Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041720\
Data File : VD065642.D
Acq On : 17 Apr 2020 13:53
Operator : VA/SY
Sample : VD0417SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 20 06:59:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	229851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	353368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	338011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	169680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	111155	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.70%			
35) Dibromofluoromethane	7.91	113	116696	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.12%			
50) Toluene-d8	10.34	98	423901	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
62) 4-Bromofluorobenzene	12.64	95	141454	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.88%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	881	7.651	ug/l #	61
11) Tert butyl alcohol	5.18	59	659	15.730	ug/l #	74
14) Allyl chloride	4.70	41	350	4.095	ug/l #	76
16) Acetone	4.16	43	1212	4.334	ug/l	94
17) Carbon Disulfide	4.39	76	2313	6.362	ug/l #	75
23) Vinyl Acetate	6.30	43	826	11.808	ug/l #	71
25) 2-Butanone	7.23	43	1241	2.378	ug/l #	49
31) Cyclohexane	7.98	56	5750	1.561	ug/l #	30
48) Methyl methacrylate	9.46	41	60	1.762	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	583	10.087	ug/l #	36
56) Ethyl methacrylate	10.67	69	188	3.560	ug/l #	51
58) 2-Chloroethyl Vinyl ether	9.93	63	61	12.304	ug/l #	45
59) 2-Hexanone	10.99	43	591	10.553	ug/l #	45
74) N-amyl acetate	12.29	43	197	2.887	ug/l #	41
76) 1,2,3-Trichloropropane	12.64	75	70939	51.997	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	70939	113.959	ug/l #	11
95) Naphthalene	15.41	128	1906	4.430	ug/l #	84

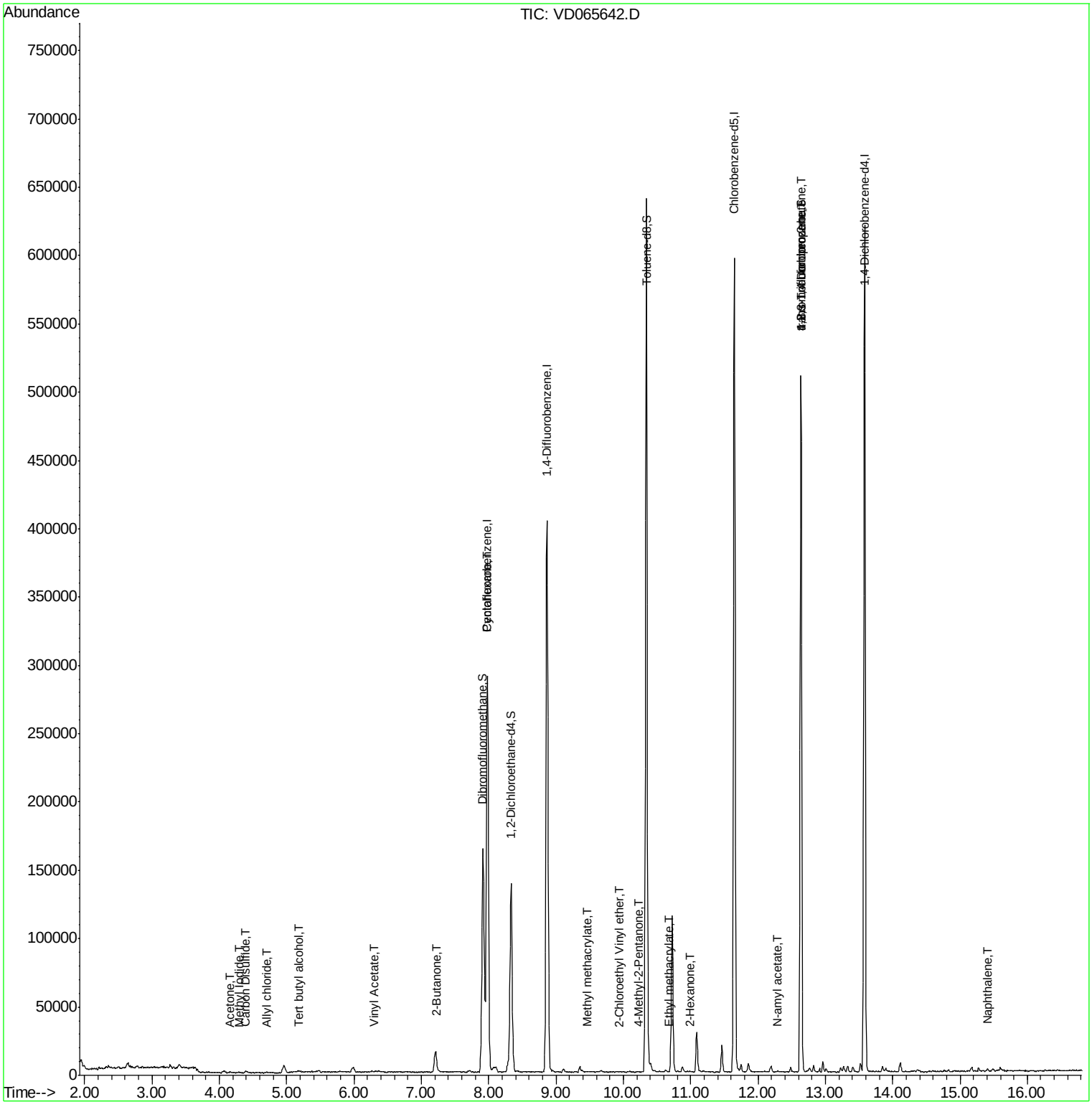
(#) = qualifier out of range (m) = manual integration (+) = signals summed

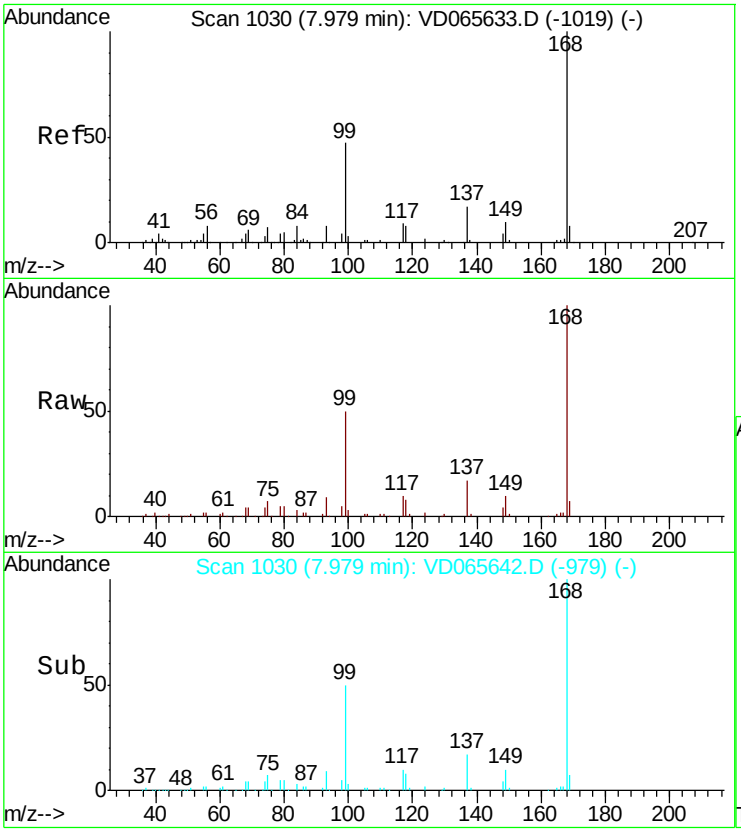
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
Data File : VD065642.D
Acq On : 17 Apr 2020 13:53
Operator : VA/SY
Sample : VD0417SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 20 06:59:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 19:43:39 2020
Response via : Initial Calibration



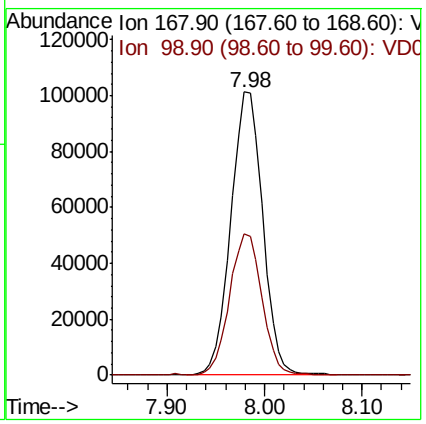


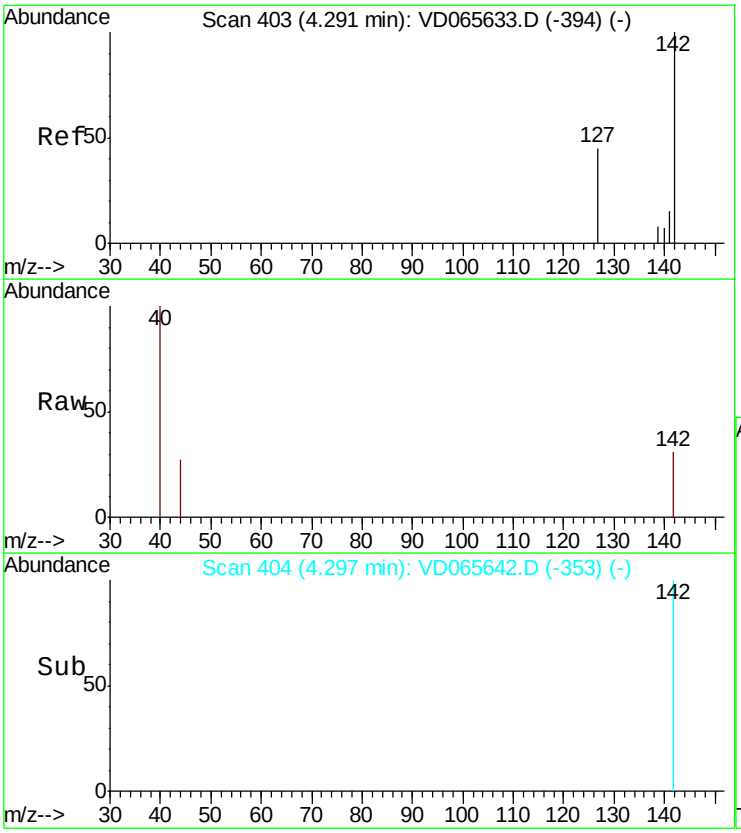
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 229851

