Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041720\
Data File : VD065645.D
Acq On : 17 Apr 2020 15:29
Operator : VA/SY
Sample : L2337-13
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BP-VPB180-378-380

Quant Time: Apr 20 07:00:43 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	187376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	287277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	287088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	96381	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.94%			
35) Dibromofluoromethane	7.92	113	98546	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.24%			
50) Toluene-d8	10.34	98	349328	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.00%			
62) 4-Bromofluorobenzene	12.64	95	120940	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.30%			
Target Compounds						Qvalue
10) Methyl Iodide	4.31	142	75	7.376	ug/l #	38
11) Tert butyl alcohol	5.19	59	59	10.200	ug/l #	74
14) Allyl chloride	4.71	41	257	4.081	ug/l #	58
16) Acetone	4.16	43	2262	9.923	ug/l #	87
17) Carbon Disulfide	4.39	76	5272	6.988	ug/l #	85
18) Methyl Acetate	4.46	43	5407	12.016	ug/l #	52
23) Vinyl Acetate	6.31	43	624	11.792	ug/l #	71
25) 2-Butanone	7.21	43	877	2.062	ug/l #	49
31) Cyclohexane	7.98	56	4268	1.422	ug/l #	36
48) Methyl methacrylate	9.39	41	256	1.950	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	508	10.116	ug/l #	36
59) 2-Hexanone	10.99	43	334	10.369	ug/l #	25
74) N-amyl acetate	12.28	43	1599	3.653	ug/l #	69
76) 1,2,3-Trichloropropane	12.64	75	58701	57.612	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	58701	126.264	ug/l #	11
95) Naphthalene	15.41	128	1595	4.469	ug/l #	74

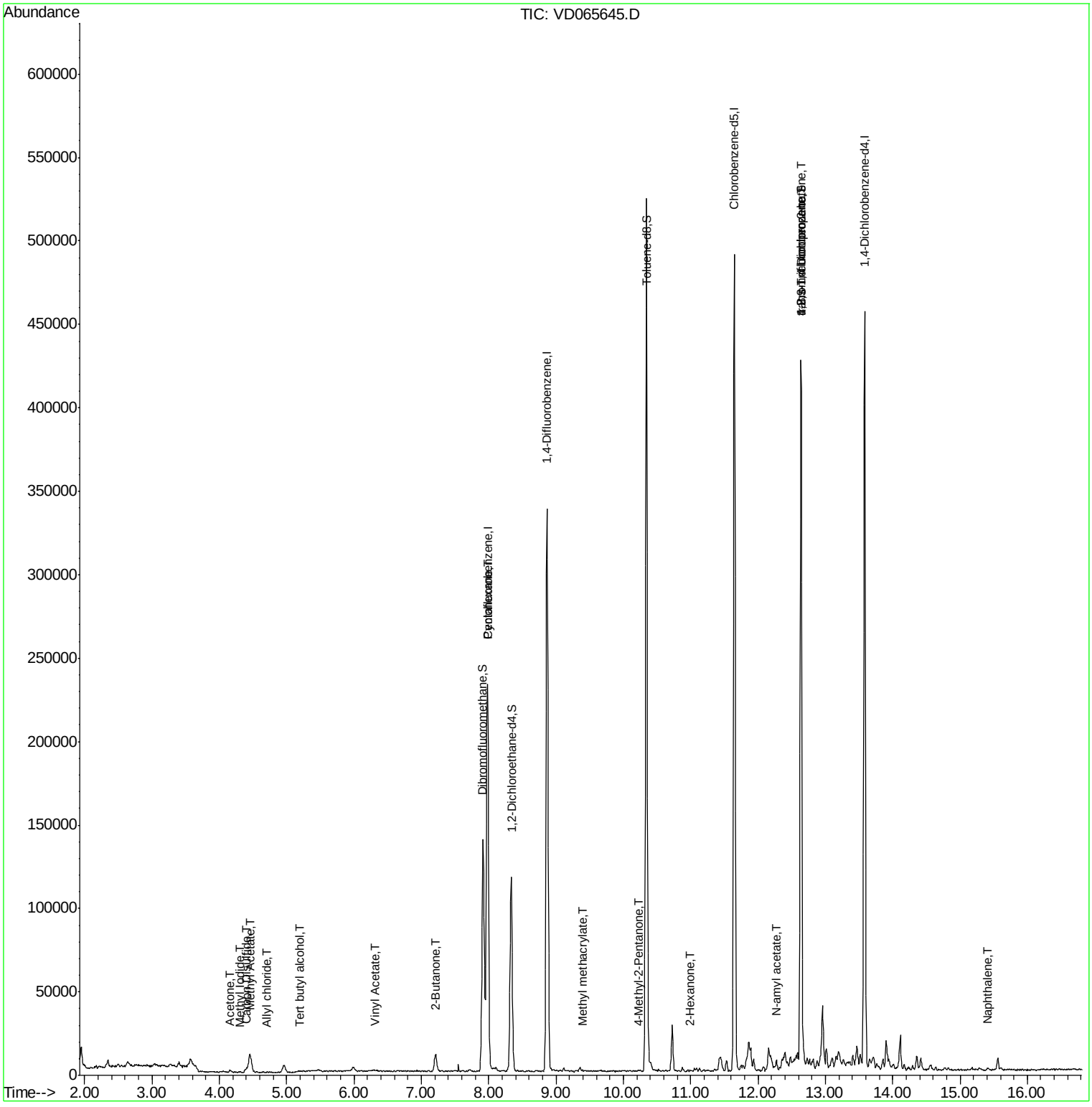
(#) = qualifier out of range (m) = manual integration (+) = signals summed

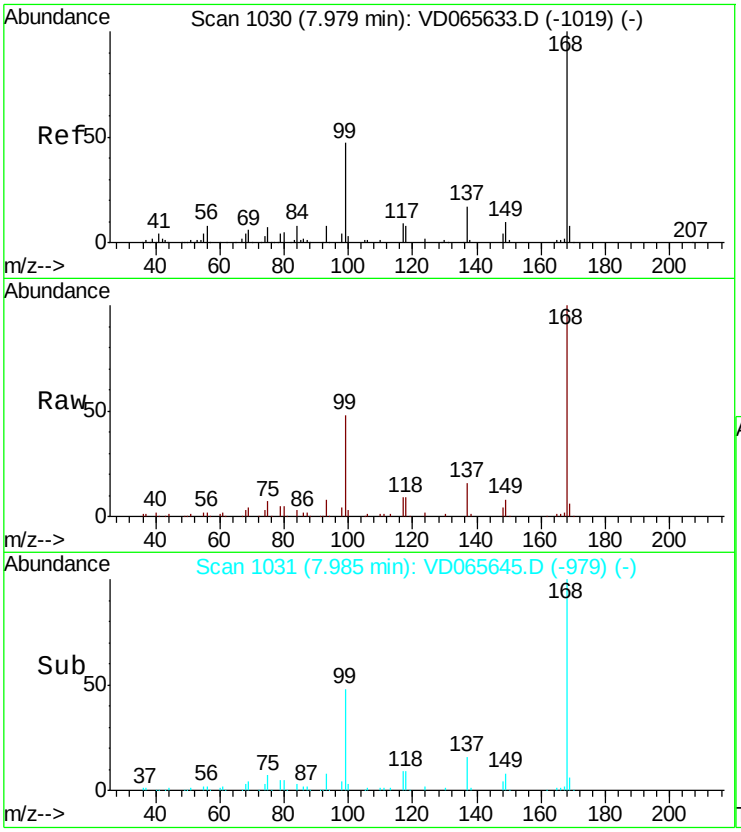
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
Data File : VD065645.D
Acq On : 17 Apr 2020 15:29
Operator : VA/SY
Sample : L2337-13
Misc : 5.04G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Quant Time: Apr 20 07:00:43 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



