Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051719\
Data File : VD062443.D
Acq On : 17 May 2019 17:07
Operator : FY/SY
Sample : K2822-03
Misc : 5.02g/5mL/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : S-3

Quant Time: May 17 17:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	314022	50.00	ug/l		0.03
34) 1,4-Difluorobenzene	8.23	114	447164	50.00	ug/l		0.03
63) Chlorobenzene-d5	12.37	117	318731	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	139337	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.47	65	123319	42.26	ug/l		0.04
Spiked Amount 50.000			Recovery = 84.52%				
35) Dibromofluoromethane	6.94	113	135098	36.41	ug/l		0.04
Spiked Amount 50.000			Recovery = 72.82%				
50) Toluene-d8	10.41	98	247123	27.63	ug/l		0.01
Spiked Amount 50.000			Recovery = 55.26%				
62) 4-Bromofluorobenzene	13.56	95	94887	26.41	ug/l		0.01
Spiked Amount 50.000			Recovery = 52.82%				
Target Compounds							Qvalue
5) Bromomethane	2.13	94	1434	2.869	ug/l	#	12
15) Acrylonitrile	4.21	53	539	1.377	ug/l	#	1
16) Acetone	3.23	43	9711	15.868	ug/l	#	75
18) Methyl Acetate	3.65	43	2741	2.214	ug/l	#	53
20) Methylene Chloride	3.82	84	7618	2.981	ug/l		94
25) 2-Butanone	6.08	43	3671	5.499	ug/l	#	56
29) Tetrahydrofuran	6.46	42	807	2.624	ug/l	#	30
38) Carbon Tetrachloride	7.05	117	33835	6.668	ug/l	#	17
39) Methylcyclohexane	8.88	83	4734	1.348	ug/l		91
51) 4-Methyl-2-Pentanone	10.31	43	3430	2.420	ug/l		100
59) 2-Hexanone	11.54	43	2277	2.180	ug/l		99
68) m/p-Xylenes	12.67	106	4268	1.180	ug/l		77
75) 1,1,2,2-Tetrachloroethane	13.72	83	2951	1.866	ug/l	#	48
81) trans-1,4-Dichloro-2-buten	13.56	75	40098	85.776	ug/l	#	16
83) tert-Butylbenzene	14.19	119	8286	1.048	ug/l		92
84) 1,2,4-Trimethylbenzene	14.24	105	7524	1.066	ug/l		68
95) Naphthalene	16.13	128	8226	2.301	ug/l	#	80

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

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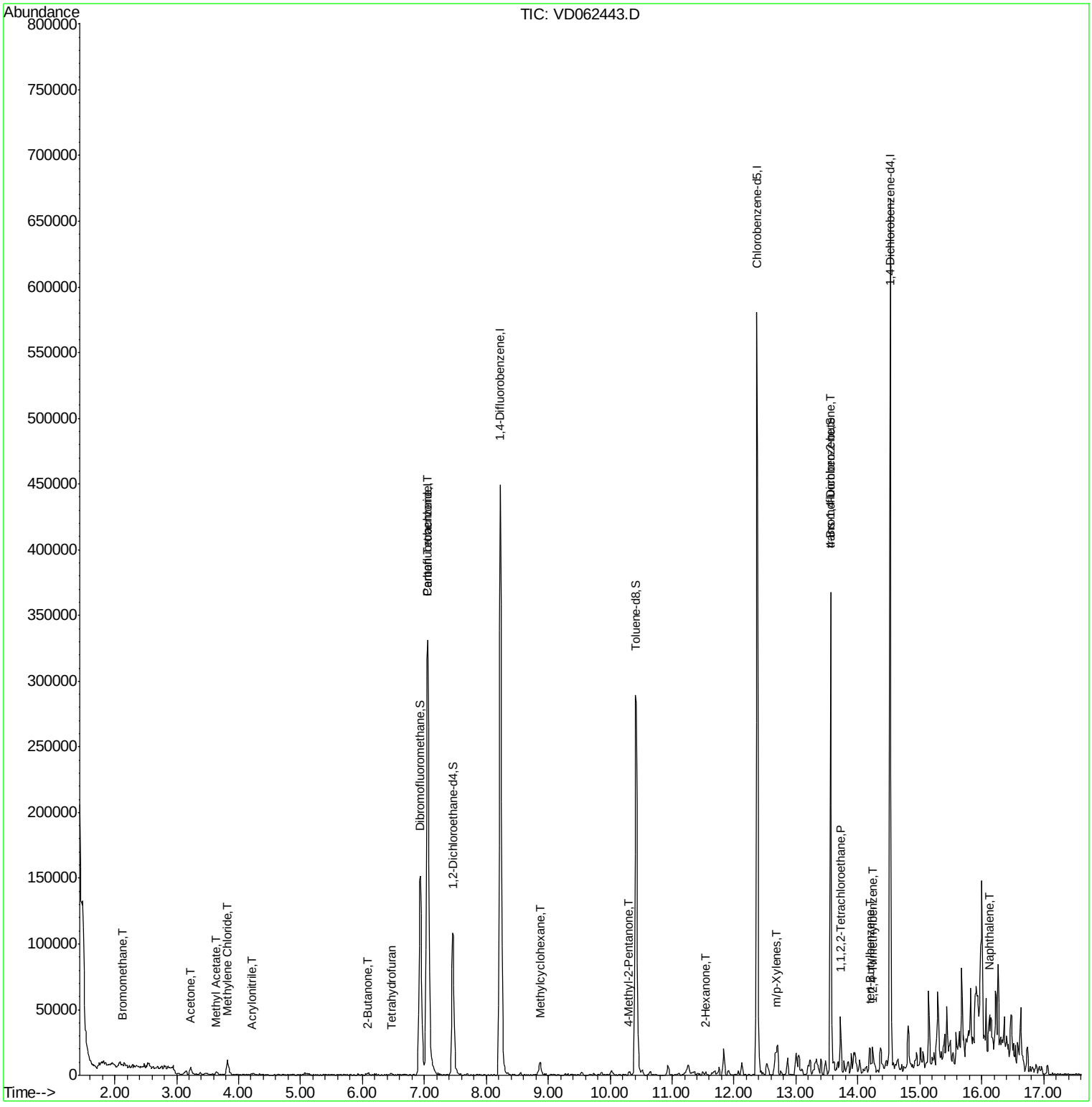
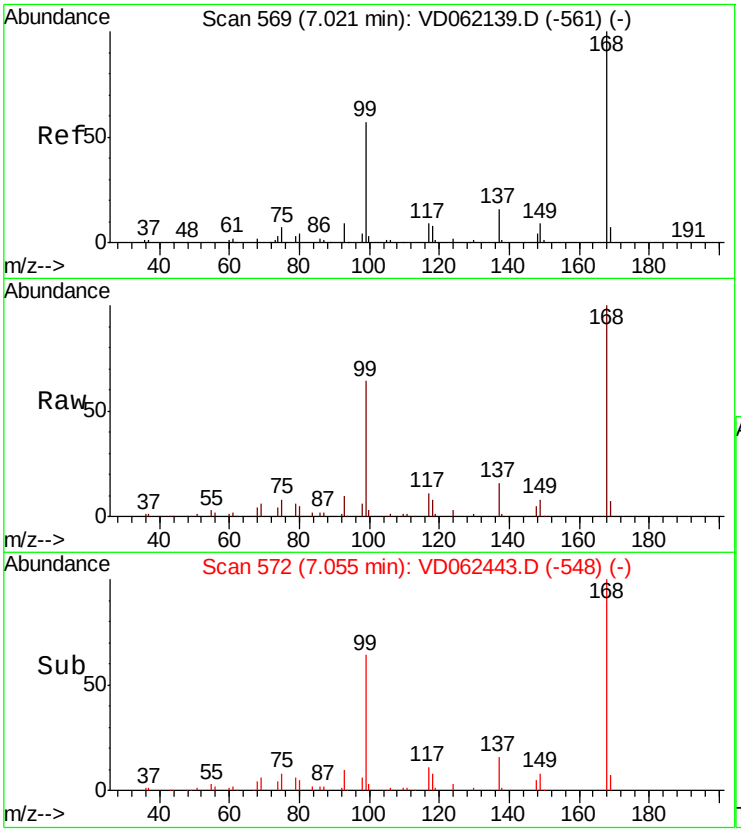
S-3

Quant Time: May 17 17:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration



