Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080119\
Data File : VD063293.D
Acq On : 1 Aug 2019 15:35
Operator : VA/AP
Sample : K4120-03
Misc : 4.87g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T1-3

Quant Time: Aug 02 07:24:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	49092	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	79810	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	73023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	36811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	32180	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.16%			
35) Dibromofluoromethane	6.91	113	29921	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.82%			
50) Toluene-d8	10.40	98	54899	36.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.00%			
62) 4-Bromofluorobenzene	13.55	95	28968	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.36%			
Target Compounds						Qvalue
3) Chloromethane	1.75	50	699	1.499	ug/l #	46
5) Bromomethane	2.10	94	2388	9.810	ug/l #	12
8) Diethyl Ether	2.77	74	207	1.580	ug/l	62
13) Acrolein	3.01	56	730	31.730	ug/l #	81
14) Allyl chloride	3.58	41	1084	1.787	ug/l #	11
16) Acetone	3.20	43	7615	71.749	ug/l #	62
25) 2-Butanone	6.13	43	638	5.990	ug/l #	56
29) Tetrahydrofuran	6.47	42	701	13.901	ug/l #	33
31) Cyclohexane	7.04	56	553	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	4092	5.618	ug/l #	44
37) Ethyl Acetate	6.16	43	502	1.534	ug/l #	10
38) Carbon Tetrachloride	7.04	117	5010	4.569	ug/l #	11
43) Isopropyl Acetate	9.24	43	535	1.280	ug/l #	49
48) Methyl methacrylate	9.00	41	666	2.457	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.84	63	197	1.008	ug/l #	47
59) 2-Hexanone	11.50	43	209	1.020	ug/l #	31
81) trans-1,4-Dichloro-2-buten	13.55	75	12827	104.475	ug/l #	3
89) n-Butylbenzene	14.78	91	3597	1.820	ug/l #	28
95) Naphthalene	16.12	128	2550	2.239	ug/l #	83

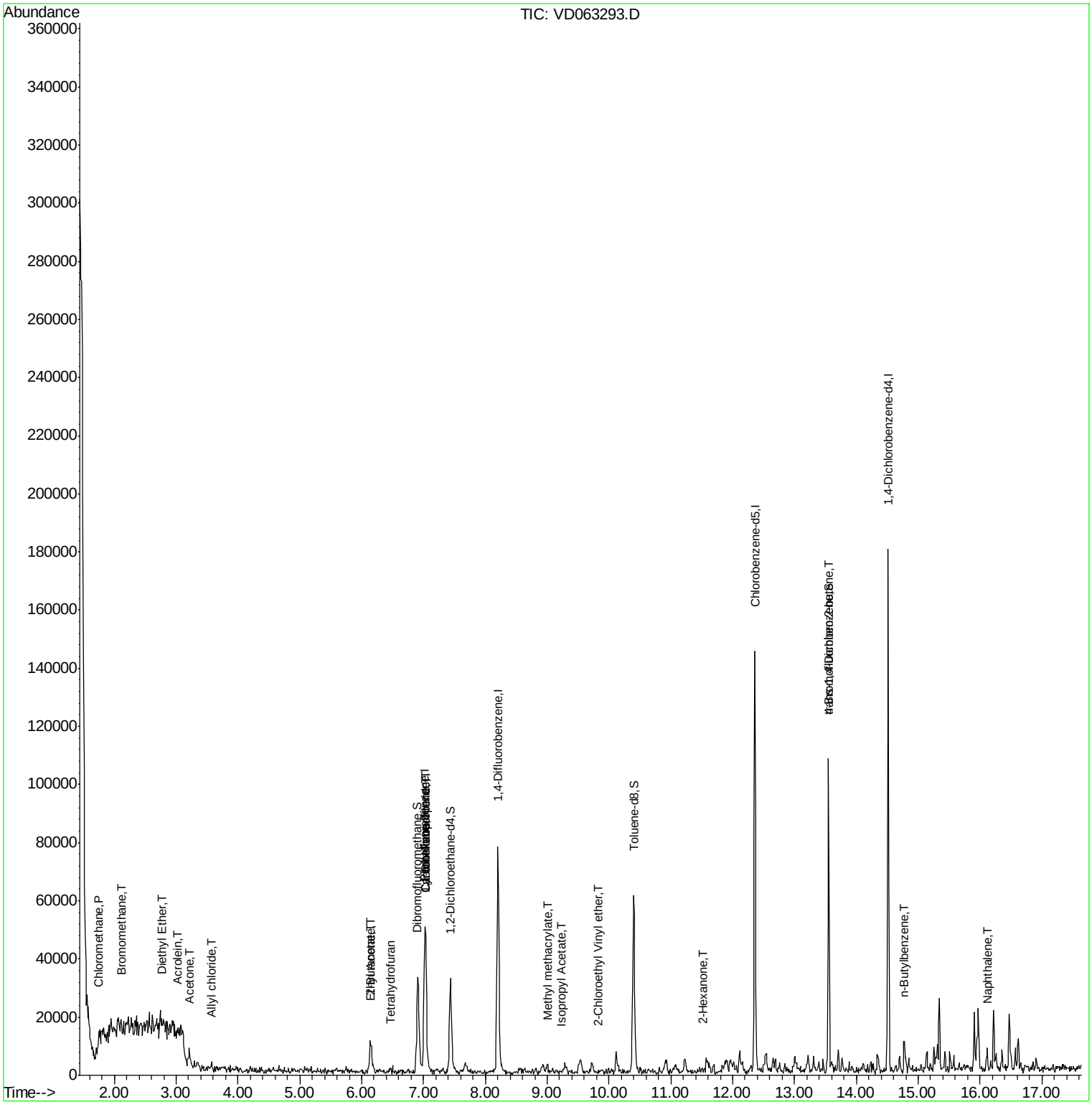
(#) = qualifier out of range (m) = manual integration (+) = signals summed

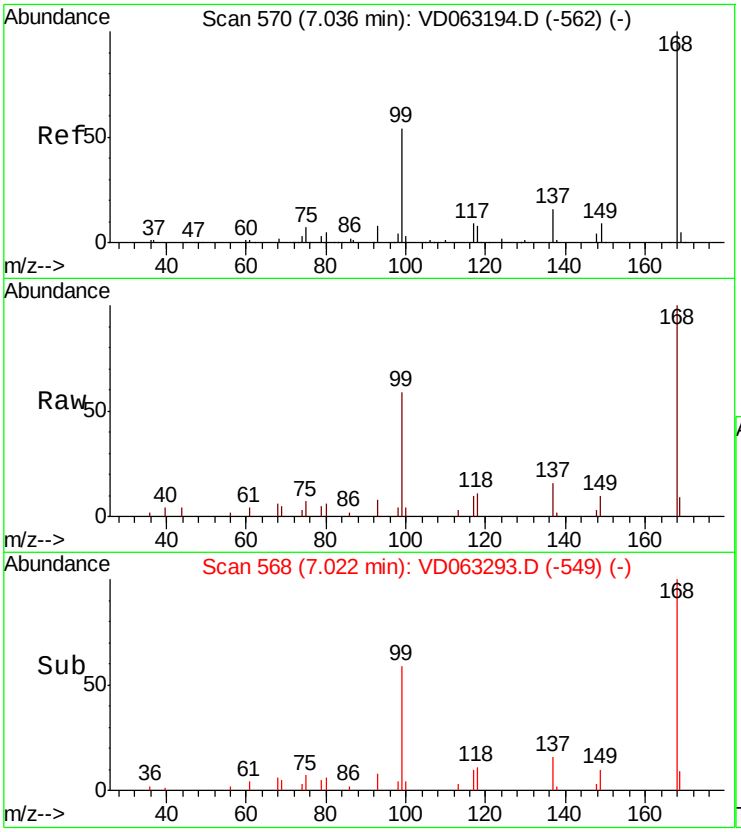
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080119\
Data File : VD063293.D
Acq On : 1 Aug 2019 15:35
Operator : VA/AP
Sample : K4120-03
Misc : 4.87g/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Quant Time: Aug 02 07:24:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration



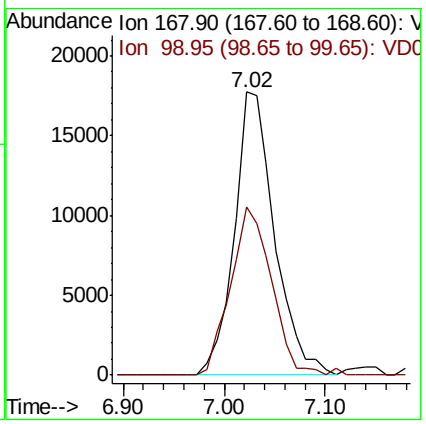


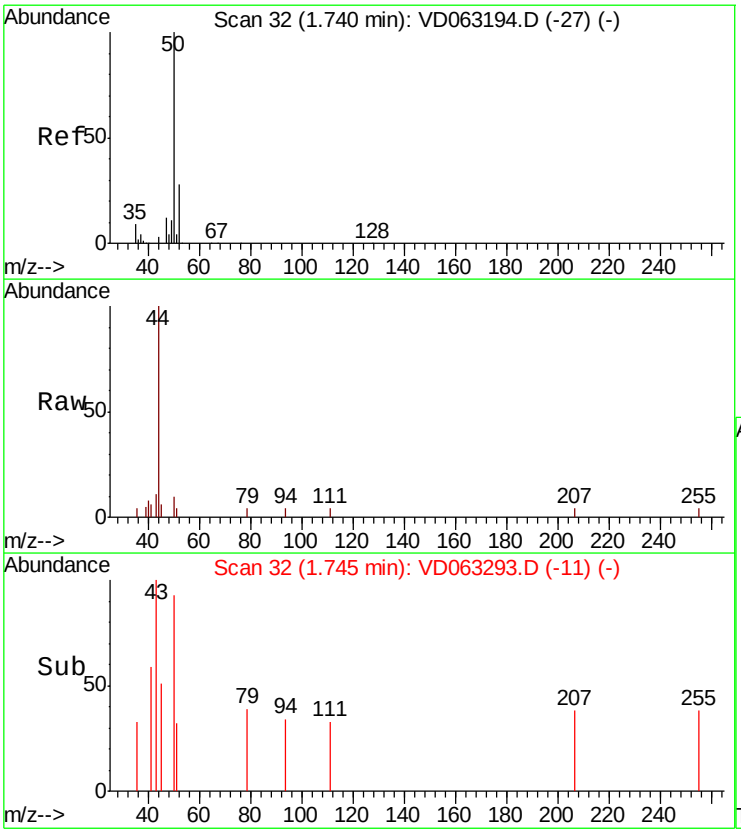
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion:168 Resp: 49092

