Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062320\
Data File : VD065860.D
Acq On : 23 Jun 2020 15:15
Operator : VA/SY
Sample : L3082-13
Misc : 5.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-14

Quant Time: Jun 24 04:43:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	10212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	18008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	6997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	25280	250.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 501.04%			
35) Dibromofluoromethane	7.91	113	11492	101.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 202.06%			
50) Toluene-d8	10.34	98	18291	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.24%			
62) 4-Bromofluorobenzene	12.64	95	7881	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.58%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	400	Below Cal	#	43
11) Tert butyl alcohol	5.19	59	1181	201.964	ug/l #	74
16) Acetone	4.17	43	4378	230.003	ug/l	91
18) Methyl Acetate	4.75	43	127	Below Cal	#	52
20) Methylene Chloride	4.96	84	4656	45.674	ug/l #	79
25) 2-Butanone	7.19	43	754	28.683	ug/l #	52
26) 2,2-Dichloropropane	7.20	77	969	5.789	ug/l #	54
29) Tetrahydrofuran	7.56	42	473	28.469	ug/l #	34
37) Ethyl Acetate	7.29	43	109	1.604	ug/l #	70
38) Carbon Tetrachloride	7.97	117	943	5.194	ug/l #	12
41) Methacrylonitrile	7.57	41	91	2.249	ug/l #	1
48) Methyl methacrylate	9.53	41	92	1.407	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	179	2.704	ug/l	88
52) Toluene	10.41	92	310	1.012	ug/l	86
53) t-1,3-Dichloropropene	10.73	75	768	4.925	ug/l #	42
55) 1,1,2-Trichloroethane	10.72	97	761	8.862	ug/l #	15
57) 1,3-Dichloropropane	11.09	76	183	1.230	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.94	63	290	6.176	ug/l #	46
59) 2-Hexanone	10.98	43	223	4.996	ug/l #	26
76) 1,2,3-Trichloropropane	12.64	75	4682	86.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	4682	185.900	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.28	105	531	1.359	ug/l	82
86) p-Isopropyltoluene	13.53	119	441	1.021	ug/l #	50
95) Naphthalene	15.41	128	413	1.904	ug/l #	66

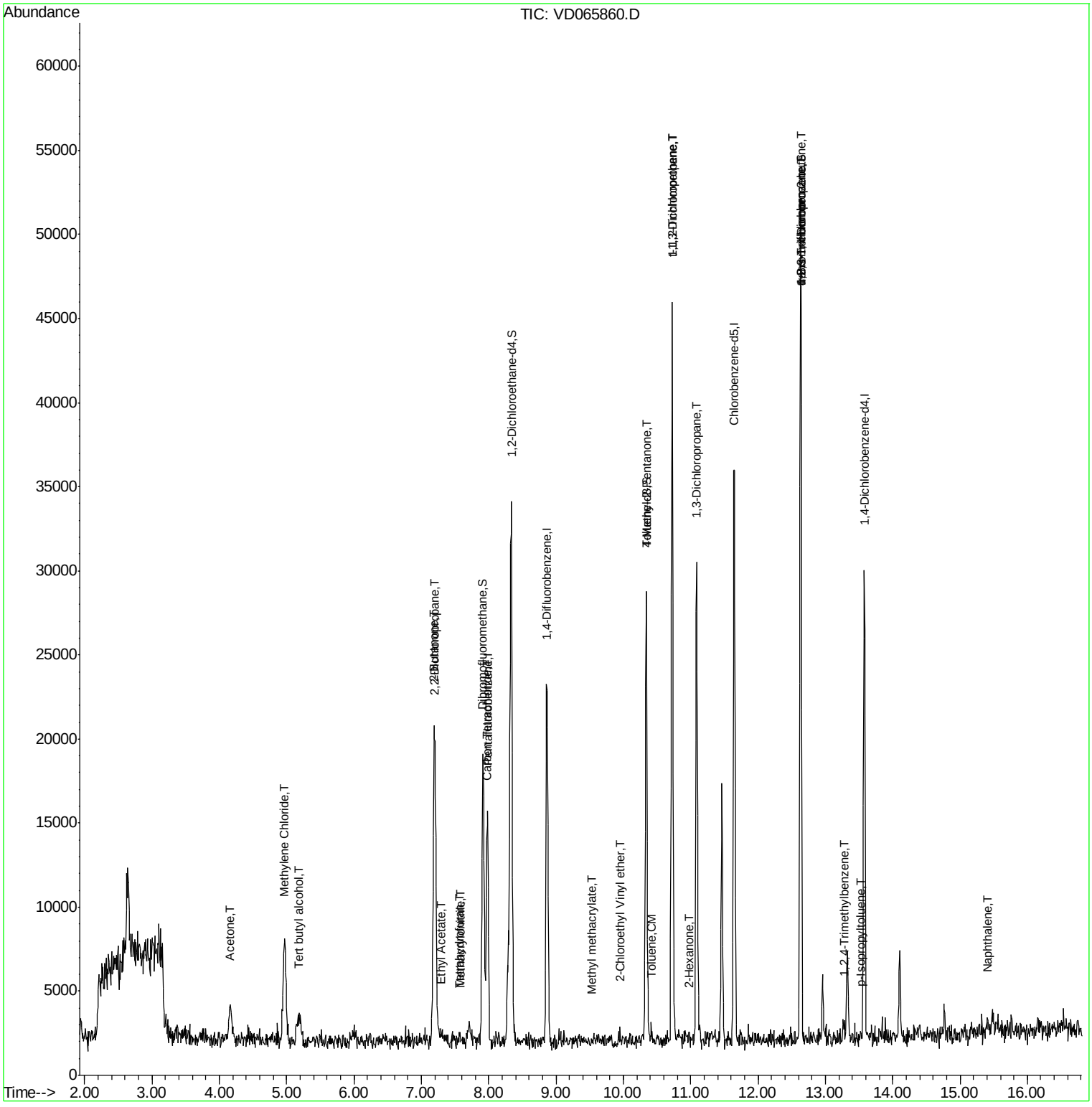
(#) = qualifier out of range (m) = manual integration (+) = signals summed

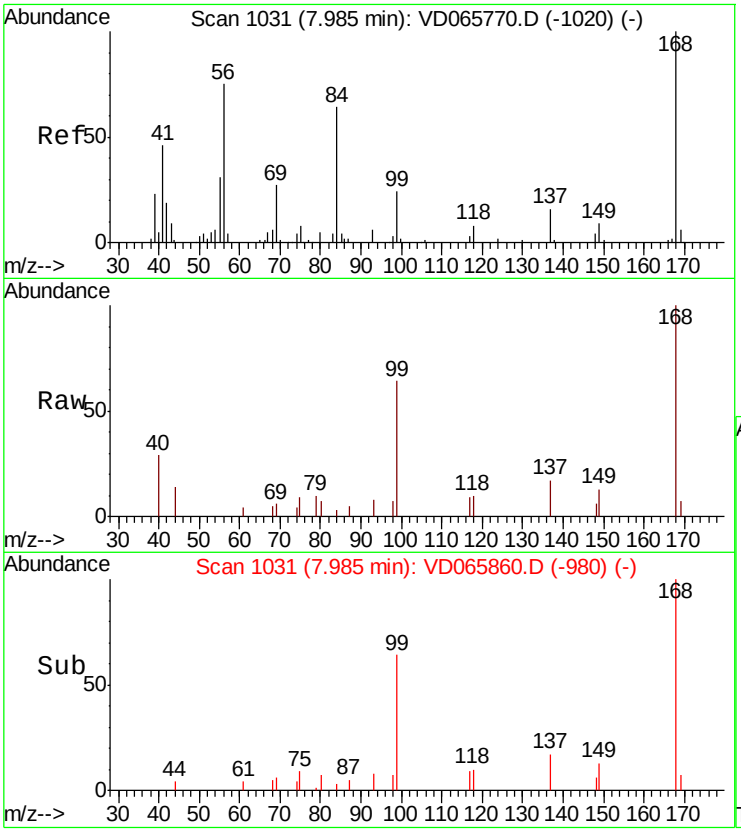
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062320\
Data File : VD065860.D
Acq On : 23 Jun 2020 15:15
Operator : VA/SY
Sample : L3082-13
Misc : 5.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Quant Time: Jun 24 04:43:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration



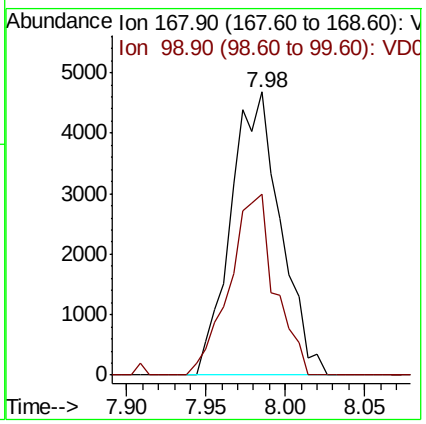


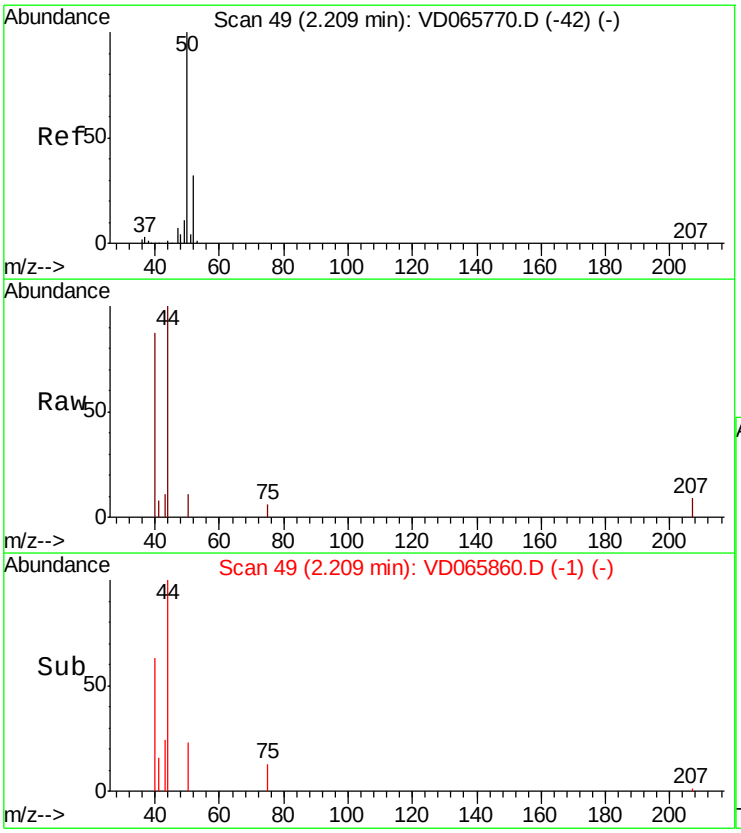
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion:168 Resp: 10212

