Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009277.D
Acq On : 22 Jun 2022 17:19
Operator : KP/MD
Sample : N3430-02
Misc : 4.36/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Quant Time: Jun 23 01:57:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	215148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108197	45.790	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.580%			
35) Dibromofluoromethane	7.716	113	104895	48.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.040%			
50) Toluene-d8	10.179	98	380771	45.374	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.740%			
62) 4-Bromofluorobenzene	12.477	95	134797	45.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.420%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.697	106	10085	2.107	ug/l	91
80) 1,3,5-Trimethylbenzene	12.806	105	12751	1.261	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	42434	4.282	ug/l	94
95) Naphthalene	15.233	128	17371	2.755	ug/l	95

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

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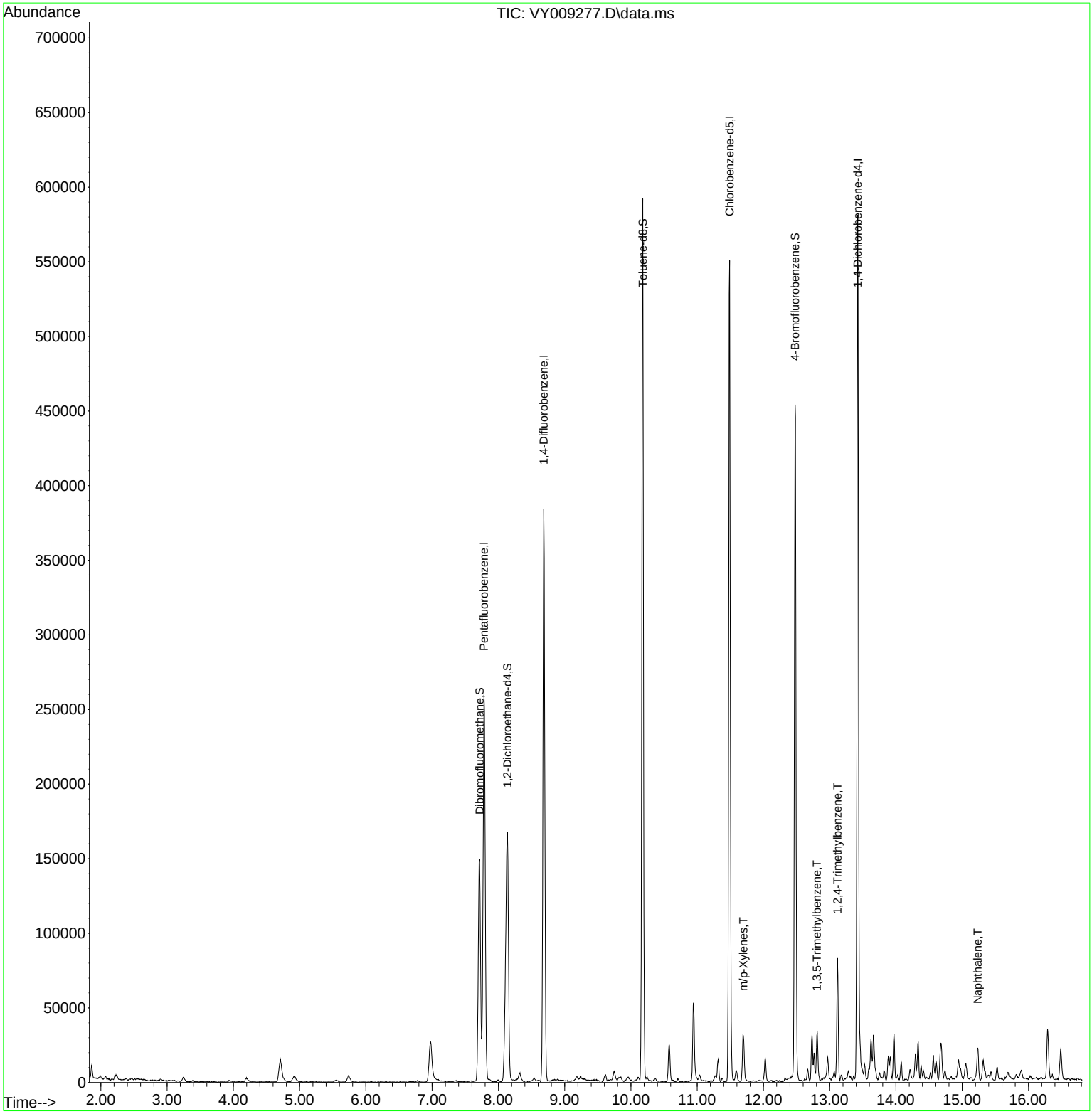
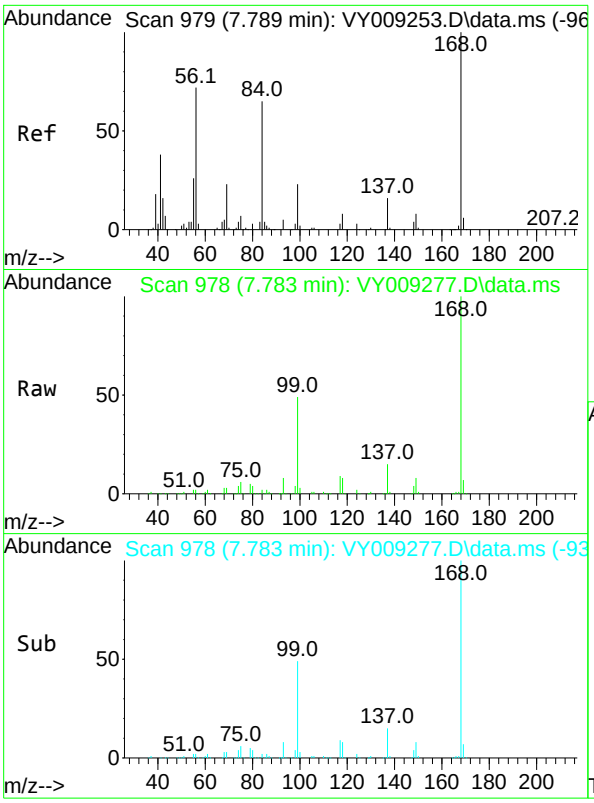