Ion	Ratio	Lower	Upper
168	100		
99	59.5	43.7	65.5

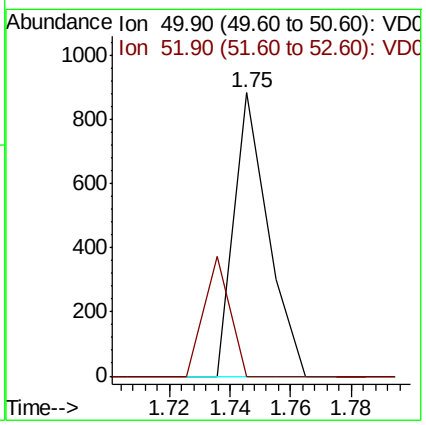


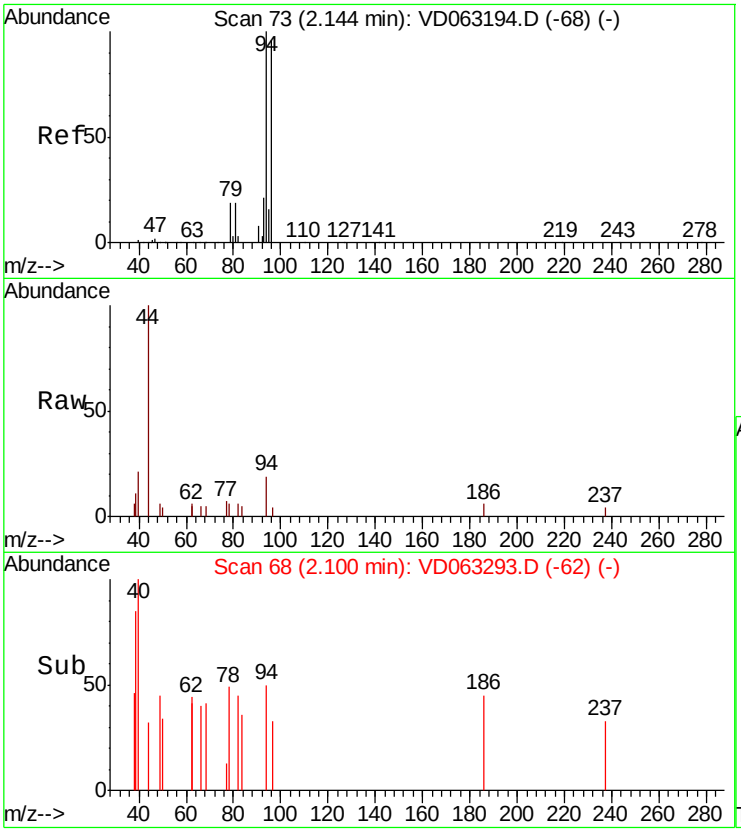


#3
Chloromethane
Concen: 1.499 ug/l
RT: 1.75 min Scan# 32
Delta R.T. 0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 50 Resp: 699

Ion	Ratio	Lower	Upper
50	100		
52	0.0	22.6	34.0#



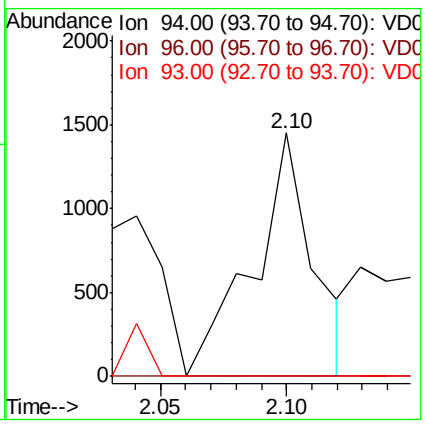


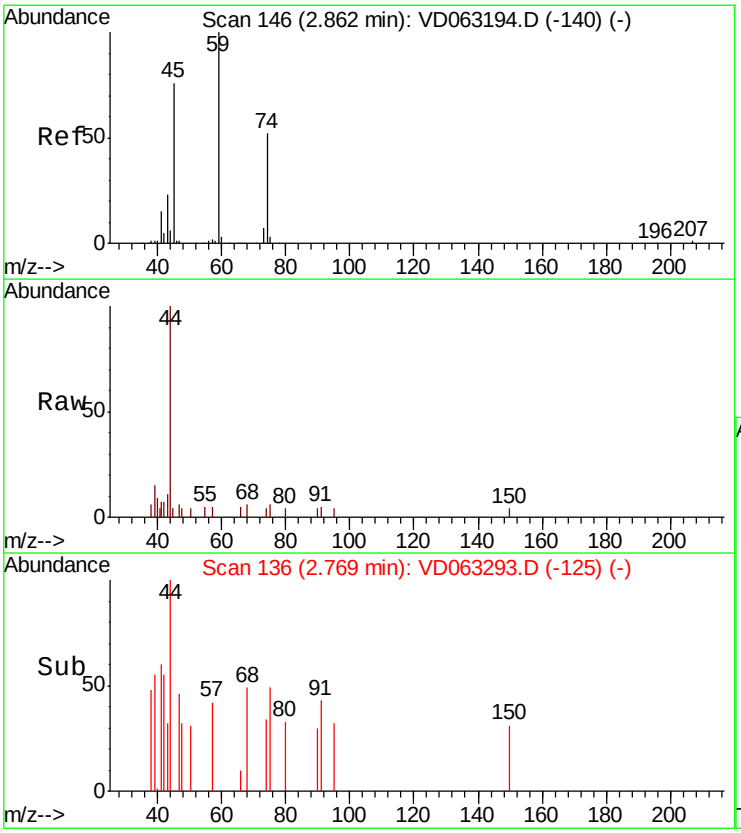
#5
Bromomethane
Concen: 9.810 ug/l
RT: 2.10 min Scan# 68
Delta R.T. -0.04 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 94 Resp: 2388

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.4	114.6#
93	0.0	17.3	25.9#

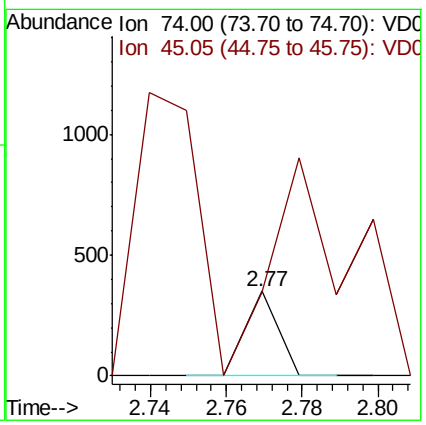


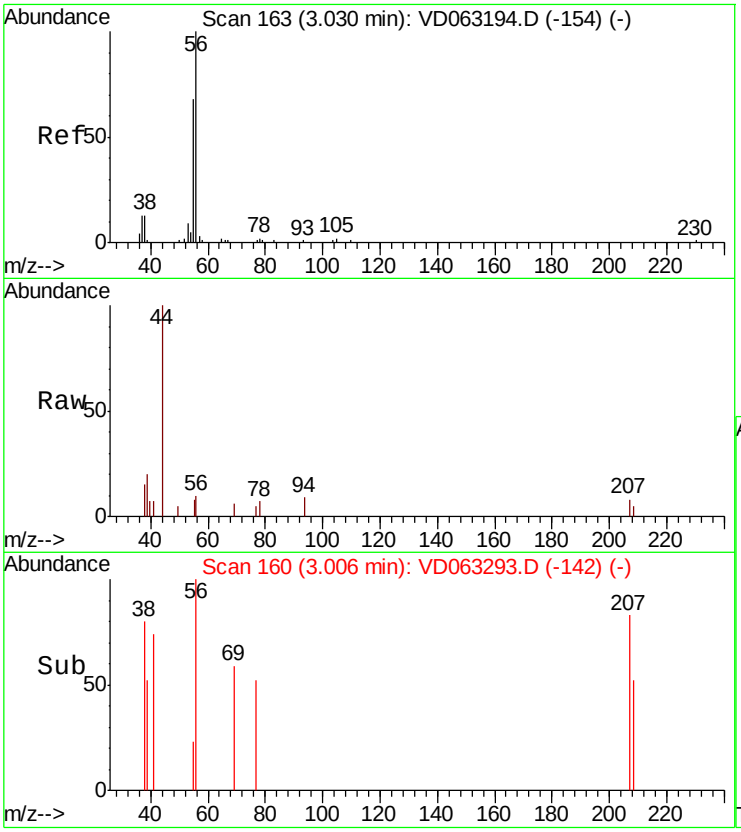


#8
Diethyl Ether
Concen: 1.580 ug/l
RT: 2.77 min Scan# 136
Delta R.T. -0.09 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 74 Resp: 207