Ion	Ratio	Lower	Upper
168	100		
99	64.0	45.3	67.9

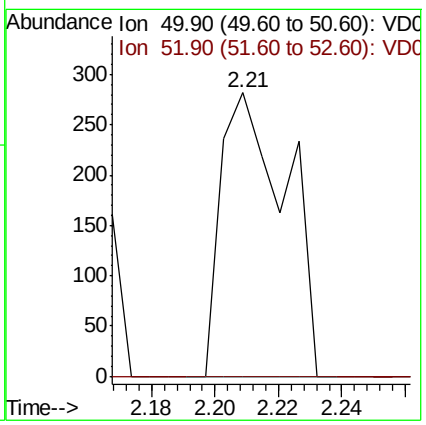


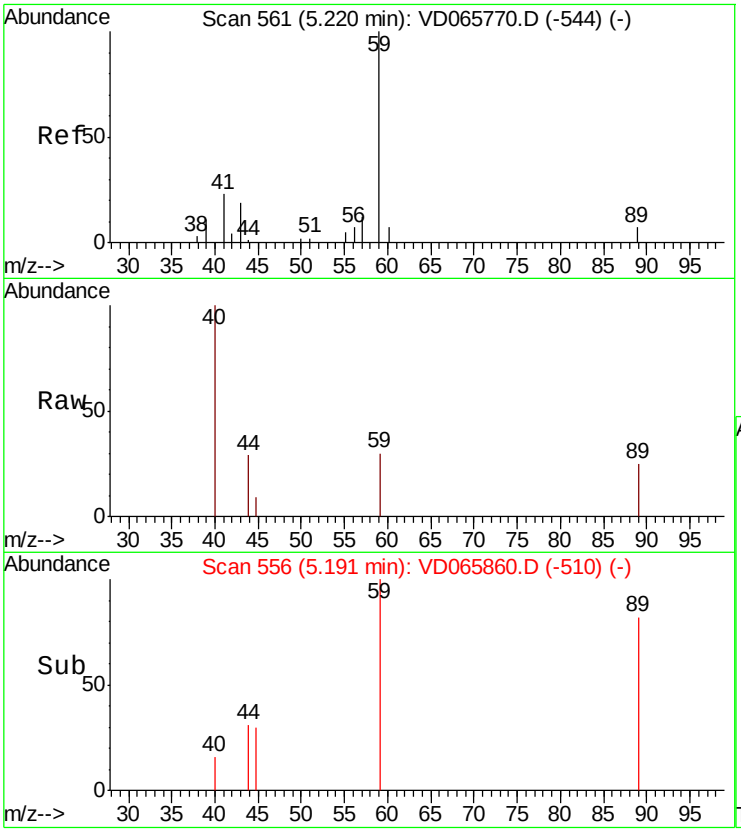


#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 50 Resp: 400

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.6	38.4#



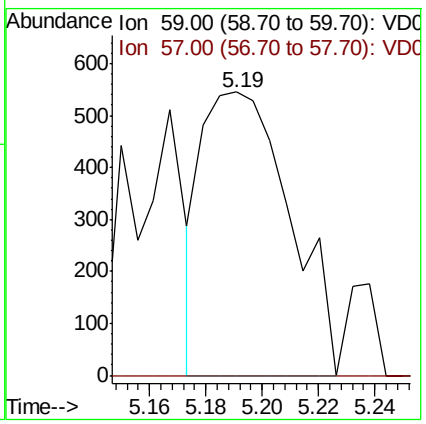


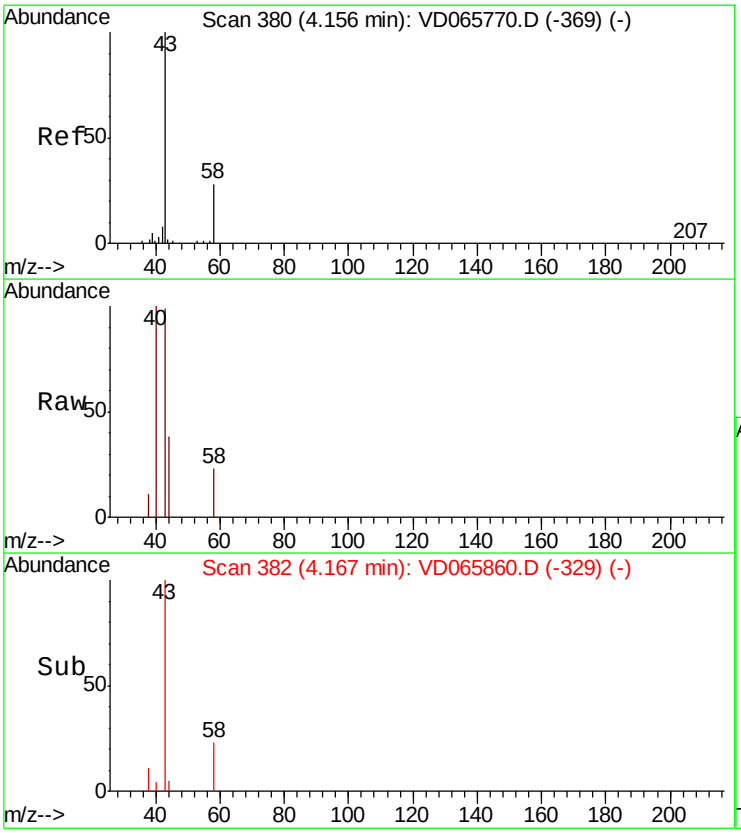
#11
Tert butyl alcohol
Concen: 201.964 ug/l
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 59 Resp: 1181

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.5	11.3#

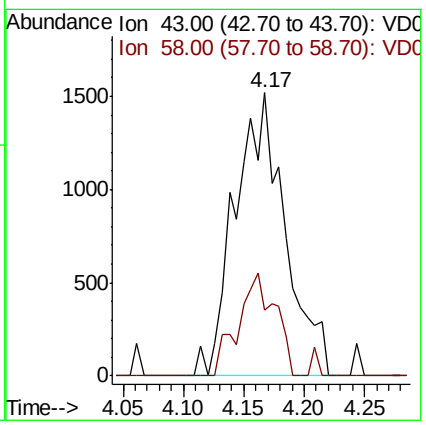


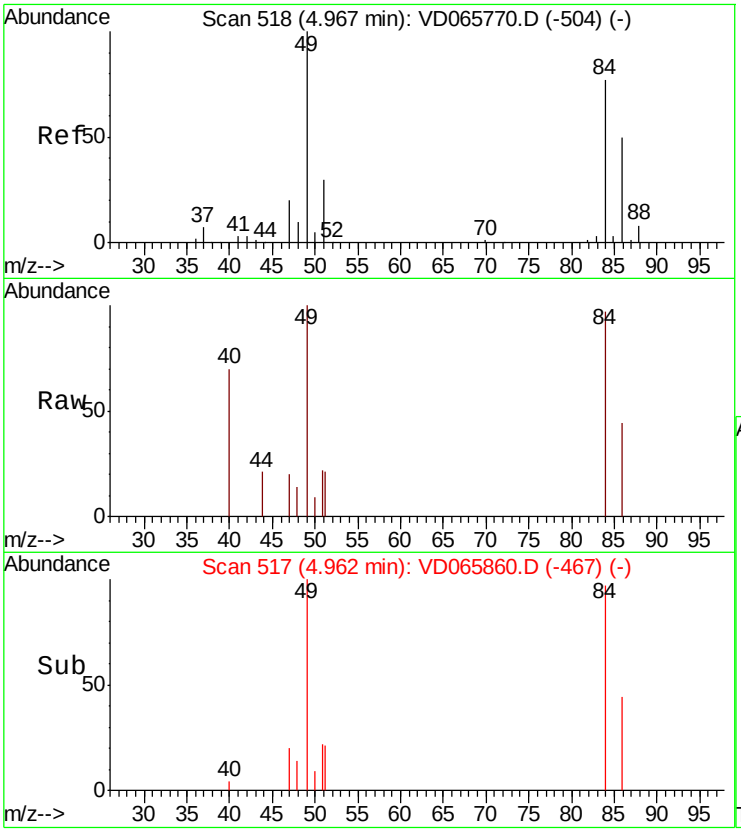


#16
Acetone
Concen: 230.003 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 43 Resp: 4378

Ion	Ratio	Lower	Upper
43	100		
58	23.1	22.3	33.5



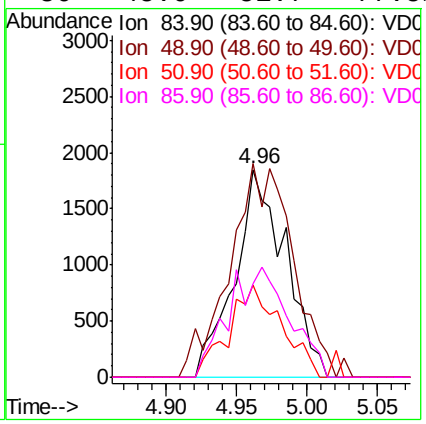


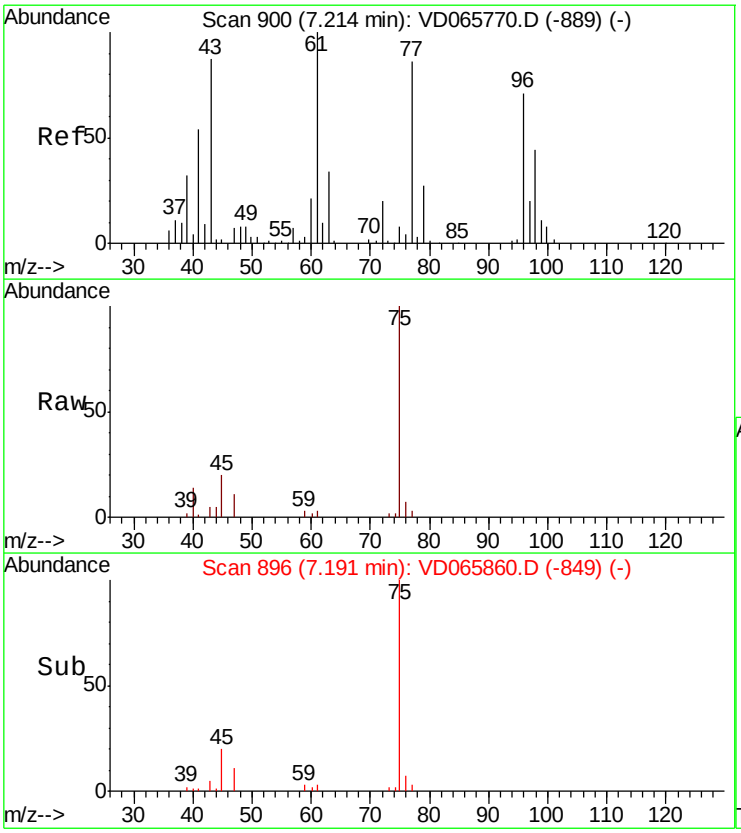
#20
Methylene Chloride
Concen: 45.674 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 84 Resp: 4656

Ion	Ratio	Lower	Upper
84	100		
49	102.9	103.4	155.0#
51	44.5	31.4	47.2
86	45.0	51.7	77.5#