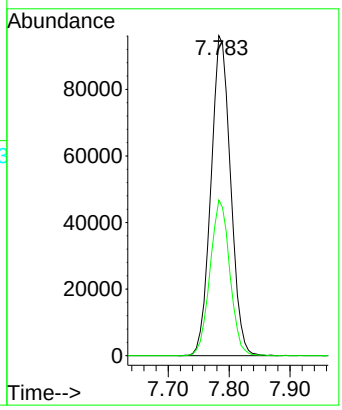


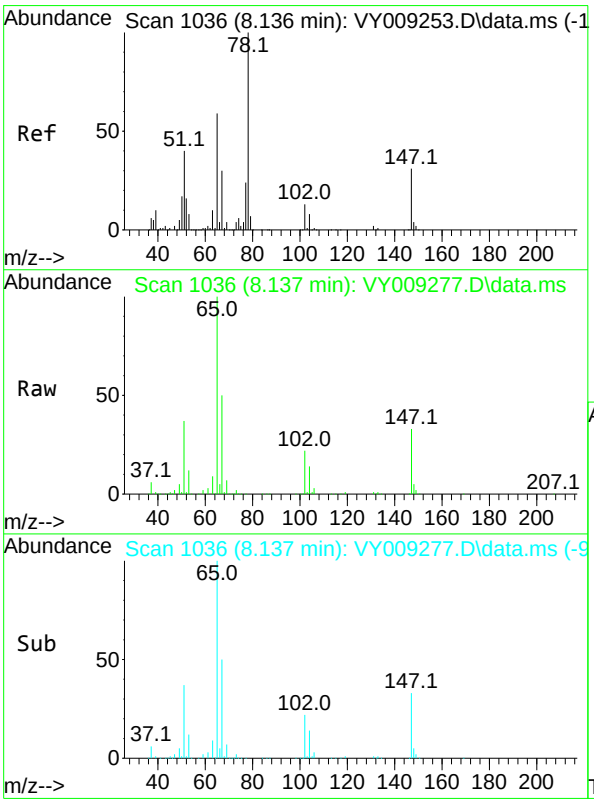
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:168 Resp: 215148