Ion	Ratio	Lower	Upper
74	100		
45	99.4	73.6	220.8



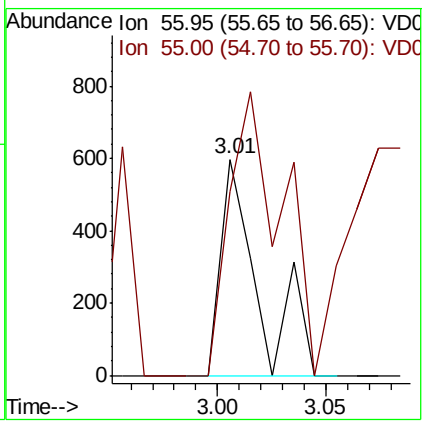


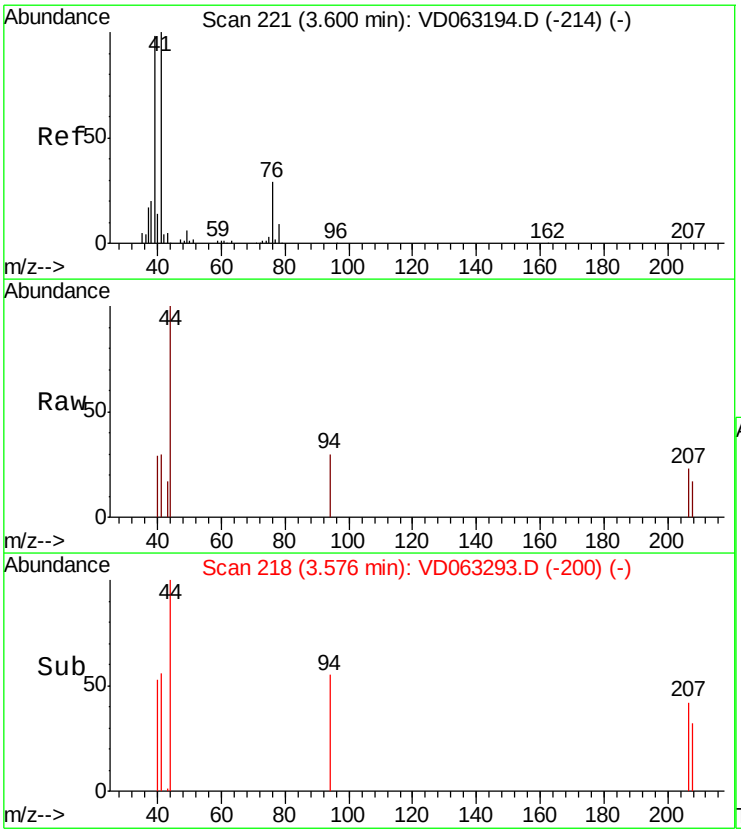
#13
Acrolein
Concen: 31.730 ug/l
RT: 3.01 min Scan# 160
Delta R.T. -0.02 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tgt Ion: 56 Resp: 730

Ion	Ratio	Lower	Upper
56	100		
55	84.9	55.3	82.9#

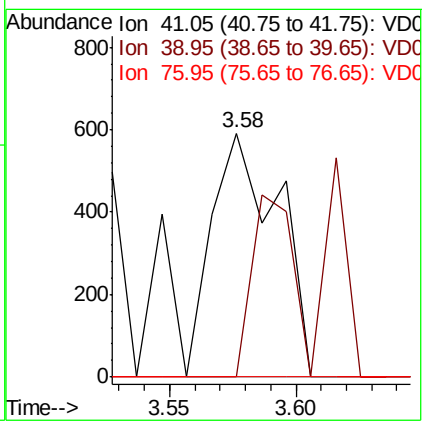


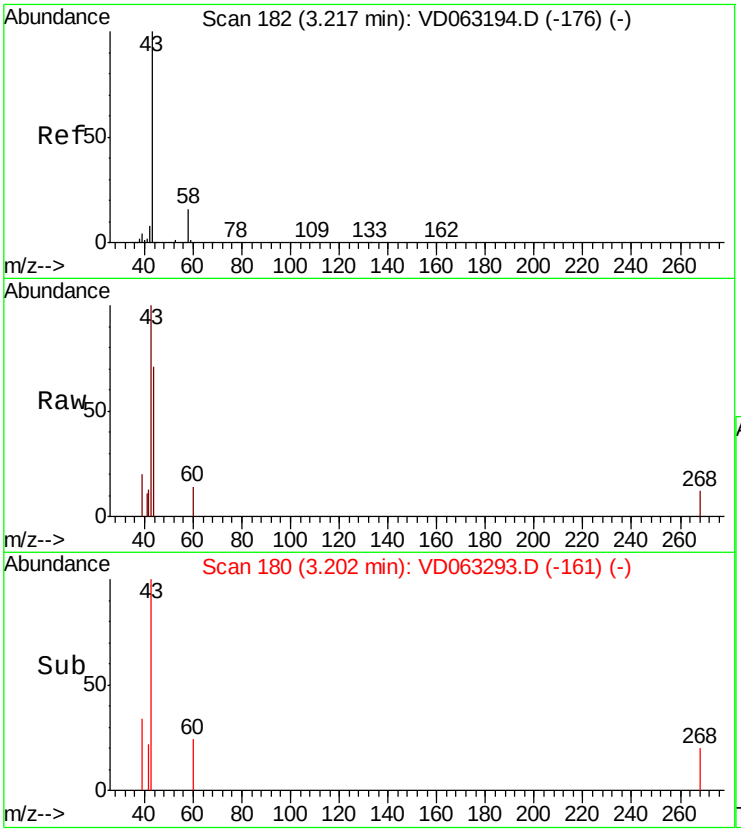


#14
Allyl chloride
Concen: 1.787 ug/l
RT: 3.58 min Scan# 218
Delta R.T. -0.02 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 41 Resp: 1084

Ion	Ratio	Lower	Upper
41	100		
39	0.0	78.6	117.8#
76	0.0	24.5	36.7#



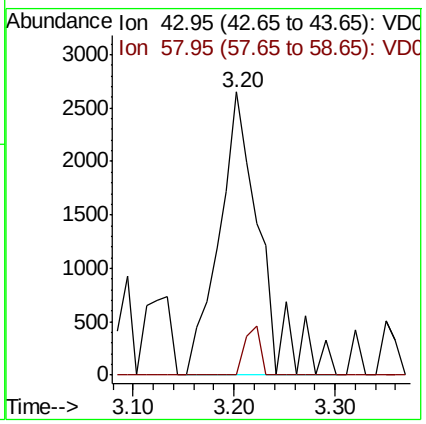


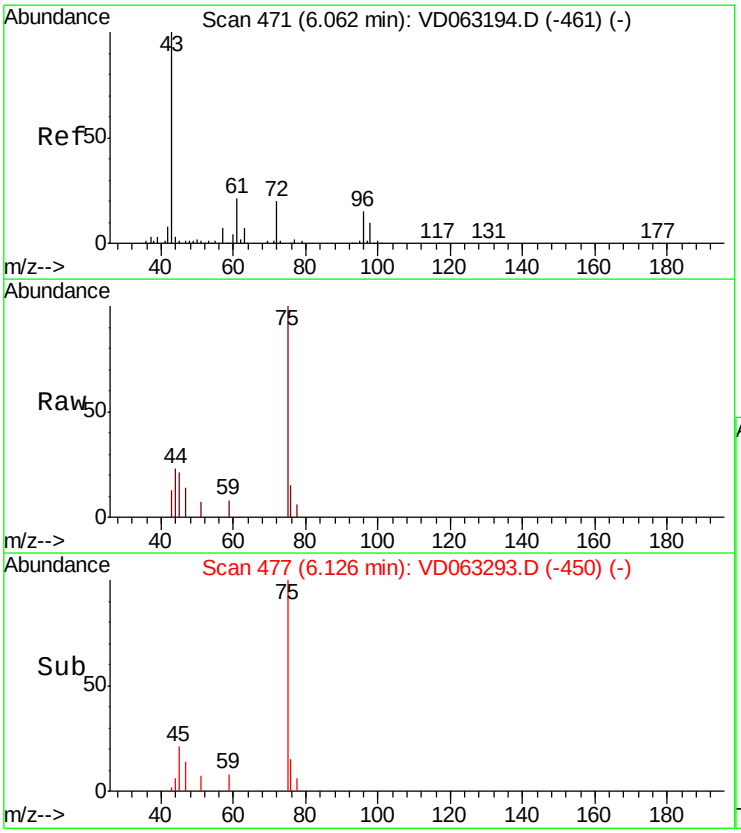
#16
Acetone
Concen: 71.749 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 43 Resp: 7615

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

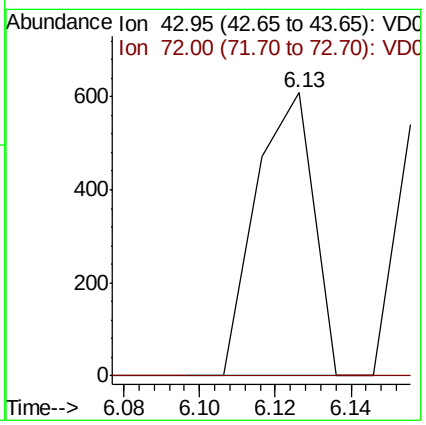


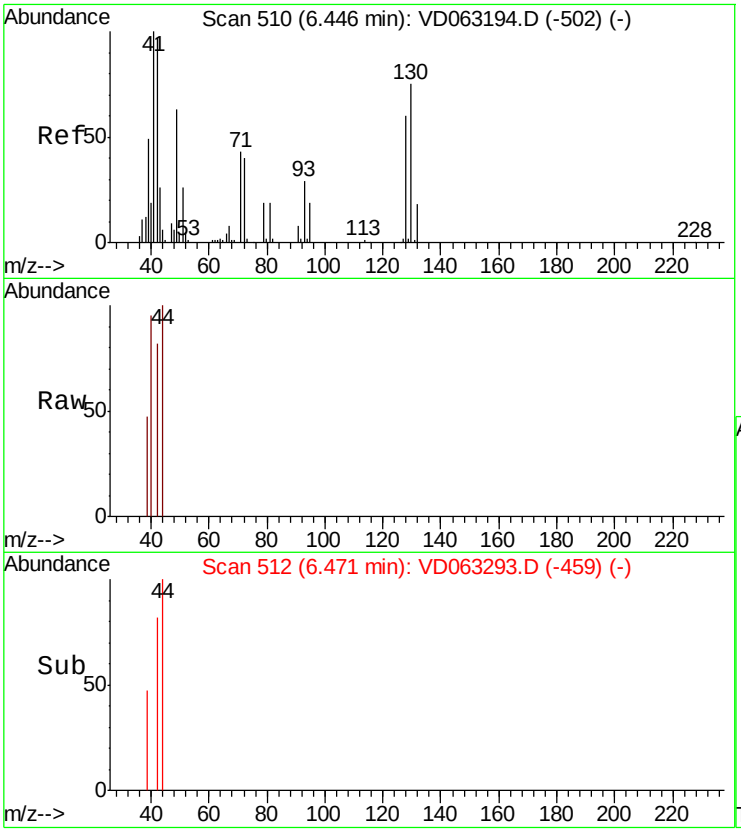


#25
2-Butanone
Concen: 5.990 ug/l
RT: 6.13 min Scan# 477
Delta R.T. 0.06 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 43 Resp: 638