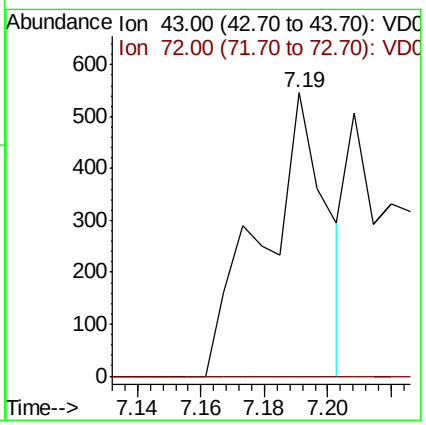


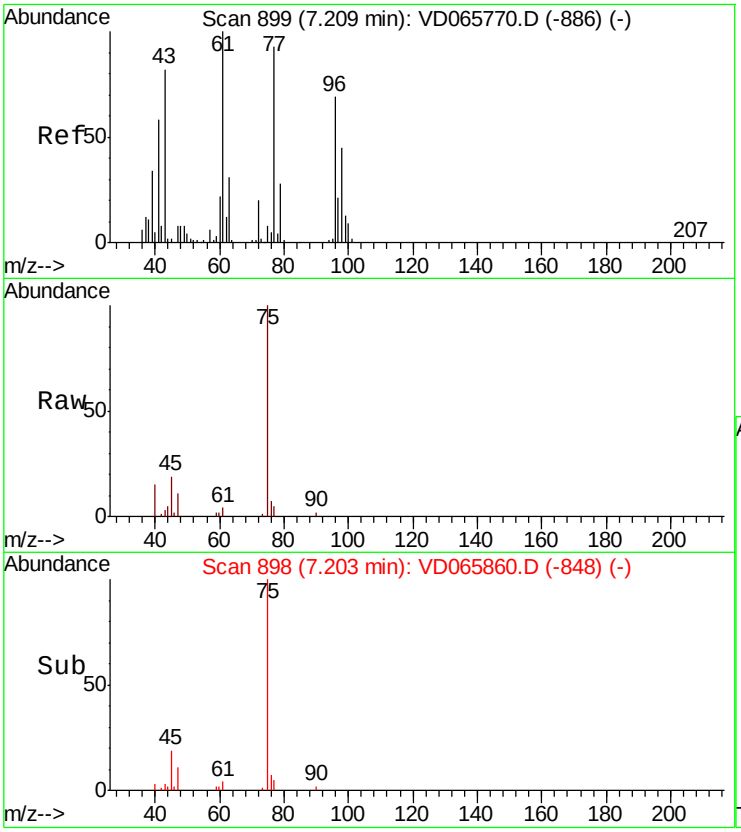


#25
2-Butanone
Concen: 28.683 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.02 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 43 Resp: 754

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#



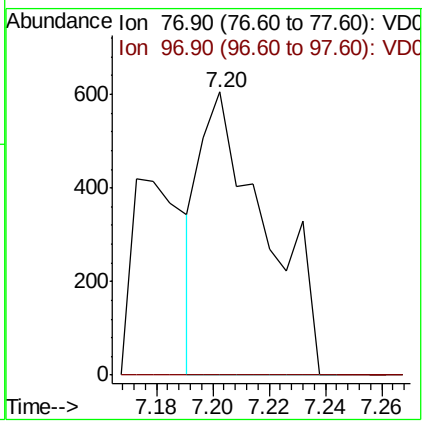


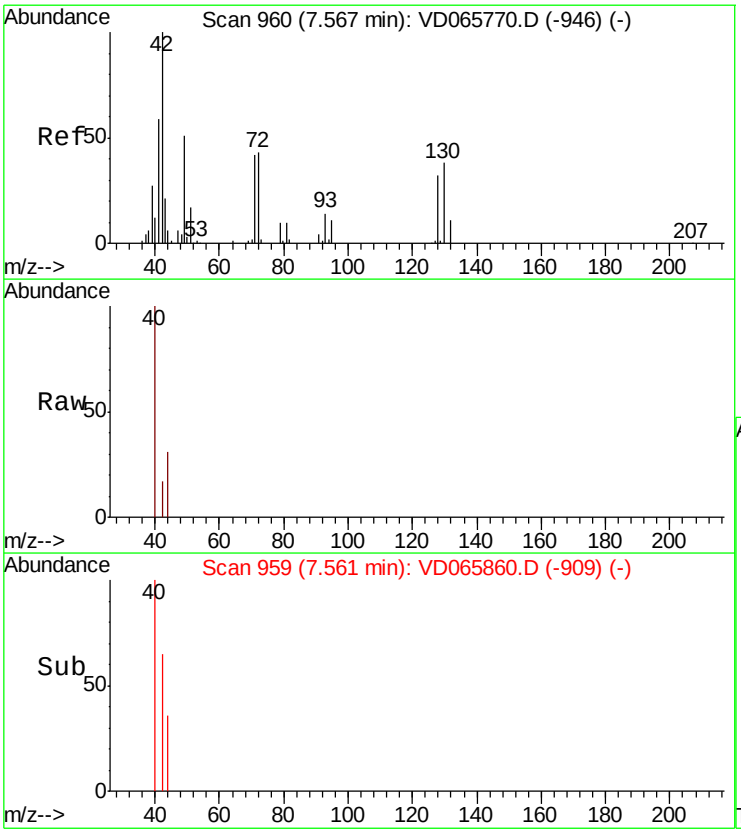
#26
2,2-Dichloropropane
Concen: 5.789 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 77 Resp: 969

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.9	32.7#

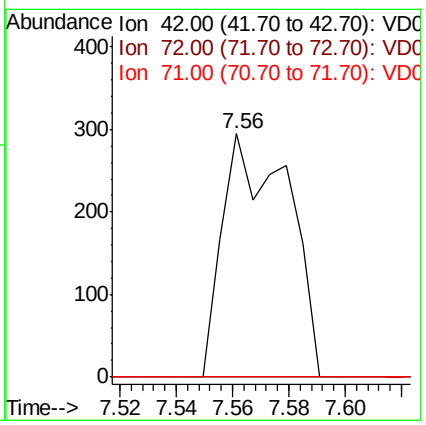


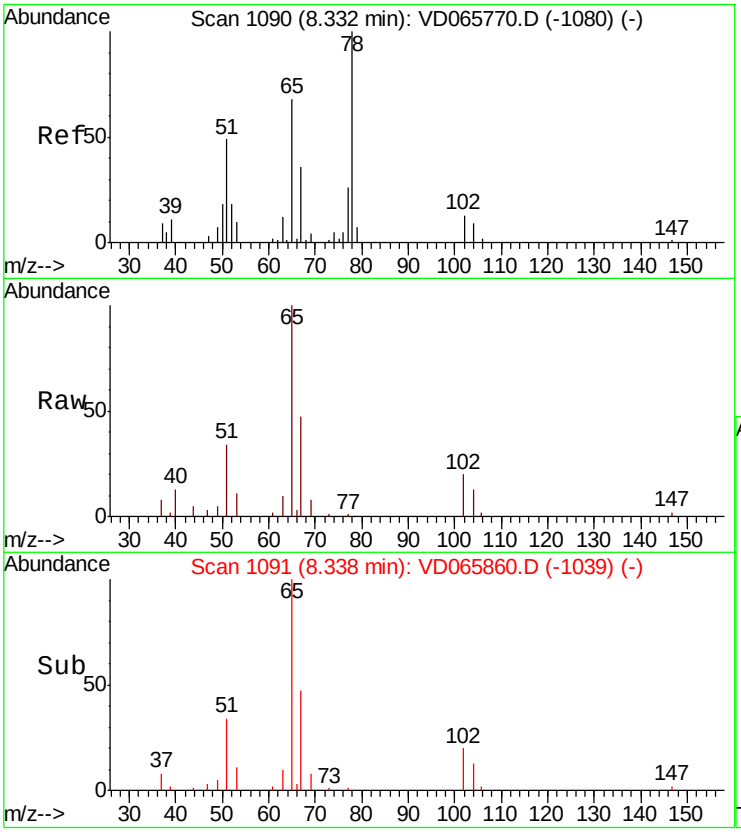


#29
Tetrahydrofuran
Concen: 28.469 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 42 Resp: 473

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.9	52.3#
71	0.0	31.2	46.8#



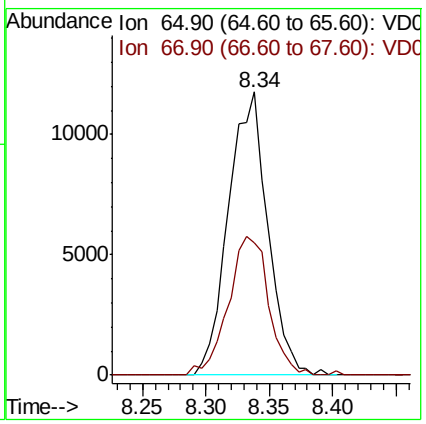


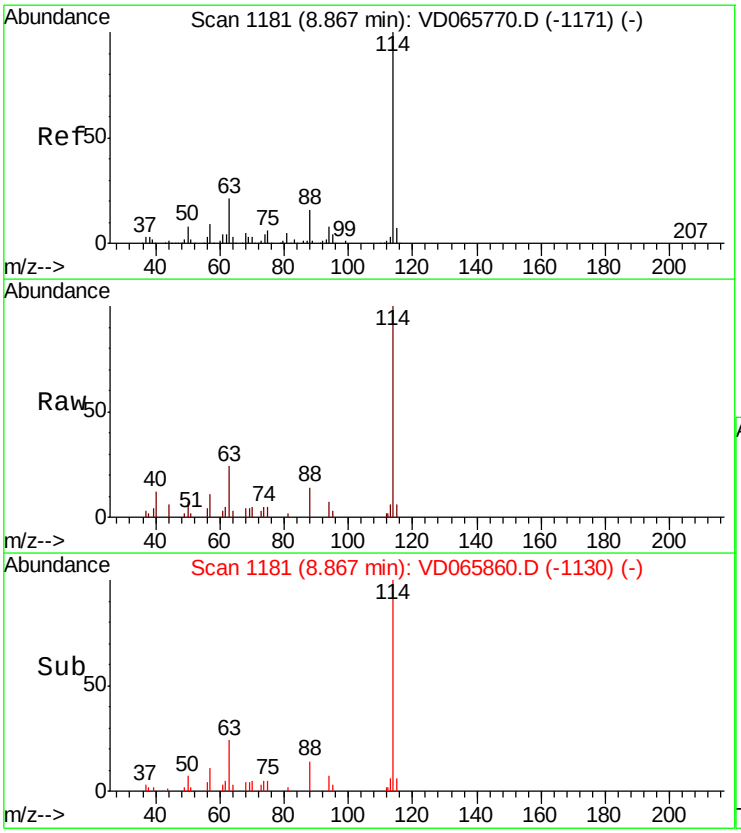
#33
1,2-Dichloroethane-d4
Concen: 250.525 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 65 Resp: 25280

