Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD053119\
Data File : VD062563.D
Acq On : 31 May 2019 14:58
Operator : VA/AP
Sample : K3124-08
Misc : 5.57g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Quant Time: May 31 23:26:29 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	66385	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	98456	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	107563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	66212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	59110	75.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 151.88%			
35) Dibromofluoromethane	6.94	113	41216	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.88%			
50) Toluene-d8	10.43	98	72721	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.98%			
62) 4-Bromofluorobenzene	13.56	95	43204	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
Target Compounds						Qvalue
3) Chloromethane	1.76	50	1083	Below Cal	#	43
5) Bromomethane	2.12	94	958	5.016	ug/l #	12
8) Diethyl Ether	2.90	74	570	3.575	ug/l	74
10) Methyl Iodide	3.32	142	1806	2.169	ug/l #	93
11) Tert butyl alcohol	4.11	59	193	5.813	ug/l #	80
13) Acrolein	3.04	56	191	13.203	ug/l #	10
16) Acetone	3.23	43	33867	221.444	ug/l #	88
18) Methyl Acetate	3.65	43	405	1.622	ug/l #	63
20) Methylene Chloride	3.83	84	1013	1.789	ug/l #	61
25) 2-Butanone	6.10	43	414	2.874	ug/l #	62
31) Cyclohexane	7.06	56	1293	1.789	ug/l #	1
37) Ethyl Acetate	6.10	43	414	1.002	ug/l #	72
38) Carbon Tetrachloride	7.06	117	6848	4.693	ug/l #	15
55) 1,1,2-Trichloroethane	11.24	97	695	1.613	ug/l #	16
68) m/p-Xylenes	12.68	106	1671	1.258	ug/l	82
81) trans-1,4-Dichloro-2-buten	13.56	75	20418	89.704	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.24	105	4113	1.082	ug/l #	62
95) Naphthalene	16.13	128	2753	1.449	ug/l #	79

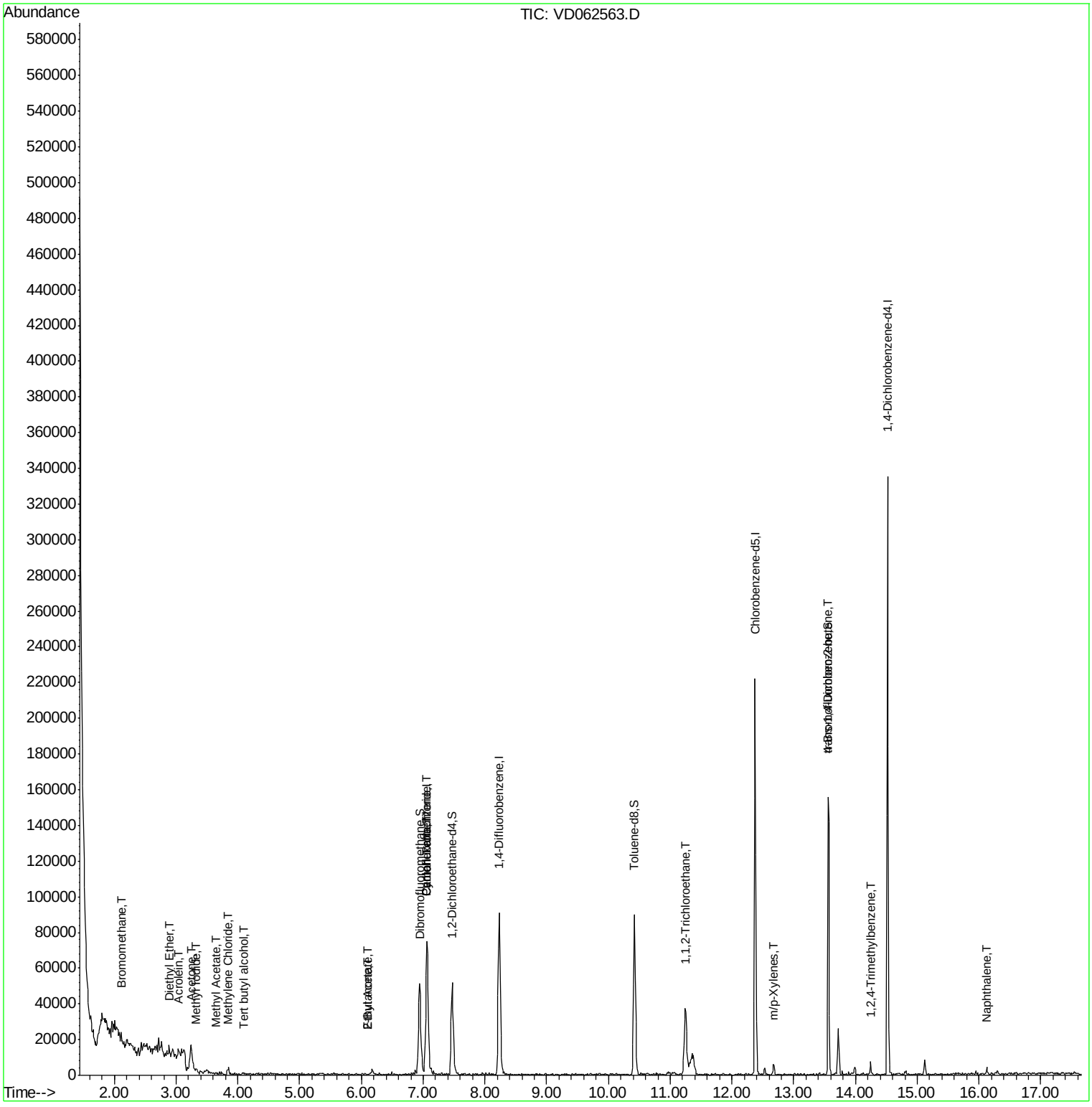
(#) = qualifier out of range (m) = manual integration (+) = signals summed

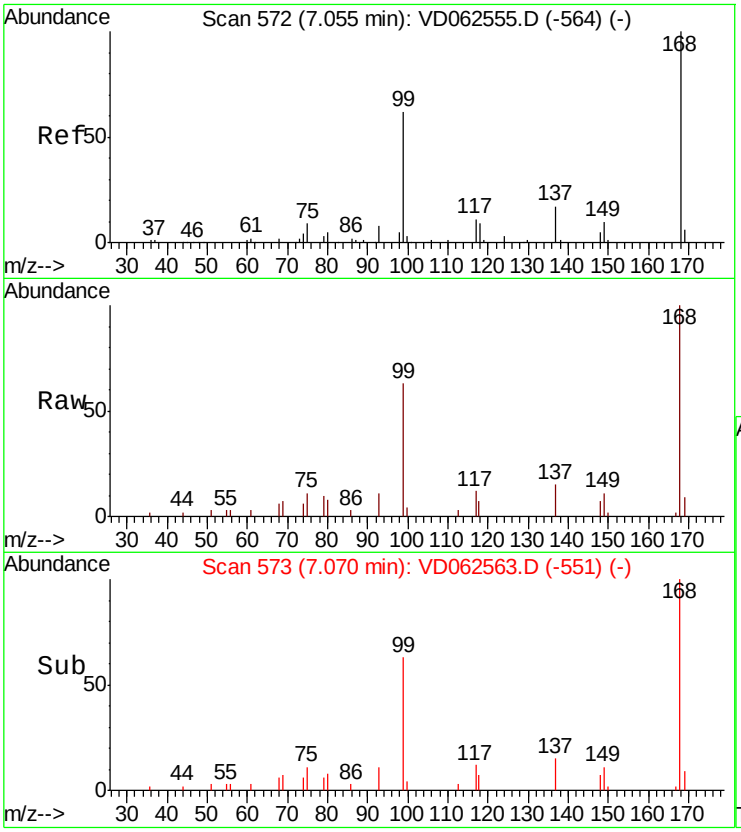
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD053119\
Data File : VD062563.D
Acq On : 31 May 2019 14:58
Operator : VA/AP
Sample : K3124-08
Misc : 5.57g/5ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Quant Time: May 31 23:26:29 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



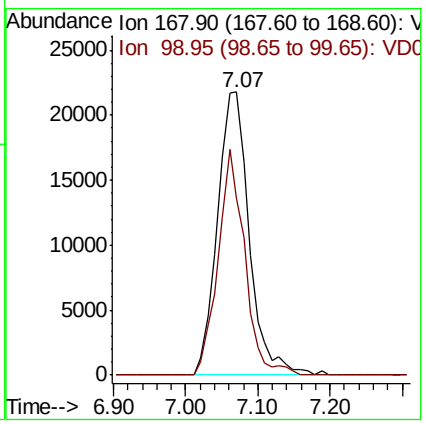


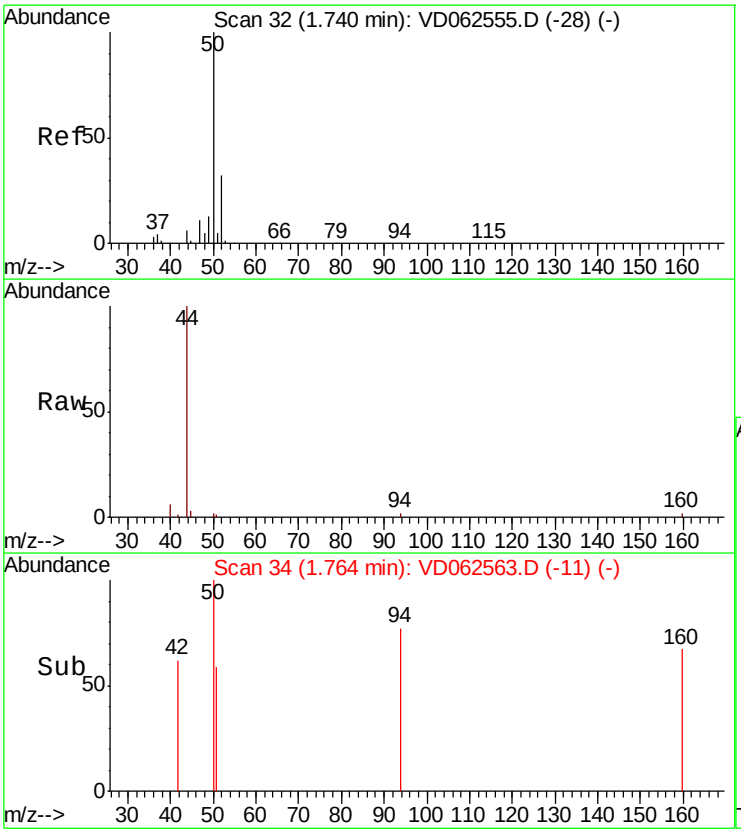
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion:168 Resp: 66385

