Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052419\
Data File : VD062533.D
Acq On : 24 May 2019 15:49
Operator : VA/AP
Sample : k2996-04
Misc : 6.39g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Quant Time: May 24 22:10:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	341224	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	423125	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	301635	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	118374	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	179627	49.18	ug/l	-0.02
Spiked Amount 50.000			Recovery = 98.36%			
35) Dibromofluoromethane	6.92	113	183649	48.11	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.22%			
50) Toluene-d8	10.40	98	338428	40.51	ug/l	-0.03
Spiked Amount 50.000			Recovery = 81.02%			
62) 4-Bromofluorobenzene	13.55	95	132696	36.31	ug/l	-0.02
Spiked Amount 50.000			Recovery = 72.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	182	Below Cal	#	42
13) Acrolein	3.17	56	1985	14.177	ug/l #	18
14) Allyl chloride	3.77	41	4203	1.128	ug/l #	65
16) Acetone	3.17	43	7952	12.149	ug/l #	50
18) Methyl Acetate	3.77	43	9745	8.628	ug/l #	53
20) Methylene Chloride	3.80	84	8757	Below Cal		93
25) 2-Butanone	6.16	43	787	1.150	ug/l #	56
36) 1,1-Dichloropropene	7.03	75	28976	7.163	ug/l #	46
38) Carbon Tetrachloride	7.03	117	38038	6.327	ug/l #	17
52) Toluene	10.50	92	6034	1.111	ug/l	94
68) m/p-Xylenes	12.66	106	6978	1.946	ug/l #	70
69) o-Xylene	13.05	106	3573	1.056	ug/l	93
80) 1,3,5-Trimethylbenzene	13.93	105	6966	1.078	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.55	75	67773	172.348	ug/l #	16
84) 1,2,4-Trimethylbenzene	14.24	105	10429	1.575	ug/l	99
95) Naphthalene	16.13	128	5371	1.571	ug/l #	70

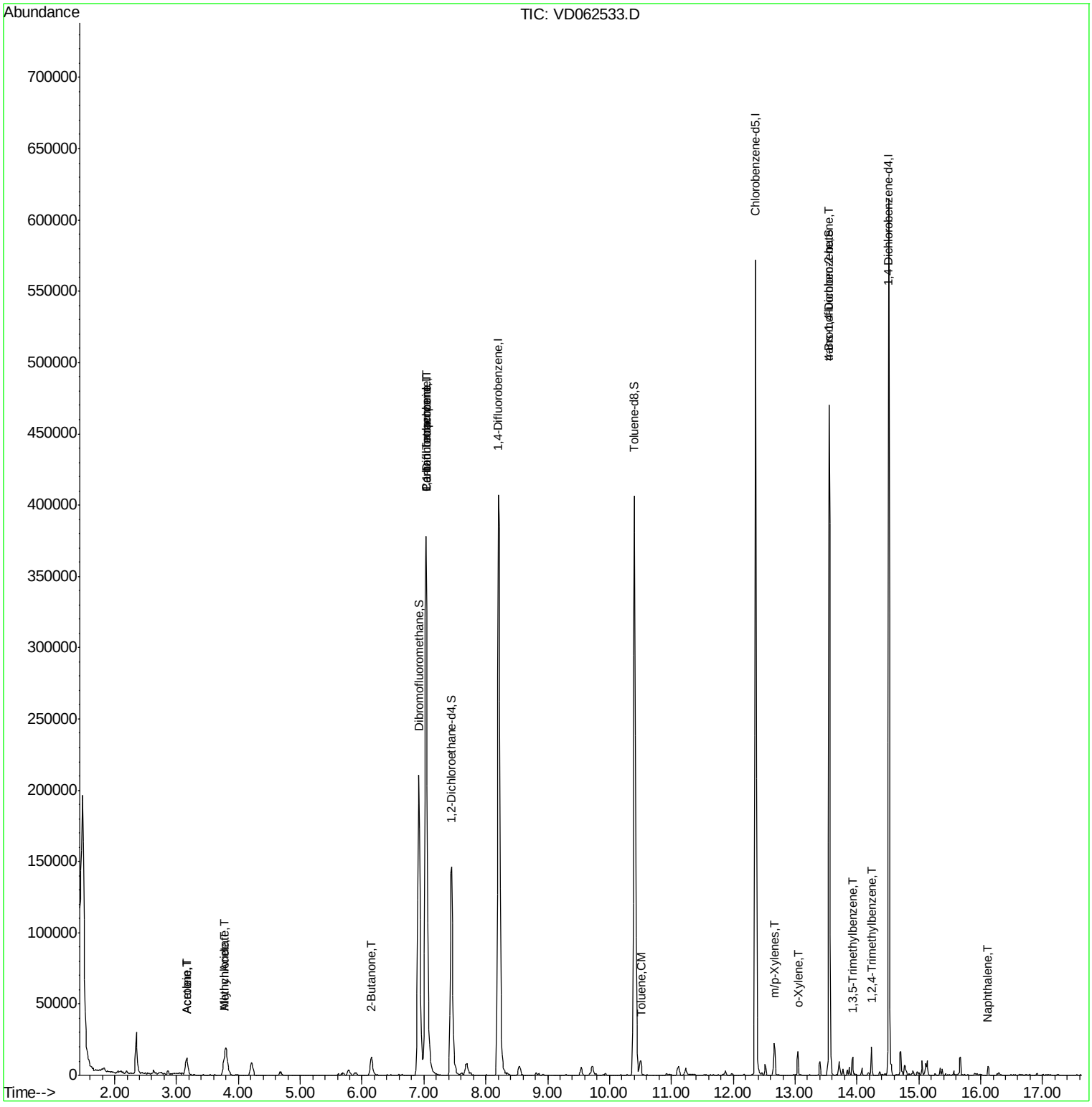
(#) = qualifier out of range (m) = manual integration (+) = signals summed

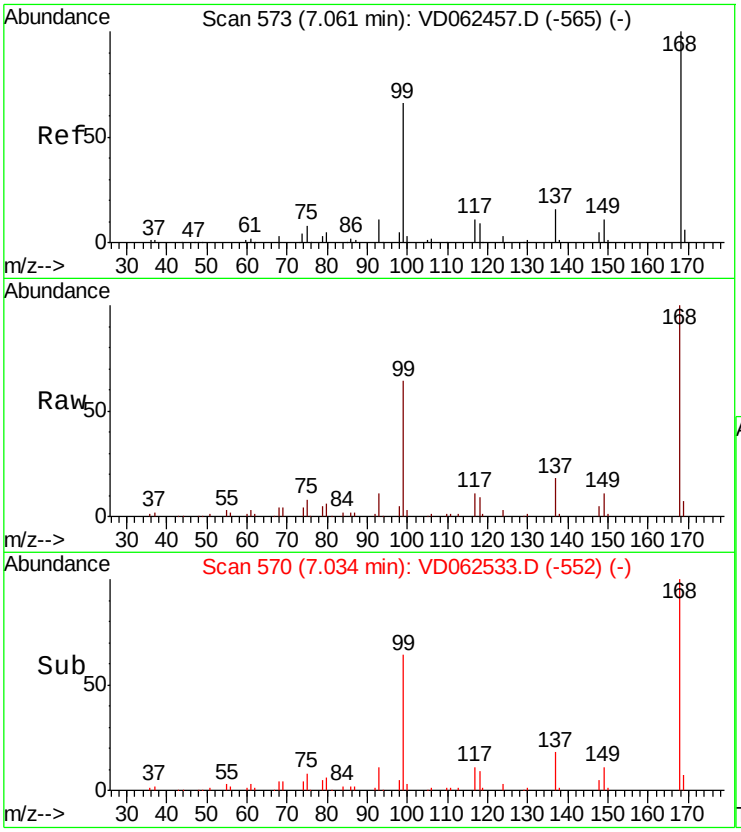
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052419\
Data File : VD062533.D
Acq On : 24 May 2019 15:49
Operator : VA/AP
Sample : k2996-04
Misc : 6.39g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Quant Time: May 24 22:10:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration