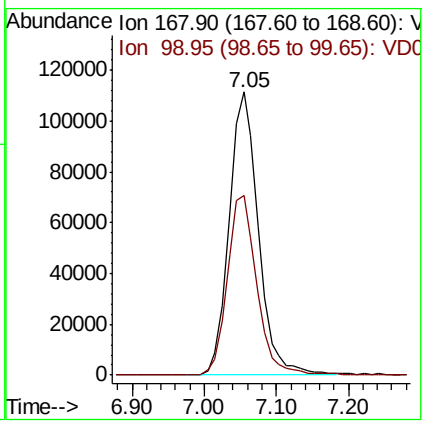


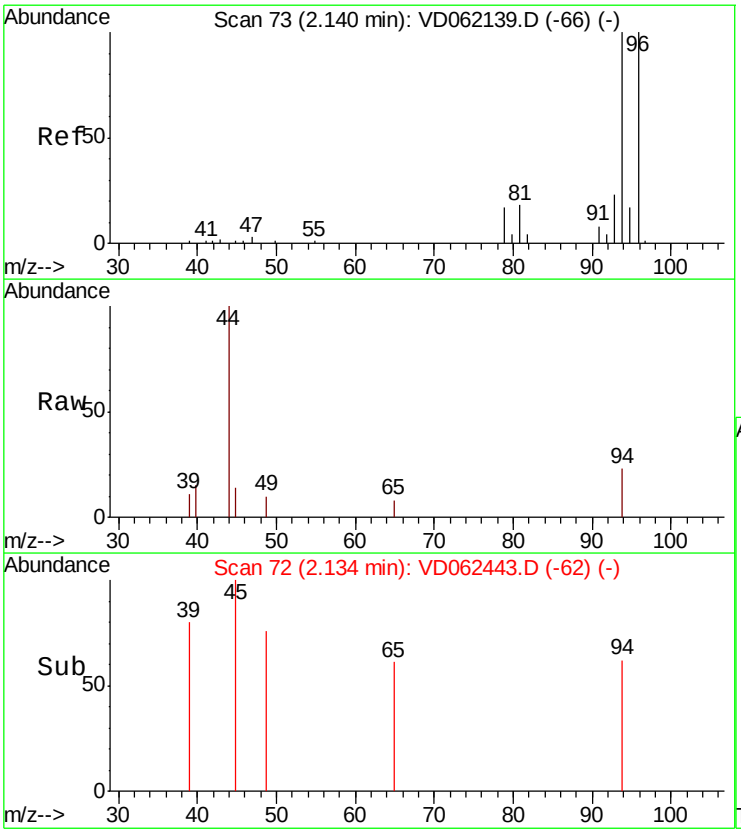
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion:168 Resp: 314022

Ion	Ratio	Lower	Upper
168	100		
99	63.6	46.5	69.7

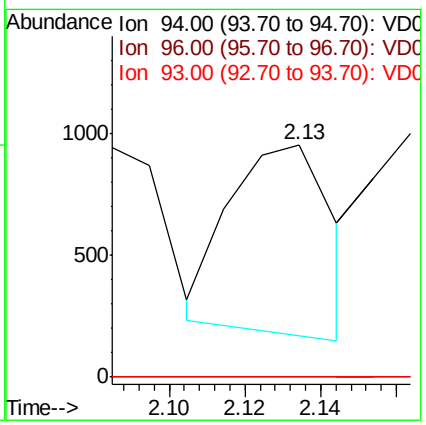


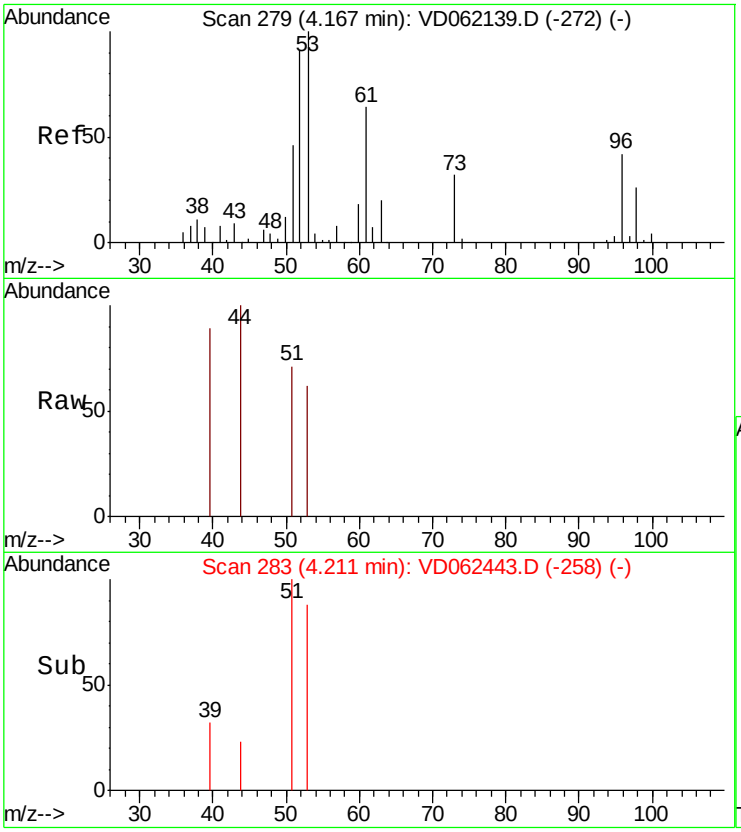


#5
Bromomethane
Concen: 2.869 ug/l
RT: 2.13 min Scan# 72
Delta R.T. -0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 94 Resp: 1434

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



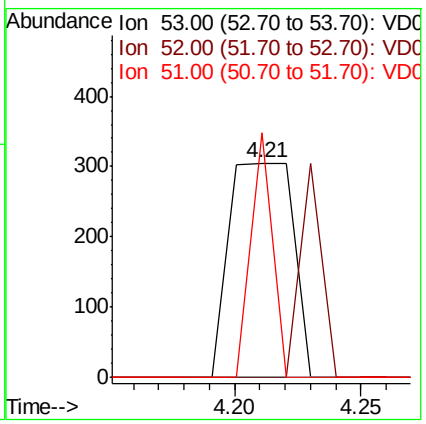


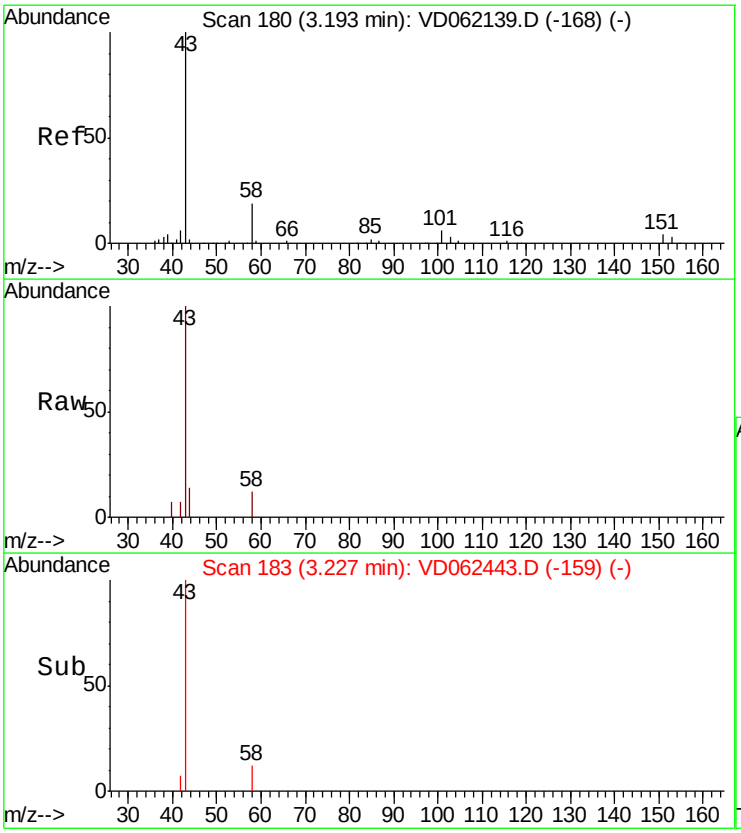
#15
Acrylonitrile
Concen: 1.377 ug/l
RT: 4.21 min Scan# 283
Delta R.T. 0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion: 53 Resp: 539

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.0	97.4#
51	114.1	32.6	48.8#

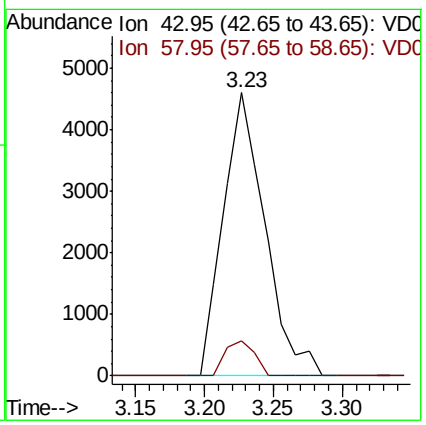


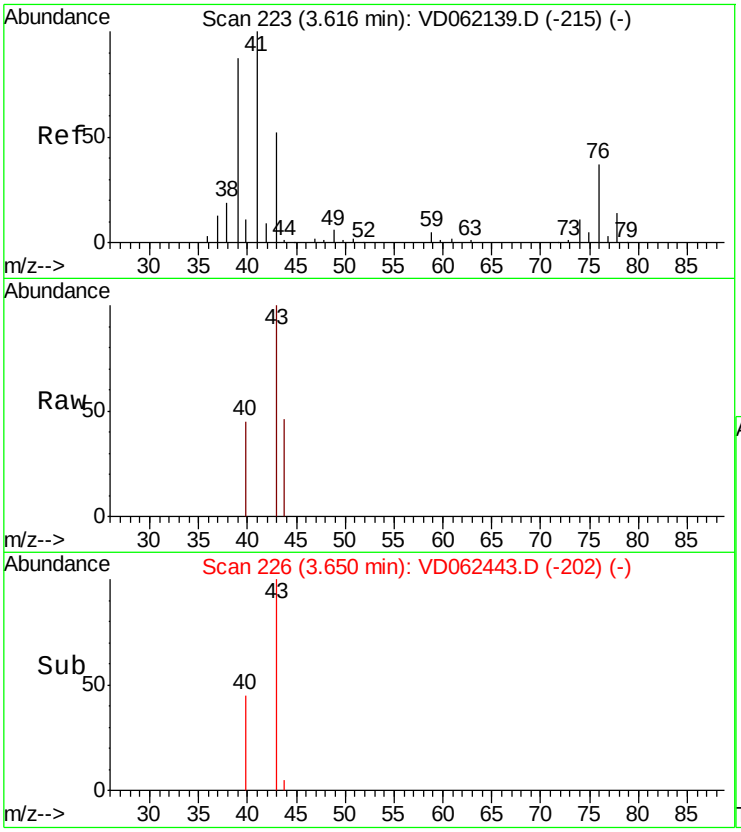


#16
Acetone
Concen: 15.868 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 43 Resp: 9711

