Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
Data File : VY010733.D
Acq On : 29 Sep 2022 15:59
Operator : KP/MD
Sample : N4862-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Quant Time: Sep 30 08:21:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	4048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	7033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5616	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2800	72.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.640%			
35) Dibromofluoromethane	7.709	113	1232	27.448	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 54.900%			
50) Toluene-d8	10.178	98	7240	44.042	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.080%			
62) 4-Bromofluorobenzene	12.477	95	4358	71.975	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 143.960%			
Target Compounds						Qvalue
73) Isopropylbenzene	12.331	105	7949	22.902	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	4595	15.669	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	7807	26.796	ug/l	97

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

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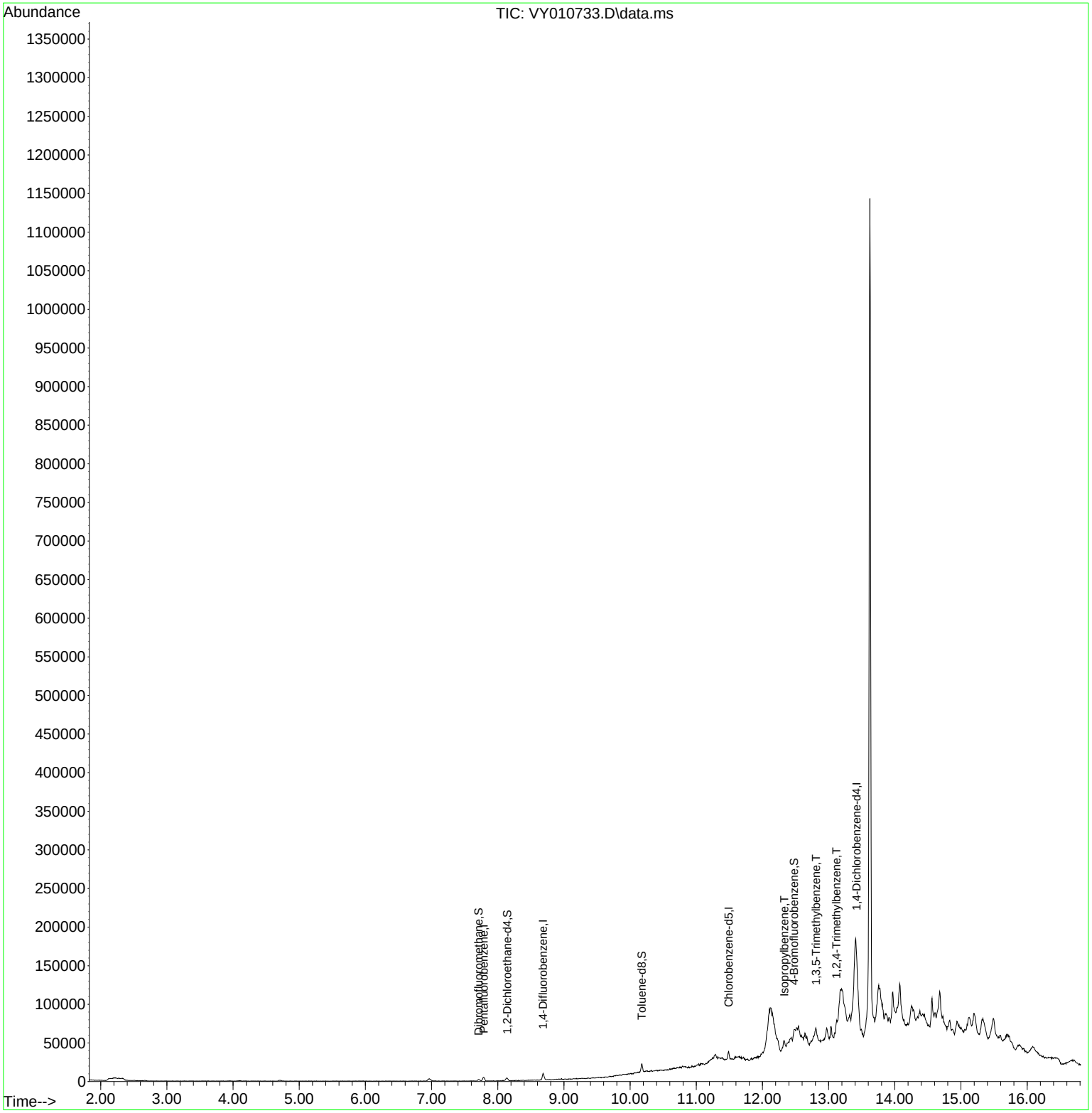
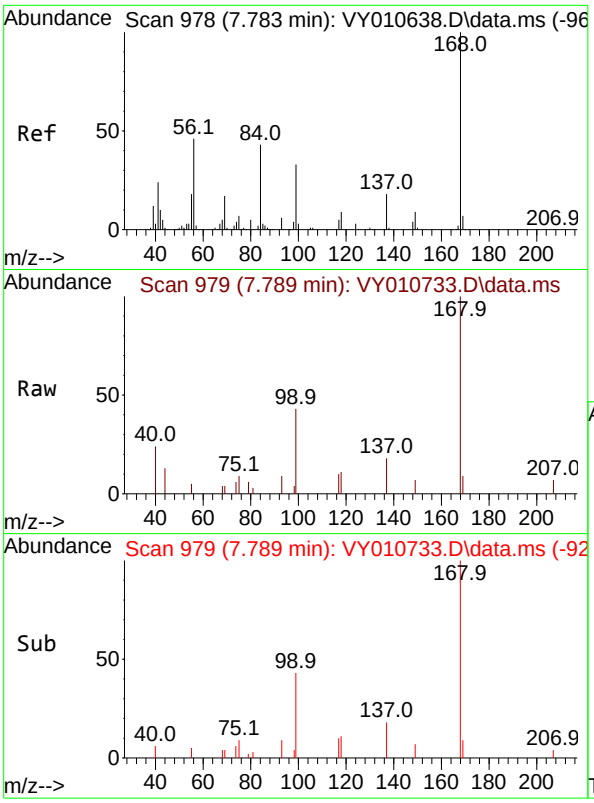