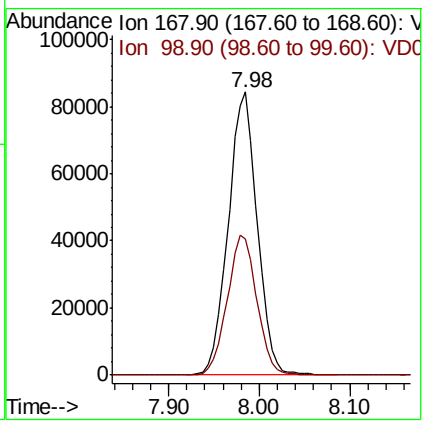


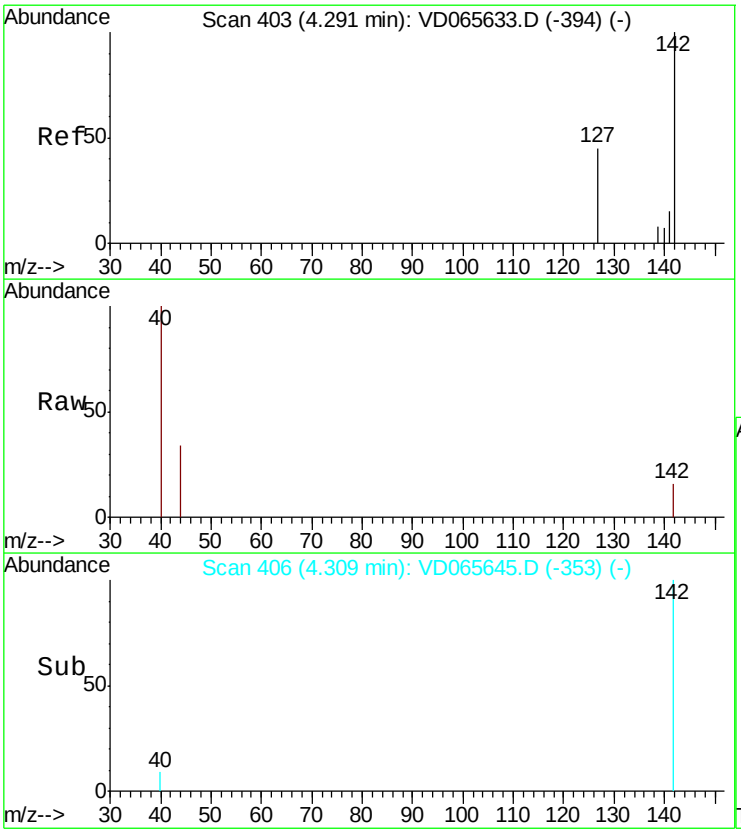
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion:168 Resp: 187376

Ion	Ratio	Lower	Upper
168	100		
99	48.3	40.3	60.5

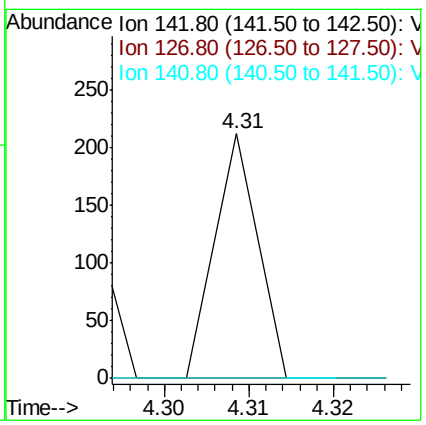


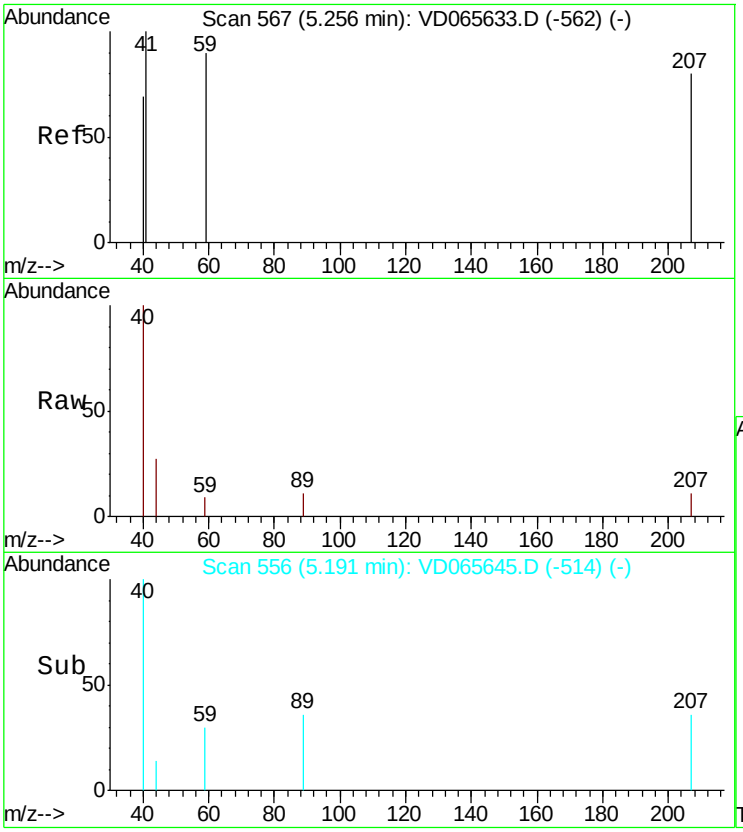


#10
Methyl Iodide
Concen: 7.376 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion:142 Resp: 75

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



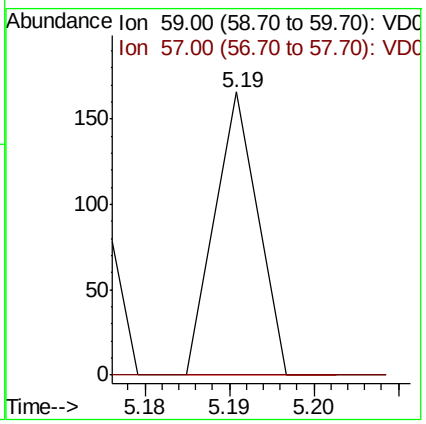


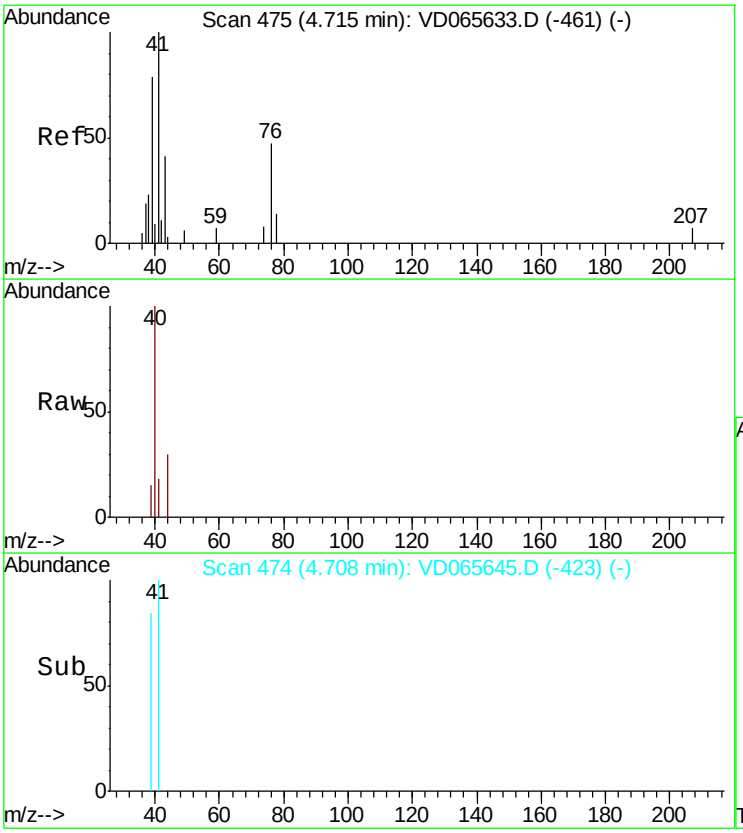
#11
Tert butyl alcohol
Concen: 10.200 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.05 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 59 Resp: 59

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#

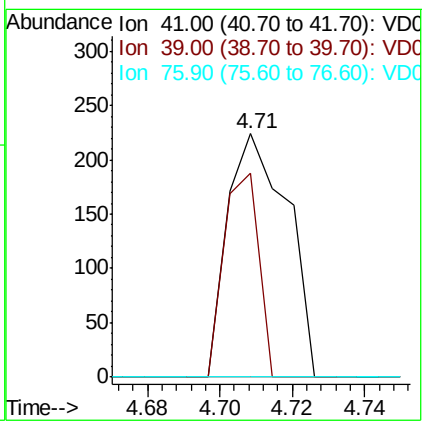


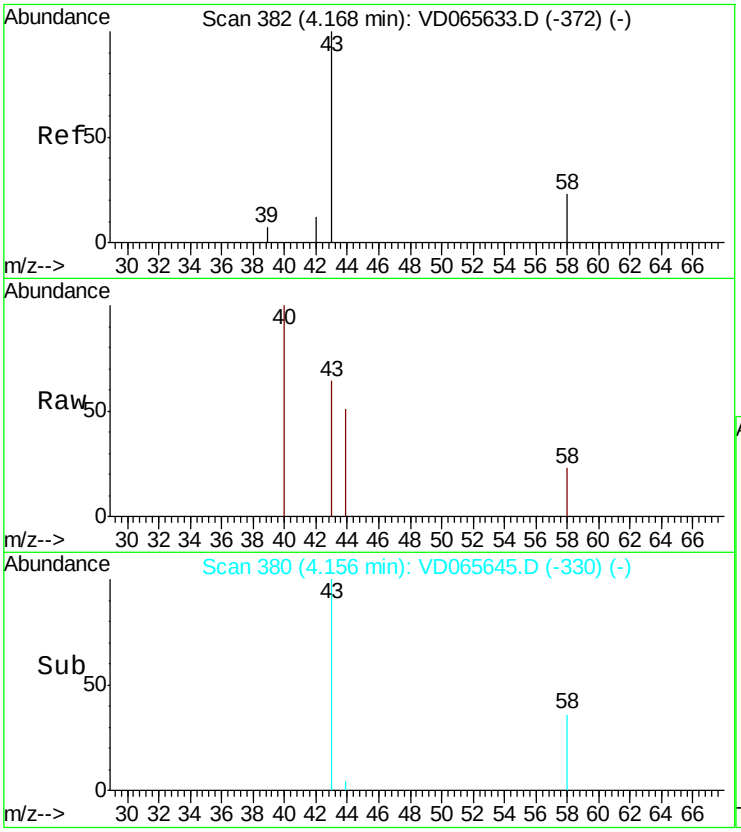


#14
Allyl chloride
Concen: 4.081 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 41 Resp: 257

