

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010045.D
 Acq On : 16 Aug 2022 15:41
 Operator : KP/MD
 Sample : N4197-03
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-2

Quant Time: Aug 16 16:55:29 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)

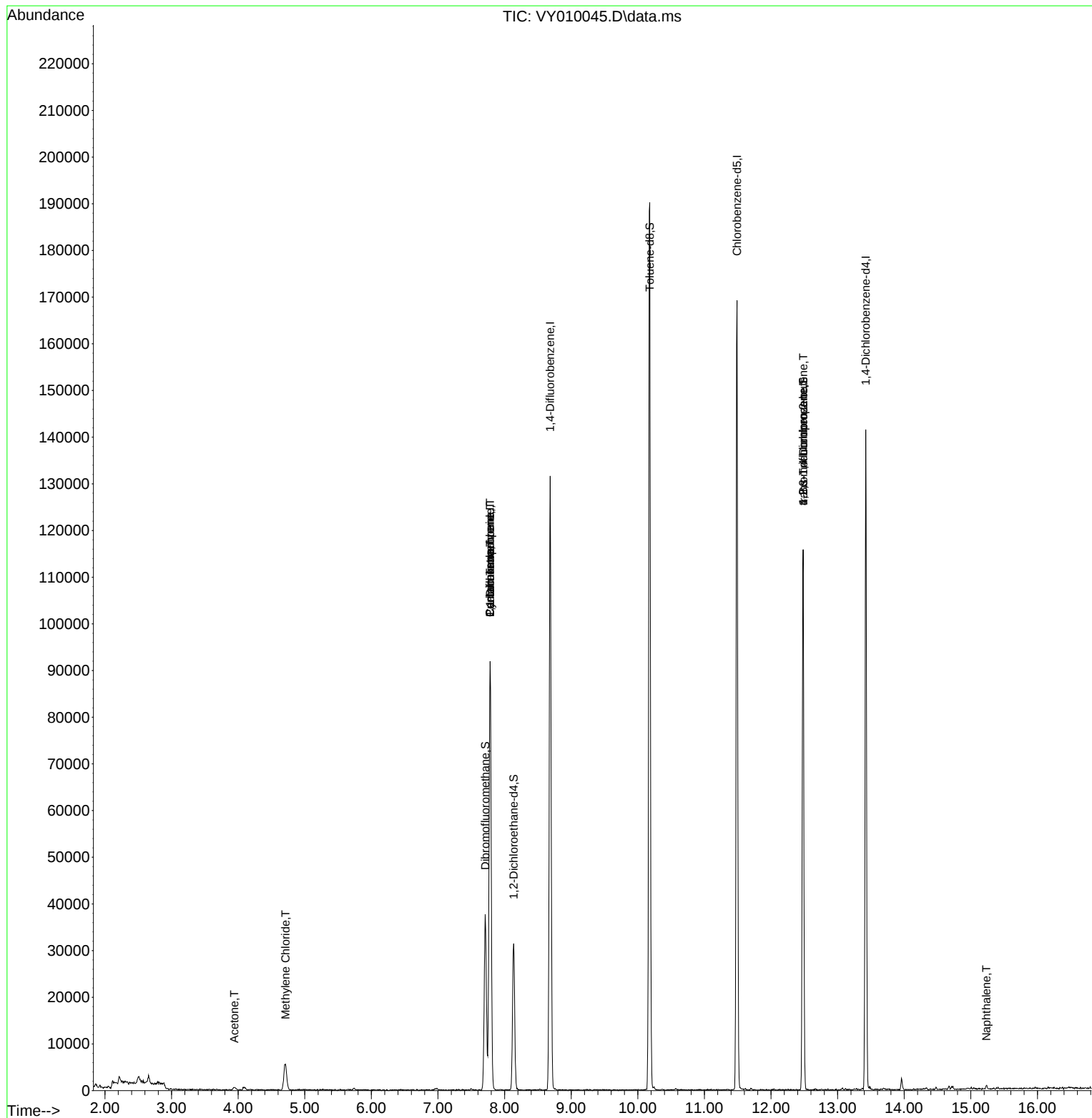
Internal Standards						
1) Pentafluorobenzene	7.783	168	75379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	92693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25517	33.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.720%
35) Dibromofluoromethane	7.710	113	25139	34.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.580%
50) Toluene-d8	10.179	98	126327	46.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.483	95	32721	34.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.680%
Target Compounds						
5) Bromomethane	2.656	94	654	Below Cal		88
16) Acetone	3.942	43	1080	6.690	ug/l	96
20) Methylene Chloride	4.710	84	4495	2.840	ug/l	96
31) Cyclohexane	7.783	56	1447	1.359	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	5308	5.197	ug/l #	51
38) Carbon Tetrachloride	7.783	117	6757	5.379	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	16595	47.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16595	106.625	ug/l #	12
95) Naphthalene	15.233	128	980	4.998	ug/l #	79