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.6

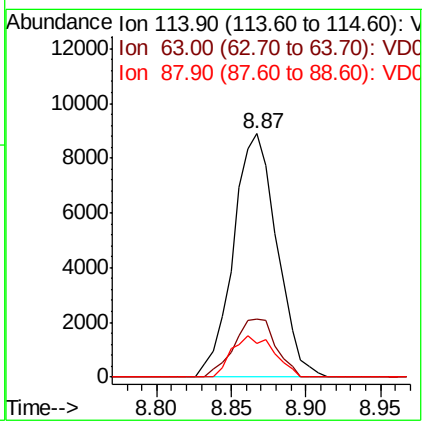


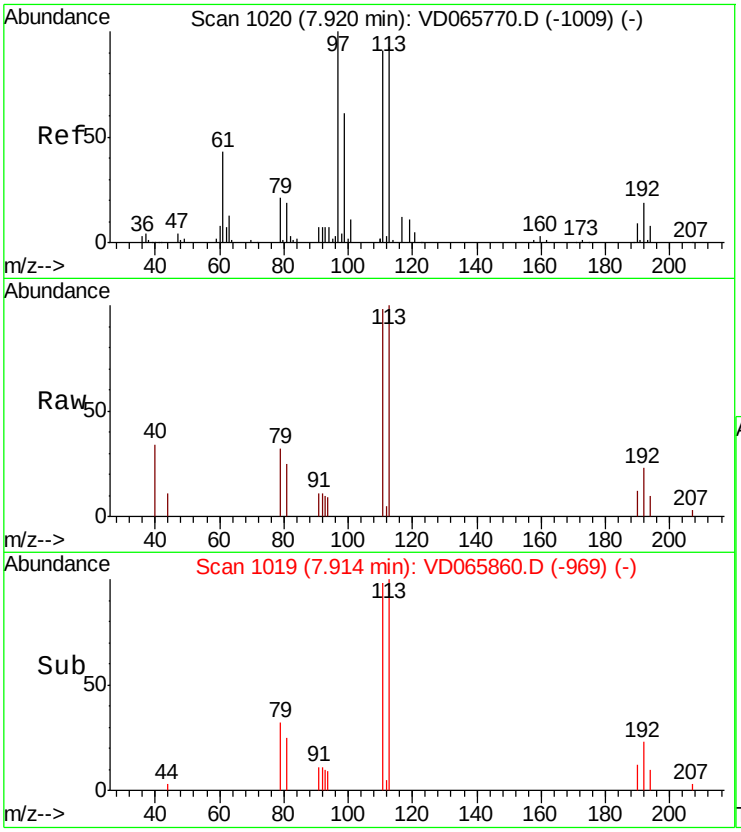


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion:114 Resp: 18008

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	41.8
88	13.9	0.0	32.0



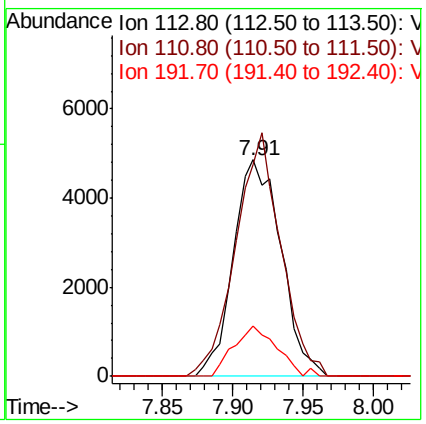


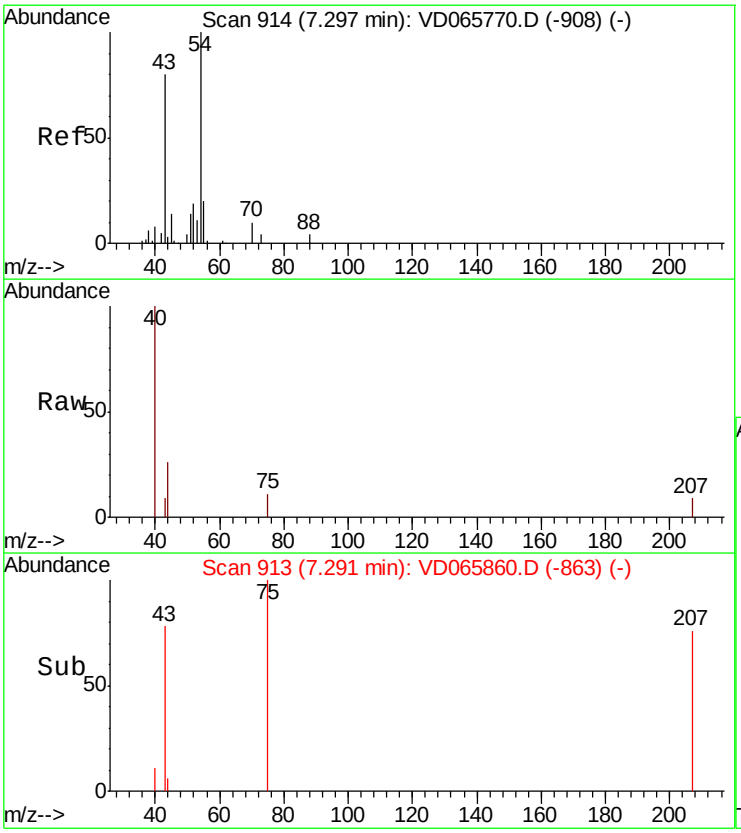
#35
Dibromofluoromethane
Concen: 101.029 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion:113 Resp: 11492

Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.4	125.0
192	21.2	15.7	23.5

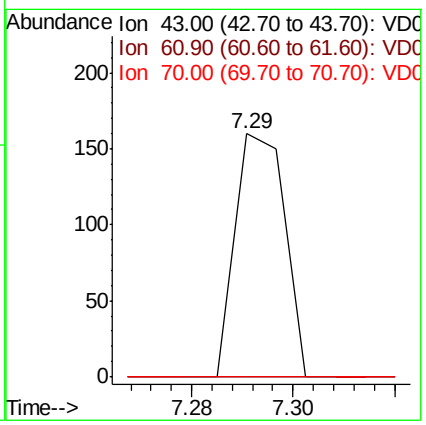


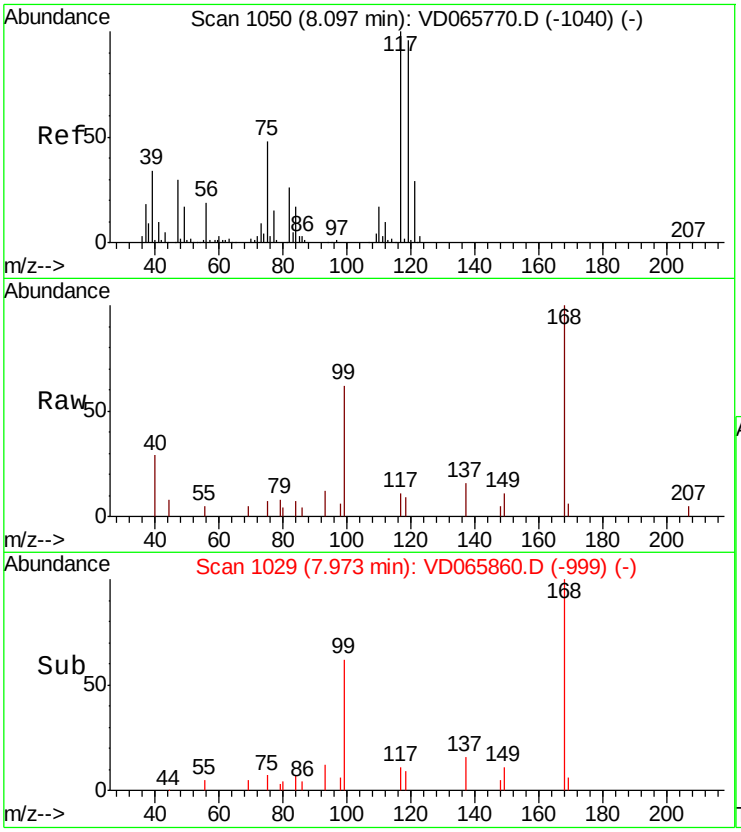


#37
Ethyl Acetate
Concen: 1.604 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 43 Resp: 109

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.5	11.3#



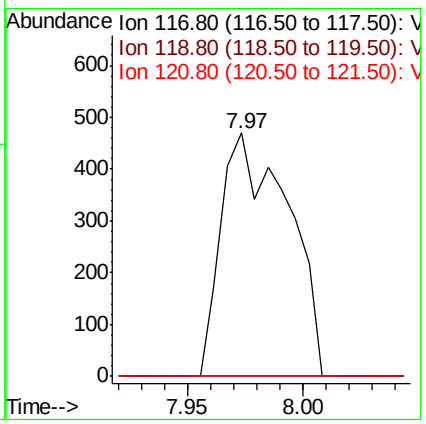


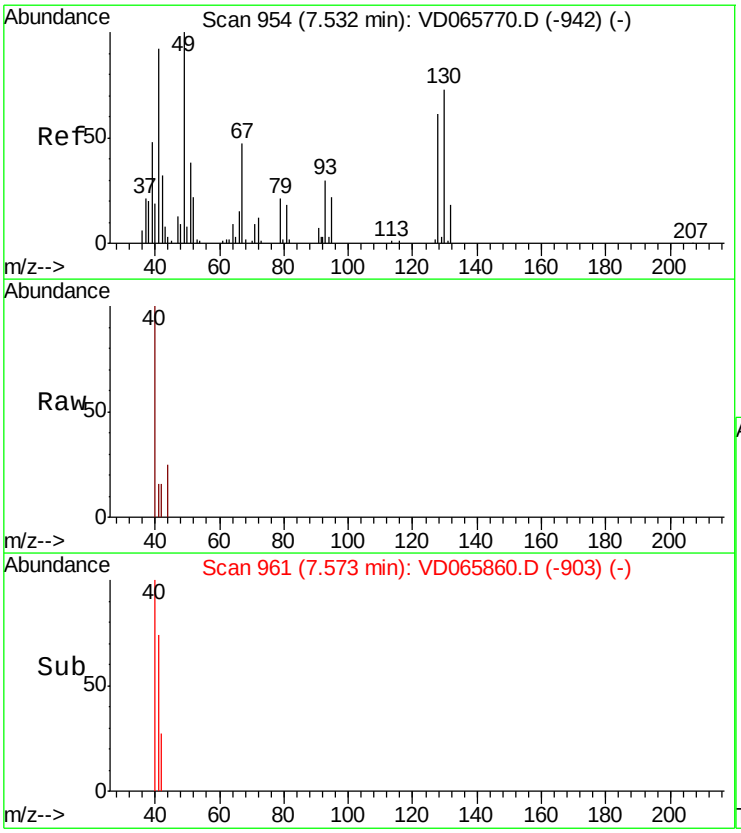
#38
Carbon Tetrachloride
Concen: 5.194 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion:117 Resp: 943

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.8	115.2#
121	0.0	23.4	35.2#

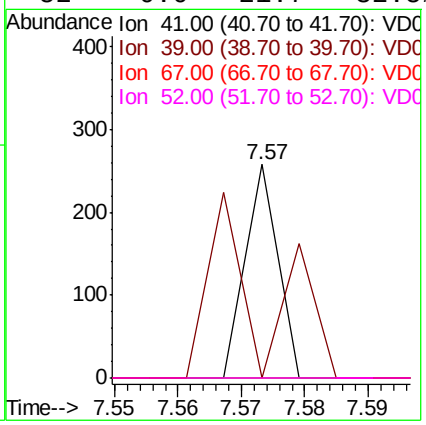


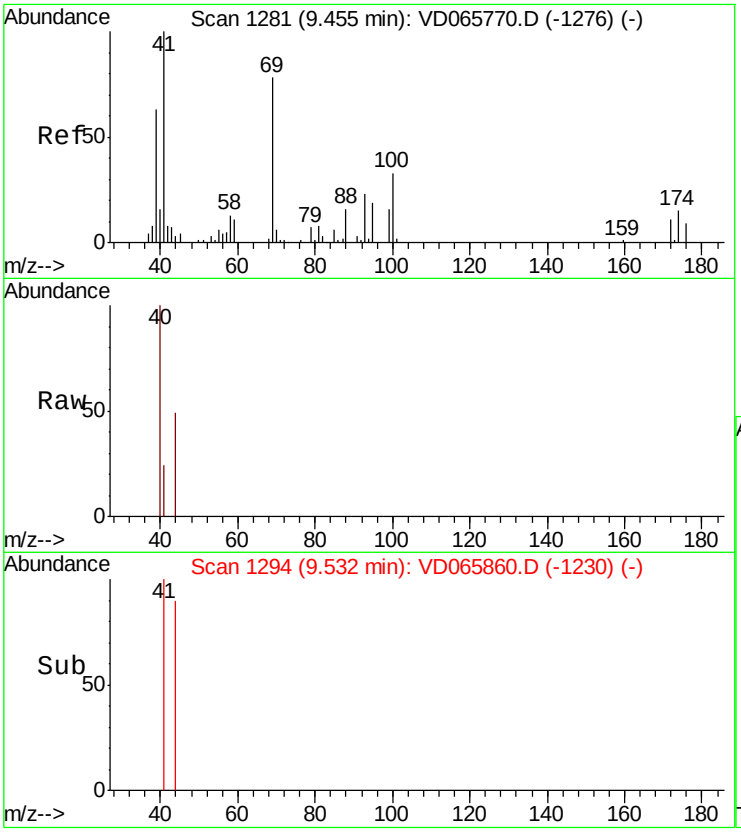


#41
Methacrylonitrile
Concen: 2.249 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.04 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 41 Resp: 91