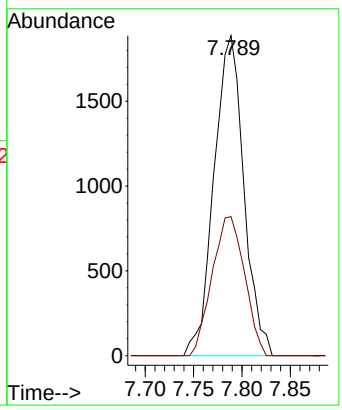


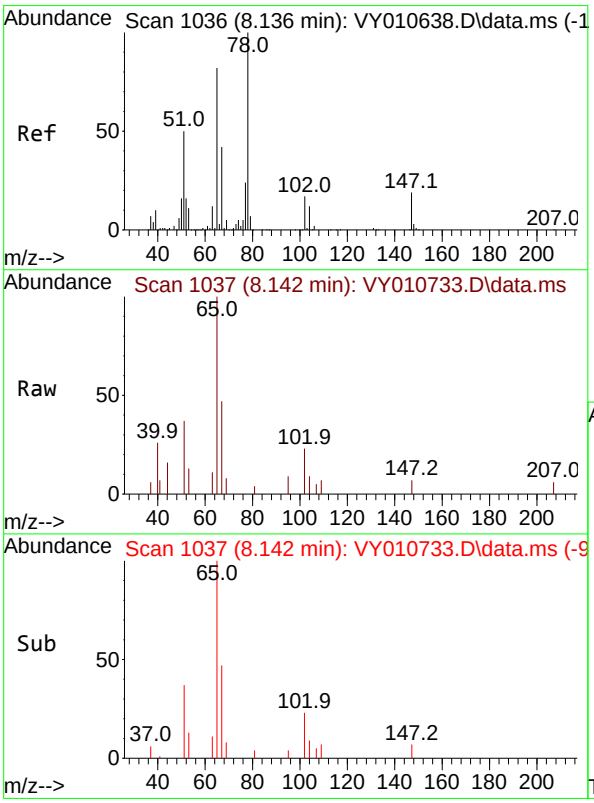
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:168 Resp: 4048