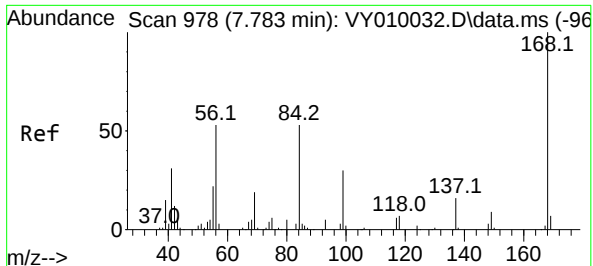
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TT-203-IDWSO-20220811-2

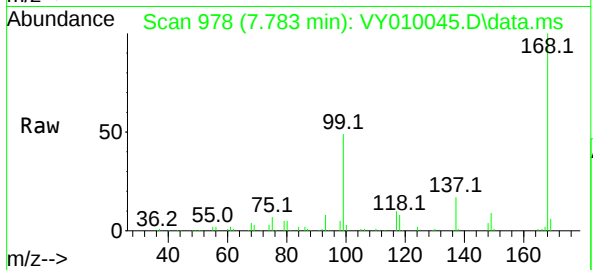
Quant Time: Aug 16 16:55:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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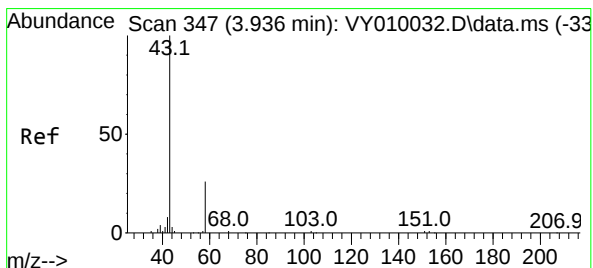
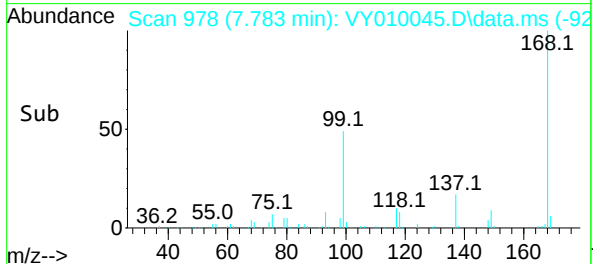
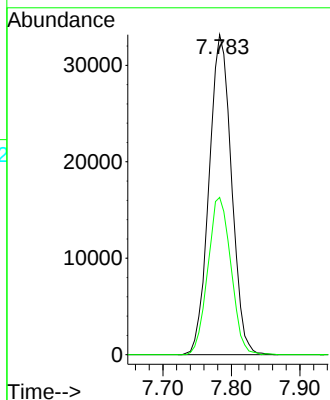


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

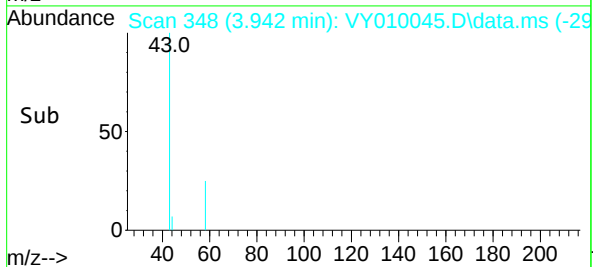
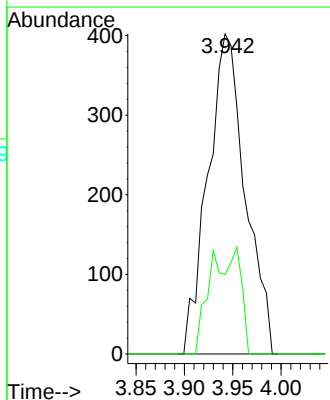
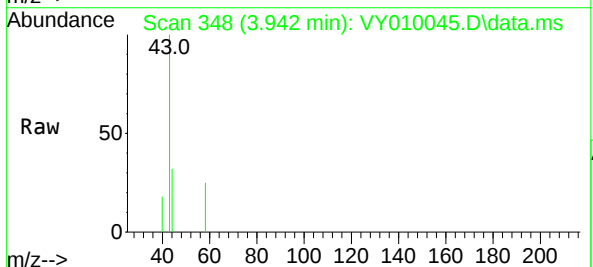


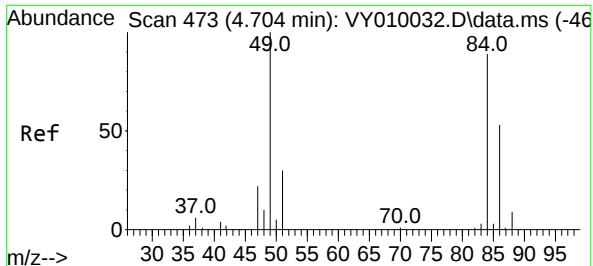
Tgt Ion:168 Resp: 75379
Ion Ratio Lower Upper
168 100
99 49.2 37.7 56.5



