Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SOLID-A-E

Quant Time: Jul 31 00:37:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	8934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	16519	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8124	79.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.140%			
35) Dibromofluoromethane	7.909	113	5352	53.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.332	98	19570	51.153	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.620	95	12836	100.391	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 200.780%#			
Target Compounds						Qvalue
39) Methylcyclohexane	9.350	83	9903	50.909	ug/l #	77
73) Isopropylbenzene	12.467	105	27612	36.378	ug/l	97
78) n-propylbenzene	12.814	91	71613	73.458	ug/l	98
85) sec-Butylbenzene	13.391	105	54977	65.875	ug/l #	72
89) n-Butylbenzene	13.832	91	64440	96.304	ug/l	91

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

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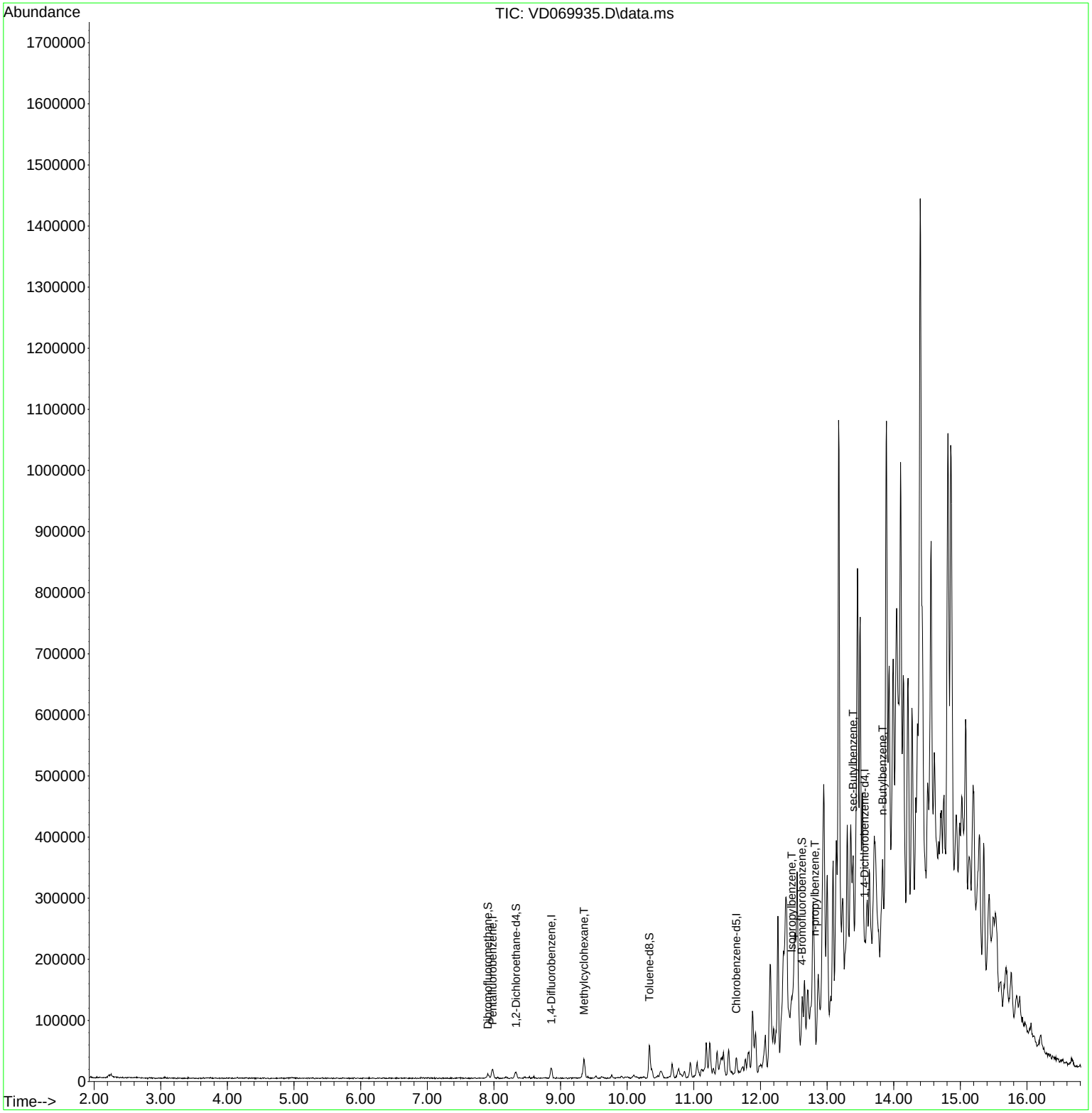
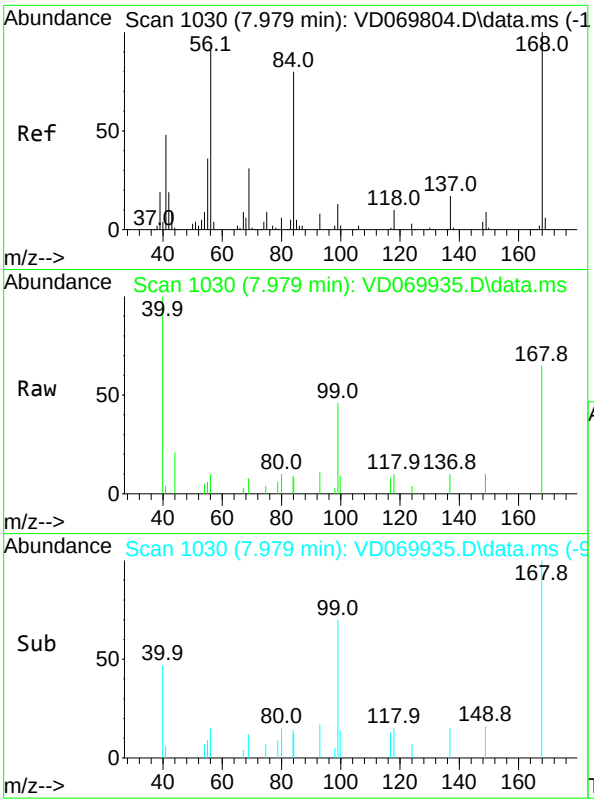
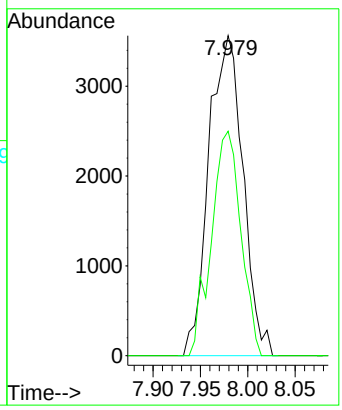