Ion	Ratio	Lower	Upper
43	100		
58	12.3	19.9	29.9#



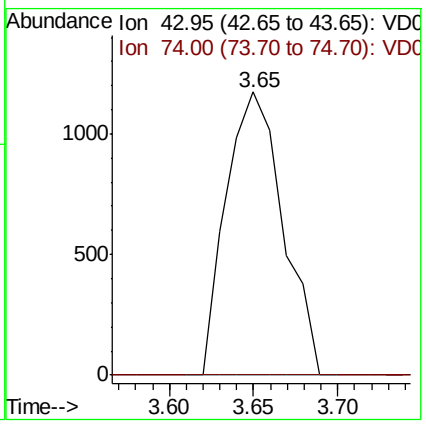


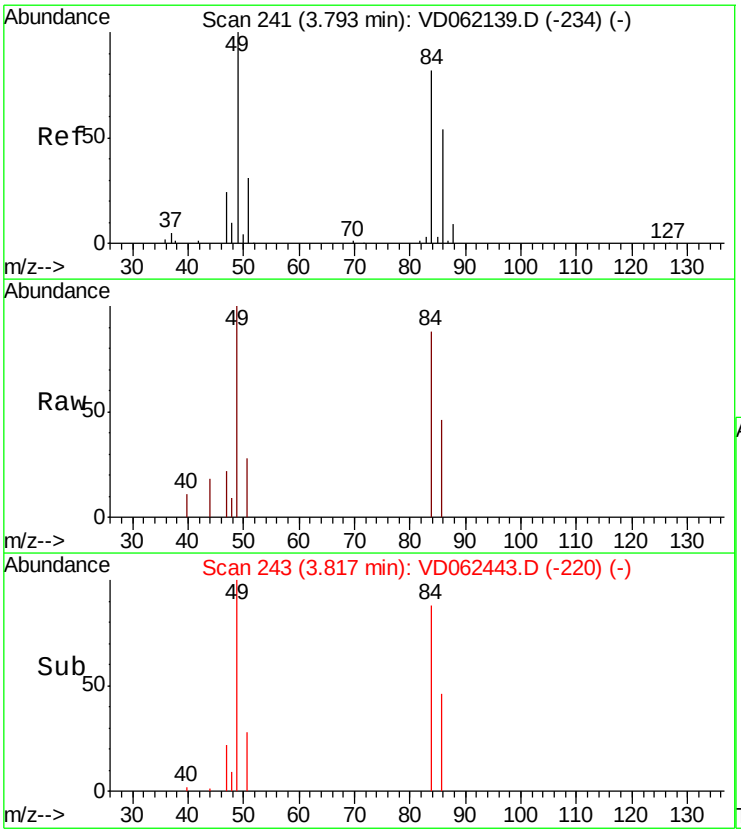
#18
Methyl Acetate
Concen: 2.214 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion: 43 Resp: 2741

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

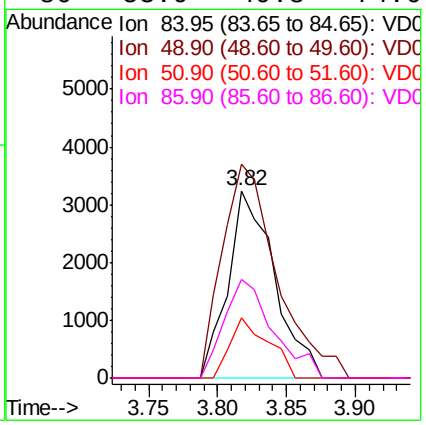


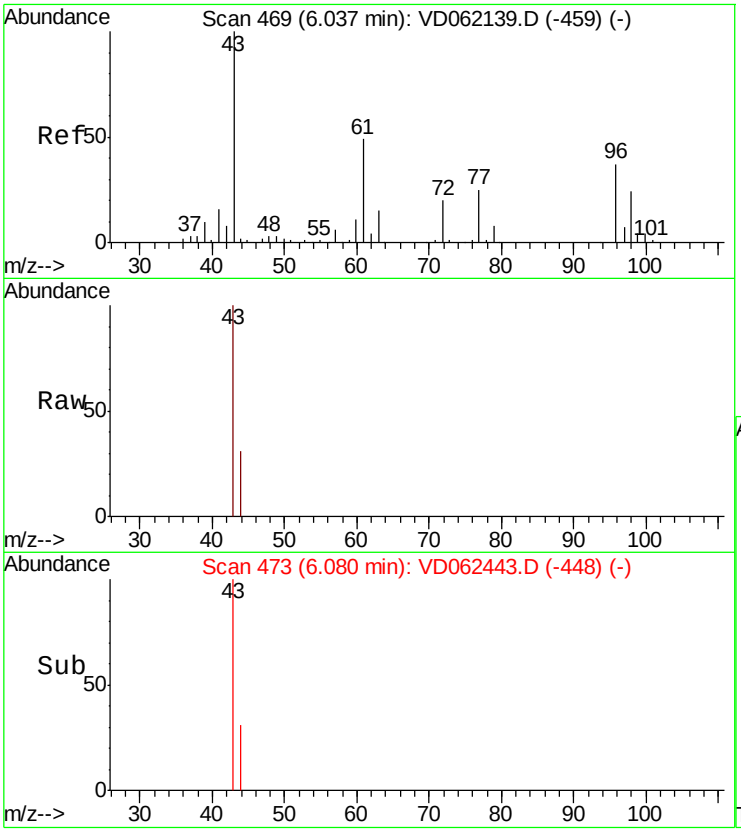


#20
Methylene Chloride
Concen: 2.981 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 84 Resp: 7618

Ion	Ratio	Lower	Upper
84	100		
49	114.2	94.0	141.0
51	31.9	29.0	43.4
86	53.0	49.8	74.6



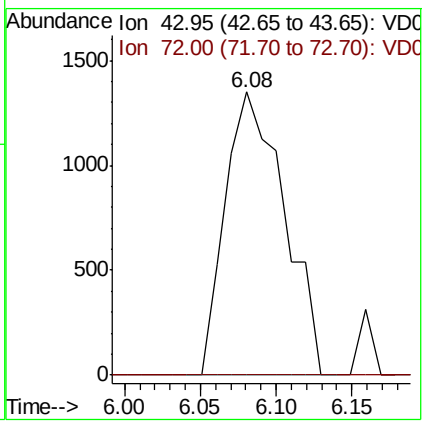


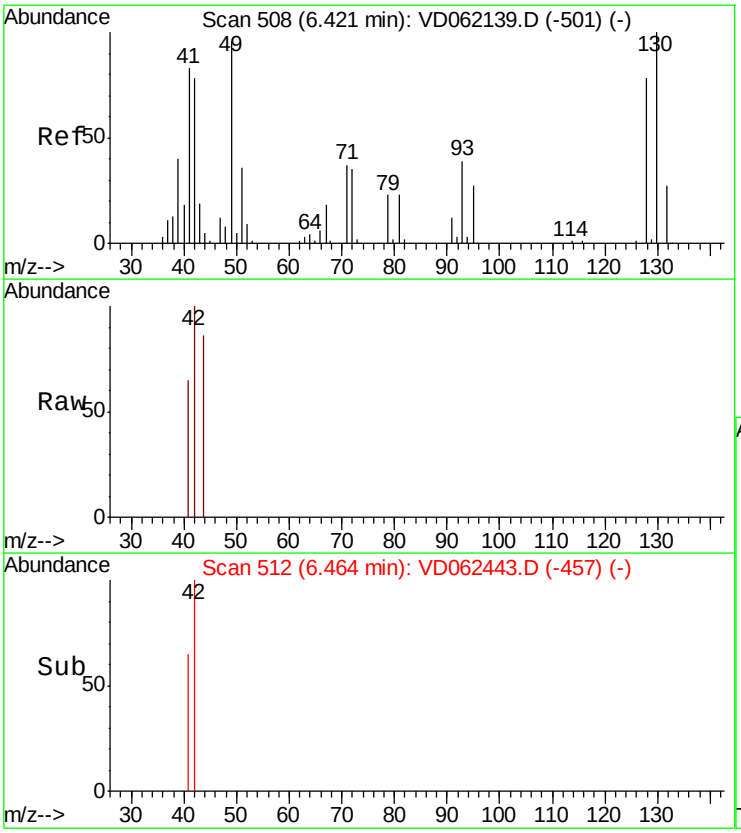
#25
2-Butanone
Concen: 5.499 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion: 43 Resp: 3671