Ion	Ratio	Lower	Upper
41	100		
39	49.0	62.5	93.7#
76	0.0	29.1	43.7#



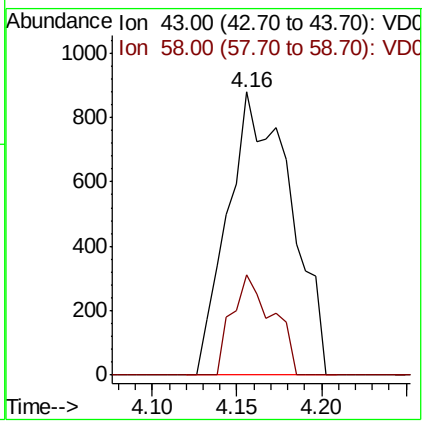


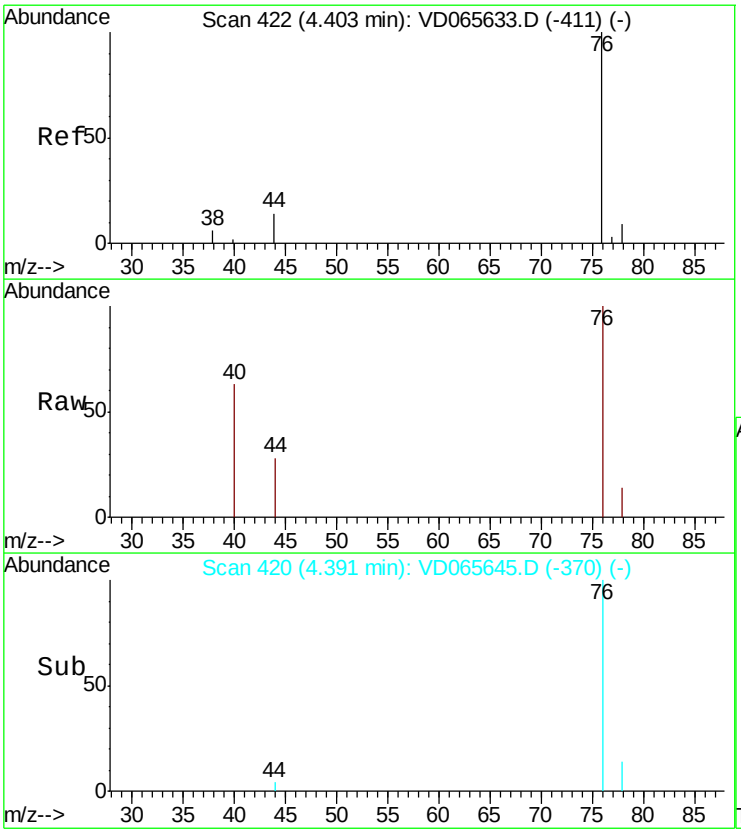
#16
Acetone
Concen: 9.923 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 43 Resp: 2262

Ion	Ratio	Lower	Upper
43	100		
58	35.5	22.9	34.3#

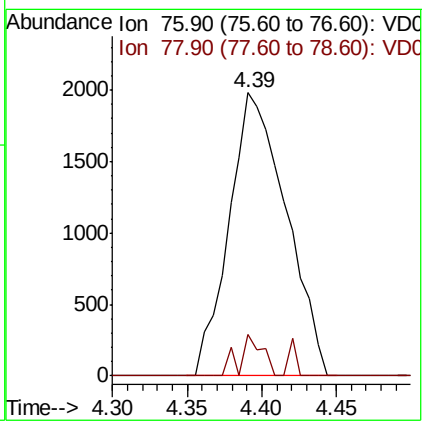


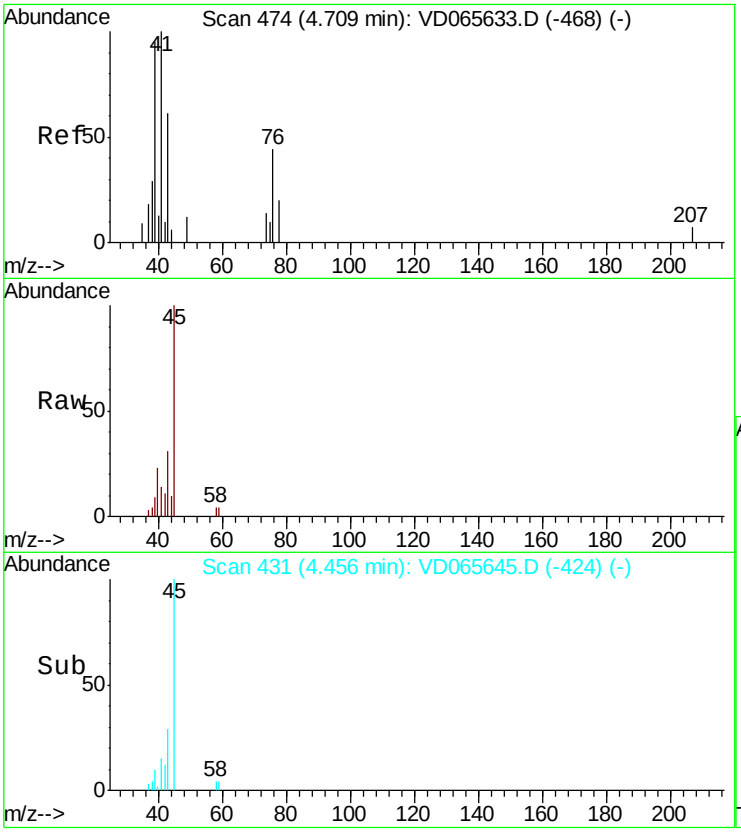


#17
Carbon Disulfide
Concen: 6.988 ug/l
RT: 4.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 76 Resp: 5272

Ion	Ratio	Lower	Upper
76	100		
78	14.5	7.3	10.9#



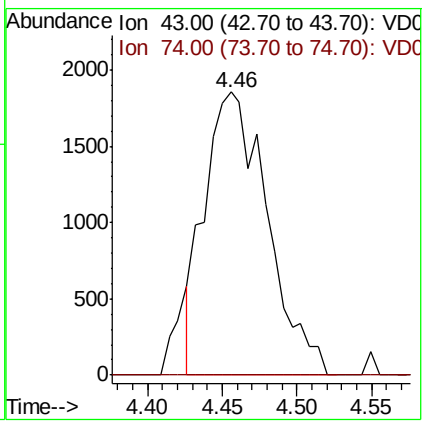


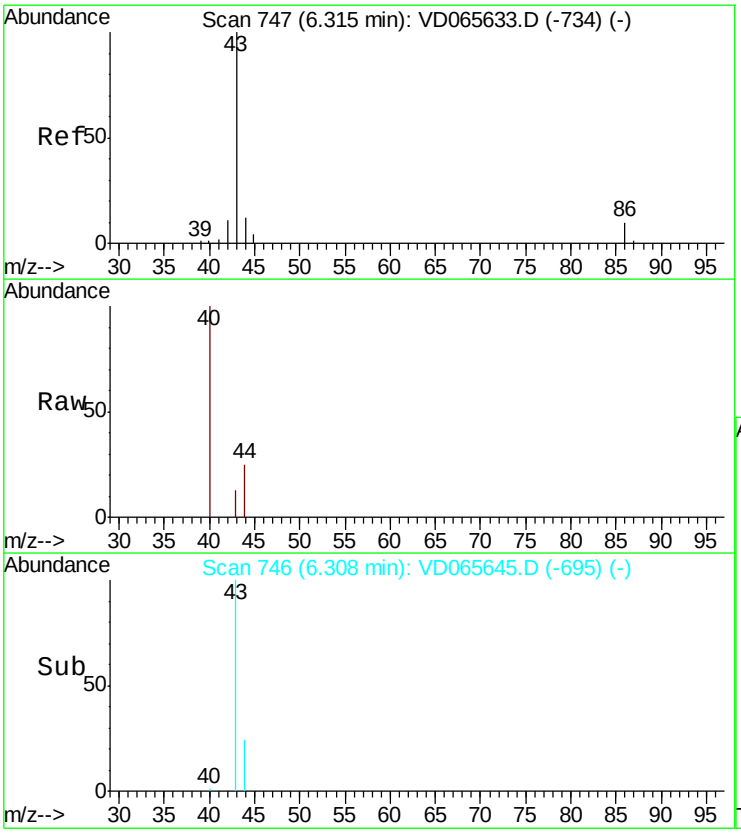
#18
Methyl Acetate
Concen: 12.016 ug/l
RT: 4.46 min Scan# 431
Delta R.T. -0.26 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 43 Resp: 5407

