Ratio	Lower	Upper	
117	100		
82	47.5	39.8	59.6
119	31.4	25.6	38.4

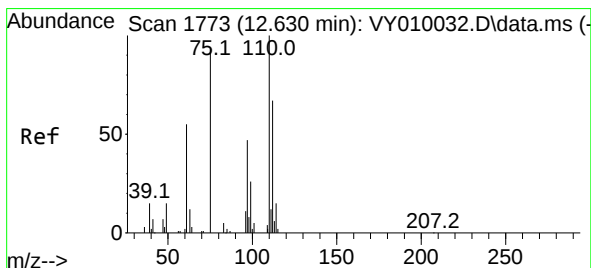
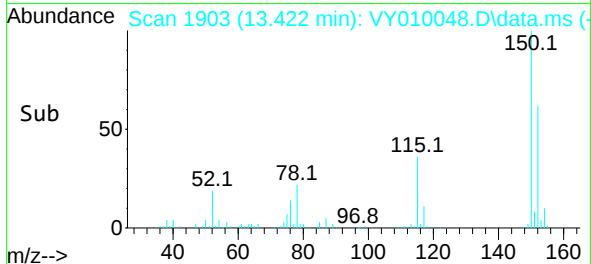
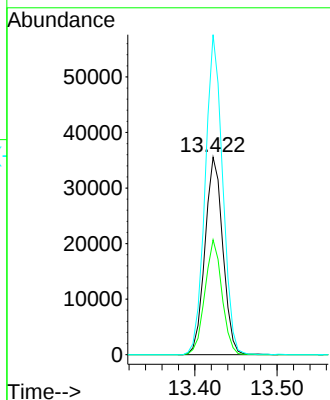
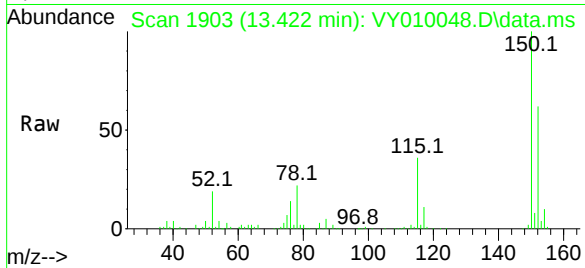




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010048.D
 Acq: 16 Aug 2022 16:51

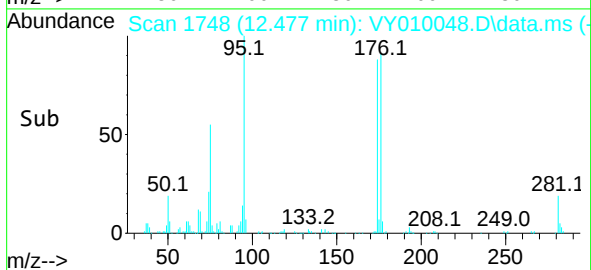
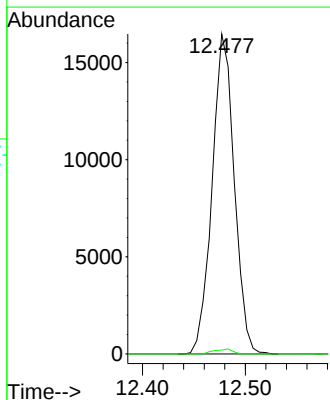
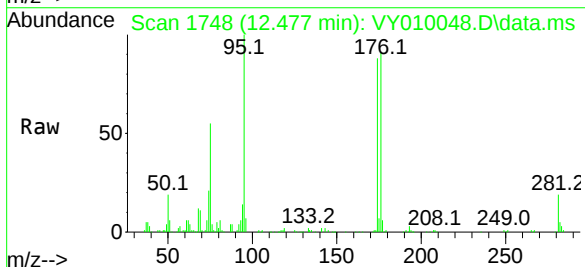
Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-1

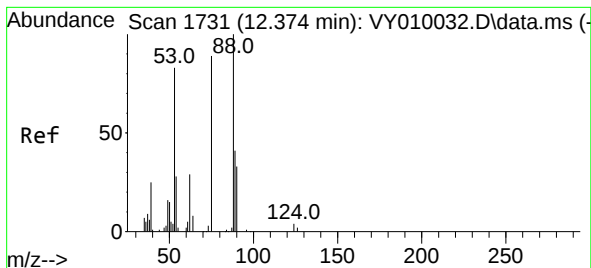
Tgt Ion:152 Resp: 53656
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.3
 150 158.5 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 48.403 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010048.D
 Acq: 16 Aug 2022 16:51

Tgt Ion: 75 Resp: 24618
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

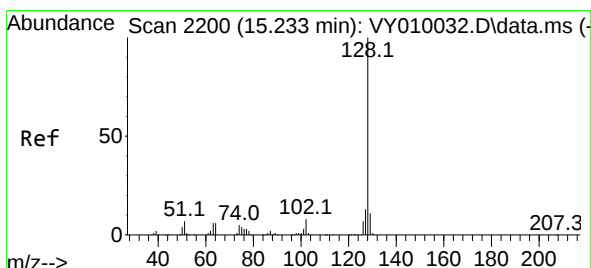
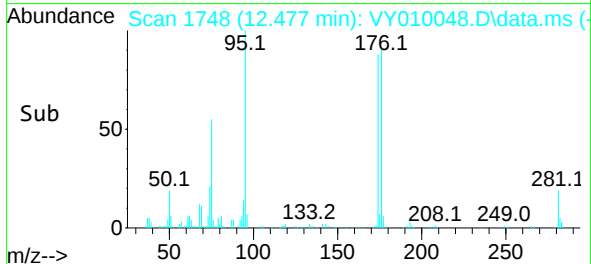
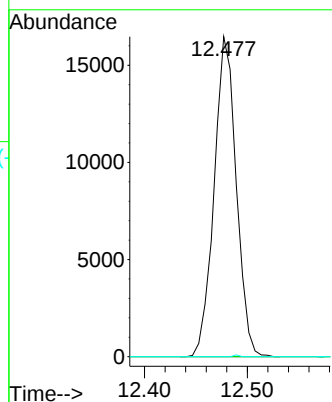
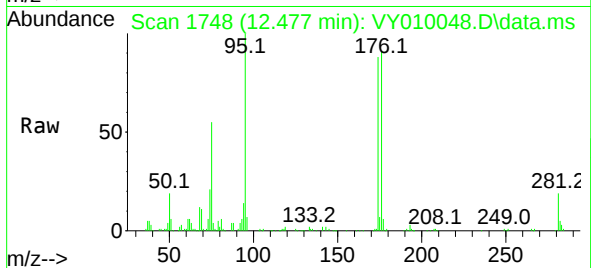




#81
trans-1,4-Dichloro-2-butene
Concen: 109.386 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-1

Tgt Ion: 75 Resp: 24618
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 37.8 56.6#



#95
Naphthalene
Concen: 6.616 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010048.D
Acq: 16 Aug 2022 16:51

Tgt Ion:128 Resp: 4911
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 10.8 8.6 13.0