Ion	Ratio	Lower	Upper
168	100		
99	49.9	40.3	60.5

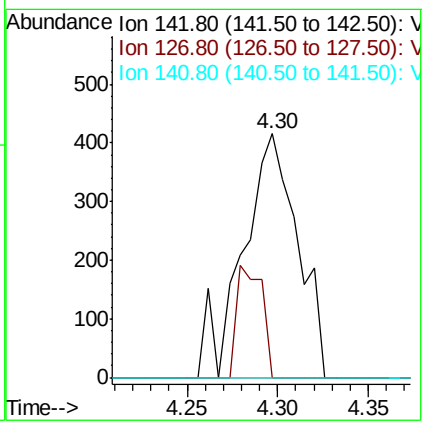


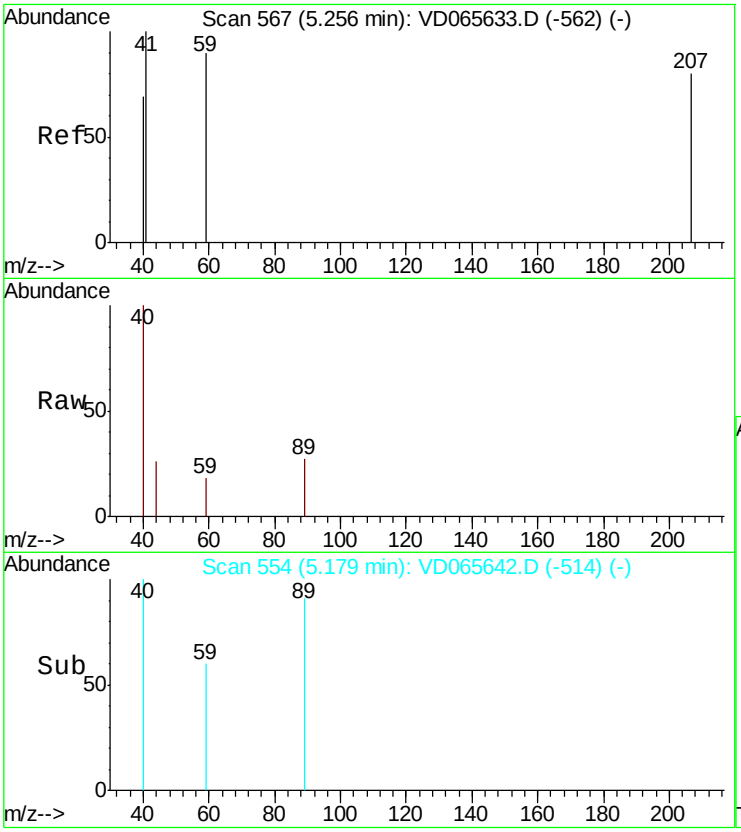


#10
Methyl Iodide
Concen: 7.651 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion:142 Resp: 881

Ion	Ratio	Lower	Upper
142	100		
127	21.1	38.1	57.1#
141	0.0	12.1	18.1#



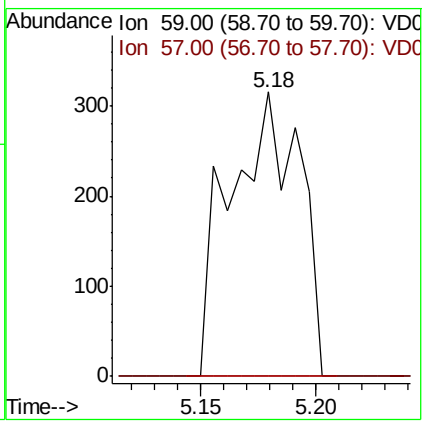


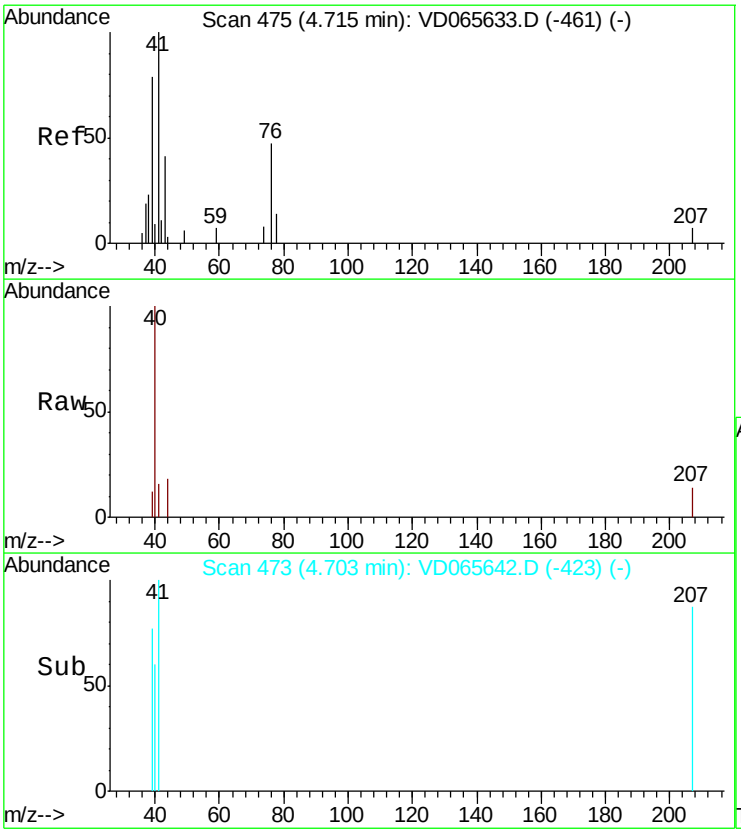
#11
Tert butyl alcohol
Concen: 15.730 ug/l
RT: 5.18 min Scan# 554
Delta R.T. -0.06 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 659

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

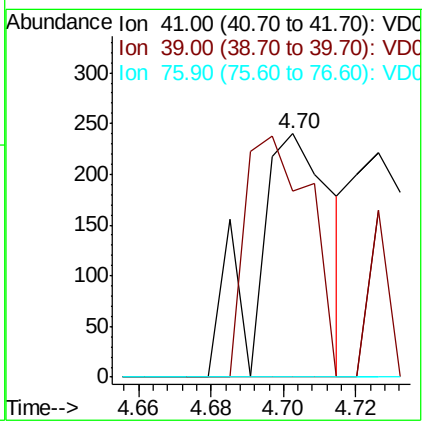


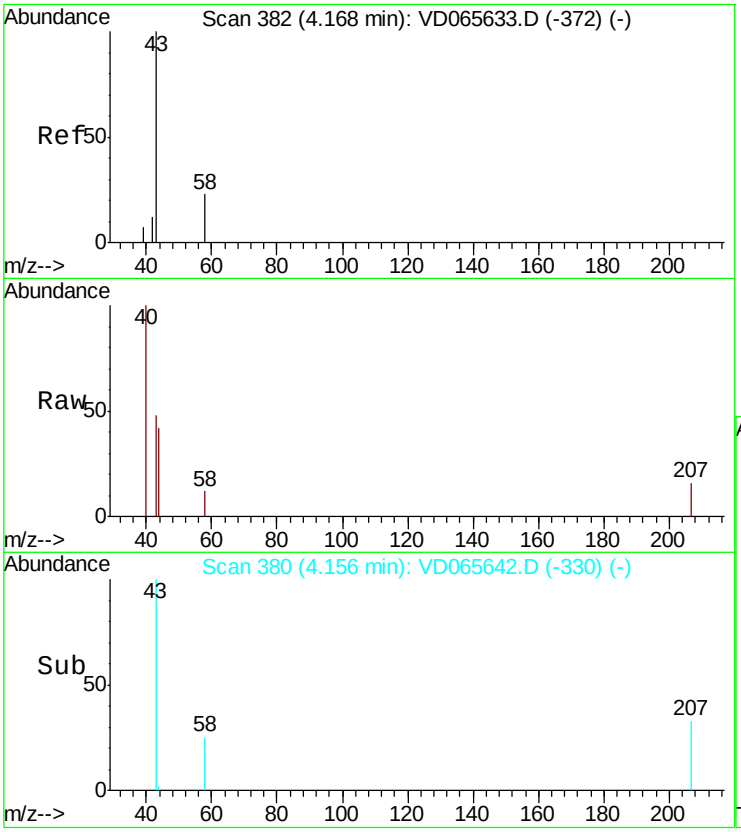


#14
Allyl chloride
Concen: 4.095 ug/l
RT: 4.70 min Scan# 473
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 41 Resp: 350