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

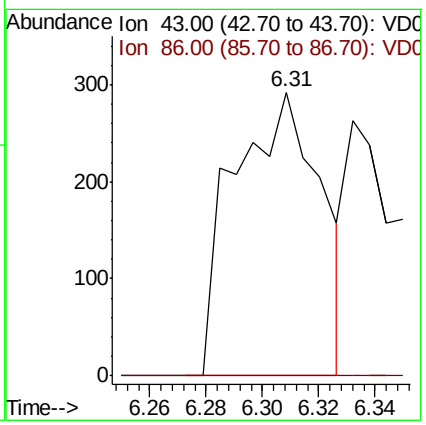


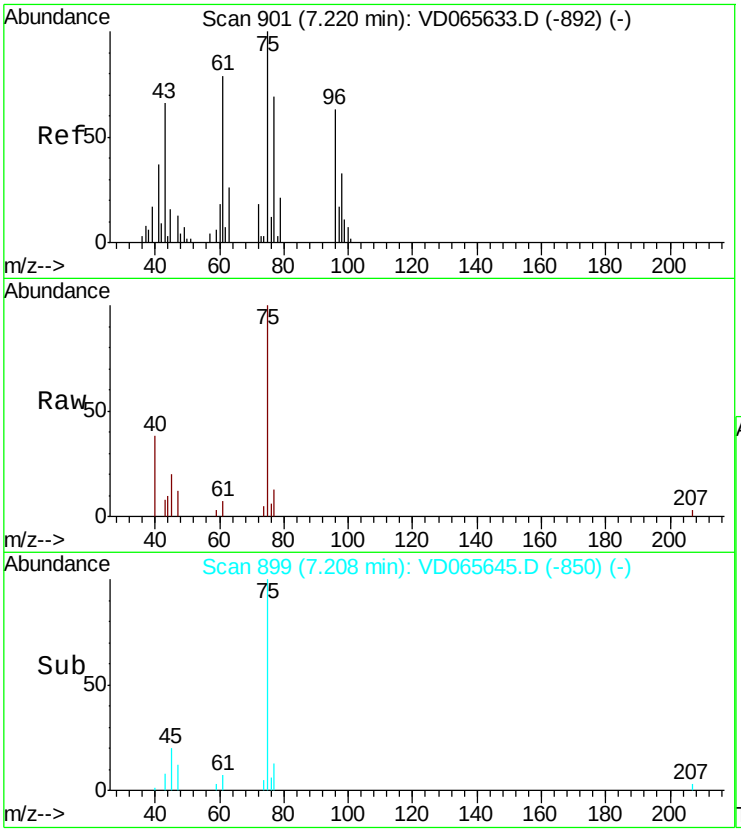


#23
Vinyl Acetate
Concen: 11.792 ug/l
RT: 6.31 min Scan# 746
Delta R.T. 0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 43 Resp: 624

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.7	13.1#



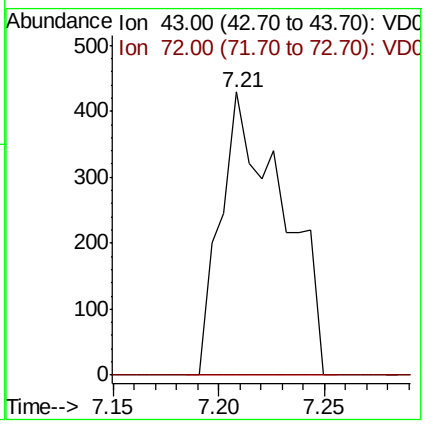


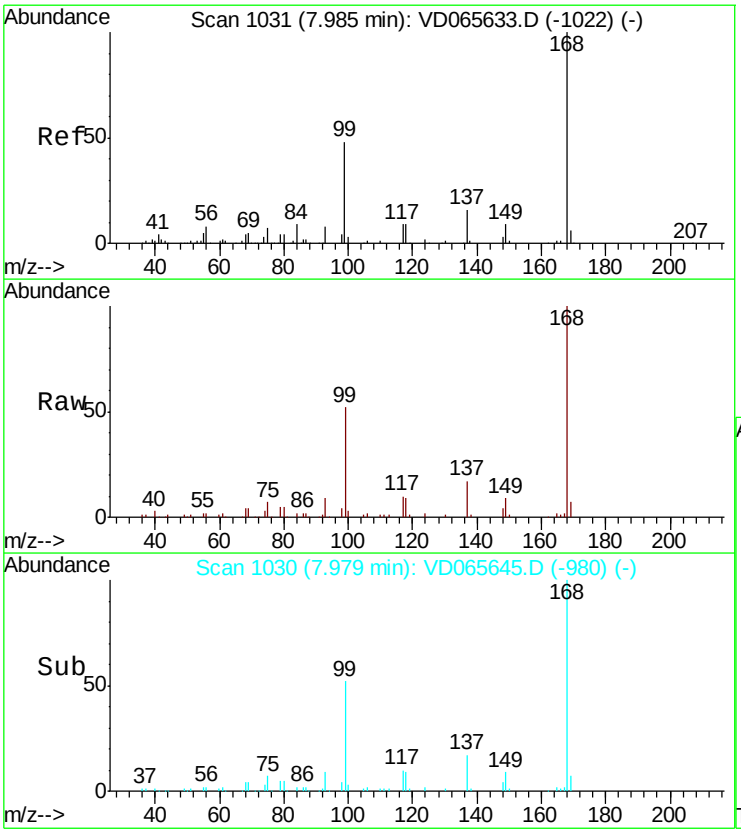
#25
2-Butanone
Concen: 2.062 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 43 Resp: 877