Ion	Ratio	Lower	Upper
168	100		
99	62.5	50.8	76.2

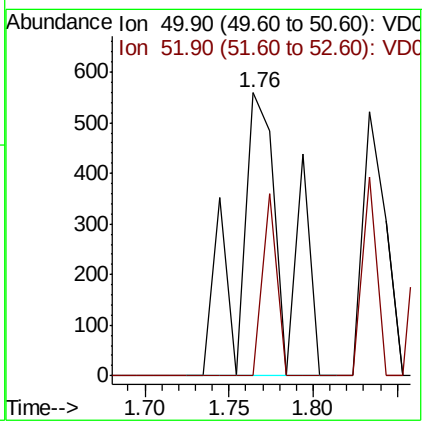


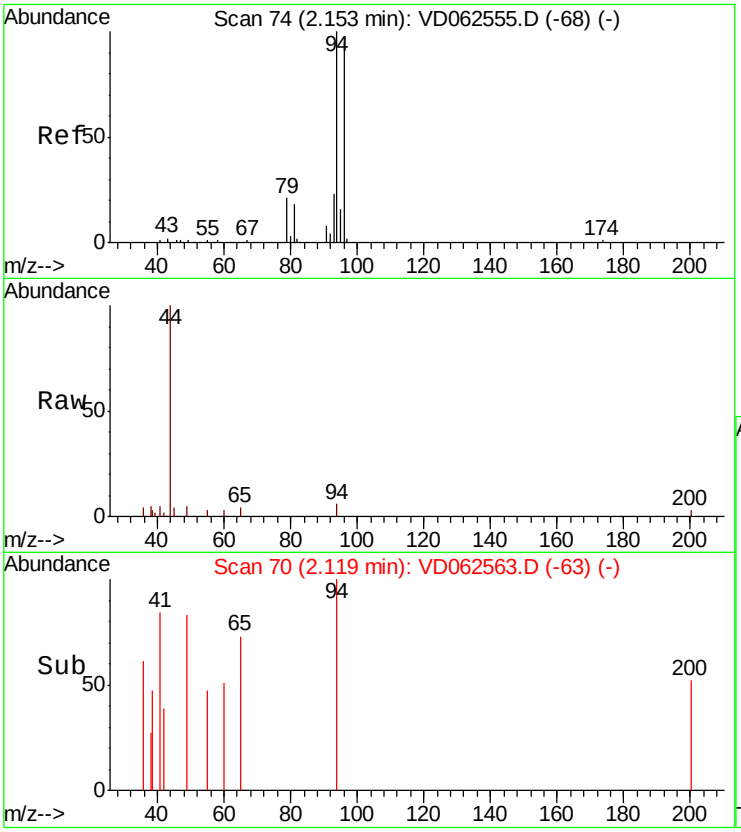


#3
Chloromethane
Concen: Below Cal
RT: 1.76 min Scan# 34
Delta R.T. 0.03 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 50 Resp: 1083

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



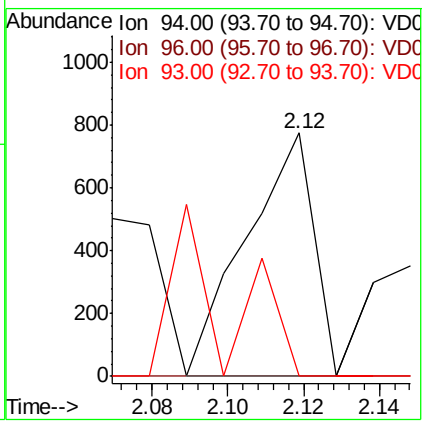


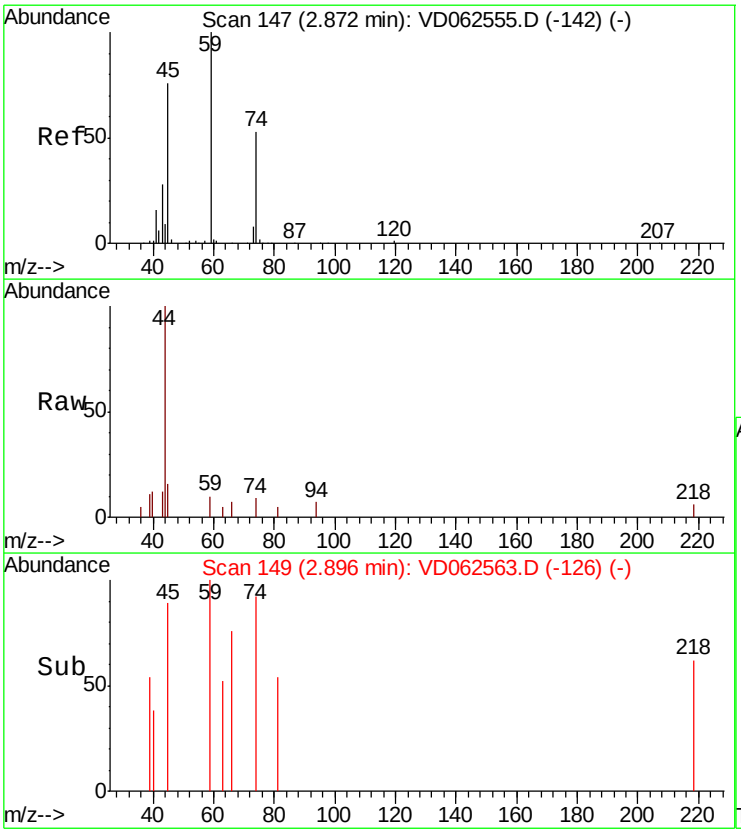
#5
Bromomethane
Concen: 5.016 ug/l
RT: 2.12 min Scan# 70
Delta R.T. -0.03 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion: 94 Resp: 958

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

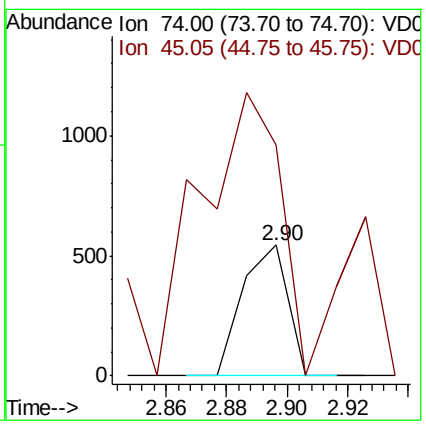


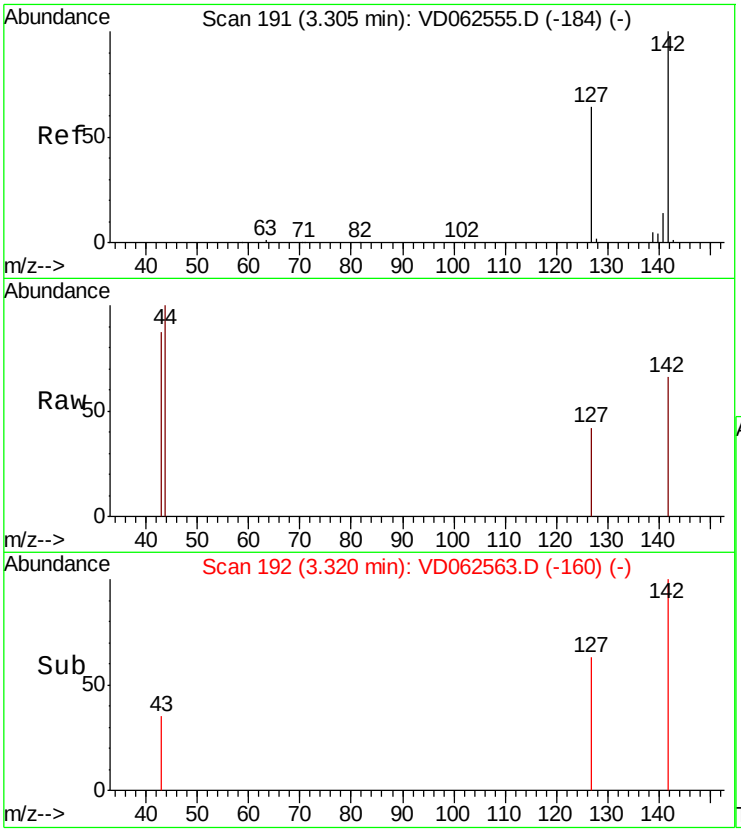


#8
Diethyl Ether
Concen: 3.575 ug/l
RT: 2.90 min Scan# 149
Delta R.T. 0.02 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 74 Resp: 570

