Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD053119\
Data File : VD062575.D
Acq On : 31 May 2019 20:25
Operator : VA/AP
Sample : K3104-10RE
Misc : 6.64g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RBR-251-688RE

Quant Time: May 31 23:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	7482	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	10312	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	7473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	2652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	6093	69.45	ug/l	-0.02
Spiked Amount 50.000			Recovery = 138.90%			
35) Dibromofluoromethane	6.94	113	2690	28.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.26%			
50) Toluene-d8	10.43	98	5698	27.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 55.36%			
62) 4-Bromofluorobenzene	13.57	95	2511	27.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 54.08%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	1100	10.053	ug/l #	43
4) Vinyl Chloride	2.00	62	181	2.731	ug/l #	42
5) Bromomethane	2.16	94	865	40.184	ug/l #	12
6) Chloroethane	2.16	64	310	9.973	ug/l #	26
10) Methyl Iodide	3.35	142	825	8.789	ug/l #	92
15) Acrylonitrile	4.18	53	203	22.694	ug/l #	11
16) Acetone	3.22	43	295	17.114	ug/l #	60
17) Carbon Disulfide	3.27	76	246	1.293	ug/l #	74
38) Carbon Tetrachloride	7.05	117	213	1.394	ug/l #	15
49) 1,4-Dioxane	9.13	88	223	765.289	ug/l #	38
55) 1,1,2-Trichloroethane	11.24	97	861	19.083	ug/l #	16
67) Ethyl Benzene	12.53	91	511	1.916	ug/l #	47
68) m/p-Xylenes	12.67	106	309	3.349	ug/l	93
74) N-amyl acetate	13.23	43	186	4.172	ug/l #	51
80) 1,3,5-Trimethylbenzene	13.94	105	242	1.620	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1916	210.163	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.25	105	483	3.173	ug/l #	58
85) sec-Butylbenzene	14.25	105	483	2.735	ug/l #	60
95) Naphthalene	16.13	128	284	3.731	ug/l #	71

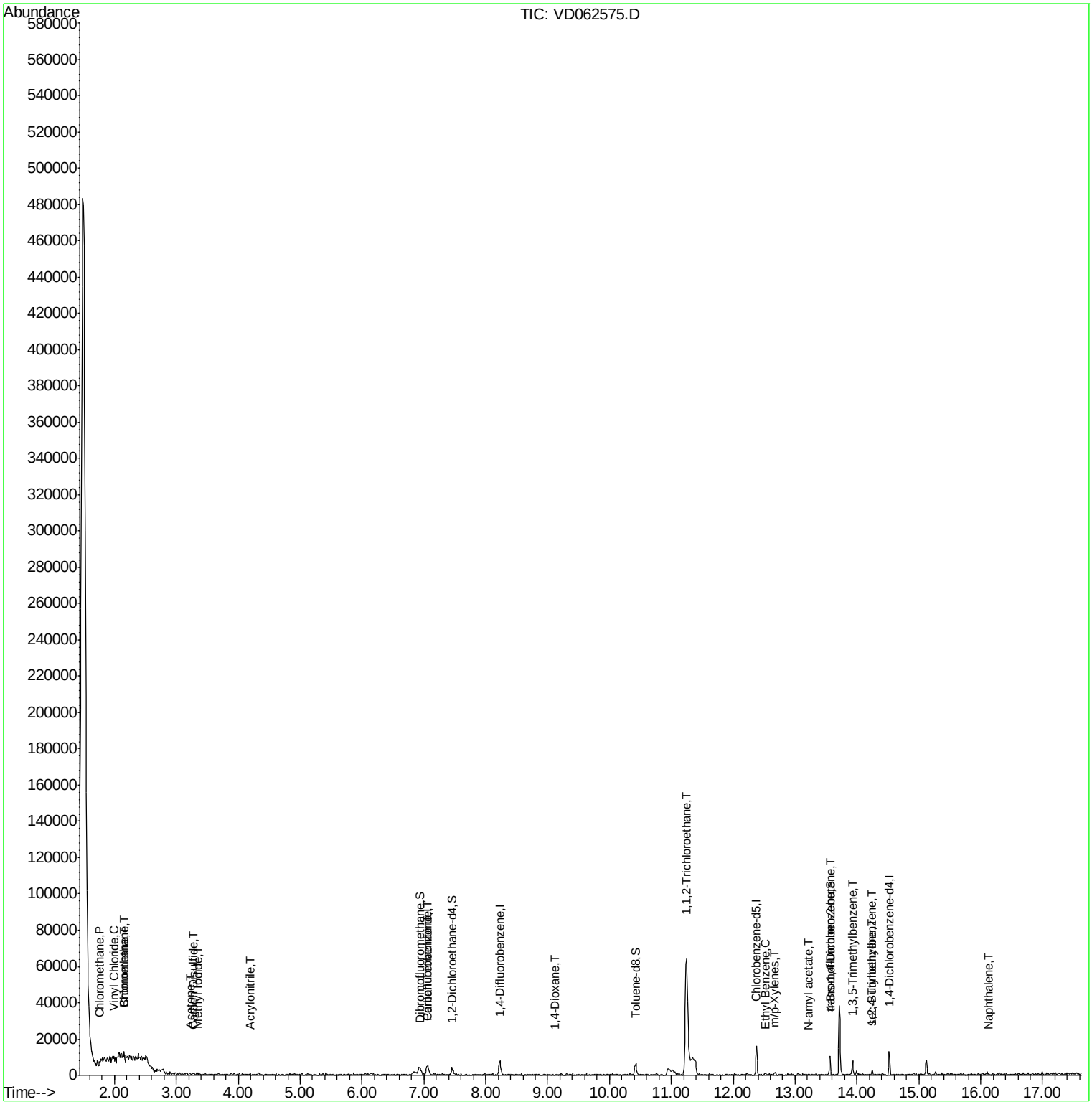
(#) = qualifier out of range (m) = manual integration (+) = signals summed

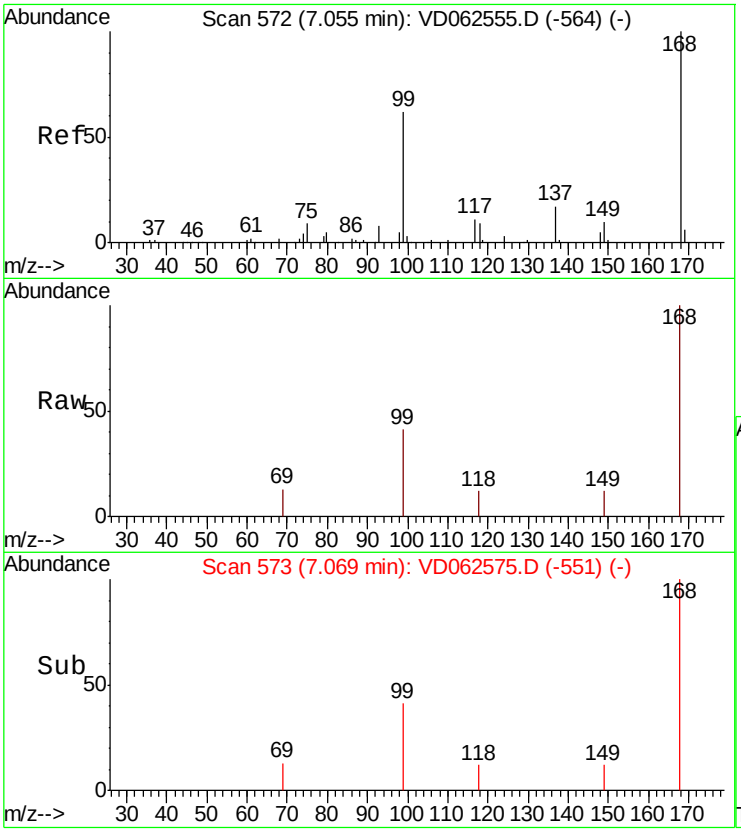
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
Data File : VD062575.D
Acq On : 31 May 2019 20:25
Operator : VA/AP
Sample : K3104-10RE
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Quant Time: May 31 23:29:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration



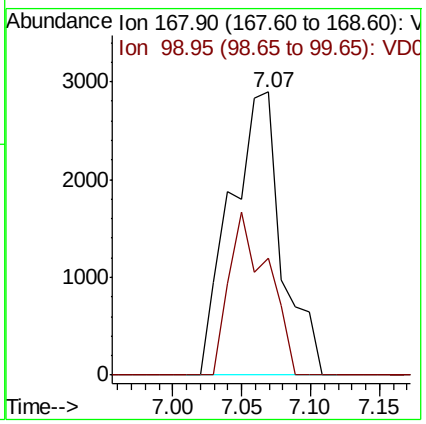


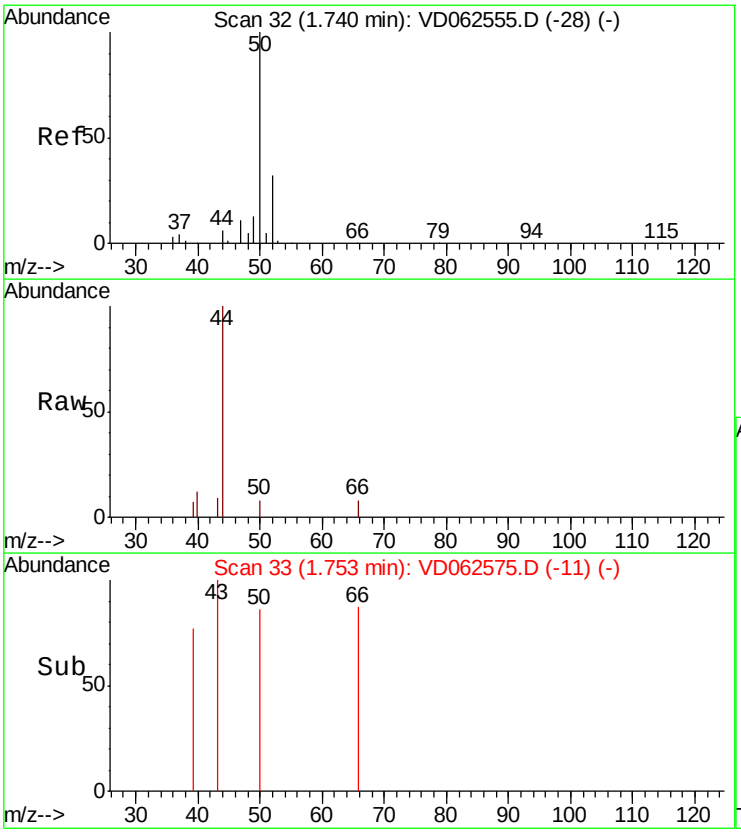
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:168 Resp: 7482