Ion	Ratio	Lower	Upper
41	100		
39	84.3	62.5	93.7
76	0.0	29.1	43.7#



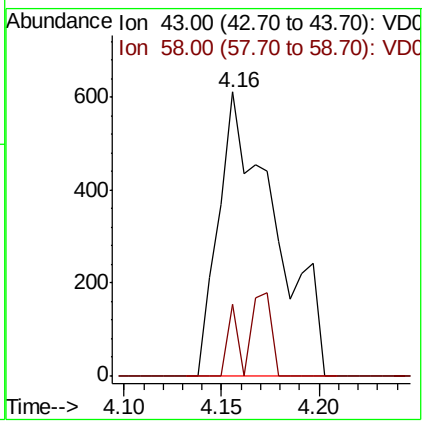


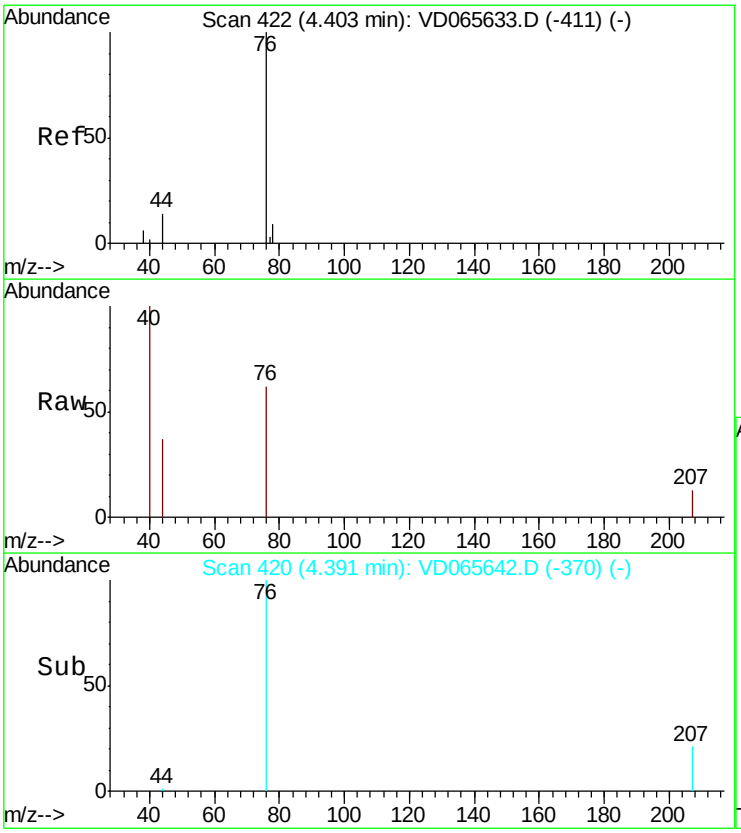
#16
Acetone
Concen: 4.334 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1212

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.9	34.3

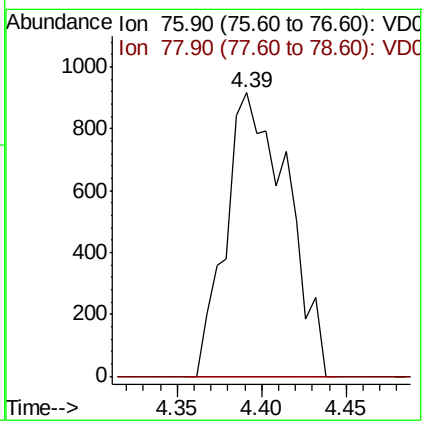


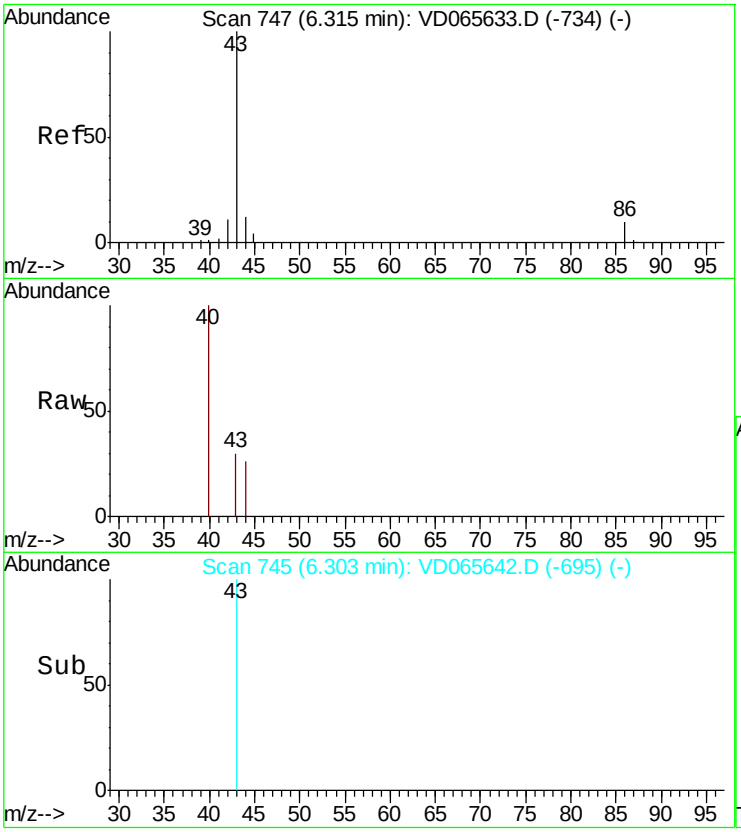


#17
Carbon Disulfide
Concen: 6.362 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 76 Resp: 2313

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



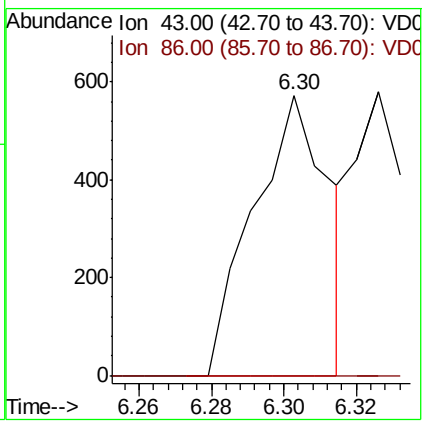


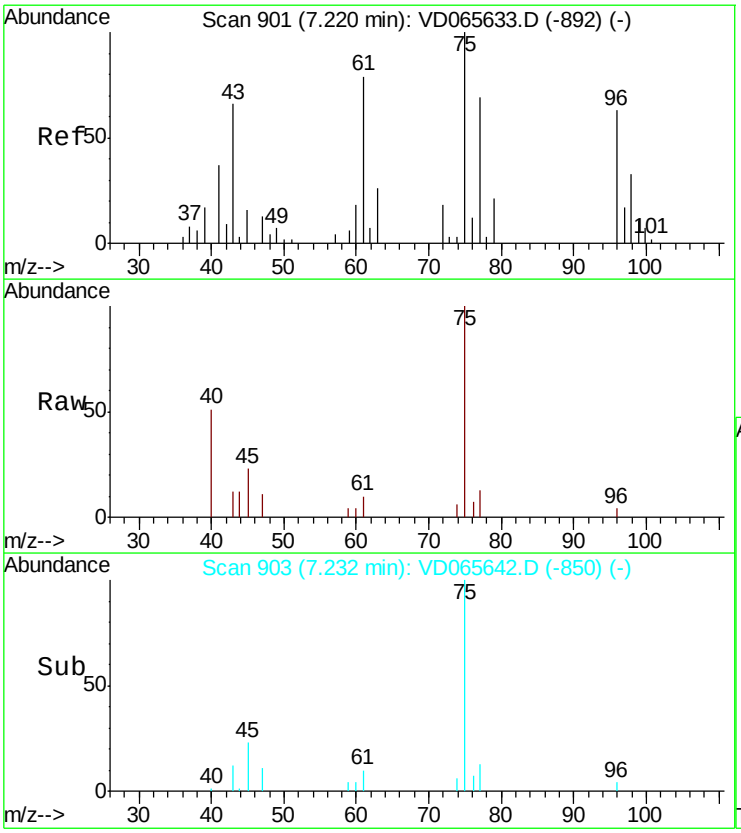
#23
Vinyl Acetate
Concen: 11.808 ug/l
RT: 6.30 min Scan# 745
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 826

