Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Quant Time: Jan 11 04:07:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

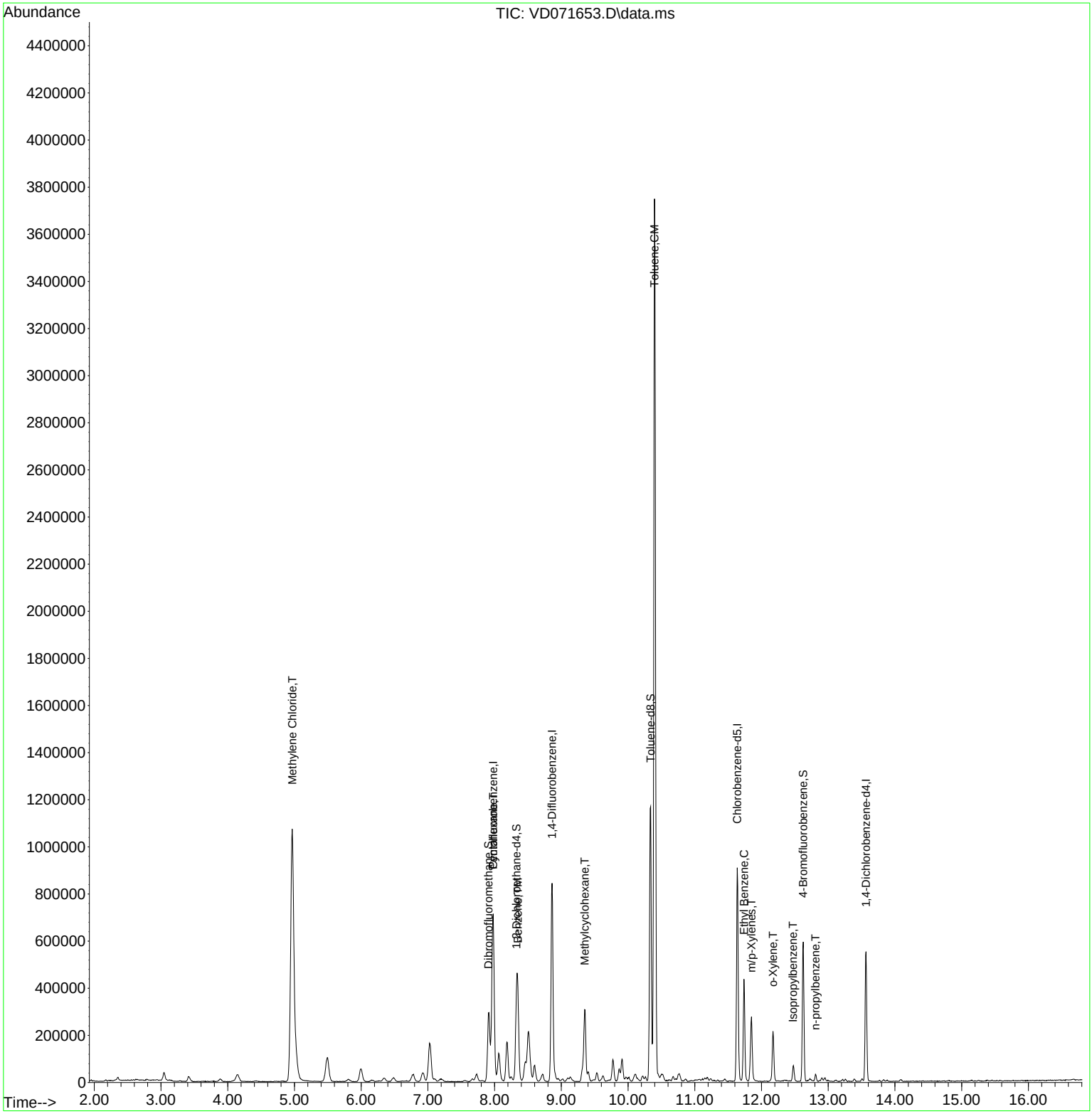
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	365535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	632954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	474402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	134273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	231228	49.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.908	113	204677	48.930	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.860%		
50) Toluene-d8	10.338	98	749481	47.864	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.626	95	181633	32.919	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	65.840%		
Target Compounds						Qvalue
20) Methylene Chloride	4.967	84	742419	192.388	ug/l	97
31) Cyclohexane	7.979	56	116284	18.067	ug/l #	92
39) Methylcyclohexane	9.349	83	109413	16.976	ug/l	88
40) Benzene	8.350	78	288155	17.527	ug/l	99
52) Toluene	10.396	92	1547495	149.537	ug/l	99
67) Ethyl Benzene	11.738	91	282945	16.977	ug/l	97
68) m/p-Xylenes	11.849	106	79815	12.877	ug/l	99
69) o-Xylene	12.173	106	53218	9.071	ug/l	100
73) Isopropylbenzene	12.473	105	13374	1.386	ug/l	99
78) n-propylbenzene	12.808	91	21531	1.774	ug/l	97