Ion	Ratio	Lower	Upper
168	100		
99	41.2	50.8	76.2#

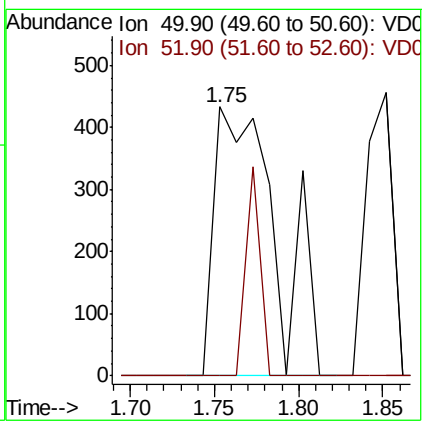


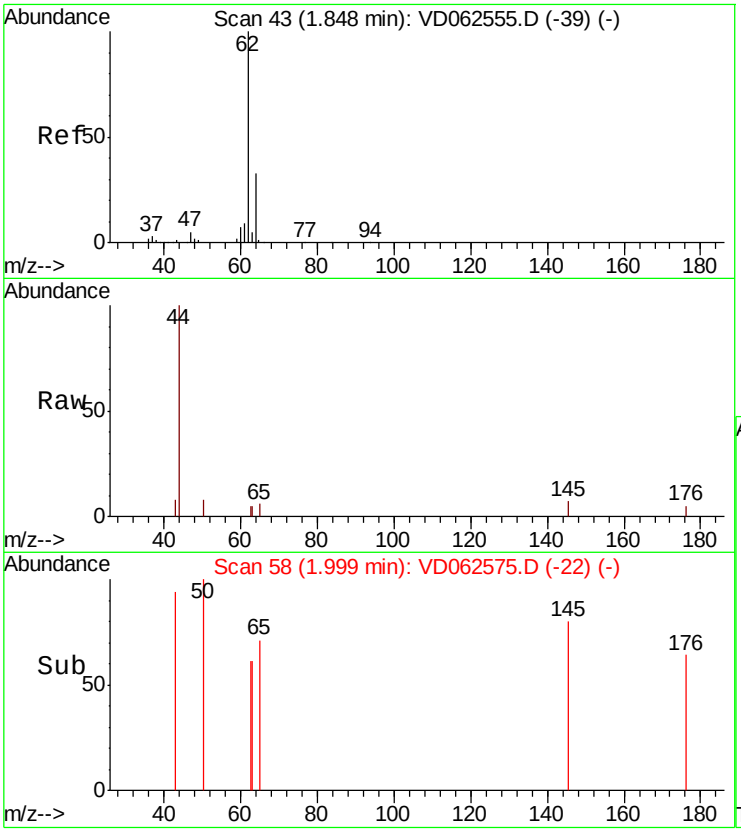


#3
Chloromethane
Concen: 10.053 ug/l
RT: 1.75 min Scan# 33
Delta R.T. 0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 50 Resp: 1100

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



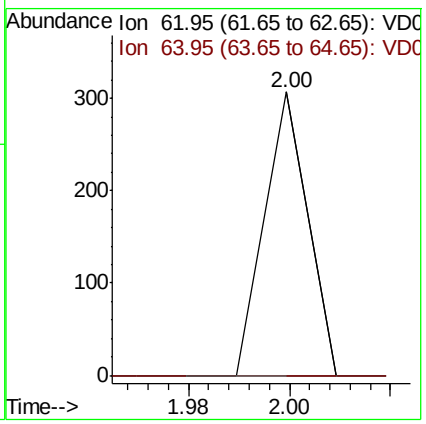


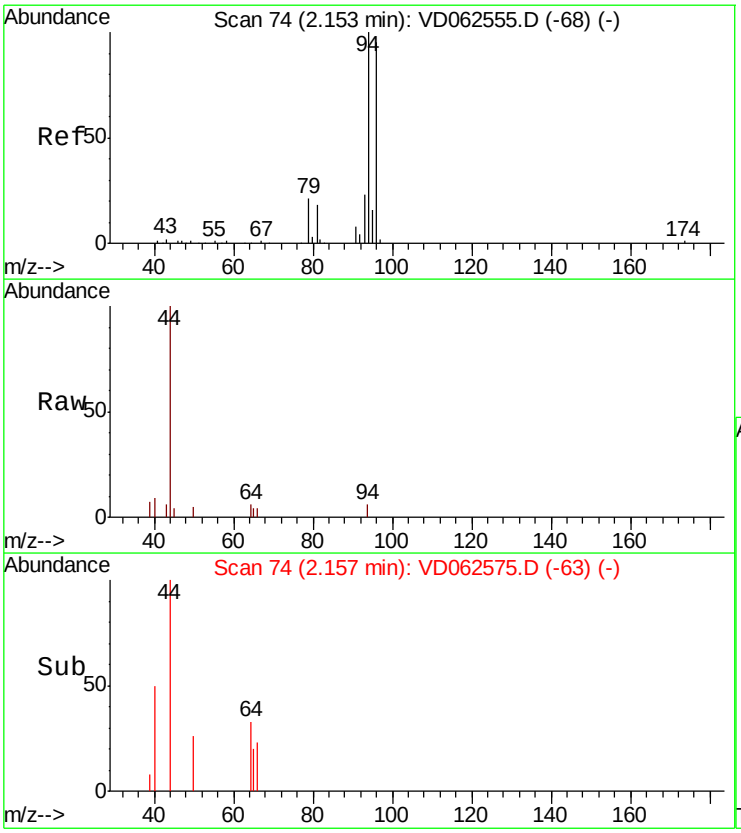
#4
Vinyl Chloride
Concen: 2.731 ug/l
RT: 2.00 min Scan# 58
Delta R.T. 0.15 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion: 62 Resp: 181

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.5	39.7#

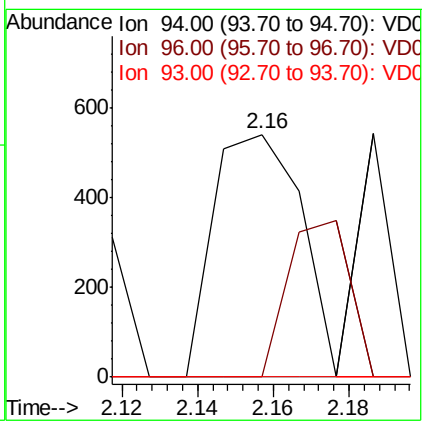


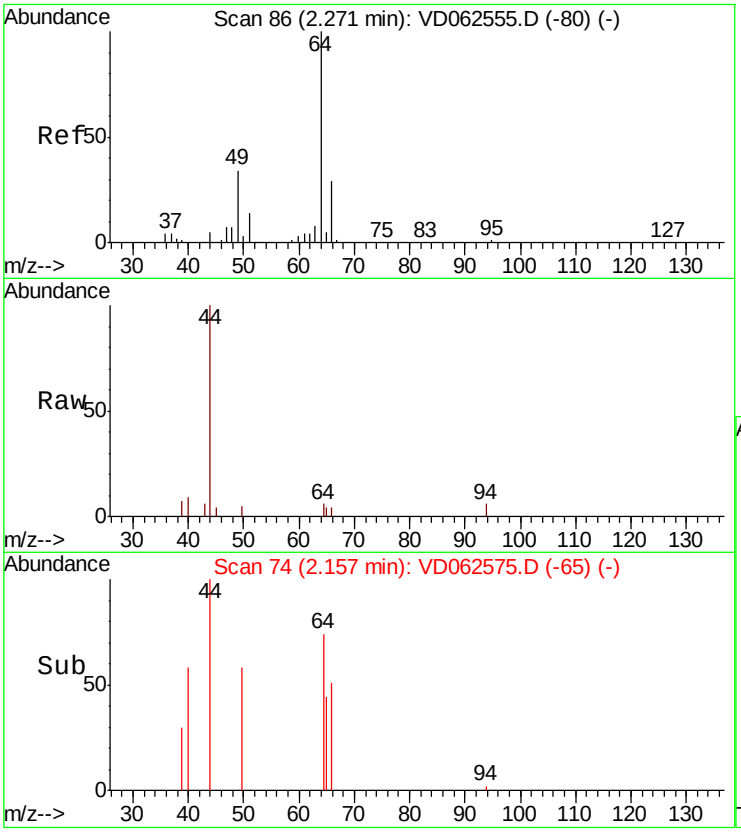


#5
Bromomethane
Concen: 40.184 ug/l
RT: 2.16 min Scan# 74
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 94 Resp: 865