Ion	Ratio	Lower	Upper
168	100		
99	43.5	46.9	70.3#

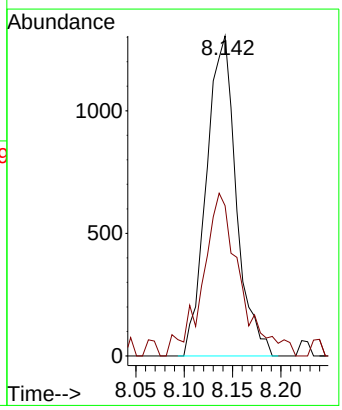


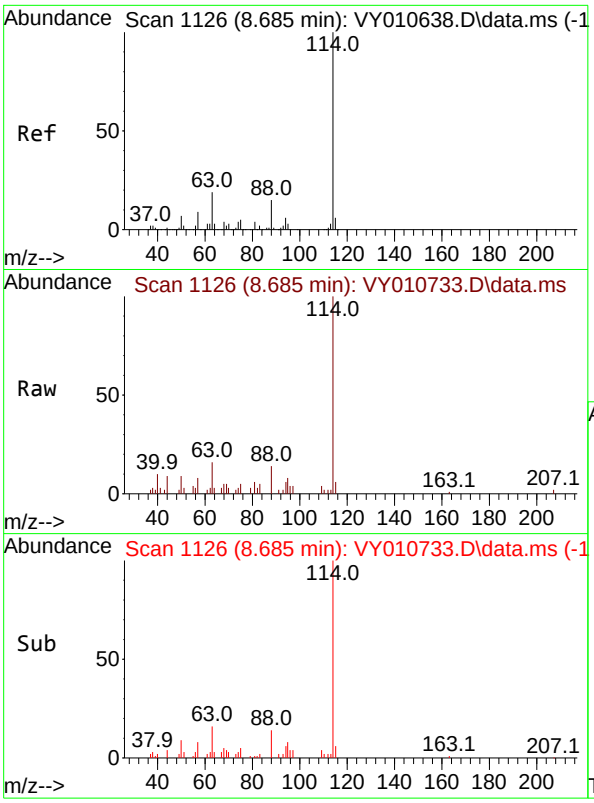


#33
1,2-Dichloroethane-d4
Concen: 72.317 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Tgt Ion: 65 Resp: 2800

Ion	Ratio	Lower	Upper
65	100		
67	63.8	0.0	99.4



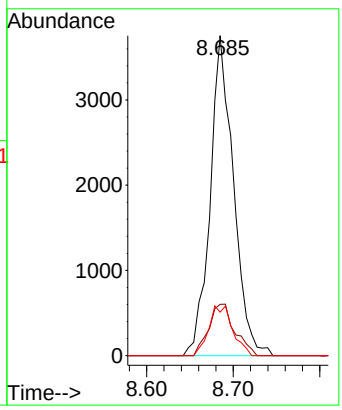


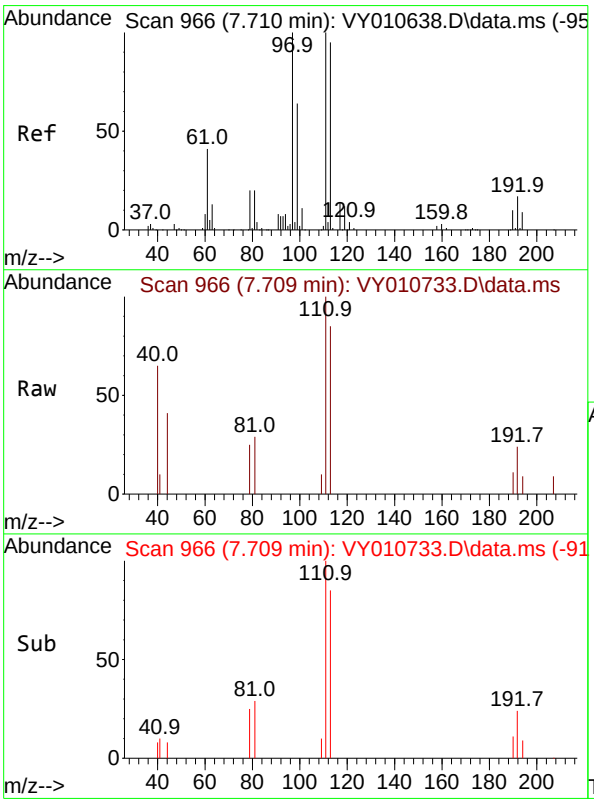
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:114 Resp: 7033

Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	43.2
88	13.6	0.0	31.8

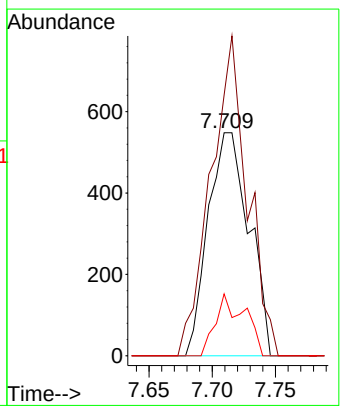


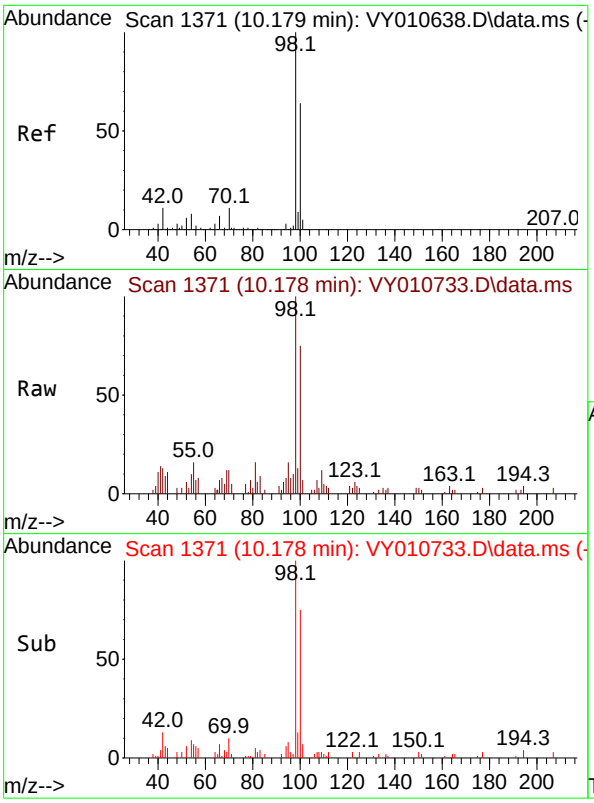


#35
Dibromofluoromethane
Concen: 27.448 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Tgt Ion:113 Resp: 1232