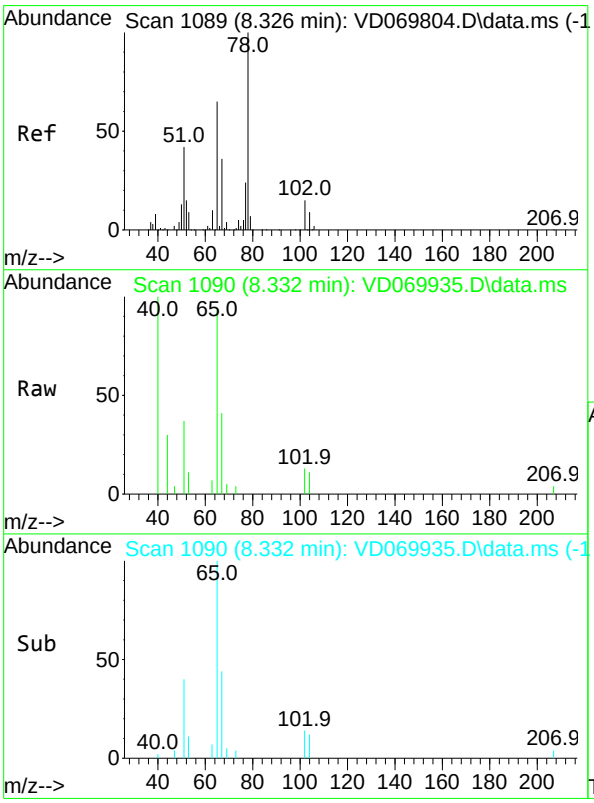
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:168 Resp: 8934