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.2	114.4#
93	0.0	18.4	27.6#



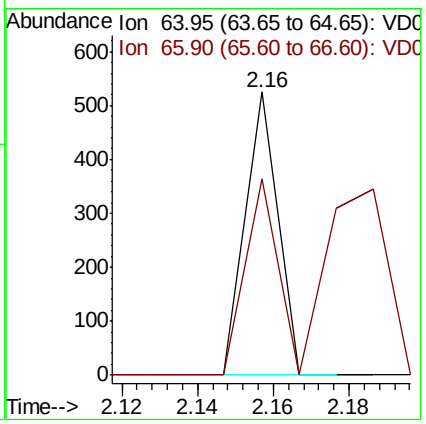


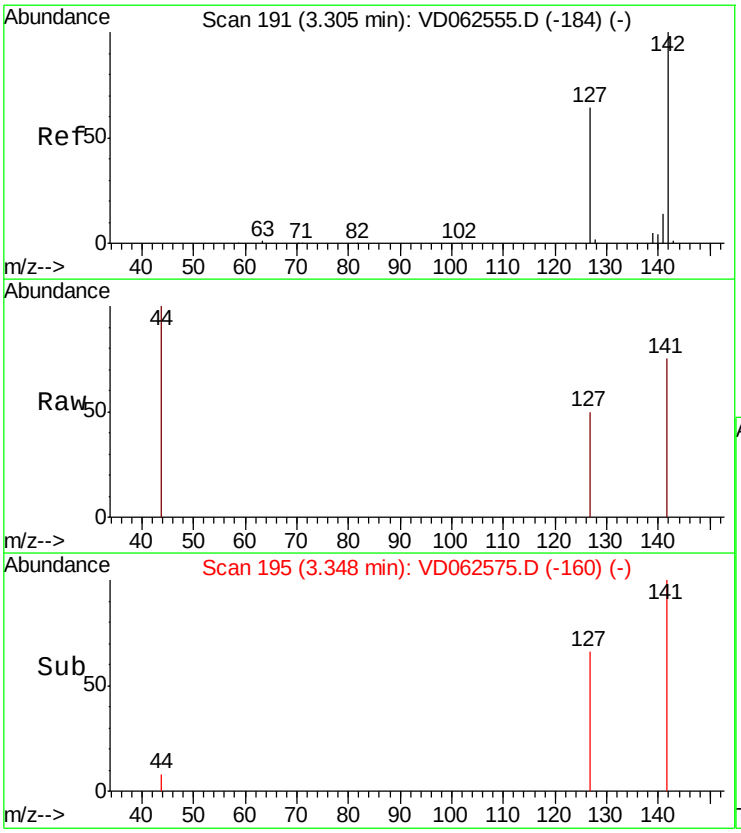
#6
Chloroethane
Concen: 9.973 ug/l
RT: 2.16 min Scan# 74
Delta R.T. -0.11 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion: 64 Resp: 310

Ion	Ratio	Lower	Upper
64	100		
66	69.1	23.4	35.2#

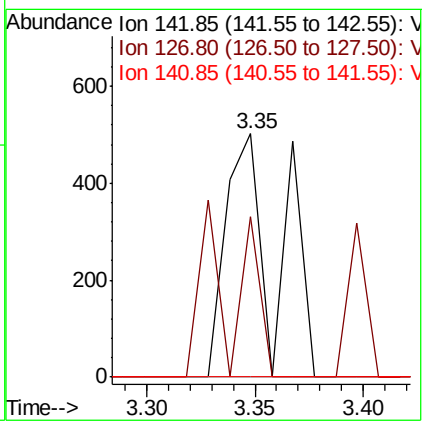


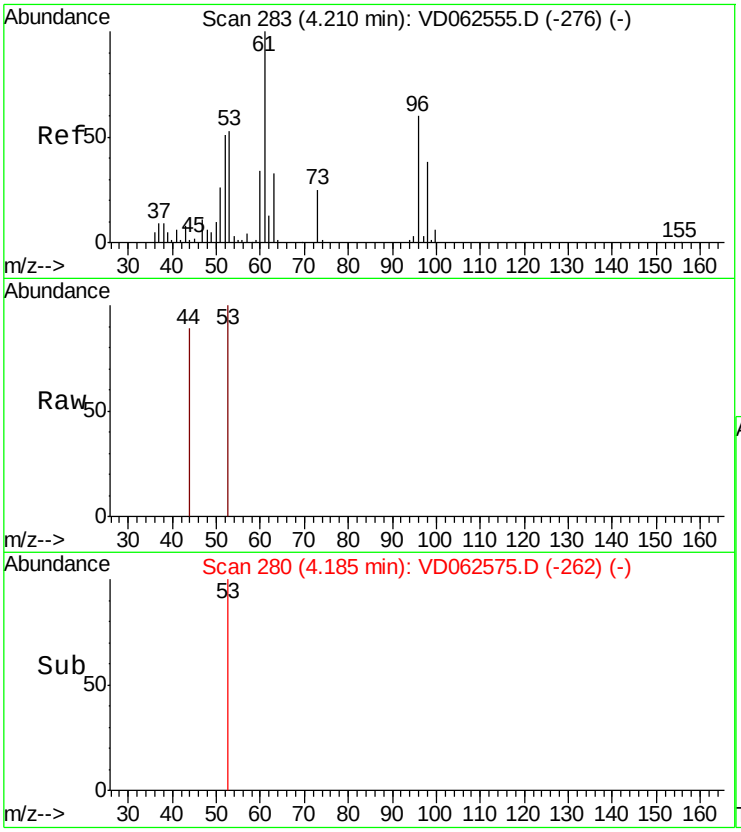


#10
Methyl Iodide
Concen: 8.789 ug/l
RT: 3.35 min Scan# 195
Delta R.T. 0.04 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion:142 Resp: 825

Ion	Ratio	Lower	Upper
142	100		
127	66.1	51.2	76.8
141	0.0	11.0	16.4#



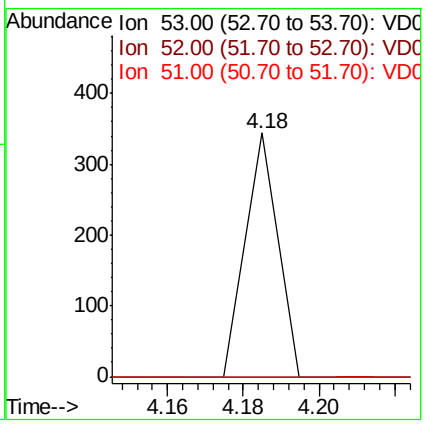


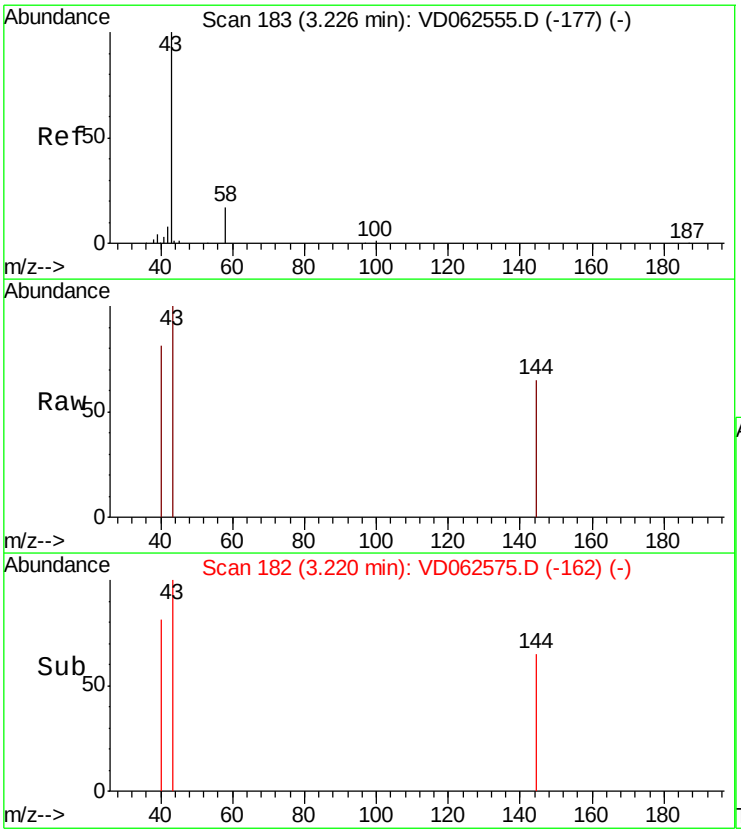
#15
Acrylonitrile
Concen: 22.694 ug/l
RT: 4.18 min Scan# 280
Delta R.T. -0.03 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument : MSVOA_D
ClientSampleId : RBR-251-688RE

Tgt Ion: 53 Resp: 203

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.2	114.2#
51	0.0	40.2	60.4#

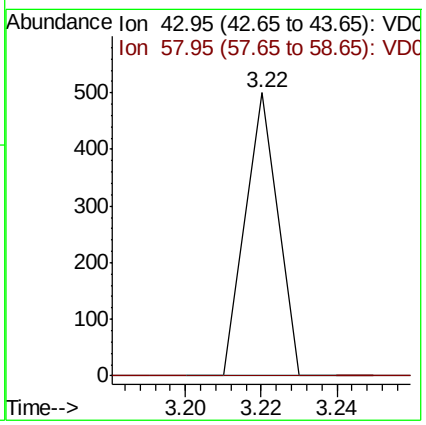


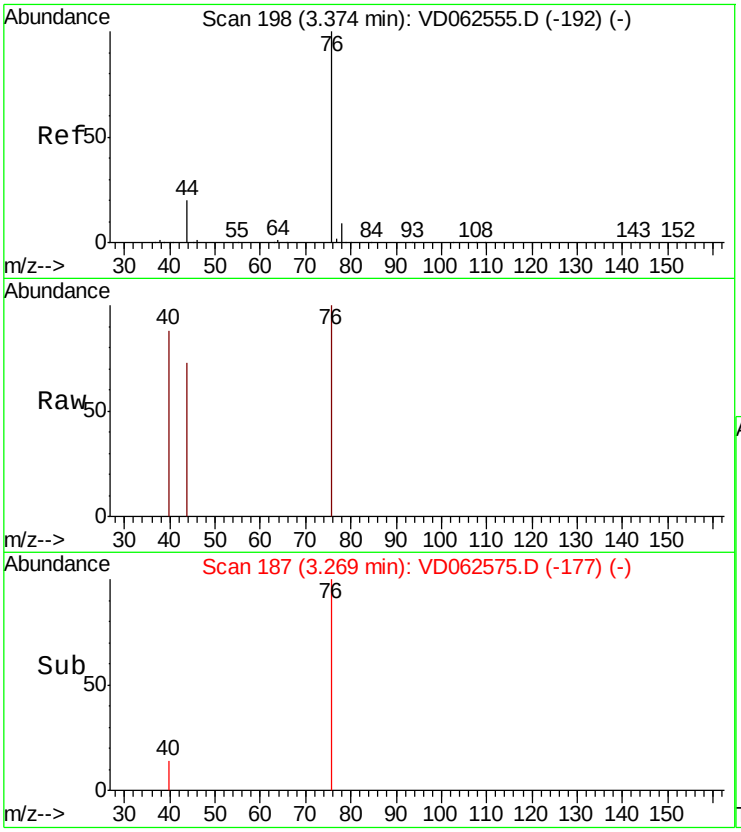


#16
Acetone
Concen: 17.114 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 43 Resp: 295