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

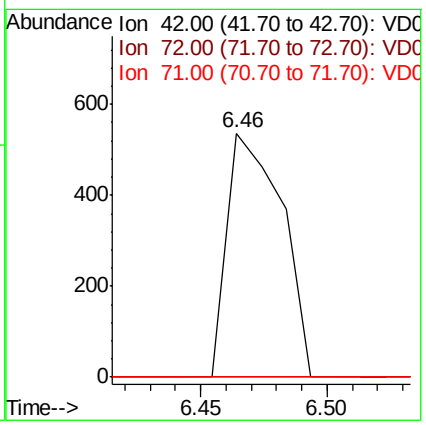


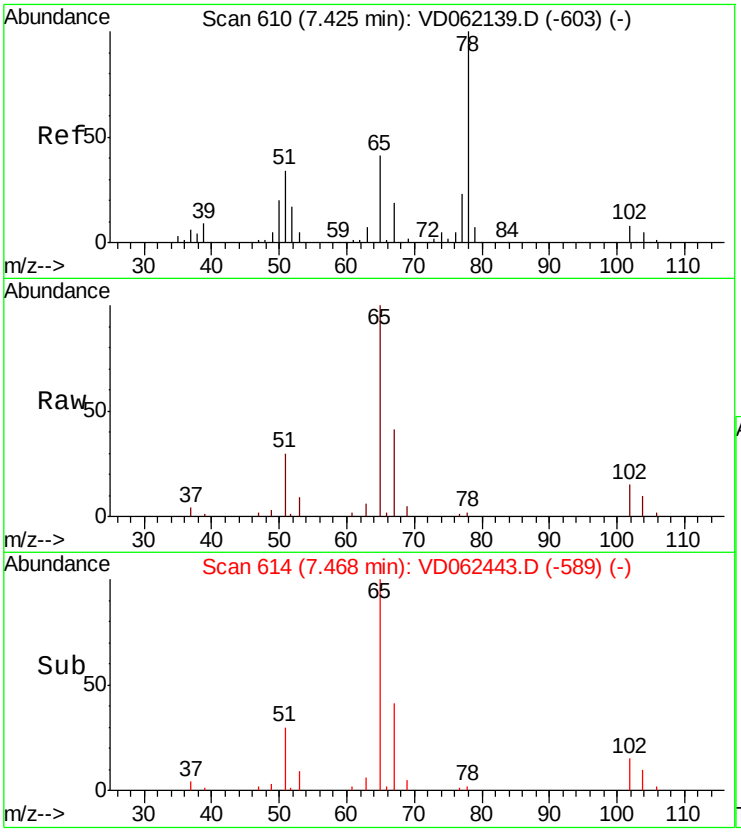


#29
Tetrahydrofuran
Concen: 2.624 ug/l
RT: 6.46 min Scan# 512
Delta R.T. 0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 42 Resp: 807

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.7	55.1#



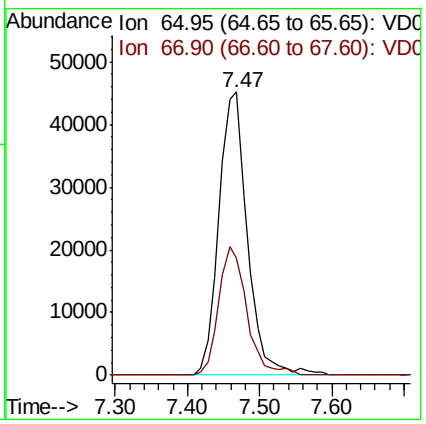


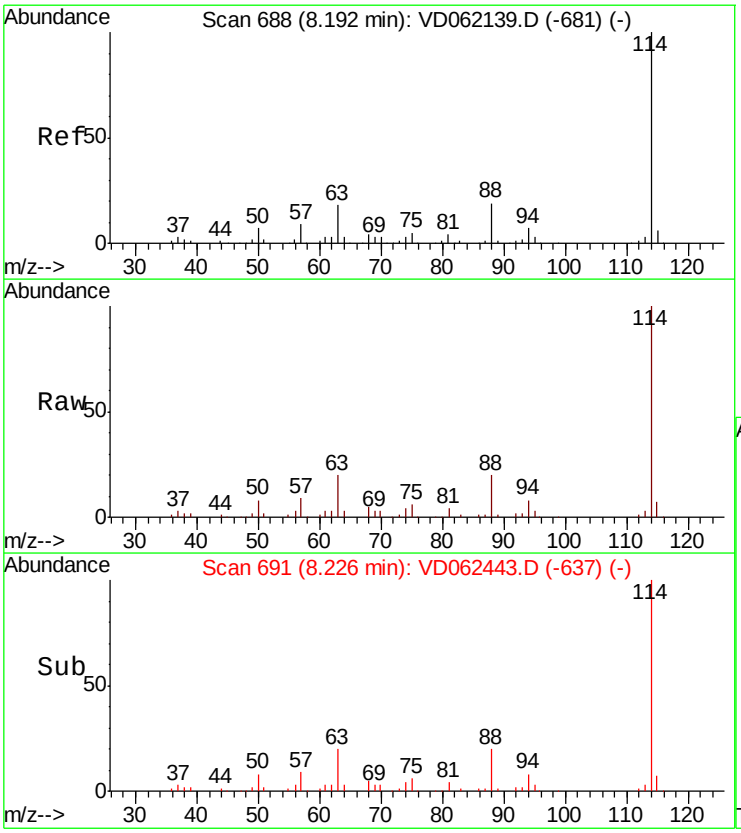
#33
1,2-Dichloroethane-d4
Concen: 42.258 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion: 65 Resp: 123319

Ion	Ratio	Lower	Upper
65	100		
67	41.3	0.0	98.0

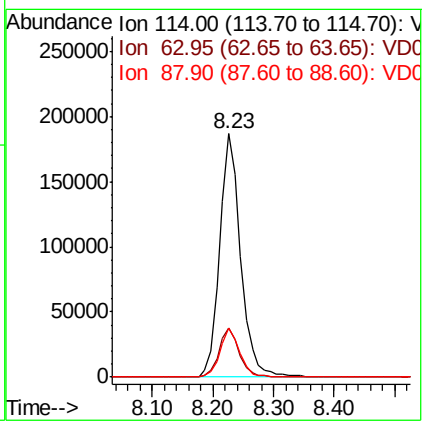


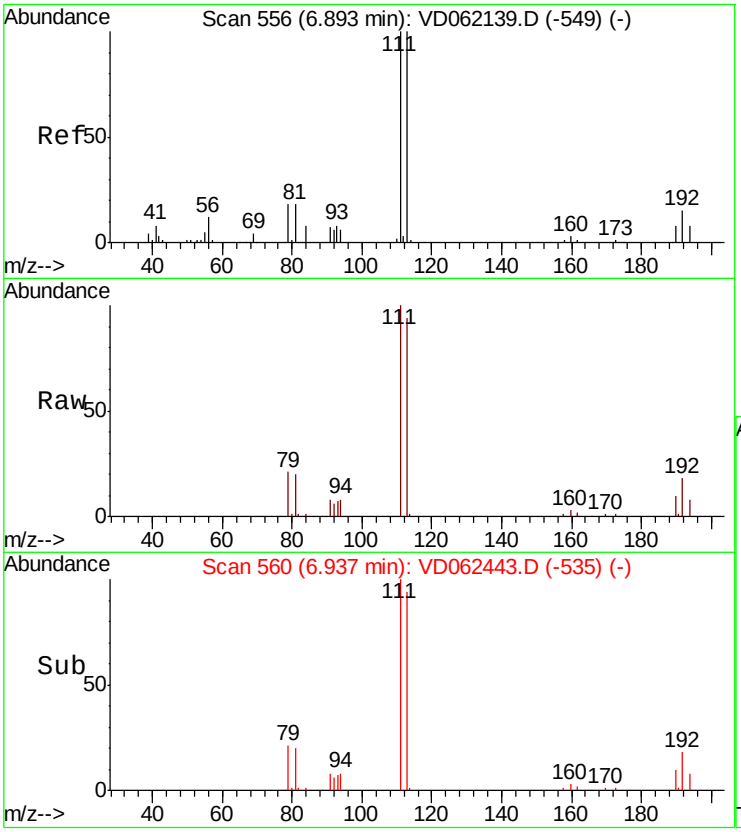


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:114 Resp: 447164

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	32.4
88	19.9	0.0	33.6



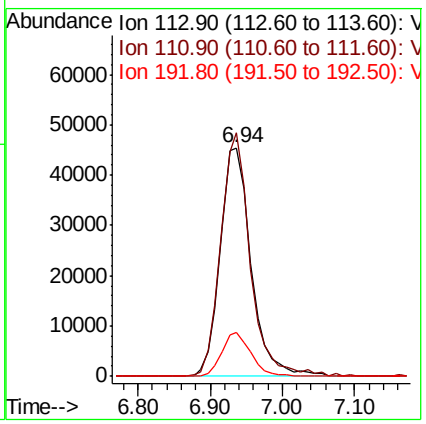


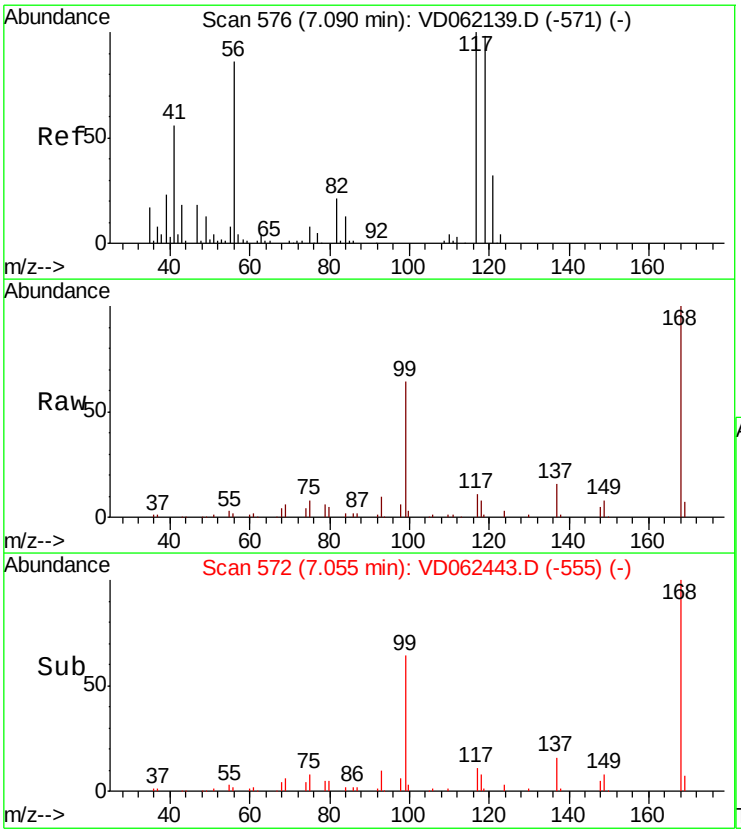
#35
Dibromofluoromethane
Concen: 36.413 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion:113 Resp: 135098