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#

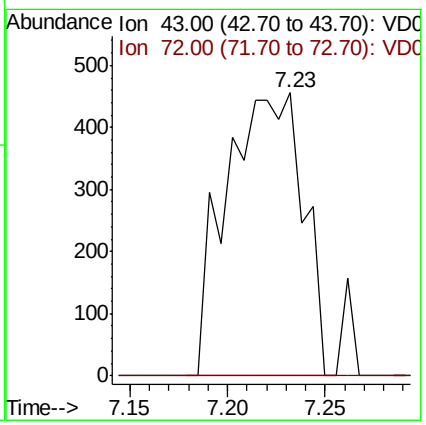


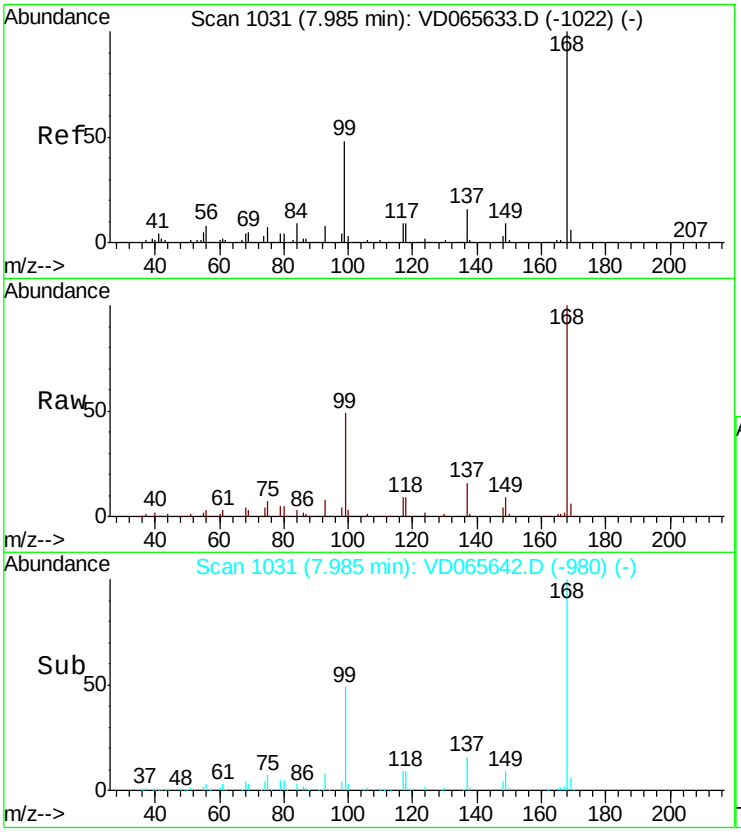


#25
2-Butanone
Concen: 2.378 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 43 Resp: 1241

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



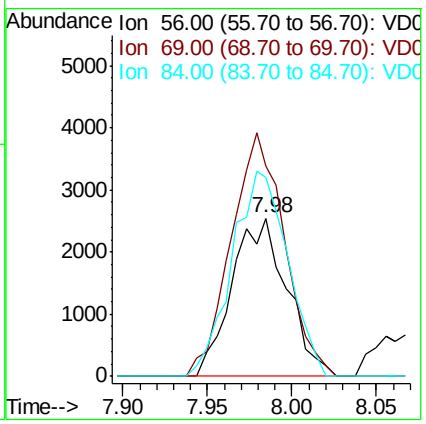


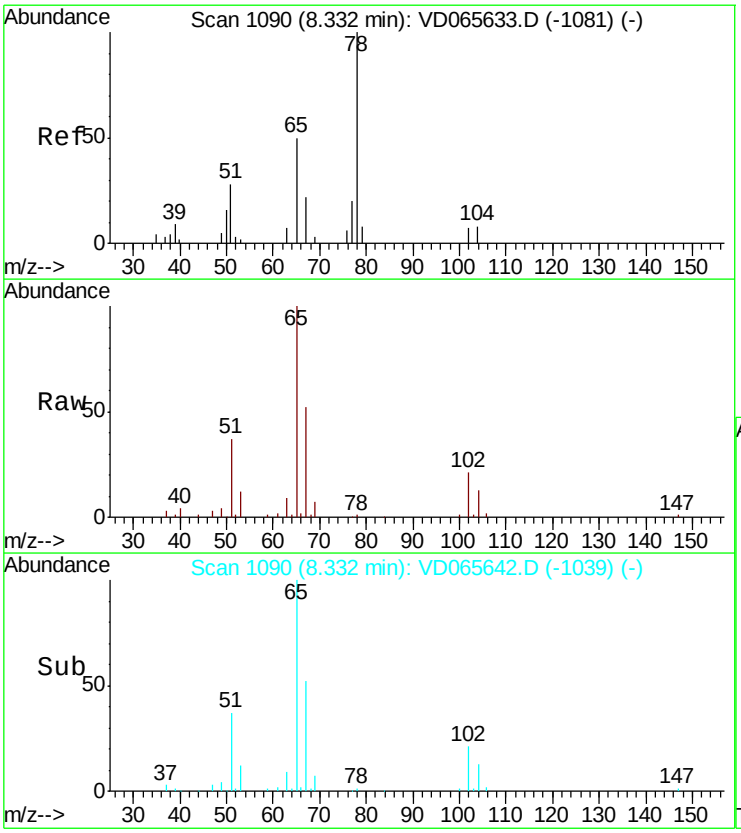
#31
Cyclohexane
Concen: 1.561 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 5750

Ion	Ratio	Lower	Upper
56	100		
69	133.1	26.6	40.0#
84	125.5	75.3	112.9#

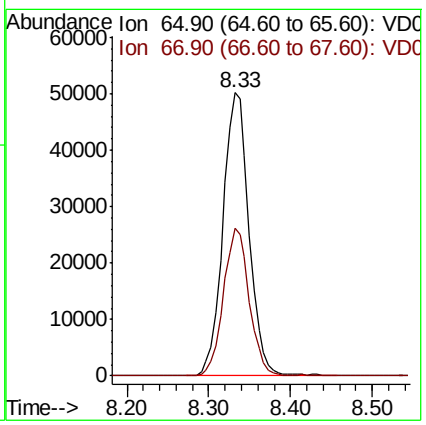


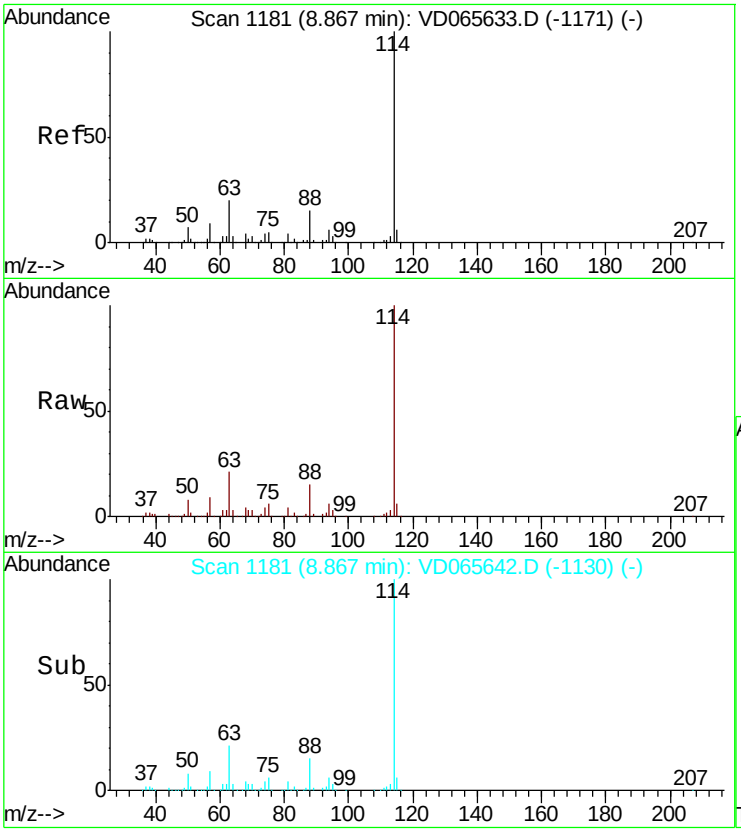


#33
1,2-Dichloroethane-d4
Concen: 56.848 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 65 Resp: 111155

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.8



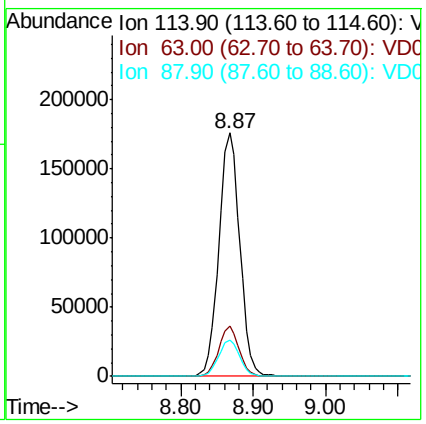


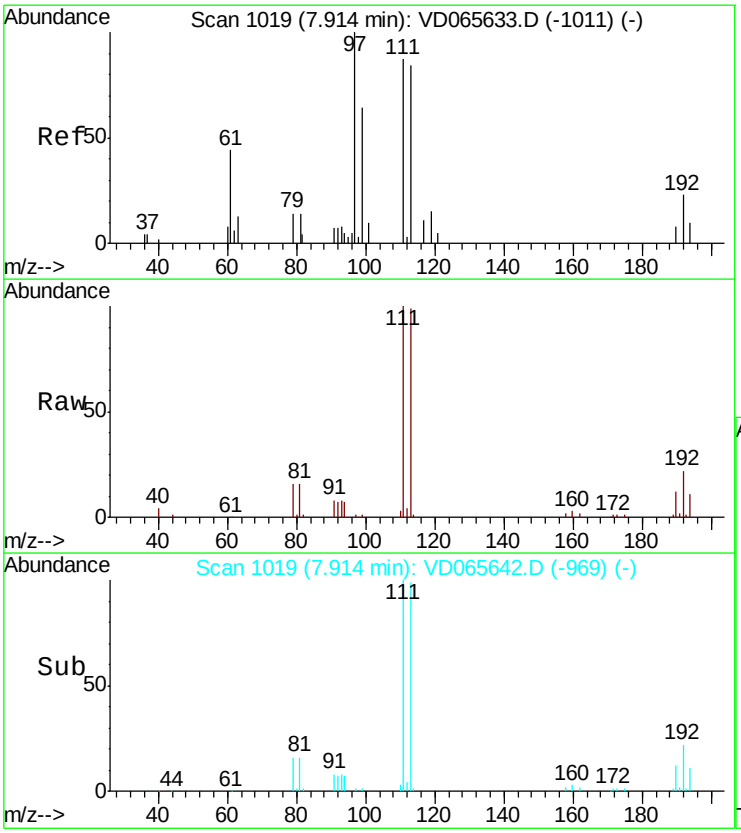
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 353368