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.3	24.5#



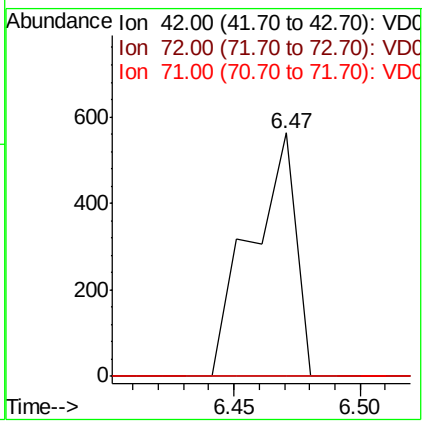


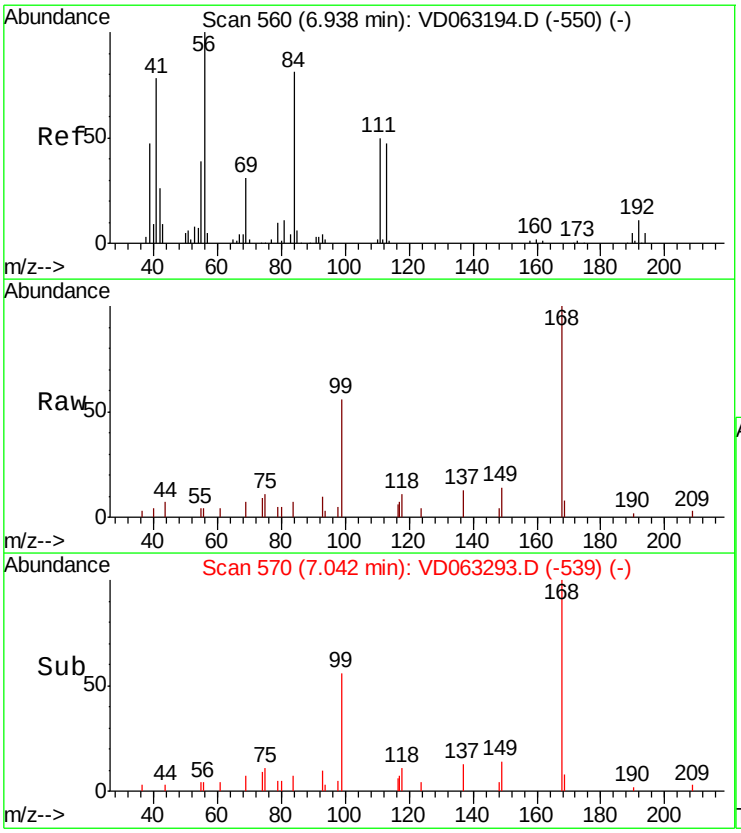
#29
Tetrahydrofuran
Concen: 13.901 ug/l
RT: 6.47 min Scan# 512
Delta R.T. 0.03 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 42 Resp: 701

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.2#
71	0.0	35.7	53.5#

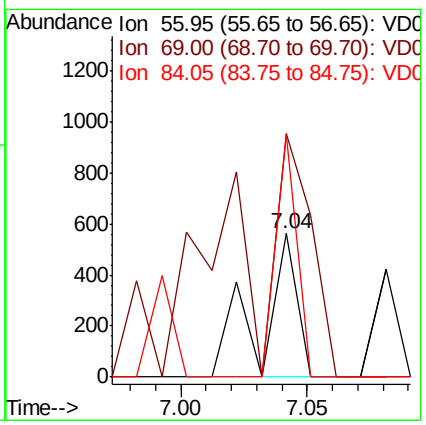


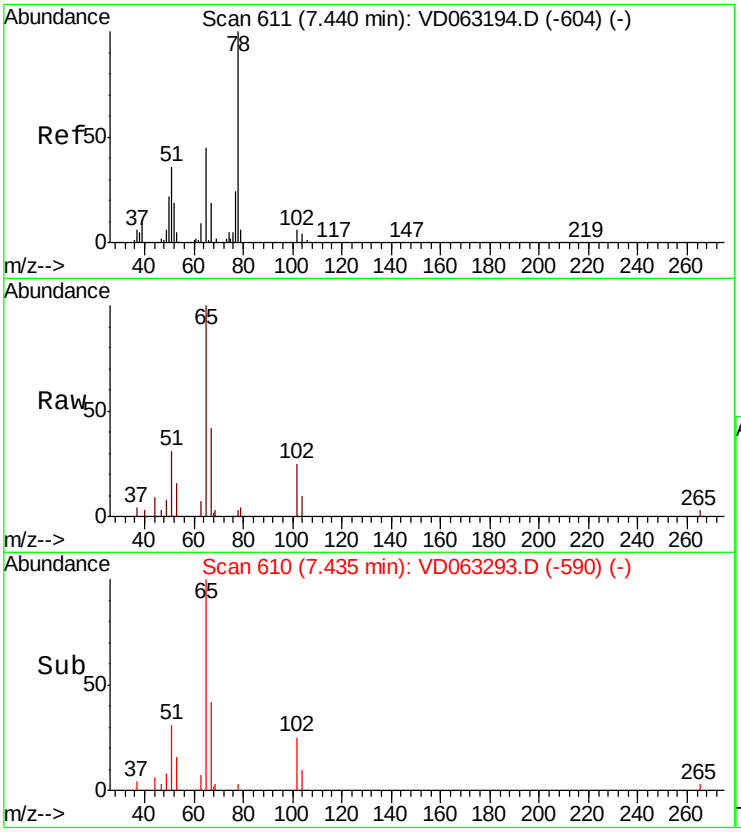


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.10 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 56 Resp: 553

Ion	Ratio	Lower	Upper
56	100		
69	169.4	24.5	36.7#
84	168.6	64.9	97.3#



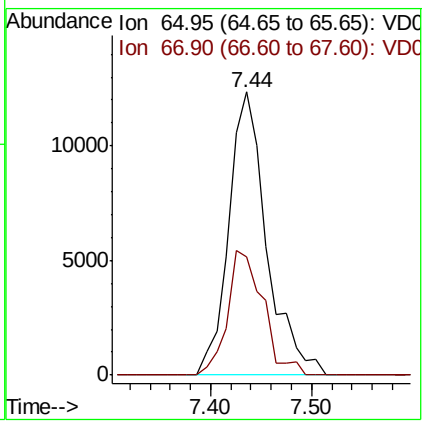


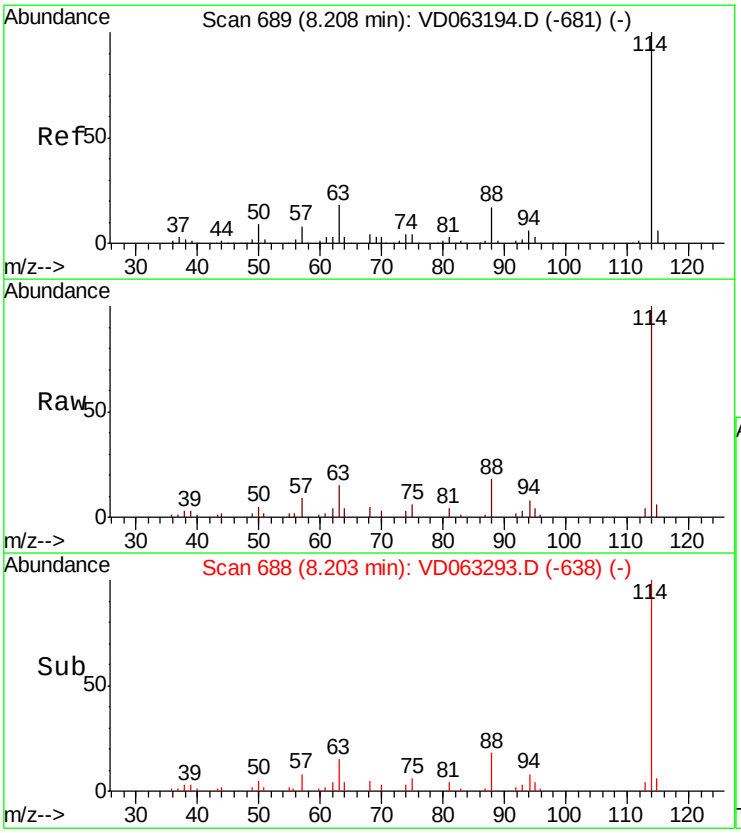
#33
1,2-Dichloroethane-d4
Concen: 59.076 ug/l
RT: 7.44 min Scan# 610
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 65 Resp: 32180