Ion	Ratio	Lower	Upper
113	100		
111	106.6	78.5	117.7
192	19.4	13.0	19.4

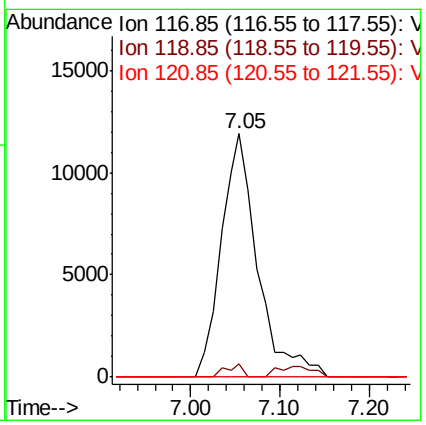


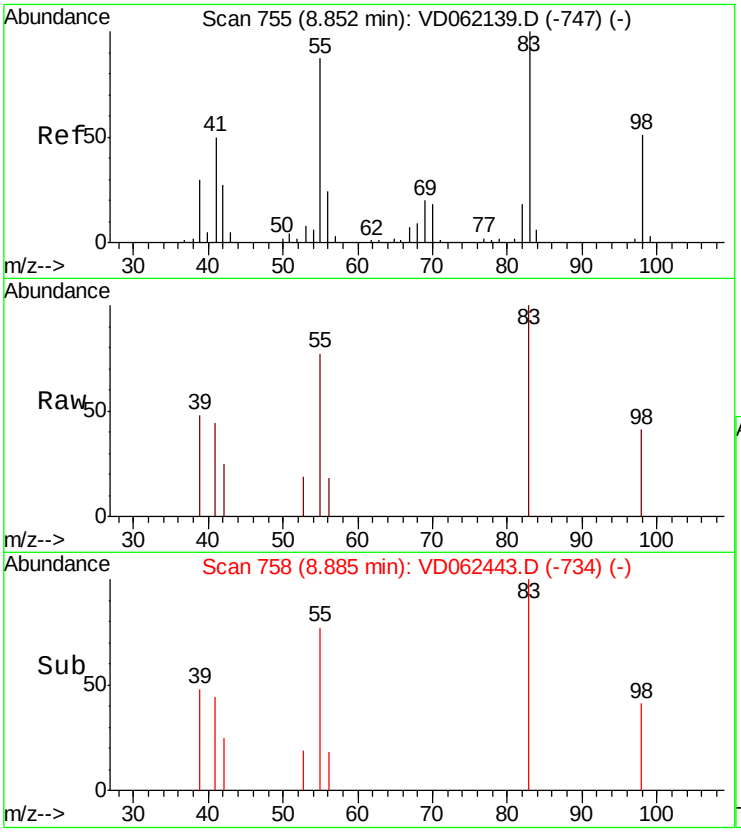


#38
Carbon Tetrachloride
Concen: 6.668 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:117 Resp: 33835

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	25.9	38.9#



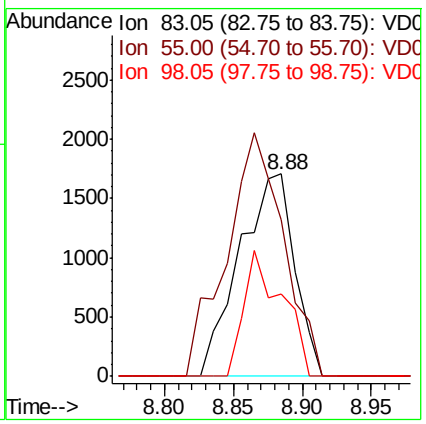


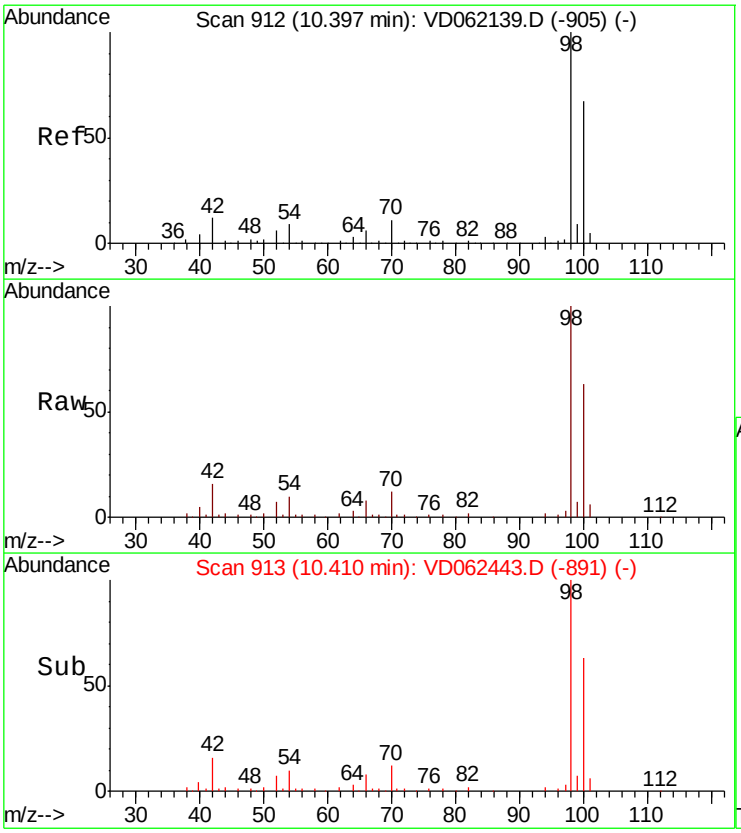
#39
Methylcyclohexane
Concen: 1.348 ug/l
RT: 8.88 min Scan# 758
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion: 83 Resp: 4734

Ion	Ratio	Lower	Upper
83	100		
55	77.4	68.2	102.4
98	40.9	38.2	57.4

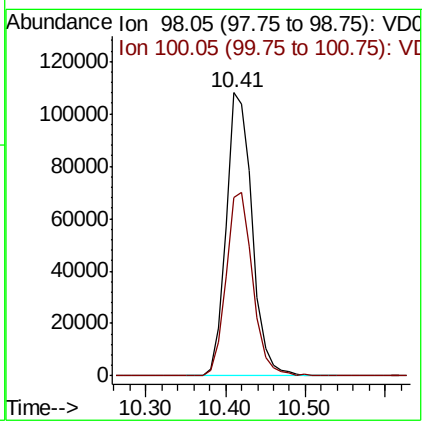


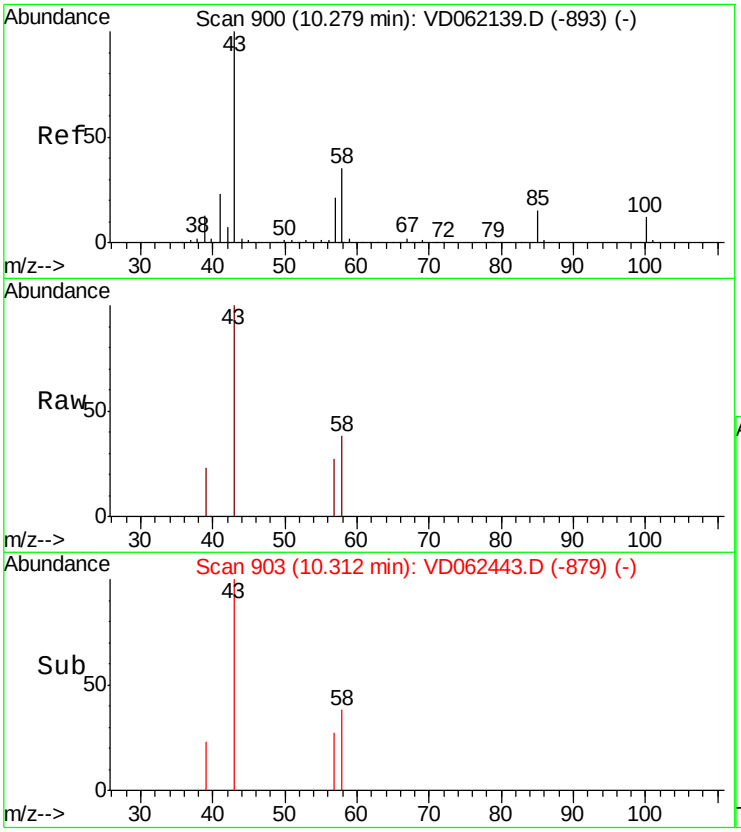


#50
Toluene-d8
Concen: 27.625 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 98 Resp: 247123