Ion	Ratio	Lower	Upper
168	100		
99	70.1	51.1	76.7



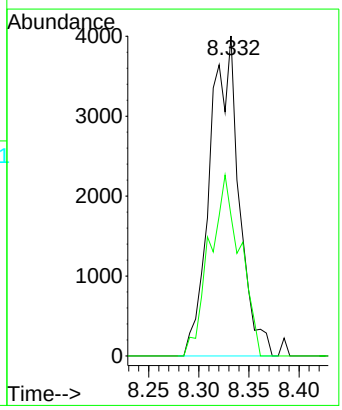
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

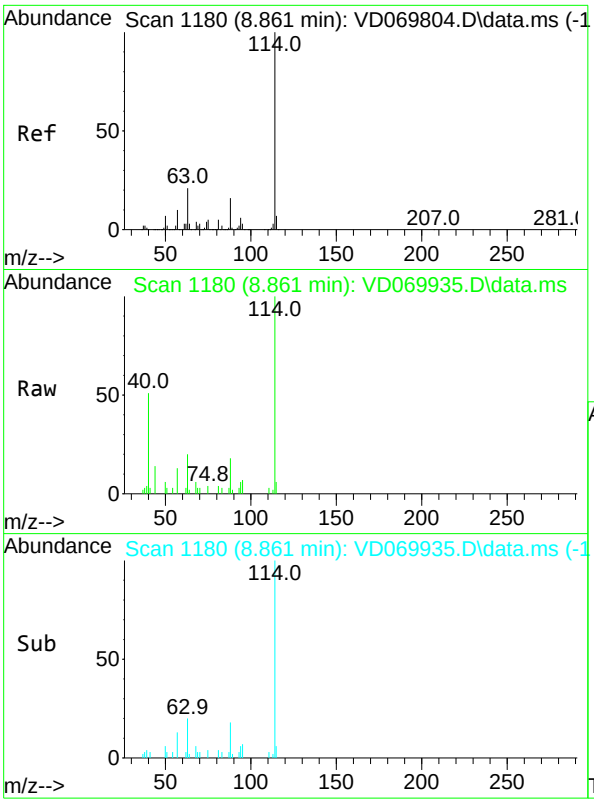


#33
1,2-Dichloroethane-d4
Concen: 79.066 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 65 Resp: 8124

Ion	Ratio	Lower	Upper
65	100		
67	59.6	0.0	111.2

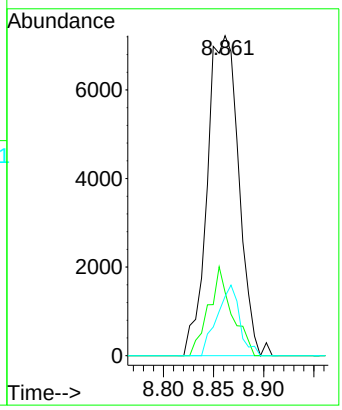




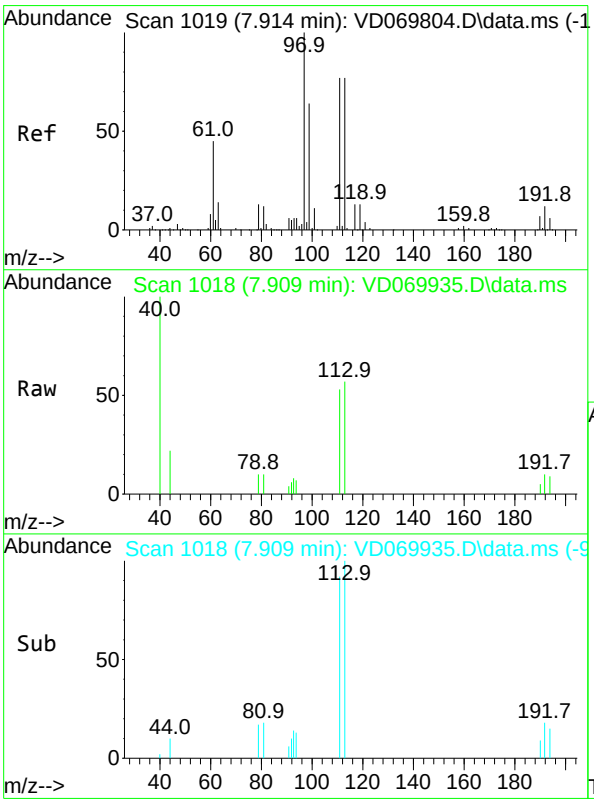
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:114 Resp: 15739