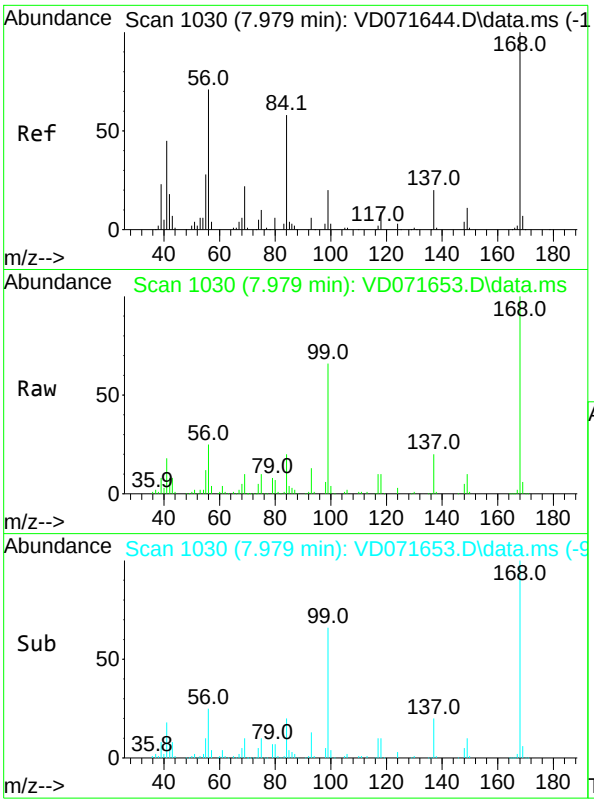
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
Data File : VD071653.D
Acq On : 10 Jan 2022 12:33
Operator : VA/SY
Sample : N1050-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Quant Time: Jan 11 04:07:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration



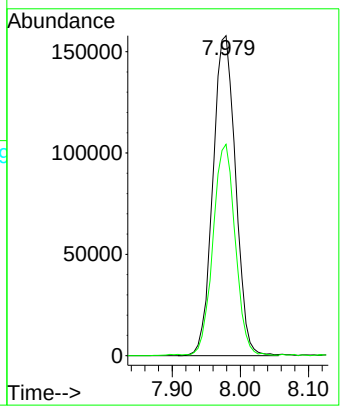


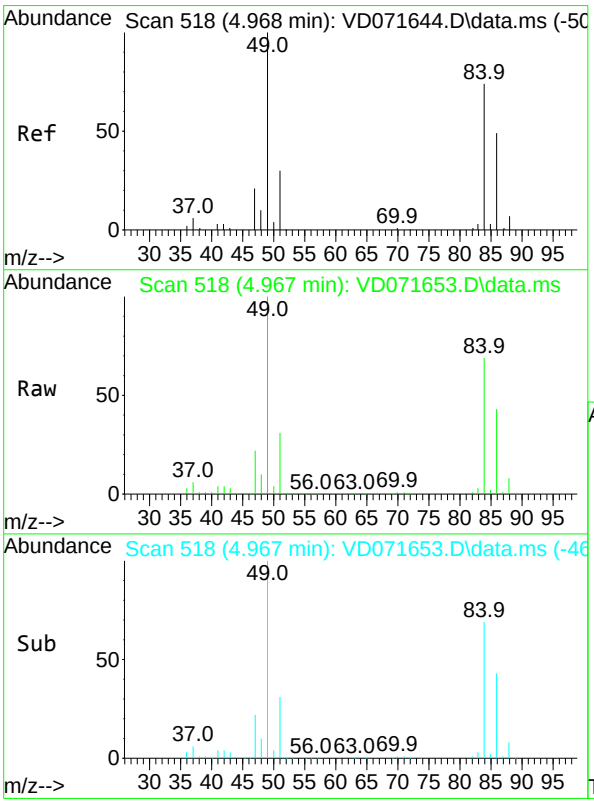
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:168 Resp: 365535

Ion	Ratio	Lower	Upper
168	100		
99	65.9	51.8	77.6

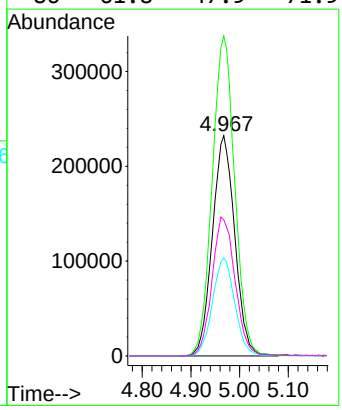


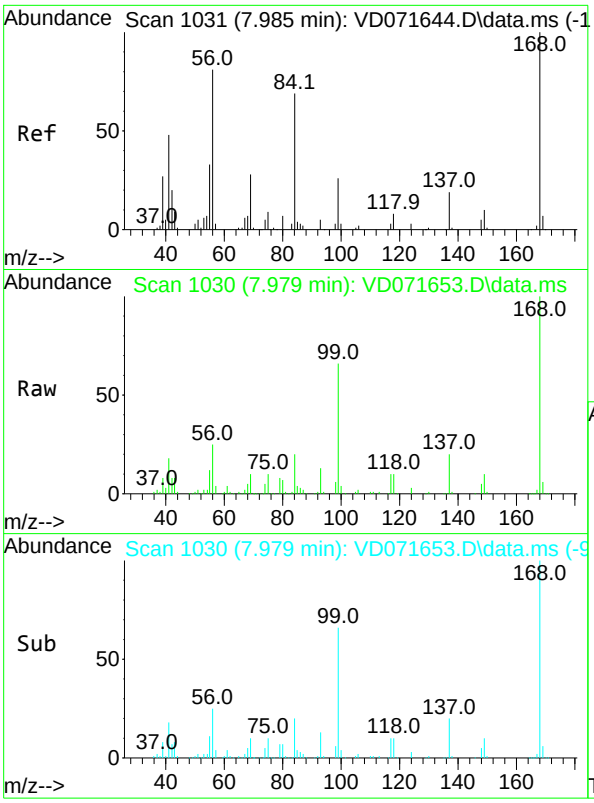


#20
Methylene Chloride
Concen: 192.388 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion: 84 Resp: 742419

Ion	Ratio	Lower	Upper
84	100		
49	145.3	118.6	178.0
51	44.5	37.8	56.6
86	61.8	47.9	71.9