Ion	Ratio	Lower	Upper
168	100		
99	48.7	46.9	70.3

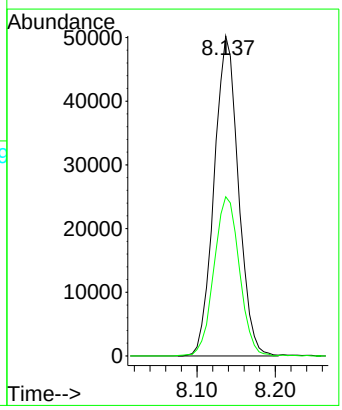


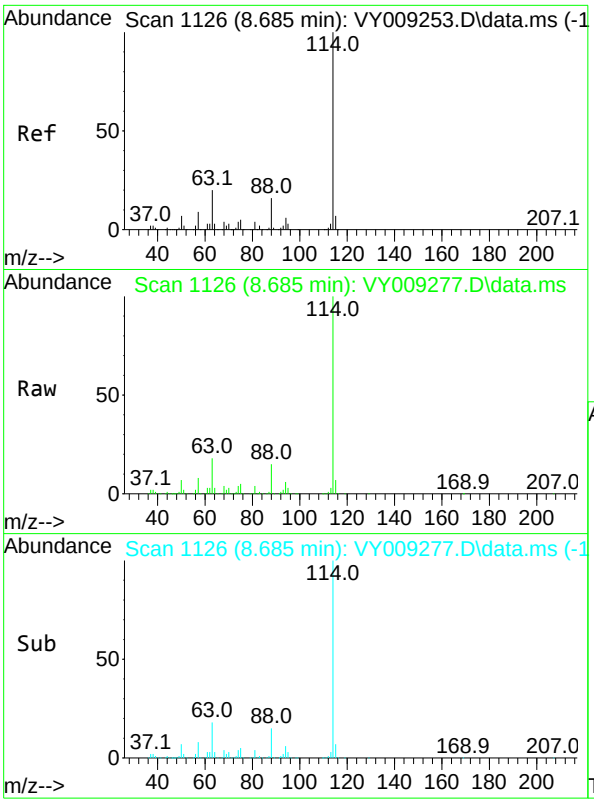


#33
1,2-Dichloroethane-d4
Concen: 45.790 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion: 65 Resp: 108197