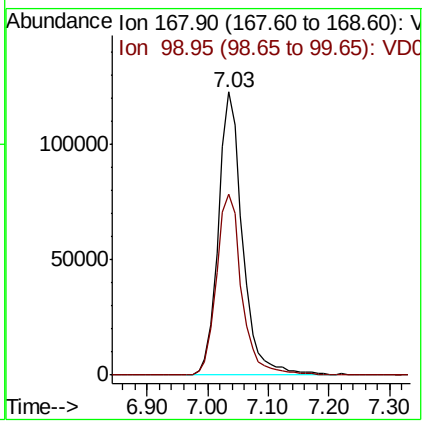


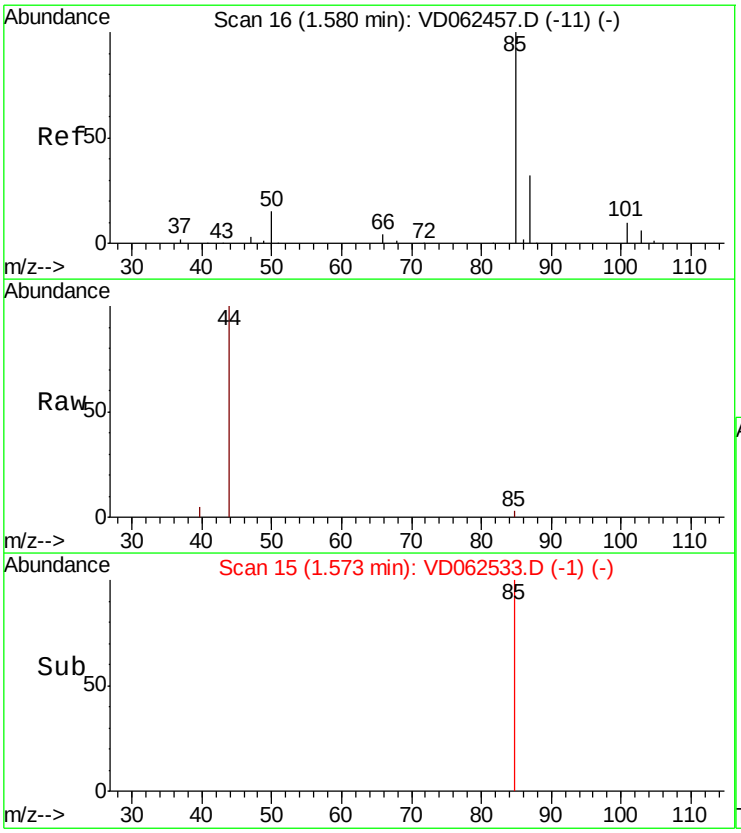
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:168 Resp: 341224

Ion	Ratio	Lower	Upper
168	100		
99	63.8	46.5	69.7

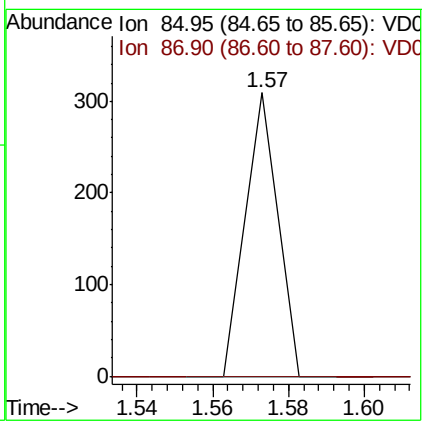


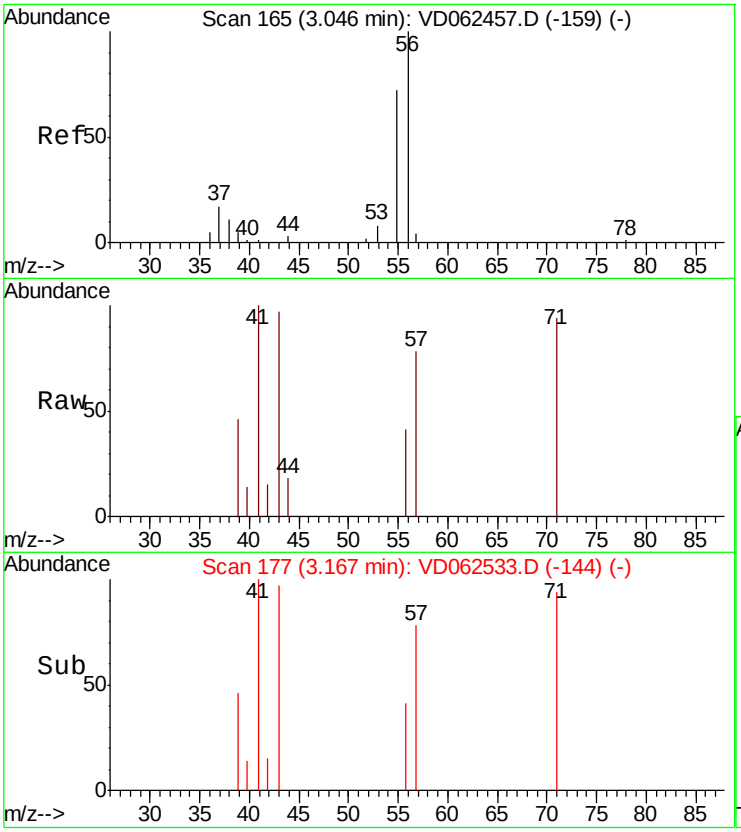


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 85 Resp: 182

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



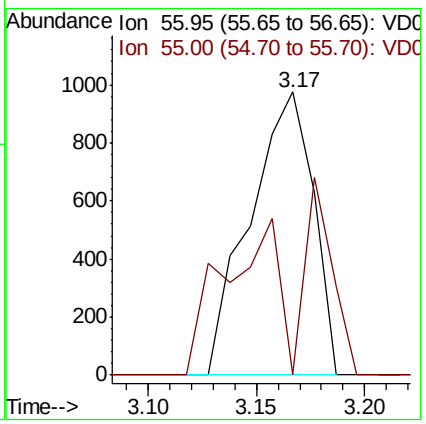


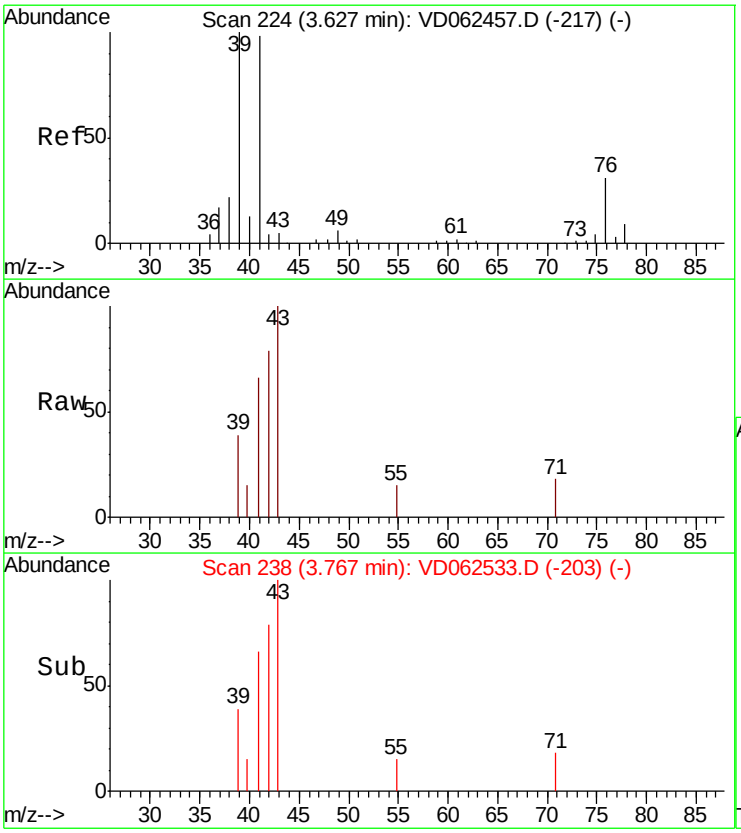
#13
Acrolein
Concen: 14.177 ug/l
RT: 3.17 min Scan# 177
Delta R.T. 0.12 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Tgt Ion: 56 Resp: 1985

Ion	Ratio	Lower	Upper
56	100		
55	0.0	51.4	77.2#

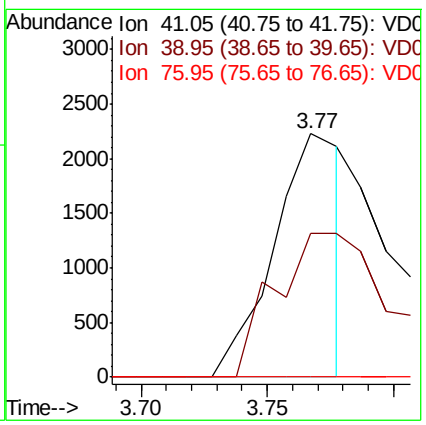


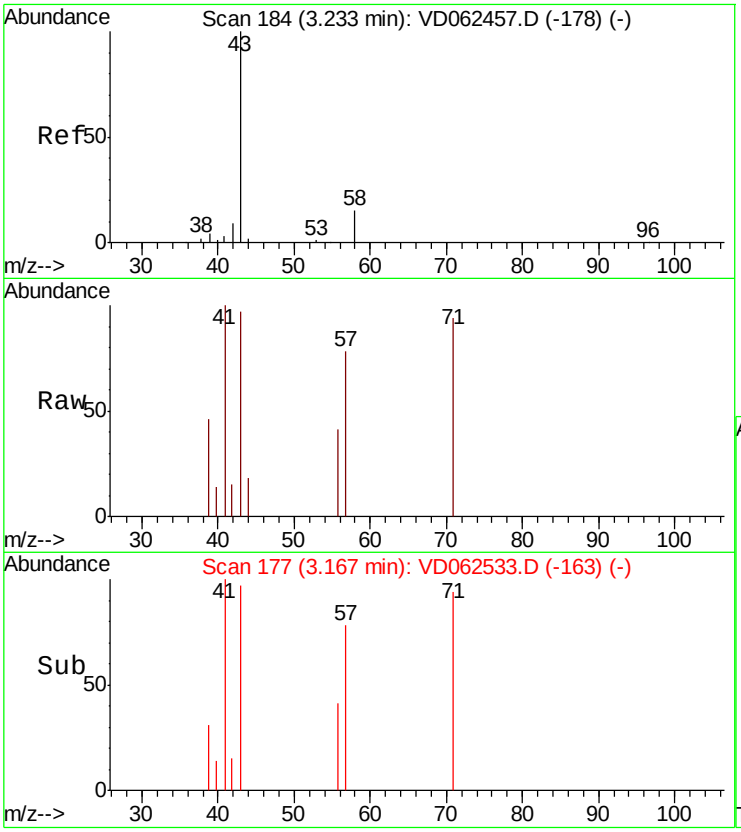


#14
Allyl chloride
Concen: 1.128 ug/l
RT: 3.77 min Scan# 238
Delta R.T. 0.14 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 41 Resp: 4203