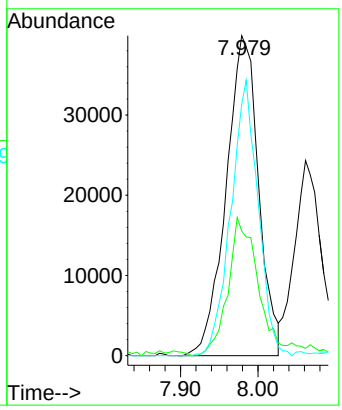


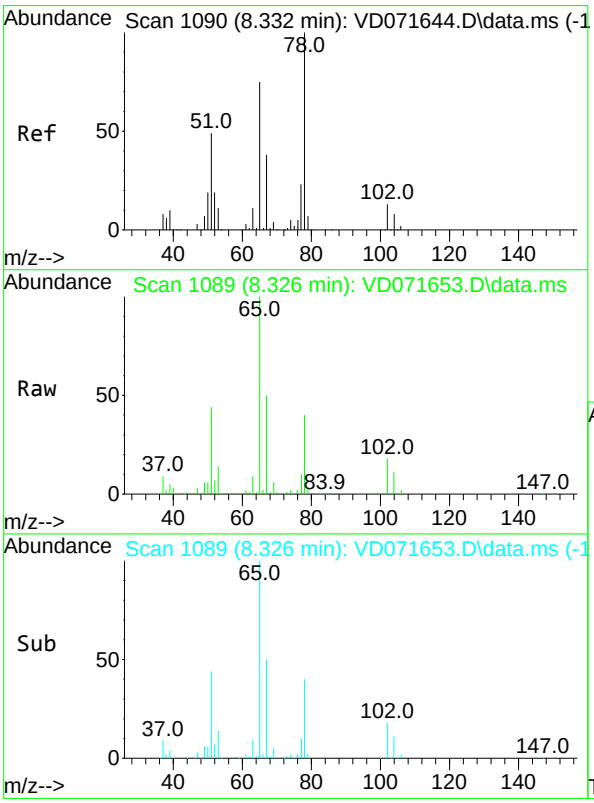
#31
Cyclohexane
Concen: 18.067 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.011 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 56 Resp: 116284

Ion	Ratio	Lower	Upper
56	100		
69	37.7	21.7	32.5#
84	78.6	65.7	98.5

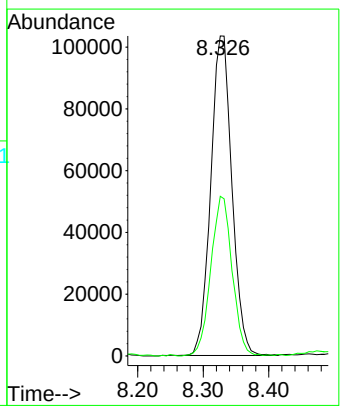


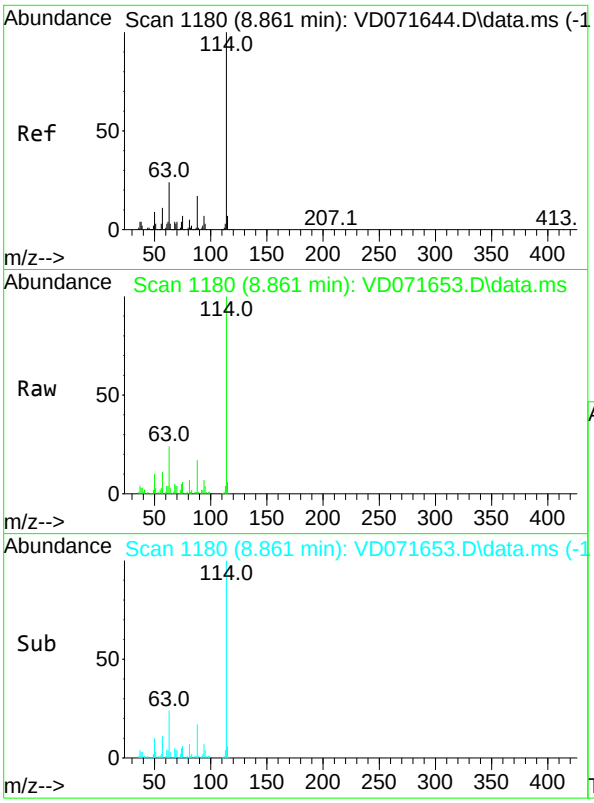


#33
1,2-Dichloroethane-d4
Concen: 49.162 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion: 65 Resp: 231228