Ion	Ratio	Lower	Upper
98	100		
100	63.0	53.8	80.8



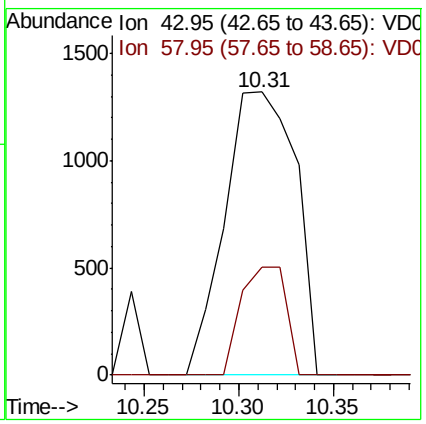


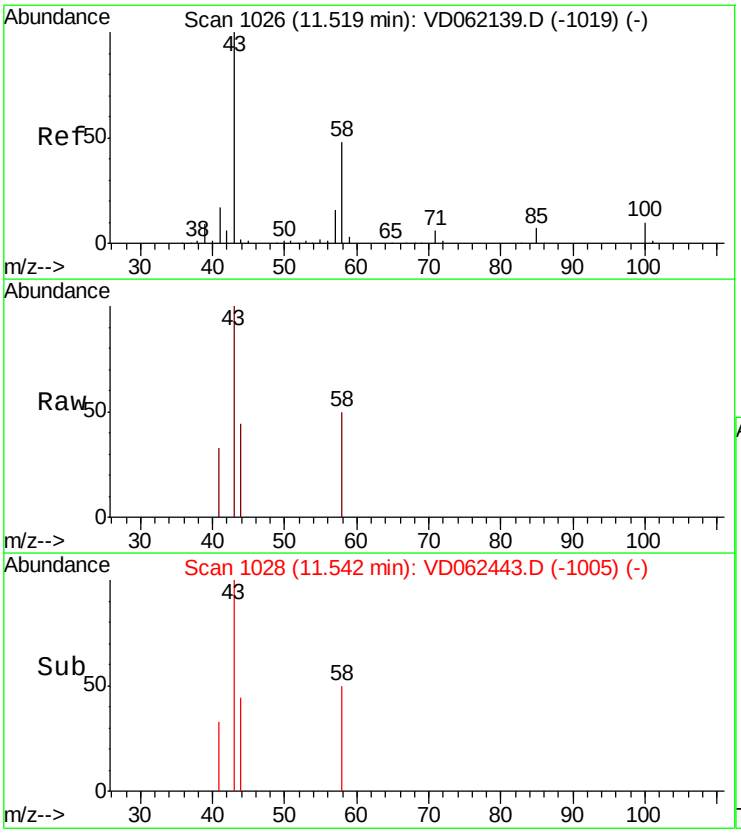
#51
4-Methyl-2-Pentanone
Concen: 2.420 ug/l
RT: 10.31 min Scan# 903
Delta R.T. 0.03 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion: 43 Resp: 3430

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6

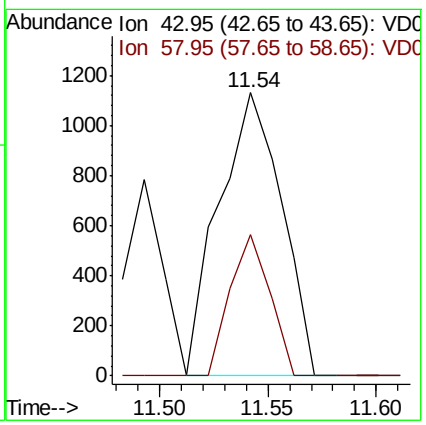


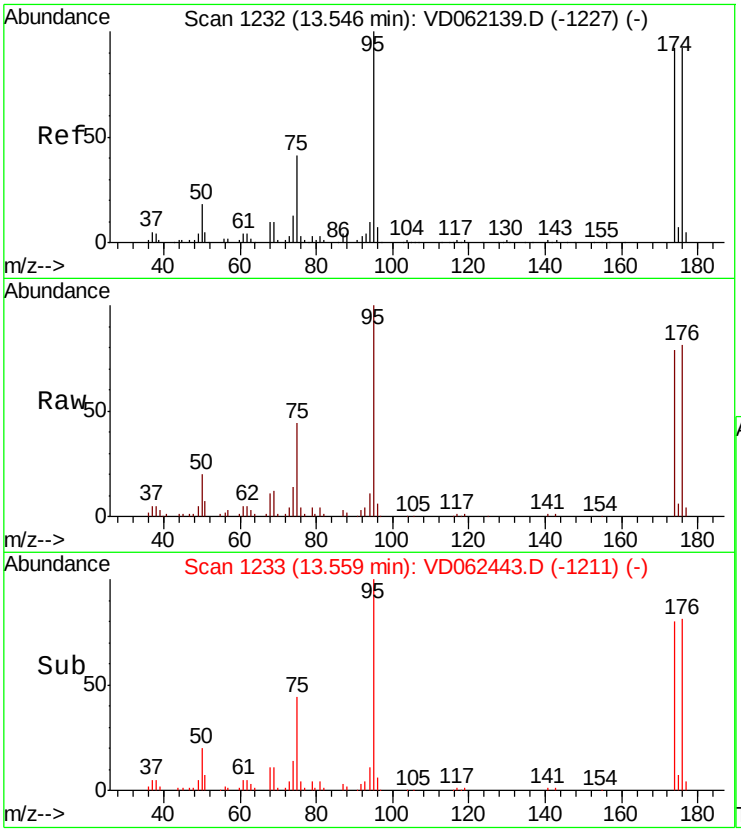


#59
2-Hexanone
Concen: 2.180 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.02 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 43 Resp: 2277

Ion	Ratio	Lower	Upper
43	100		
58	49.9	25.4	76.4



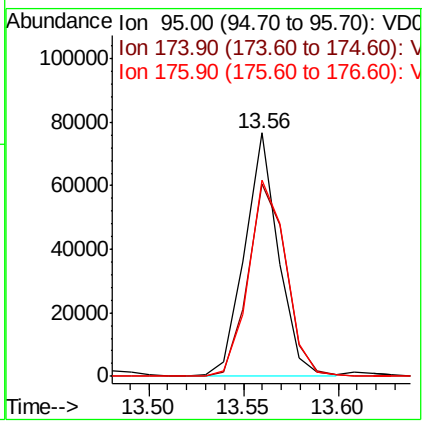


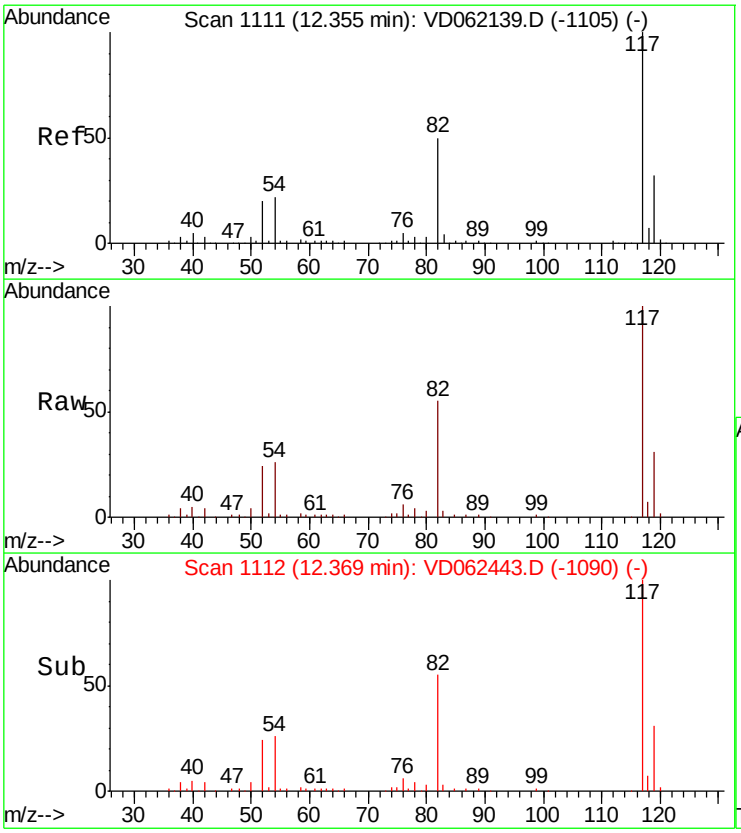
#62
4-Bromofluorobenzene
Concen: 26.415 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion: 95 Resp: 94887

Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	181.8
176	80.6	0.0	174.4

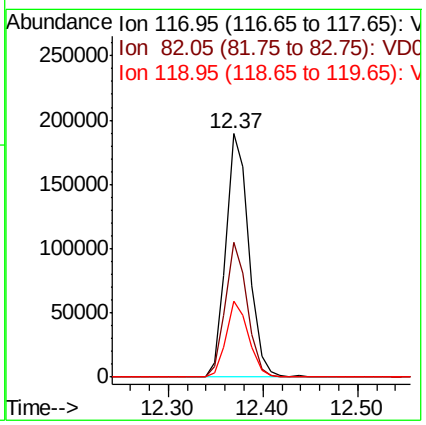


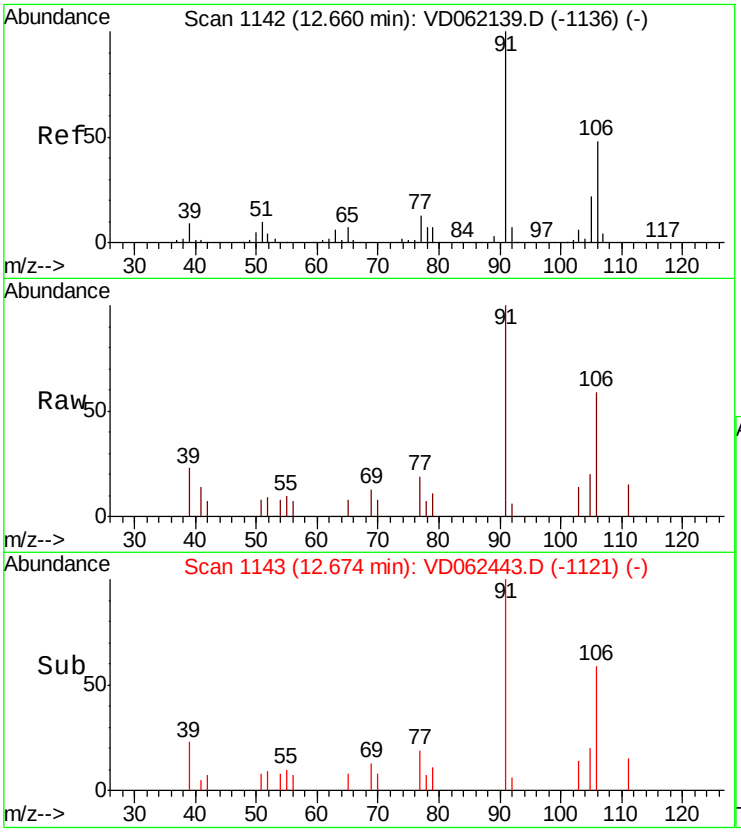


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:117 Resp: 318731

Ion	Ratio	Lower	Upper
117	100		
82	55.5	36.2	54.2#
119	31.0	26.2	39.4



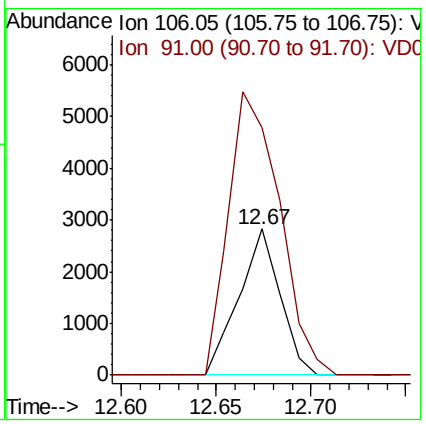


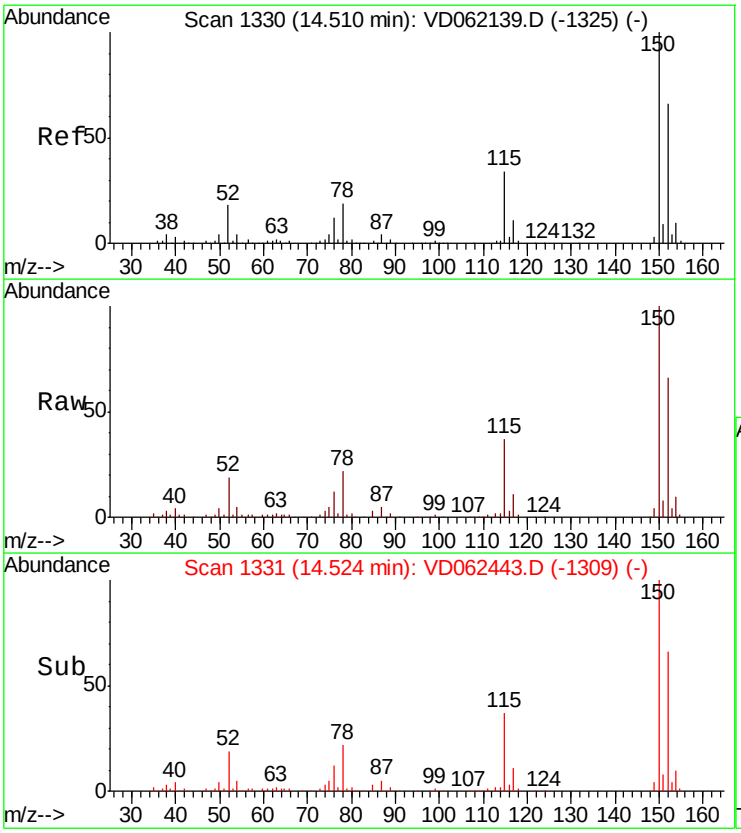
#68
m/p-Xylenes
Concen: 1.180 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion:106 Resp: 4268

Ion	Ratio	Lower	Upper
106	100		
91	168.9	164.0	246.0

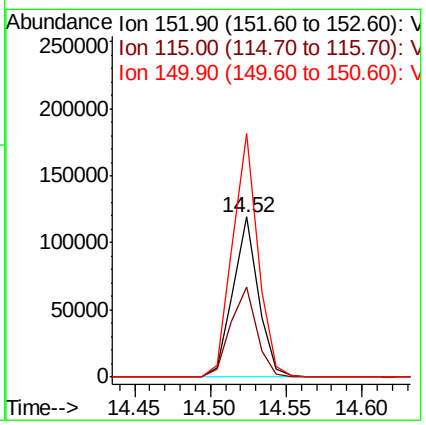


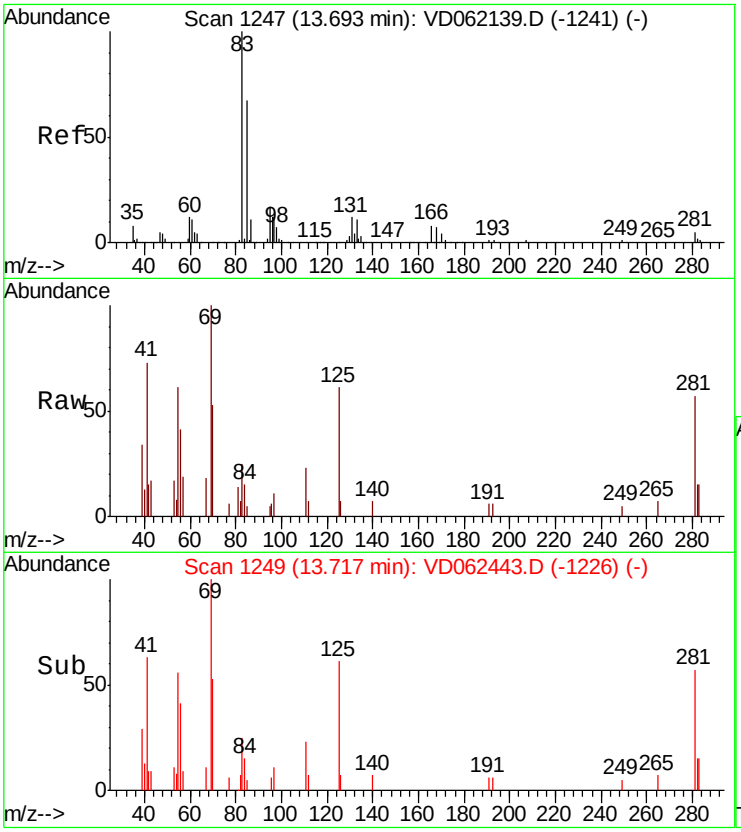


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:152 Resp: 139337

Ion	Ratio	Lower	Upper
152	100		
115	55.9	30.9	92.7
150	152.0	0.0	314.8



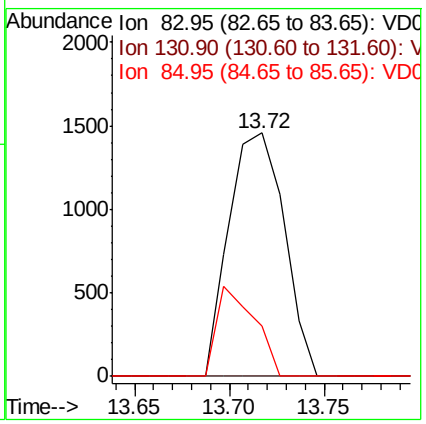


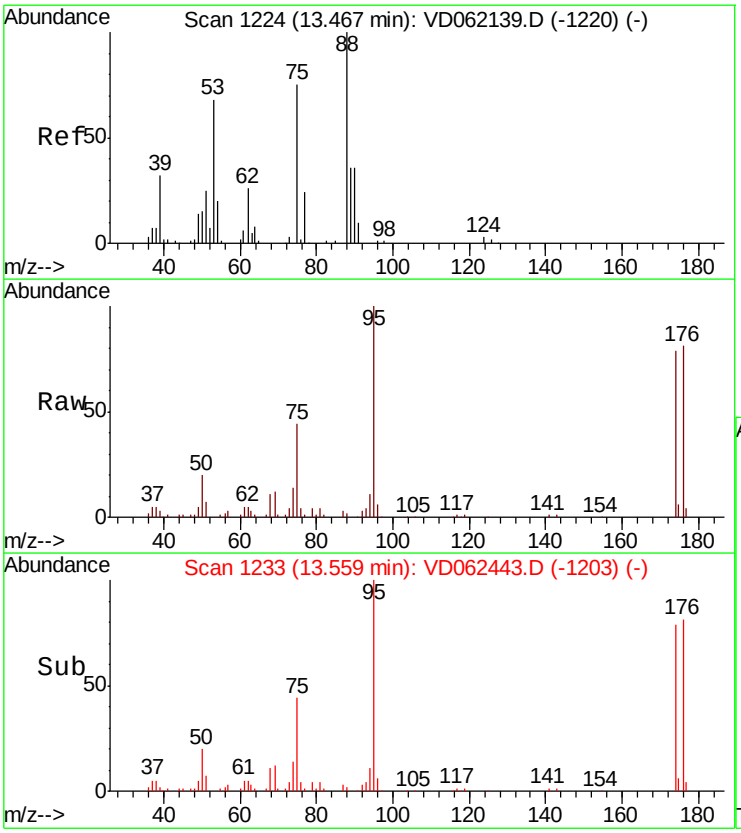
#75
1,1,2,2-Tetrachloroethane
Concen: 1.866 ug/l
RT: 13.72 min Scan# 1249
Delta R.T. 0.02 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion: 83 Resp: 2951

