Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033120\
Data File : VD065563.D
Acq On : 31 Mar 2020 13:52
Operator : VA/SY
Sample : L1758-01
Misc : 7.27G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 01 05:54:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.99	168	437845	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	824802	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	788336	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	399785	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.34	65	246537	67.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 135.28%				
35) Dibromofluoromethane	7.92	113	287189	56.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.82%				
50) Toluene-d8	10.35	98	996436	52.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.26%				
62) 4-Bromofluorobenzene	12.64	95	350213	57.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	947	Below Cal		#	42
3) Chloromethane	2.21	50	1054	Below Cal			91
5) Bromomethane	2.79	94	1194	Below Cal			83
16) Acetone	4.16	43	1622	2.359	ug/l	#	40
20) Methylene Chloride	4.97	84	18151	Below Cal			93
31) Cyclohexane	7.98	56	8991	1.312	ug/l	#	1
38) Carbon Tetrachloride	7.99	117	40293	5.077	ug/l	#	16
56) Ethyl methacrylate	10.68	69	72	3.307	ug/l	#	1
68) m/p-Xylenes	11.86	106	22231	2.181	ug/l		98
69) o-Xylene	12.18	106	27236	3.051	ug/l		97
76) 1,2,3-Trichloropropane	12.64	75	169801	55.245	ug/l	#	100
78) n-propylbenzene	12.83	91	86646	2.961	ug/l		98
79) 2-Chlorotoluene	12.89	91	40670	2.436	ug/l	#	39
80) 1,3,5-Trimethylbenzene	12.97	105	183624	9.025	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.64	75	169801	123.318	ug/l	#	13
83) tert-Butylbenzene	13.28	119	100713	5.910	ug/l	#	70
84) 1,2,4-Trimethylbenzene	13.28	105	783373	38.511	ug/l		100
85) sec-Butylbenzene	13.41	105	68138	2.794	ug/l		89
86) p-Isopropyltoluene	13.53	119	55215	2.457	ug/l		98
89) n-Butylbenzene	13.86	91	138419	6.783	ug/l	#	78
90) Hexachloroethane	14.13	117	39616	8.407	ug/l	#	6
92) 1,2-Dibromo-3-Chloropropan	14.53	75	1307	2.035	ug/l	#	14
95) Naphthalene	15.41	128	172018	17.049	ug/l	#	95

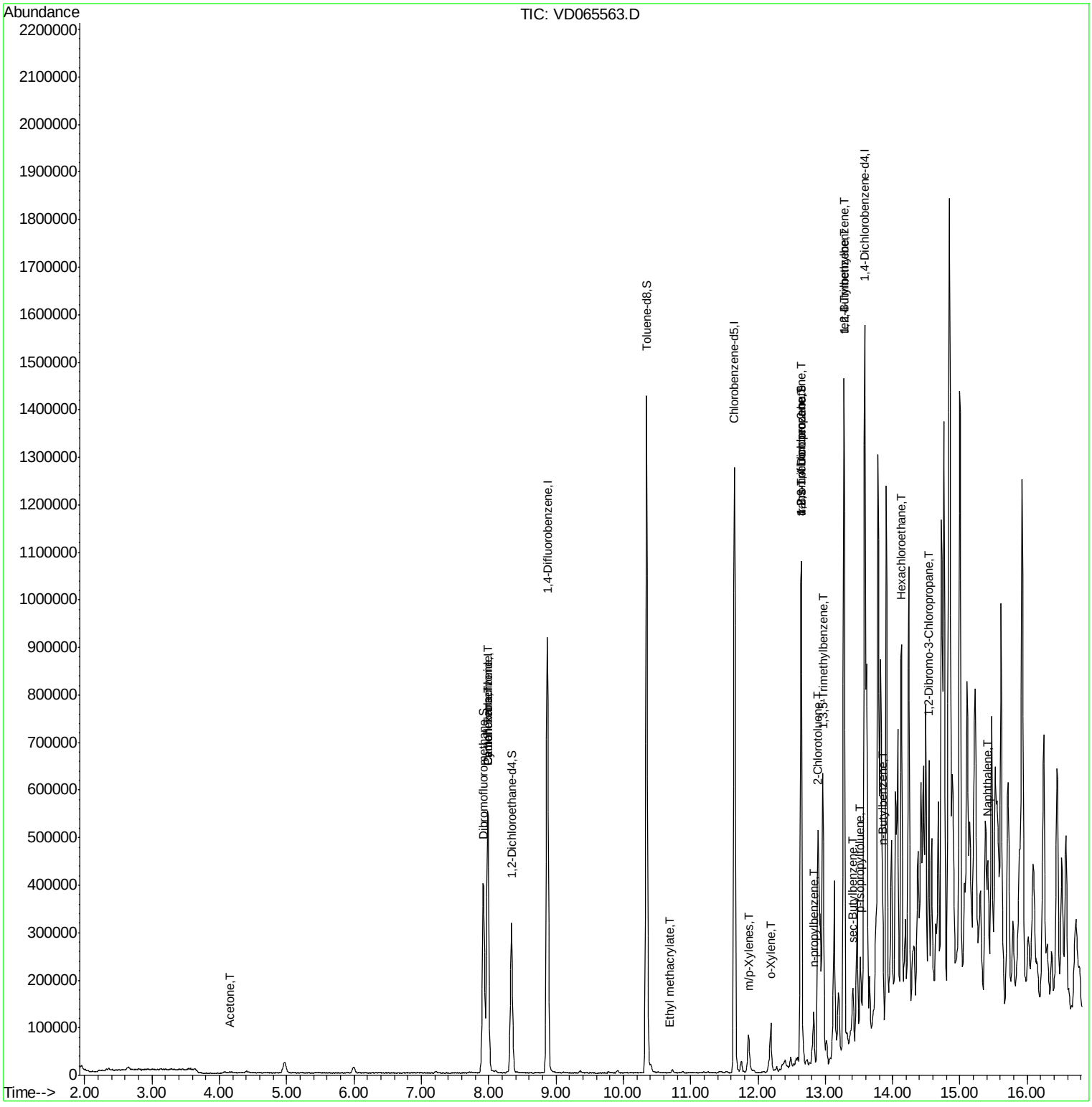
(#) = qualifier out of range (m) = manual integration (+) = signals summed

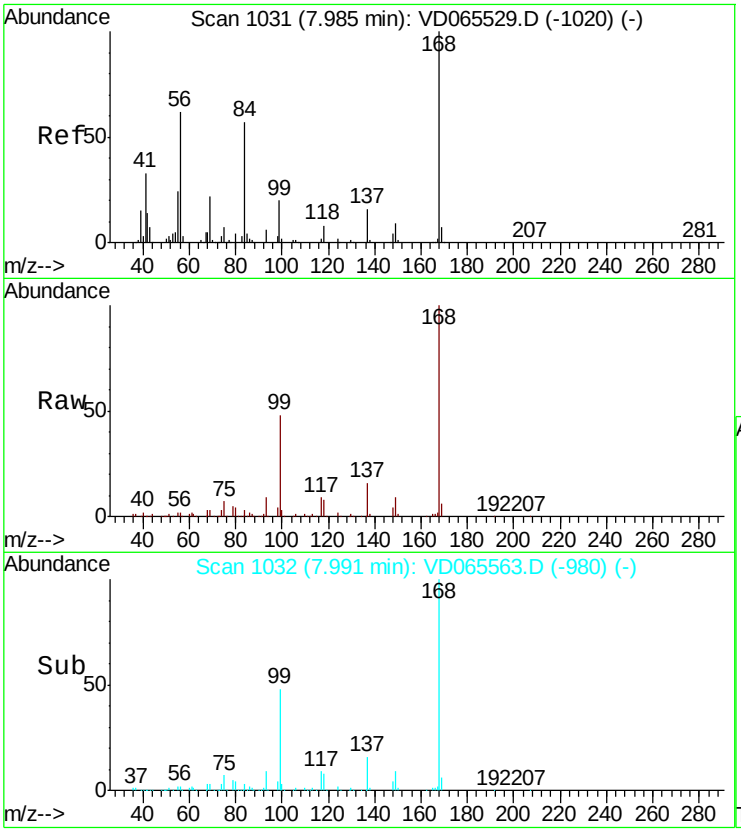
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033120\
Data File : VD065563.D
Acq On : 31 Mar 2020 13:52
Operator : VA/SY
Sample : L1758-01
Misc : 7.27G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 01 05:54:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration



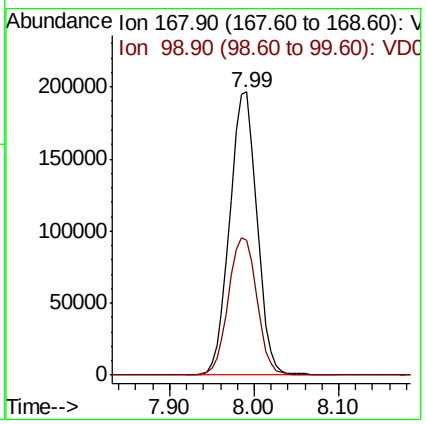


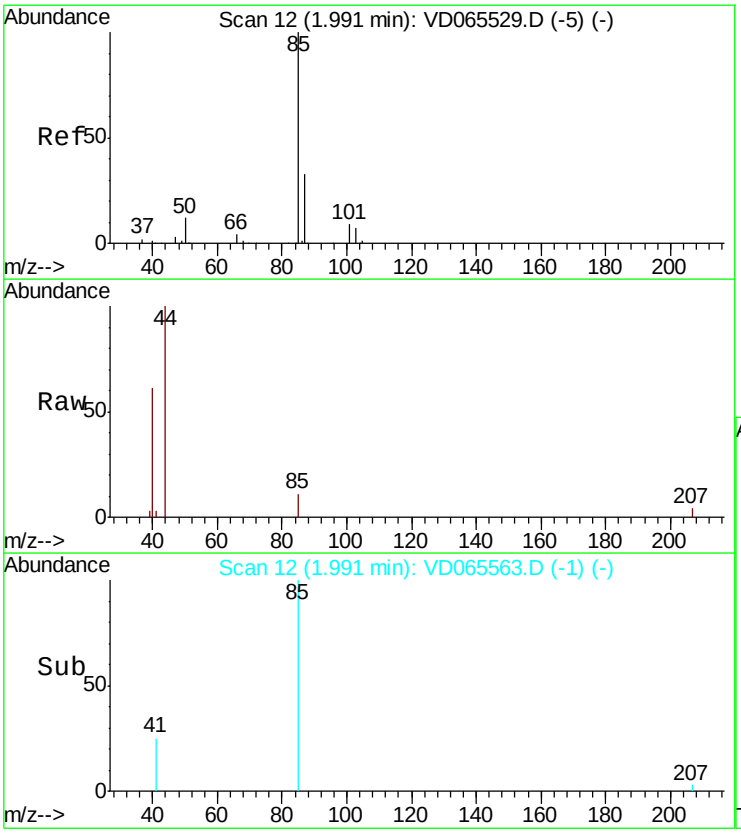
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 437845