Ion	Ratio	Lower	Upper
41	100		
39	150.5	38.3	57.5#
67	0.0	49.8	74.6#
52	0.0	21.7	32.5#



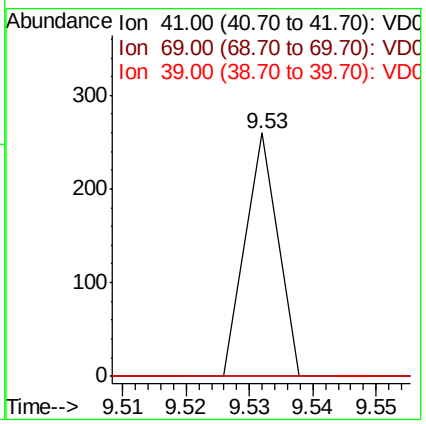


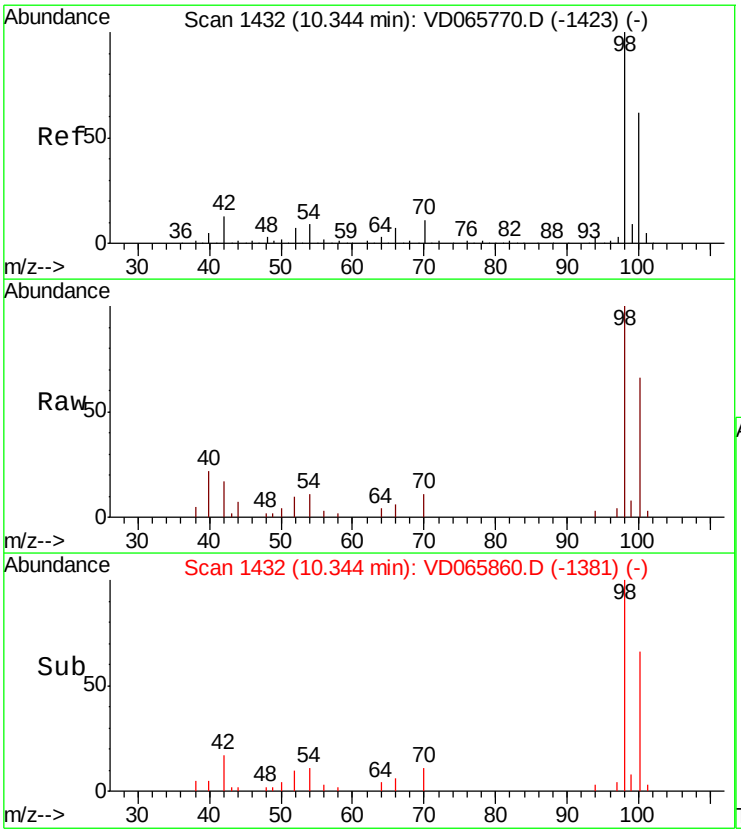
#48
Methyl methacrylate
Concen: 1.407 ug/l
RT: 9.53 min Scan# 1294
Delta R.T. 0.08 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 41 Resp: 92

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	0.0	48.1	72.1#

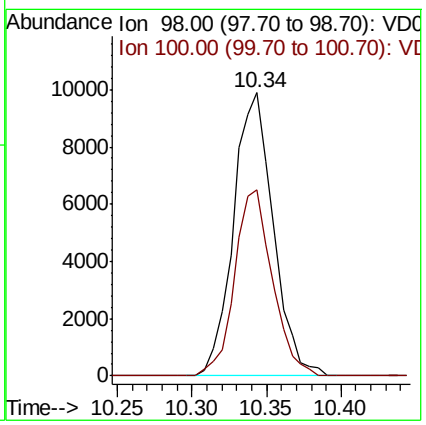


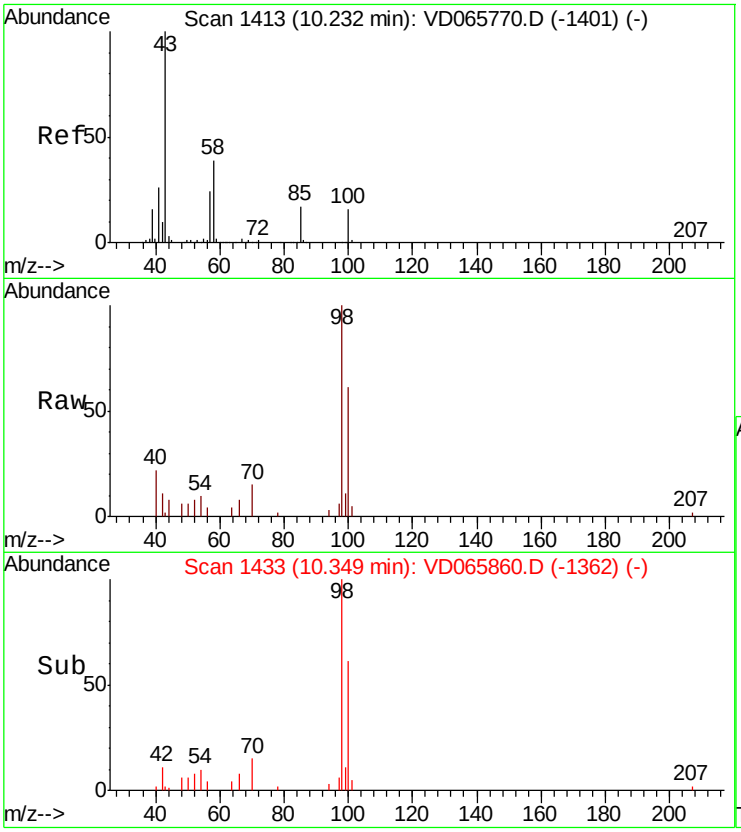


#50
Toluene-d8
Concen: 43.123 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 98 Resp: 18291

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.4	77.2



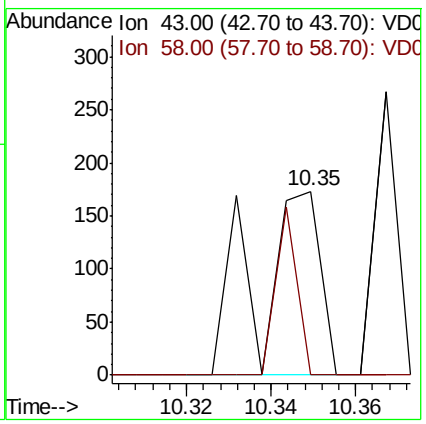


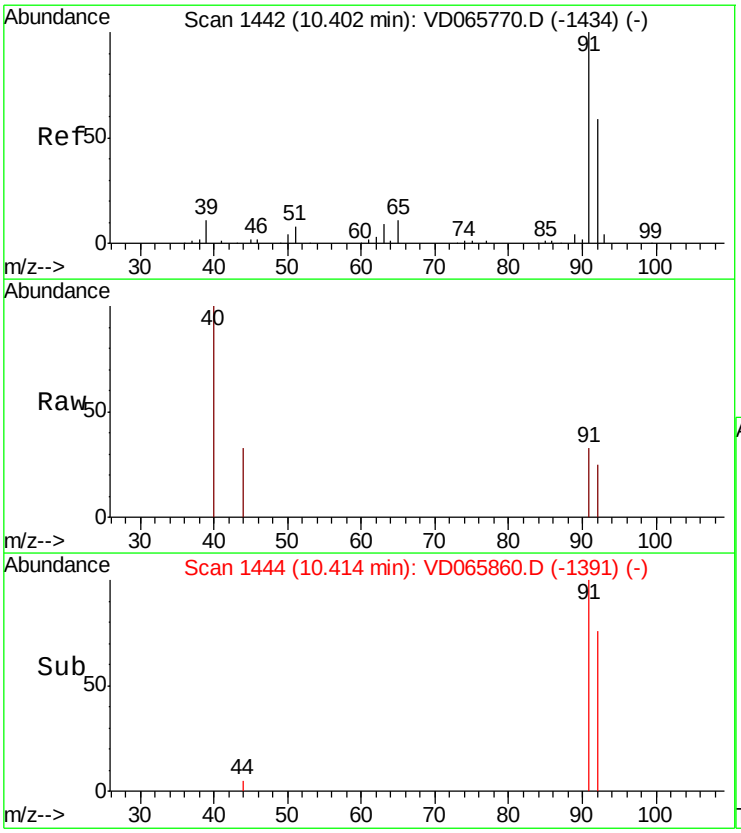
#51
4-Methyl-2-Pentanone
Concen: 2.704 ug/l
RT: 10.35 min Scan# 1433
Delta R.T. 0.12 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 43 Resp: 179

Ion	Ratio	Lower	Upper
43	100		
58	31.3	30.7	46.1

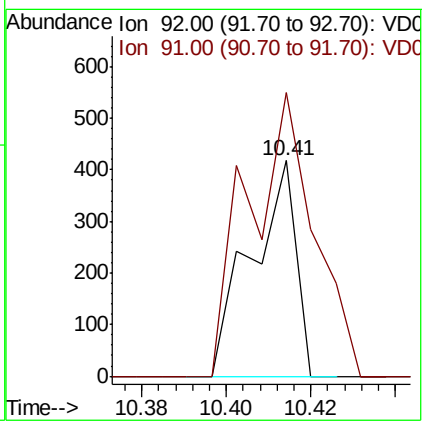


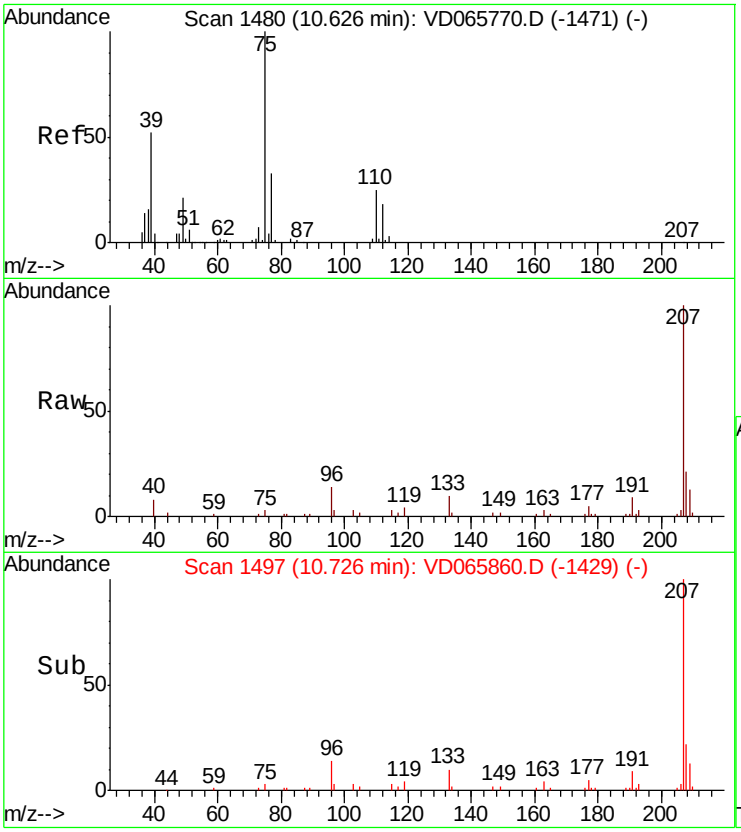


#52
Toluene
Concen: 1.012 ug/l
RT: 10.41 min Scan# 1444
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 92 Resp: 310