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.8	20.8#



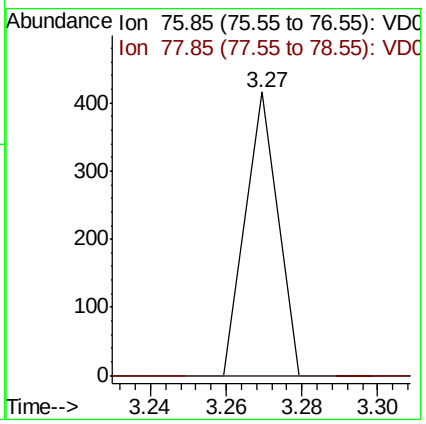


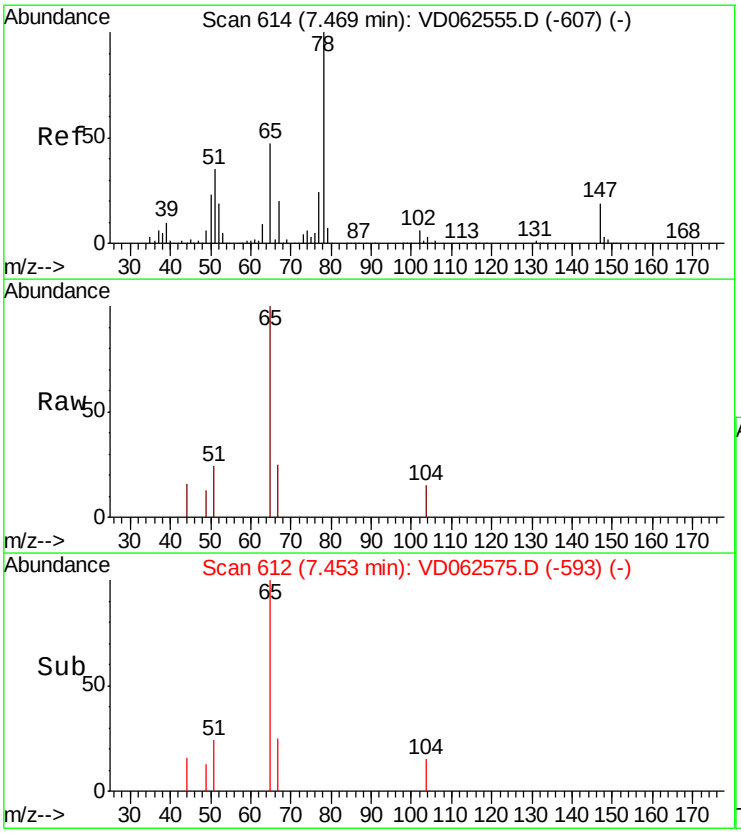
#17
Carbon Disulfide
Concen: 1.293 ug/l
RT: 3.27 min Scan# 187
Delta R.T. -0.10 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion: 76 Resp: 246

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

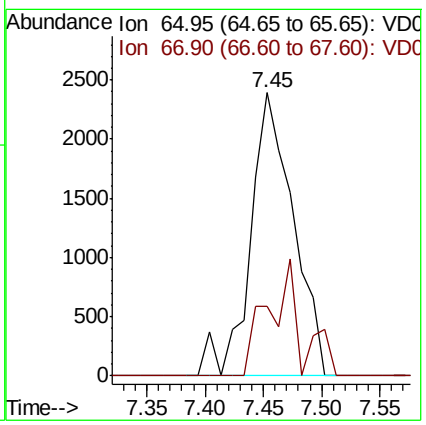


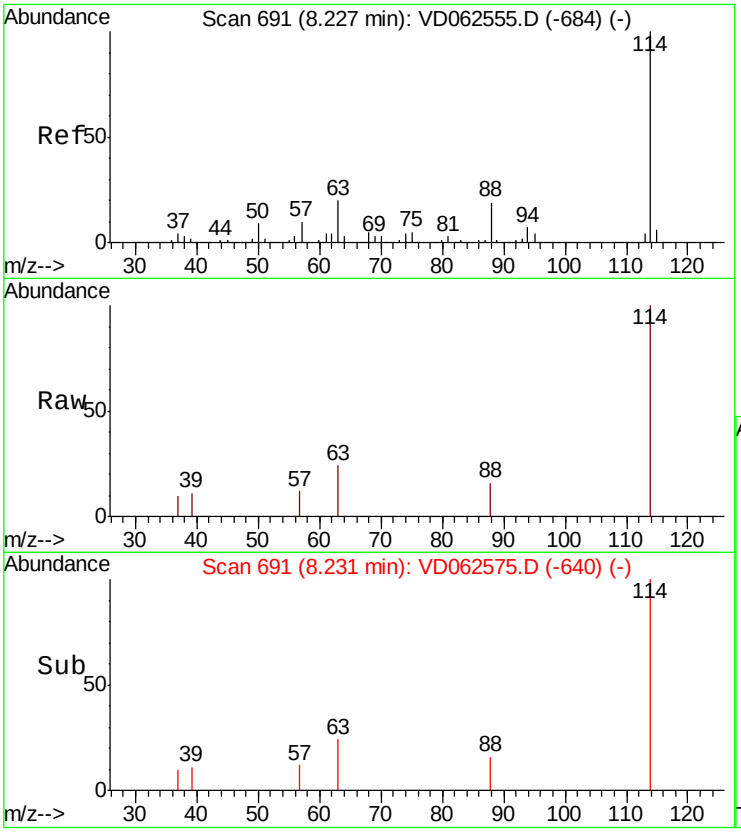


#33
1,2-Dichloroethane-d4
Concen: 69.453 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 65 Resp: 6093

Ion	Ratio	Lower	Upper
65	100		
67	24.5	0.0	83.6



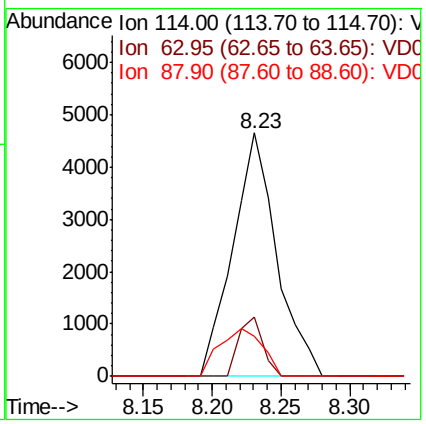


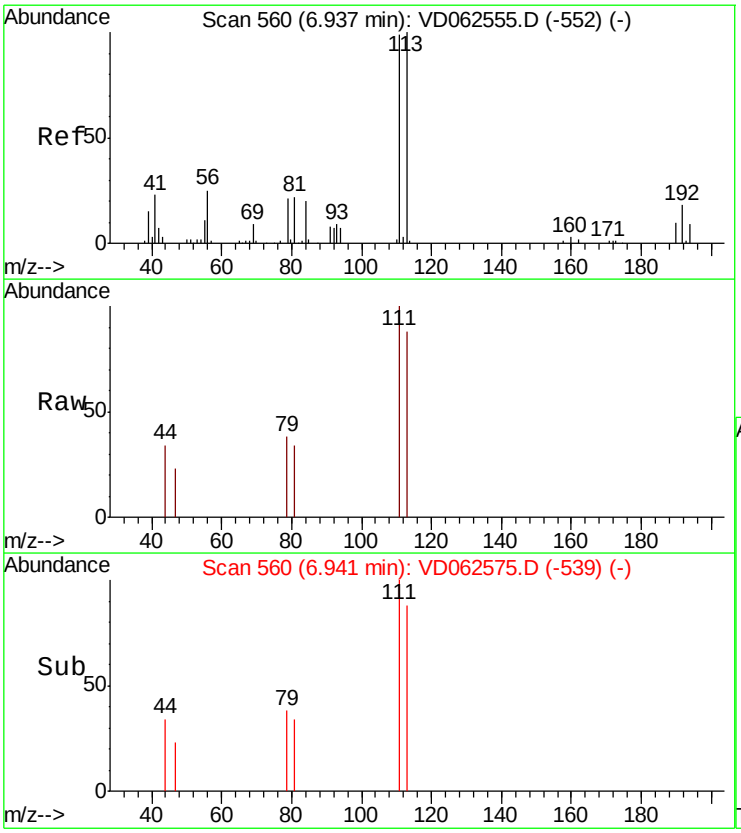
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:114 Resp: 10312

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	40.6
88	16.5	0.0	37.6

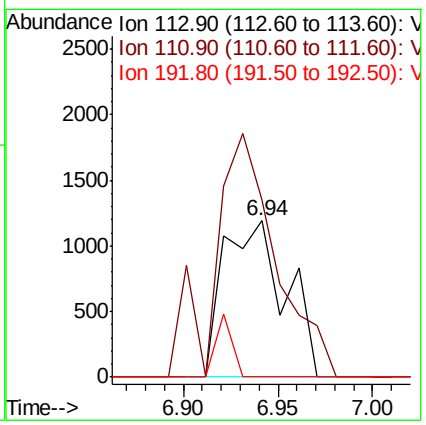


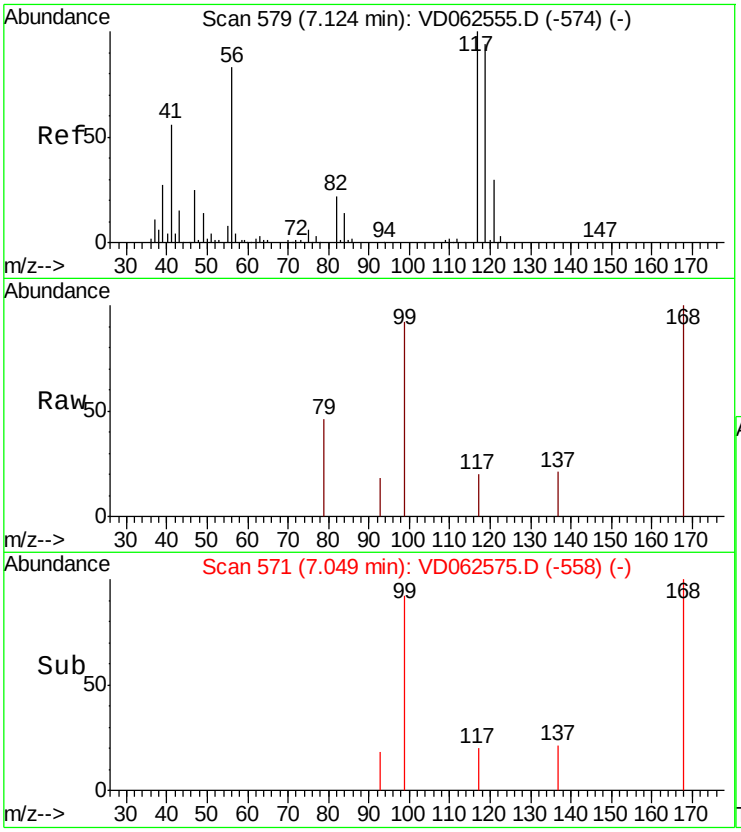


#35
Dibromofluoromethane
Concen: 28.626 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion:113 Resp: 2690