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	99.4



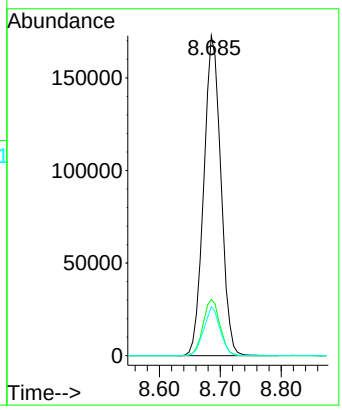


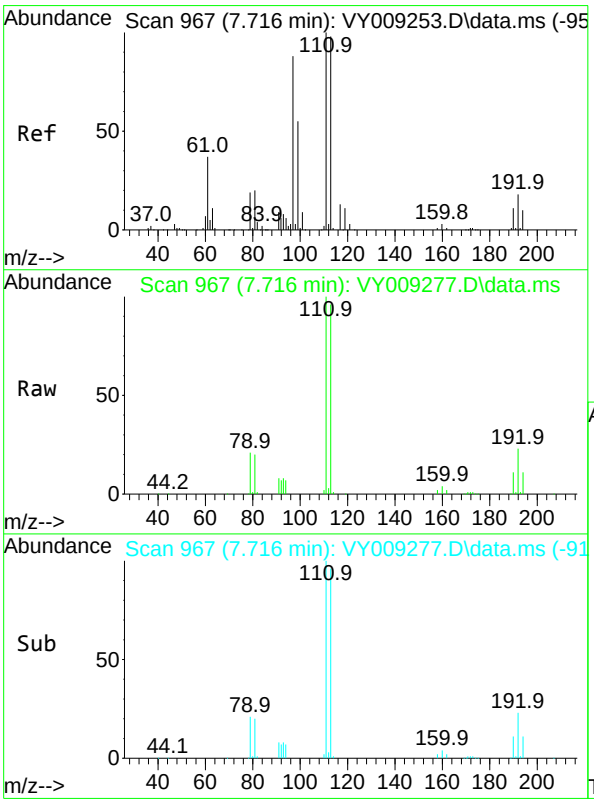
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:114 Resp: 337319

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	15.3	0.0	31.8

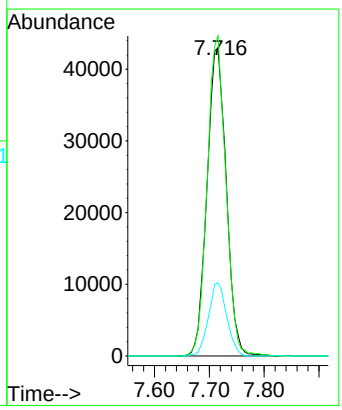


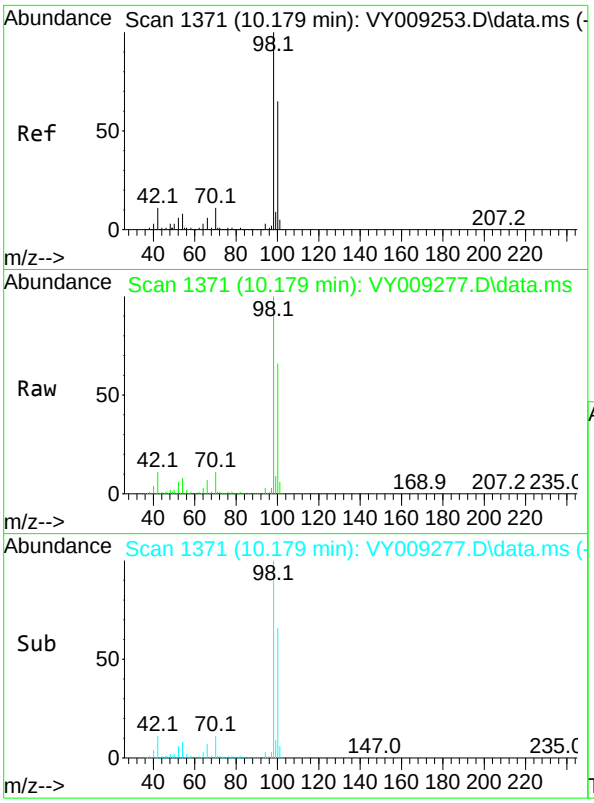


#35
Dibromofluoromethane
Concen: 48.017 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion:113 Resp: 104895