Ion	Ratio	Lower	Upper
41	100		
39	58.9	60.5	90.7#
76	0.0	31.8	47.8#



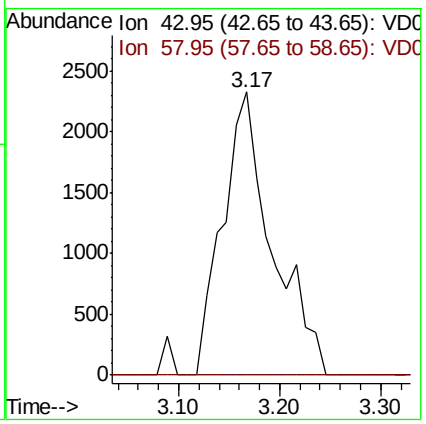


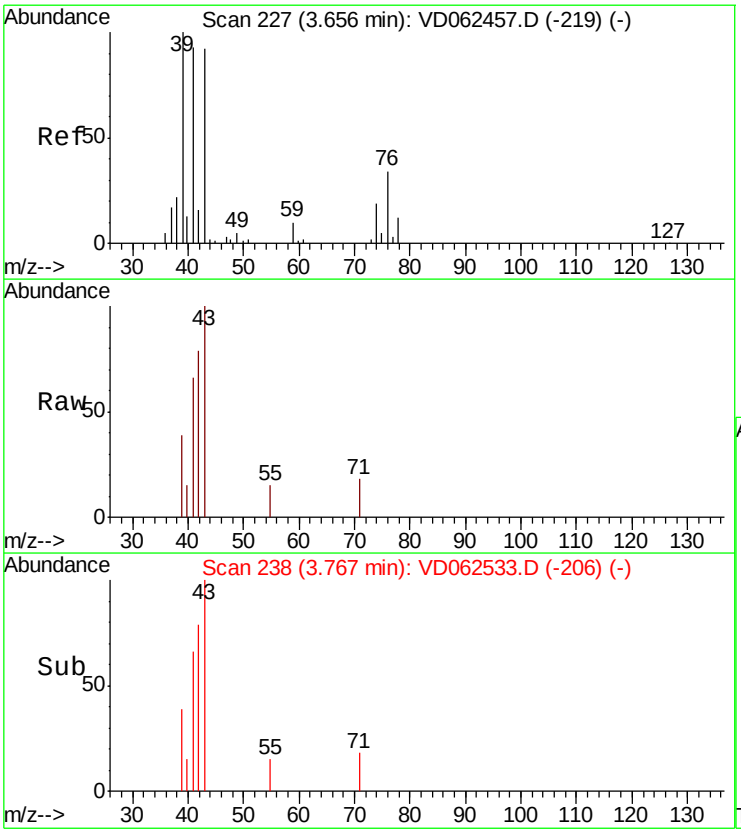
#16
Acetone
Concen: 12.149 ug/l
RT: 3.17 min Scan# 177
Delta R.T. -0.07 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion: 43 Resp: 7952

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#

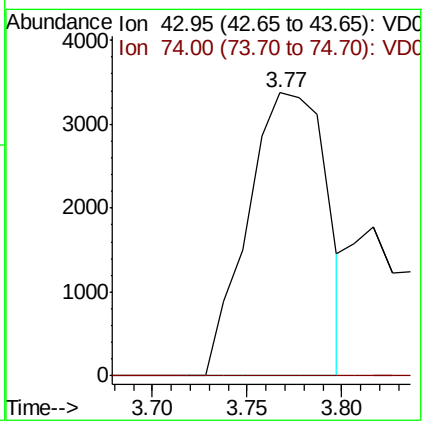


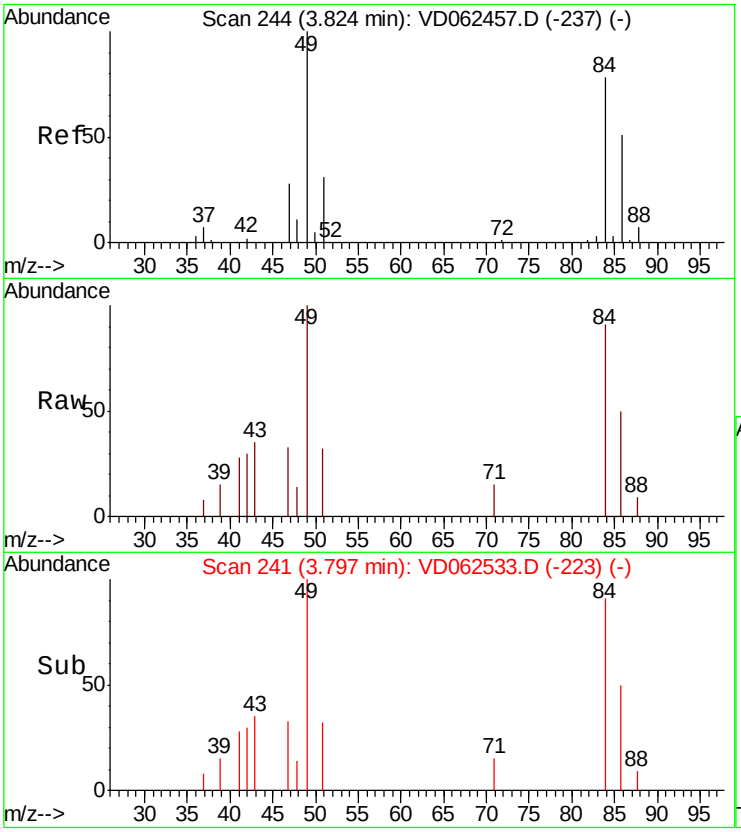


#18
Methyl Acetate
Concen: 8.628 ug/l
RT: 3.77 min Scan# 238
Delta R.T. 0.11 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 43 Resp: 9745

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



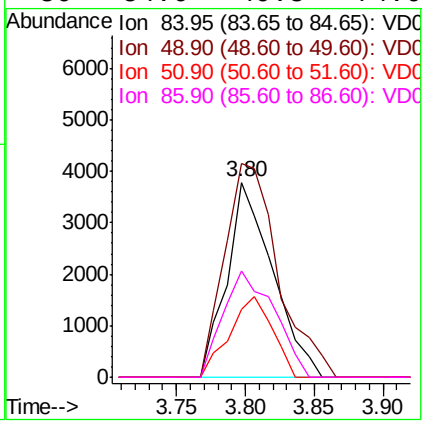


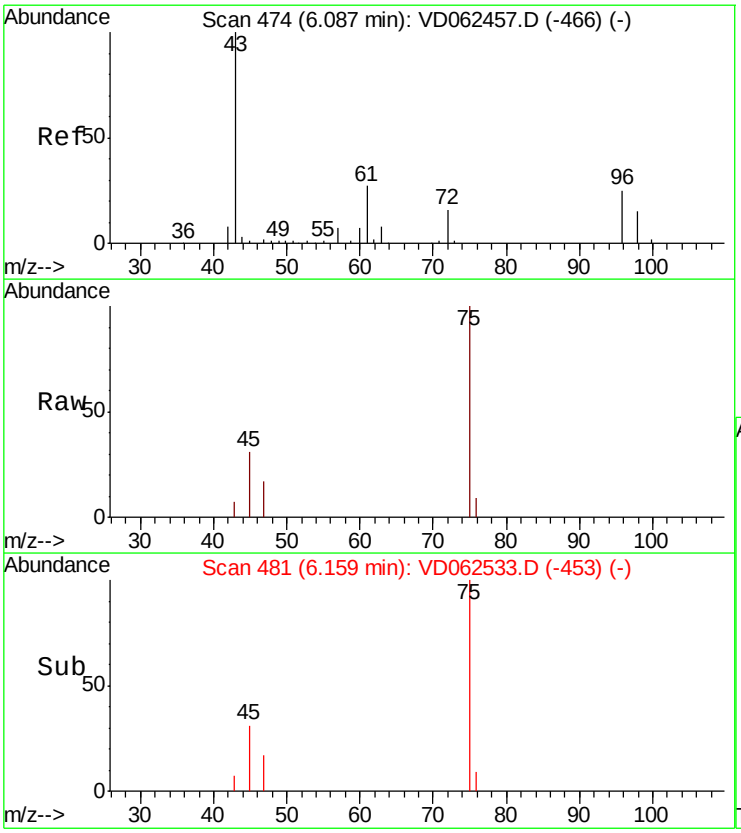
#20
Methylene Chloride
Concen: Below Cal
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Tgt Ion: 84 Resp: 8757