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.6
88	18.5	0.0	31.4



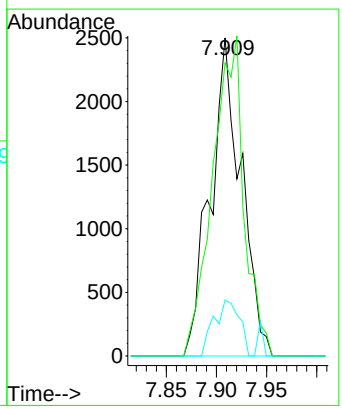
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E



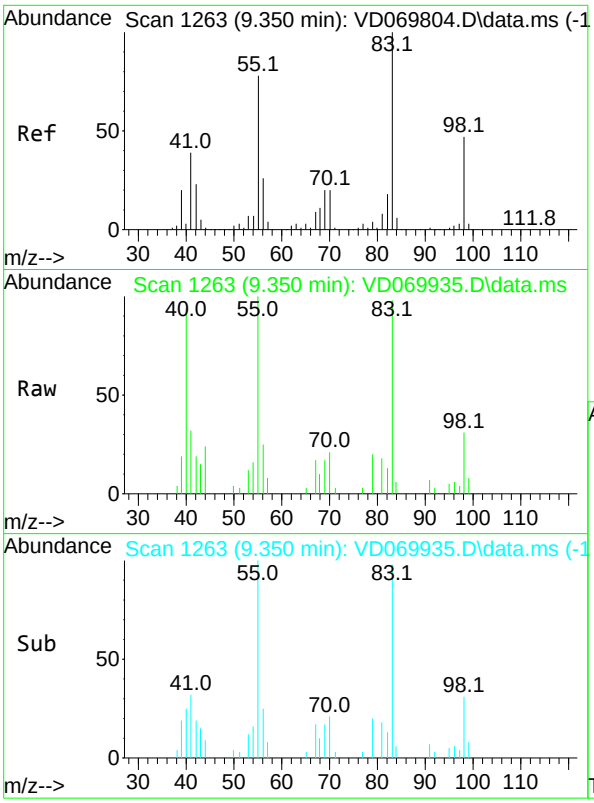
#35
Dibromofluoromethane
Concen: 53.941 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:113 Resp: 5352

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.5	120.7
192	14.6	12.6	19.0



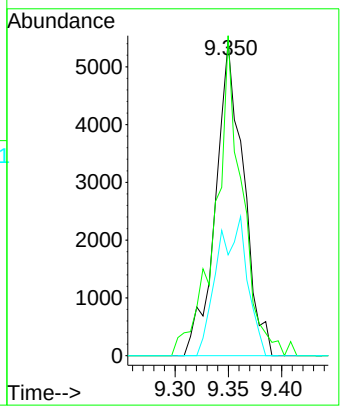
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

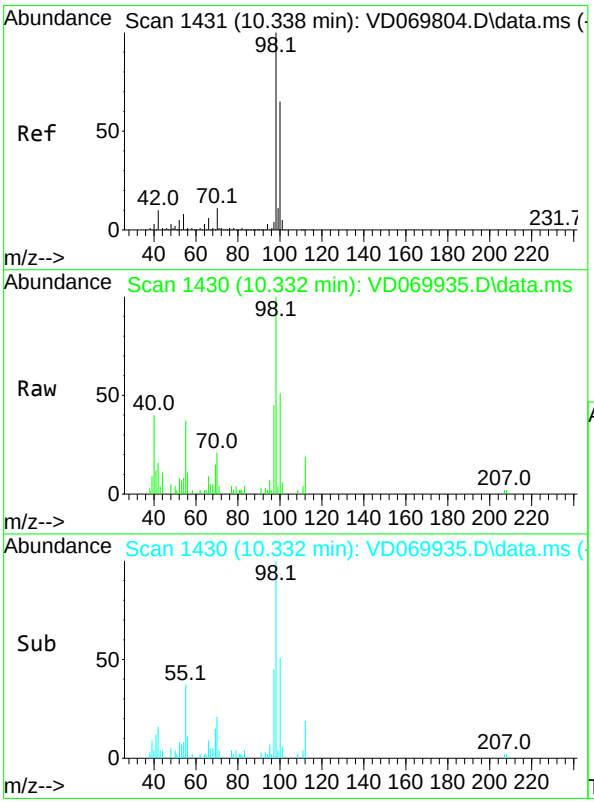


#39
Methylcyclohexane
Concen: 50.909 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 83 Resp: 9903