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.0	0.0	31.6

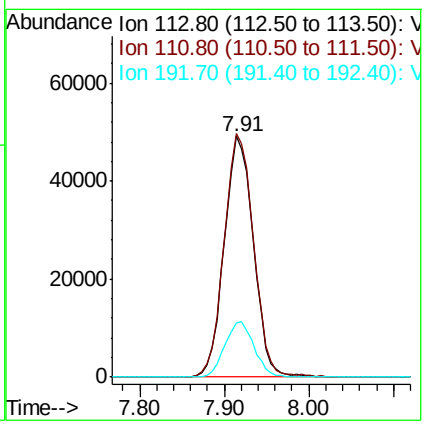


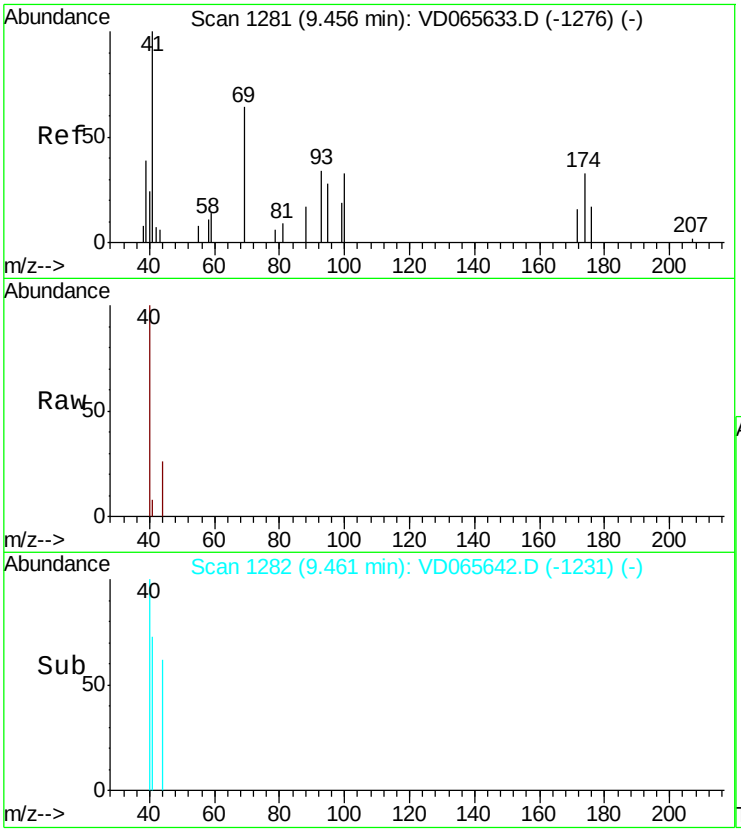


#35
Dibromofluoromethane
Concen: 53.061 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion:113 Resp: 116696

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	22.9	18.9	28.3



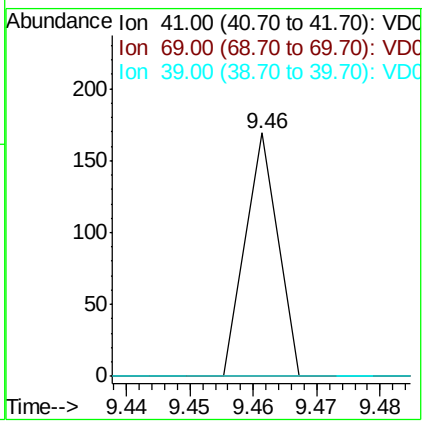


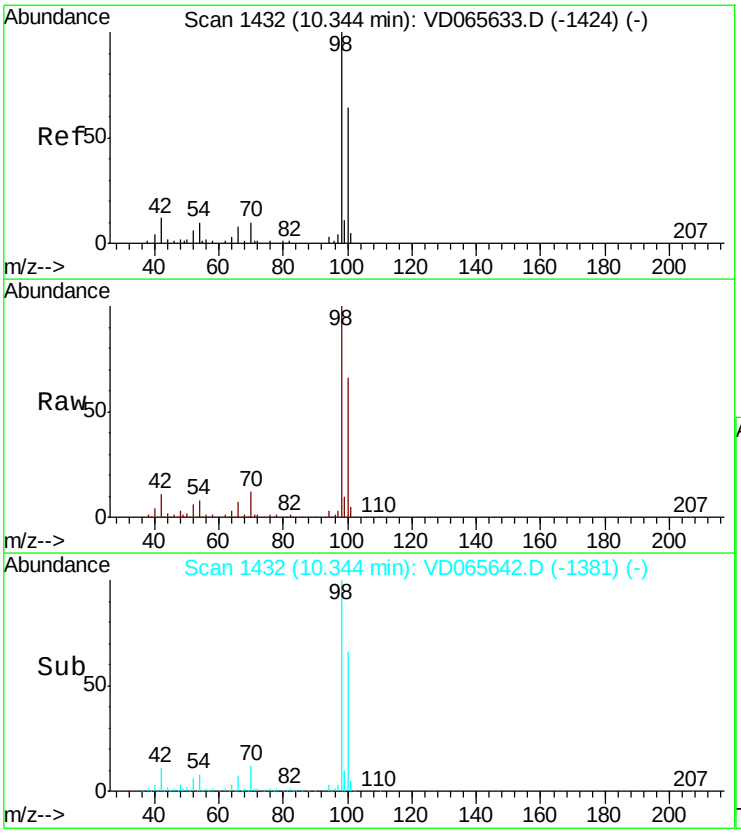
#48
Methyl methacrylate
Concen: 1.762 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 60

Ion	Ratio	Lower	Upper
41	100		
69	0.0	66.8	100.2#
39	0.0	39.6	59.4#

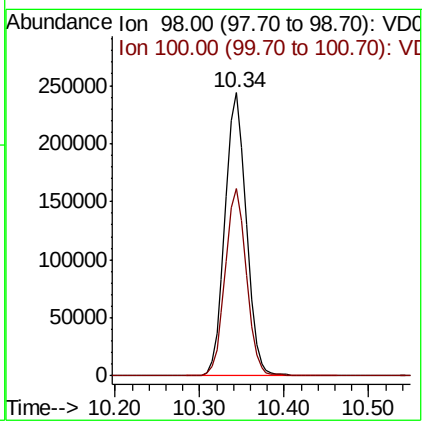


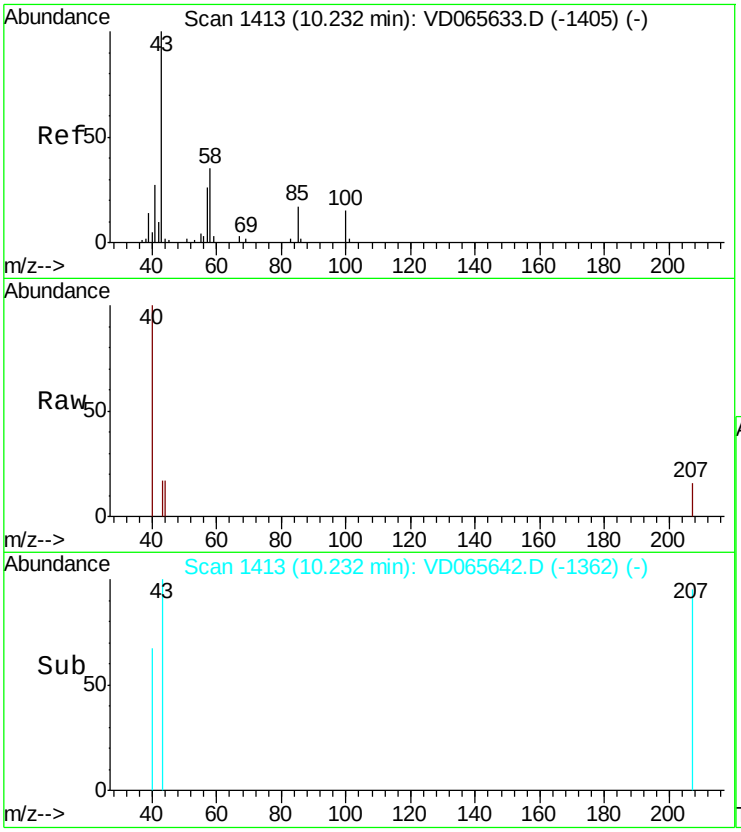


#50
Toluene-d8
Concen: 52.286 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 98 Resp: 423901