Ion	Ratio	Lower	Upper
65	100		
67	41.8	0.0	85.8

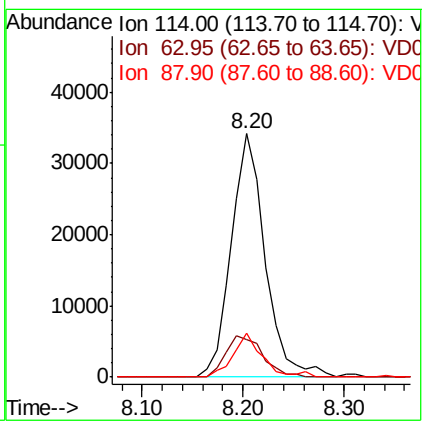


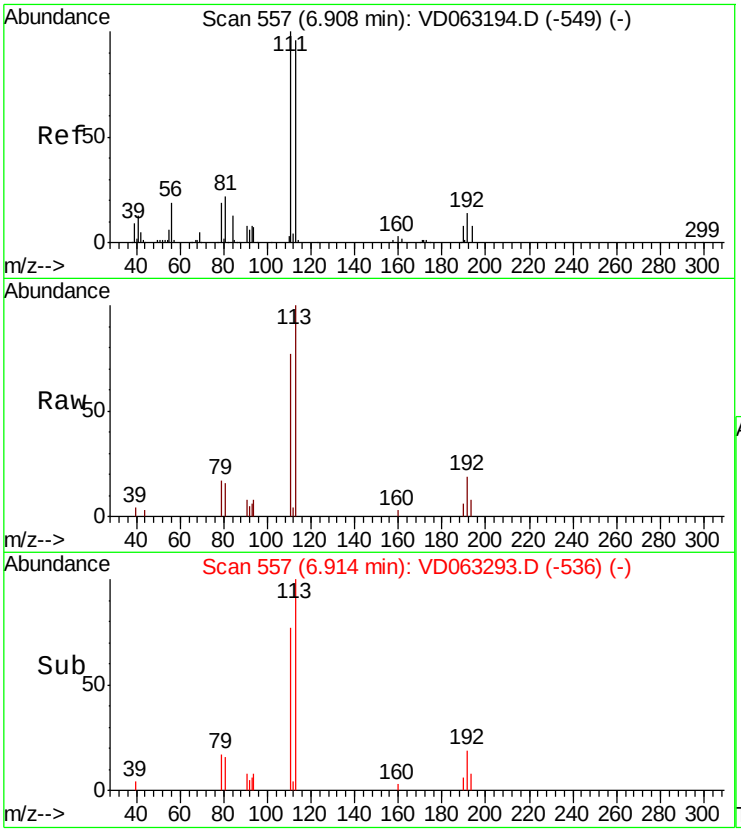


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion:114 Resp: 79810

Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	35.2
88	18.2	0.0	34.6



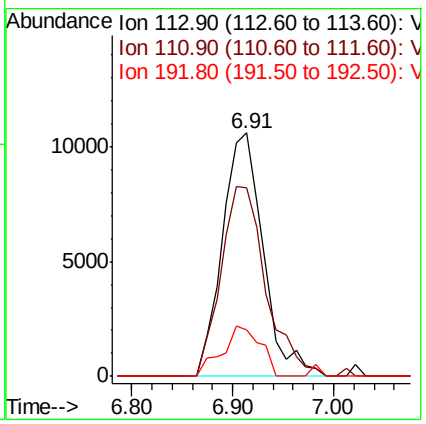


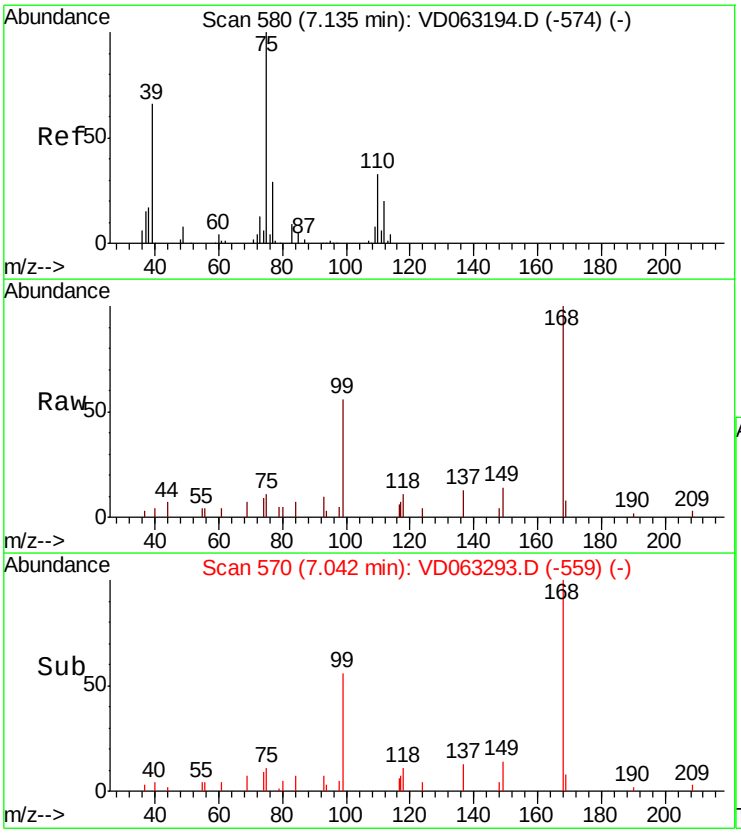
#35
Dibromofluoromethane
Concen: 43.911 ug/l
RT: 6.91 min Scan# 557
Delta R.T. 0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tgt Ion:113 Resp: 29921

Ion	Ratio	Lower	Upper
113	100		
111	77.3	83.2	124.8#
192	19.0	11.8	17.8#

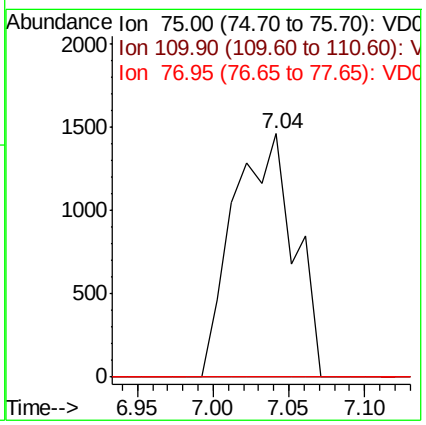


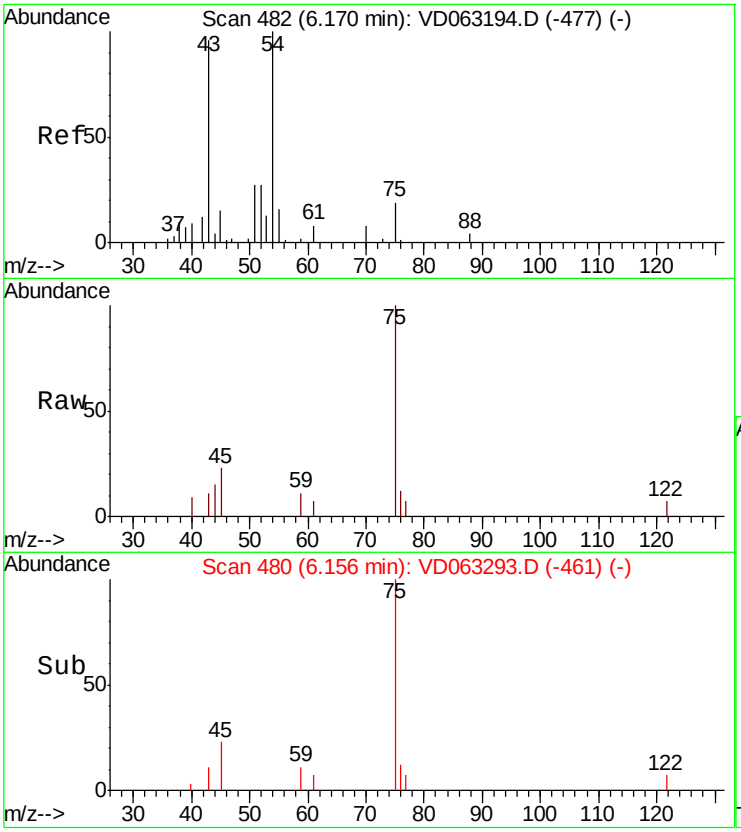


#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 75 Resp: 4092

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.1	48.2#
77	0.0	22.7	34.1#



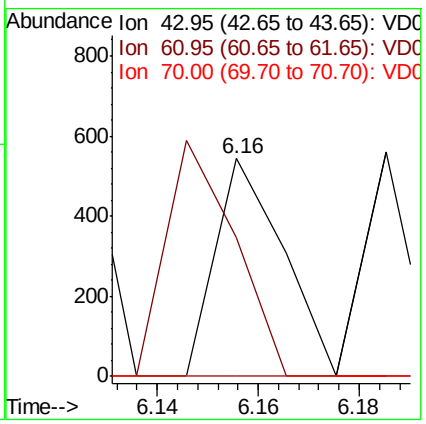


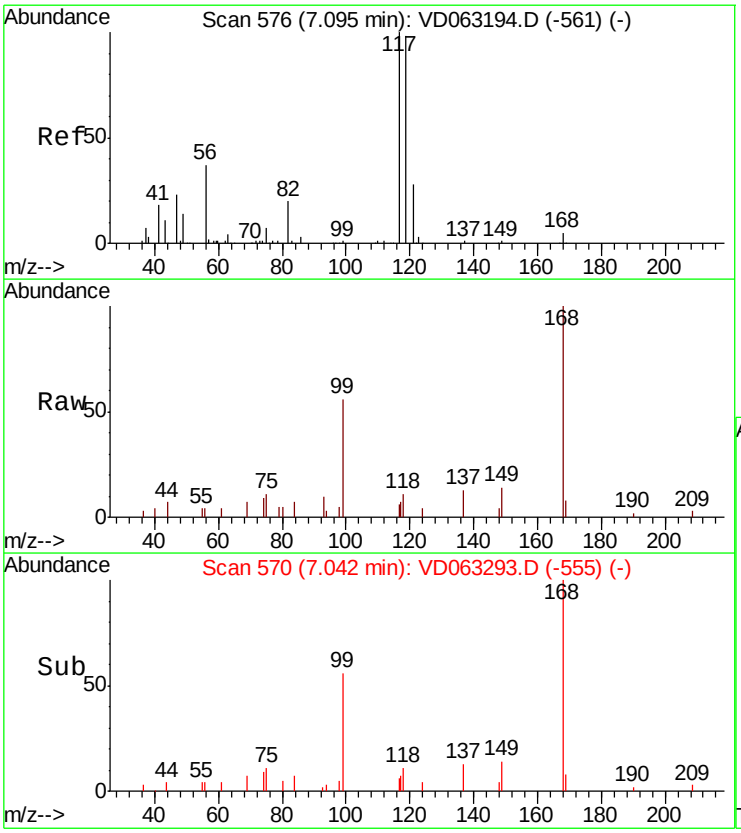
#37
Ethyl Acetate
Concen: 1.534 ug/l
RT: 6.16 min Scan# 480
Delta R.T. -0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 43 Resp: 502