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.1	58.7

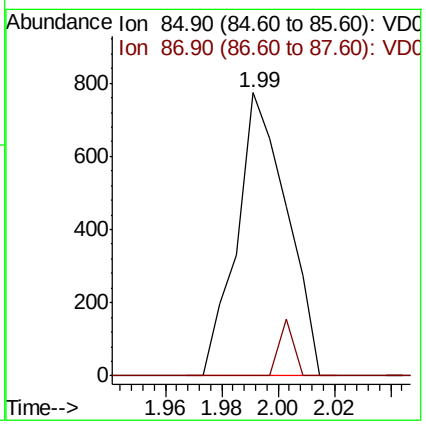


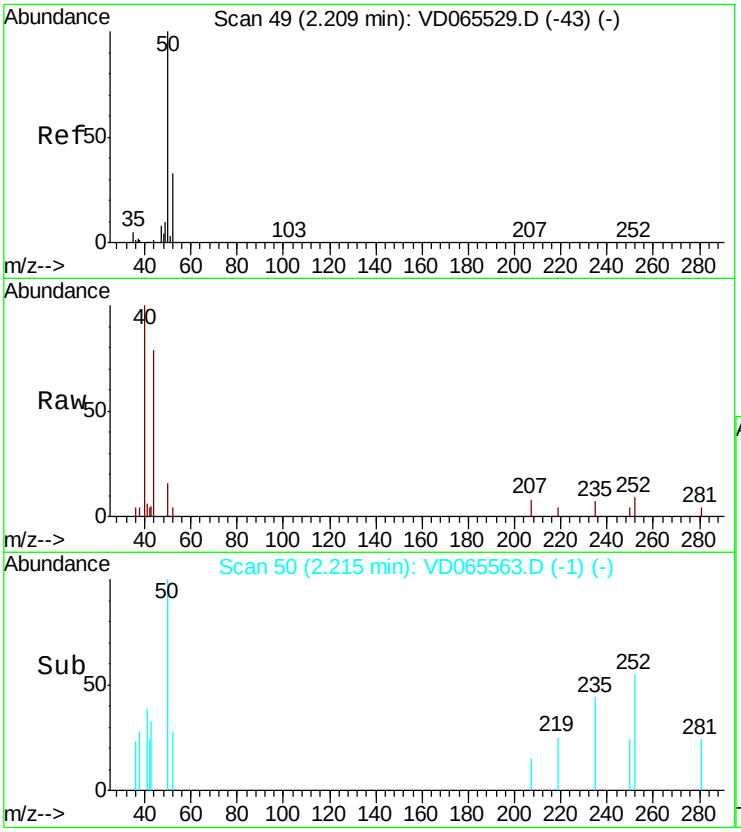


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 85 Resp: 947

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.2#



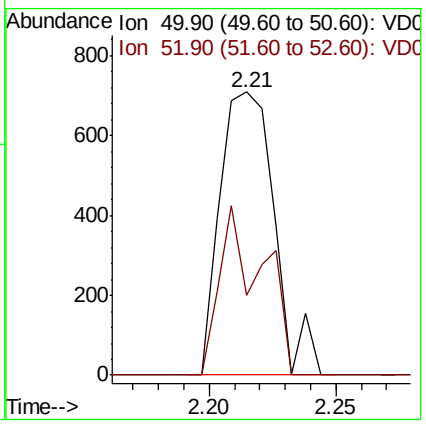


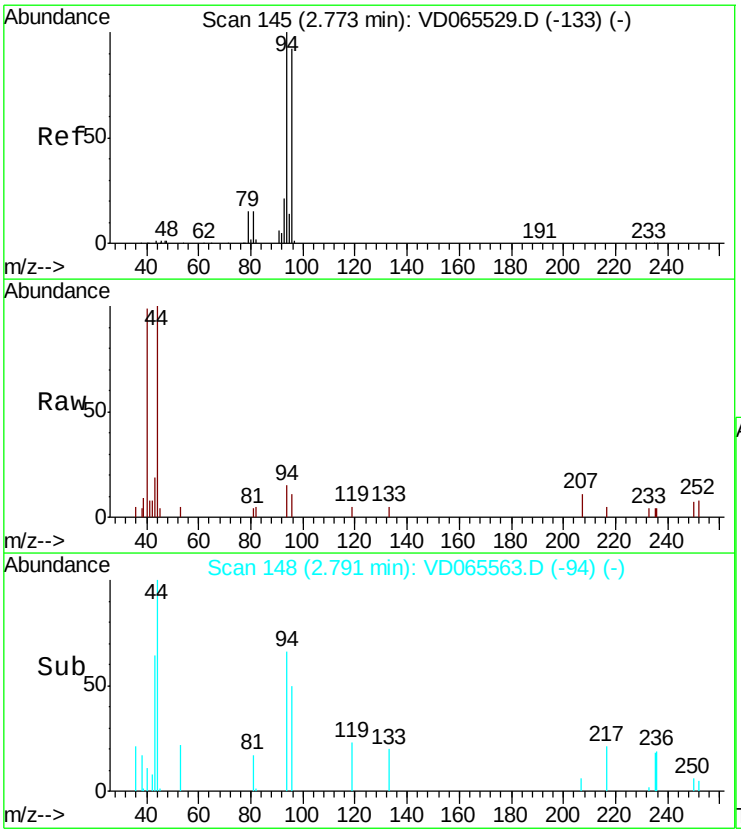
#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 50
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 1054

Ion	Ratio	Lower	Upper
50	100		
52	28.1	26.3	39.5

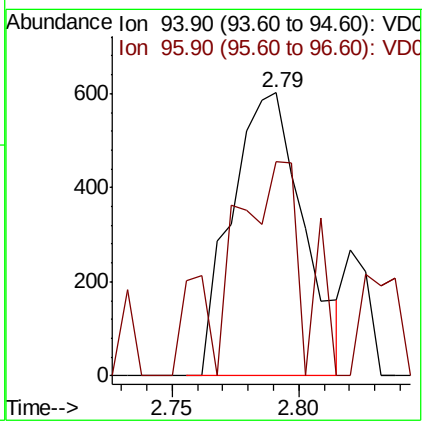


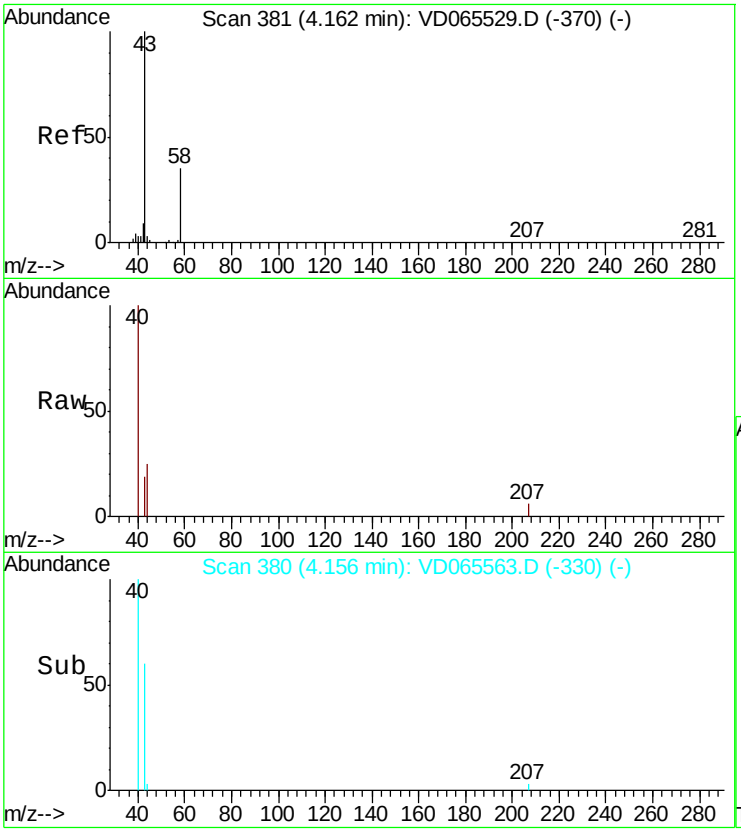


#5
Bromomethane
Concen: Below Cal
RT: 2.79 min Scan# 148
Delta R.T. 0.02 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 94 Resp: 1194

Ion	Ratio	Lower	Upper
94	100		
96	75.7	73.4	110.2



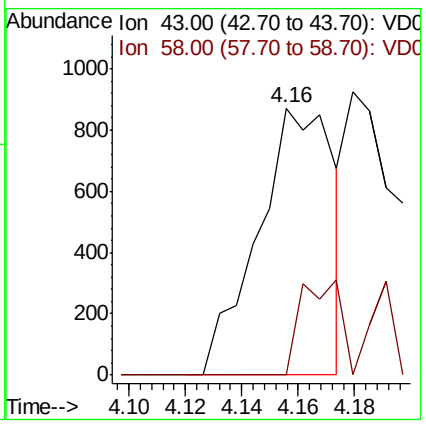


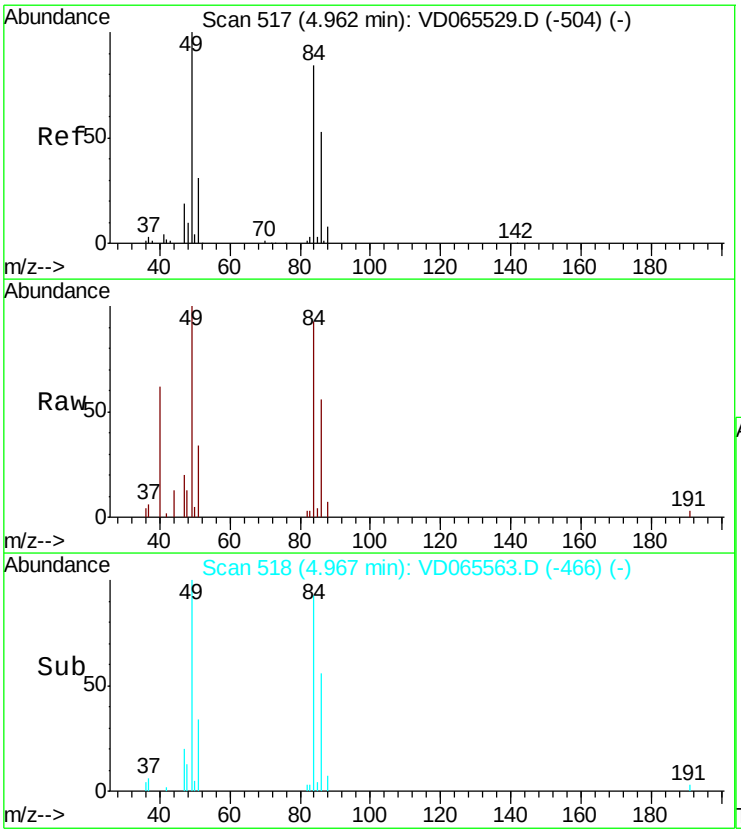
#16
Acetone
Concen: 2.359 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1622