Ion	Ratio	Lower	Upper
74	100		
45	176.0	71.9	215.7



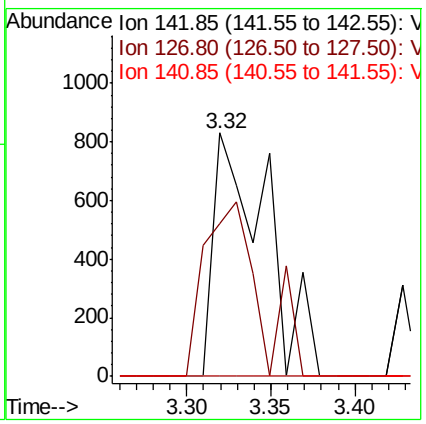


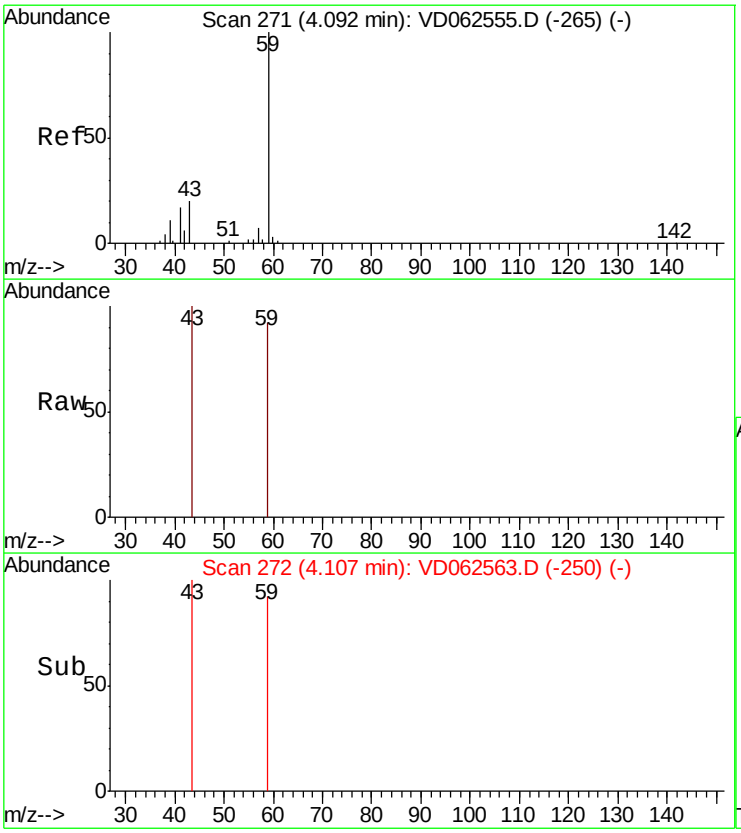
#10
Methyl Iodide
Concen: 2.169 ug/l
RT: 3.32 min Scan# 192
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Tgt Ion:142 Resp: 1806

Ion	Ratio	Lower	Upper
142	100		
127	62.7	51.2	76.8
141	0.0	11.0	16.4#

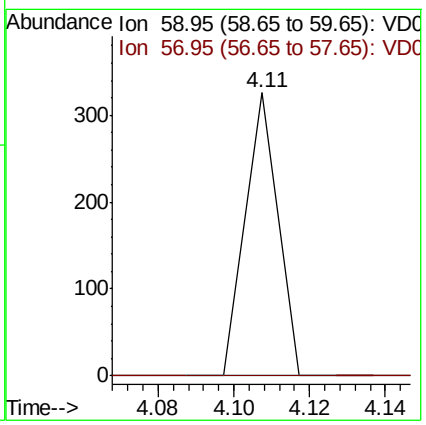


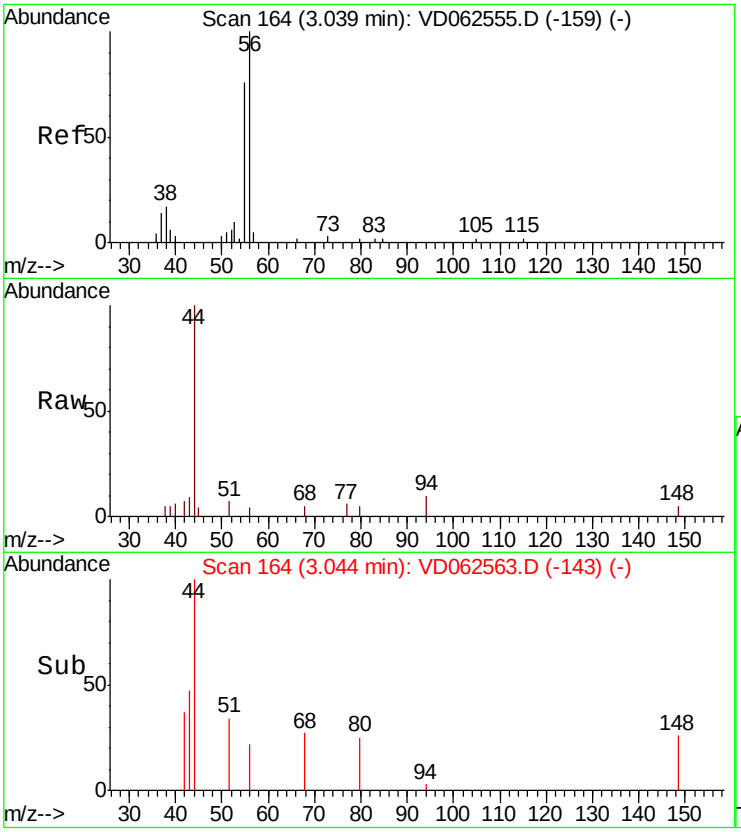


#11
Tert butyl alcohol
Concen: 5.813 ug/l
RT: 4.11 min Scan# 272
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 59 Resp: 193

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.0#



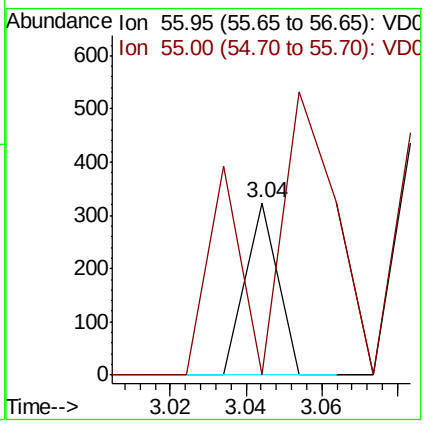


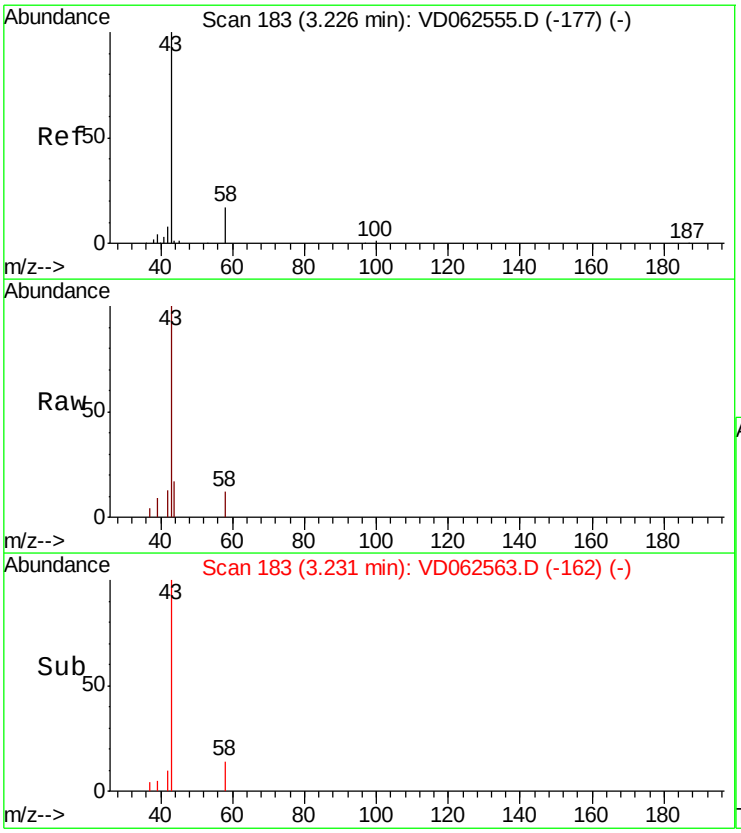
#13
Acrolein
Concen: 13.203 ug/l
RT: 3.04 min Scan# 164
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion: 56 Resp: 191

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	93.8#

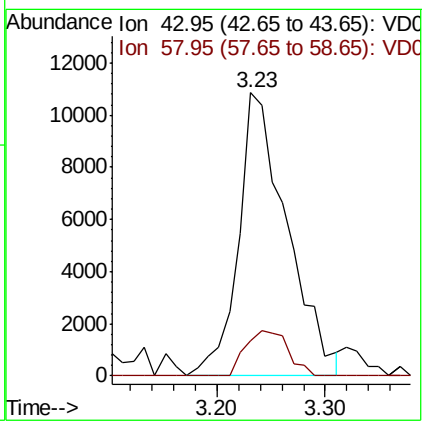


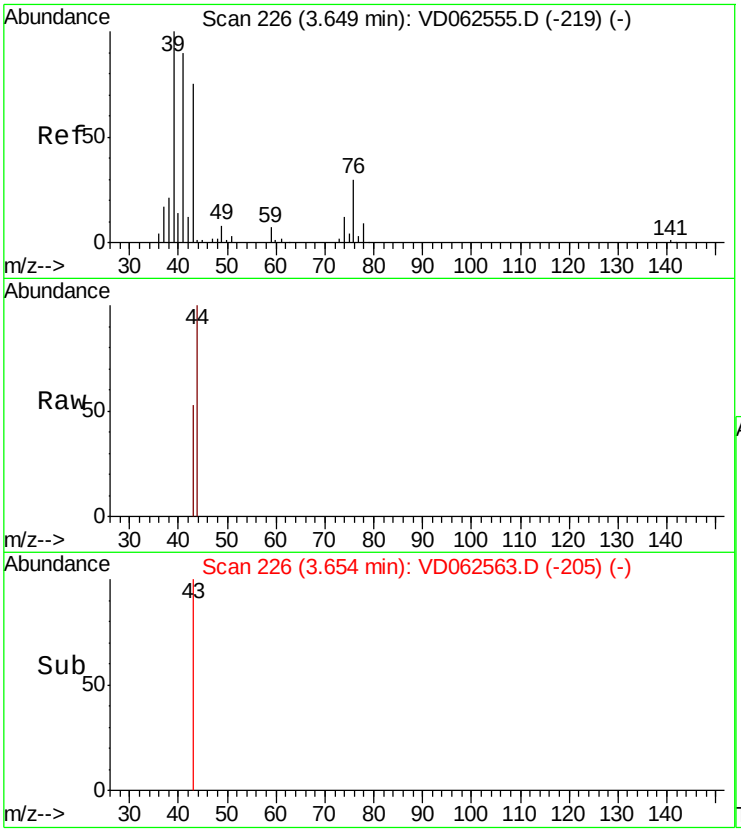


#16
Acetone
Concen: 221.444 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 43 Resp: 33867