#16
Acetone
Concen: 6.690 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

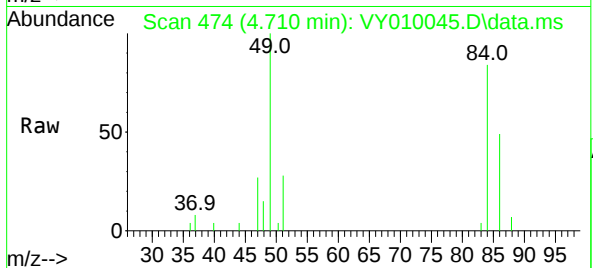
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 24.9 21.4 32.0



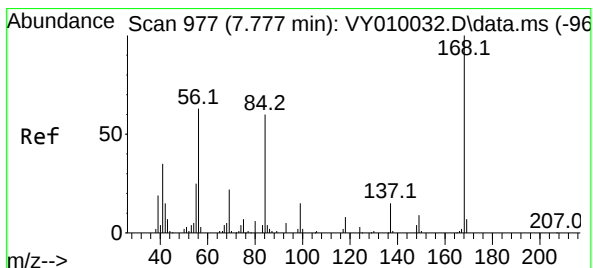
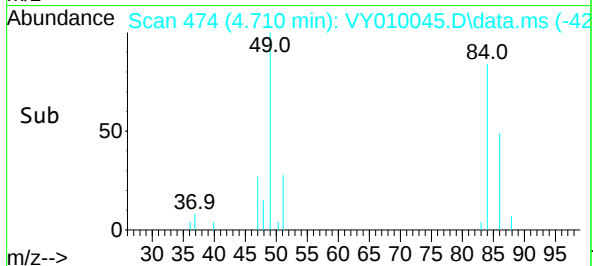
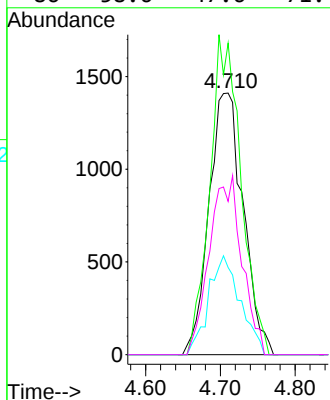


#20
Methylene Chloride
Concen: 2.840 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

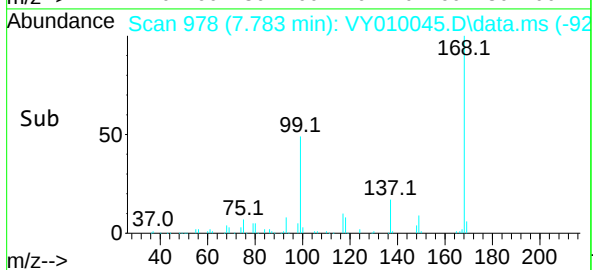
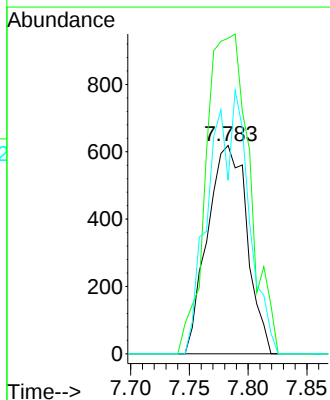
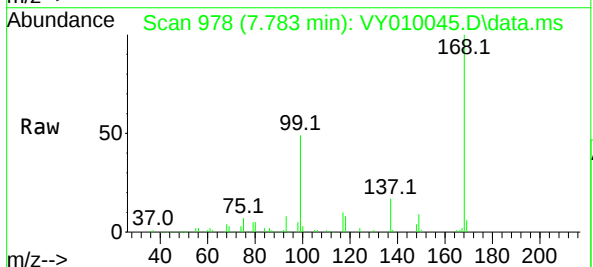


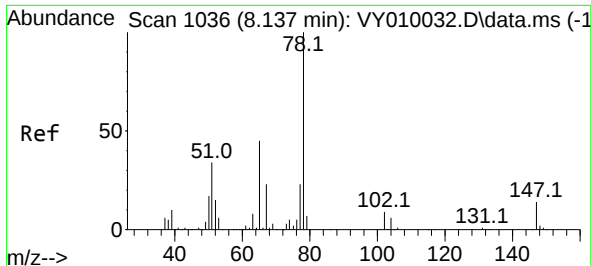
Tgt Ion:	84	Resp:	4495
Ion	Ratio	Lower	Upper
84	100		
49	119.1	89.5	134.3
51	33.3	26.8	40.2
86	58.6	47.6	71.4



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Tgt Ion:	56	Resp:	1447
Ion	Ratio	Lower	Upper
56	100		
69	151.4	28.6	43.0#
84	83.2	76.0	114.0