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#

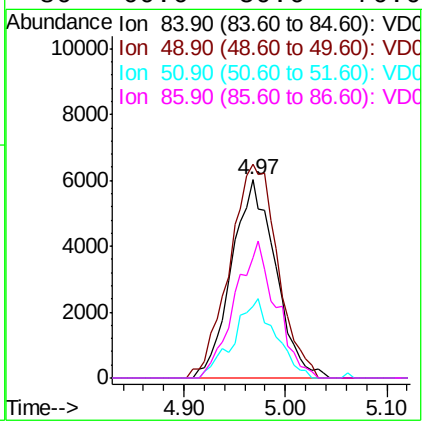


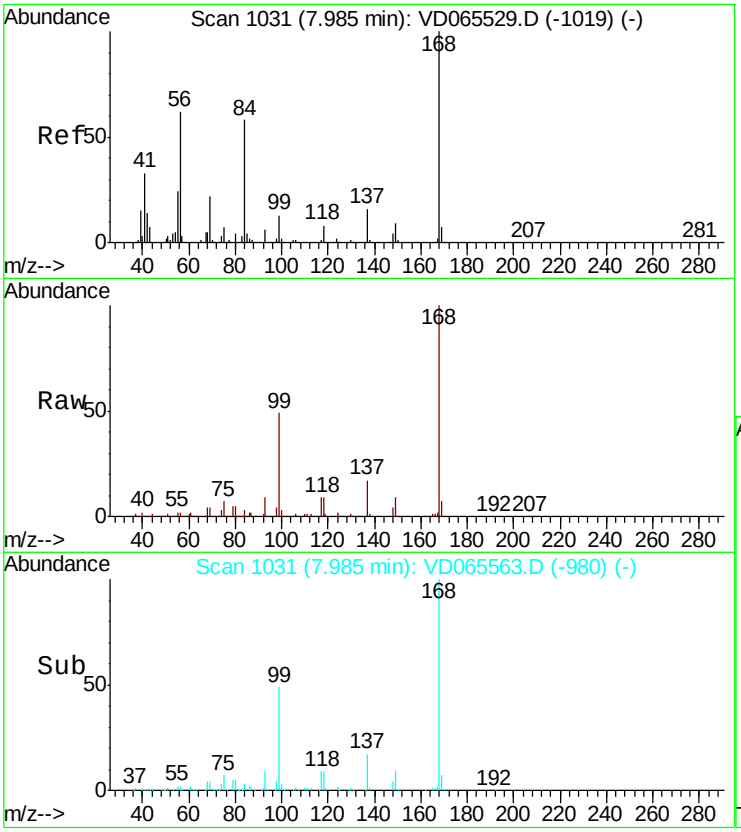


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 84 Resp: 18151

Ion	Ratio	Lower	Upper
84	100		
49	107.8	95.6	143.4
51	36.1	29.4	44.2
86	60.6	50.6	76.0



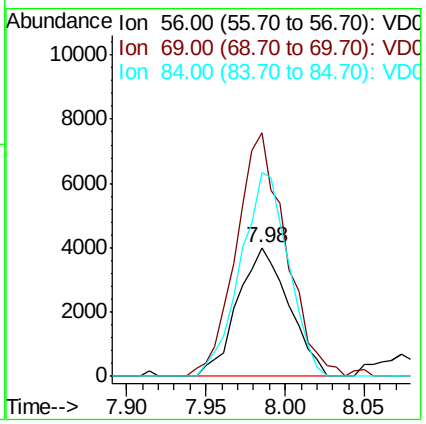


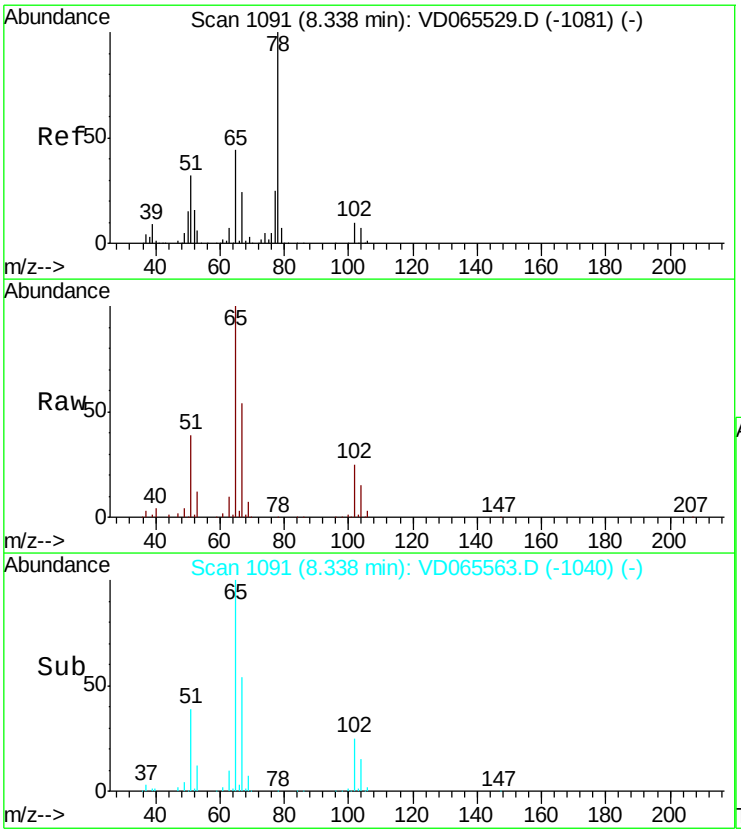
#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 8991

Ion	Ratio	Lower	Upper
56	100		
69	189.1	28.2	42.4#
84	158.9	73.4	110.0#

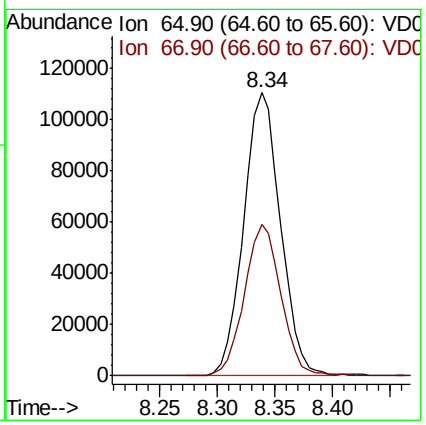


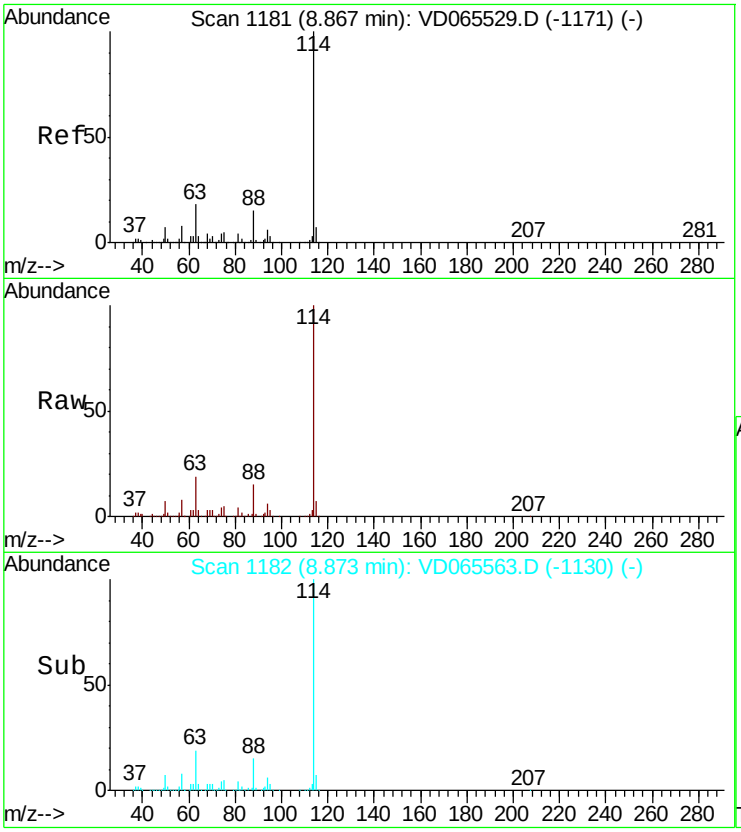


#33
1,2-Dichloroethane-d4
Concen: 67.642 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 65 Resp: 246537

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.6



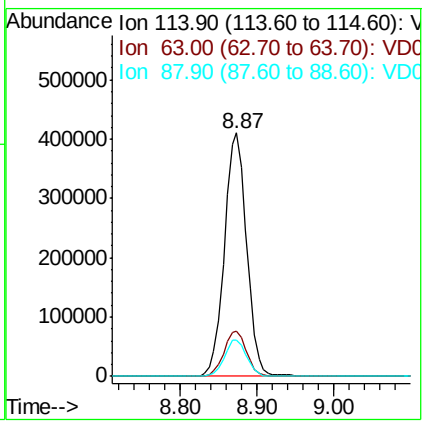


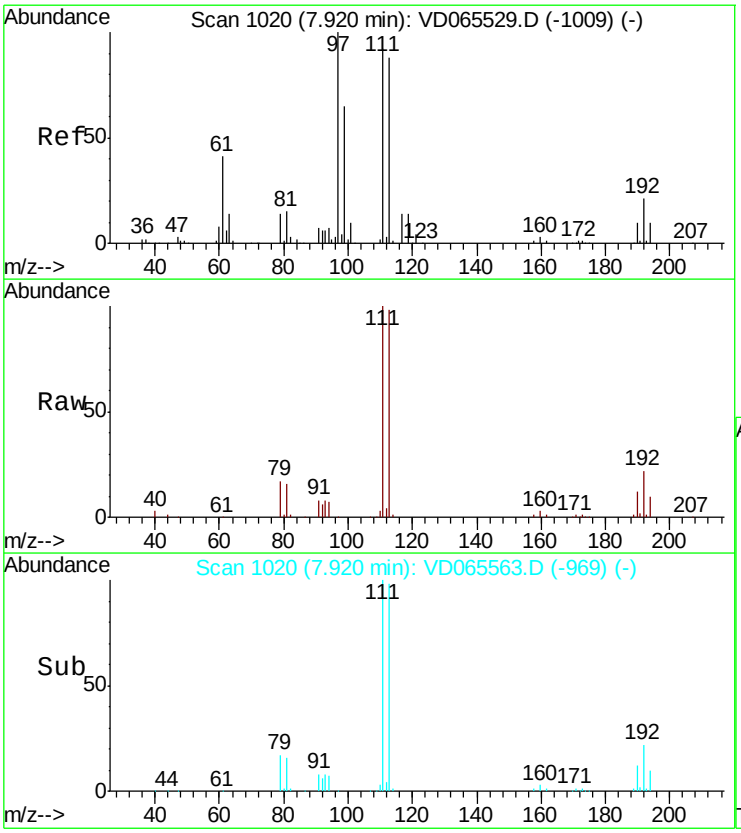
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 824802

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.0
88	14.7	0.0	30.4

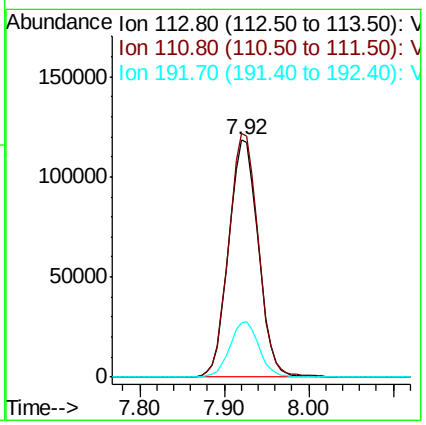


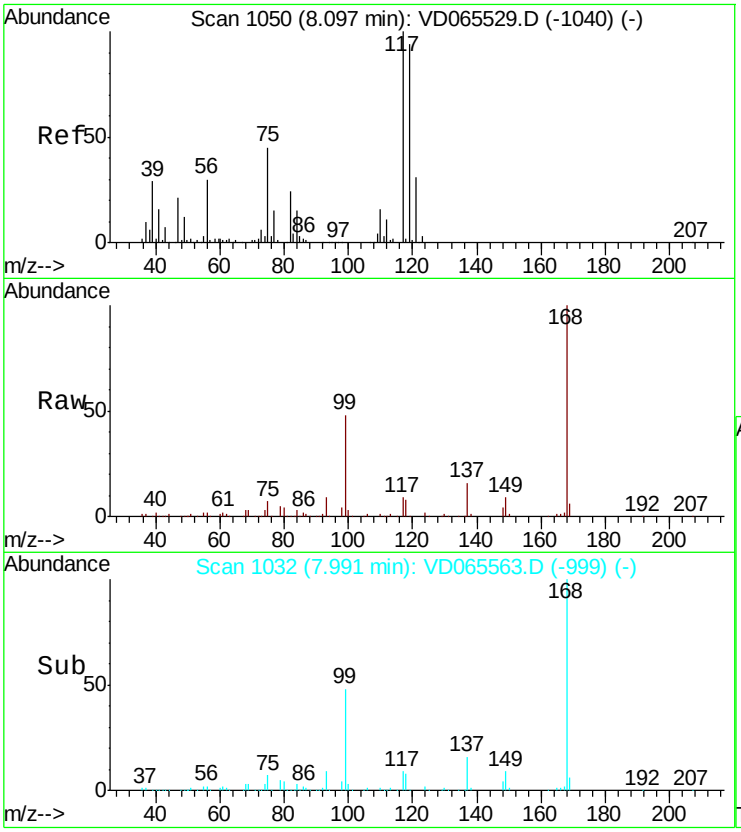


#35
Dibromofluoromethane
Concen: 56.411 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:113 Resp: 287189