Ion	Ratio	Lower	Upper
43	100		
58	12.3	13.8	20.8#



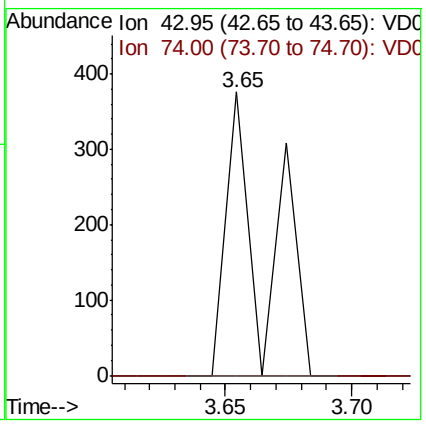


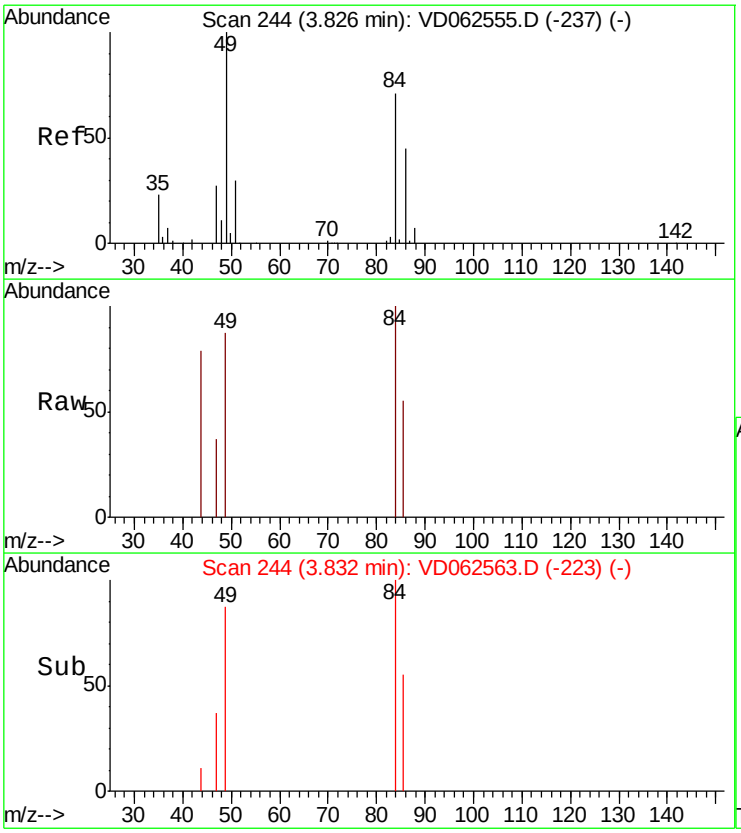
#18
Methyl Acetate
Concen: 1.622 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Tgt Ion: 43 Resp: 405

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.5	18.7#

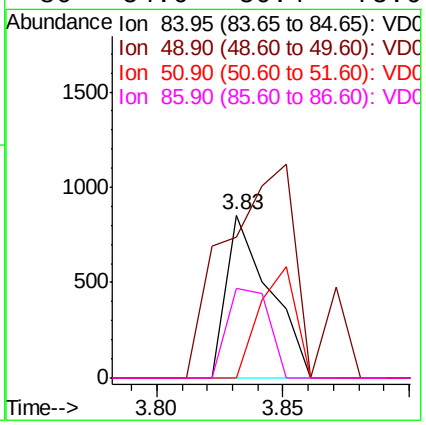


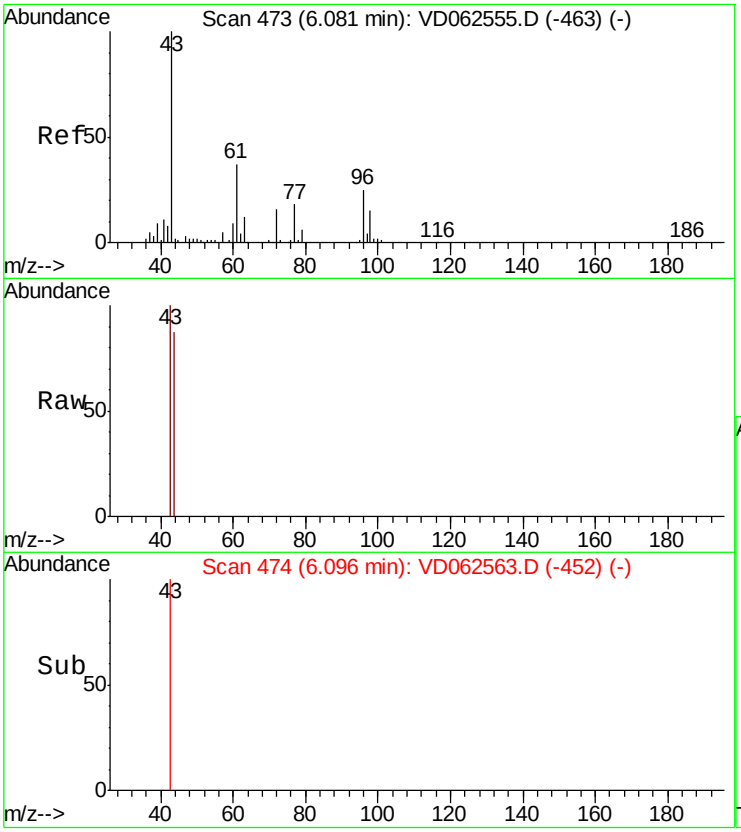


#20
Methylene Chloride
Concen: 1.789 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 84 Resp: 1013

Ion	Ratio	Lower	Upper
84	100		
49	86.7	112.3	168.5#
51	0.0	33.6	50.4#
86	54.6	50.4	75.6



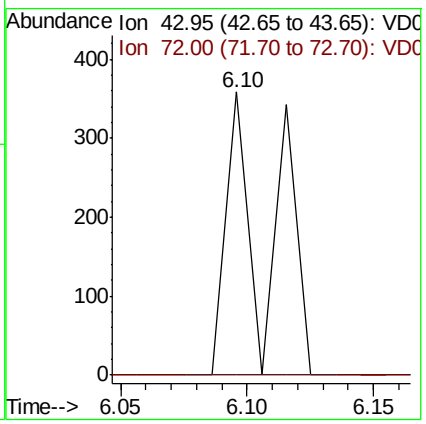


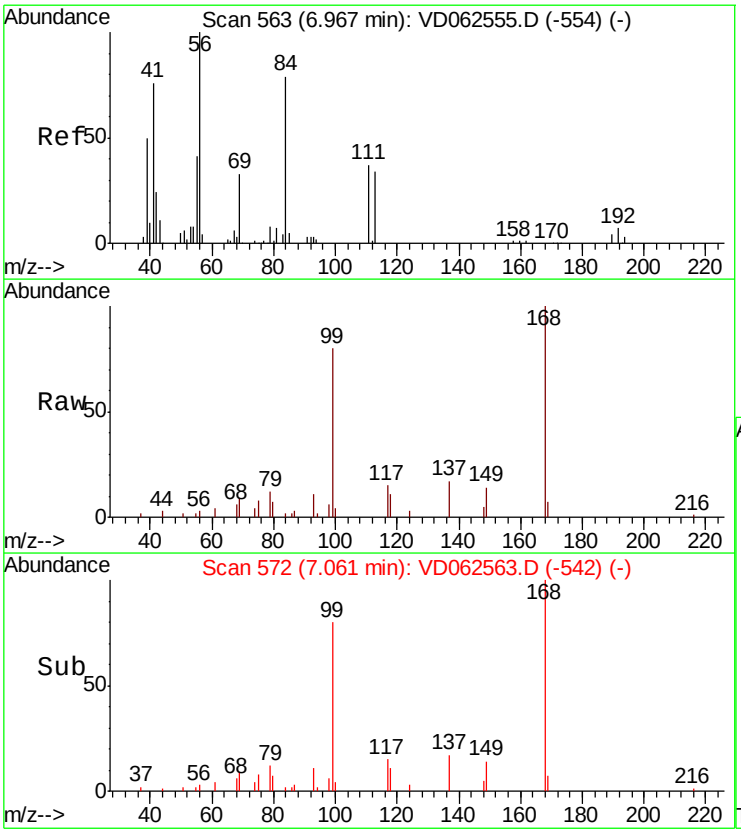
#25
2-Butanone
Concen: 2.874 ug/l
RT: 6.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Tgt Ion: 43 Resp: 414