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6



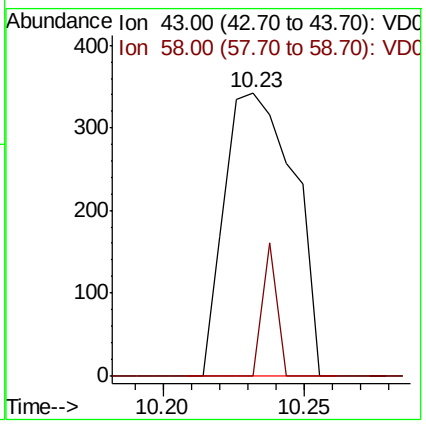


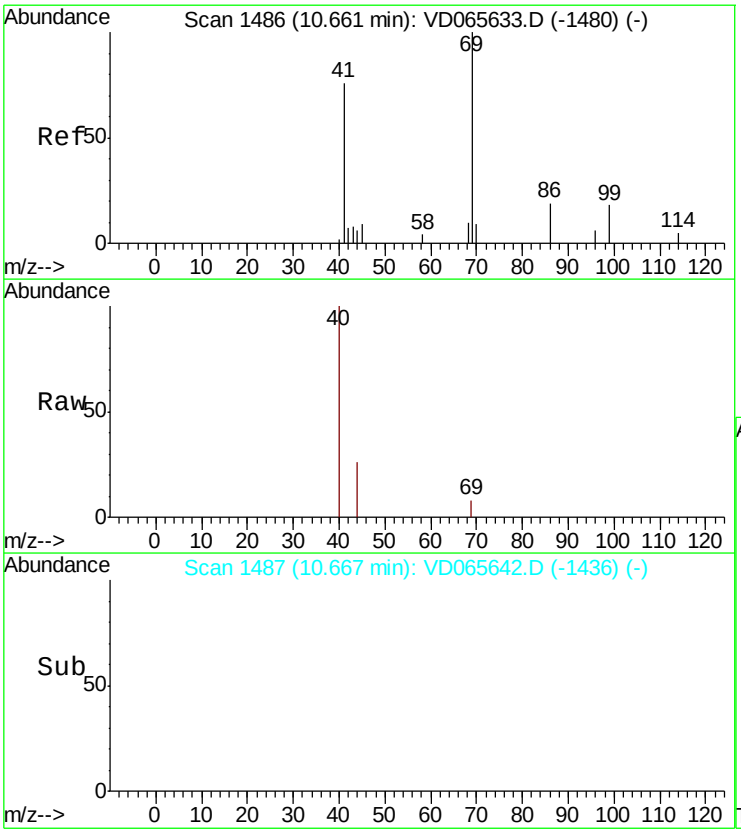
#51
4-Methyl-2-Pentanone
Concen: 10.087 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 583

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.1	46.7#

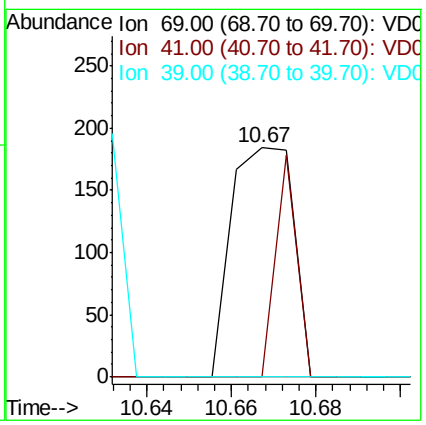


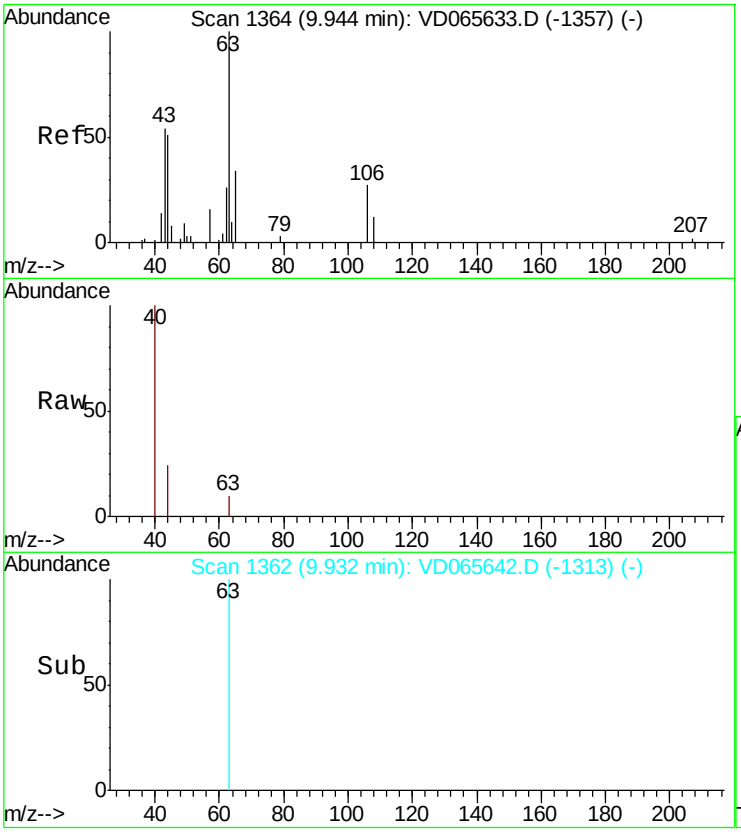


#56
Ethyl methacrylate
Concen: 3.560 ug/l
RT: 10.67 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 69 Resp: 188

Ion	Ratio	Lower	Upper
69	100		
41	33.5	56.2	84.4#
39	0.0	26.6	39.8#



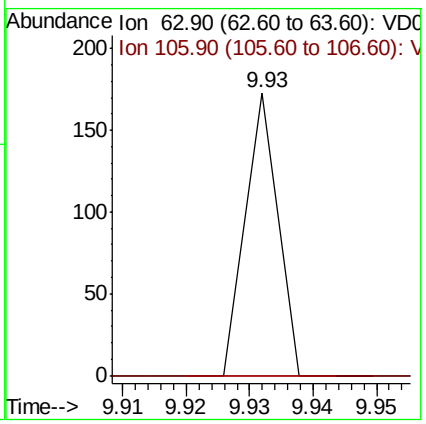


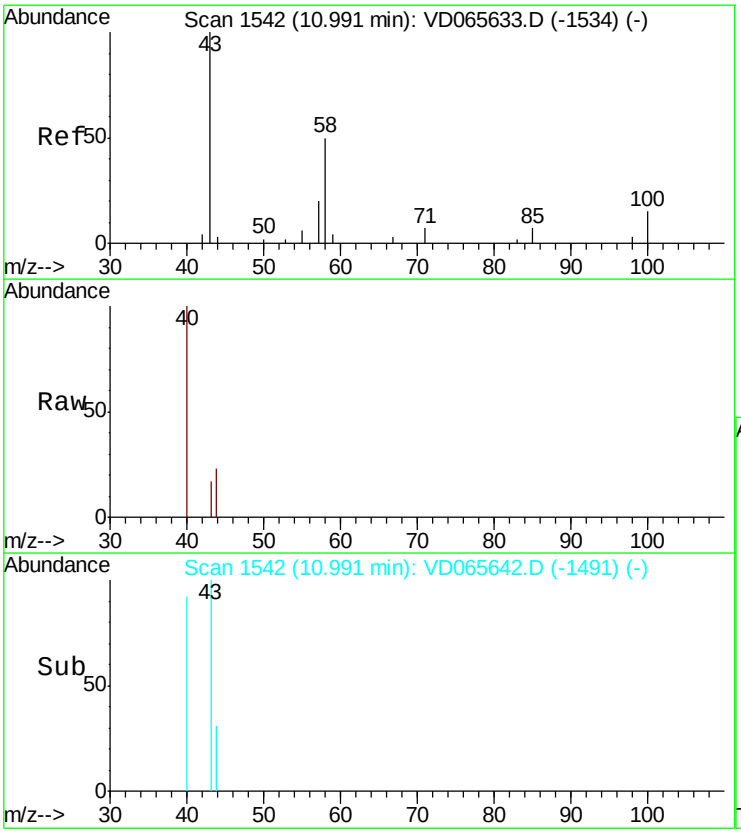
#58
2-Chloroethyl Vinyl ether
Concen: 12.304 ug/l
RT: 9.93 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 61