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	22.7	18.5	27.7



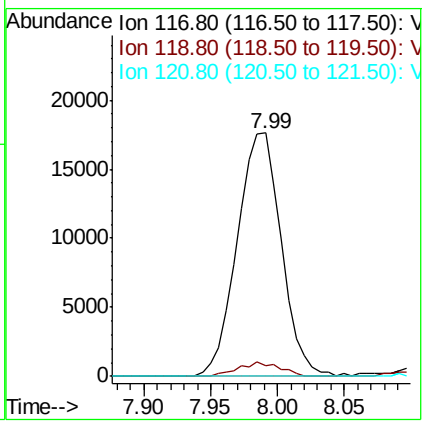


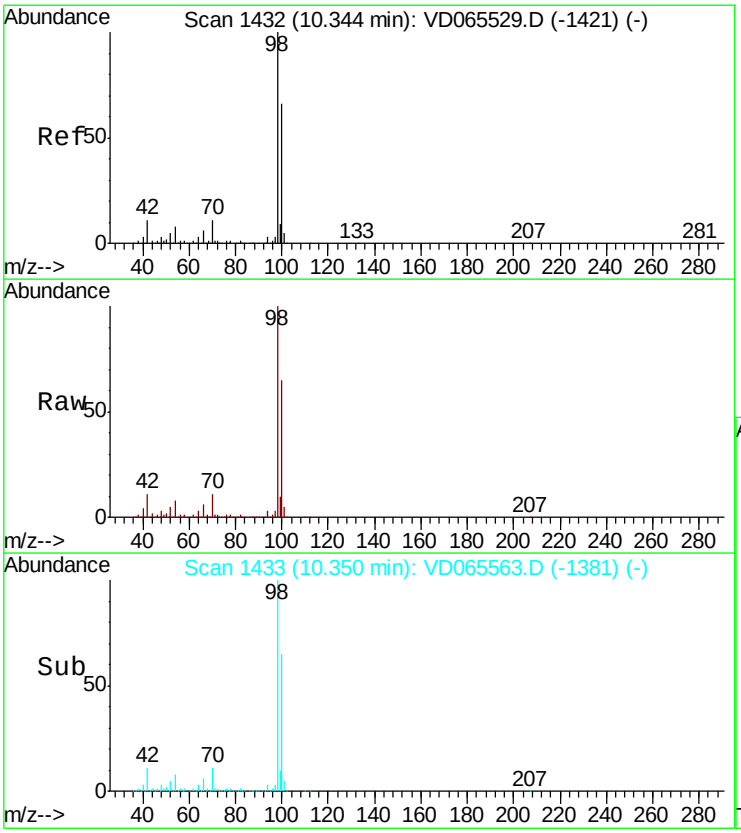
#38
Carbon Tetrachloride
Concen: 5.077 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.11 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 40293

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	24.5	36.7#

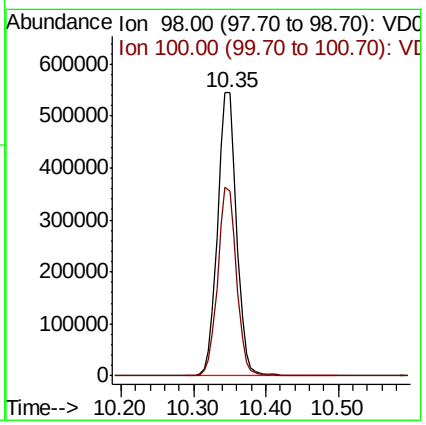


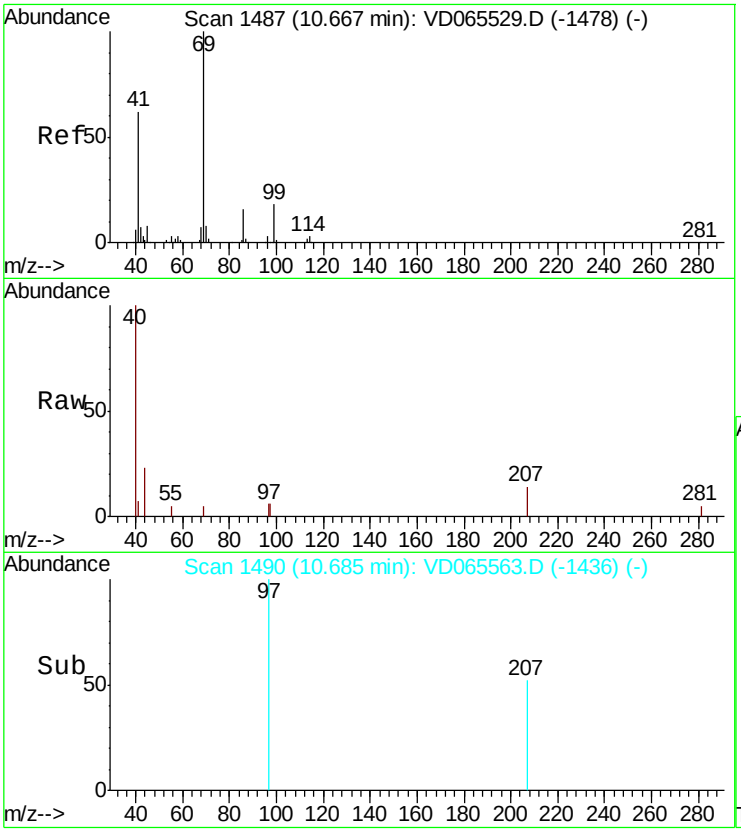


#50
Toluene-d8
Concen: 52.133 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 98 Resp: 996436

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2



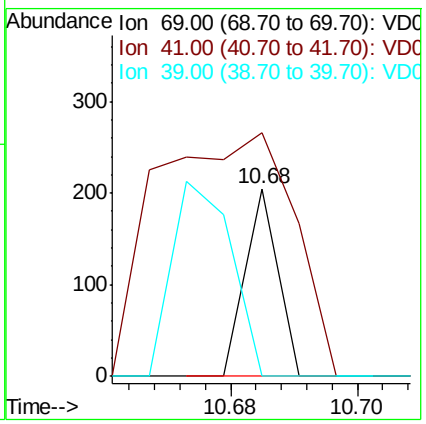


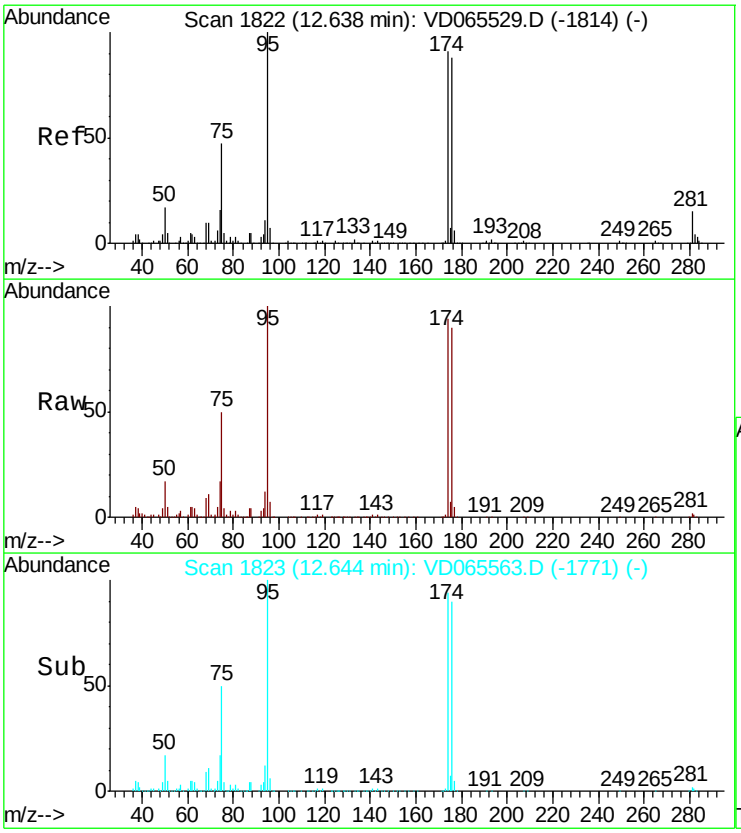
#56
Ethyl methacrylate
Concen: 3.307 ug/l
RT: 10.68 min Scan# 1490
Delta R.T. 0.02 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 69 Resp: 72

Ion	Ratio	Lower	Upper
69	100		
41	555.6	51.3	76.9#
39	191.7	25.3	37.9#

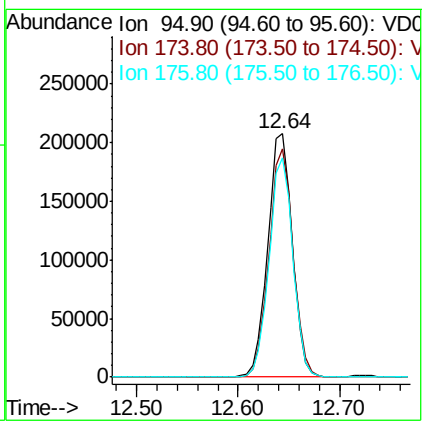


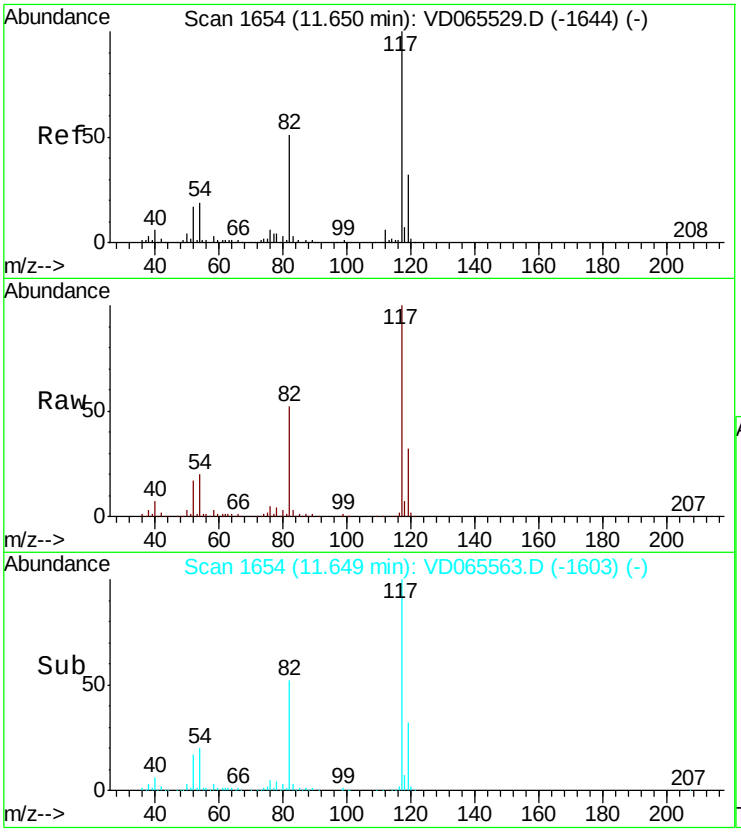


#62
4-Bromofluorobenzene
Concen: 57.730 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 95 Resp: 350213