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.7	19.1#

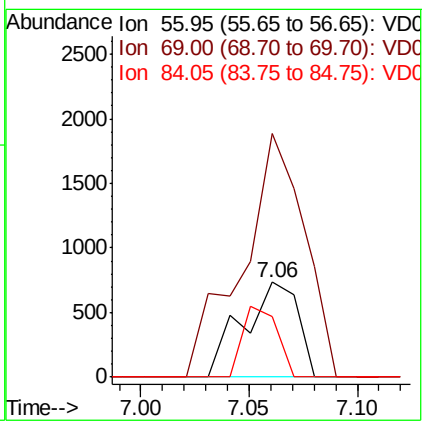


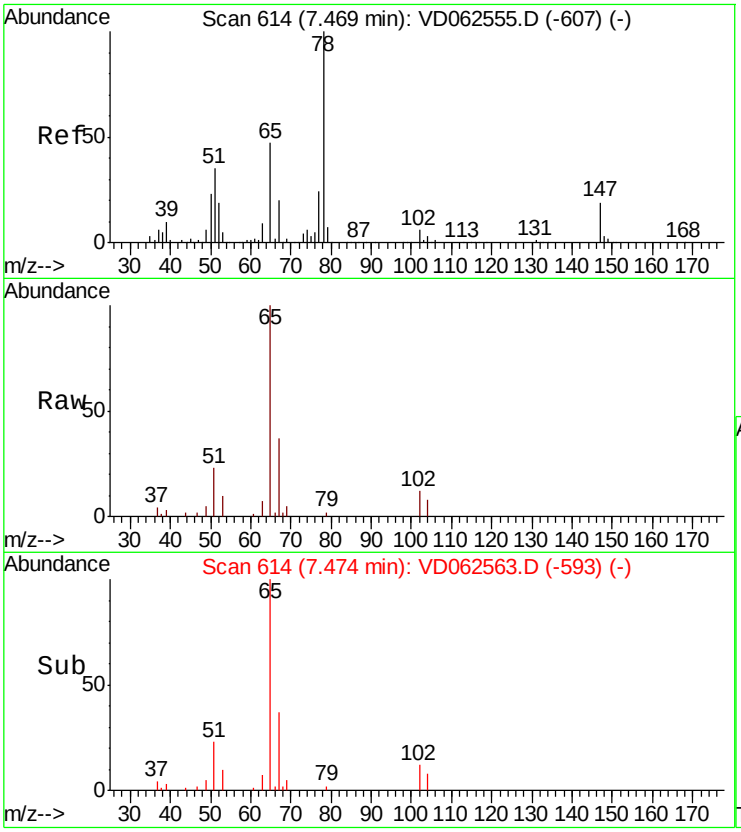


#31
Cyclohexane
Concen: 1.789 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.09 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 56 Resp: 1293

Ion	Ratio	Lower	Upper
56	100		
69	257.7	26.2	39.2#
84	64.2	65.2	97.8#



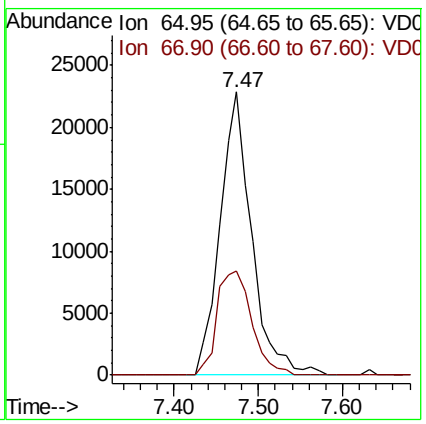


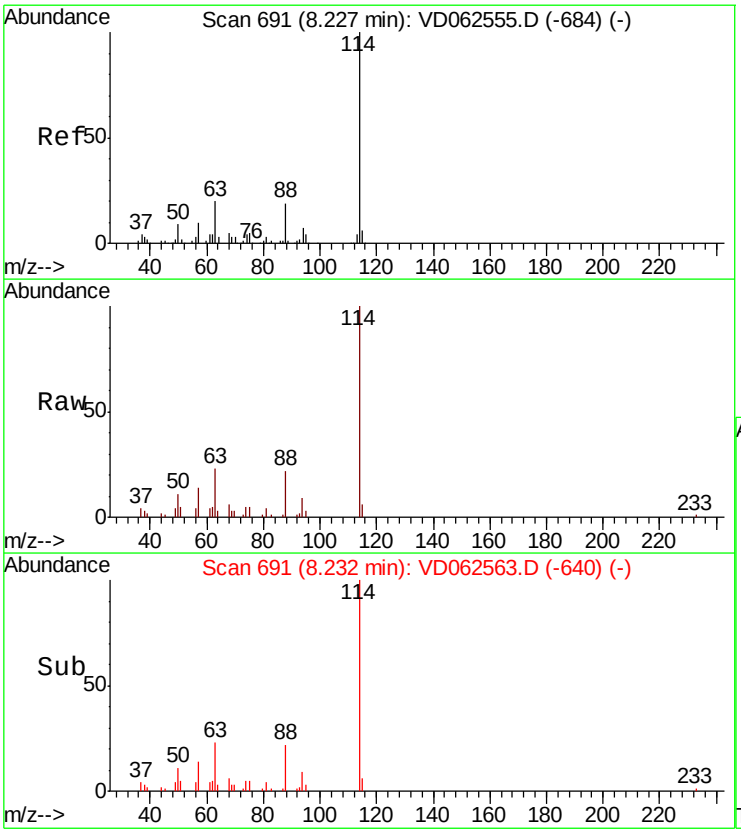
#33
1,2-Dichloroethane-d4
Concen: 75.939 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion: 65 Resp: 59110

Ion	Ratio	Lower	Upper
65	100		
67	37.0	0.0	83.6

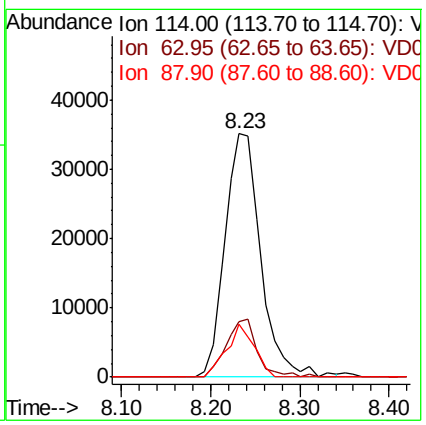


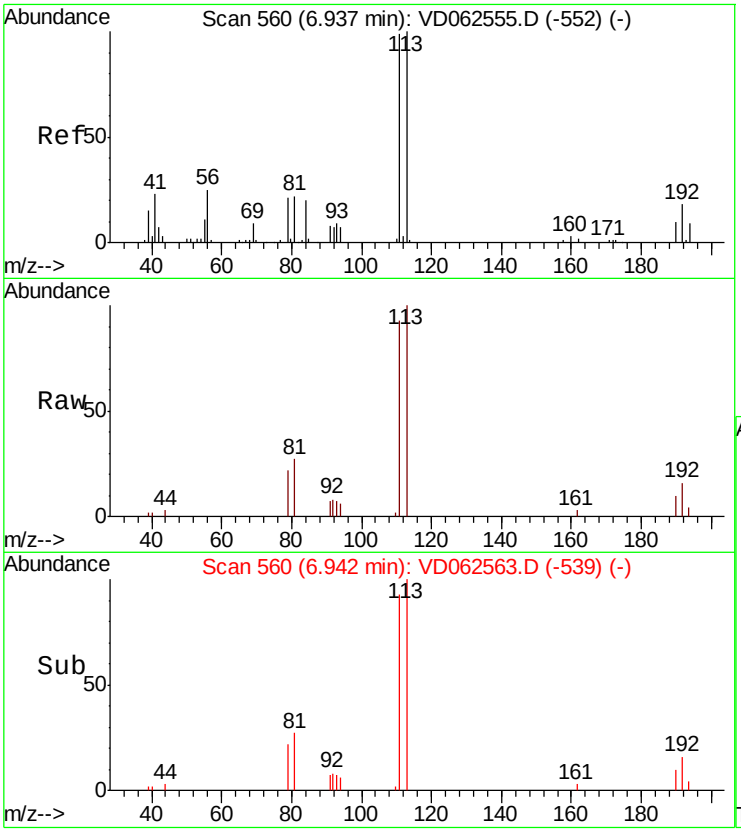


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion:114 Resp: 98456

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	40.6
88	21.7	0.0	37.6



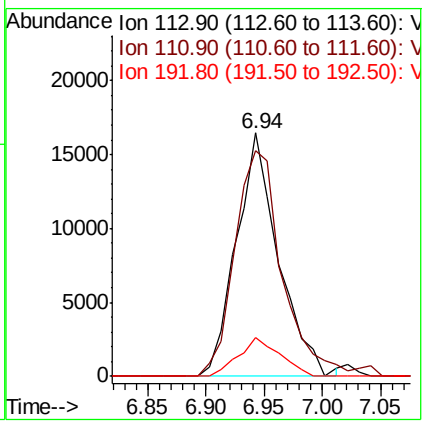


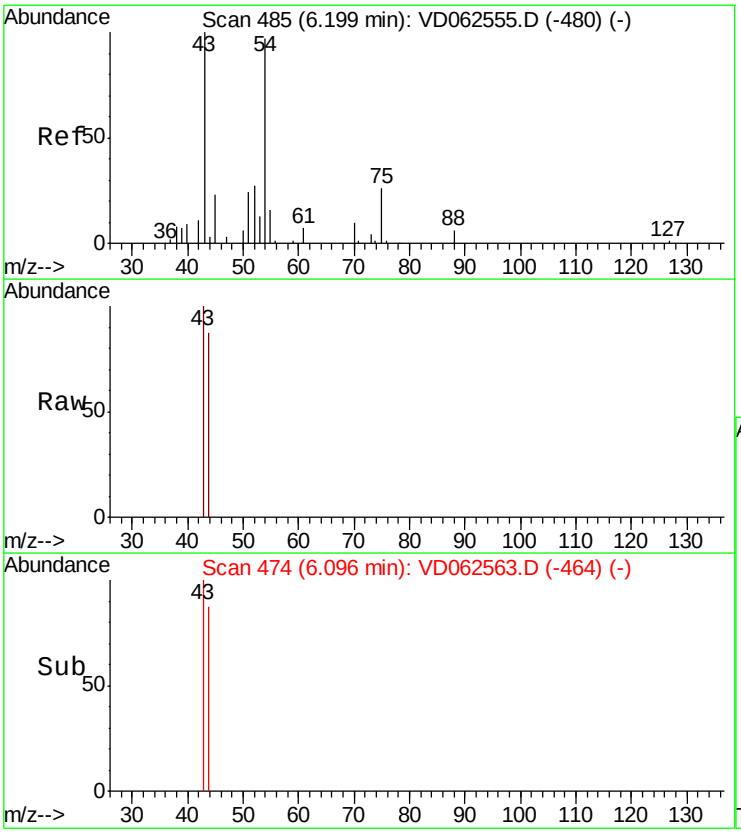
#35
Dibromofluoromethane
Concen: 45.939 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion:113 Resp: 41216