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.2



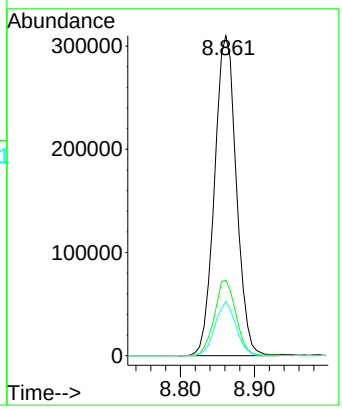


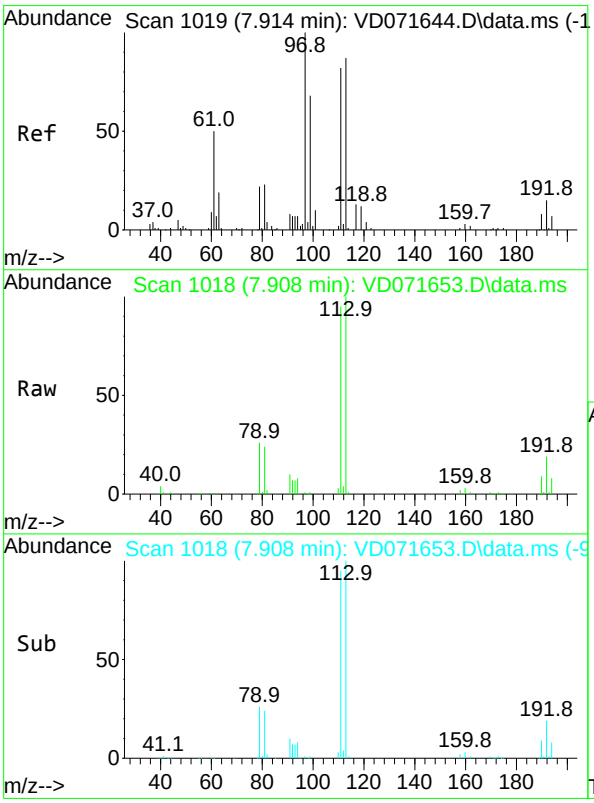
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:114 Resp: 632954

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.2
88	17.0	0.0	32.0

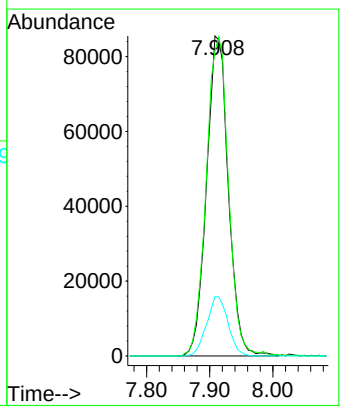


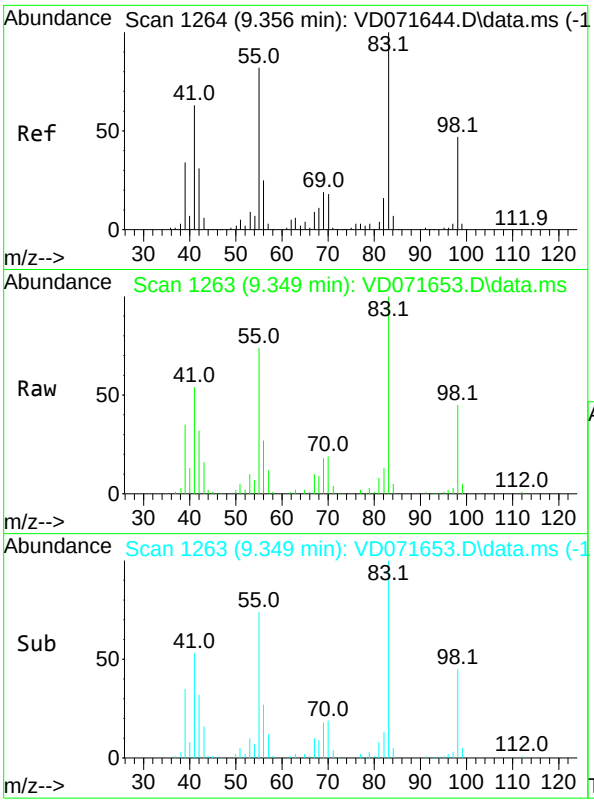


#35
Dibromofluoromethane
Concen: 48.930 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion:113 Resp: 204677

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	18.2	14.2	21.2



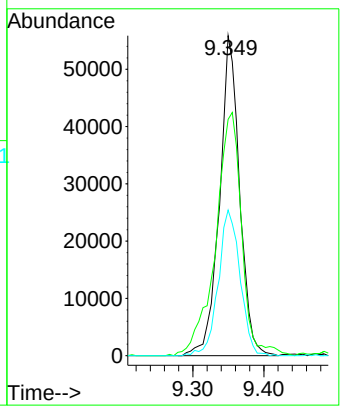


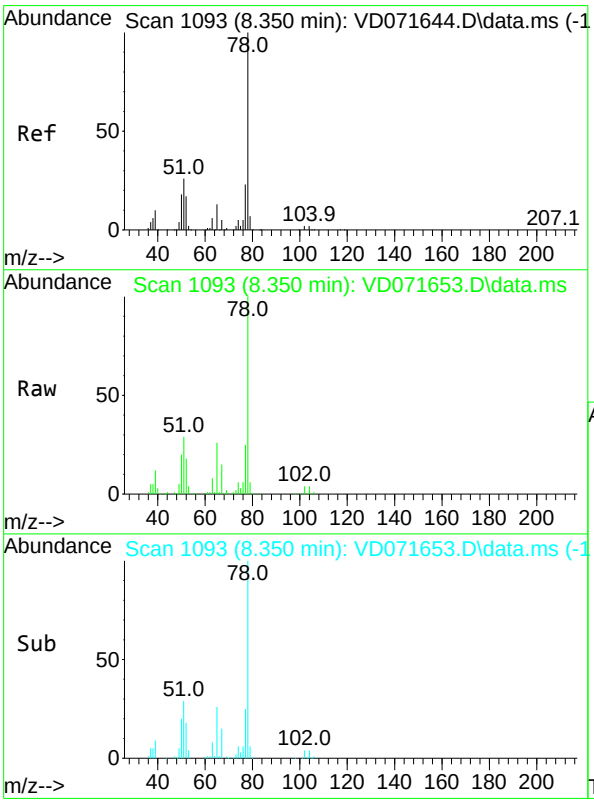
#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 9.349 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 83 Resp: 109413