#33

1,2-Dichloroethane-d4

Concen: 33.856 ug/l

RT: 8.136 min Scan# 11036

Delta R.T. -0.001 min

Lab File: VY010045.D

Acq: 16 Aug 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

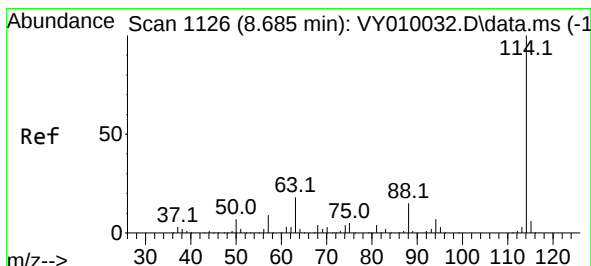
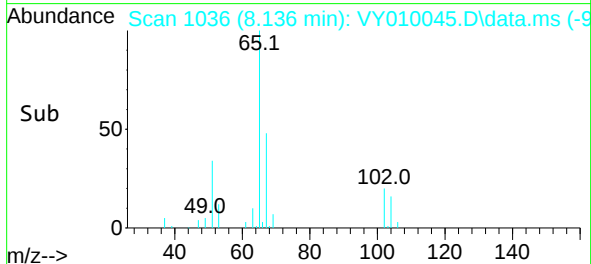
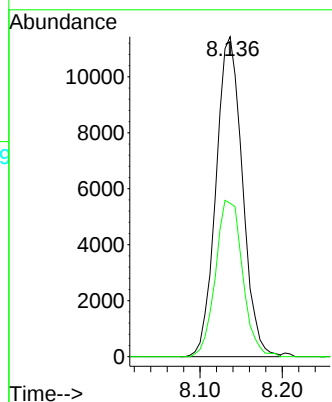
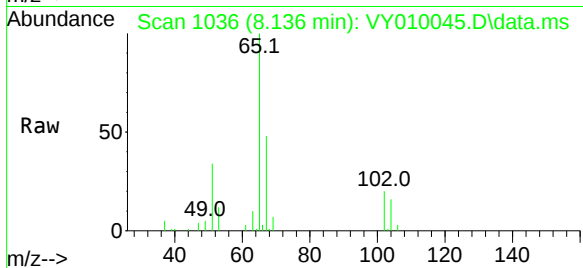
TT-203-IDWSO-20220811-2

Tgt Ion: 65 Resp: 25517

Ion Ratio Lower Upper

65 100

67 50.0 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: VY010045.D

Acq: 16 Aug 2022 15:41

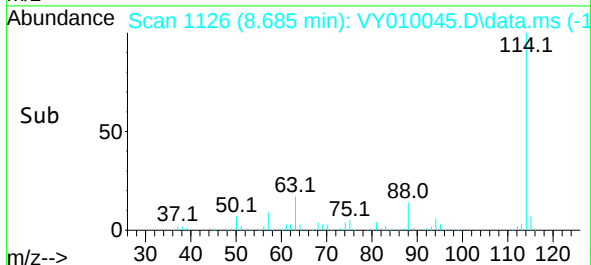
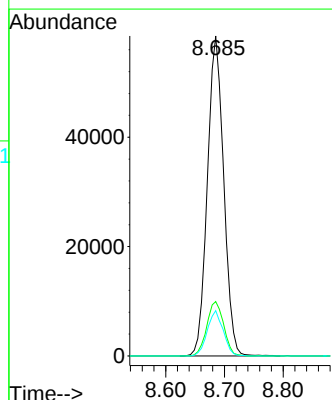
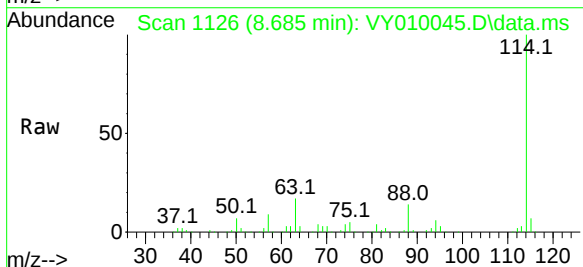
Tgt Ion: 114 Resp: 113057

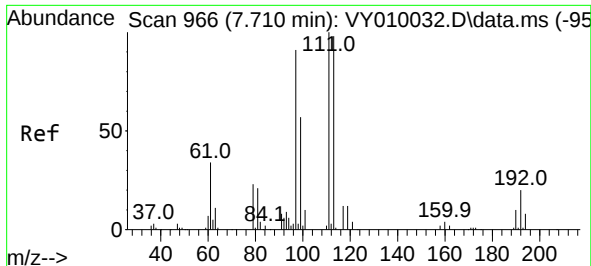
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 14.2 0.0 30.2