Ion	Ratio	Lower	Upper
113	100		
111	93.0	78.8	118.2
192	15.8	14.6	22.0

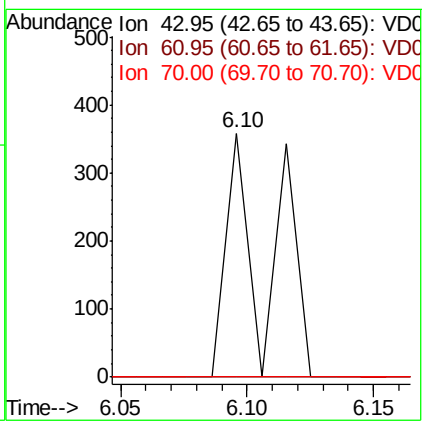


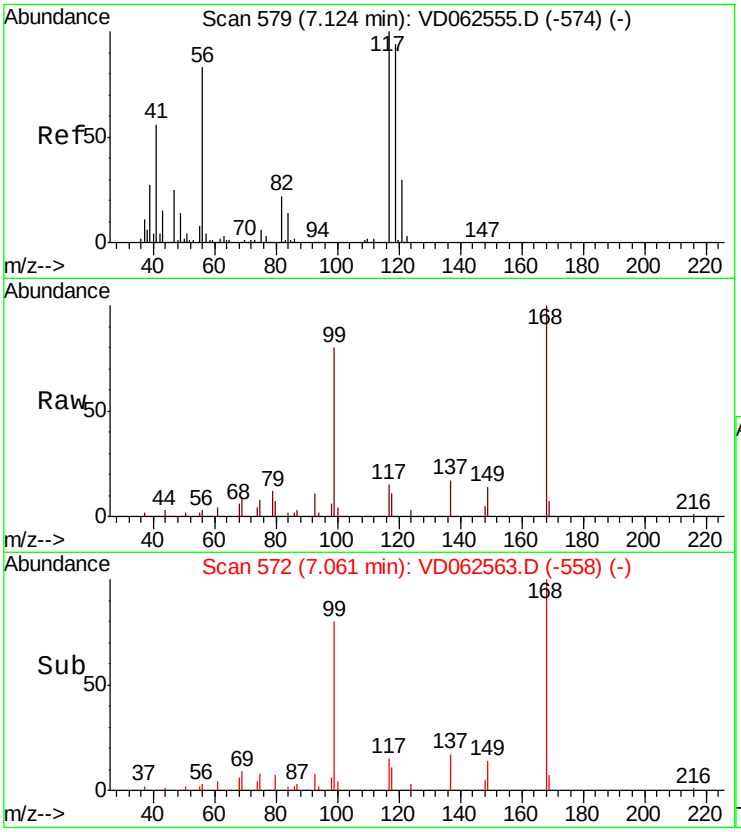


#37
Ethyl Acetate
Concen: 1.002 ug/l
RT: 6.10 min Scan# 474
Delta R.T. -0.10 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 43 Resp: 414

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	0.0	6.5	9.7#



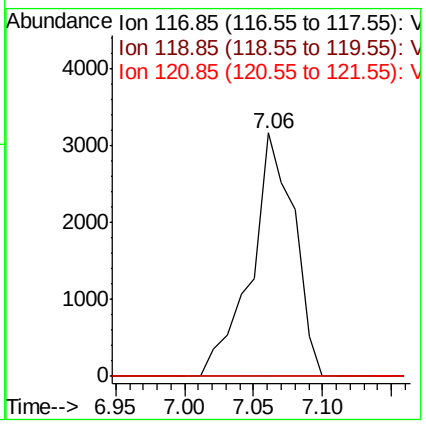


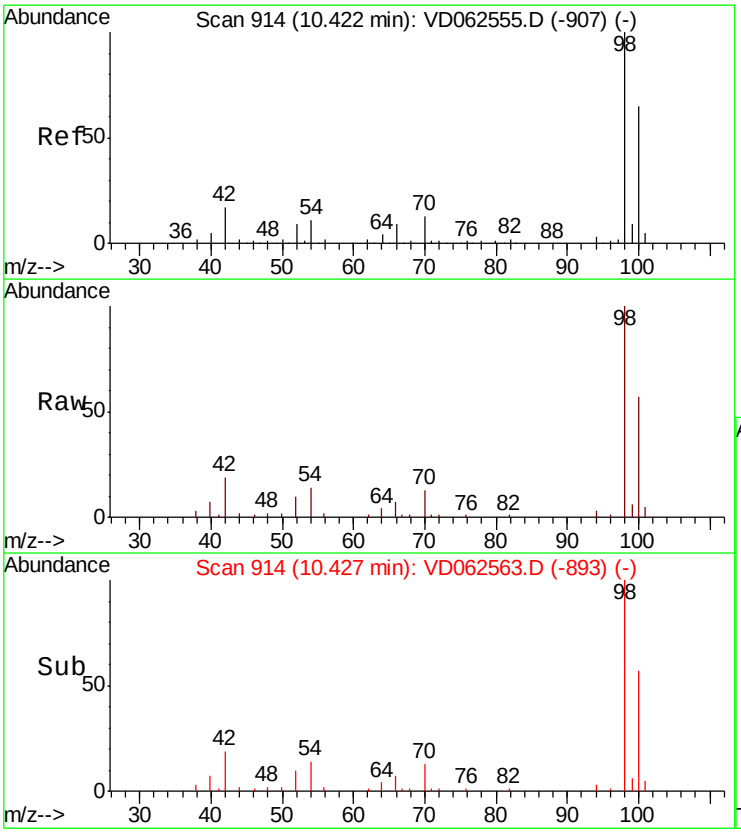
#38
Carbon Tetrachloride
Concen: 4.693 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion:117 Resp: 6848

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

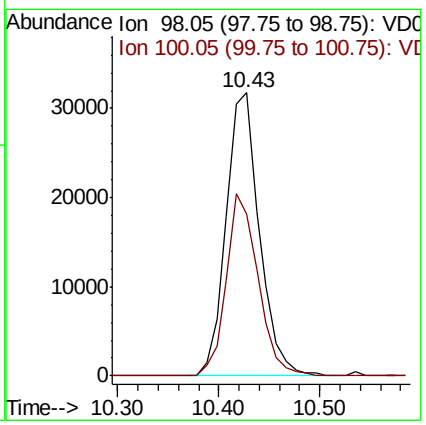


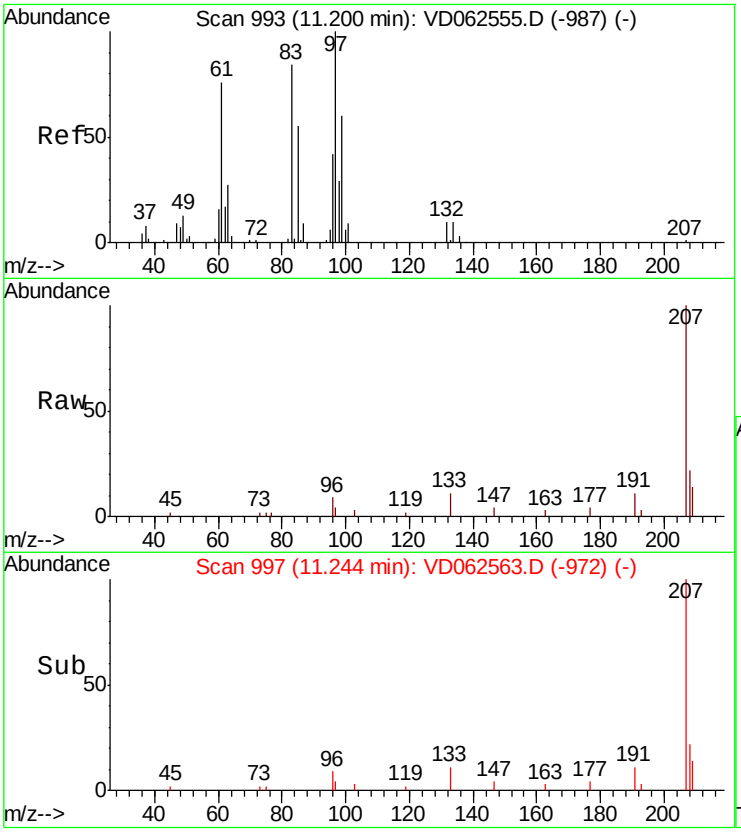


#50
Toluene-d8
Concen: 36.994 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 98 Resp: 72721