Ion	Ratio	Lower	Upper
43	100		
61	63.7	11.3	16.9#
70	0.0	5.1	7.7#

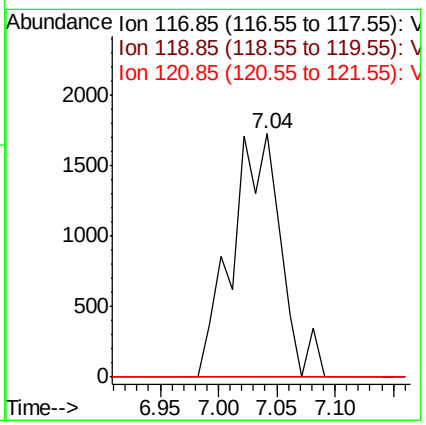


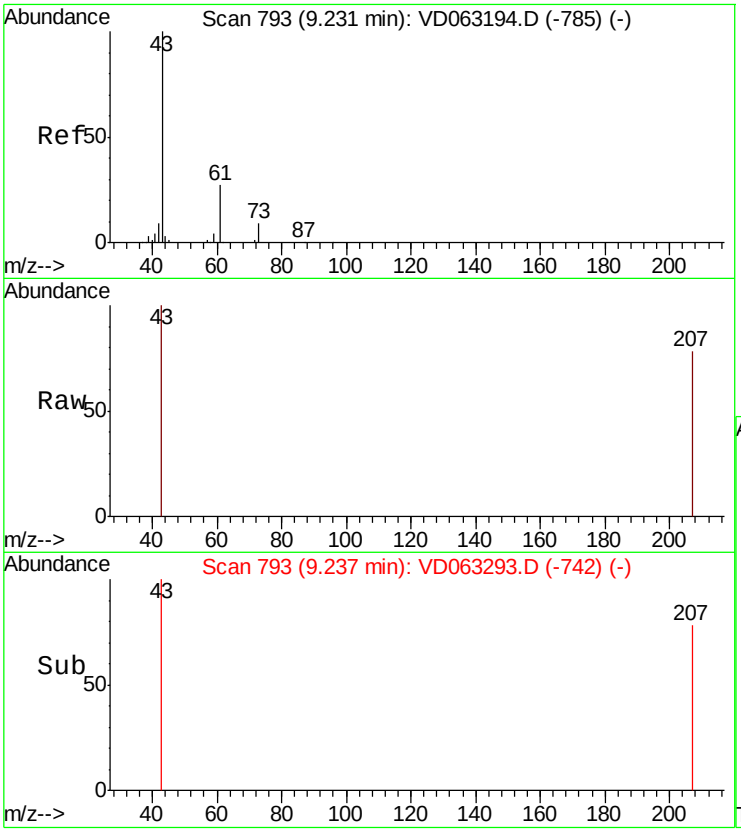


#38
Carbon Tetrachloride
Concen: 4.569 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.05 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion:117 Resp: 5010

Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.2	117.2#
121	0.0	22.1	33.1#



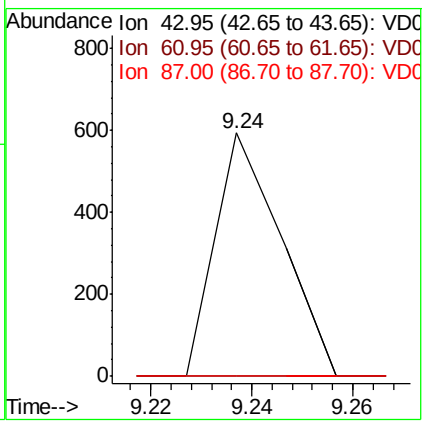


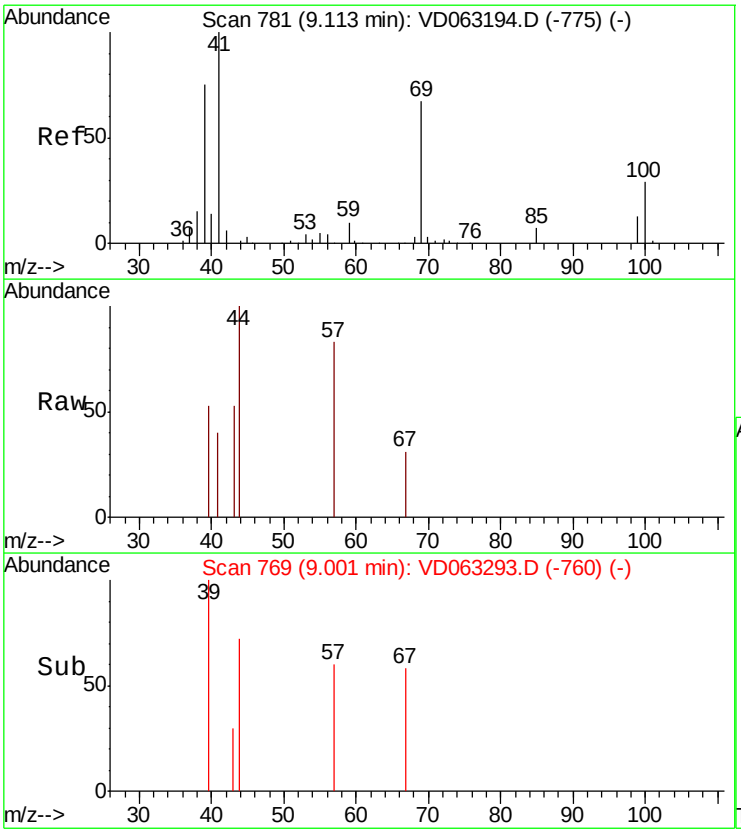
#43
Isopropyl Acetate
Concen: 1.280 ug/l
RT: 9.24 min Scan# 793
Delta R.T. 0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 43 Resp: 535

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#

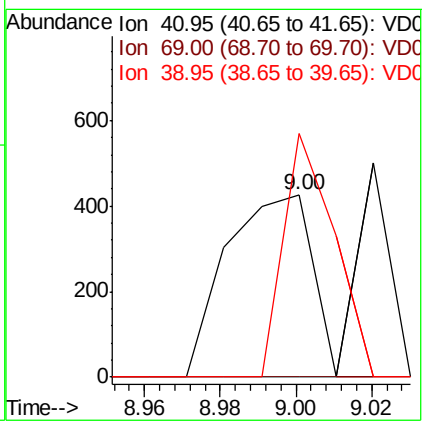


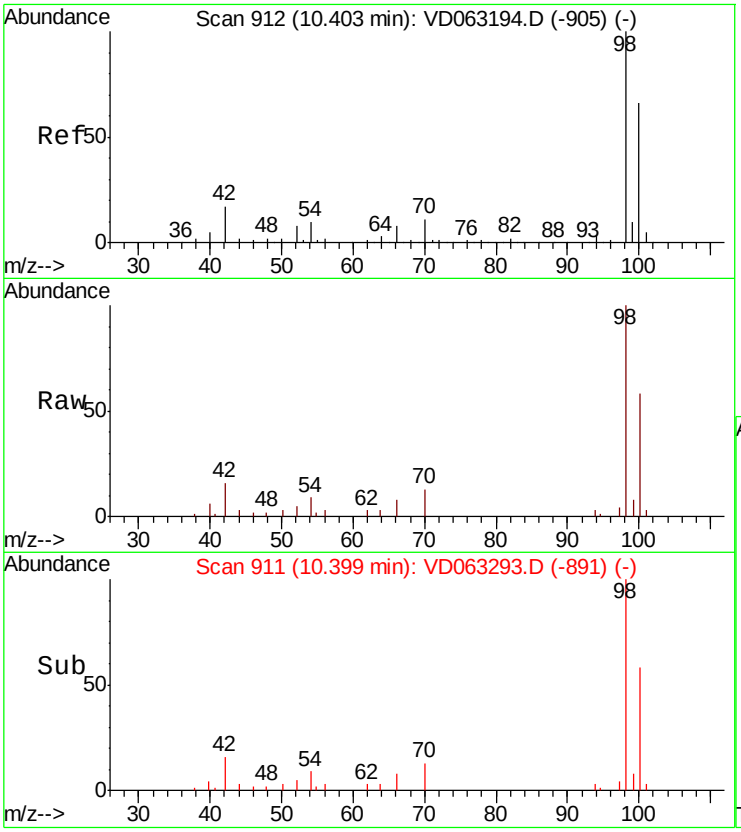


#48
Methyl methacrylate
Concen: 2.457 ug/l
RT: 9.00 min Scan# 769
Delta R.T. -0.11 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 41 Resp: 666

Ion	Ratio	Lower	Upper
41	100		
69	0.0	53.4	80.0#
39	133.3	60.3	90.5#



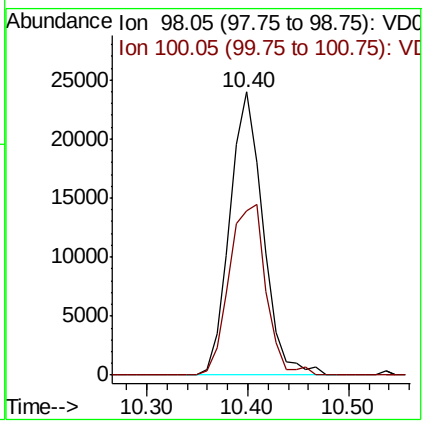


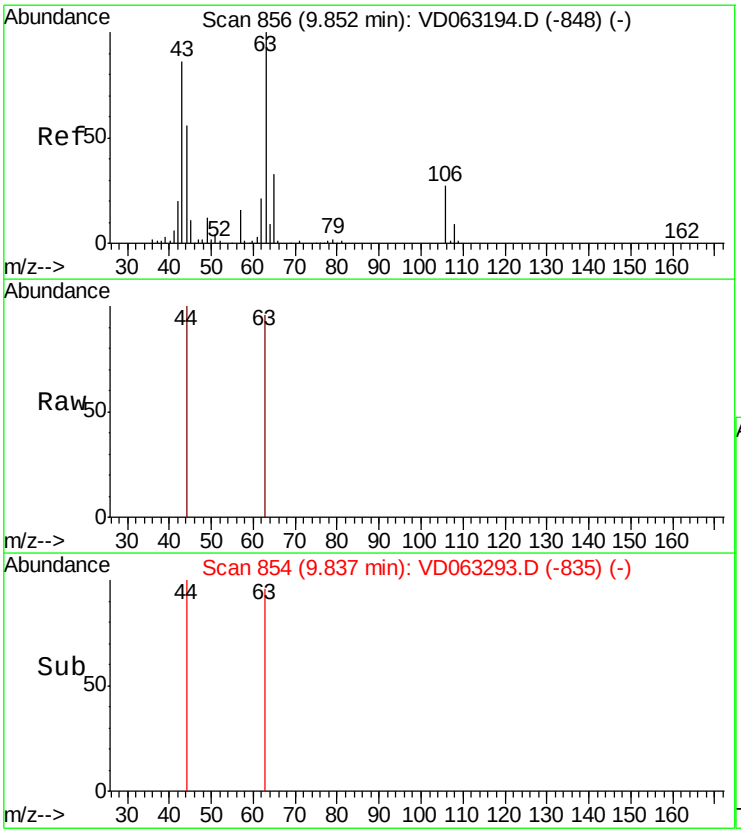
#50
Toluene-d8
Concen: 36.000 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tgt Ion: 98 Resp: 54899