Ion	Ratio	Lower	Upper
113	100		
111	113.3	78.8	118.2
192	0.0	14.6	22.0#



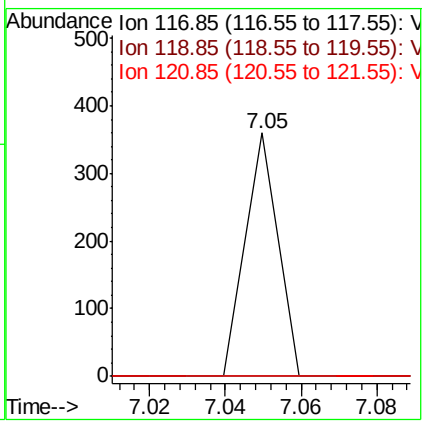


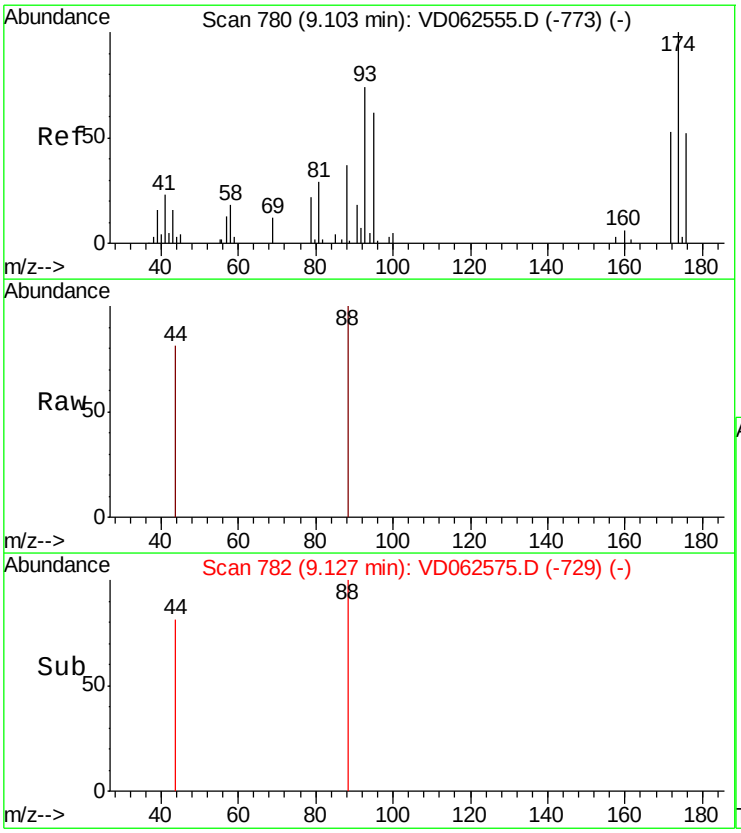
#38
Carbon Tetrachloride
Concen: 1.394 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:117 Resp: 213

Ion	Ratio	Lower	Upper
117	100		
119	0.0	71.4	107.2#
121	0.0	22.5	33.7#

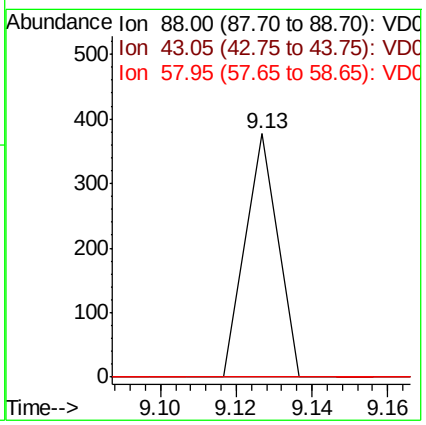


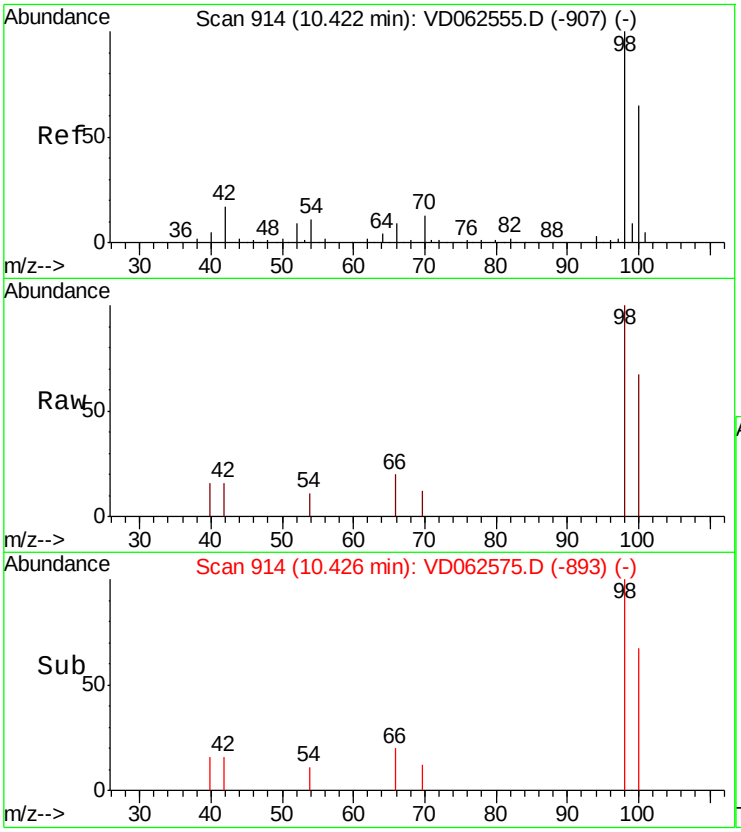


#49
1,4-Dioxane
Concen: 765.289 ug/l
RT: 9.13 min Scan# 782
Delta R.T. 0.02 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 88 Resp: 223

Ion	Ratio	Lower	Upper
88	100		
43	80.9	37.1	55.7#
58	0.0	39.3	58.9#



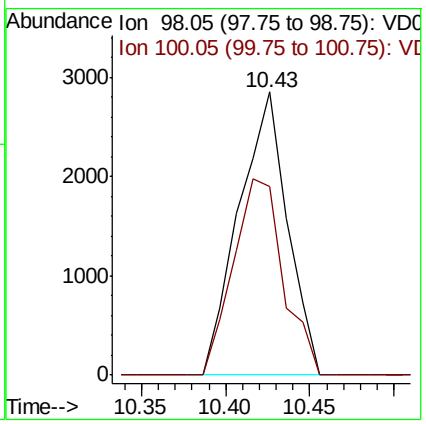


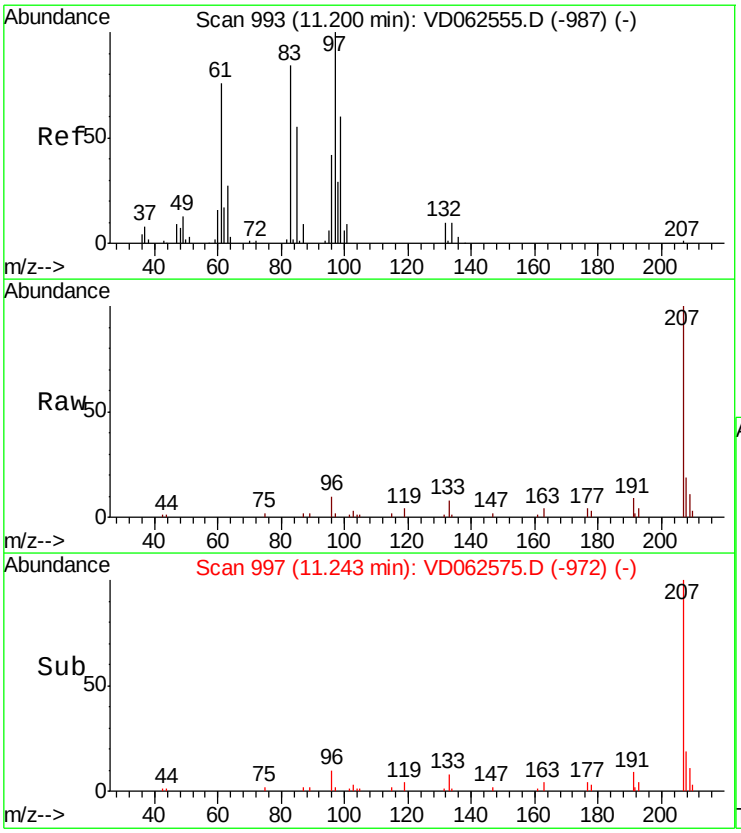
#50
Toluene-d8
Concen: 27.675 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion: 98 Resp: 5698