Ion	Ratio	Lower	Upper
98	100		
100	57.3	52.3	78.5



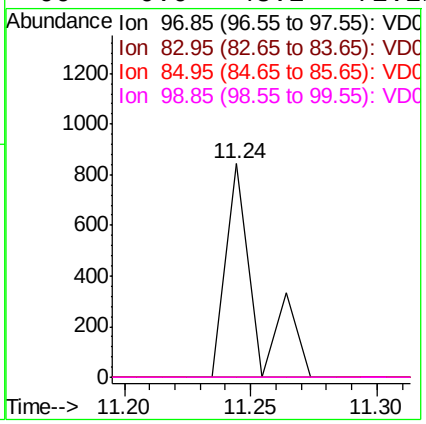


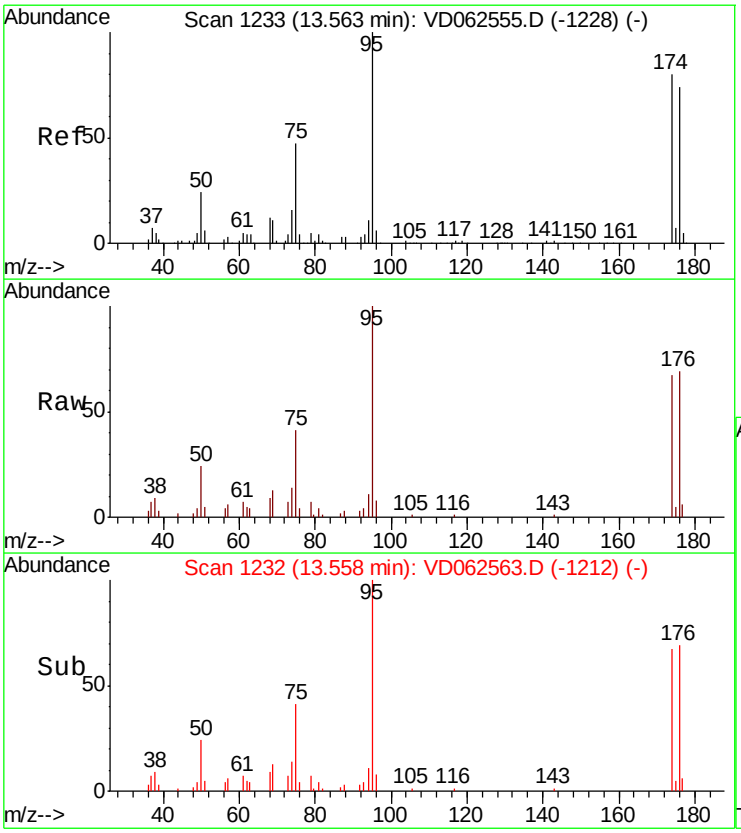
#55
1,1,2-Trichloroethane
Concen: 1.613 ug/l
RT: 11.24 min Scan# 997
Delta R.T. 0.04 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Tgt Ion: 97 Resp: 695

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#

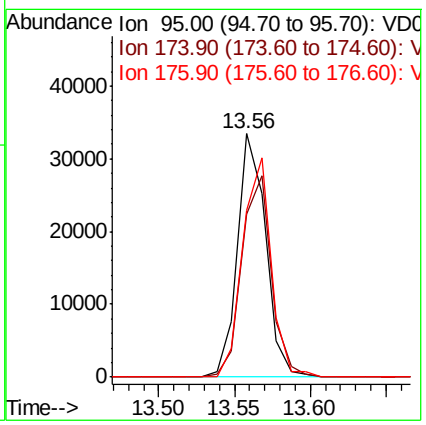


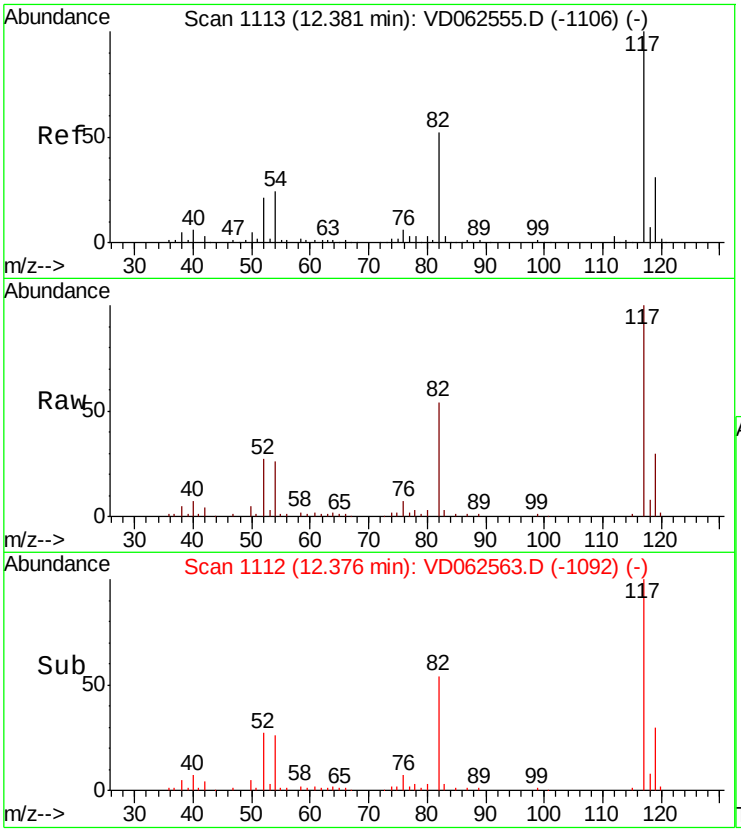


#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 95 Resp: 43204

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	160.2
176	68.6	0.0	148.0



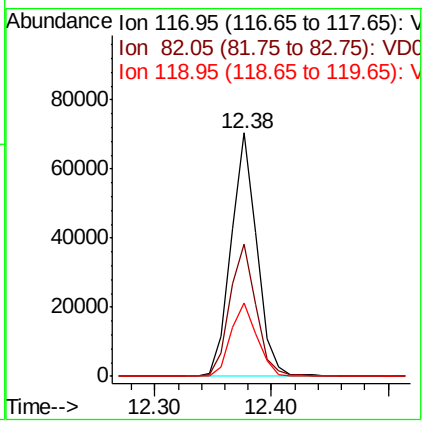


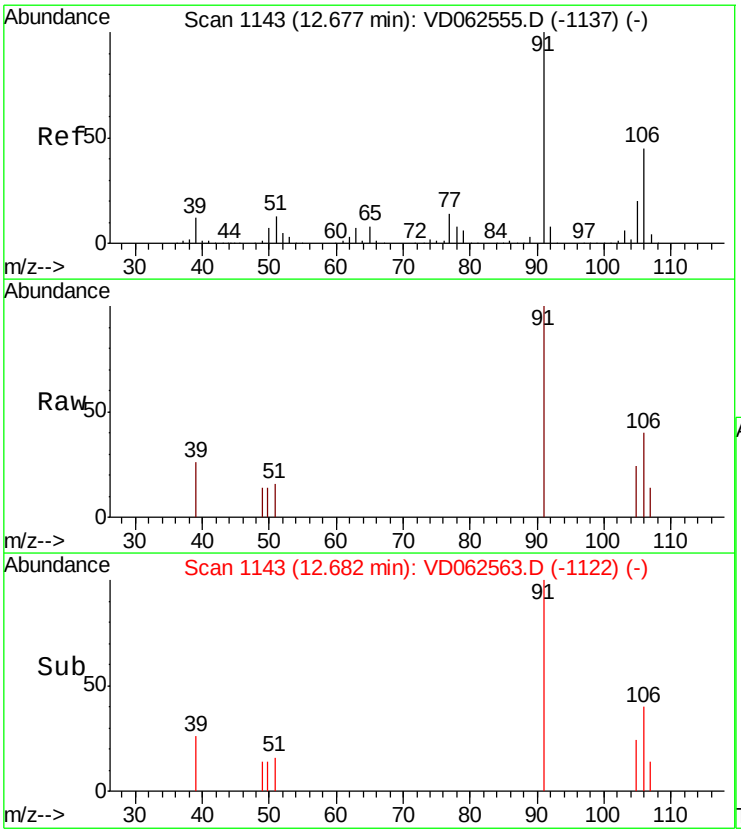
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument : MSVOA_D
ClientSampleId : TP-25-D2

Tgt Ion:117 Resp: 107563

Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.2
119	30.2	24.9	37.3

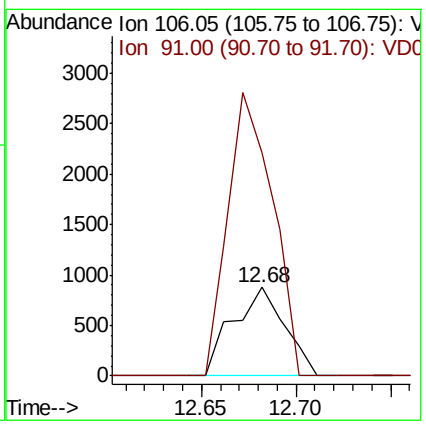


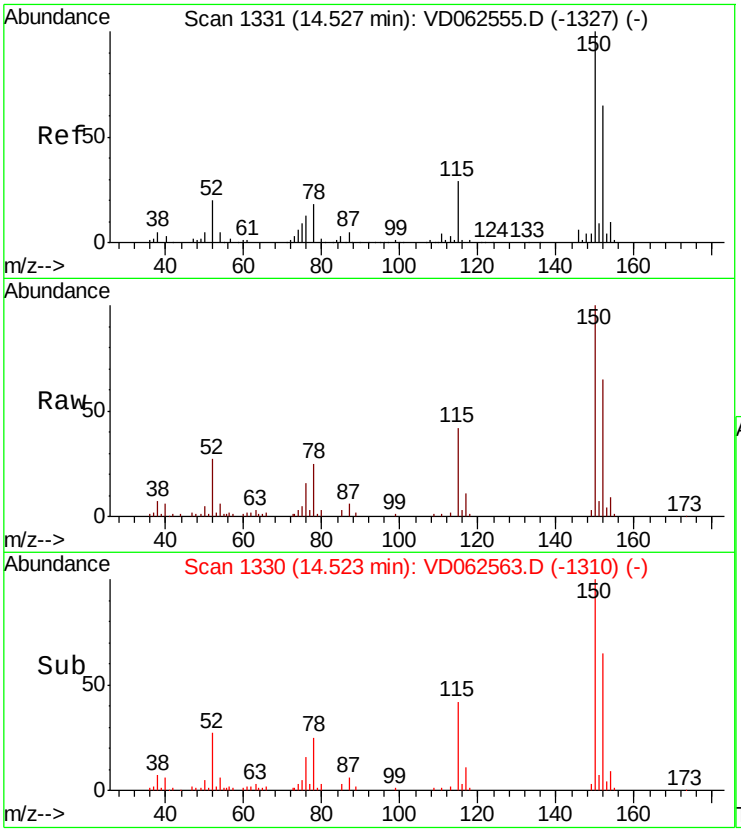


#68
m/p-Xylenes
Concen: 1.258 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion:106 Resp: 1671