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

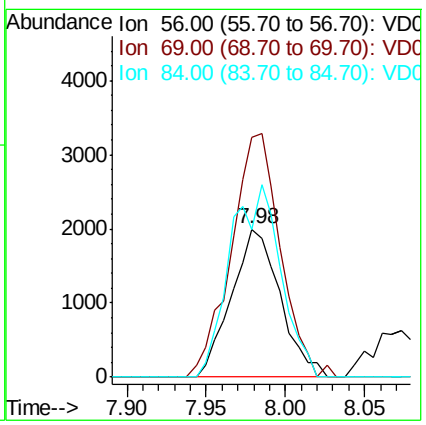


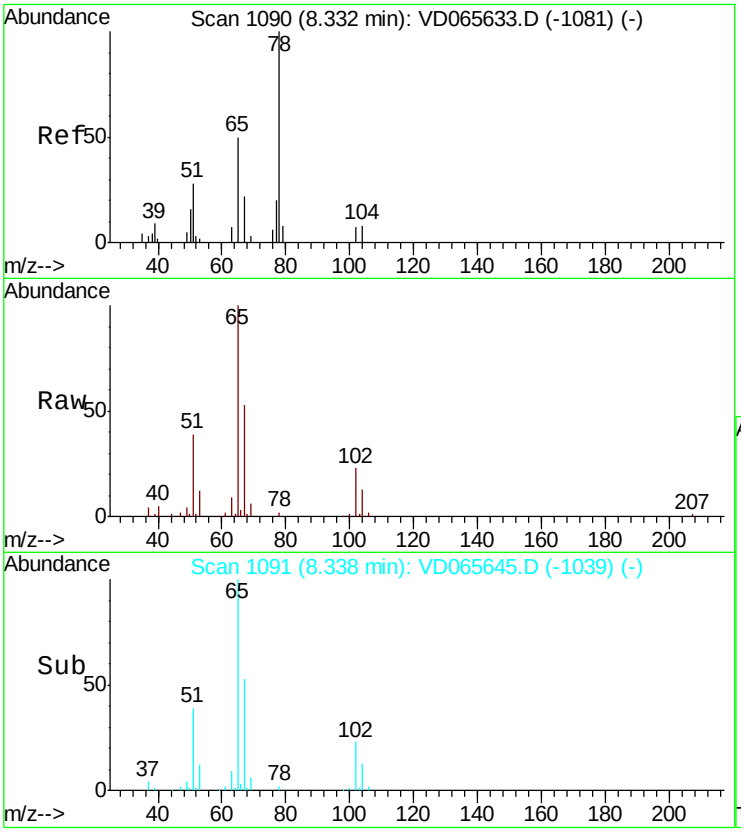


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 56 Resp: 4268

Ion	Ratio	Lower	Upper
56	100		
69	162.0	26.6	40.0#
84	99.7	75.3	112.9



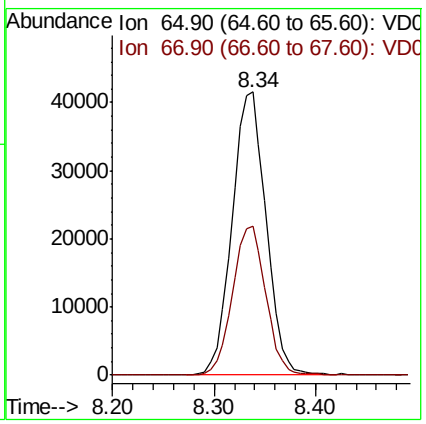


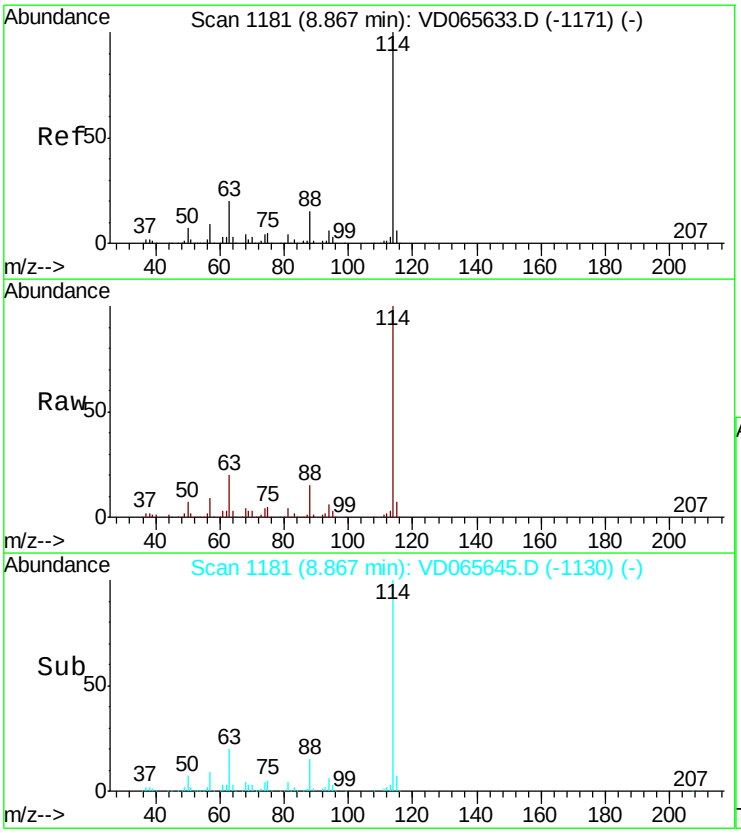
#33
1,2-Dichloroethane-d4
Concen: 60.466 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 65 Resp: 96381

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.8

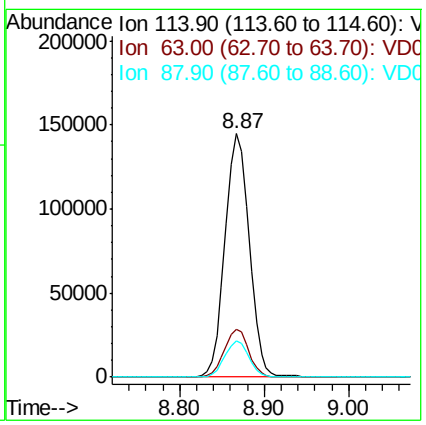


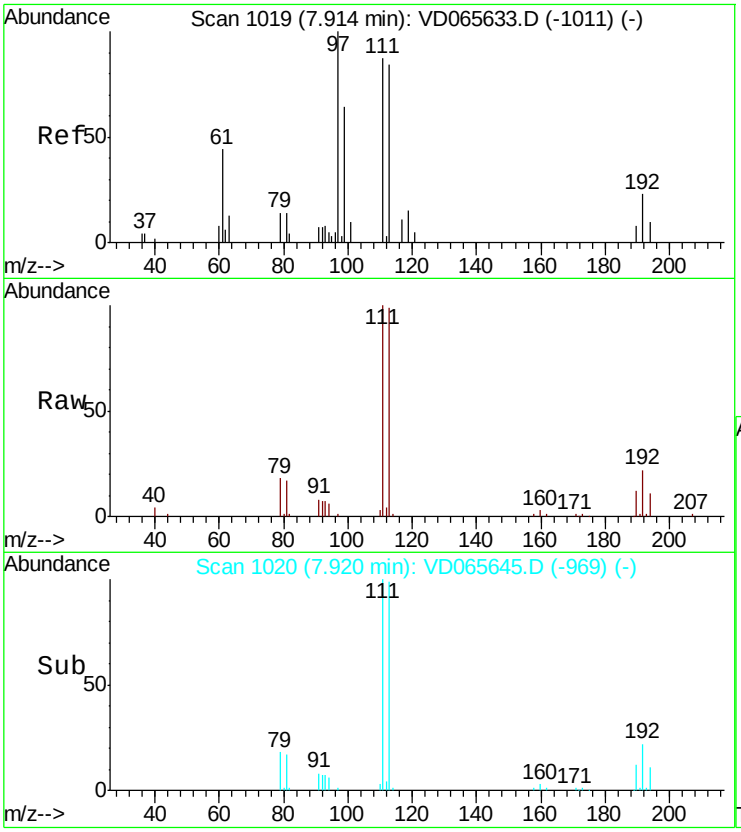


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion:114 Resp: 287277

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.1	0.0	31.6



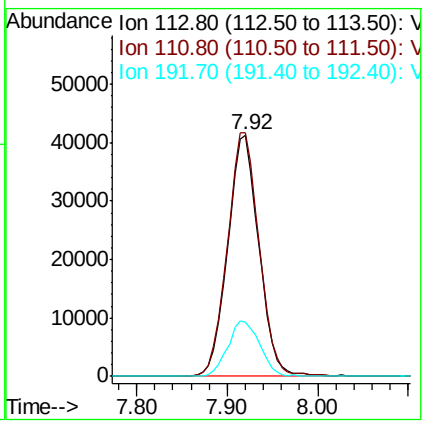


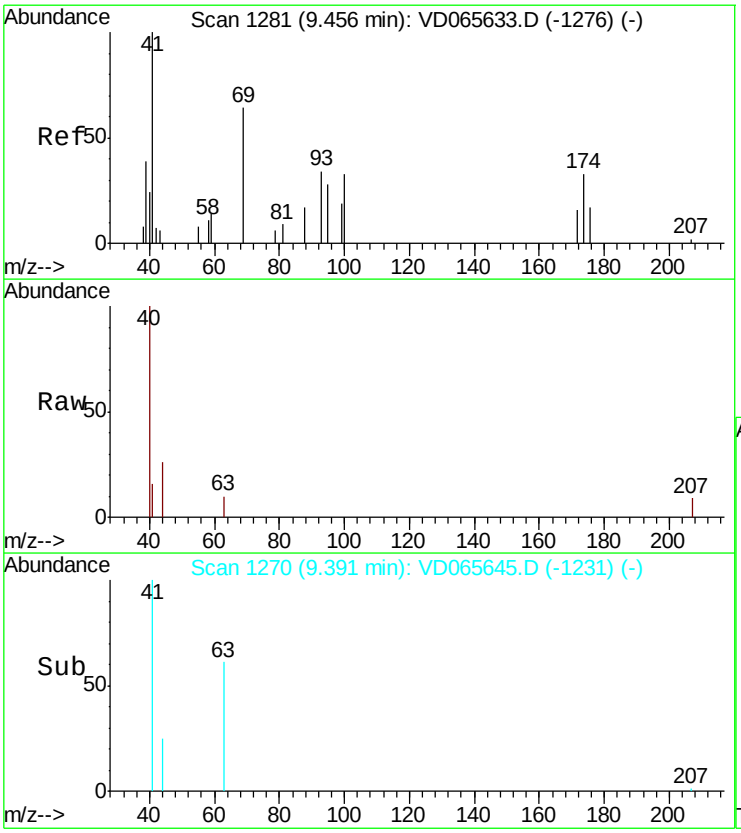
#35
Dibromofluoromethane
Concen: 55.117 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion:113 Resp: 98546