Ion	Ratio	Lower	Upper
92	100		
91	191.9	137.8	206.8



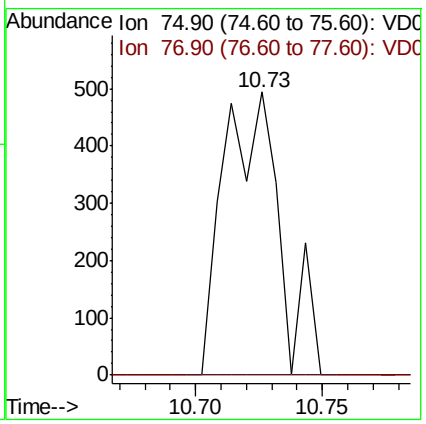


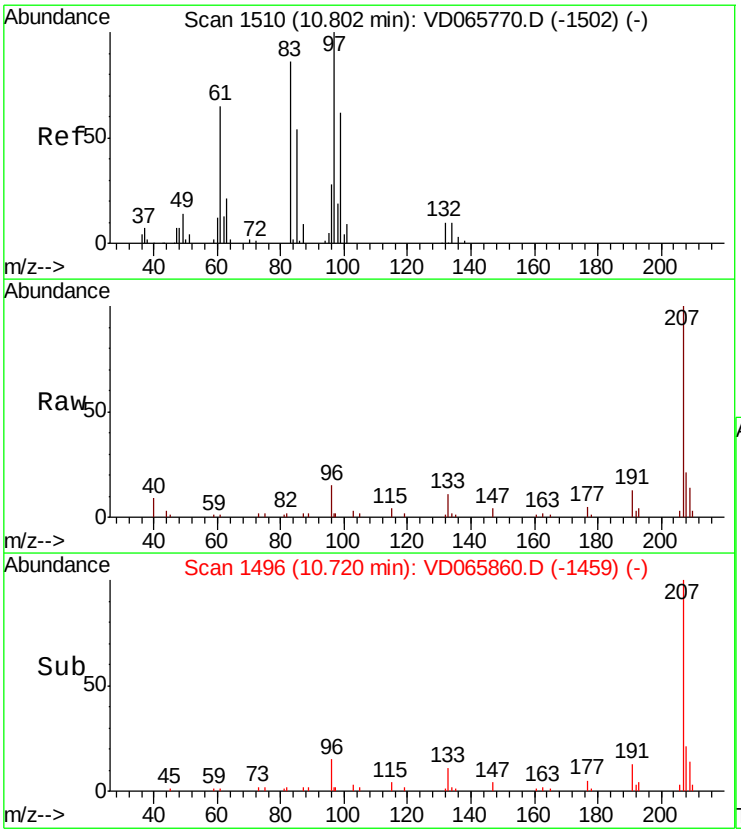
#53
t-1,3-Dichloropropene
Concen: 4.925 ug/l
RT: 10.73 min Scan# 1497
Delta R.T. 0.10 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 75 Resp: 768

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#

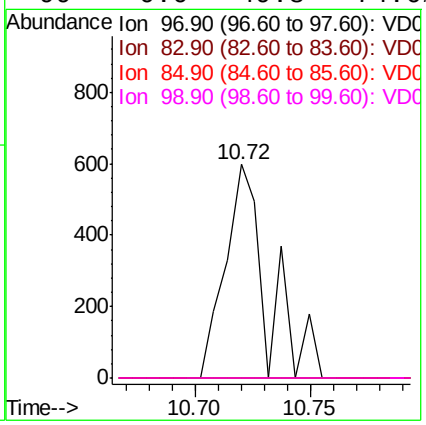


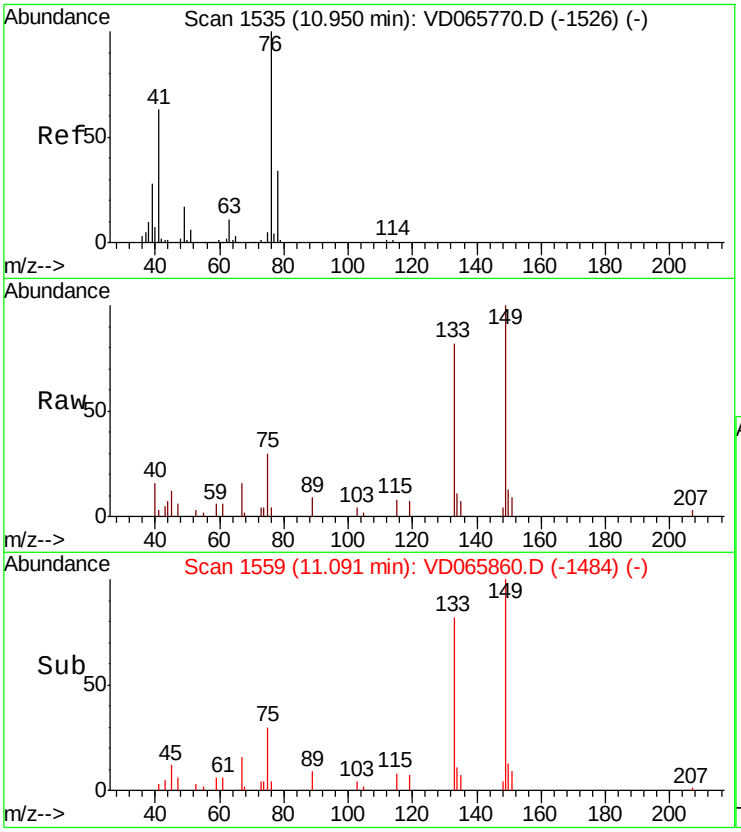


#55
1,1,2-Trichloroethane
Concen: 8.862 ug/l
RT: 10.72 min Scan# 1496
Delta R.T. -0.08 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 97 Resp: 761

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.7	103.1#
85	0.0	43.0	64.6#
99	0.0	49.8	74.6#



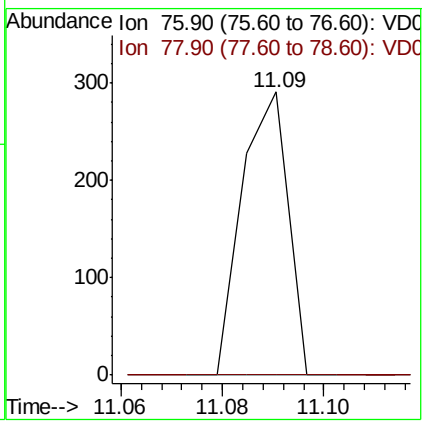


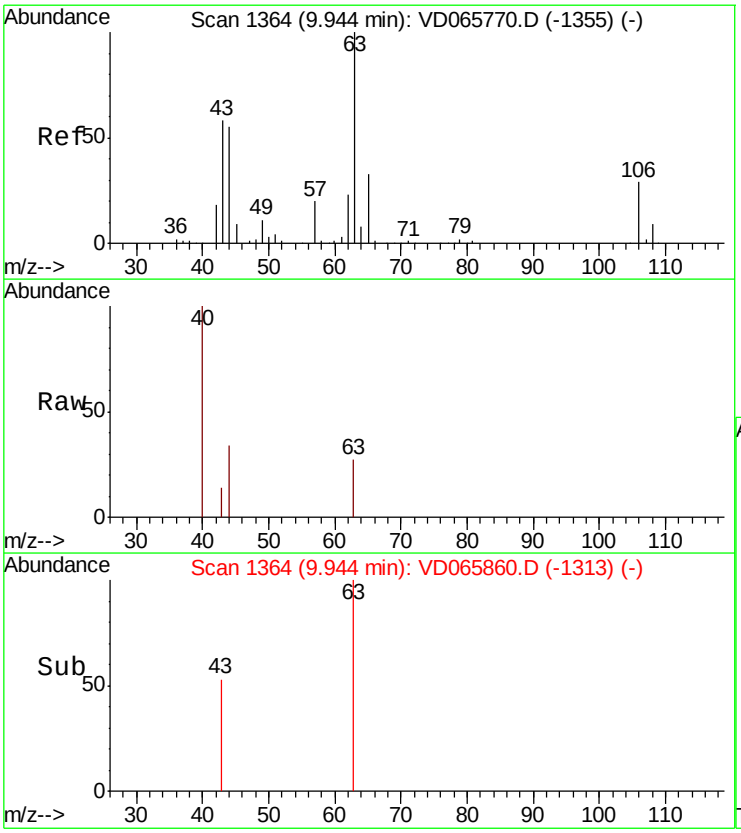
#57
1,3-Dichloropropane
Concen: 1.230 ug/l
RT: 11.09 min Scan# 1559
Delta R.T. 0.14 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion: 76 Resp: 183

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.3	39.5#

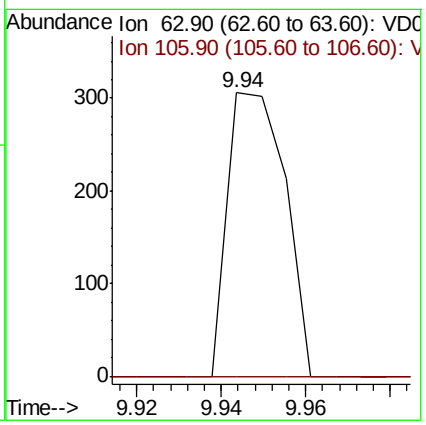


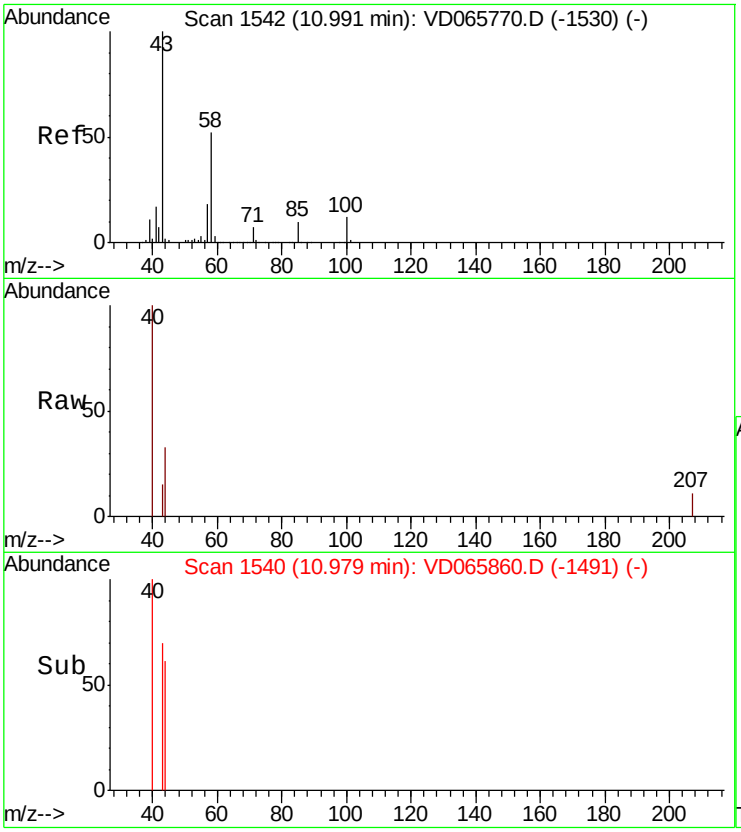


#58
2-Chloroethyl Vinyl ether
Concen: 6.176 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 63 Resp: 290