Ion	Ratio	Lower	Upper
98	100		
100	57.9	53.2	79.8

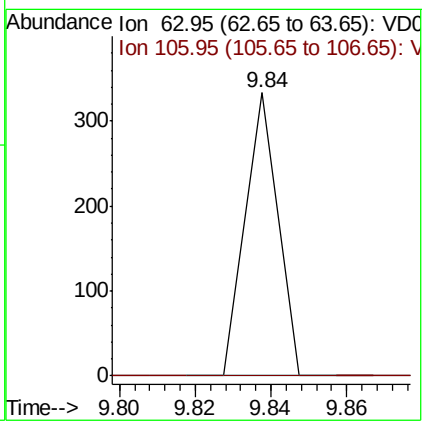


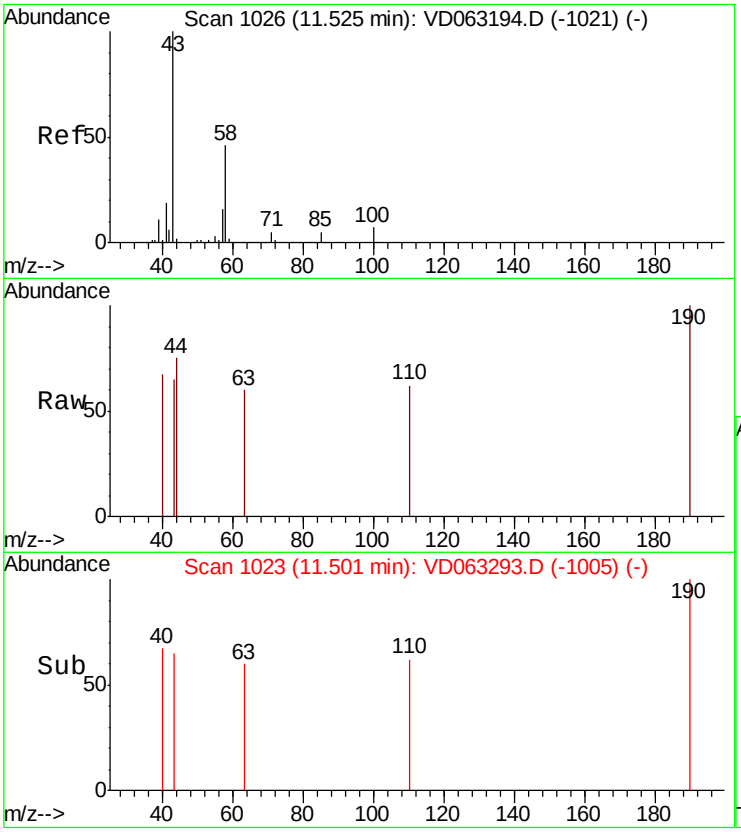


#58
2-Chloroethyl Vinyl ether
Concen: 1.008 ug/l
RT: 9.84 min Scan# 854
Delta R.T. -0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 63 Resp: 197

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.0	33.0#



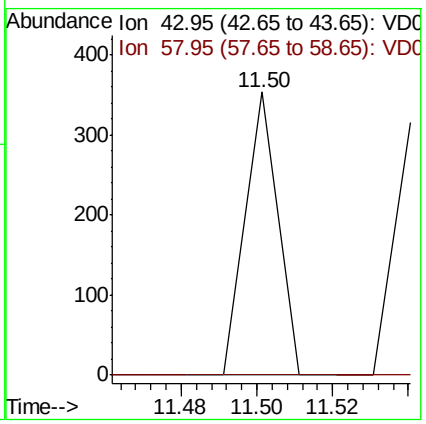


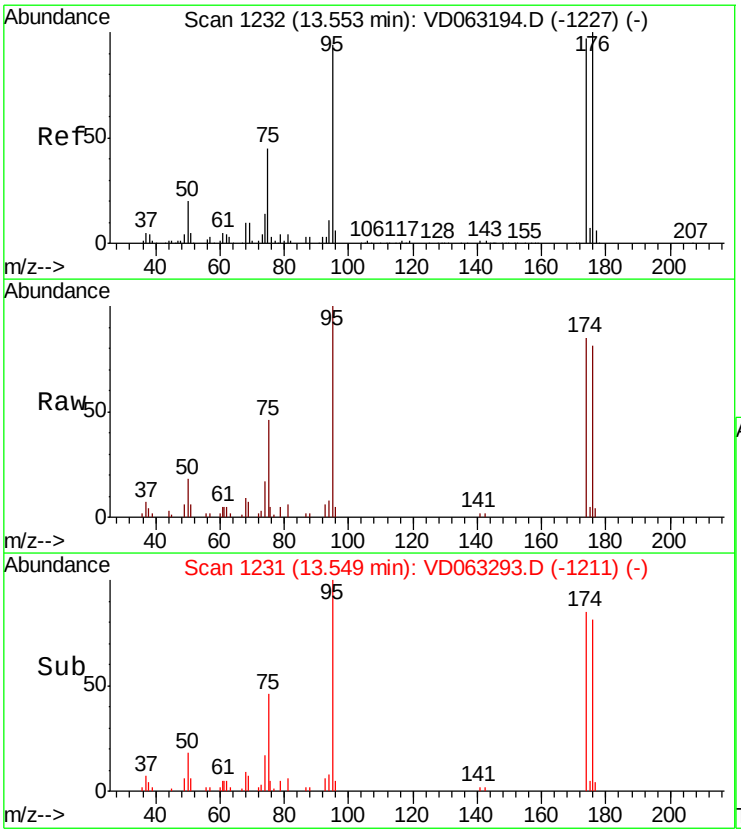
#59
2-Hexanone
Concen: 1.020 ug/l
RT: 11.50 min Scan# 1023
Delta R.T. -0.02 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	68.5#

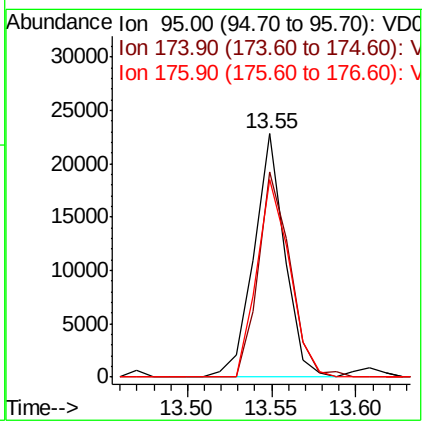


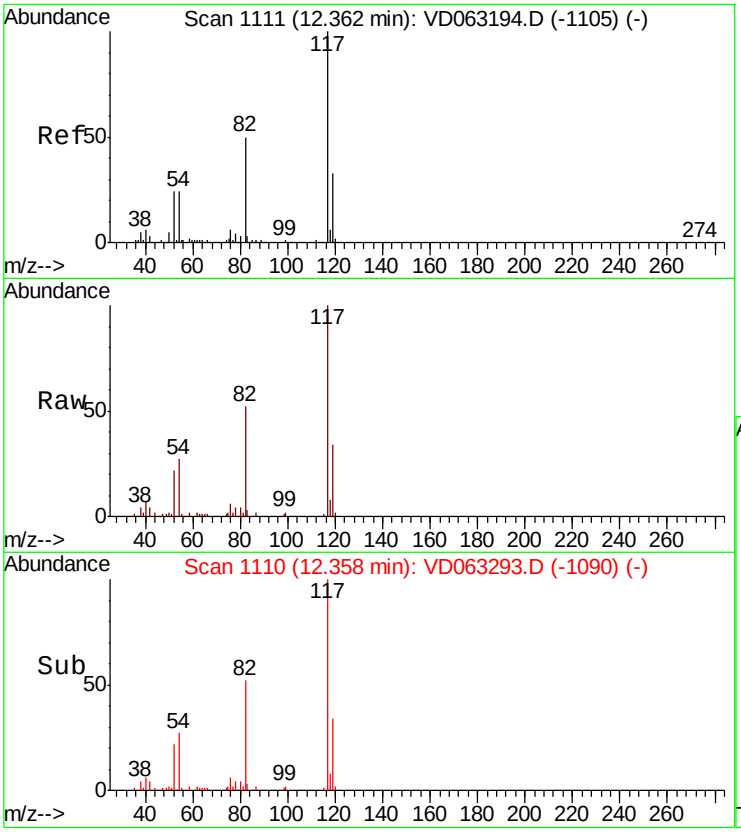


#62
4-Bromofluorobenzene
Concen: 41.685 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 95 Resp: 28968