Ion	Ratio	Lower	Upper
83	100		
55	97.2	62.2	93.2#
98	32.1	37.8	56.8#

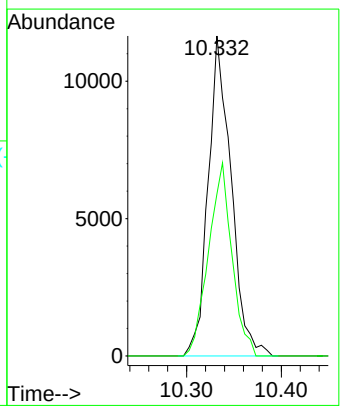




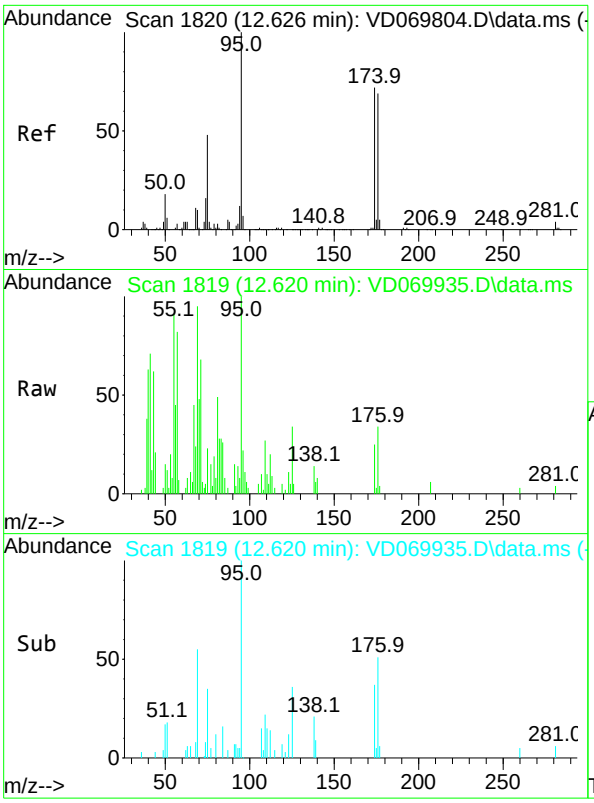
#50
Toluene-d8
Concen: 51.153 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 98 Resp: 19570

Ion	Ratio	Lower	Upper
98	100		
100	61.8	51.9	77.9



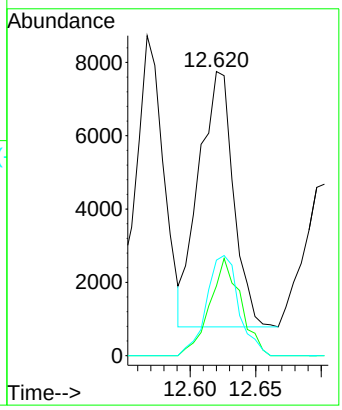
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

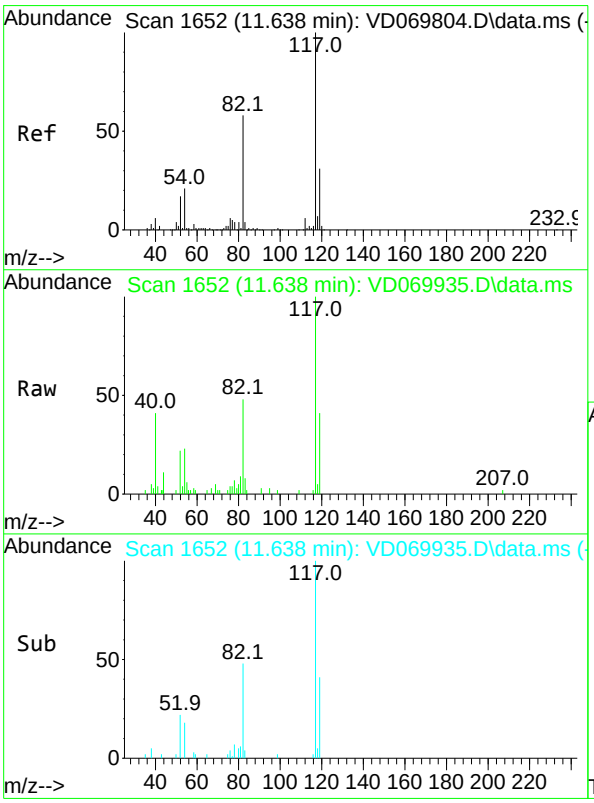


#62
4-Bromofluorobenzene
Concen: 100.391 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 95 Resp: 12836