Ion	Ratio	Lower	Upper
84	100		
49	109.5	94.0	141.0
51	34.6	29.0	43.4
86	54.6	49.8	74.6

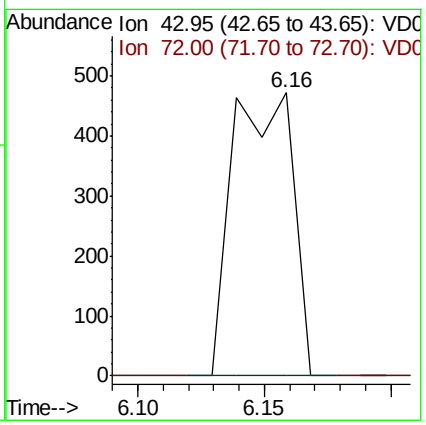


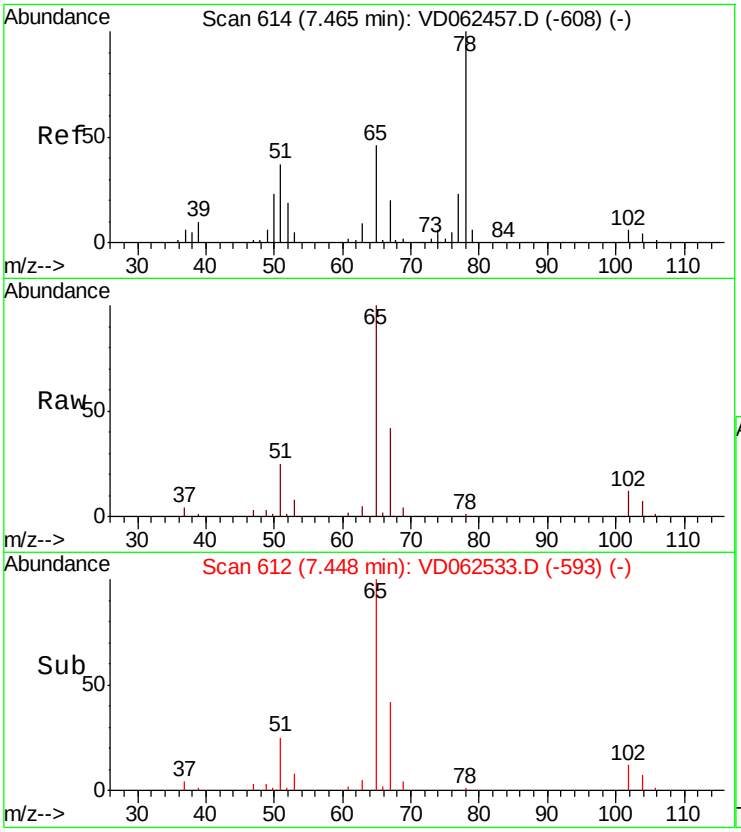


#25
2-Butanone
Concen: 1.150 ug/l
RT: 6.16 min Scan# 481
Delta R.T. 0.07 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#



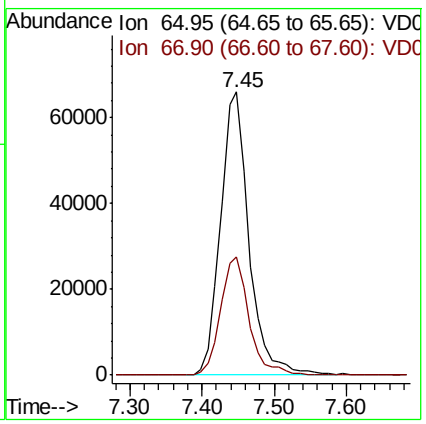


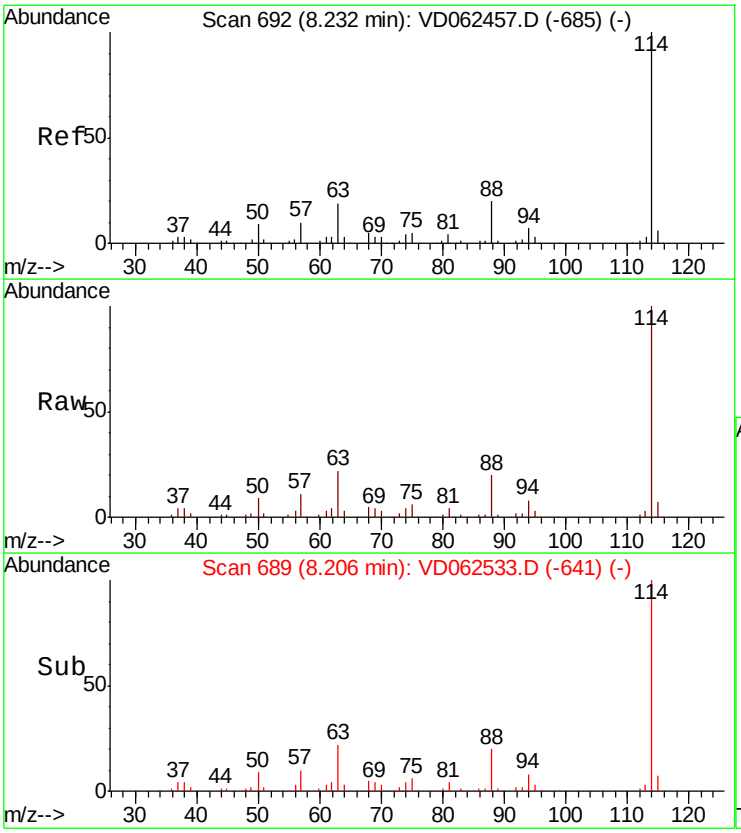
#33
1,2-Dichloroethane-d4
Concen: 49.178 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion: 65 Resp: 179627