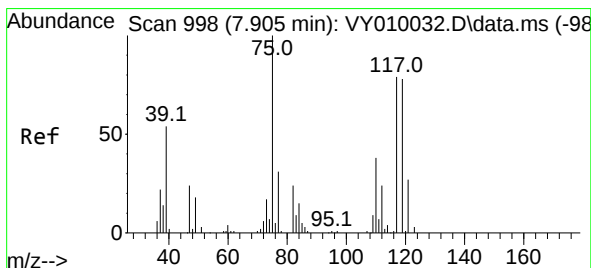
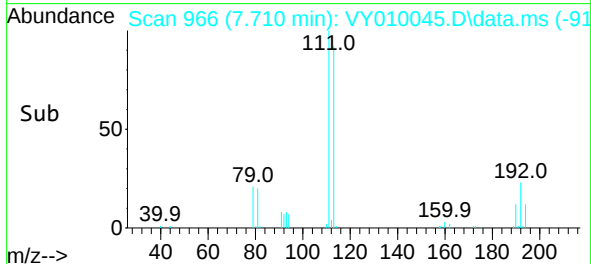
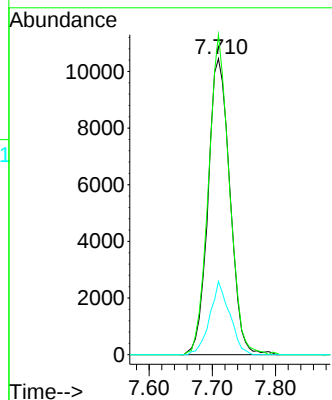
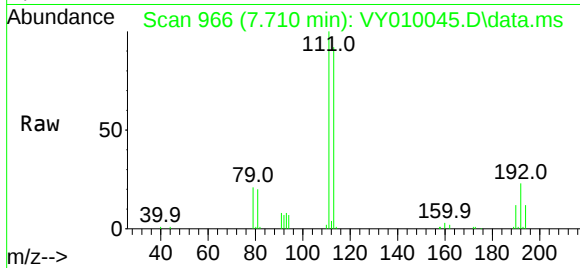




#35
Dibromofluoromethane
Concen: 34.288 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

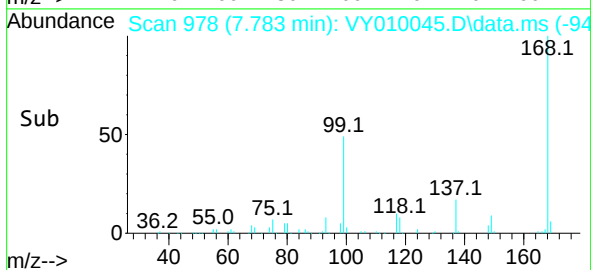
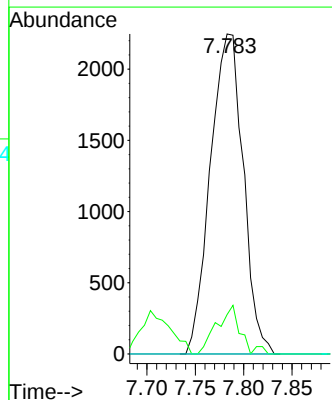
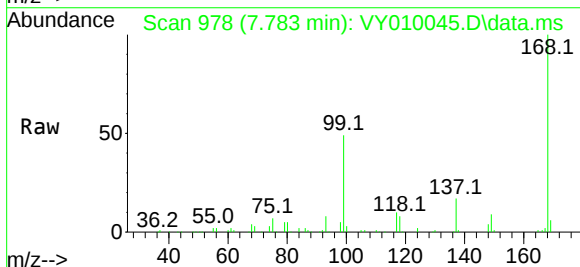
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

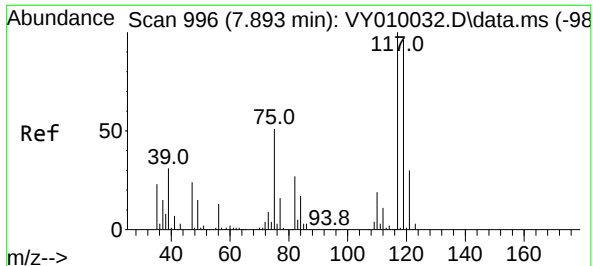
Tgt Ion:	113	Resp:	25139
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	22.5	17.2	25.8



#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

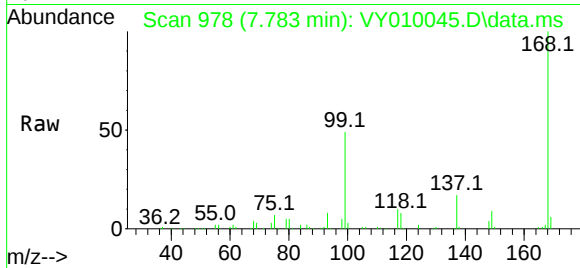
Tgt Ion:	75	Resp:	5308
Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.4	55.4#
77	0.0	24.6	36.8#