Ion	Ratio	Lower	Upper
113	100		
111	128.7	82.6	124.0#
192	19.8	17.6	26.4



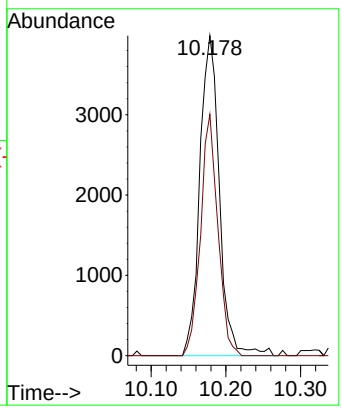


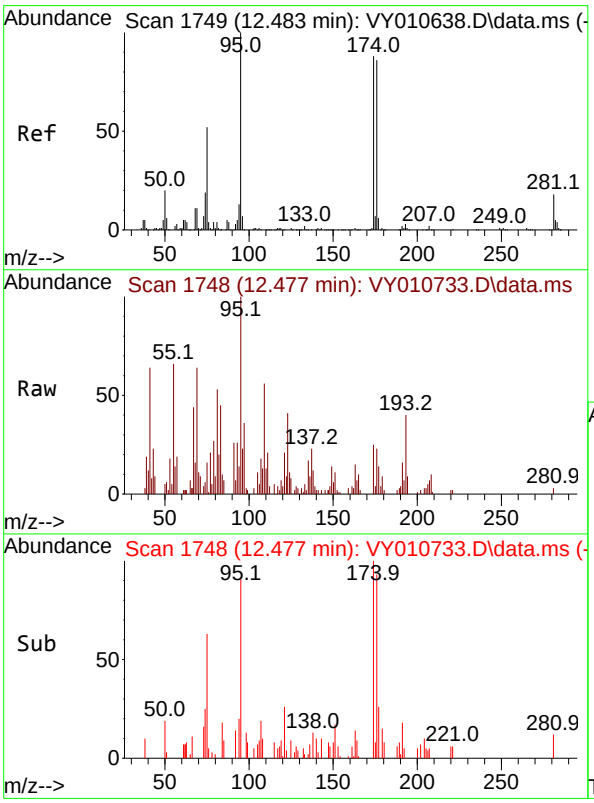
#50
Toluene-d8
Concen: 44.042 ug/l
RT: 10.178 min Scan# 1
Delta R.T. 0.005 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion: 98 Resp: 7240

Ion	Ratio	Lower	Upper
98	100		
100	66.6	50.2	75.2

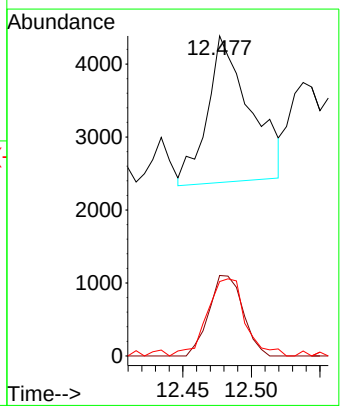


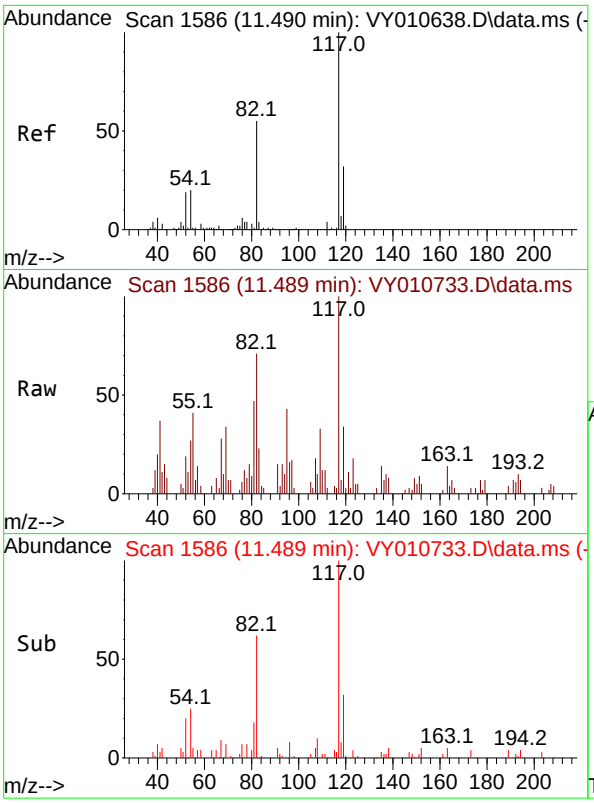


#62
4-Bromofluorobenzene
Concen: 71.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Tgt Ion: 95 Resp: 4358