Ion	Ratio	Lower	Upper
65	100		
67	42.0	0.0	98.0

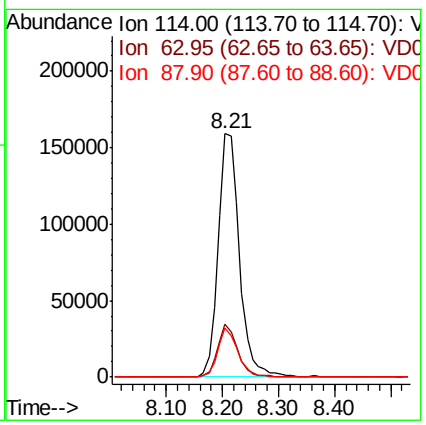


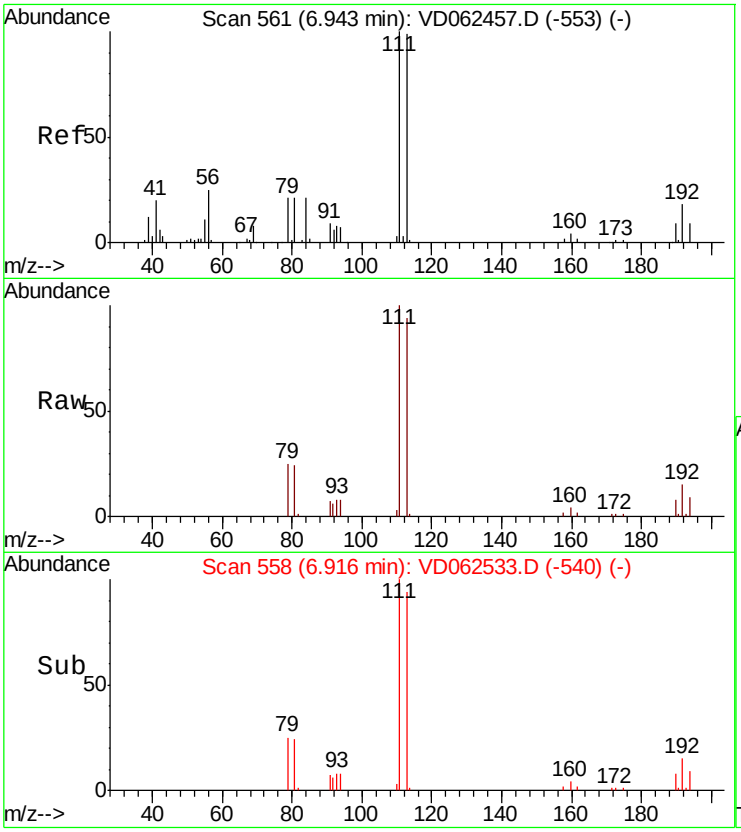


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:114 Resp: 423125

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	32.4
88	20.1	0.0	33.6



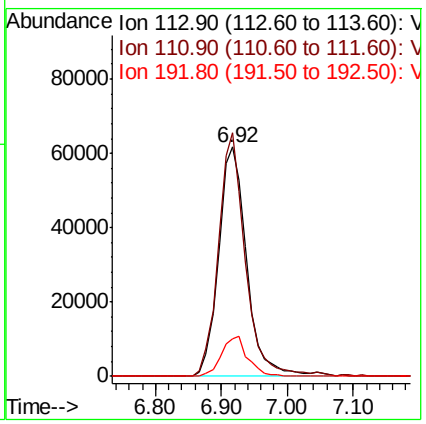


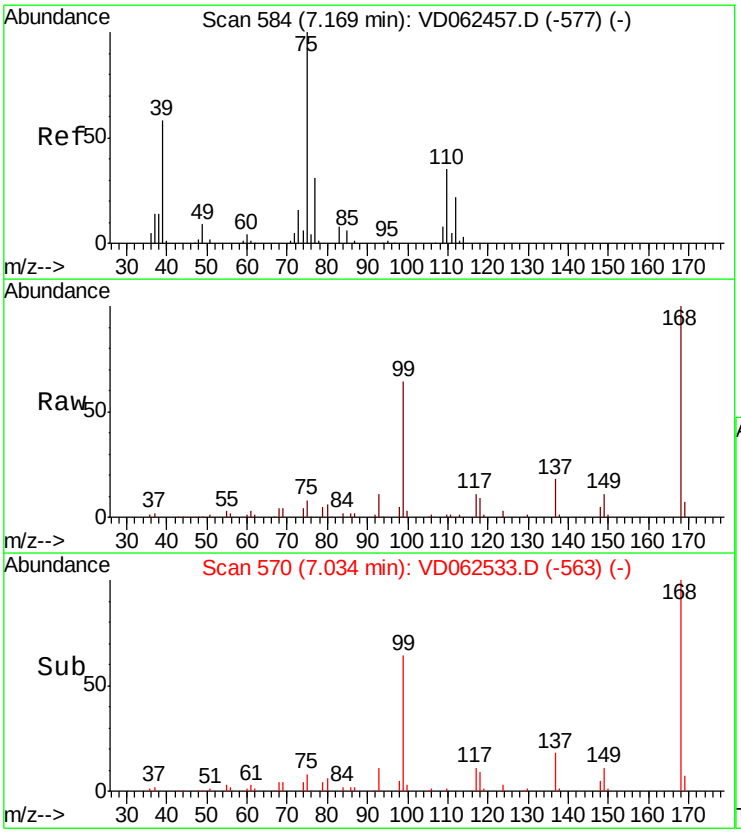
#35
Dibromofluoromethane
Concen: 48.112 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:113 Resp: 183649

Ion	Ratio	Lower	Upper
113	100		
111	106.1	78.5	117.7
192	16.1	13.0	19.4

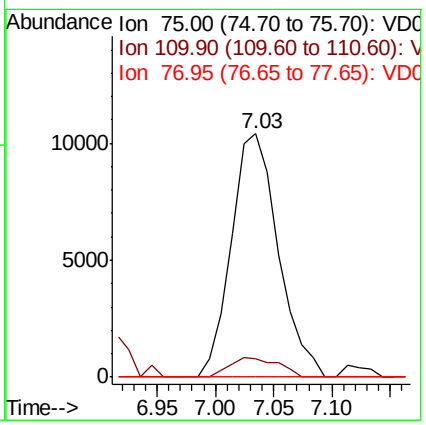


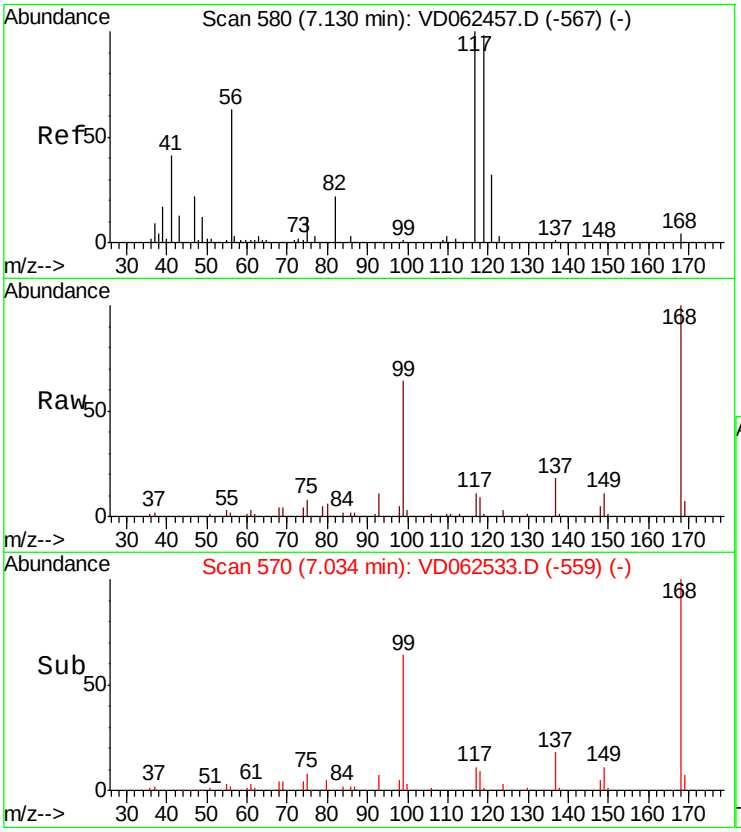


#36
1,1-Dichloropropene
Concen: 7.163 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.13 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 75 Resp: 28976

Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.1	57.1#
77	0.0	25.6	38.4#



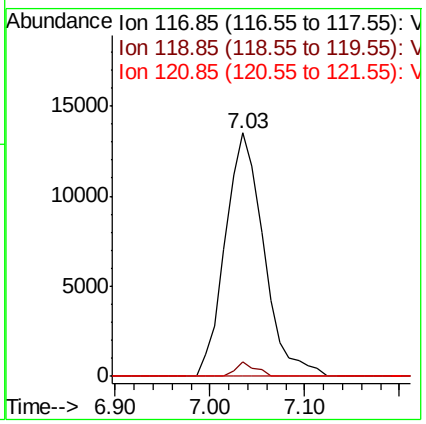


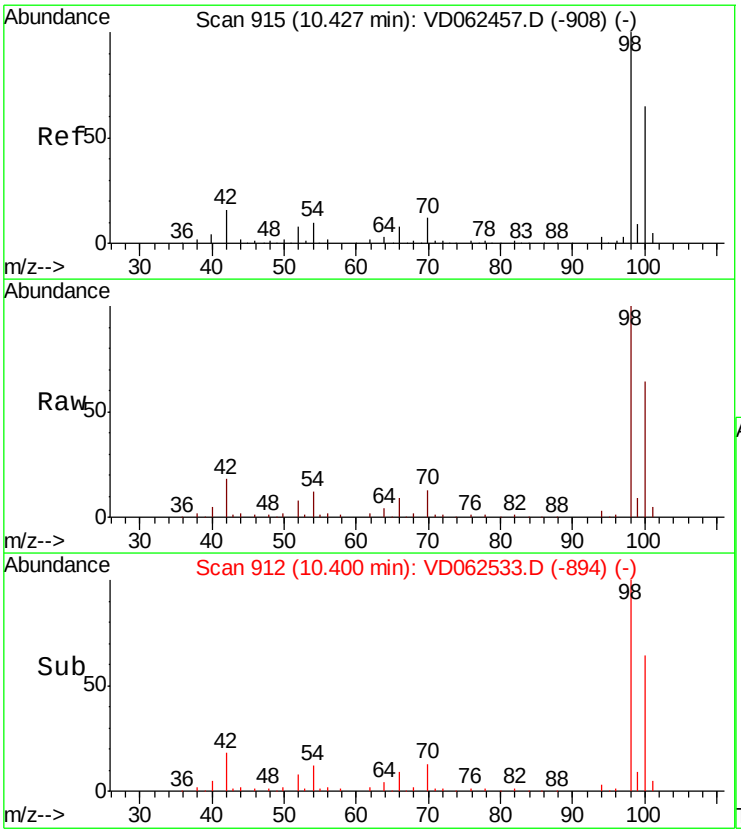
#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.10 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:117 Resp: 38038