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	23.4	18.9	28.3

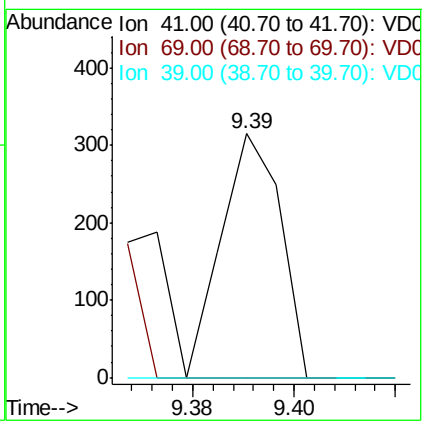


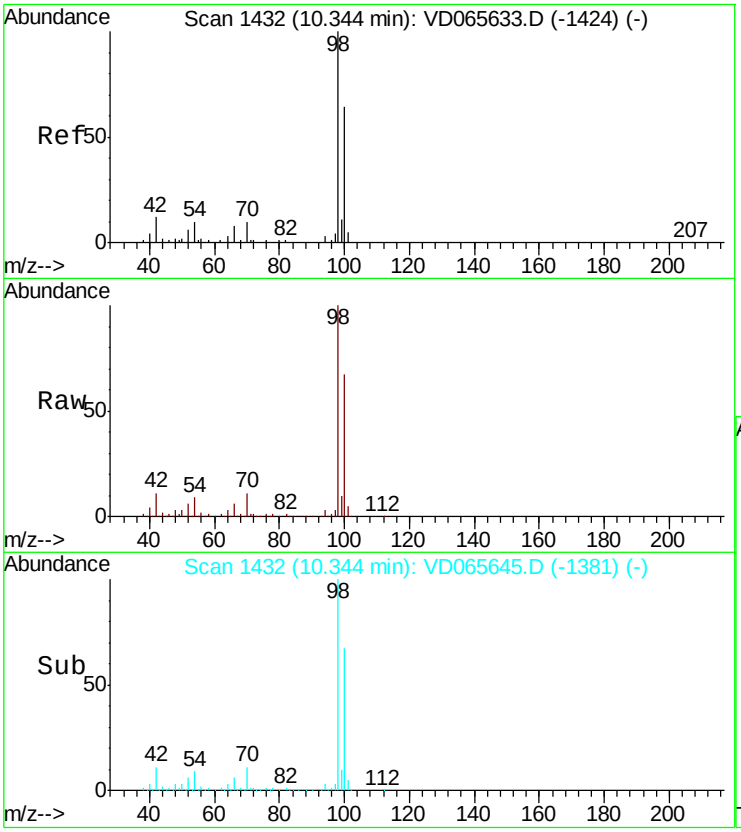


#48
Methyl methacrylate
Concen: 1.950 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.07 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 41 Resp: 256

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



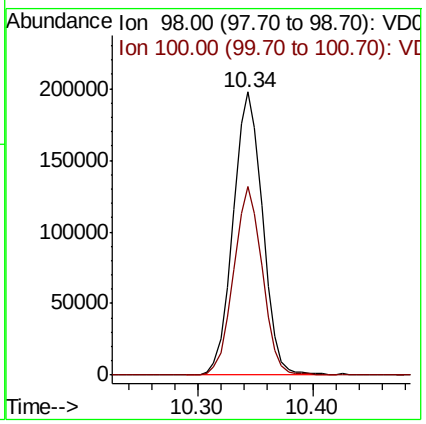


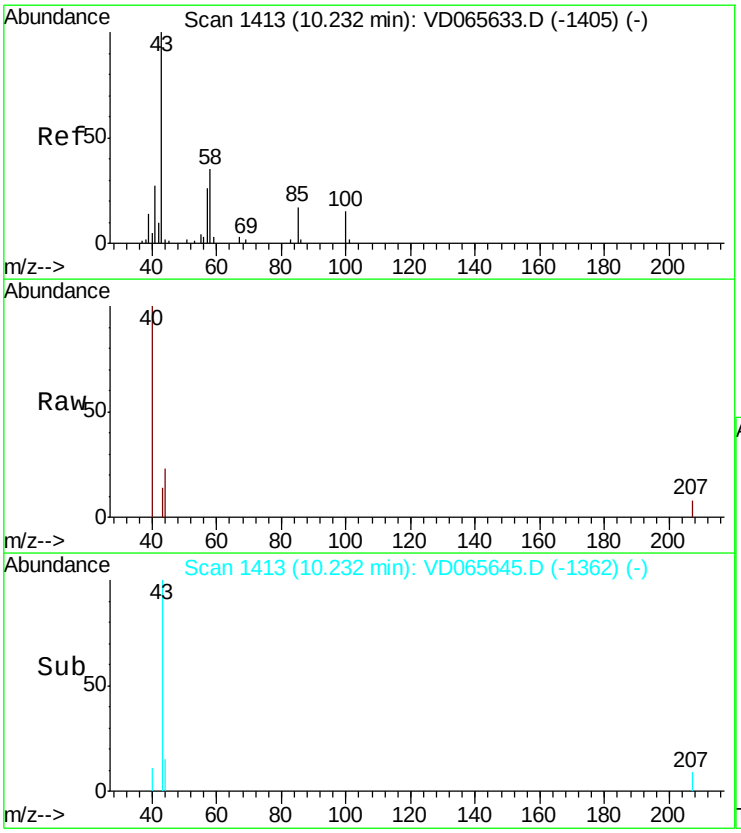
#50
Toluene-d8
Concen: 53.001 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument : MSVOA_D
ClientSampleId : BP-VPB180-378-380

Tgt Ion: 98 Resp: 349328

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

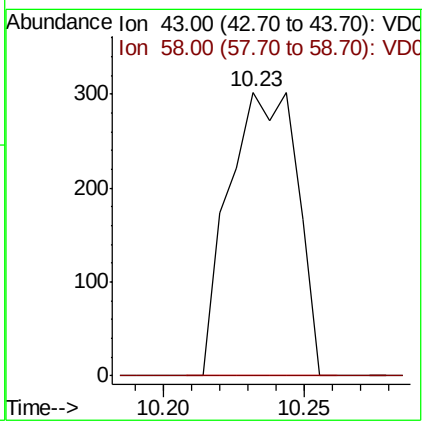


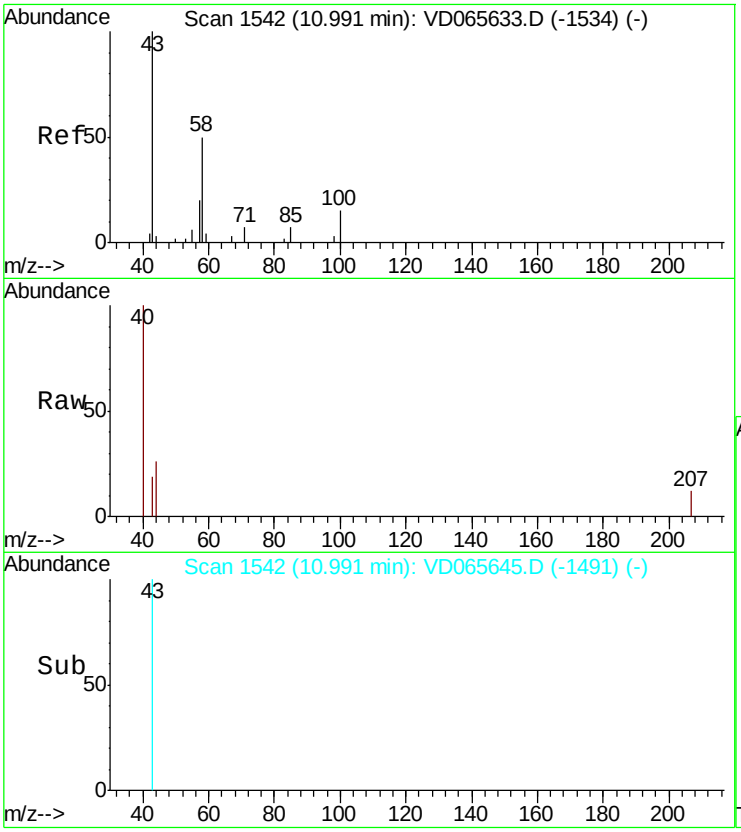


#51
4-Methyl-2-Pentanone
Concen: 10.116 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 43 Resp: 508

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.1	46.7#



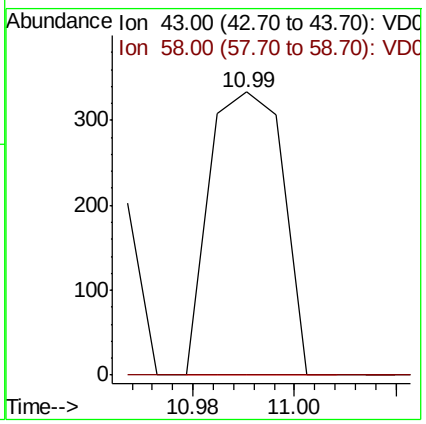


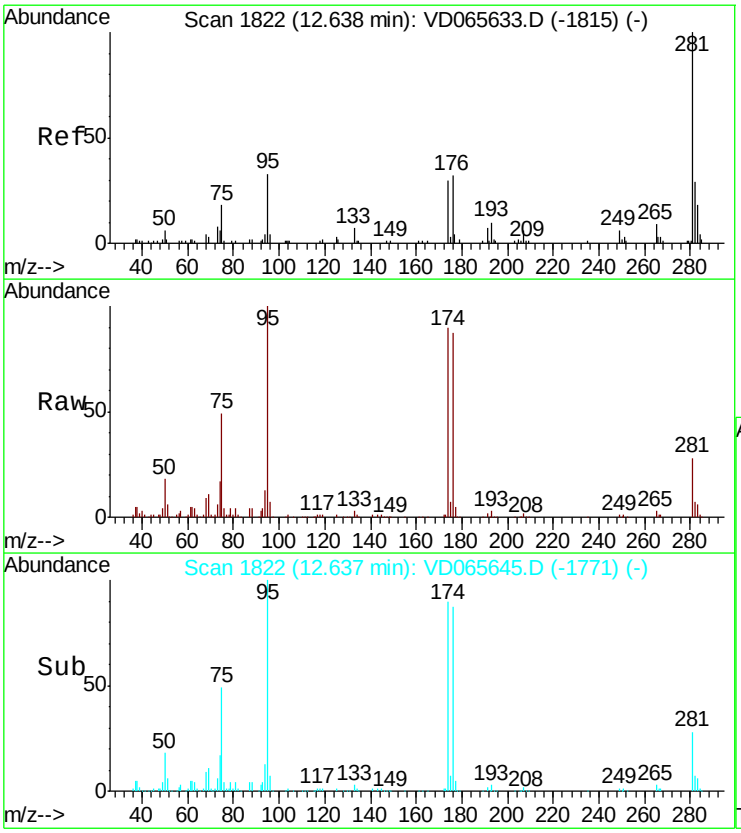
#59
2-Hexanone
Concen: 10.369 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument : MSVOA_D
ClientSampleId : BP-VPB180-378-380