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	20.8	32.6	97.7#

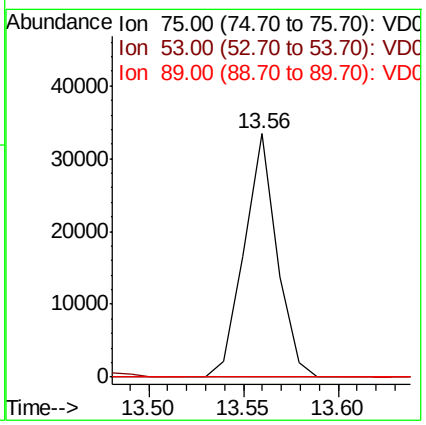


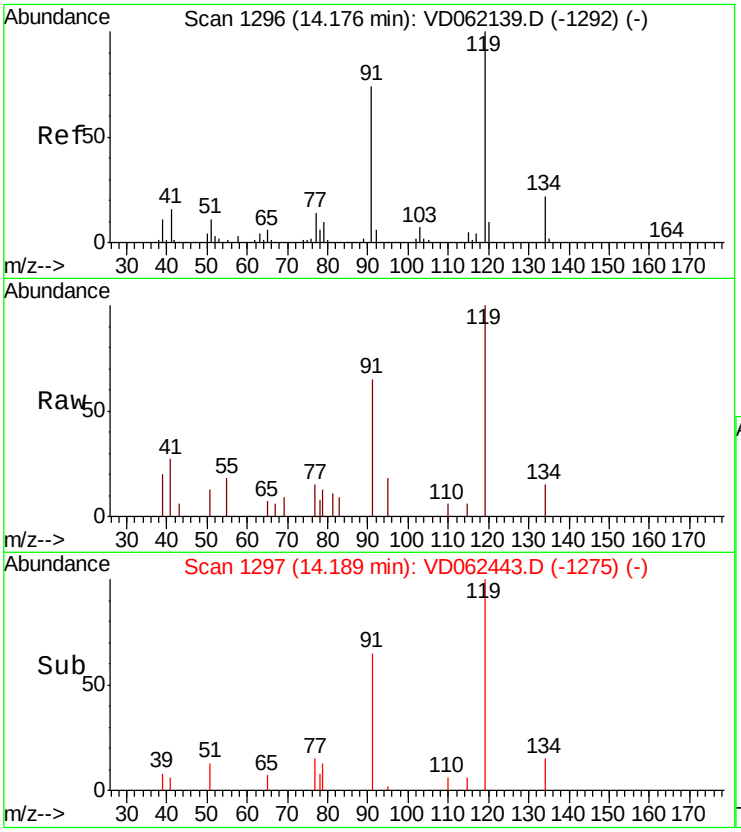


#81
trans-1,4-Dichloro-2-butene
Concen: 85.776 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 75 Resp: 40098

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



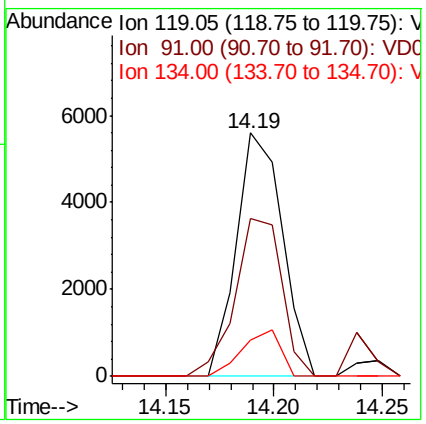


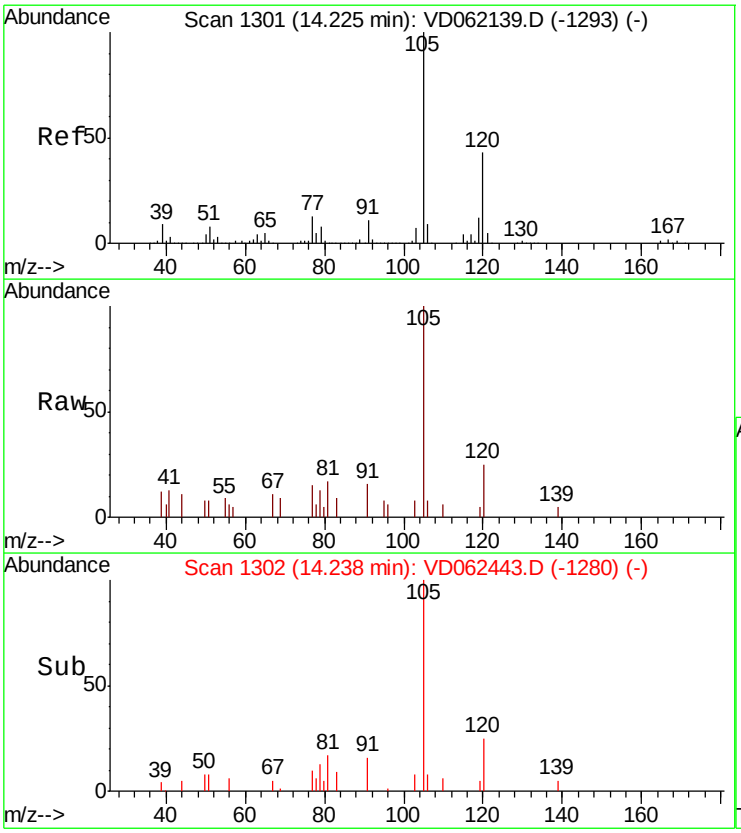
#83
tert-Butylbenzene
Concen: 1.048 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument : MSVOA_D
ClientSampleId : S-3

Tgt Ion:119 Resp: 8286

Ion	Ratio	Lower	Upper
119	100		
91	65.0	34.2	102.6
134	14.7	12.0	36.0

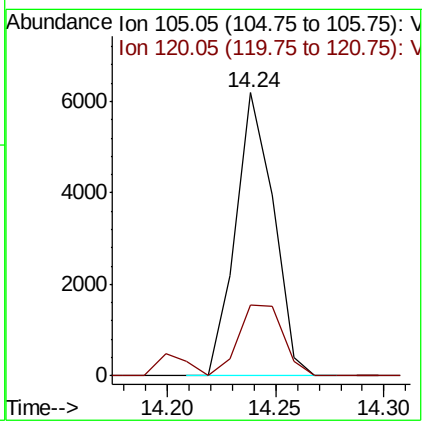


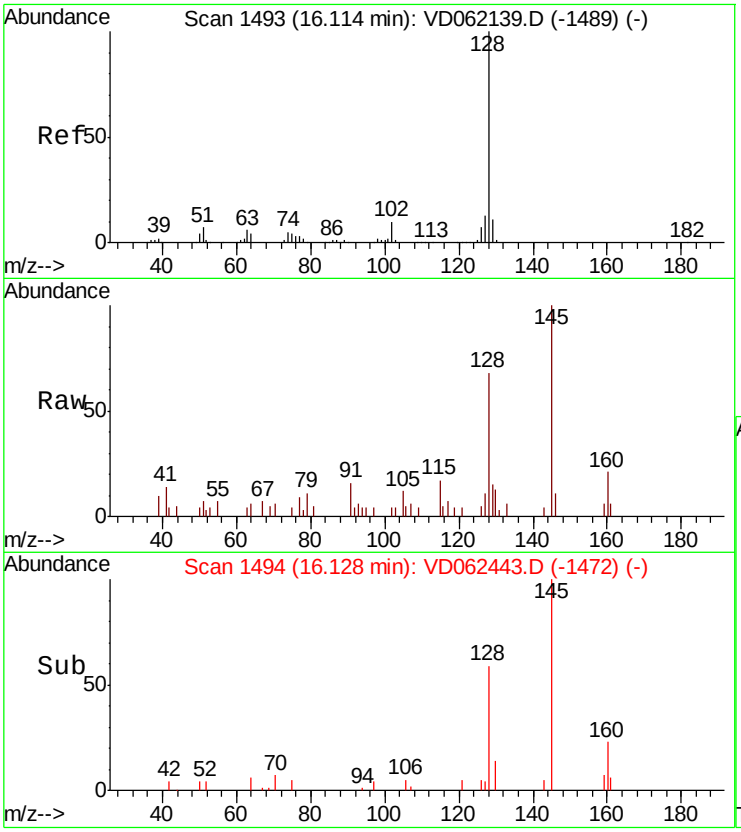


#84
1,2,4-Trimethylbenzene
Concen: 1.066 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:105 Resp: 7524

Ion	Ratio	Lower	Upper
105	100		
120	25.0	23.1	69.2





#95
Naphthalene
Concen: 2.301 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampleId :
S-3

Tgt Ion:128 Resp: 8226

Ion	Ratio	Lower	Upper
128	100		
127	16.7	9.8	14.8#
129	22.6	8.8	13.2#