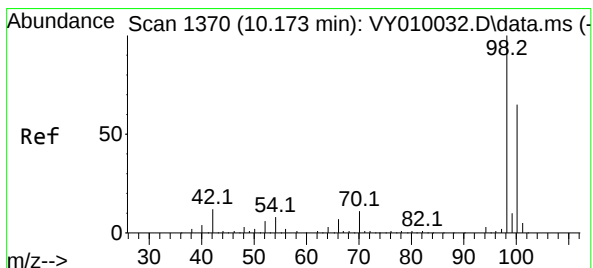
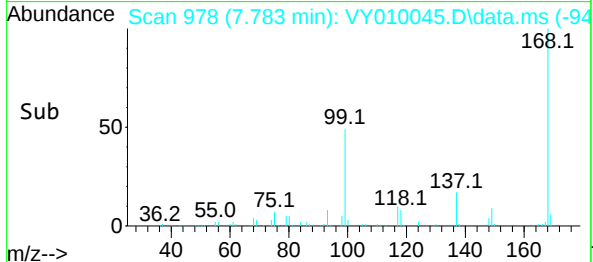
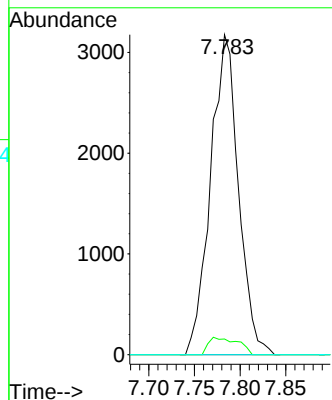


#38
Carbon Tetrachloride
Concen: 5.379 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

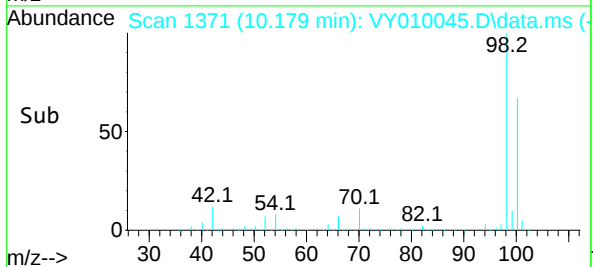
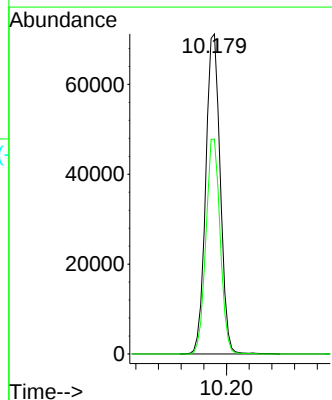
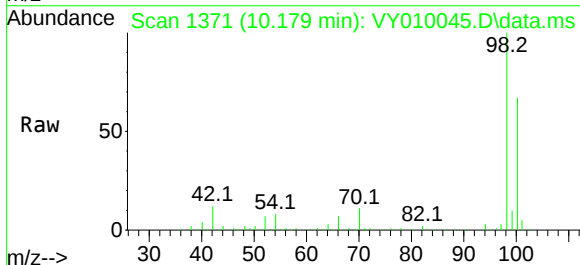


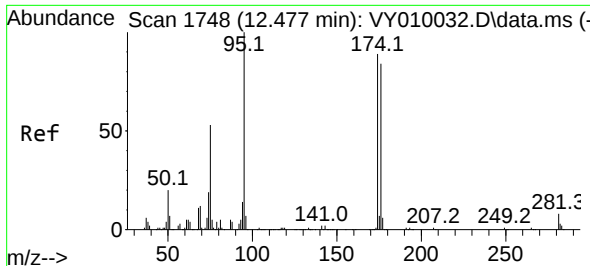
Tgt Ion:117 Resp: 6757
Ion Ratio Lower Upper
117 100
119 4.9 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 46.571 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Tgt Ion: 98 Resp: 126327
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

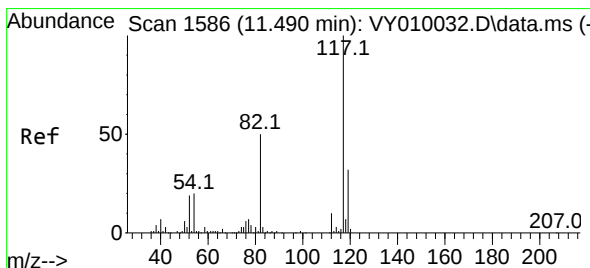
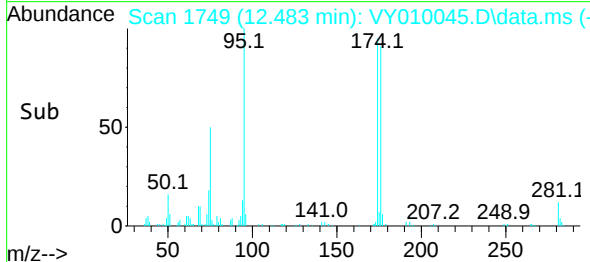
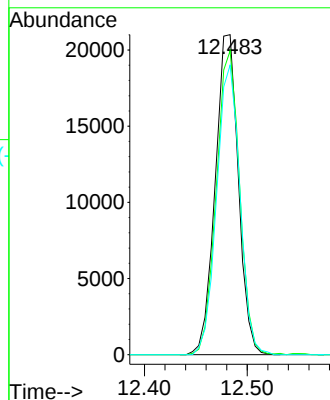
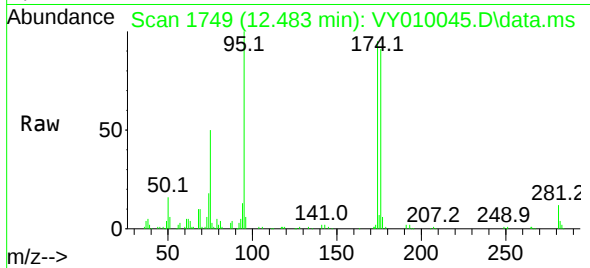