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	124.0
192	22.5	17.6	26.4



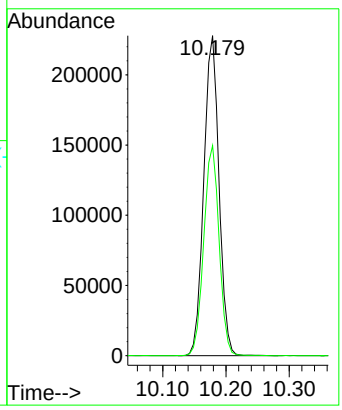


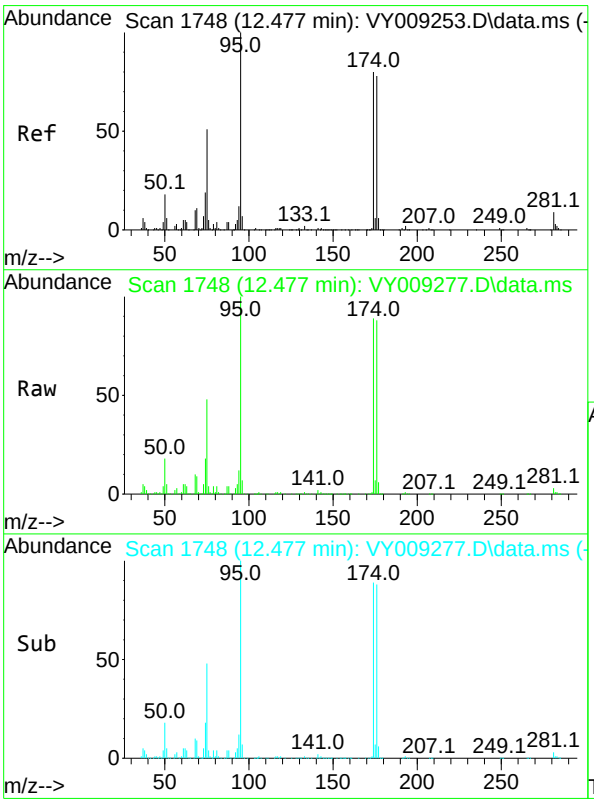
#50
Toluene-d8
Concen: 45.374 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion: 98 Resp: 380771

Ion	Ratio	Lower	Upper
98	100		
100	66.3	50.2	75.2

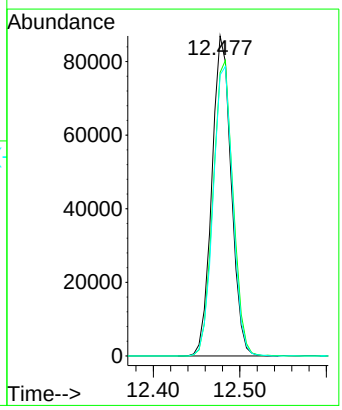


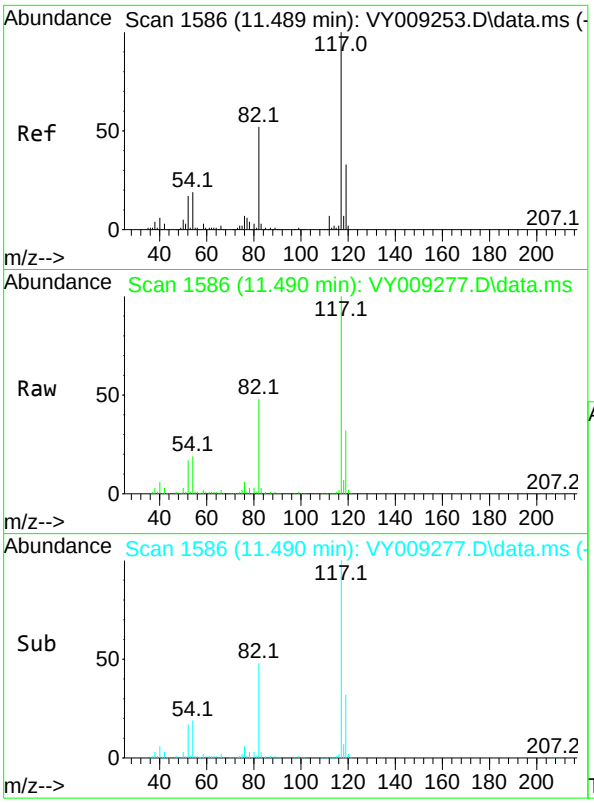


#62
4-Bromofluorobenzene
Concen: 45.712 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion: 95 Resp: 134797