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.3	78.5

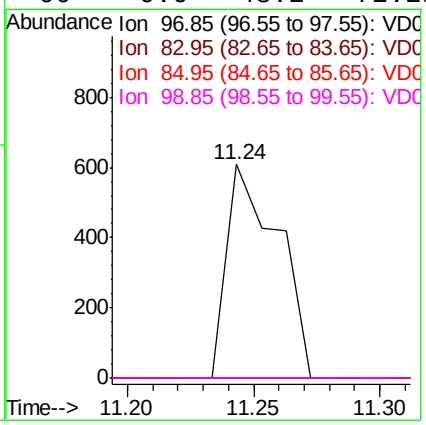


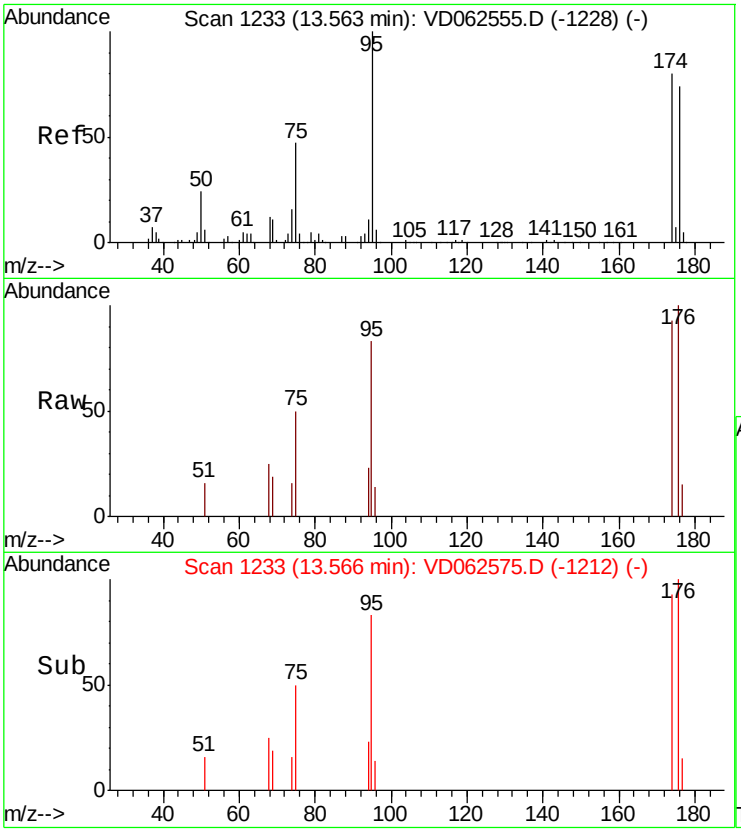


#55
1,1,2-Trichloroethane
Concen: 19.083 ug/l
RT: 11.24 min Scan# 997
Delta R.T. 0.04 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 97 Resp: 861

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.3	100.9#
85	0.0	43.8	65.8#
99	0.0	48.2	72.2#



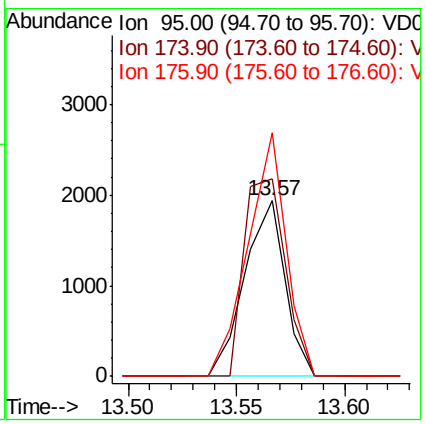


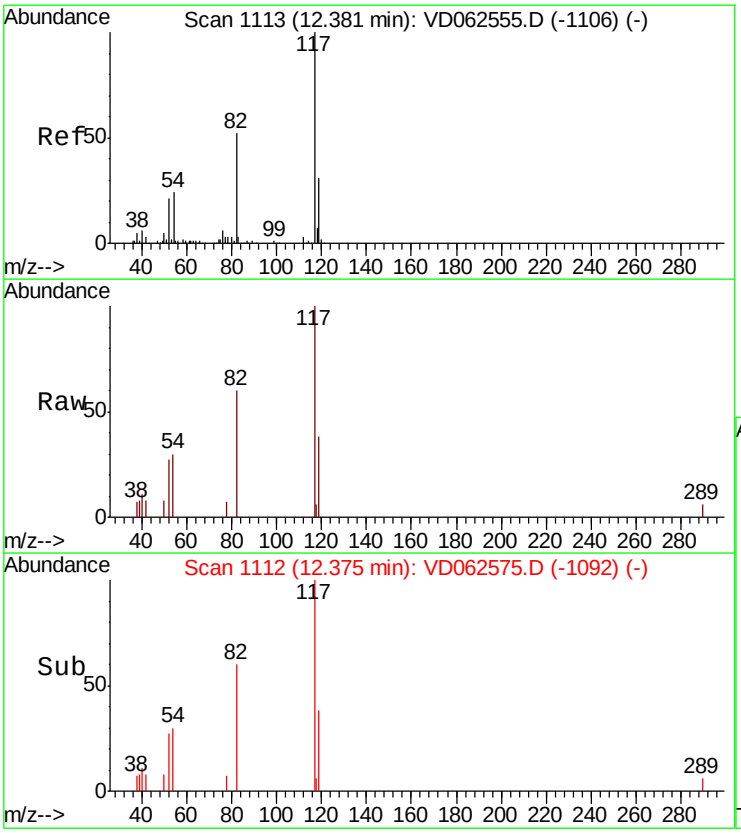
#62
4-Bromofluorobenzene
Concen: 27.043 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion: 95 Resp: 2511

Ion	Ratio	Lower	Upper
95	100		
174	112.6	0.0	160.2
176	138.6	0.0	148.0

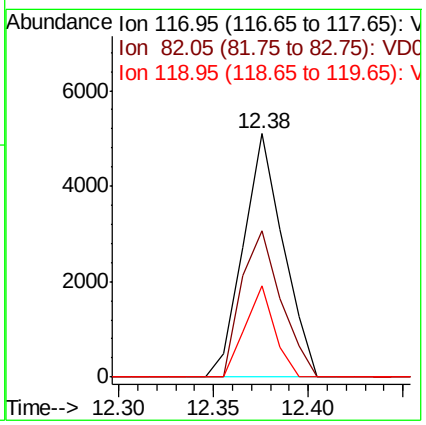


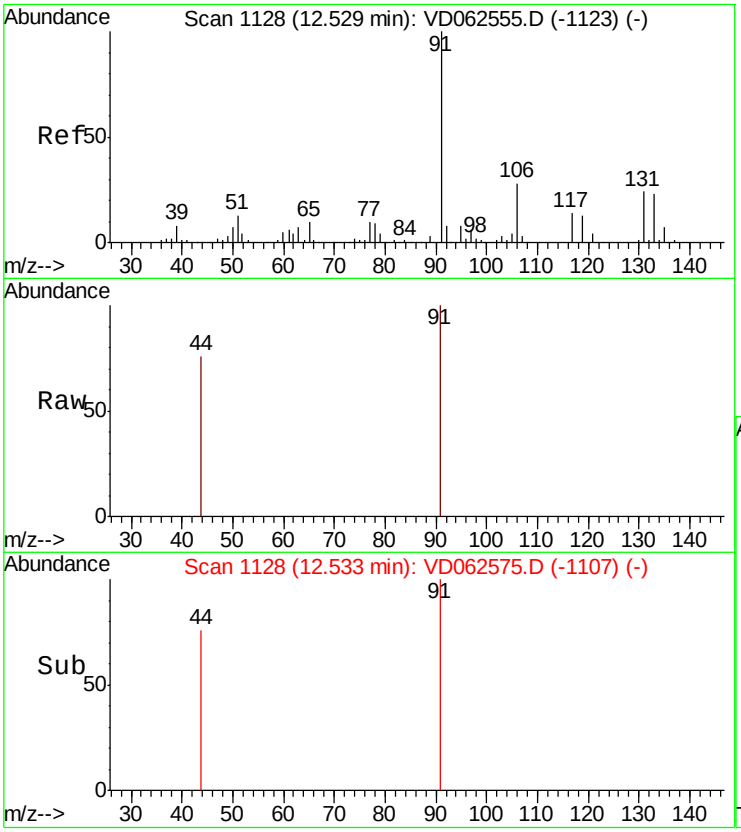


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion:117 Resp: 7473

Ion	Ratio	Lower	Upper
117	100		
82	60.1	41.4	62.2
119	37.6	24.9	37.3#



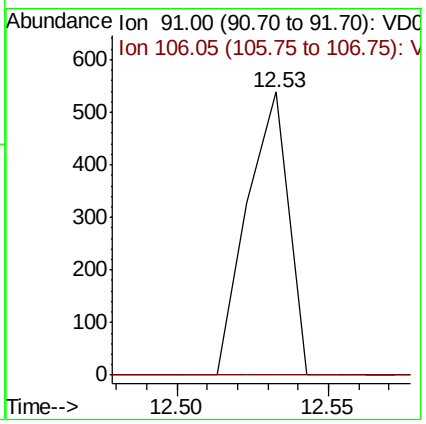


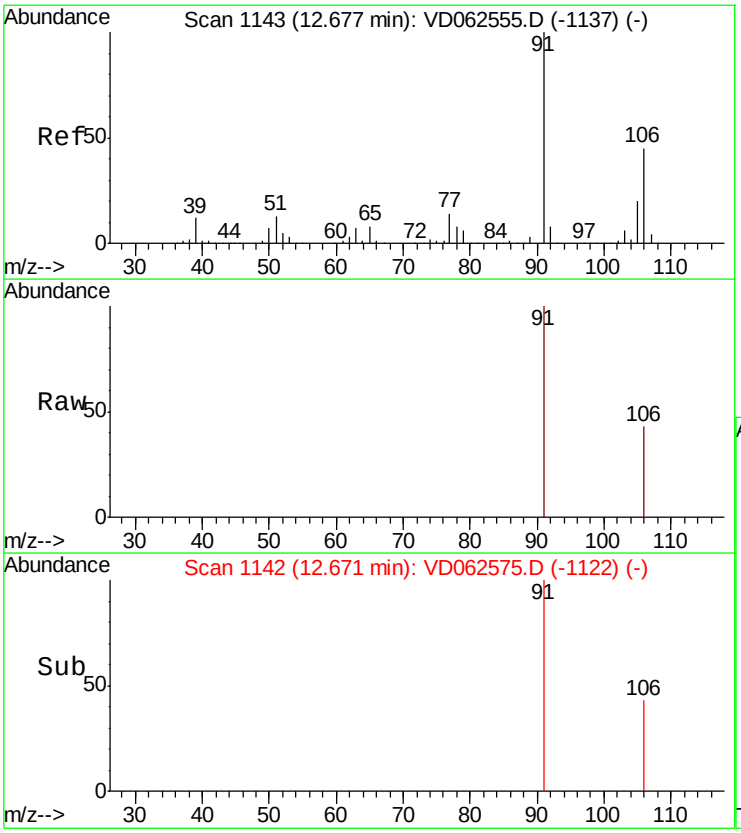
#67
Ethyl Benzene
Concen: 1.916 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument : MSVOA_D
ClientSampleId : RBR-251-688RE