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.8	35.6#

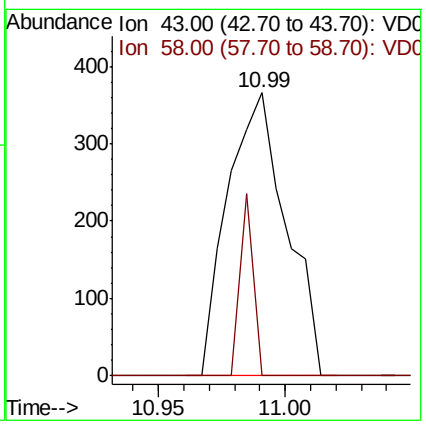


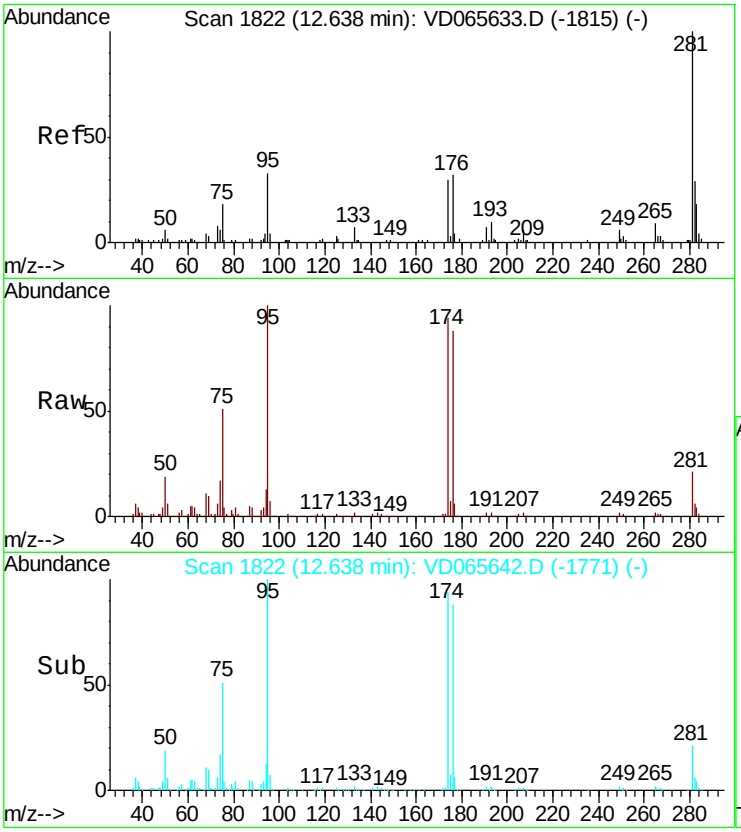


#59
2-Hexanone
Concen: 10.553 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 43 Resp: 591

Ion	Ratio	Lower	Upper
43	100		
58	14.0	26.5	79.4#



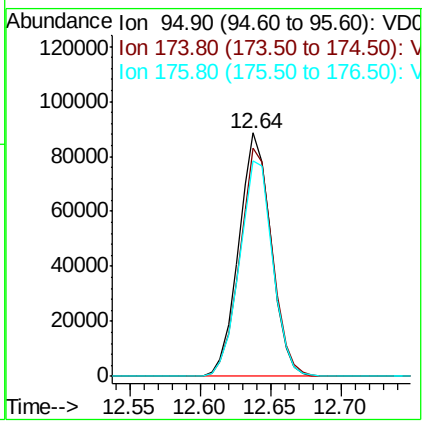


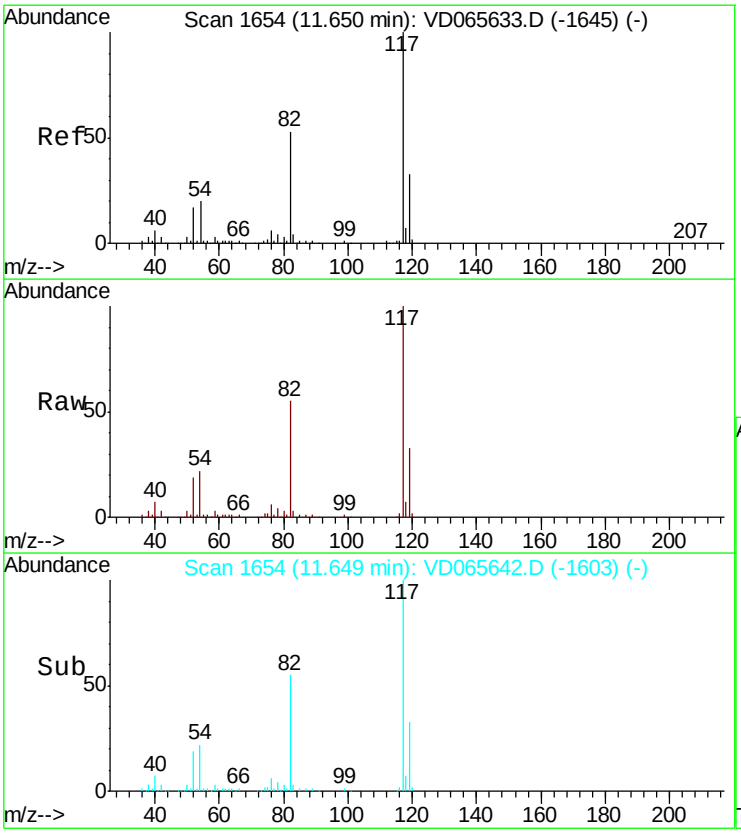
#62
4-Bromofluorobenzene
Concen: 52.436 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 141454

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	183.8
176	90.9	0.0	181.4

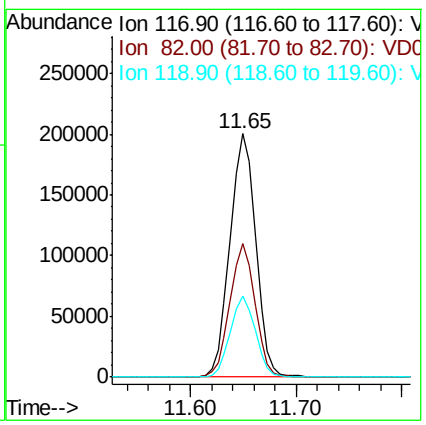


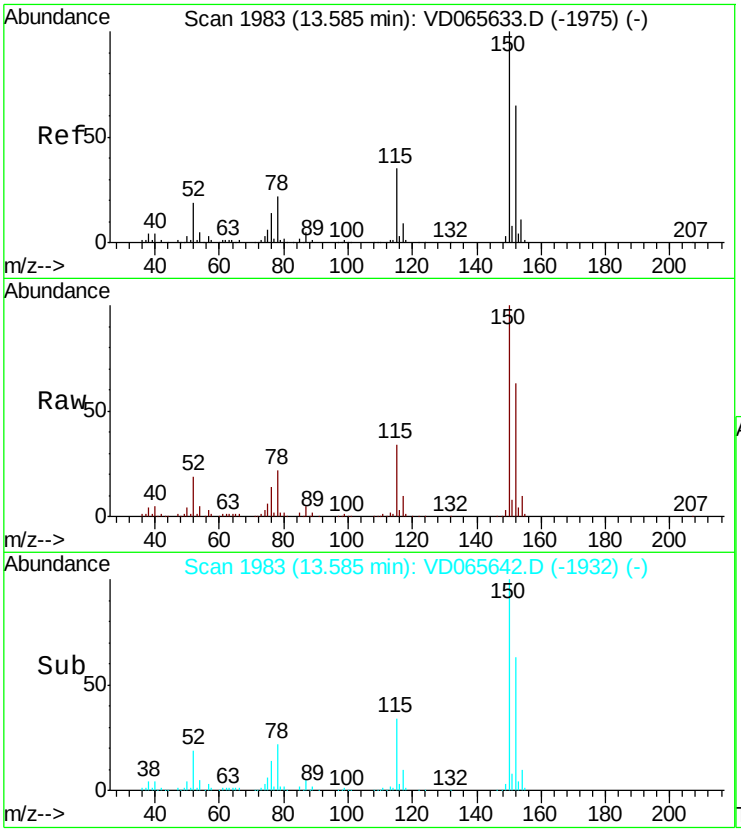


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion:117 Resp: 338011

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.2	64.8
119	33.1	26.2	39.4



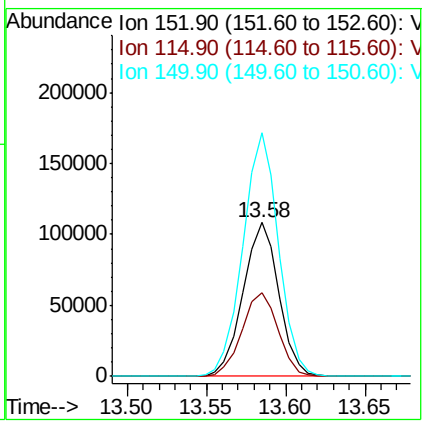


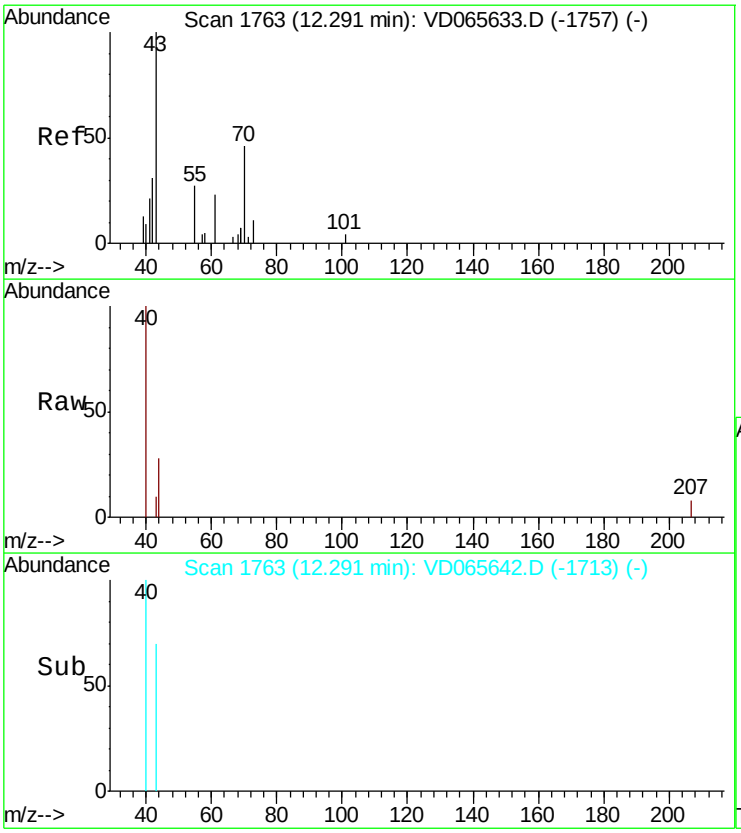
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 169680