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.2	34.8#



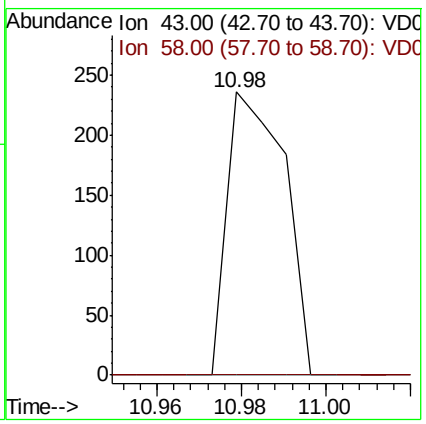


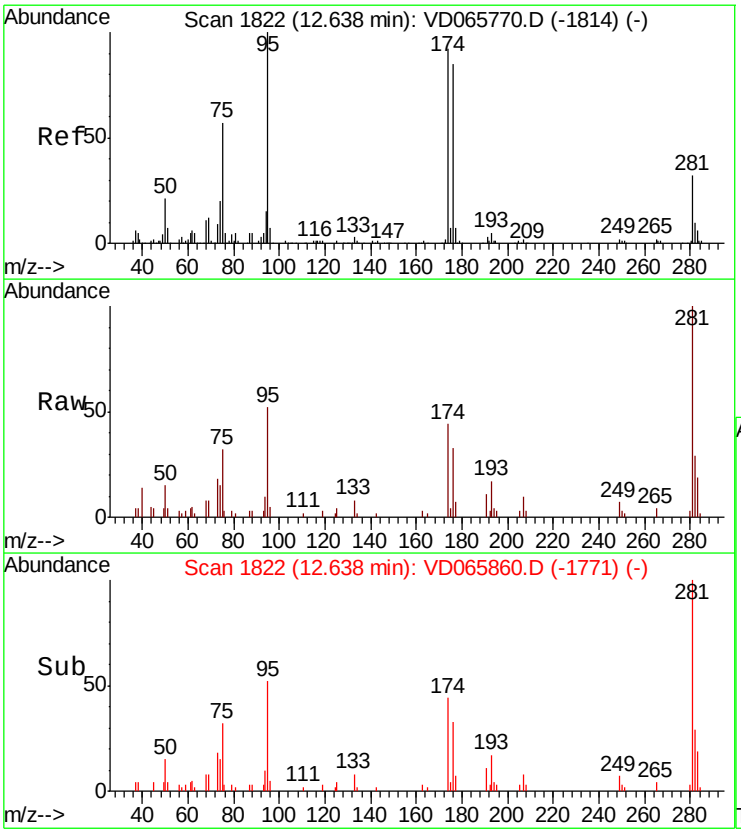
#59
2-Hexanone
Concen: 4.996 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion: 43 Resp: 223

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.7	77.0#

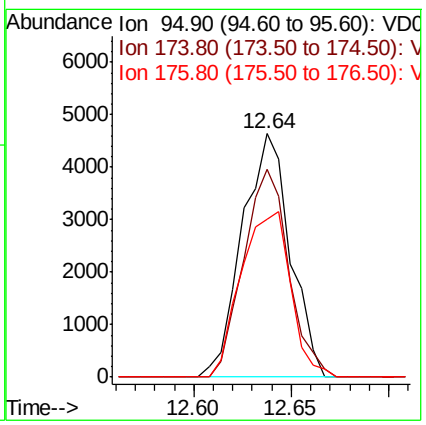


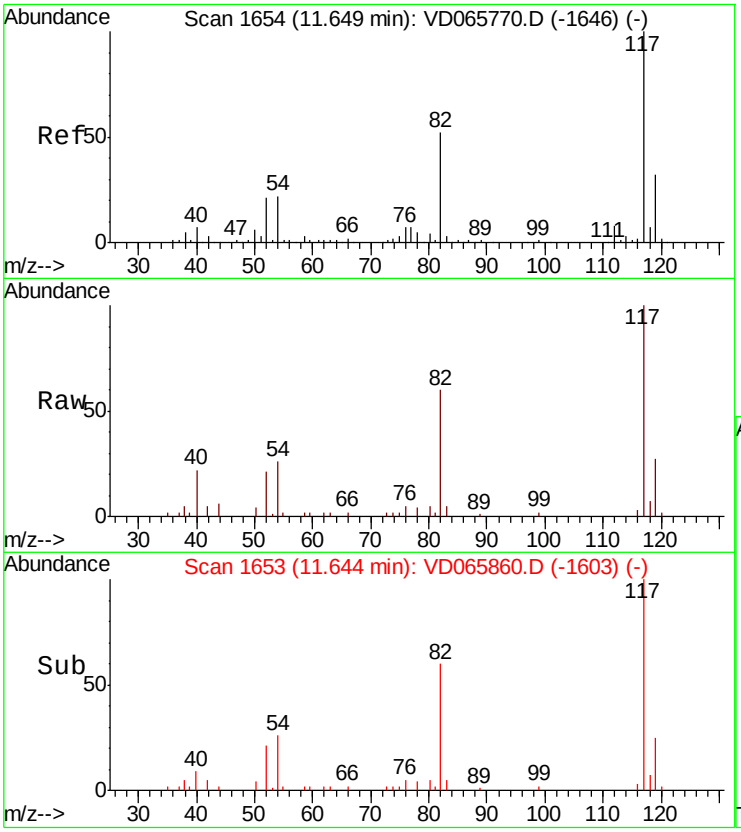


#62
4-Bromofluorobenzene
Concen: 54.788 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 95 Resp: 7881

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	175.2
176	70.3	0.0	163.0



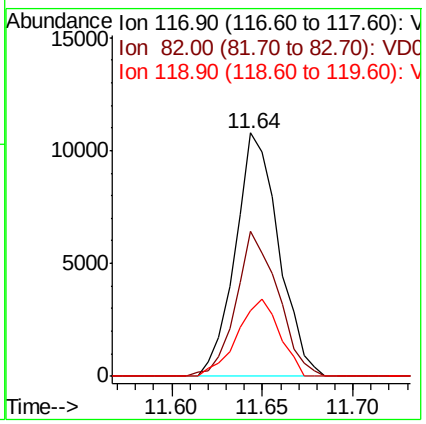


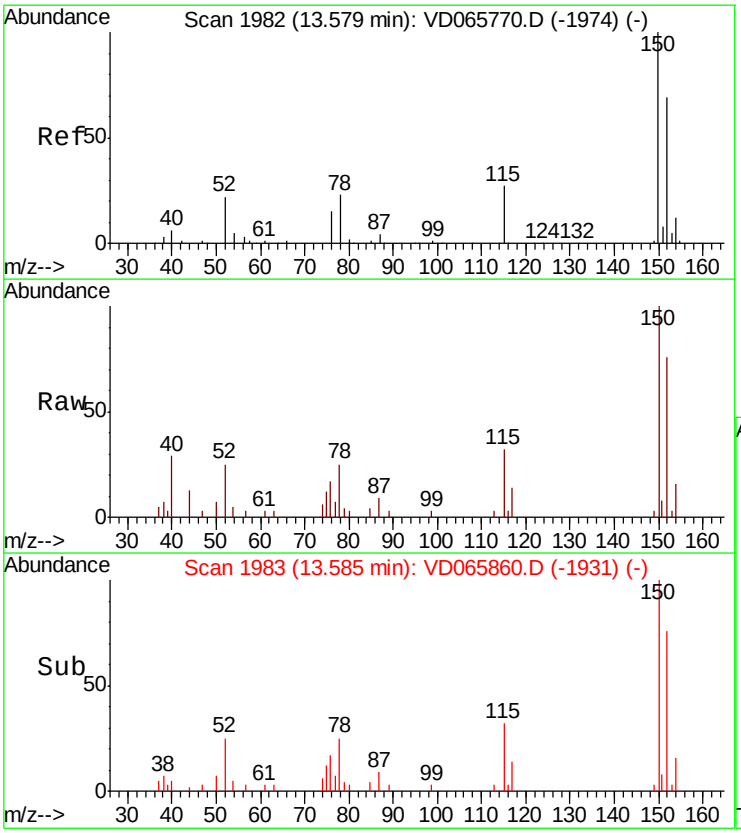
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument : MSVOA_D
ClientSampleId : SB-14