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	183.8
176	87.4	0.0	178.2



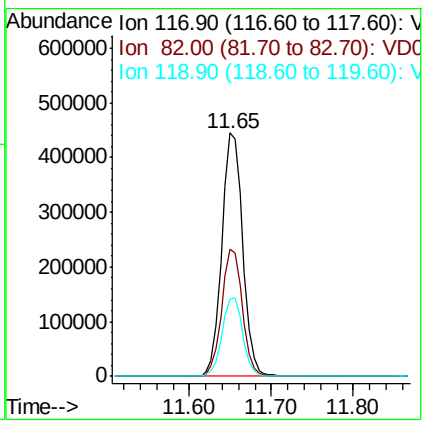


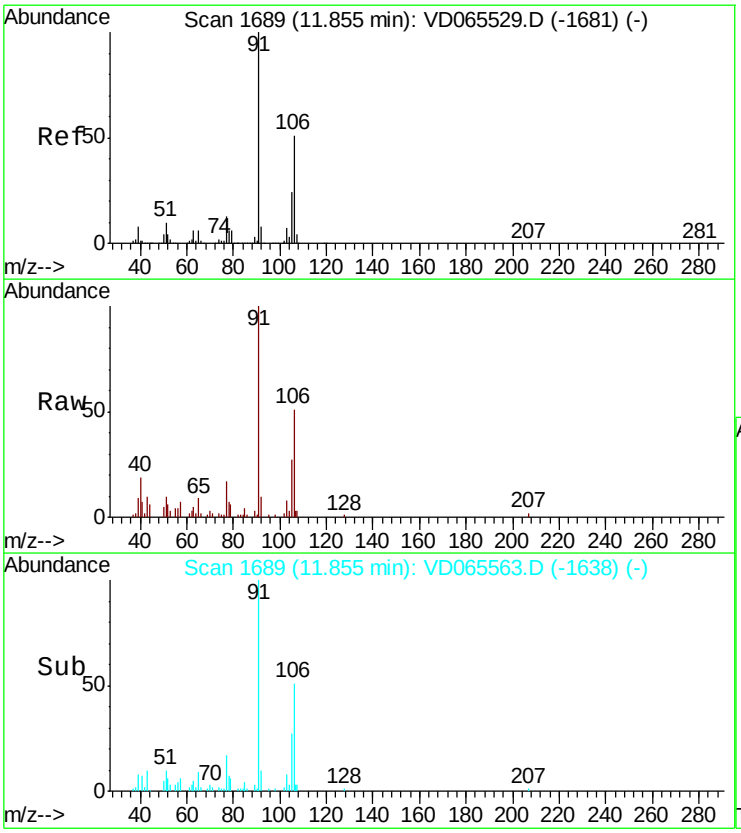
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 788336

Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.0	61.6
119	31.9	25.5	38.3

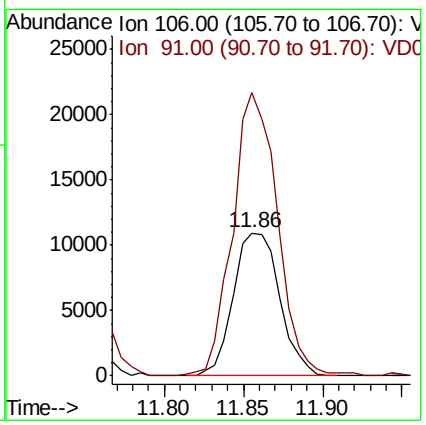


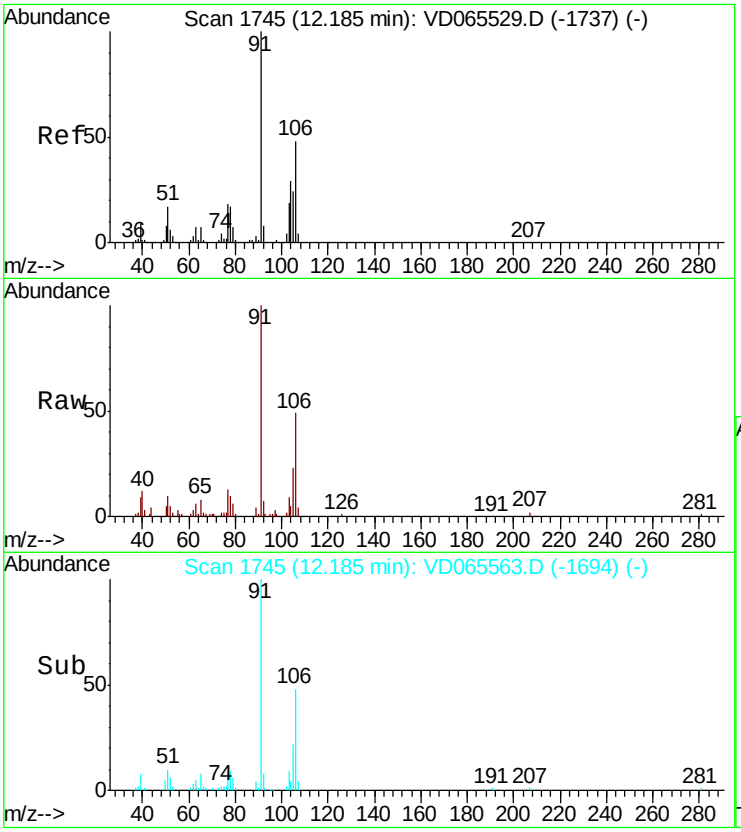


#68
m/p-Xylenes
Concen: 2.181 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:106 Resp: 22231

Ion	Ratio	Lower	Upper
106	100		
91	191.7	155.4	233.0



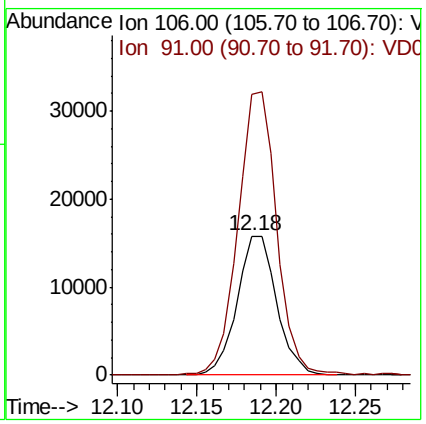


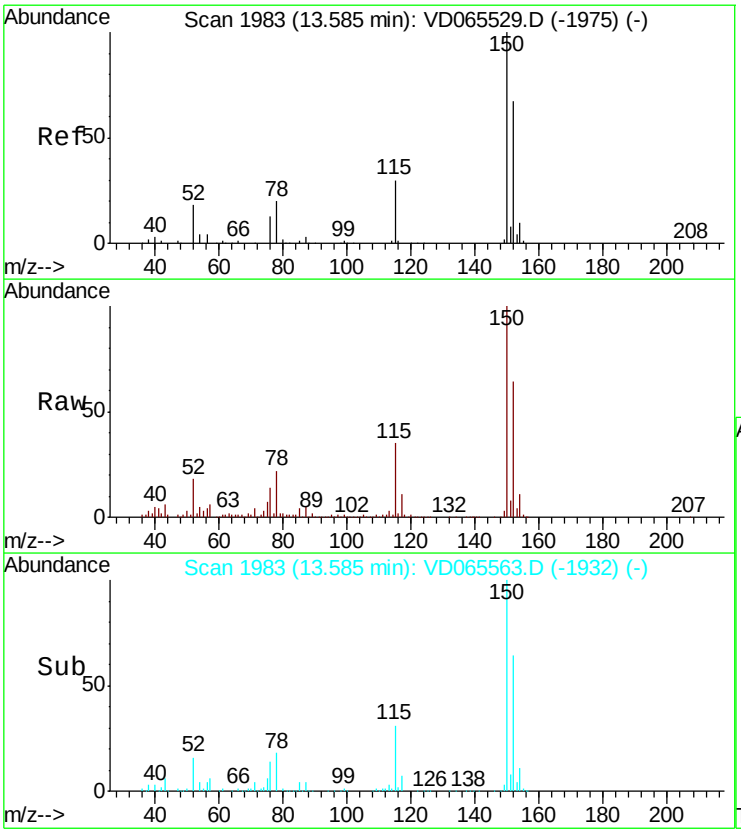
#69
o-Xylene
Concen: 3.051 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 27236