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	205.4
176	81.4	0.0	211.8



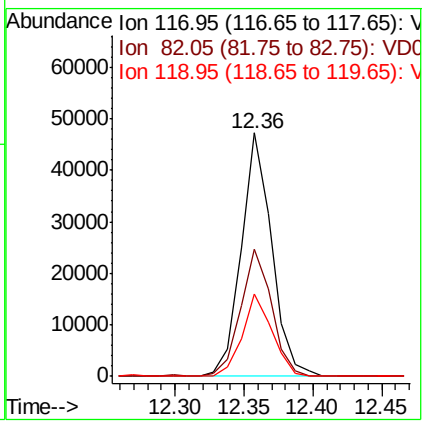


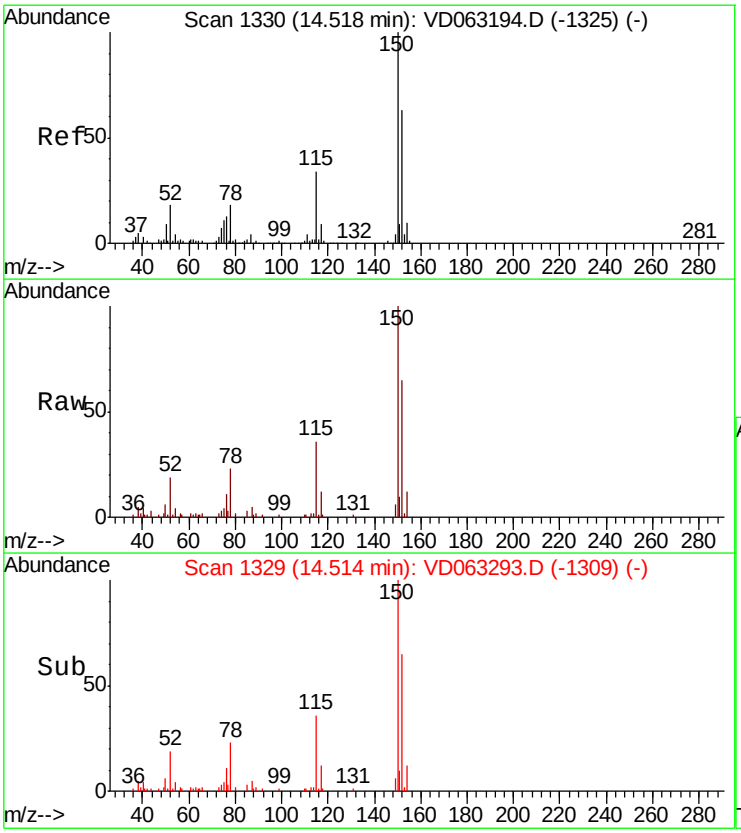
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument : MSVOA_D
ClientSampleId : T1-3

Tgt Ion:117 Resp: 73023

Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.1	60.1
119	33.9	26.5	39.7

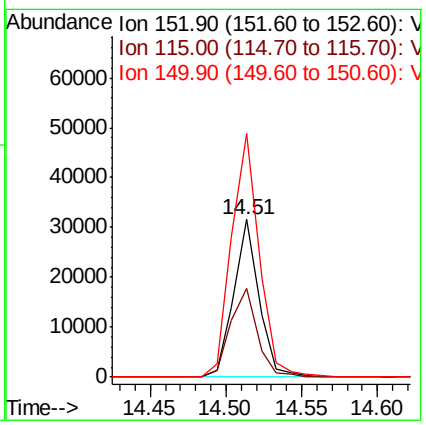


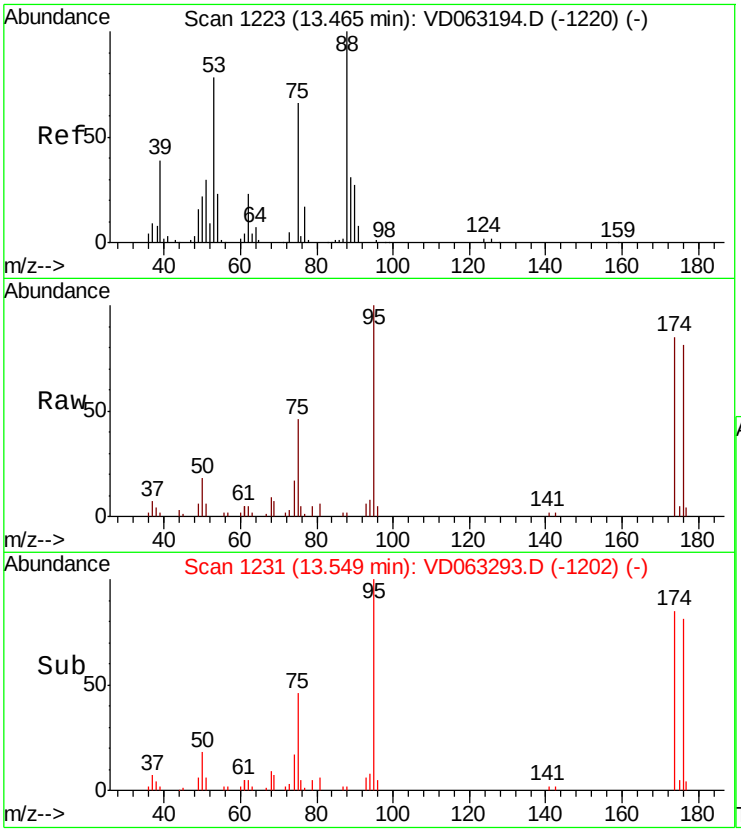


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion:152 Resp: 36811

Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.5	82.4
150	154.4	0.0	320.6



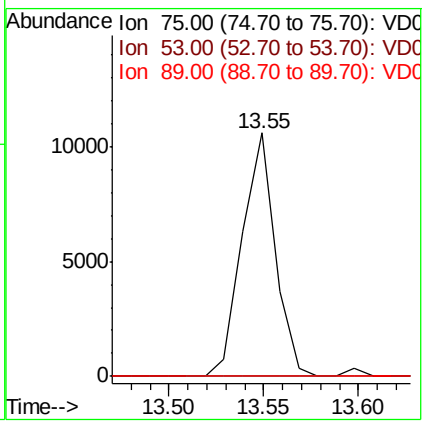


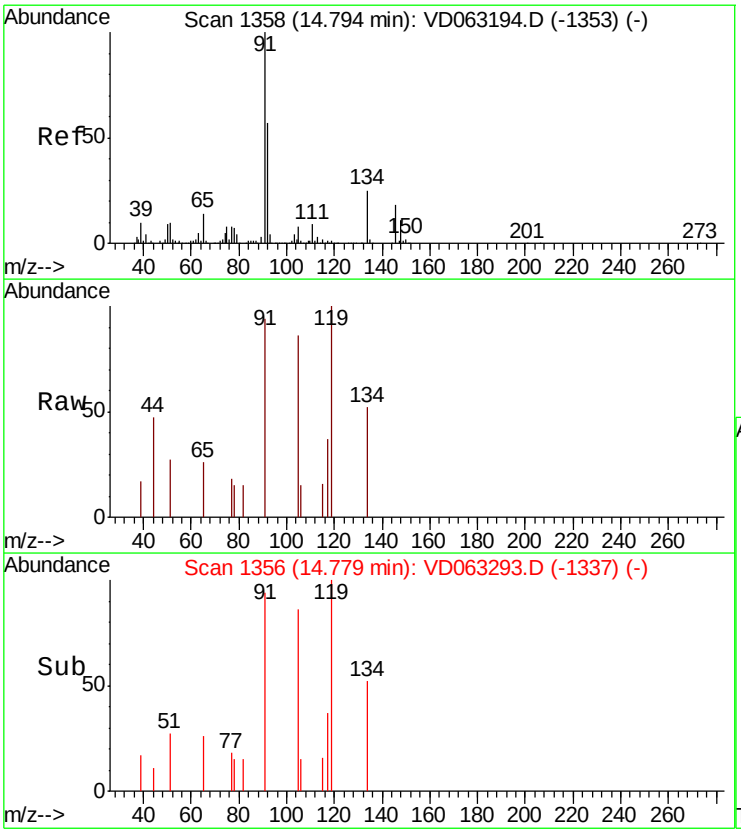
#81
trans-1,4-Dichloro-2-butene
Concen: 104.475 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tgt Ion: 75 Resp: 12827

Ion	Ratio	Lower	Upper
75	100		
53	0.0	94.9	142.3#
89	0.0	37.4	56.0#

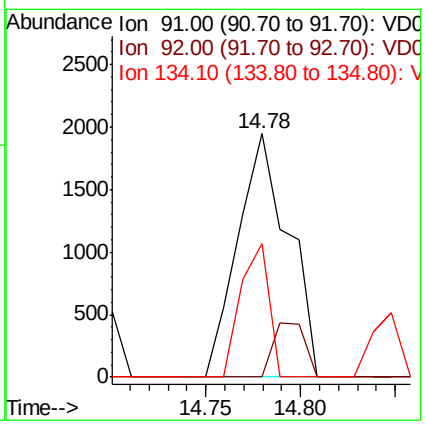


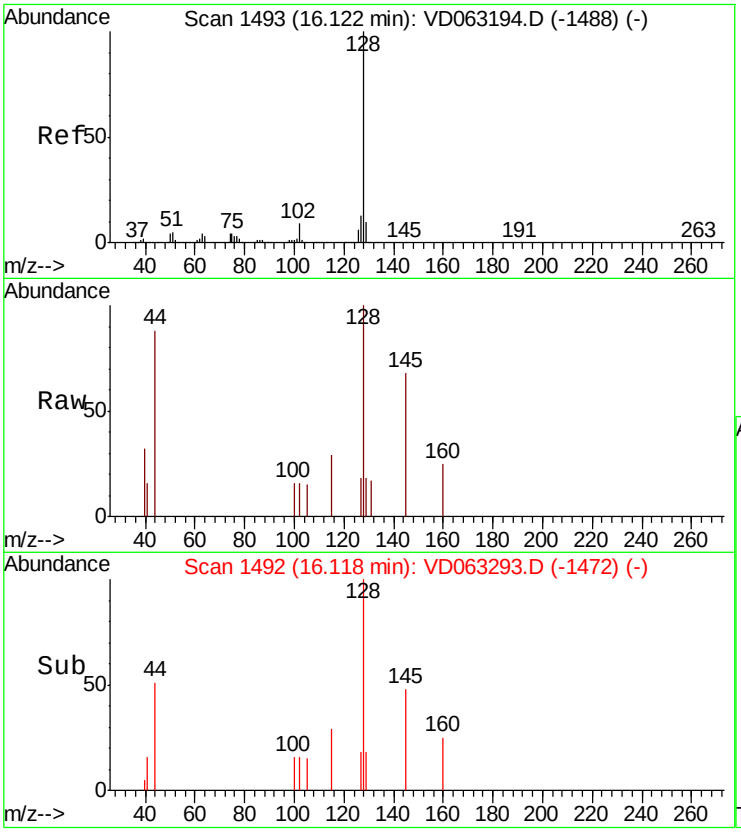


#89
n-Butylbenzene
Concen: 1.820 ug/l
RT: 14.78 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 91 Resp: 3597

Ion	Ratio	Lower	Upper
91	100		
92	0.0	28.3	85.0#
134	54.7	12.3	36.8#





#95
Naphthalene
Concen: 2.239 ug/l
RT: 16.12 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tgt Ion:128 Resp: 2550

Ion	Ratio	Lower	Upper
128	100		
127	17.8	10.2	15.4#
129	17.9	7.8	11.8#