#62
4-Bromofluorobenzene
Concen: 34.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

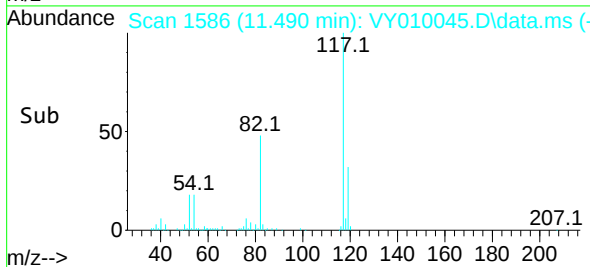
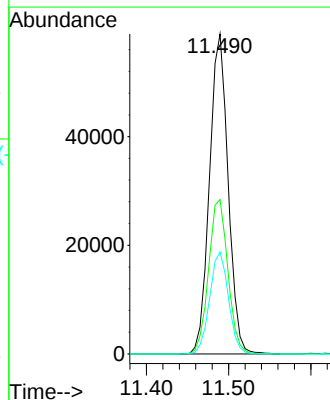
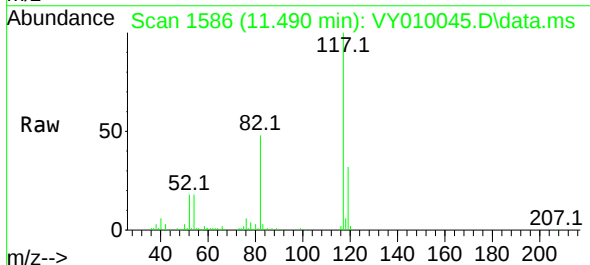
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

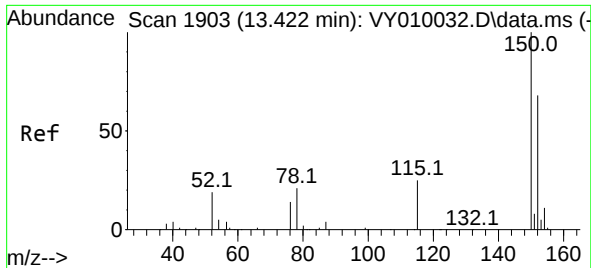
Tgt Ion:	95	Resp:	32721
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	184.2
176	91.1	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Tgt Ion:	117	Resp:	92693
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.8	59.6
119	31.9	25.6	38.4

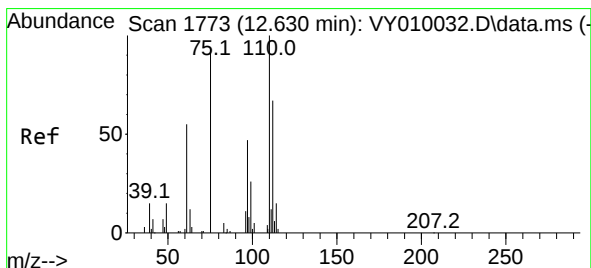
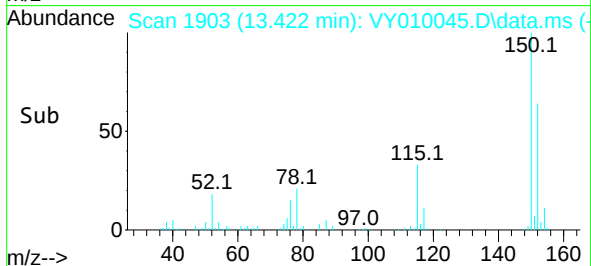
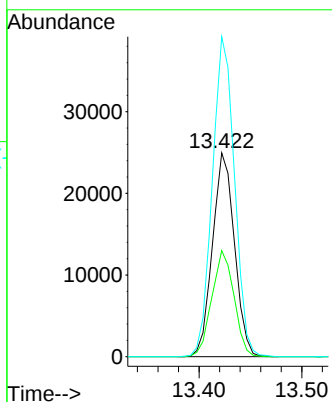
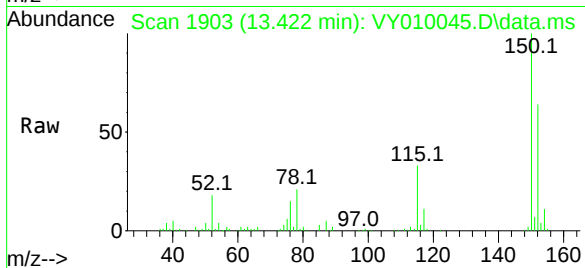