Ion	Ratio	Lower	Upper
106	100		
91	200.4	102.8	308.4

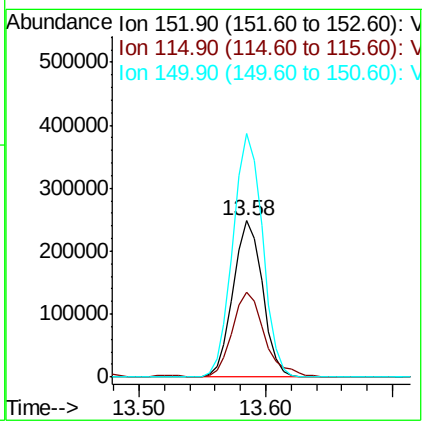


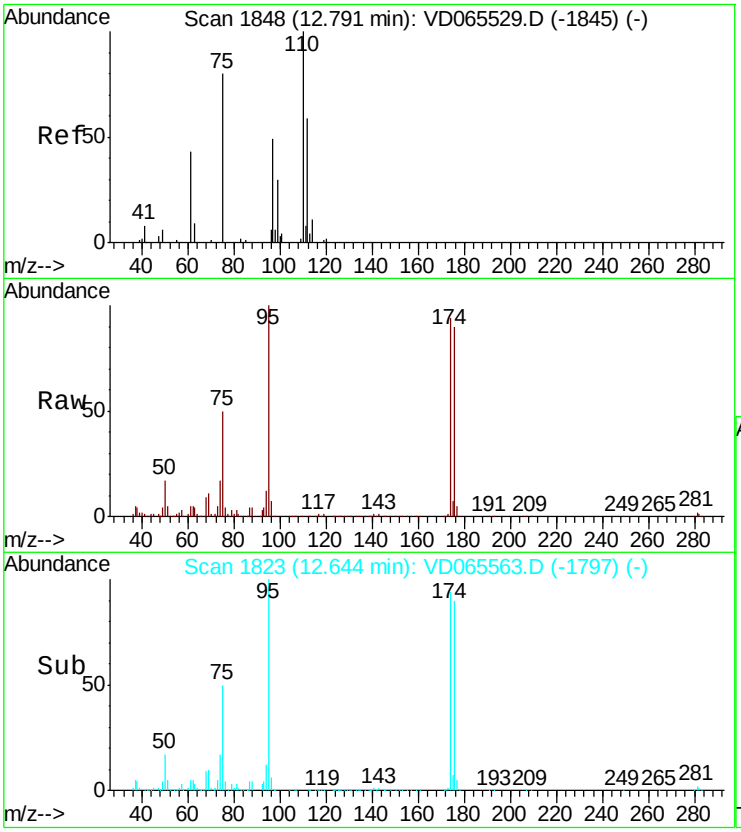


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:152 Resp: 399785

Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.2	81.6
150	156.9	0.0	340.2



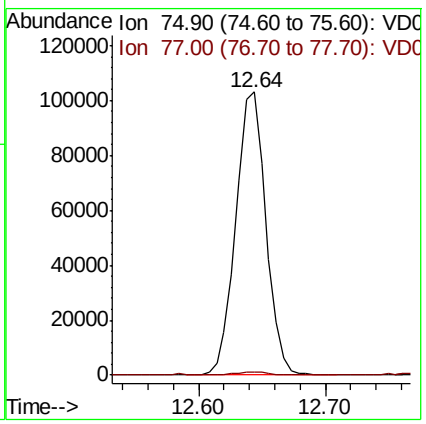


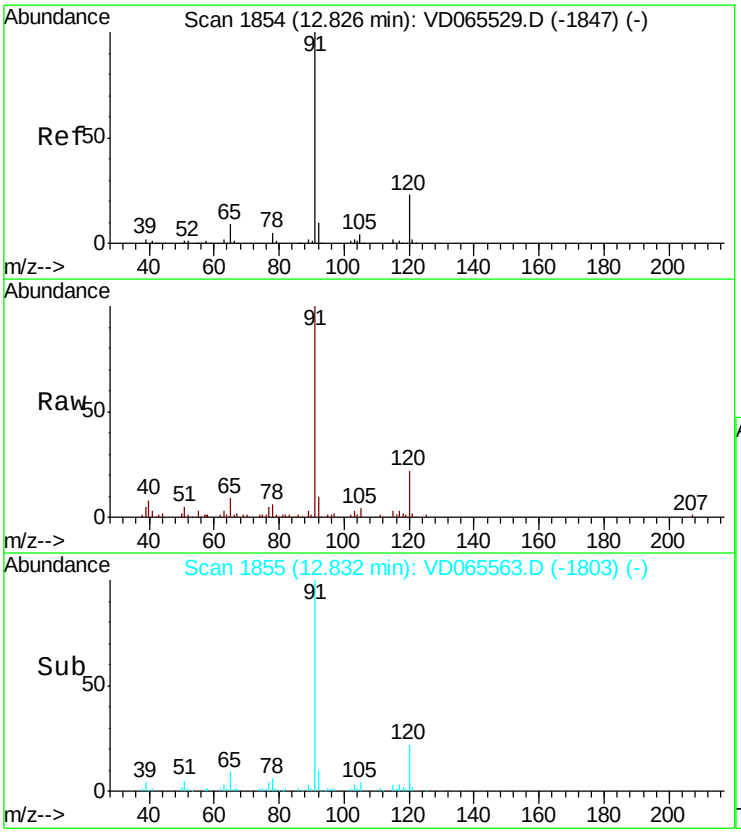
#76
1,2,3-Trichloropropane
Concen: 55.245 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 169801

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

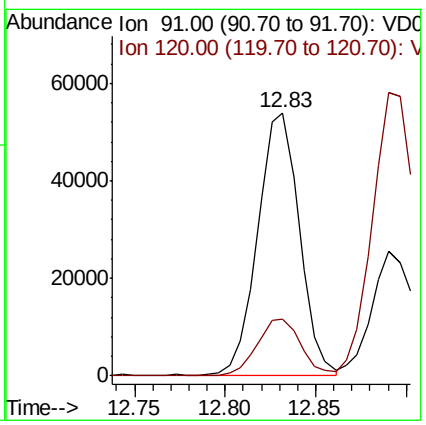


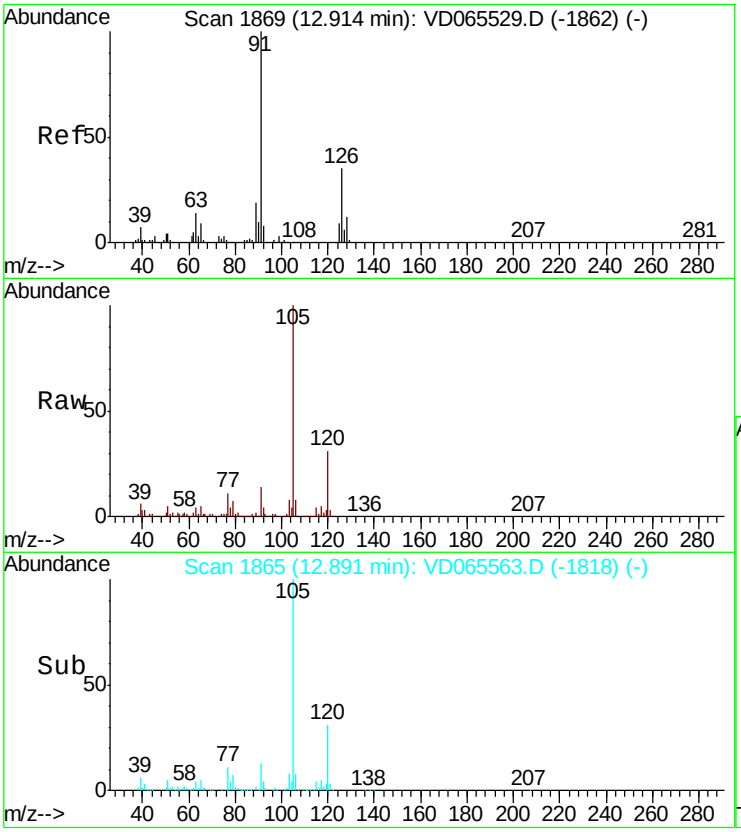


#78
n-propylbenzene
Concen: 2.961 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 91 Resp: 86646

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.4



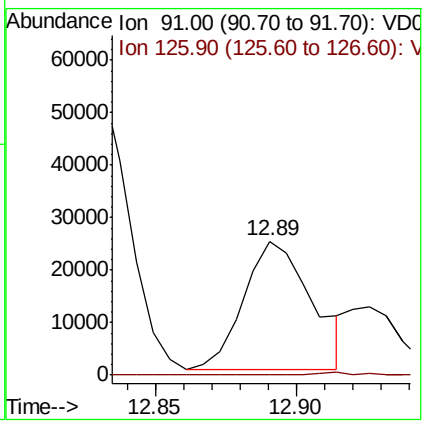


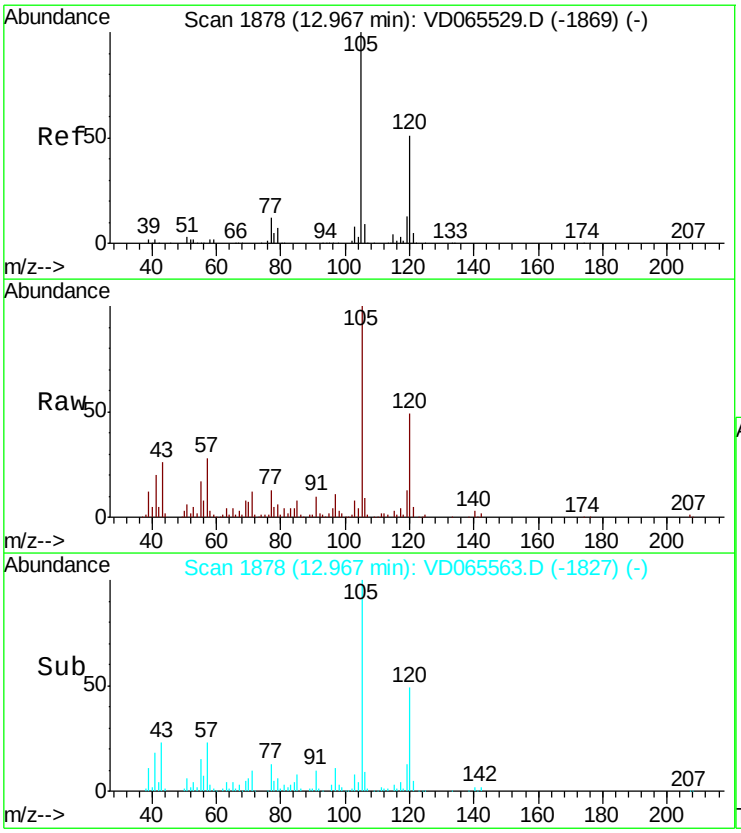
#79
2-Chlorotoluene
Concen: 2.436 ug/l
RT: 12.89 min Scan# 1865
Delta R.T. -0.02 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 40670

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.8	53.4#

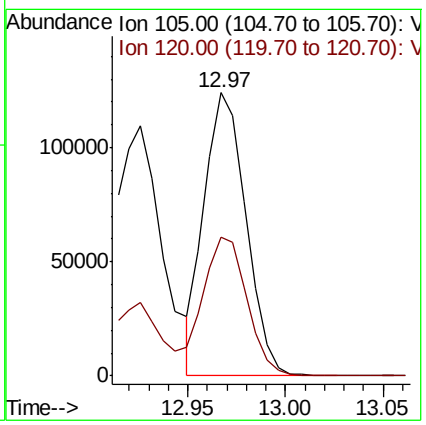


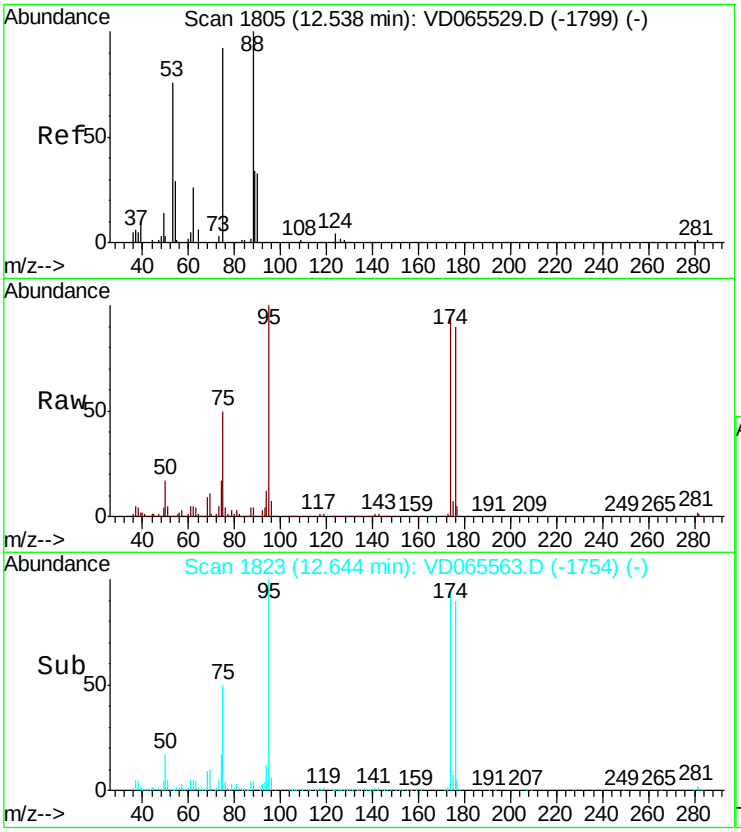


#80
1,3,5-Trimethylbenzene
Concen: 9.025 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:105 Resp: 183624