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.8#
121	0.0	25.9	38.9#

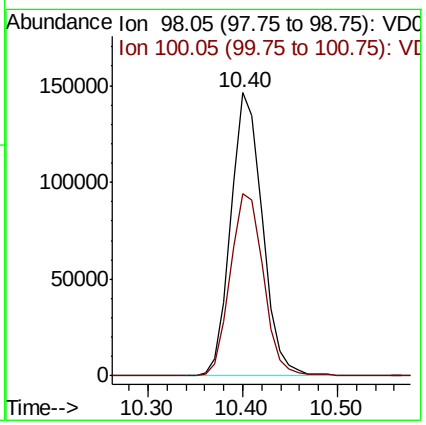


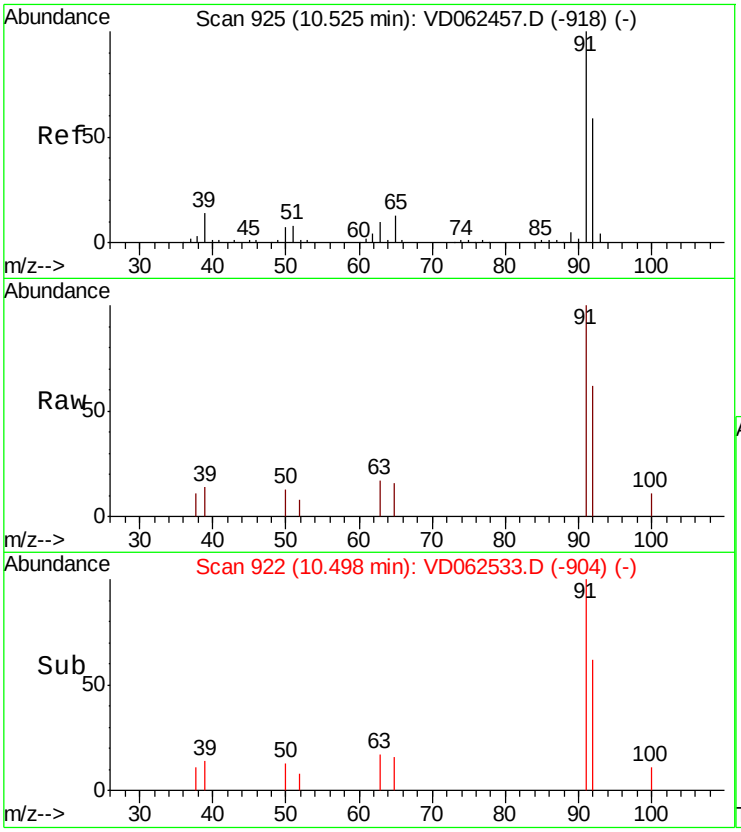


#50
Toluene-d8
Concen: 40.514 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 98 Resp: 338428

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.8	80.8



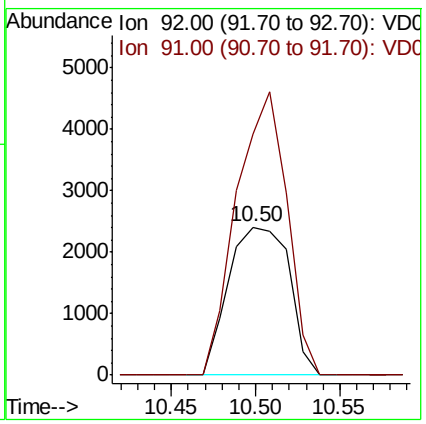


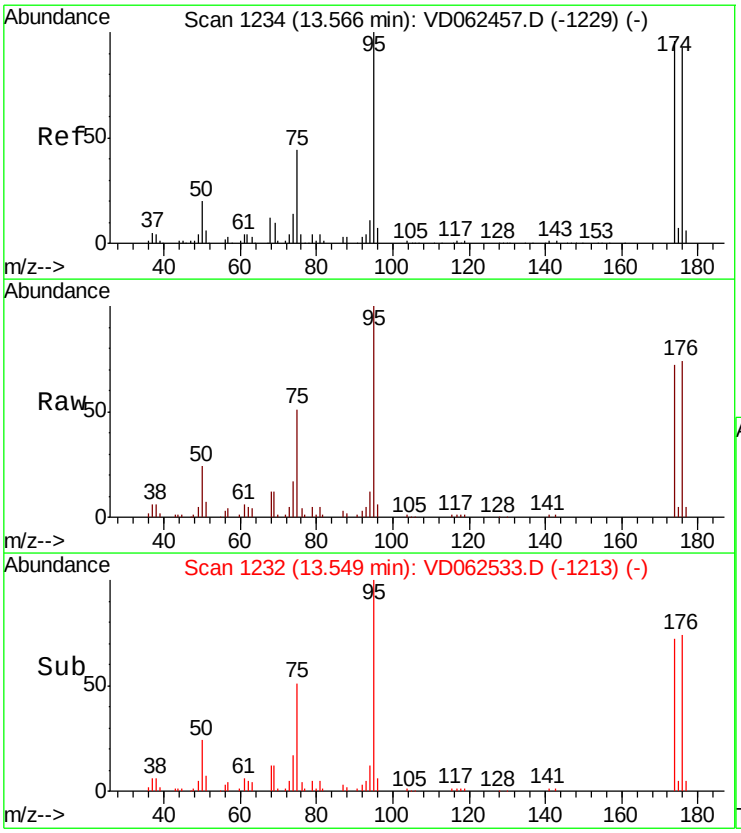
#52
Toluene
Concen: 1.111 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion: 92 Resp: 6034

Ion	Ratio	Lower	Upper
92	100		
91	162.6	136.6	204.8

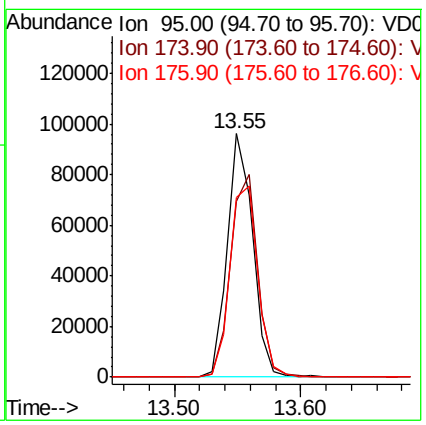


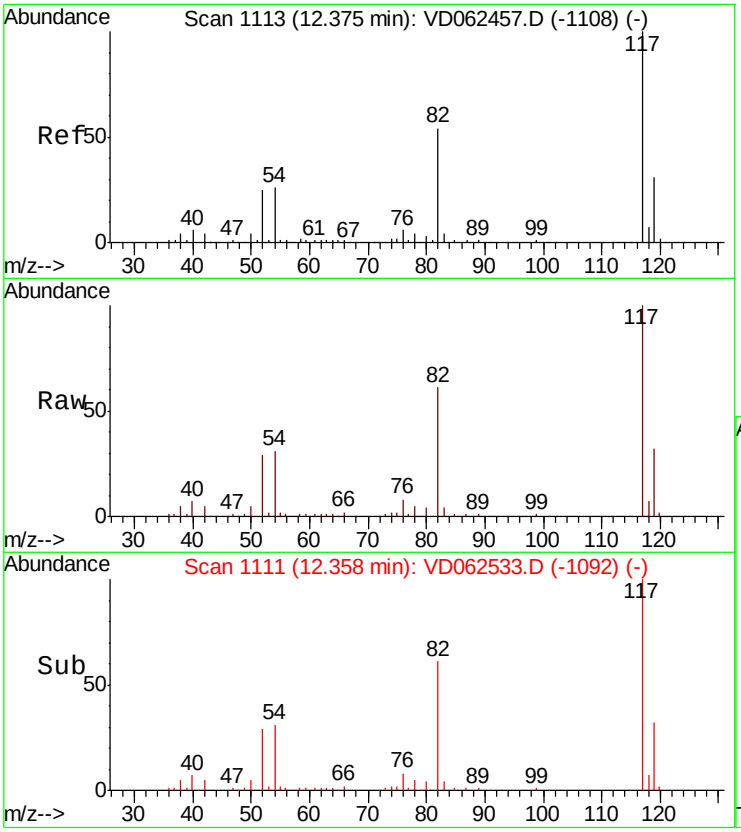


#62
4-Bromofluorobenzene
Concen: 36.315 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 95 Resp: 132696

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	181.8
176	73.9	0.0	174.4



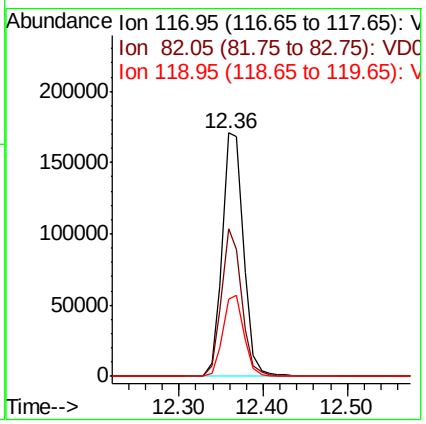


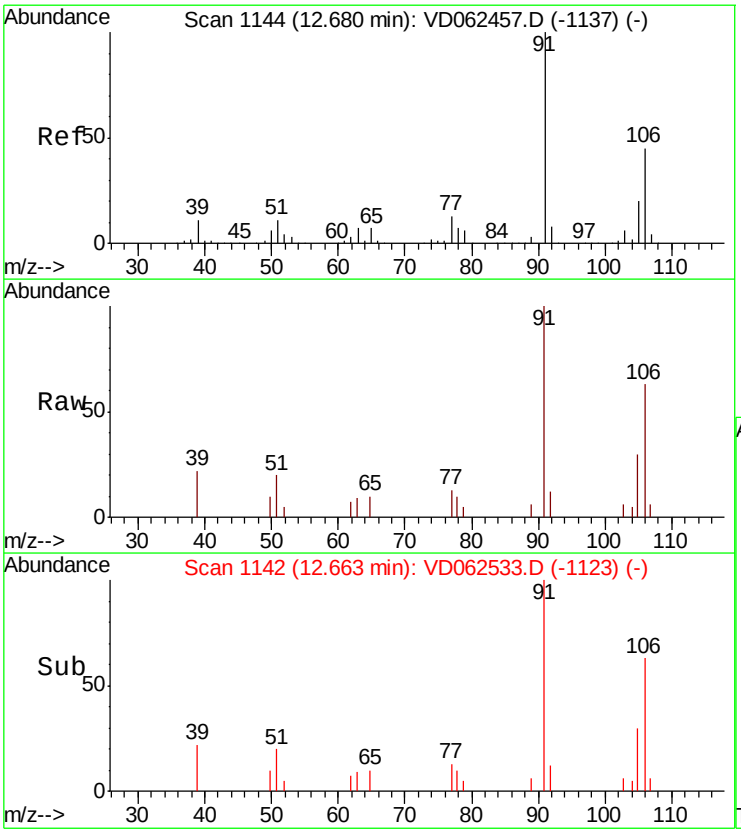
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument : MSVOA_D
ClientSampleId : P-3(0.5-1.0)