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.6	82.7
150	157.0	0.0	346.0

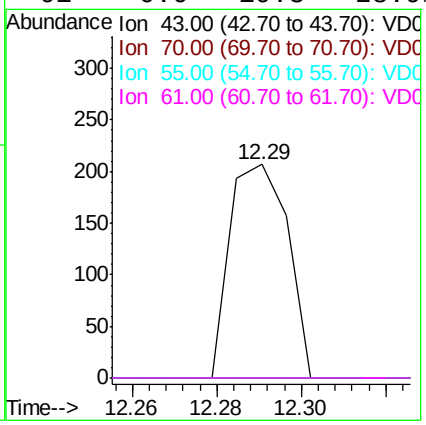


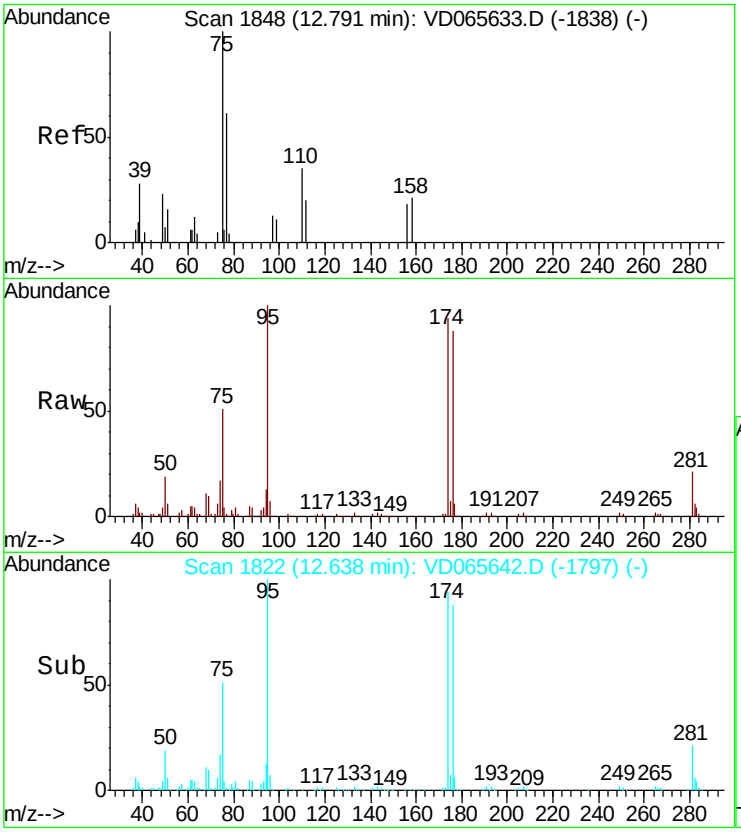


#74
N-amyl acetate
Concen: 2.887 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.4	53.0#
55	0.0	22.2	33.2#
61	0.0	19.3	28.9#



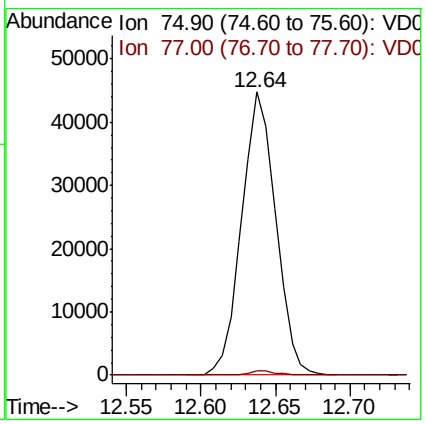


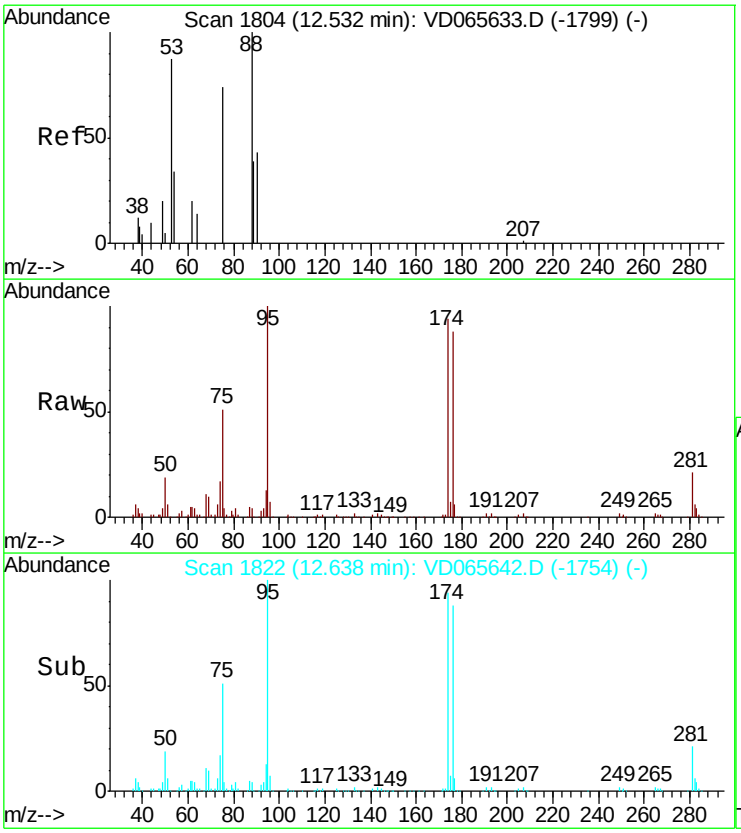
#76
1,2,3-Trichloropropane
Concen: 51.997 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 70939

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

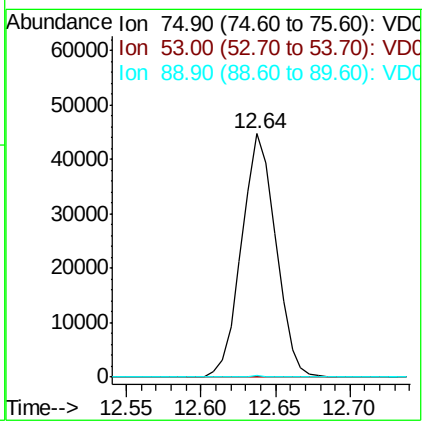


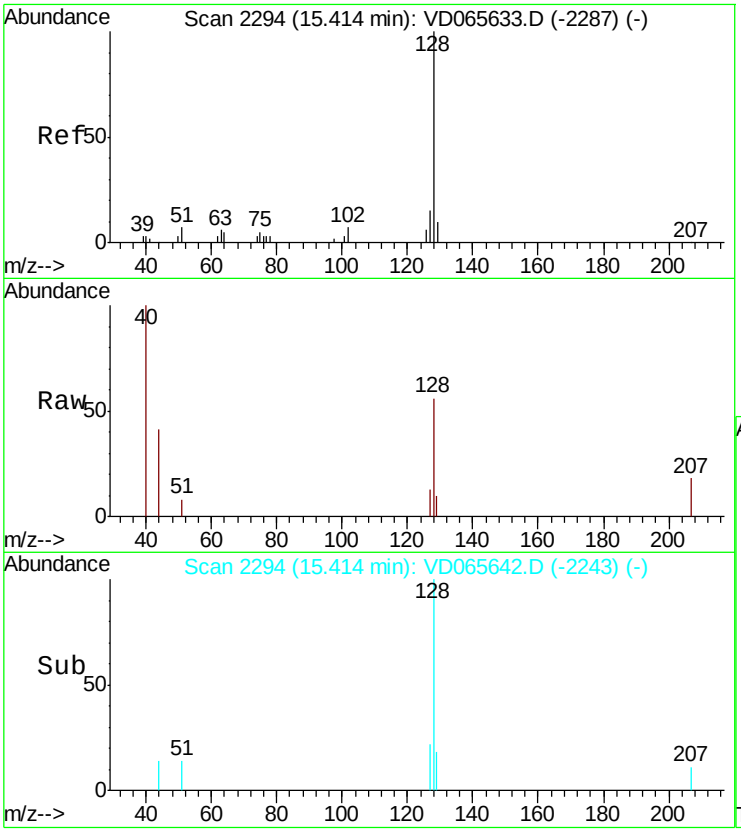


#81
trans-1,4-Dichloro-2-butene
Concen: 113.959 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Tgt Ion: 75 Resp: 70939

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.8	115.2#
89	0.1	36.1	54.1#





#95
Naphthalene
Concen: 4.430 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065642.D
Acq: 17 Apr 2020 13:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 1906

Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.6	16.0#
129	3.8	8.8	13.2#