Ion	Ratio	Lower	Upper
83	100		
55	72.8	70.1	105.1
98	45.5	39.2	58.8

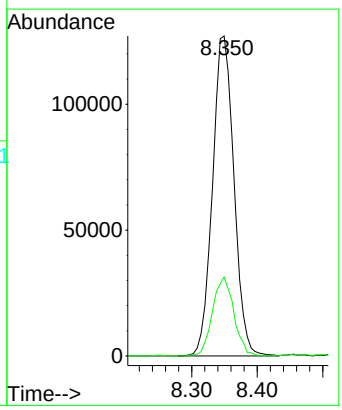


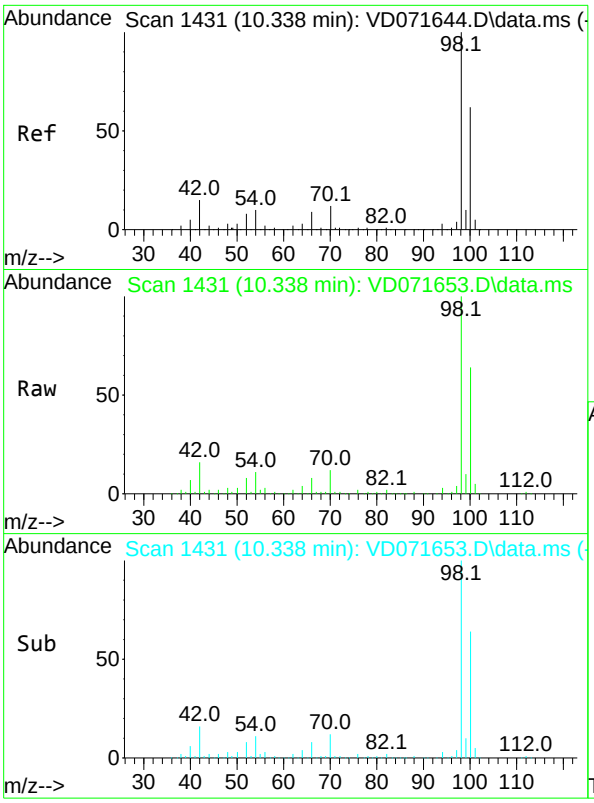


#40
Benzene
Concen: 17.527 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.001 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion: 78 Resp: 288155

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0



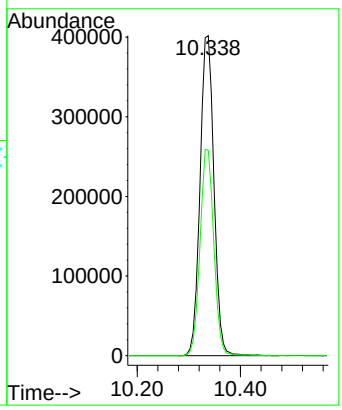


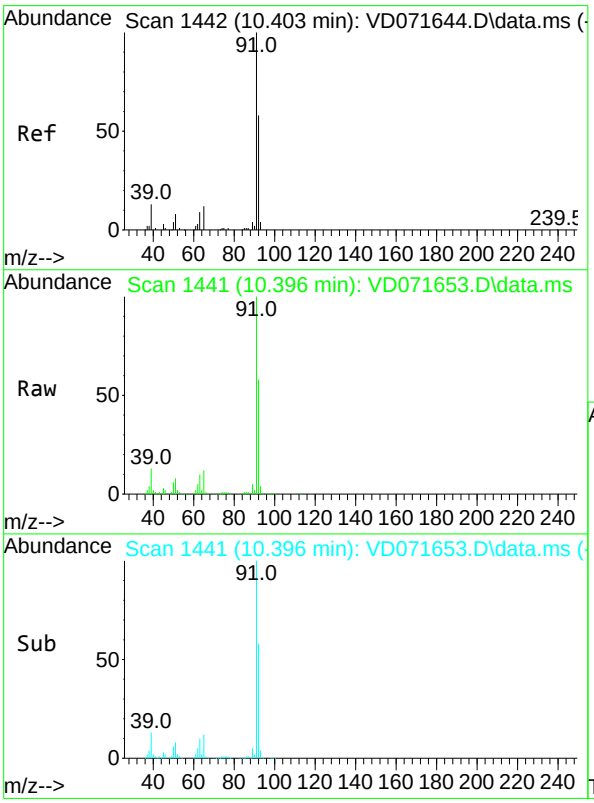
#50
Toluene-d8
Concen: 47.864 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.001 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 98 Resp: 749481

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1

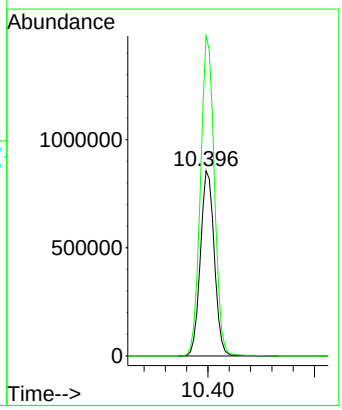


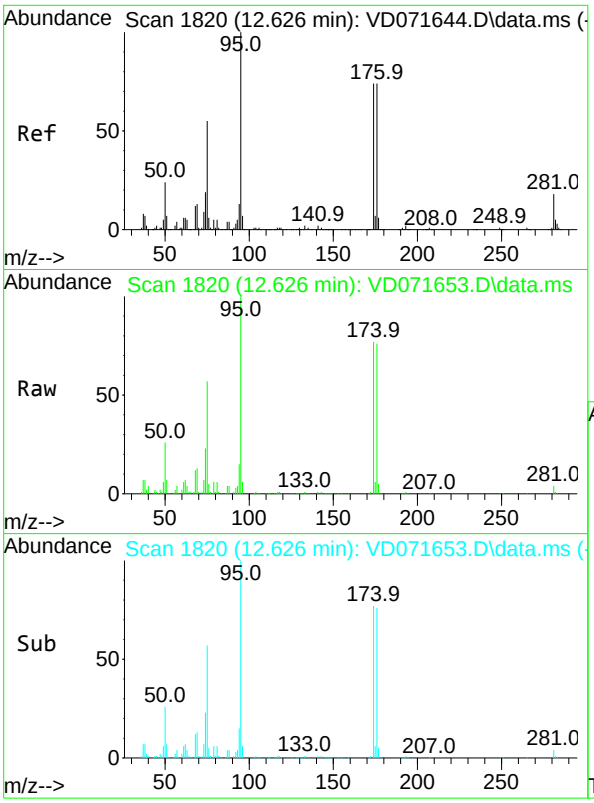


#52
Toluene
Concen: 149.537 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion: 92 Resp: 1547495