Tgt Ion:117 Resp: 301635

Ion	Ratio	Lower	Upper
117	100		
82	60.8	36.2	54.2#
119	31.6	26.2	39.4

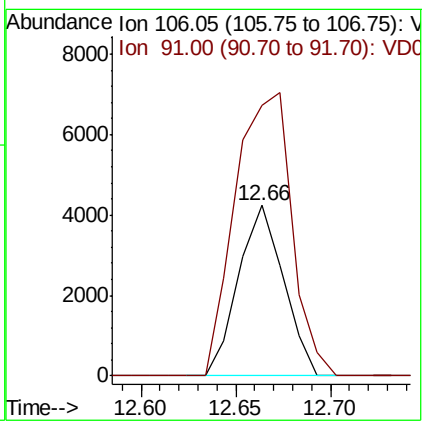


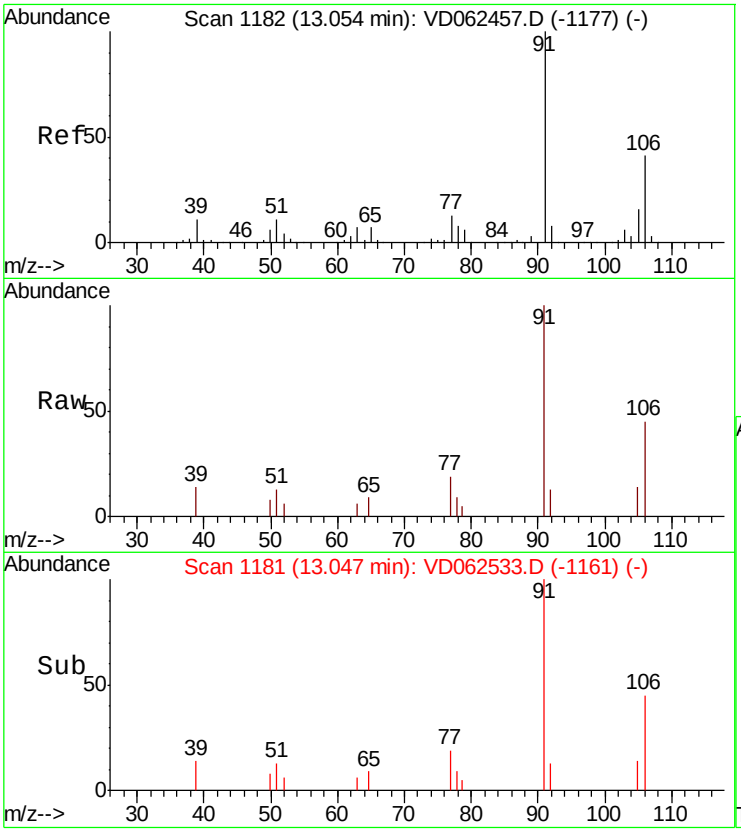


#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:106 Resp: 6978

Ion	Ratio	Lower	Upper
106	100		
91	158.3	164.0	246.0#



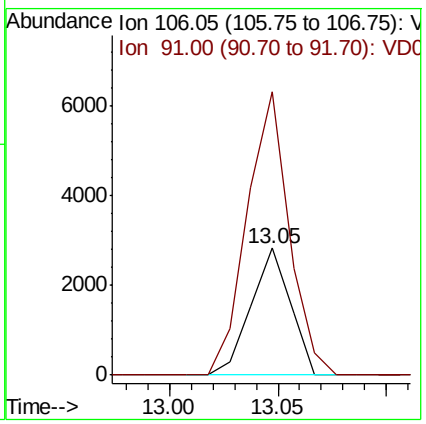


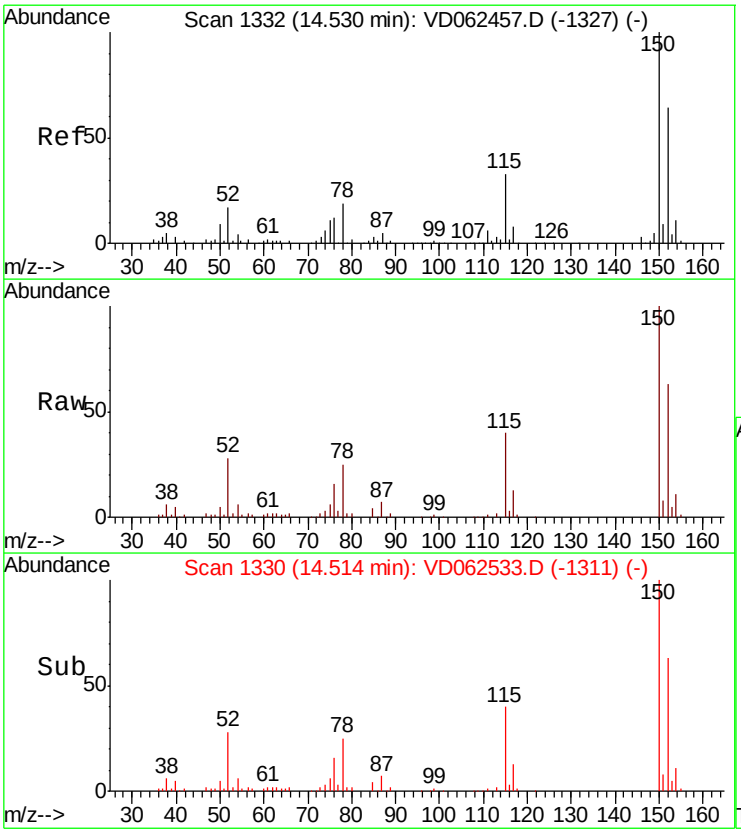
#69
o-Xylene
Concen: 1.056 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:106 Resp: 3573