Tgt Ion: 43 Resp: 334

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.5	79.4#

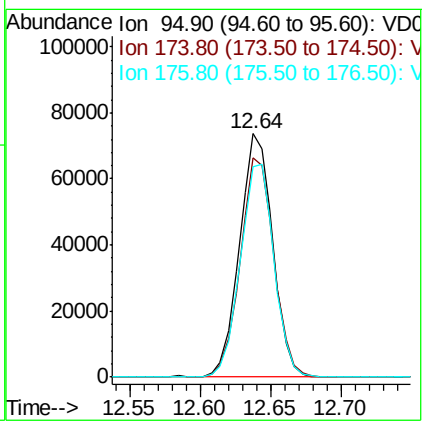


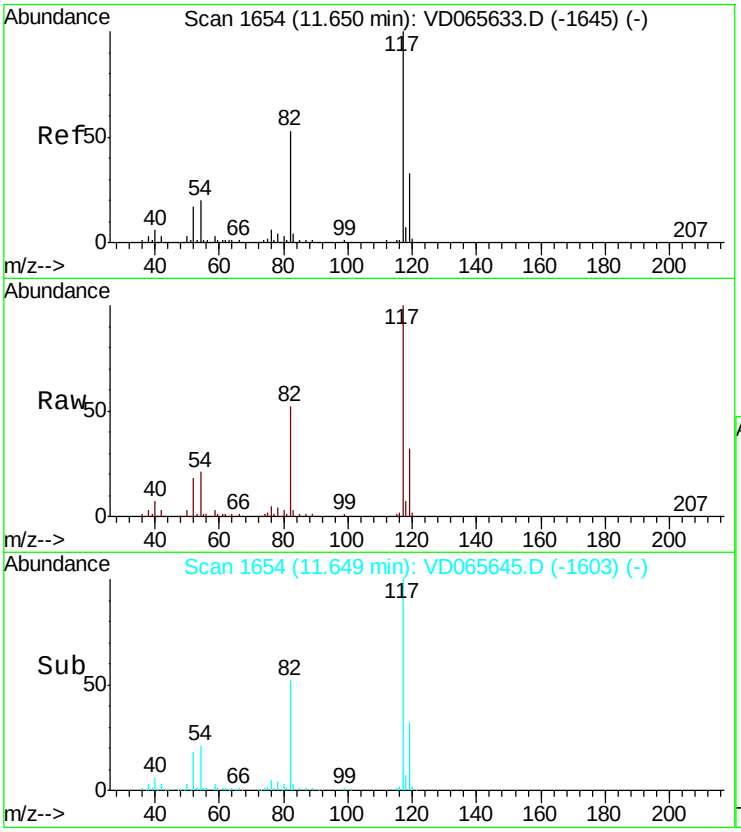


#62
4-Bromofluorobenzene
Concen: 55.145 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 95 Resp: 120940

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	183.8
176	89.2	0.0	181.4



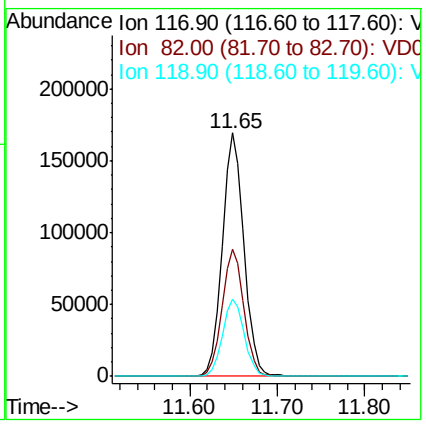


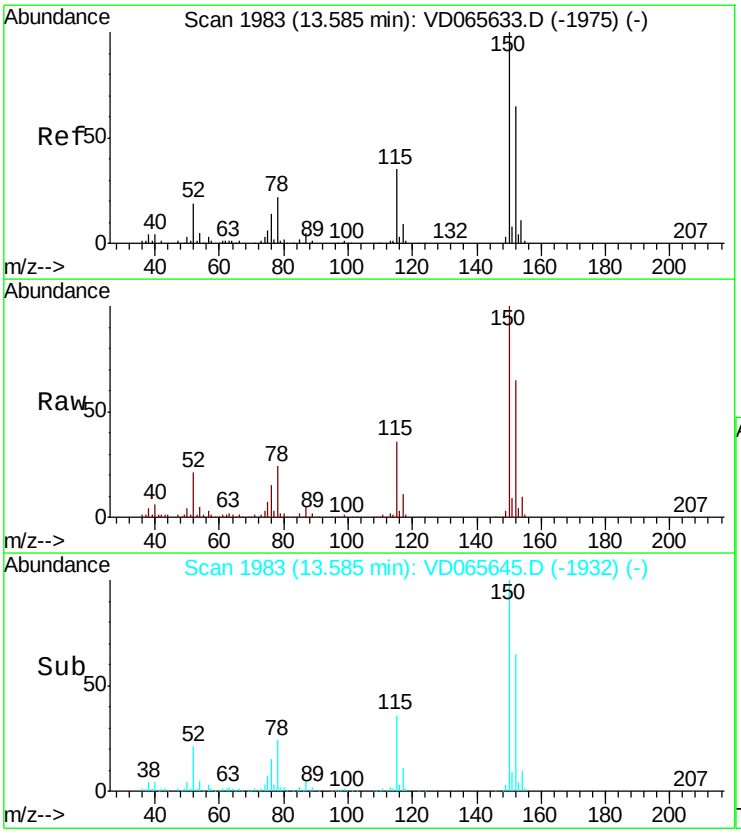
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion:117 Resp: 287088