Ion	Ratio	Lower	Upper
95	100		
174	33.9	0.0	142.6
176	36.5	0.0	134.2

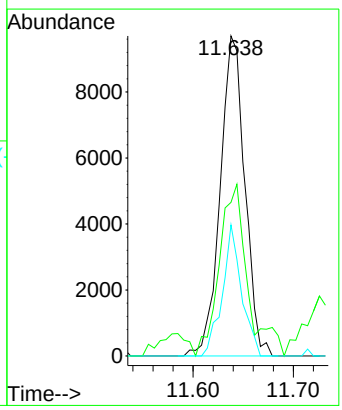




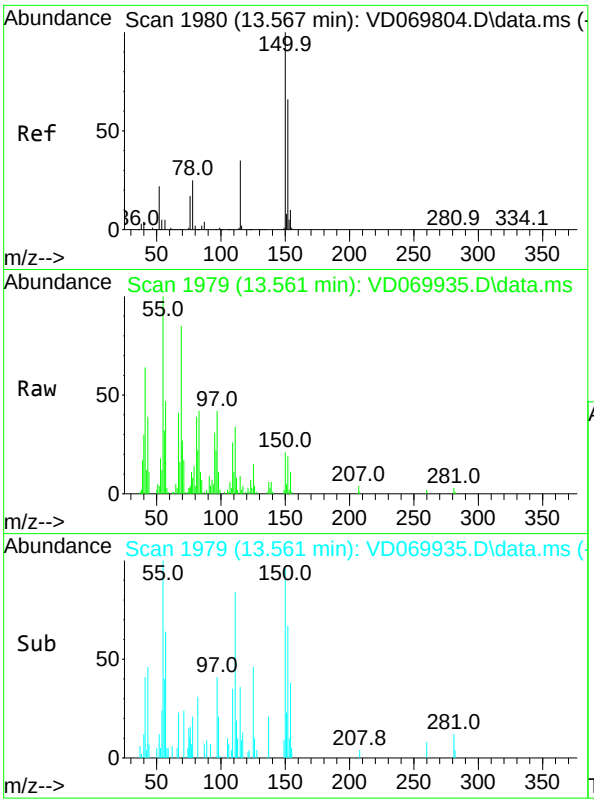
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:117 Resp: 16519

Ion	Ratio	Lower	Upper
117	100		
82	41.7	46.3	69.5#
119	40.9	24.7	37.1#



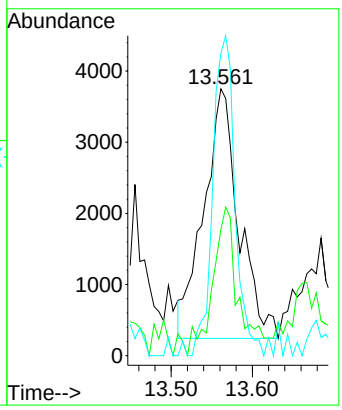
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