Ion	Ratio	Lower	Upper
92	100		
91	172.7	137.3	205.9



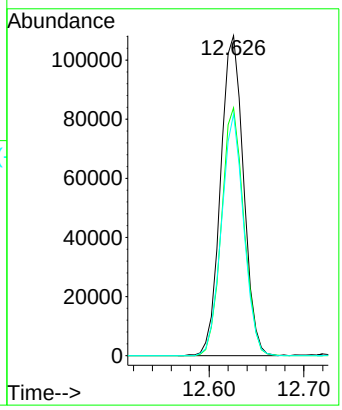


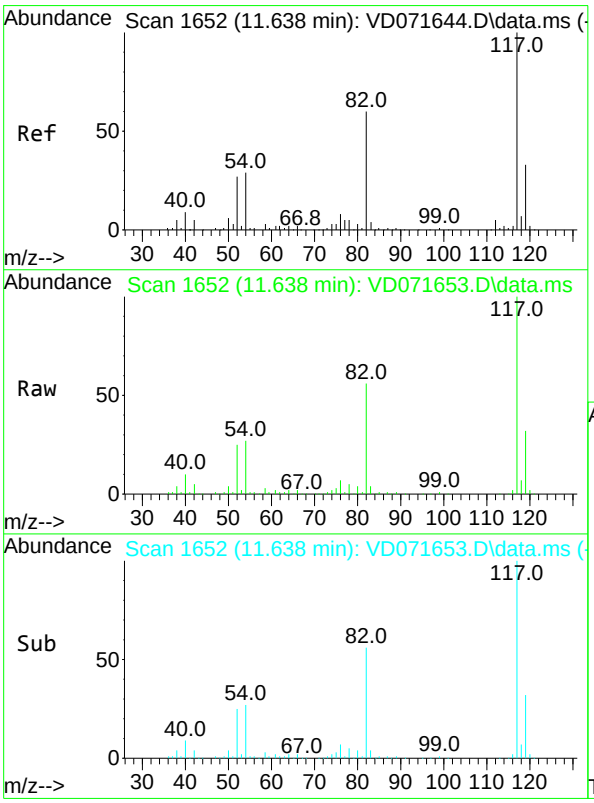
#62
4-Bromofluorobenzene
Concen: 32.919 ug/l
RT: 12.626 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 95 Resp: 181633