Ion	Ratio	Lower	Upper
106	100		
91	223.6	106.7	319.9

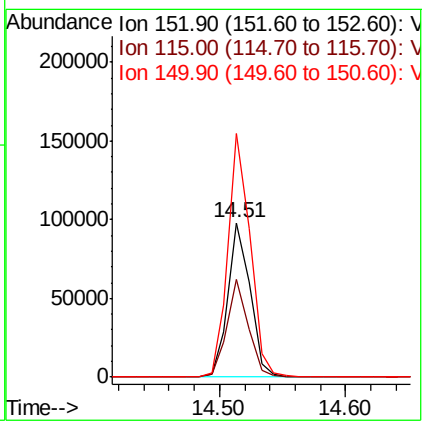


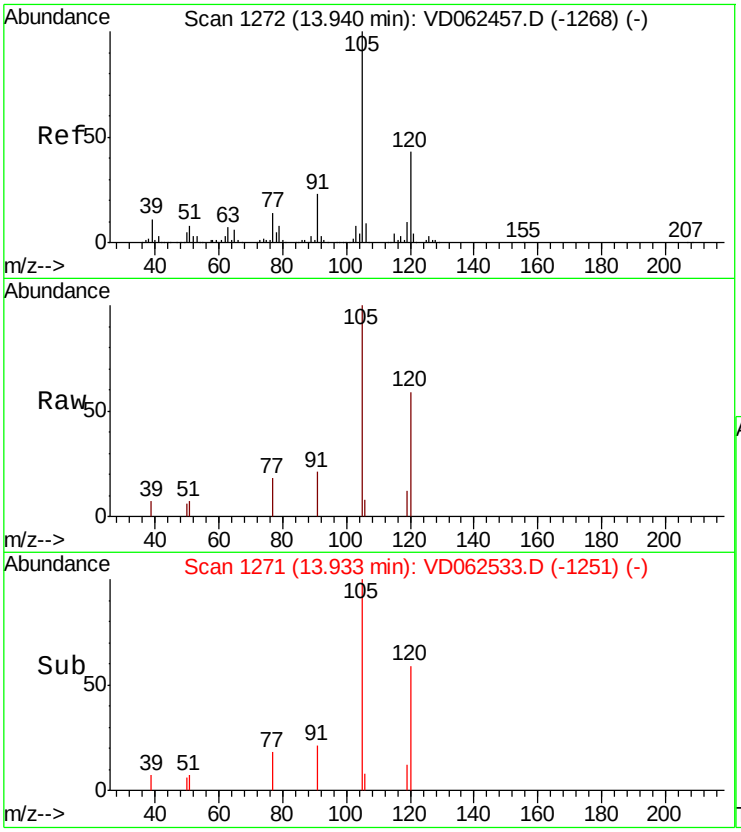


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:152 Resp: 118374

Ion	Ratio	Lower	Upper
152	100		
115	63.7	30.9	92.7
150	157.8	0.0	314.8



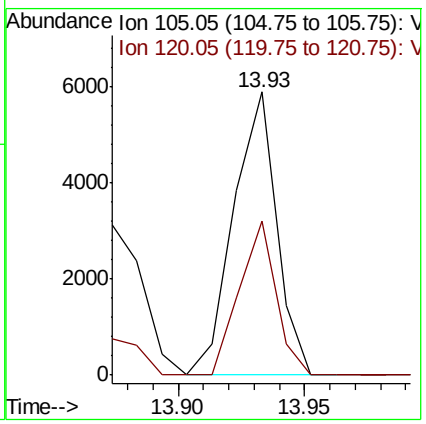


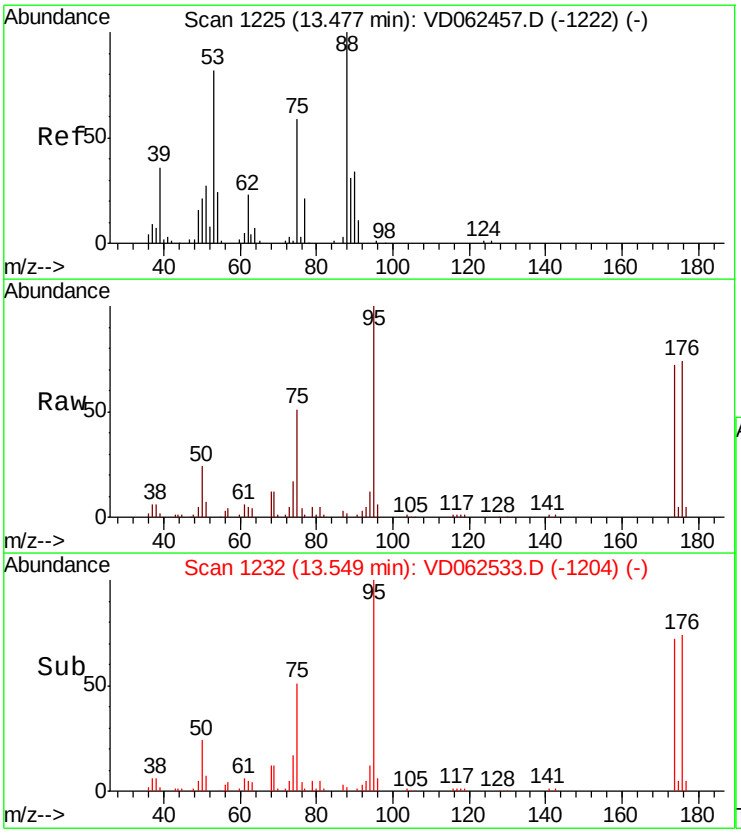
#80
1,3,5-Trimethylbenzene
Concen: 1.078 ug/l
RT: 13.93 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:105 Resp: 6966

Ion	Ratio	Lower	Upper
105	100		
120	54.6	24.0	72.0

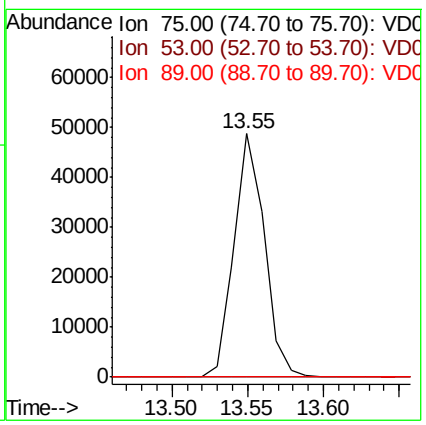


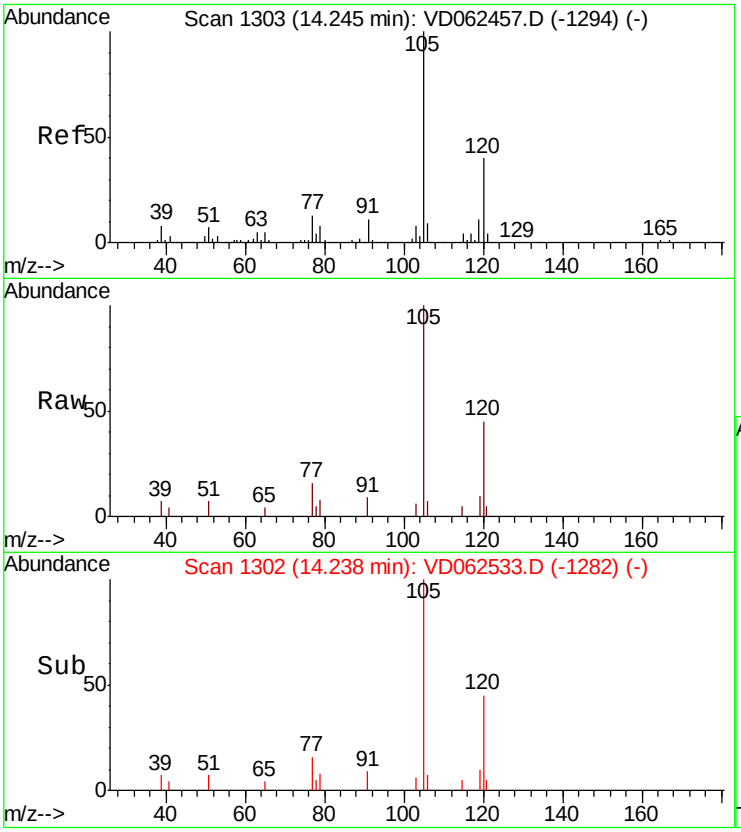


#81
trans-1,4-Dichloro-2-butene
Concen: 172.348 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion: 75 Resp: 67773

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#



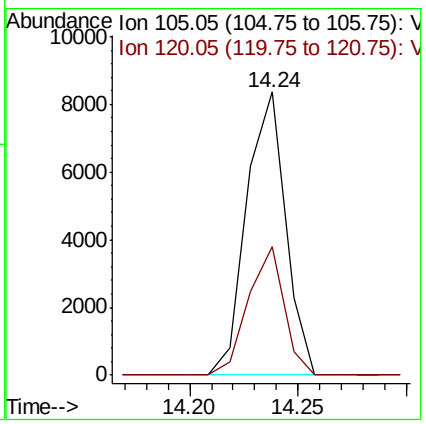


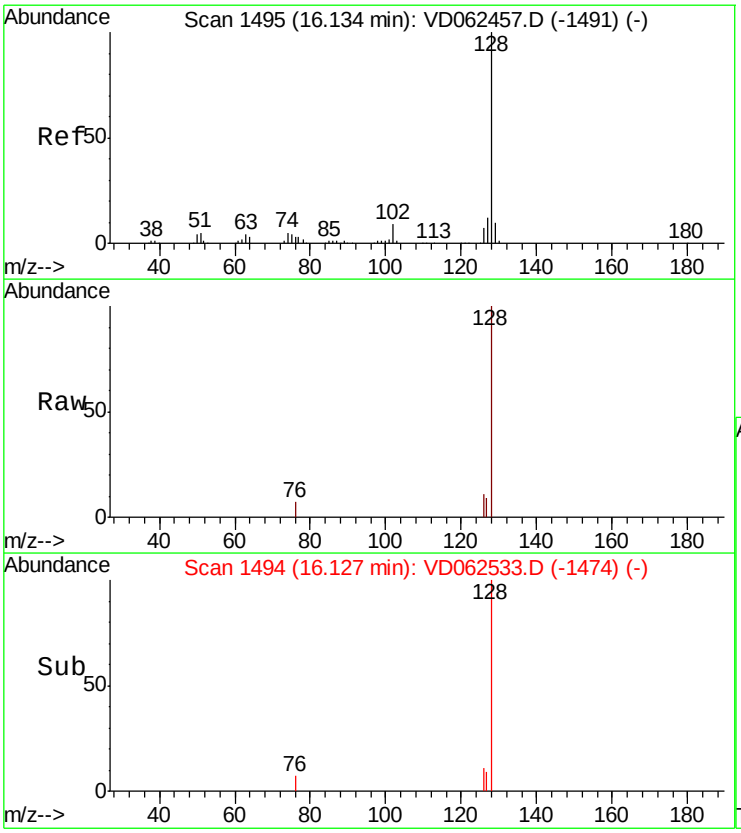
#84
1,2,4-Trimethylbenzene
Concen: 1.575 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Instrument :
MSVOA_D
ClientSampleId :
P-3(0.5-1.0)

Tgt Ion:105 Resp: 10429

Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.2





#95
Naphthalene
Concen: 1.571 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. -0.01 min
Lab File: VD062533.D
Acq: 24 May 2019 15:49

Tgt Ion:128 Resp: 5371

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#