Ion	Ratio	Lower	Upper
95	100		
174	43.6	0.0	177.0
176	46.4	0.0	175.8



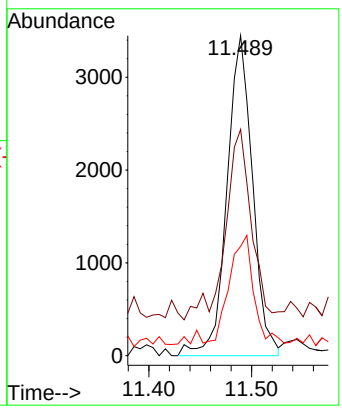


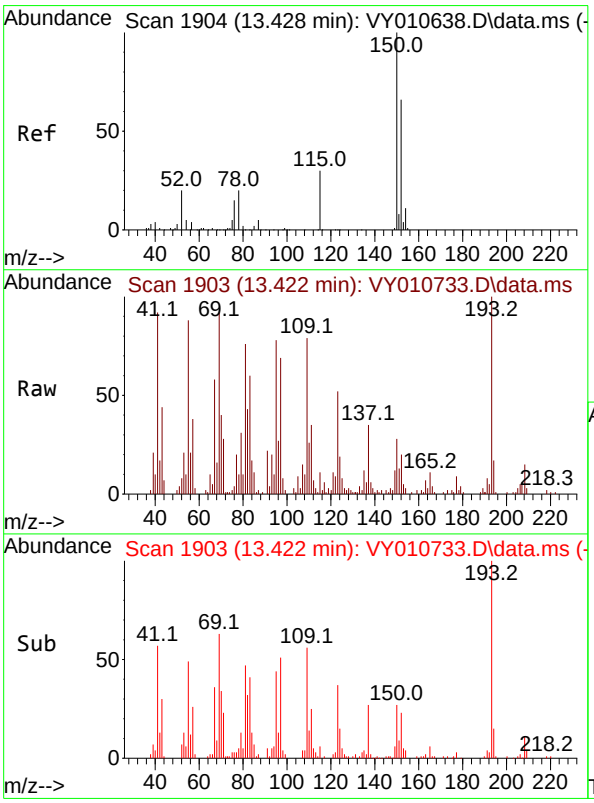
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:117 Resp: 5967

Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.0	64.4
119	30.5	25.4	38.0

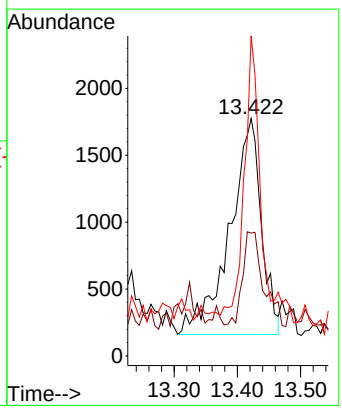


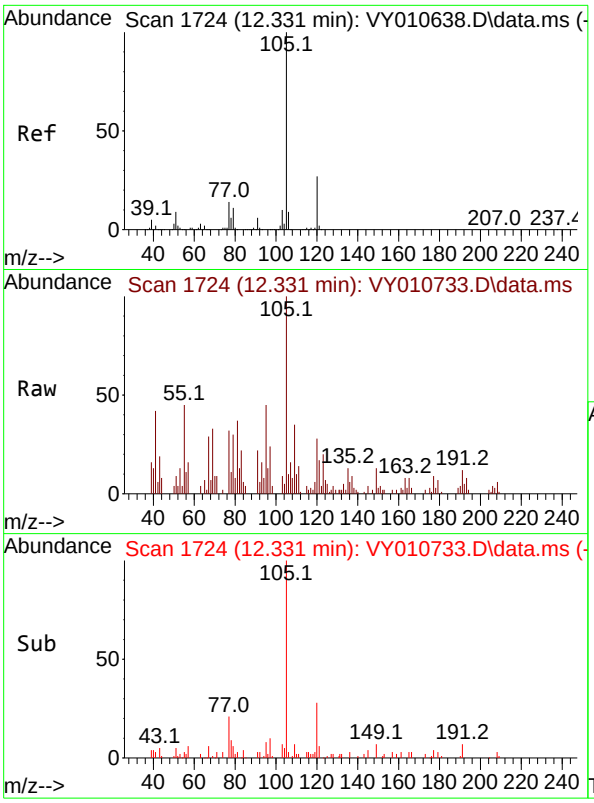


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Tgt Ion:152 Resp: 5616

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.7#
150	59.7	0.0	347.6



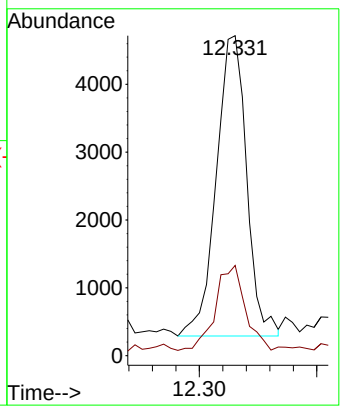


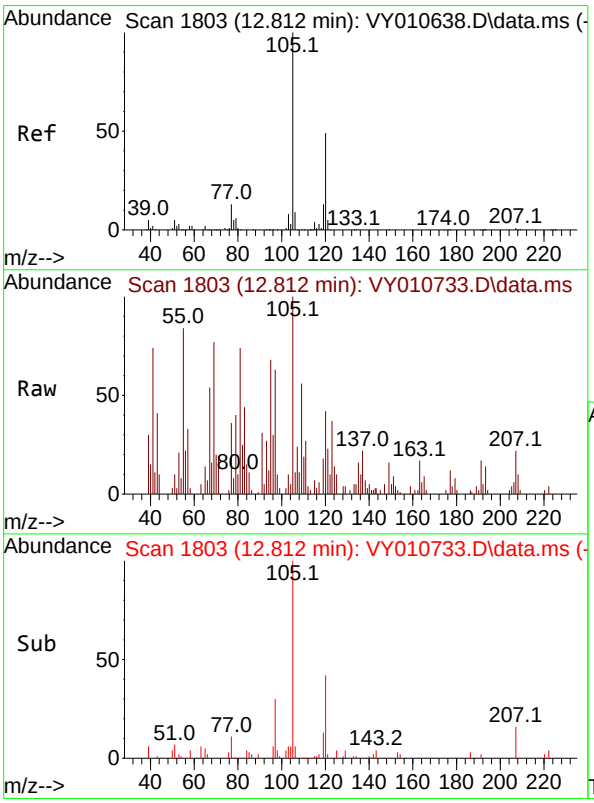
#73
Isopropylbenzene
Concen: 22.902 ug/l
RT: 12.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:105 Resp: 7949

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.4	40.2

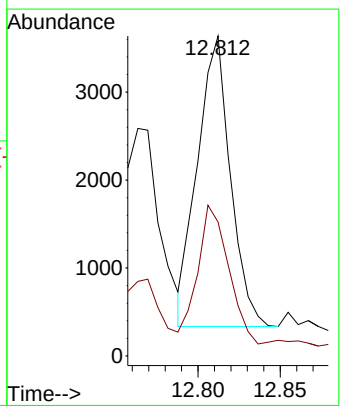


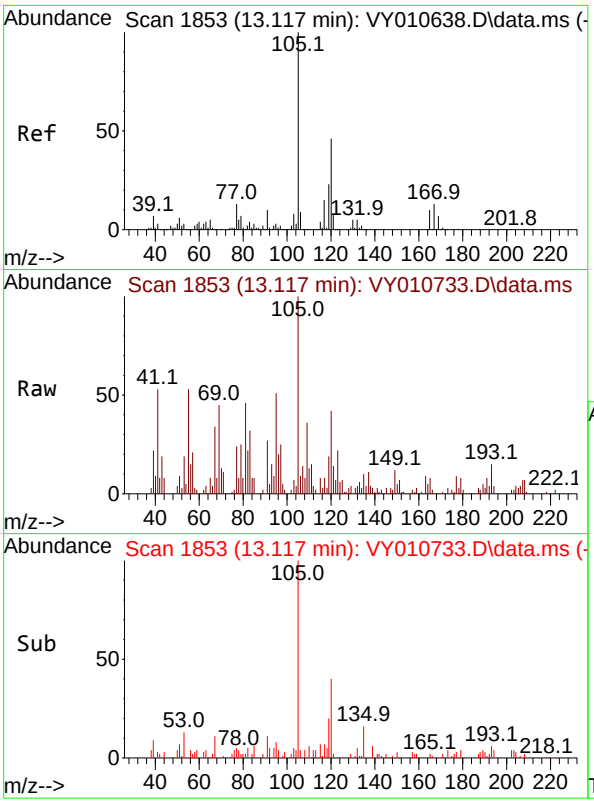


#80
1,3,5-Trimethylbenzene
Concen: 15.669 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Tgt Ion:105 Resp: 4595

Ion	Ratio	Lower	Upper
105	100		
120	47.6	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 26.796 ug/l
RT: 13.117 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010733.D
Acq: 29 Sep 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

Tgt Ion:105 Resp: 7807

Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.3	66.9