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.0
176	73.2	0.0	146.4

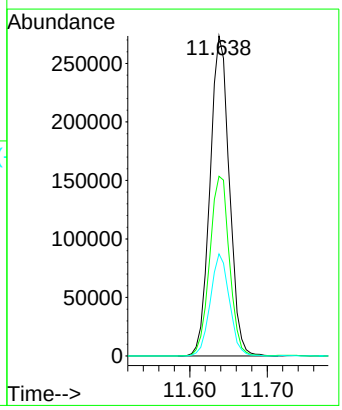


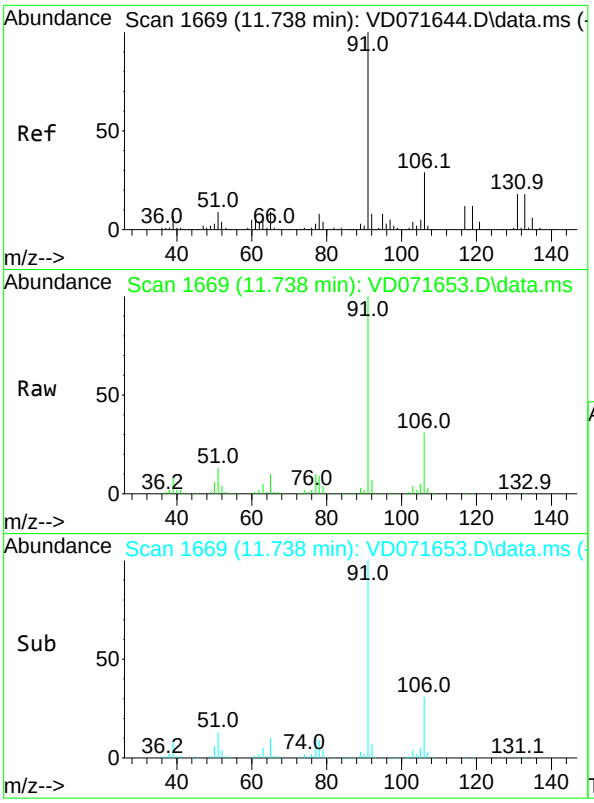


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion:117 Resp: 474402

Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.9	70.3
119	31.9	26.6	39.8



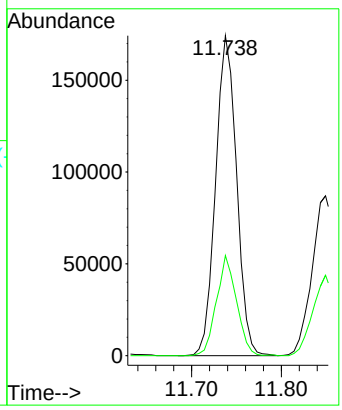


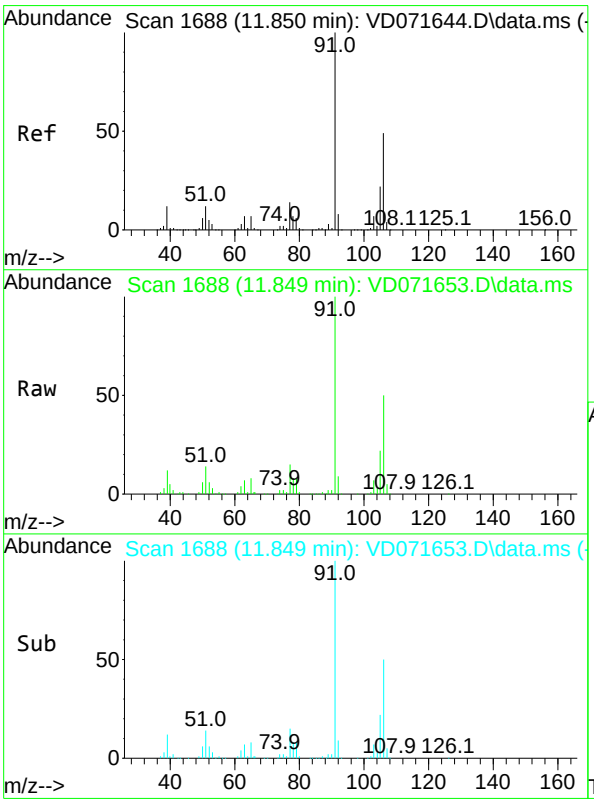
#67
Ethyl Benzene
Concen: 16.977 ug/l
RT: 11.738 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion: 91 Resp: 282945

Ion	Ratio	Lower	Upper
91	100		
106	31.3	23.6	35.4

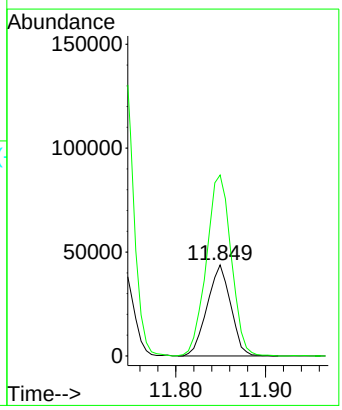


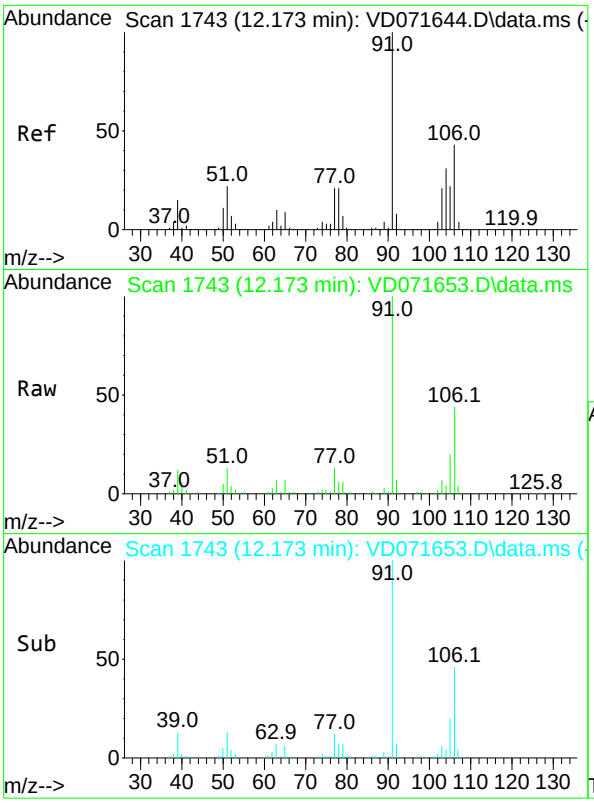


#68
m/p-Xylenes
Concen: 12.877 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion:106 Resp: 79815