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.2	64.8
119	31.7	26.2	39.4

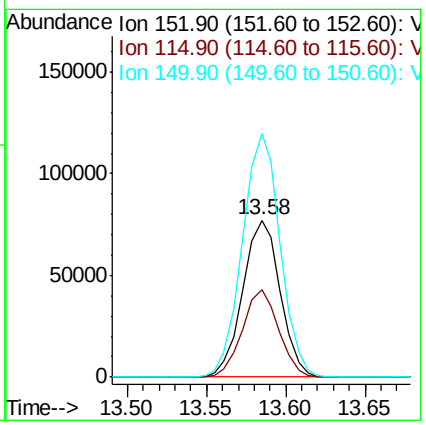


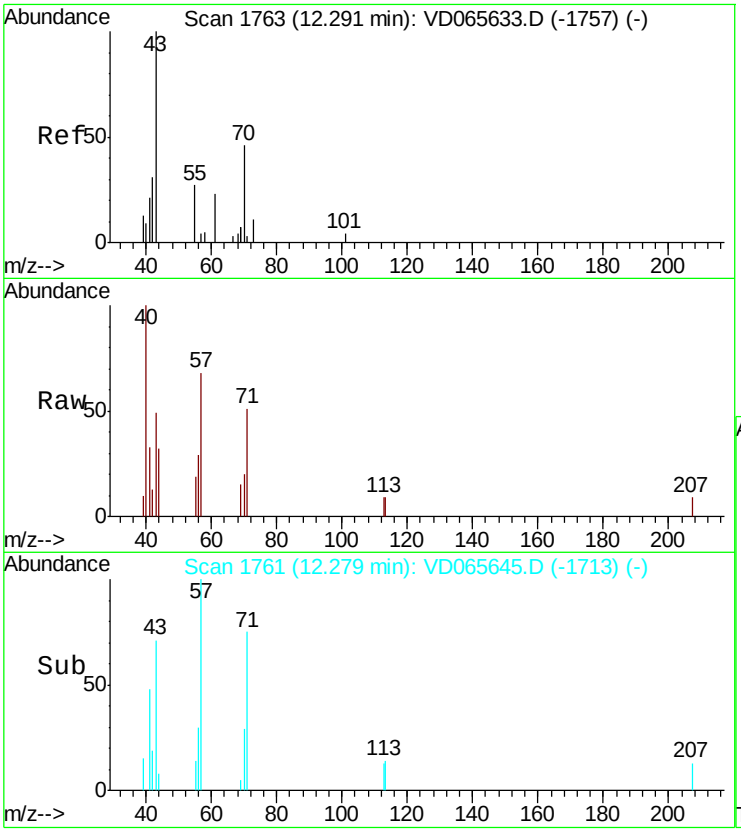


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion:152 Resp: 126724

Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.6	82.7
150	156.1	0.0	346.0



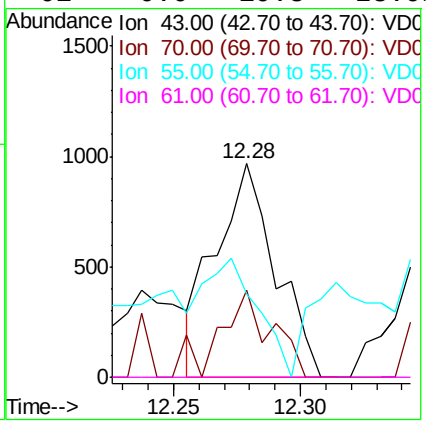


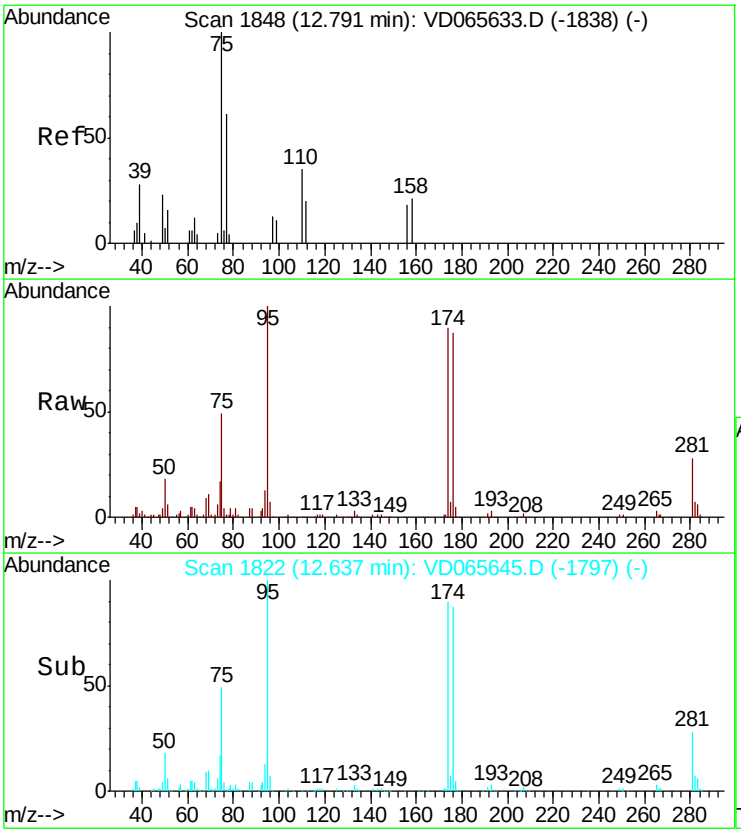
#74
N-amyl acetate
Concen: 3.653 ug/l
RT: 12.28 min Scan# 1761
Delta R.T. -0.02 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 43 Resp: 1599

Ion	Ratio	Lower	Upper
43	100		
70	35.3	35.4	53.0#
55	50.8	22.2	33.2#
61	0.0	19.3	28.9#

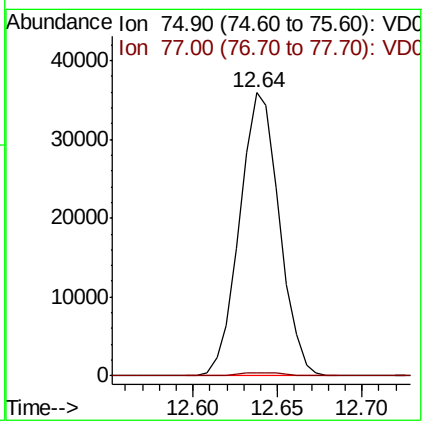


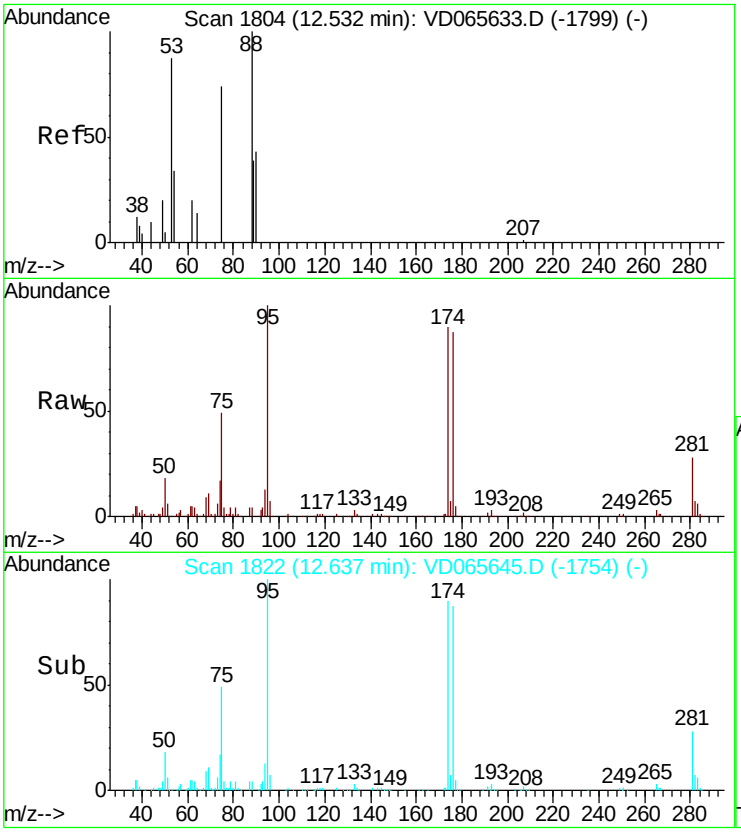


#76
1,2,3-Trichloropropane
Concen: 57.612 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion: 75 Resp: 58701

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



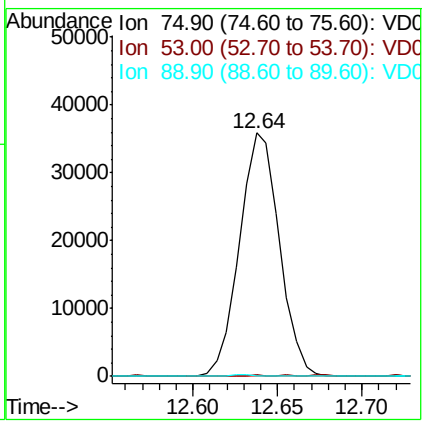


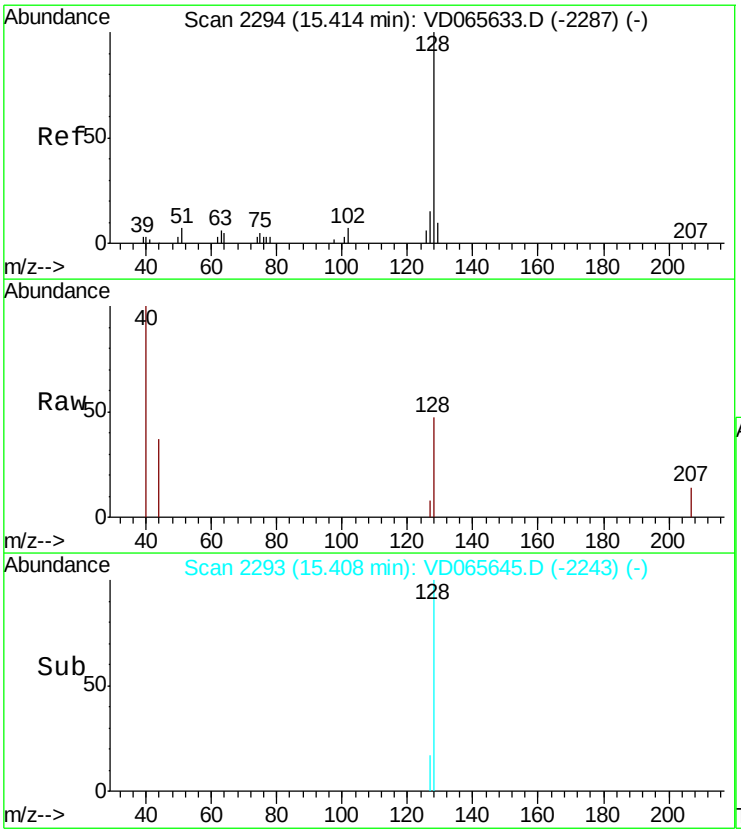
#81
trans-1,4-Dichloro-2-butene
Concen: 126.264 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.10 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB180-378-380

Tgt Ion: 75 Resp: 58701

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.8	115.2#
89	0.2	36.1	54.1#





#95
Naphthalene
Concen: 4.469 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD065645.D
Acq: 17 Apr 2020 15:29

Tgt Ion:128 Resp: 1595

Ion	Ratio	Lower	Upper
128	100		
127	3.6	10.6	16.0#
129	0.0	8.8	13.2#