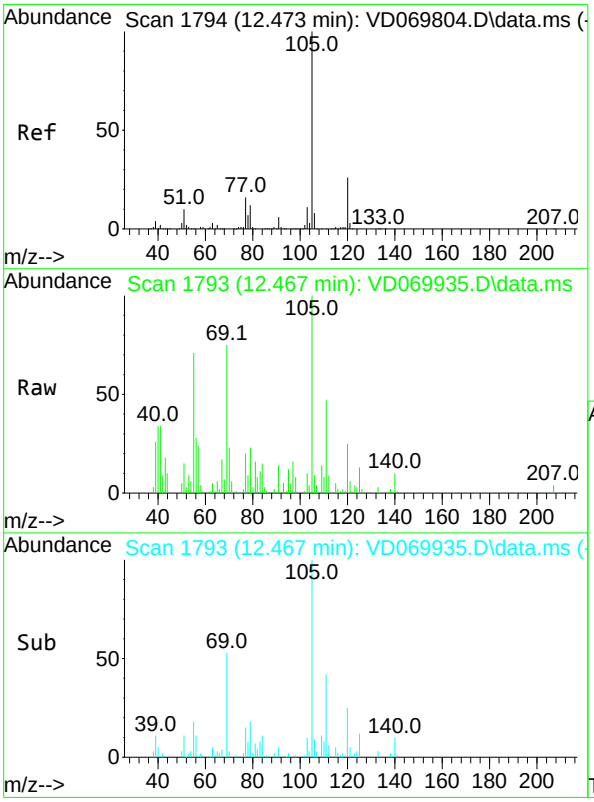


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:152 Resp: 10564

Ion	Ratio	Lower	Upper
152	100		
115	43.5	31.1	93.3
150	81.1	0.0	343.0

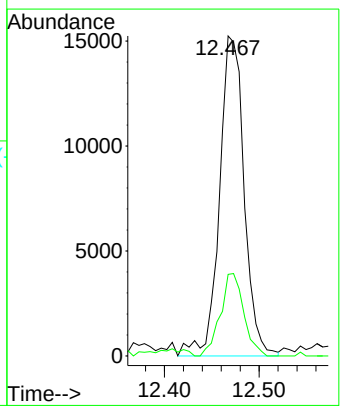




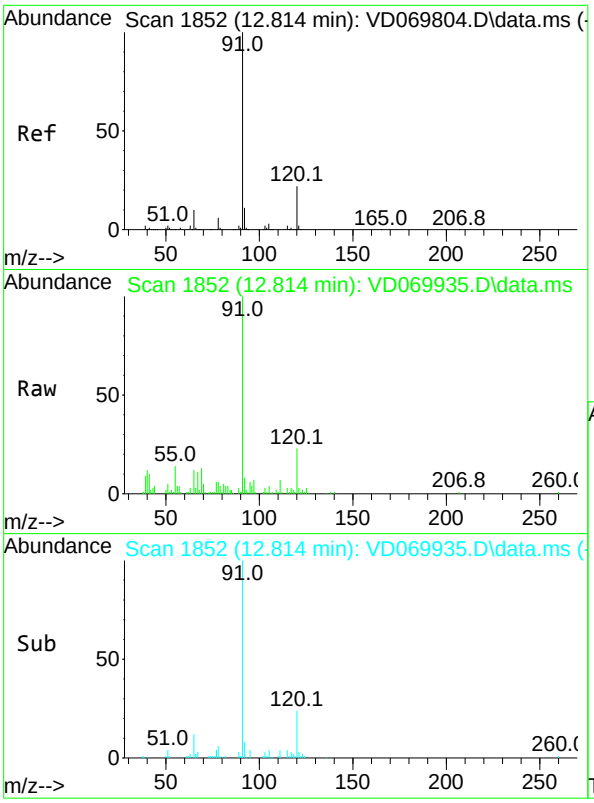
#73
Isopropylbenzene
Concen: 36.378 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:105 Resp: 27612

Ion	Ratio	Lower	Upper
105	100		
120	24.4	13.0	38.9



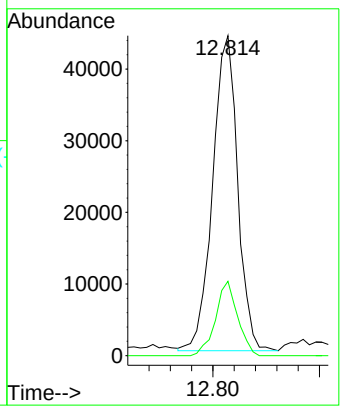
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