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	177.0
176	91.8	0.0	175.8



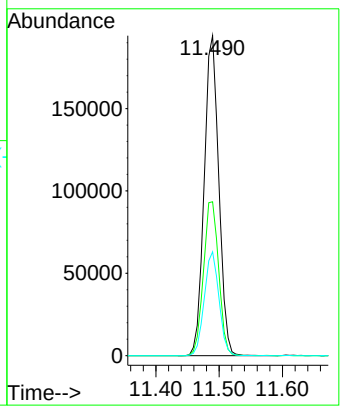


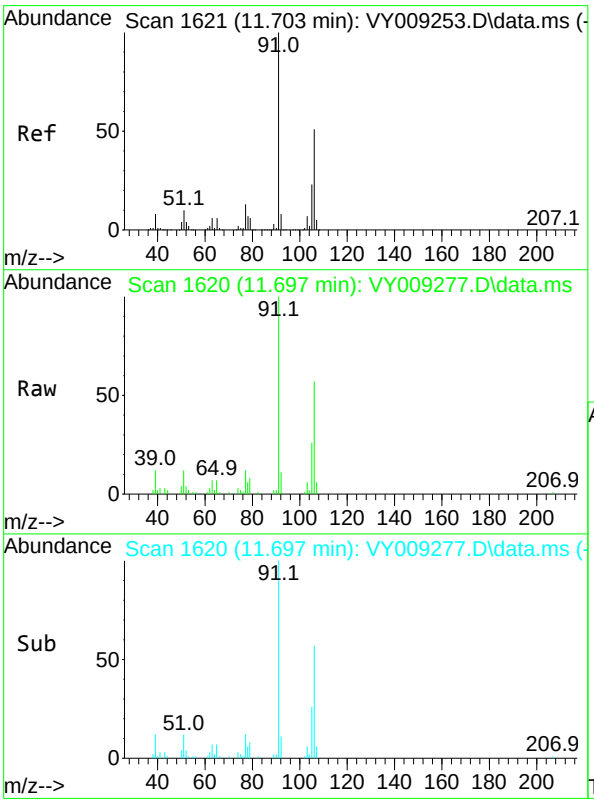
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:117 Resp: 312502