Ion	Ratio	Lower	Upper
105	100		
120	52.8	25.6	76.6



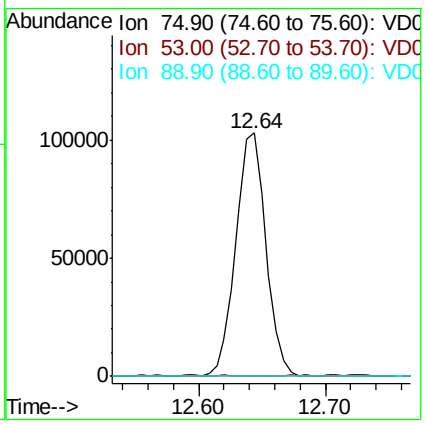


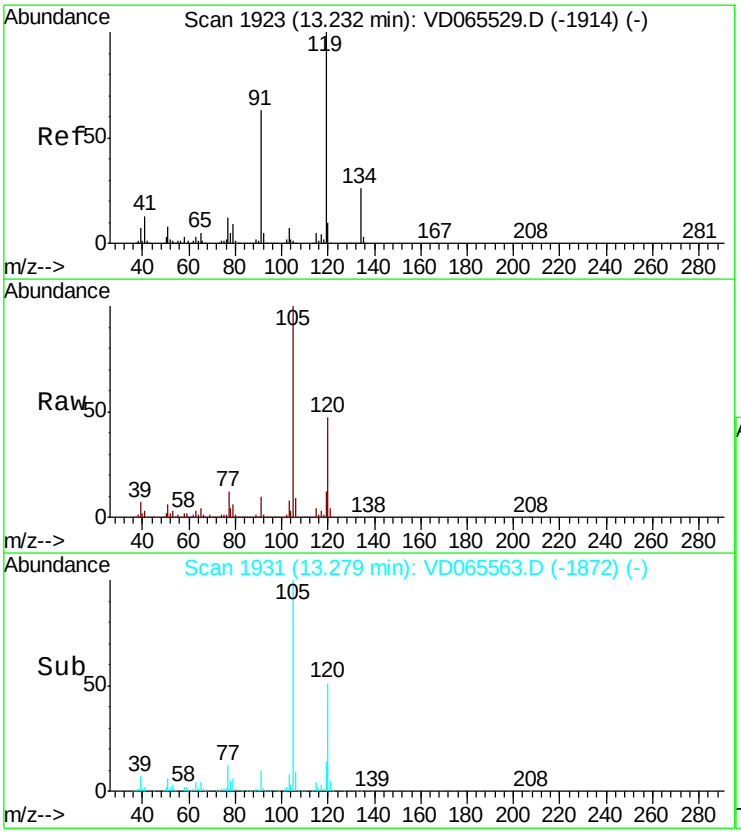
#81
trans-1,4-Dichloro-2-butene
Concen: 123.318 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.11 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 169801

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.4	108.6#
89	0.0	36.9	55.3#

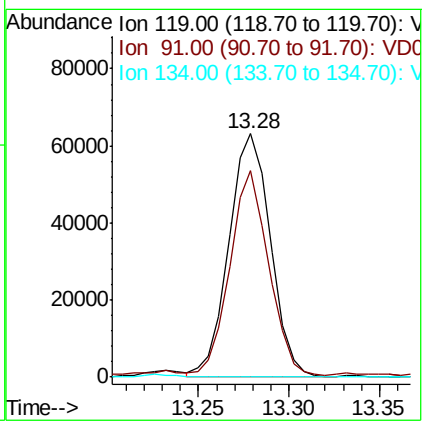


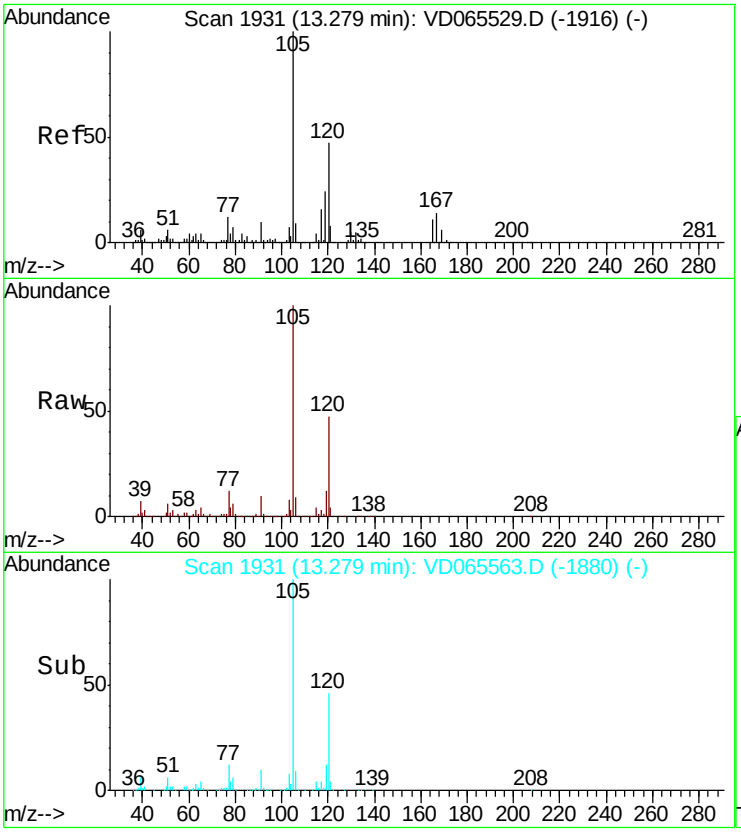


#83
tert-Butylbenzene
Concen: 5.910 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.05 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:119 Resp: 100713

Ion	Ratio	Lower	Upper
119	100		
91	78.4	31.4	94.0
134	0.0	13.9	41.6#



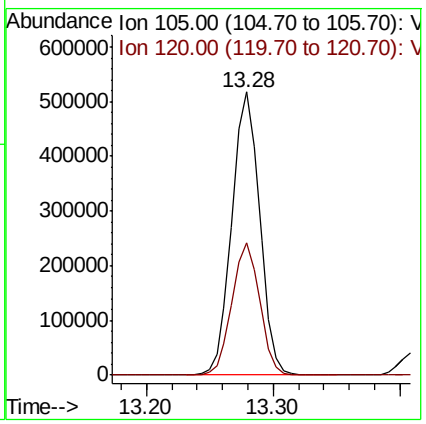


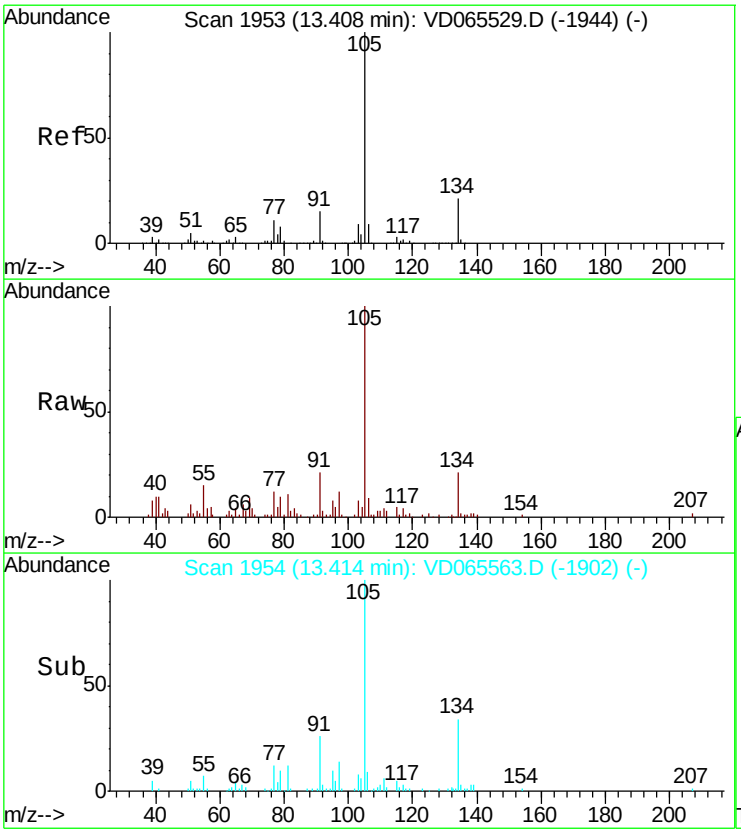
#84
1,2,4-Trimethylbenzene
Concen: 38.511 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 783373

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.5	70.5

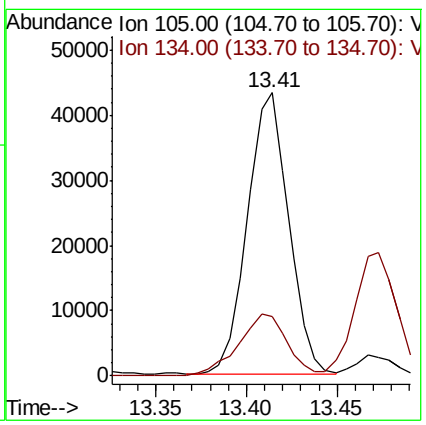


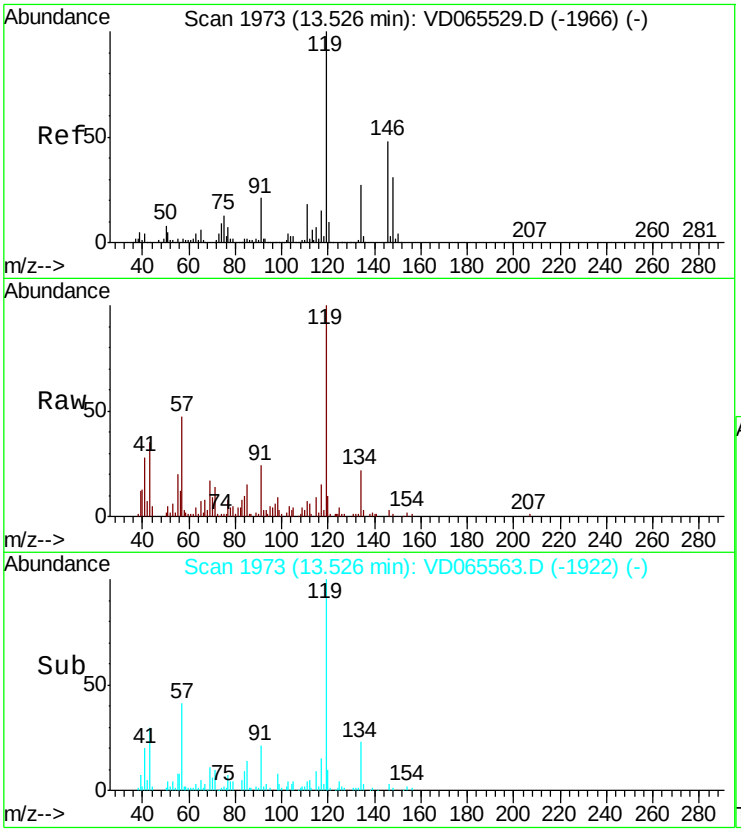


#85
sec-Butylbenzene
Concen: 2.794 ug/l
RT: 13.41 min Scan# 1954
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion:105 Resp: 68138