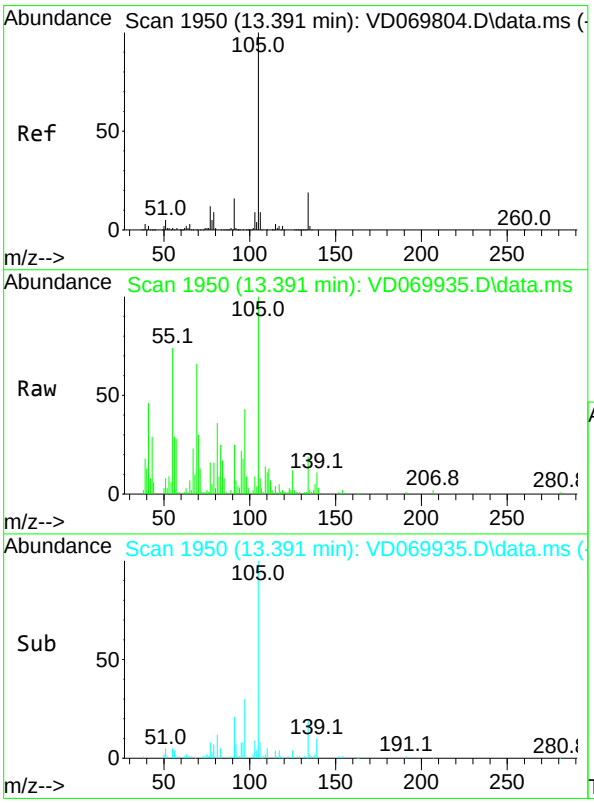


#78
n-propylbenzene
Concen: 73.458 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 91 Resp: 71613

Ion	Ratio	Lower	Upper
91	100		
120	20.8	10.9	32.7

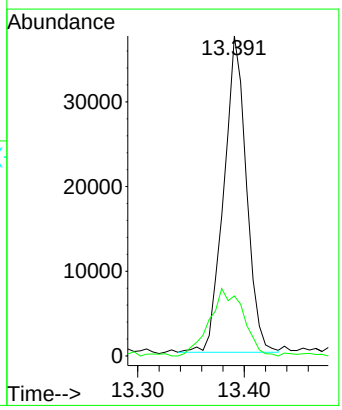


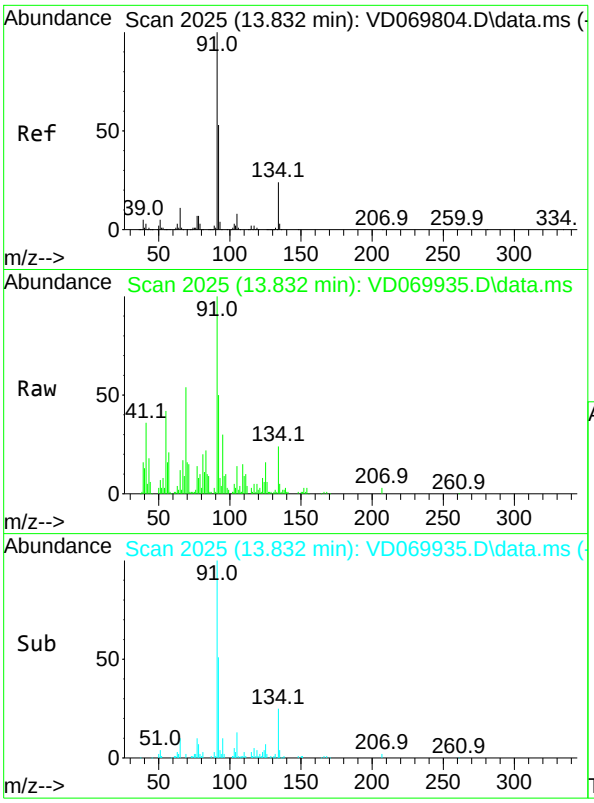


#85
sec-Butylbenzene
Concen: 65.875 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion:105 Resp: 54977

Ion	Ratio	Lower	Upper
105	100		
134	31.9	9.6	28.6#

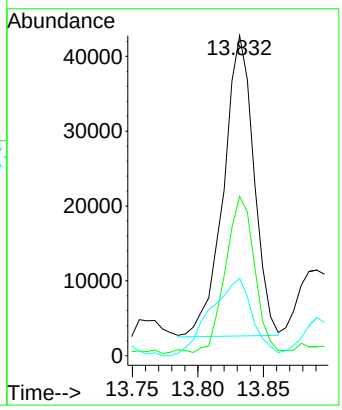




#89
n-Butylbenzene
Concen: 96.304 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD069935.D
Acq: 30 Jul 2021 13:35

Tgt Ion: 91 Resp: 64440

Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.7
134	35.6	11.9	35.7



Instrument :
MSVOA_D
ClientSampleId :
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