Ion	Ratio	Lower	Upper
106	100		
91	252.2	178.9	268.3



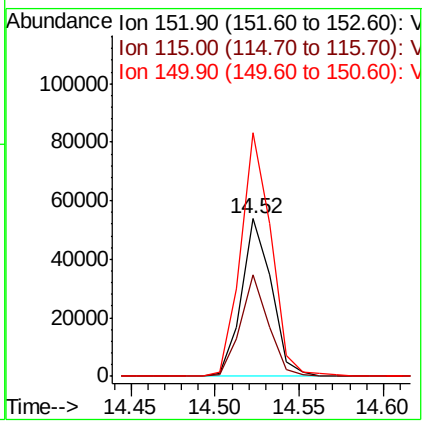


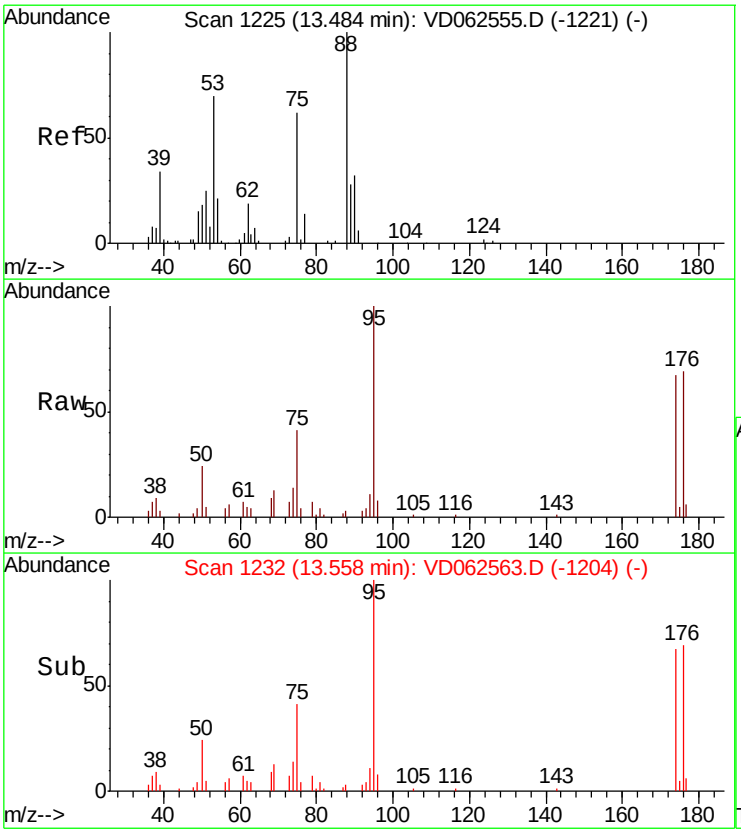
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion:152 Resp: 66212

Ion	Ratio	Lower	Upper
152	100		
115	64.8	28.4	85.3
150	154.6	0.0	310.4

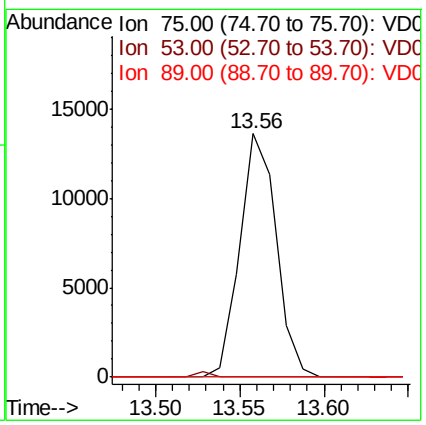


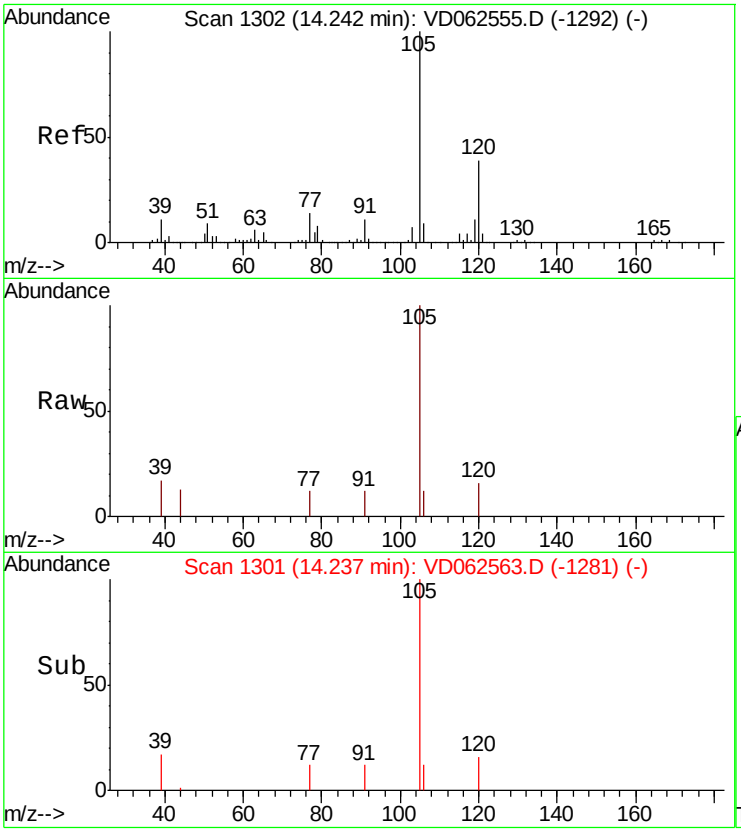


#81
trans-1,4-Dichloro-2-butene
Concen: 89.704 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion: 75 Resp: 20418

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



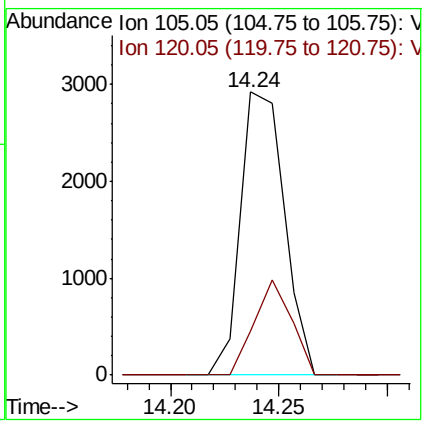


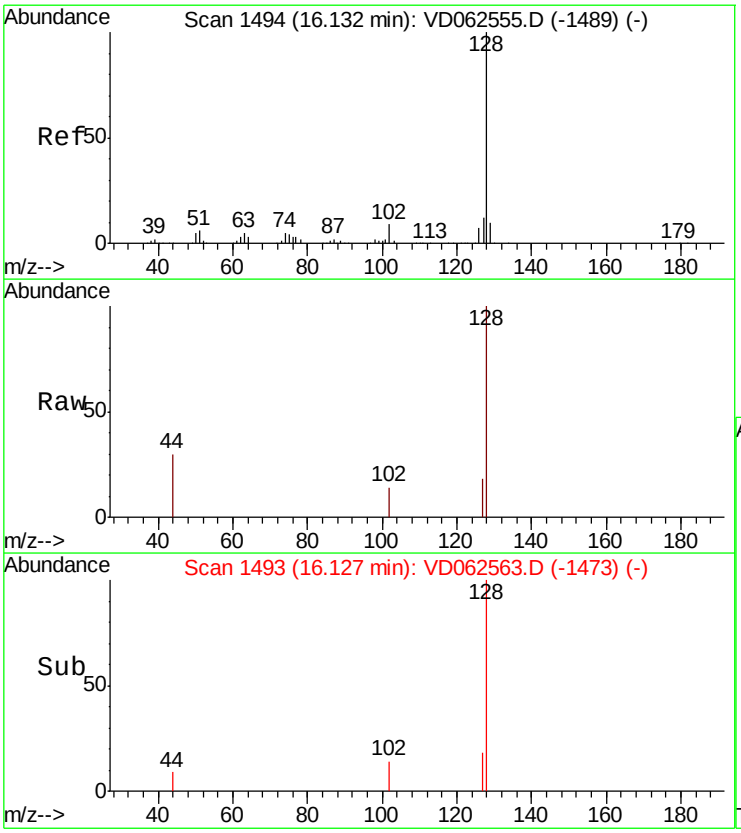
#84
1,2,4-Trimethylbenzene
Concen: 1.082 ug/l
RT: 14.24 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-25-D2

Tgt Ion:105 Resp: 4113

Ion	Ratio	Lower	Upper
105	100		
120	15.7	19.6	58.8#





#95
Naphthalene
Concen: 1.449 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062563.D
Acq: 31 May 2019 14:58

Tgt Ion:128 Resp: 2753

Ion	Ratio	Lower	Upper
128	100		
127	18.0	9.7	14.5#
129	0.0	8.2	12.2#