Tgt Ion: 91 Resp: 511

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.2	33.2#

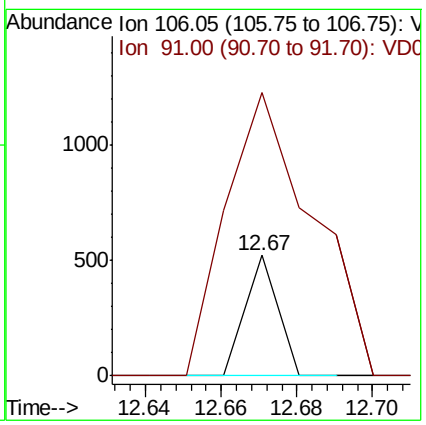


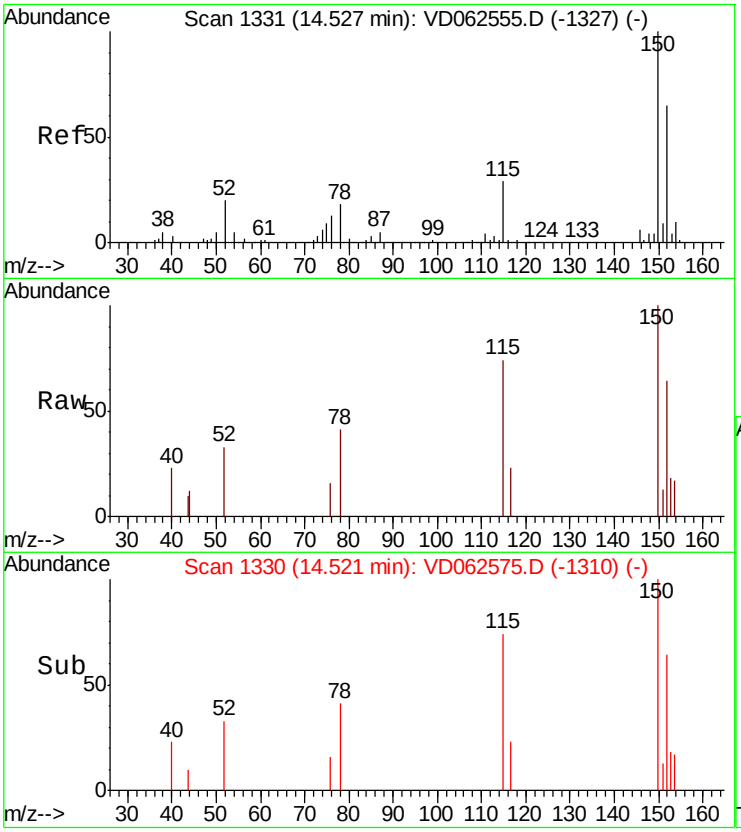


#68
m/p-Xylenes
Concen: 3.349 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion:106 Resp: 309

Ion	Ratio	Lower	Upper
106	100		
91	234.8	178.9	268.3



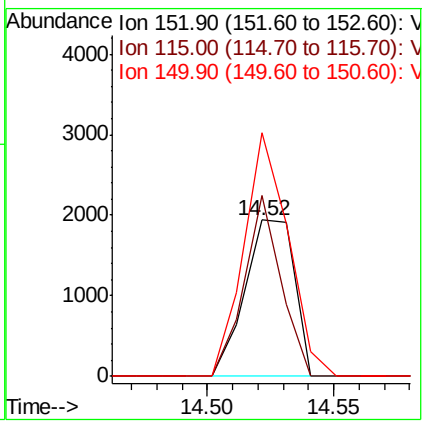


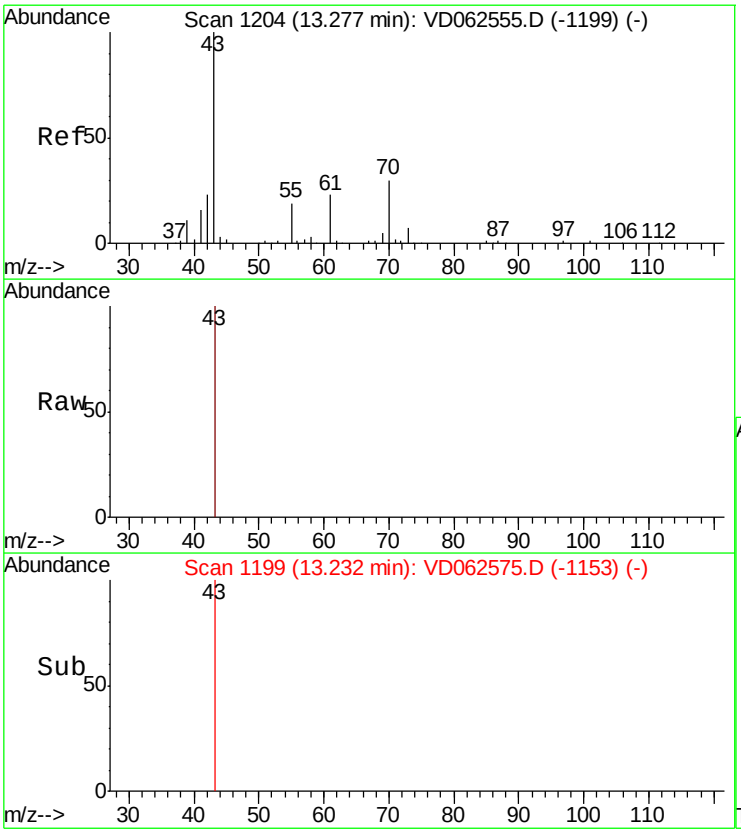
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:152 Resp: 2652

Ion	Ratio	Lower	Upper
152	100		
115	115.9	28.4	85.3#
150	155.8	0.0	310.4

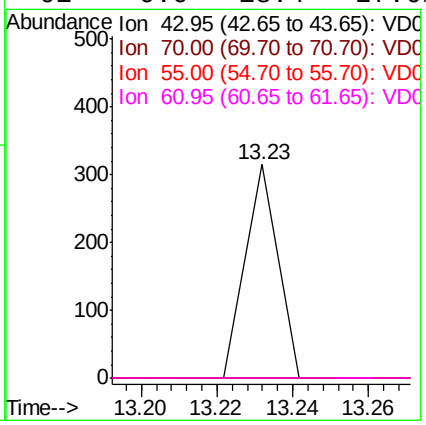


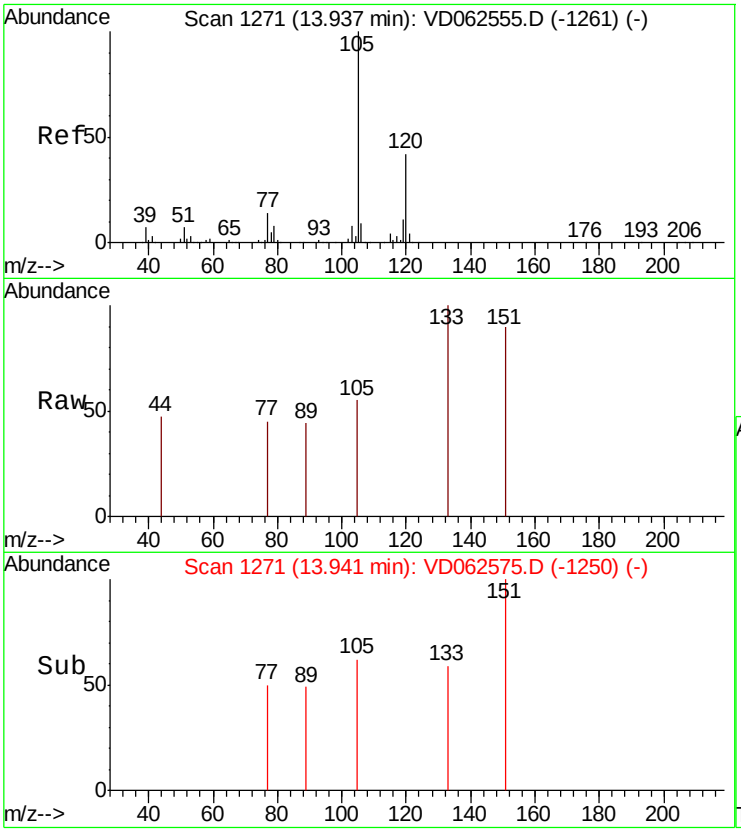


#74
N-amyl acetate
Concen: 4.172 ug/l
RT: 13.23 min Scan# 1199
Delta R.T. -0.05 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 43 Resp: 186

Ion	Ratio	Lower	Upper
43	100		
70	0.0	23.7	35.5#
55	0.0	15.0	22.4#
61	0.0	18.4	27.6#



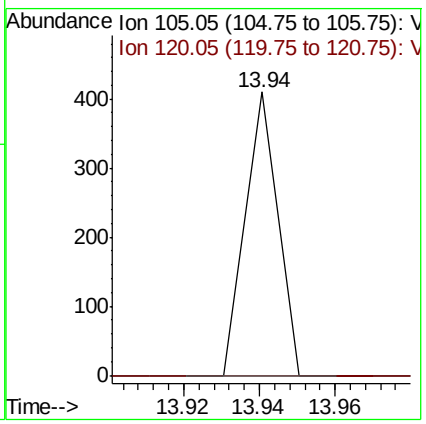


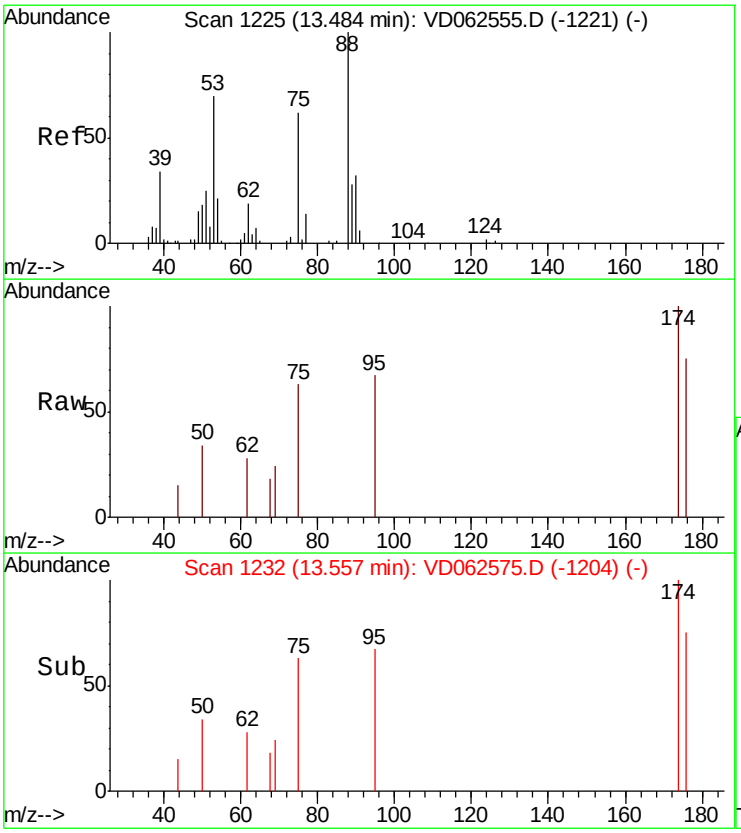
#80
1,3,5-Trimethylbenzene
Concen: 1.620 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:105 Resp: 242