Ion	Ratio	Lower	Upper
117	100		
82	48.1	43.0	64.4
119	32.5	25.4	38.0

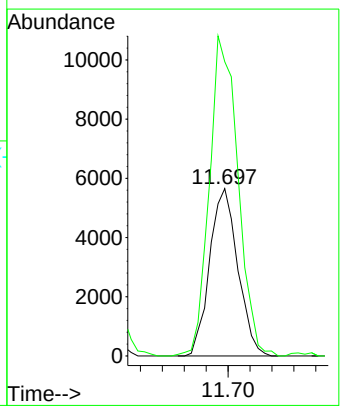


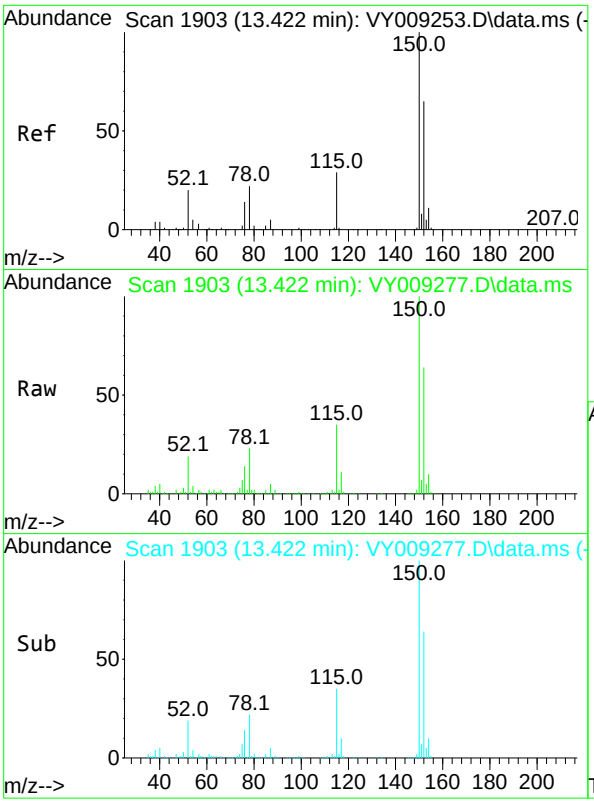


#68
m/p-Xylenes
Concen: 2.107 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion:106 Resp: 10085

Ion	Ratio	Lower	Upper
106	100		
91	193.9	166.6	249.8



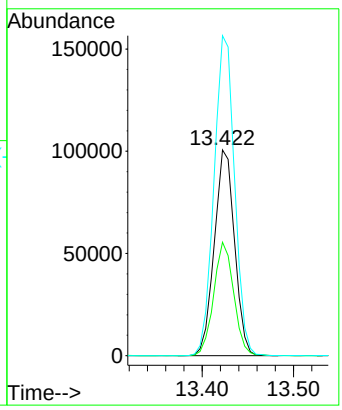


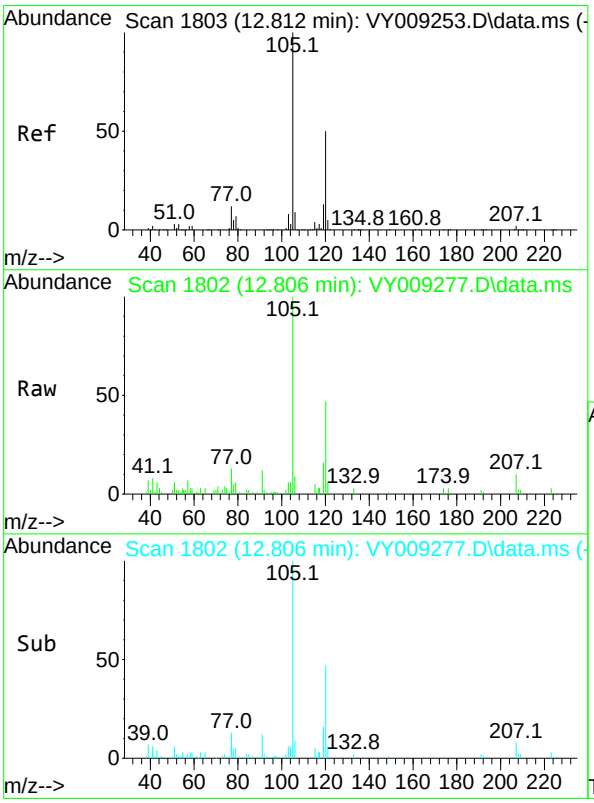
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:152 Resp: 155261

Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	157.5	0.0	347.6

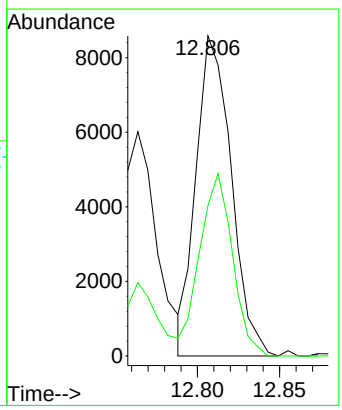


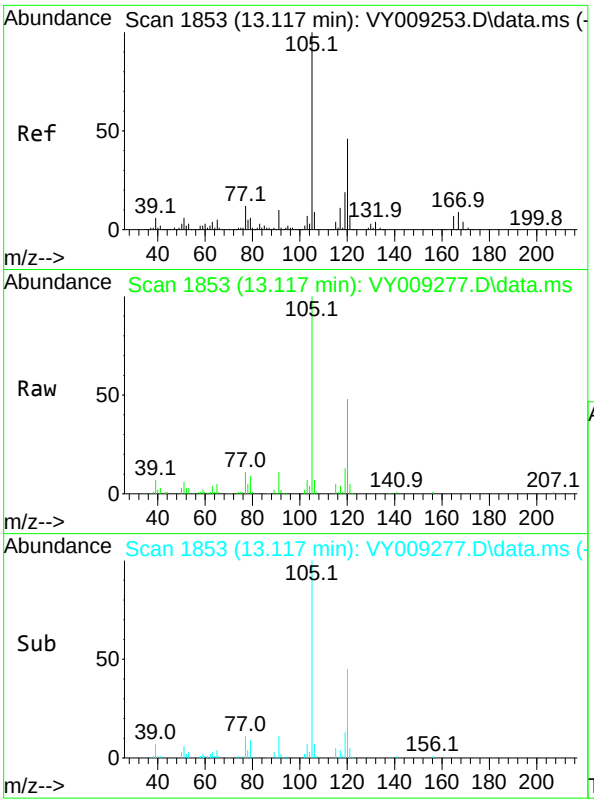


#80
1,3,5-Trimethylbenzene
Concen: 1.261 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion:105 Resp: 12751

Ion	Ratio	Lower	Upper
105	100		
120	53.1	24.4	73.4



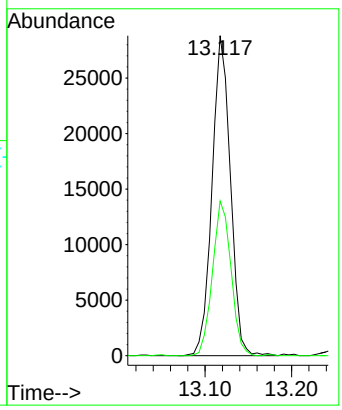


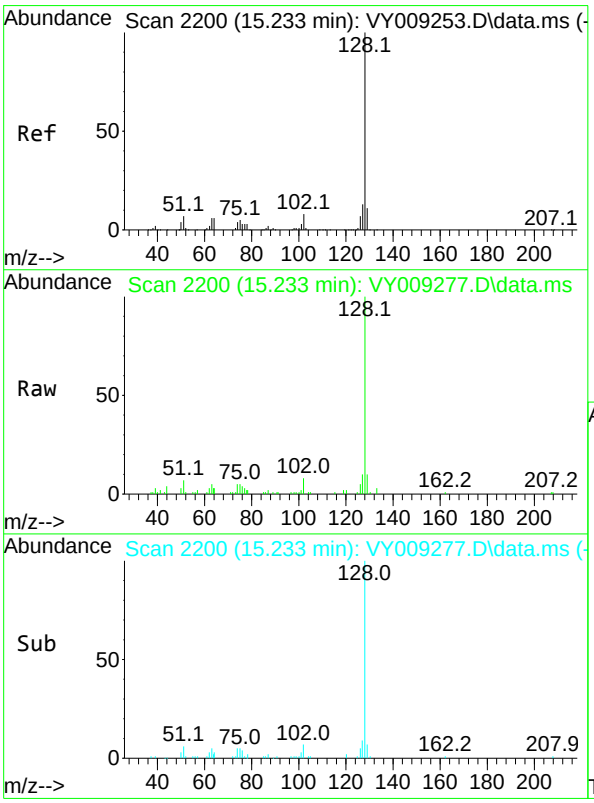
#84
1,2,4-Trimethylbenzene
Concen: 4.282 ug/l
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-14-16-20220621

Tgt Ion:105 Resp: 42434

Ion	Ratio	Lower	Upper
105	100		
120	48.7	22.3	66.9





#95
Naphthalene
Concen: 2.755 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009277.D
Acq: 22 Jun 2022 17:19

Tgt Ion:128 Resp: 17371

Ion	Ratio	Lower	Upper
128	100		
127	11.9	11.0	16.4
129	12.5	8.4	12.6