Ion	Ratio	Lower	Upper
106	100		
91	209.7	168.6	252.8



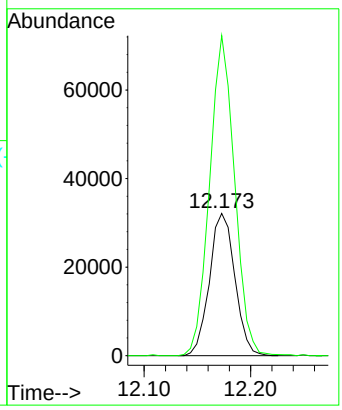


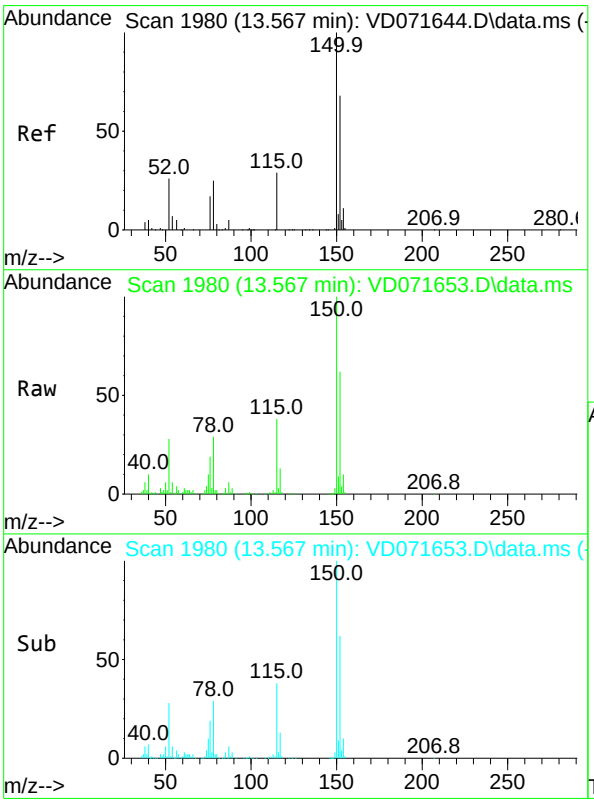
#69
o-Xylene
Concen: 9.071 ug/l
RT: 12.173 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:106 Resp: 53218

Ion	Ratio	Lower	Upper
106	100		
91	221.4	110.9	332.9

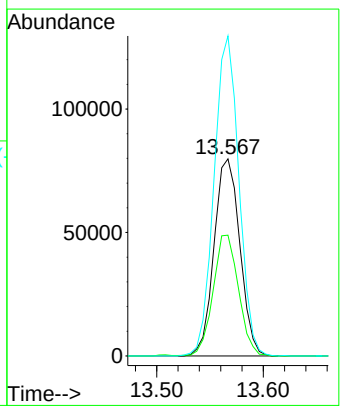


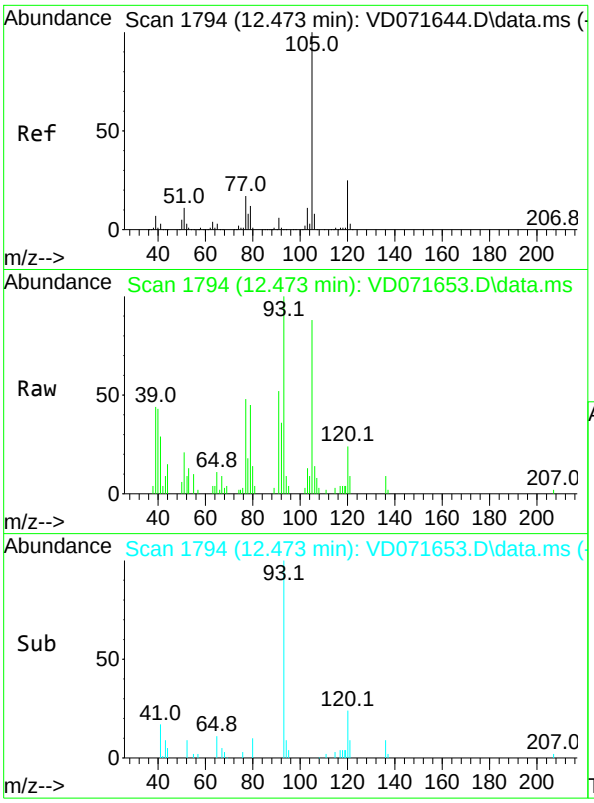


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion:152 Resp: 134273

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.5	94.5
150	156.1	0.0	348.0



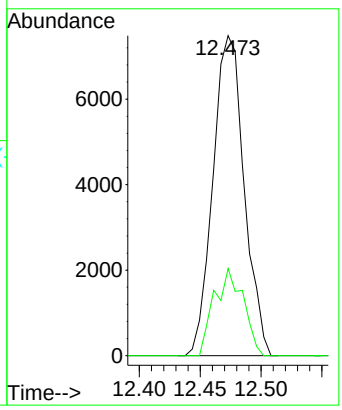


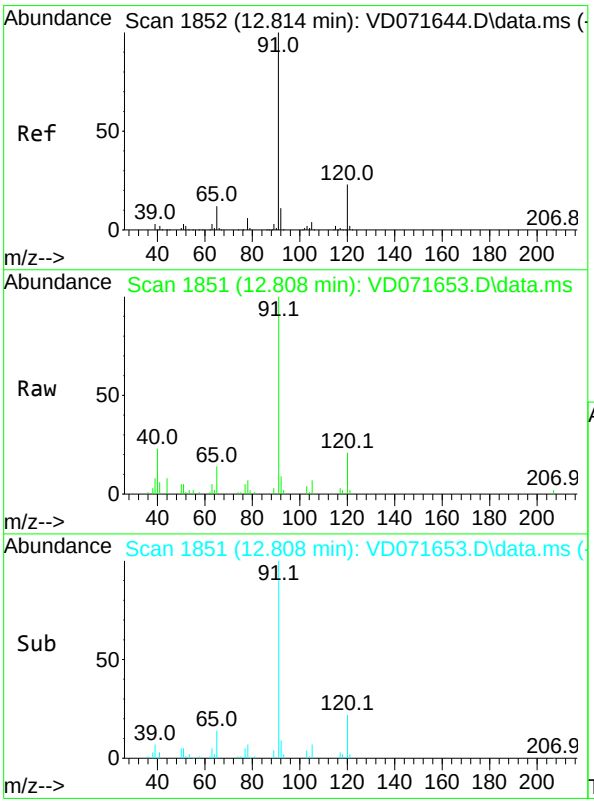
#73
Isopropylbenzene
Concen: 1.386 ug/l
RT: 12.473 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tgt Ion:105 Resp: 13374

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.5	37.5





#78
n-propylbenzene
Concen: 1.774 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071653.D
Acq: 10 Jan 2022 12:33

Tgt Ion: 91 Resp: 21531

Ion	Ratio	Lower	Upper
91	100		
120	20.2	10.9	32.7