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010045.D
 Acq: 16 Aug 2022 15:41

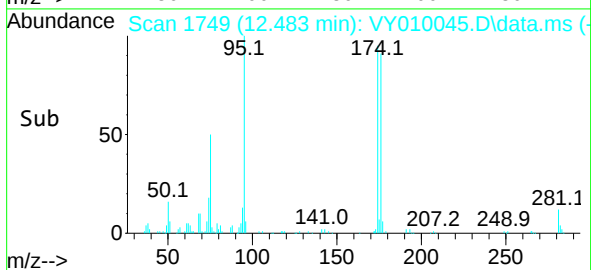
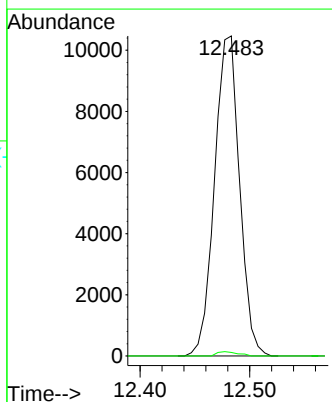
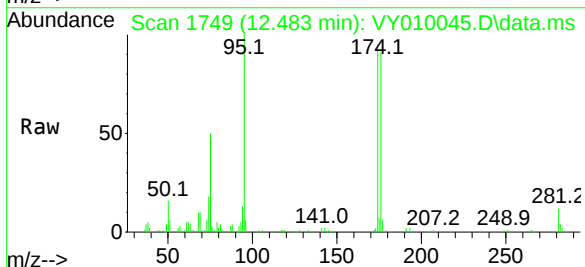
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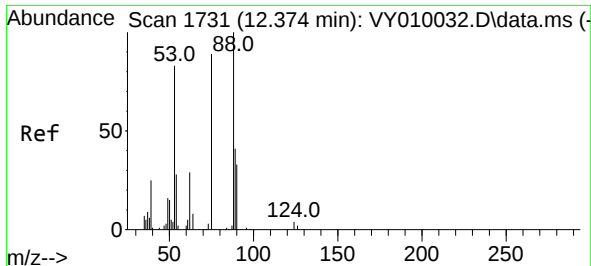
Tgt Ion:152 Resp: 37106
 Ion Ratio Lower Upper
 152 100
 115 52.4 28.1 84.3
 150 158.1 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 47.181 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY010045.D
 Acq: 16 Aug 2022 15:41

Tgt Ion: 75 Resp: 16595
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

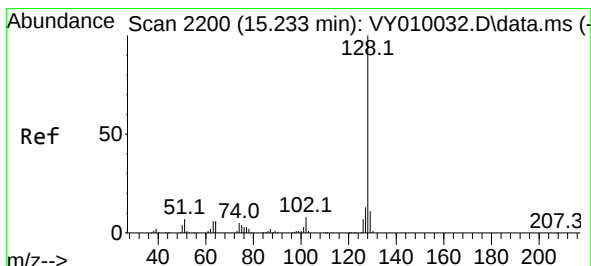
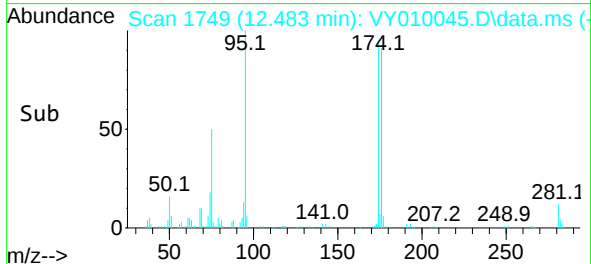
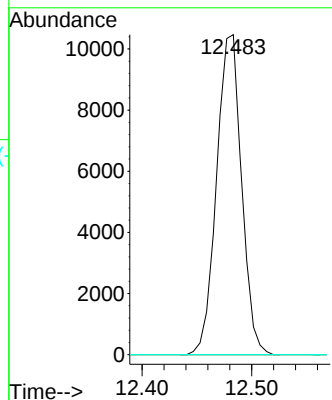
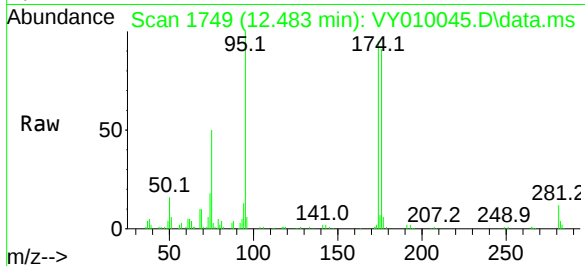




#81
trans-1,4-Dichloro-2-butene
Concen: 106.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion: 75 Resp: 16595
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#



#95
Naphthalene
Concen: 4.998 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010045.D
Acq: 16 Aug 2022 15:41

Tgt Ion: 128 Resp: 980
Ion Ratio Lower Upper
128 100
127 4.6 10.4 15.6#
129 2.8 8.6 13.0#