Tgt Ion:117 Resp: 17917

Ion	Ratio	Lower	Upper
117	100		
82	59.7	41.9	62.9
119	26.9	25.3	37.9

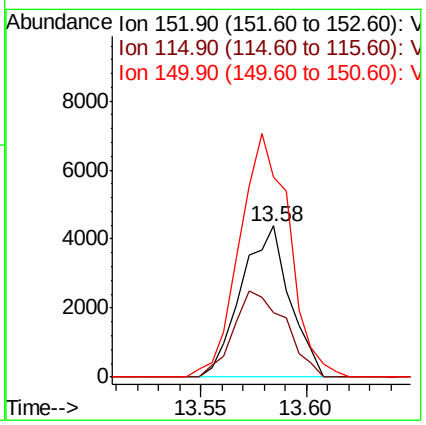


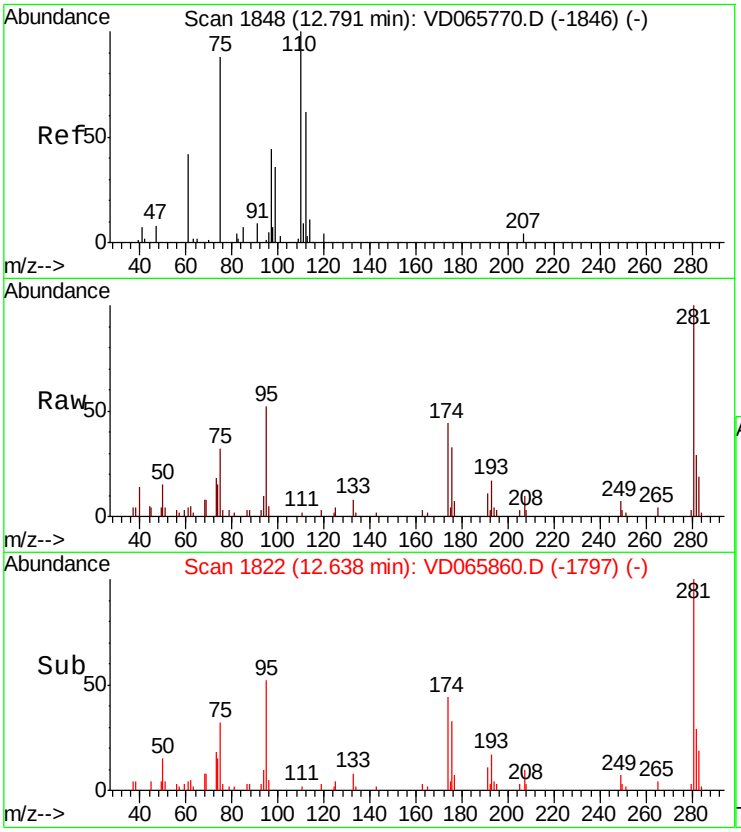


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion:152 Resp: 6997

Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.7	86.1
150	164.1	0.0	348.0



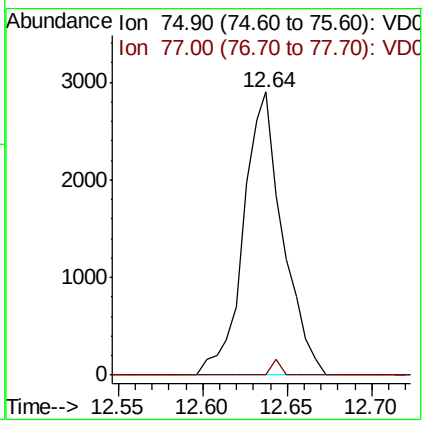


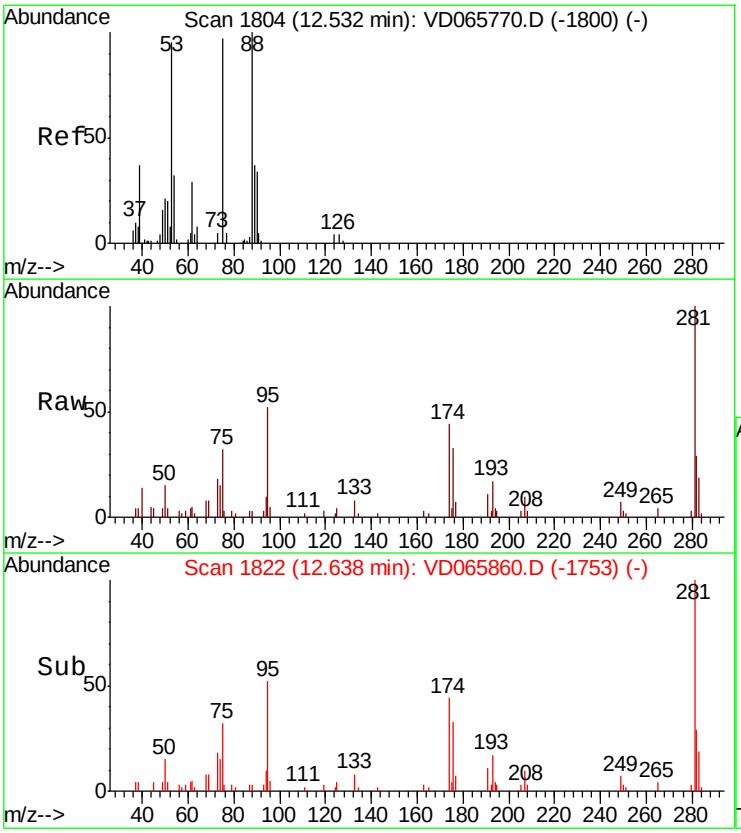
#76
1,2,3-Trichloropropane
Concen: 86.040 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion: 75 Resp: 4682

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

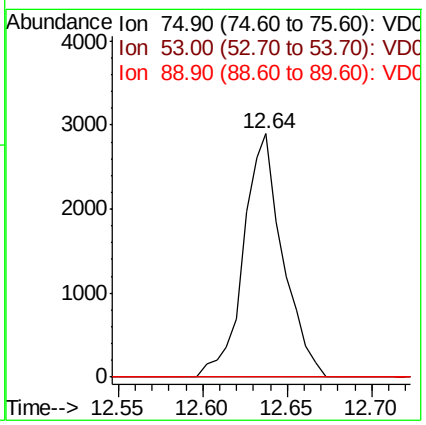


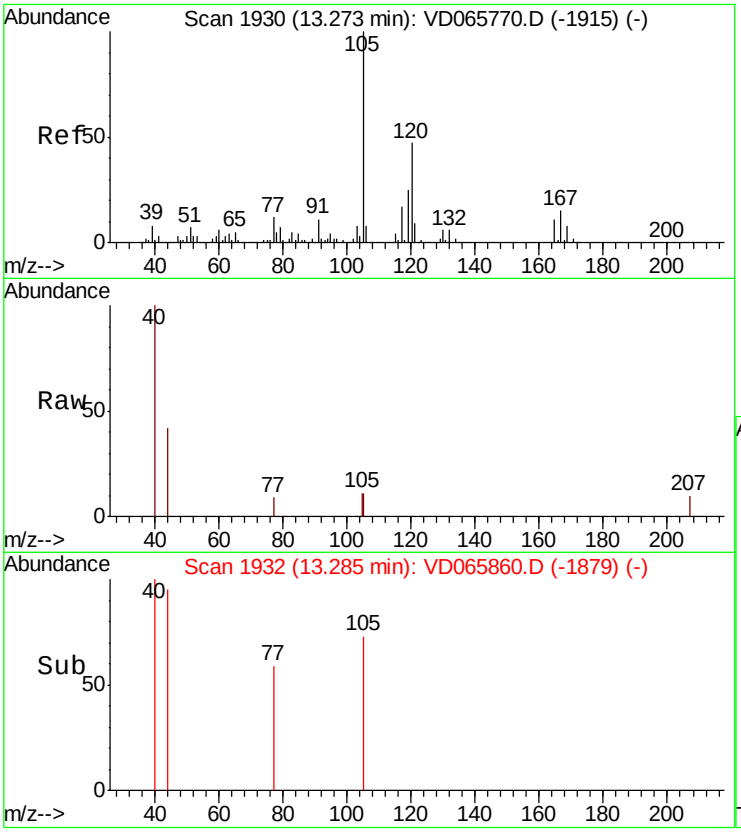


#81
trans-1,4-Dichloro-2-butene
Concen: 185.900 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion: 75 Resp: 4682

Ion	Ratio	Lower	Upper
75	100		
53	0.0	82.6	123.8#
89	0.0	35.9	53.9#



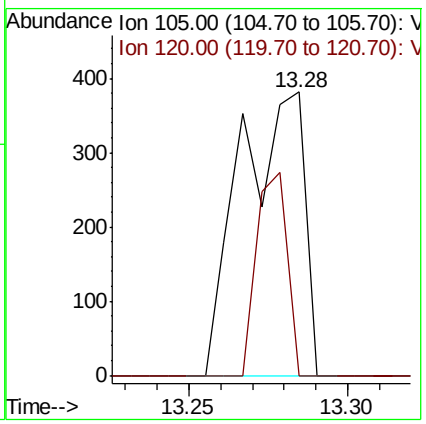


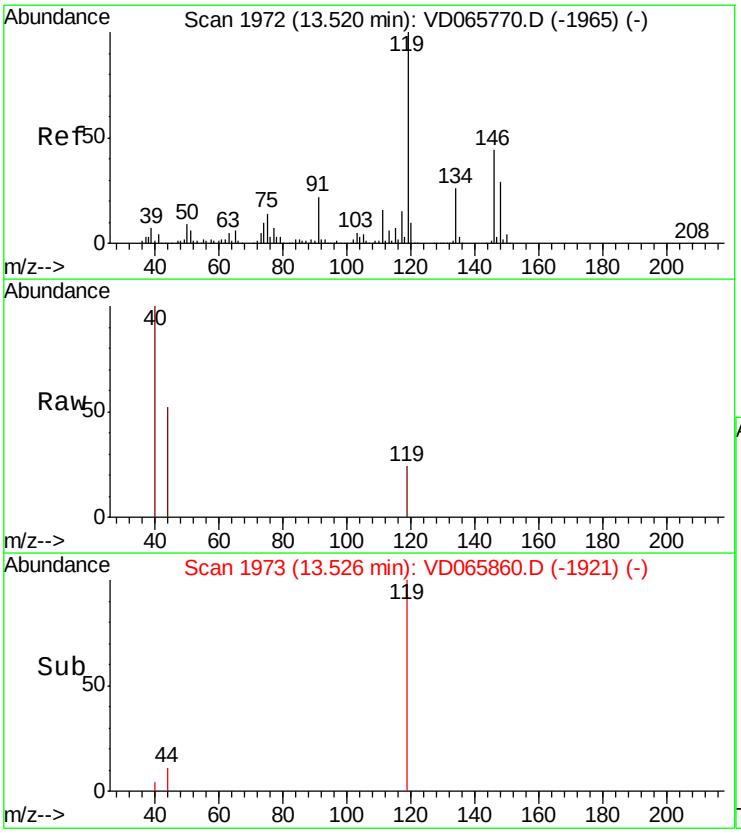
#84
1,2,4-Trimethylbenzene
Concen: 1.359 ug/l
RT: 13.28 min Scan# 1932
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion:105 Resp: 531

Ion	Ratio	Lower	Upper
105	100		
120	34.7	23.3	69.8

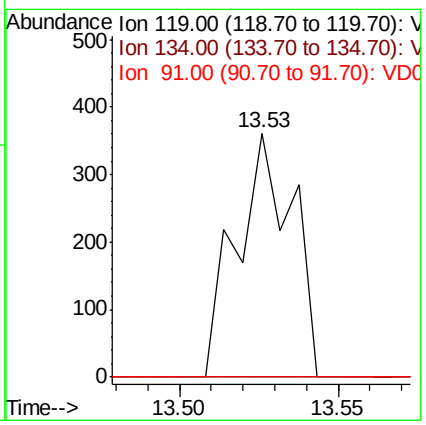


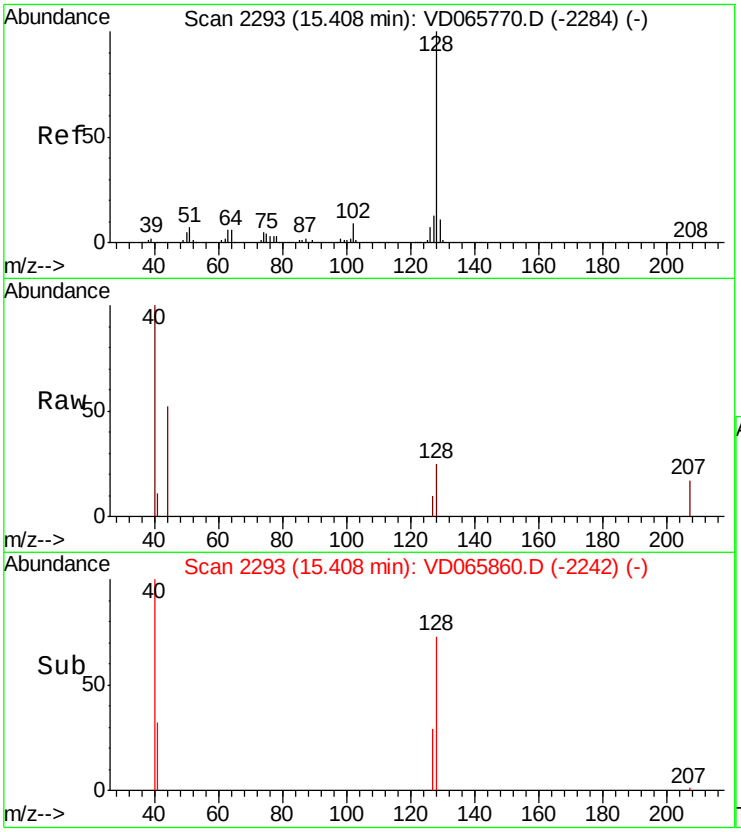


#86
p-Isopropyltoluene
Concen: 1.021 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Tgt Ion:119 Resp: 441

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.3	39.9#
91	0.0	11.8	35.4#





#95
Naphthalene
Concen: 1.904 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD065860.D
Acq: 23 Jun 2020 15:15

Instrument :
MSVOA_D
ClientSampleId :
SB-14

Tgt Ion:128 Resp: 413

Ion	Ratio	Lower	Upper
128	100		
127	29.1	10.7	16.1#
129	0.0	8.6	12.8#