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.8	62.5#

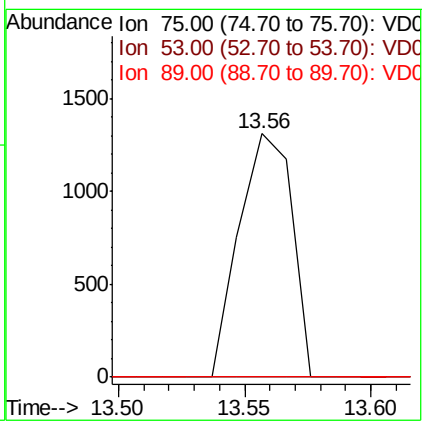


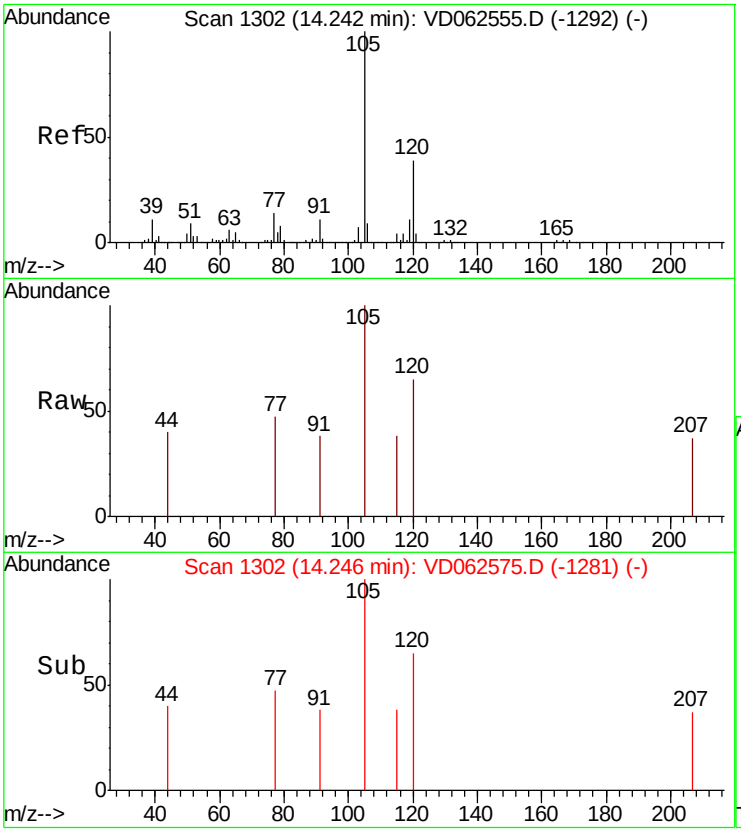


#81
trans-1,4-Dichloro-2-butene
Concen: 210.163 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion: 75 Resp: 1916

Ion	Ratio	Lower	Upper
75	100		
53	0.0	91.0	136.4#
89	0.0	36.9	55.3#



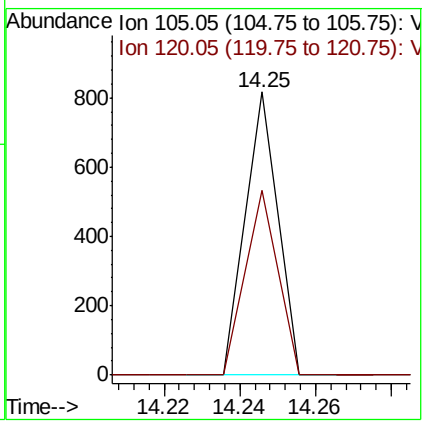


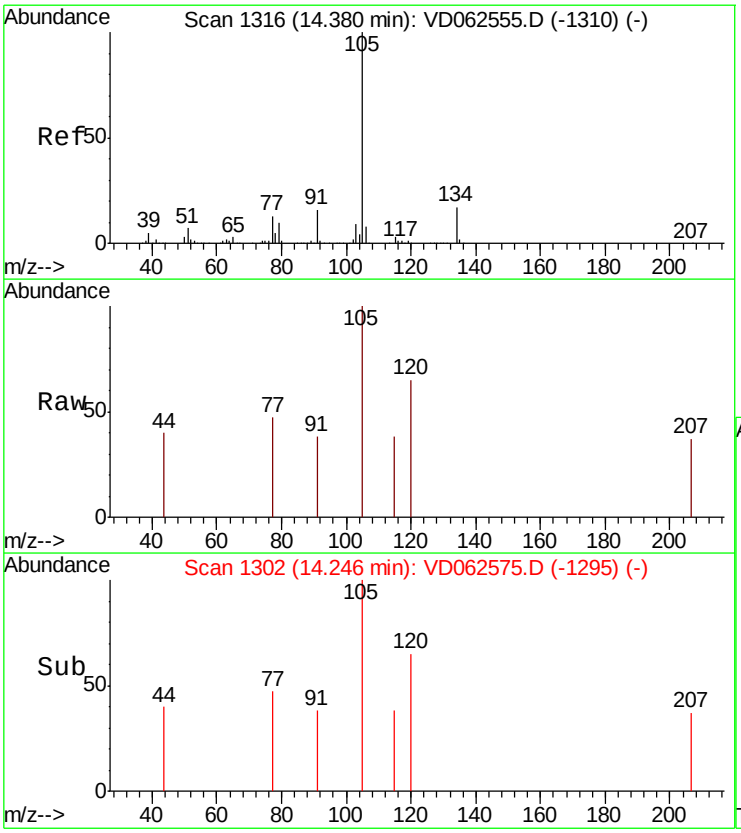
#84
1,2,4-Trimethylbenzene
Concen: 3.173 ug/l
RT: 14.25 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:105 Resp: 483

Ion	Ratio	Lower	Upper
105	100		
120	65.1	19.6	58.8#

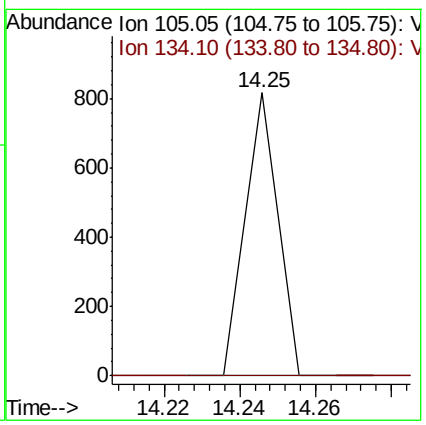


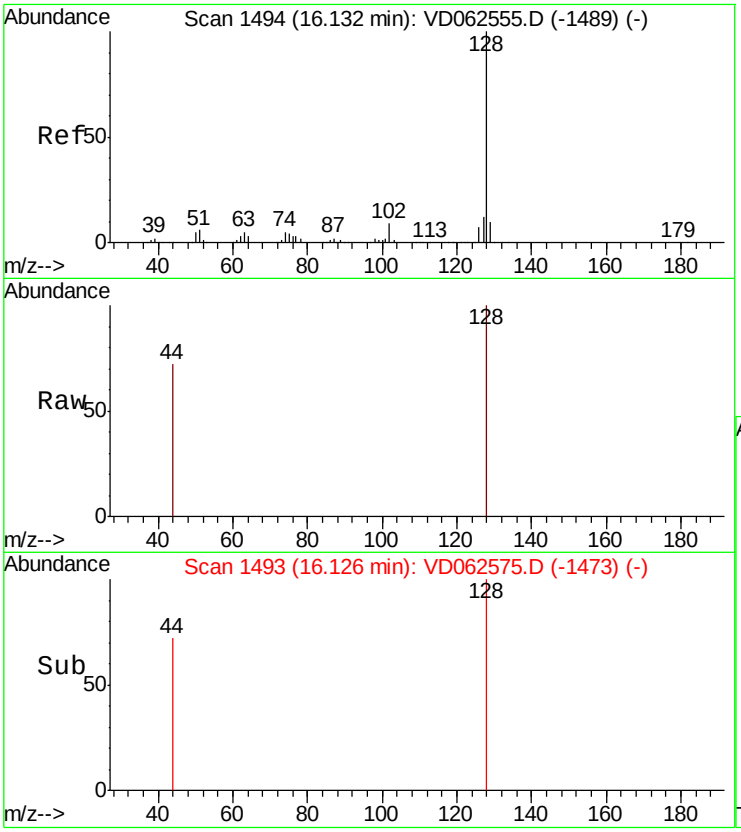


#85
sec-Butylbenzene
Concen: 2.735 ug/l
RT: 14.25 min Scan# 1302
Delta R.T. -0.13 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Tgt Ion:105 Resp: 483

Ion	Ratio	Lower	Upper
105	100		
134	0.0	8.7	26.1#





#95
Naphthalene
Concen: 3.731 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062575.D
Acq: 31 May 2019 20:25

Instrument :
MSVOA_D
ClientSampleId :
RBR-251-688RE

Tgt Ion:128 Resp: 284

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	0.0	8.2	12.2#