Ion	Ratio	Lower	Upper
105	100		
134	26.4	10.6	31.8



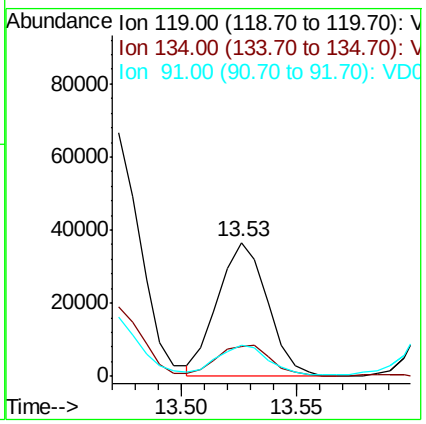


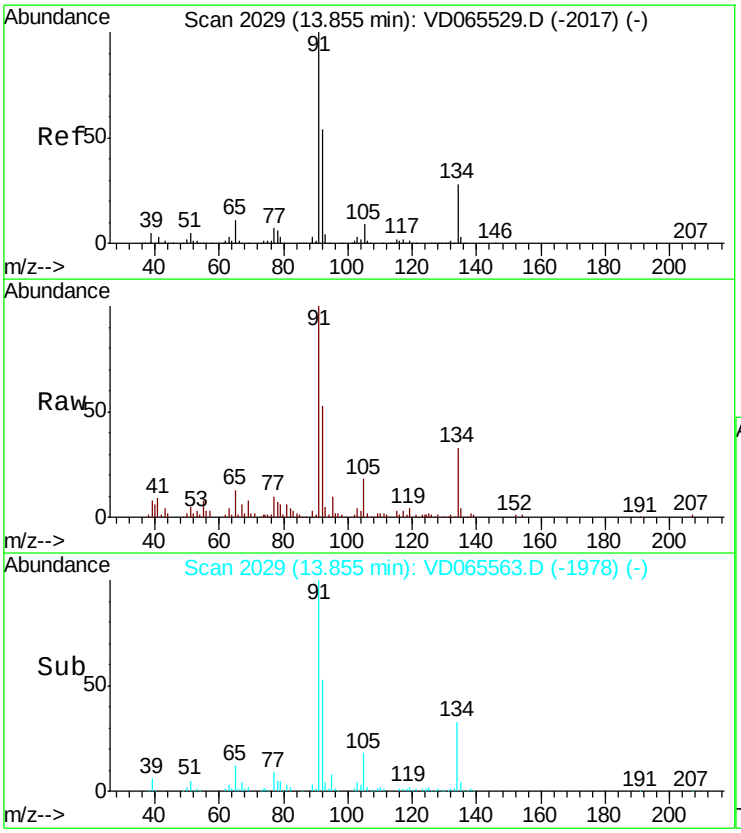
#86
p-Isopropyltoluene
Concen: 2.457 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 55215

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.5	40.5
91	22.1	10.8	32.3

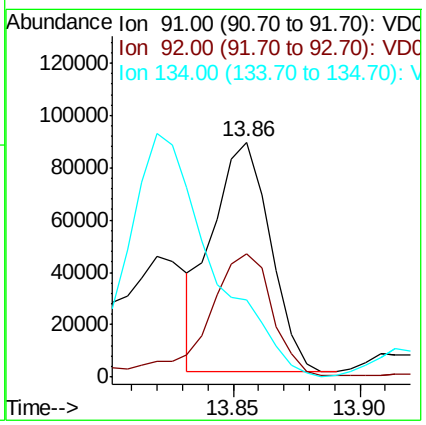


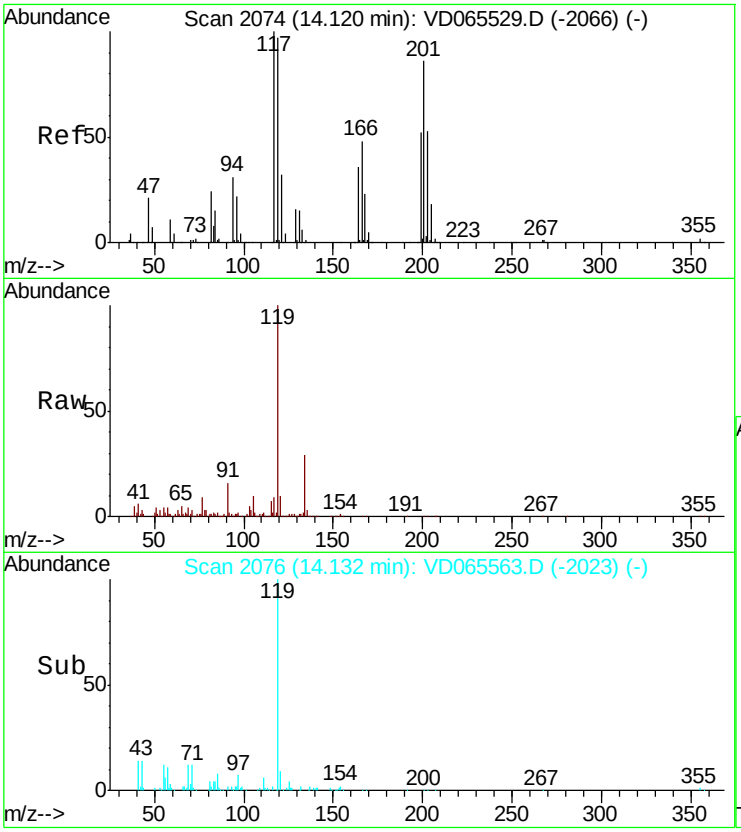


#89
n-Butylbenzene
Concen: 6.783 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 91 Resp: 138419

Ion	Ratio	Lower	Upper
91	100		
92	58.6	26.8	80.4
134	0.0	13.7	41.0#



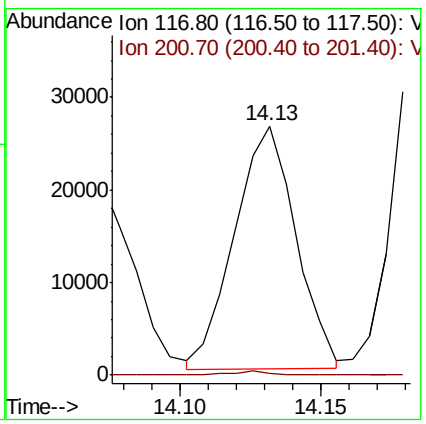


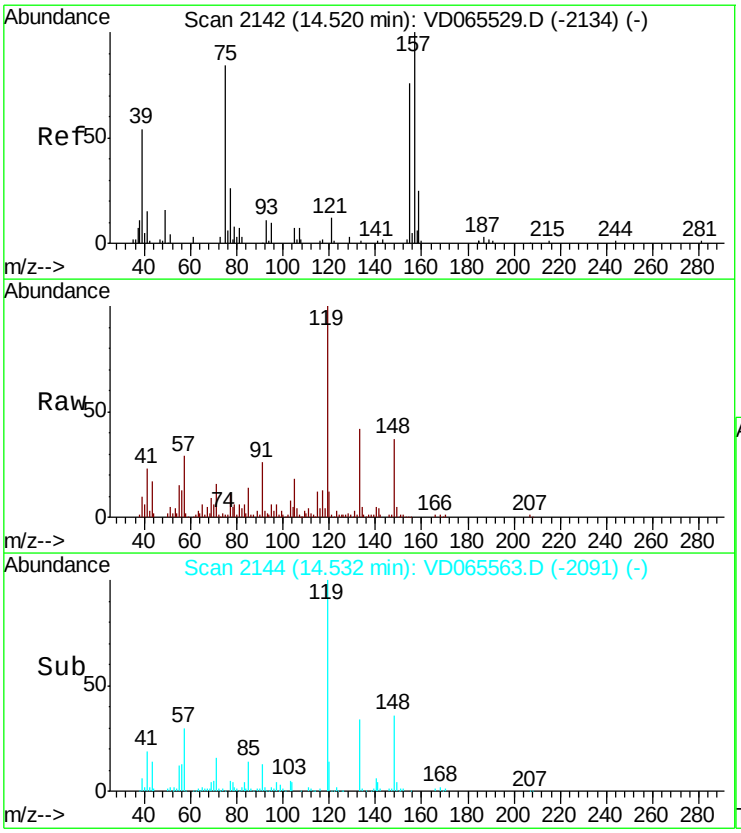
#90
Hexachloroethane
Concen: 8.407 ug/l
RT: 14.13 min Scan# 2076
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 39616

Ion	Ratio	Lower	Upper
117	100		
201	0.8	43.9	131.6#

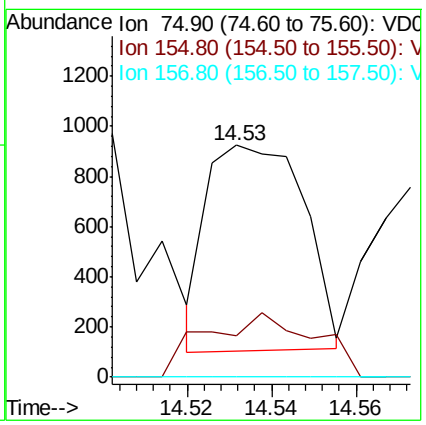


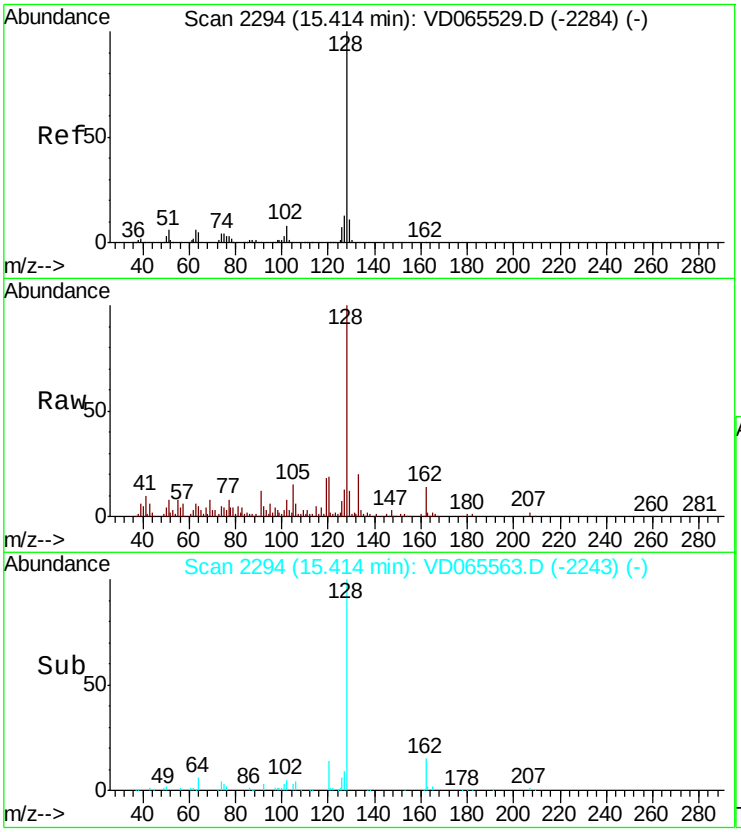


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.035 ug/l
RT: 14.53 min Scan# 2144
Delta R.T. 0.01 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Tgt Ion: 75 Resp: 1307

Ion	Ratio	Lower	Upper
75	100		
155	34.9	46.2	138.6#
157	0.0	57.9	173.7#





#95
Naphthalene
Concen: 17.049 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065563.D
Acq: 31 Mar 2020 13:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 172018

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	8.7	8.7	13.1#