Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
Data File : VD065416.D
Acq On : 04 Mar 2020 17:46
Operator : VA/SY
Sample : VD0304SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 05 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.98	168	474819	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	715441	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	643714	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316191	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.34	65	210327	51.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.28%				
35) Dibromofluoromethane	7.92	113	223296	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
50) Toluene-d8	10.34	98	872485	51.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.80%				
62) 4-Bromofluorobenzene	12.64	95	277496	52.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	94130	23.067	ug/l		98
3) Chloromethane	2.21	50	102964	20.899	ug/l		98
4) Vinyl Chloride	2.35	62	104581	21.521	ug/l		98
5) Bromomethane	2.76	94	67522	22.130	ug/l		97
6) Chloroethane	2.92	64	61990	20.828	ug/l		100
7) Trichlorofluoromethane	3.27	101	151909	21.215	ug/l		99
8) Diethyl Ether	3.70	74	43726	20.535	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	95231	20.650	ug/l		100
10) Methyl Iodide	4.29	142	101458	21.177	ug/l		98
11) Tert butyl alcohol	5.24	59	28748	123.052	ug/l		99
12) 1,1-Dichloroethene	4.06	96	93681	21.215	ug/l		97
13) Acrolein	3.92	56	40358	100.165	ug/l		98
14) Allyl chloride	4.71	41	140559	20.721	ug/l		99
15) Acrylonitrile	5.43	53	95688	103.294	ug/l		99
16) Acetone	4.16	43	80197	97.359	ug/l		94
17) Carbon Disulfide	4.40	76	309258	21.030	ug/l		99
18) Methyl Acetate	4.73	43	43058	20.607	ug/l		98
19) Methyl tert-butyl Ether	5.48	73	180469	21.252	ug/l		96
20) Methylene Chloride	4.96	84	106208	21.793	ug/l		96
21) trans-1,2-Dichloroethene	5.47	96	102873	20.942	ug/l		96
22) Diisopropyl ether	6.37	45	276062	21.892	ug/l		95
23) Vinyl Acetate	6.31	43	744627	106.347	ug/l		100
24) 1,1-Dichloroethane	6.27	63	173712	21.477	ug/l		98
25) 2-Butanone	7.23	43	115164	102.450	ug/l	#	88
26) 2,2-Dichloropropane	7.20	77	145612	20.601	ug/l		99
27) cis-1,2-Dichloroethene	7.21	96	107123	21.335	ug/l		98
28) Bromochloromethane	7.55	49	70667	21.837	ug/l		99
29) Tetrahydrofuran	7.57	42	74420	103.669	ug/l		99
30) Chloroform	7.71	83	173988	21.521	ug/l		98
31) Cyclohexane	7.98	56	168145	20.790	ug/l		97
32) 1,1,1-Trichloroethane	7.90	97	155094	20.759	ug/l		98
36) 1,1-Dichloropropene	8.11	75	140479	20.484	ug/l		99
37) Ethyl Acetate	7.31	43	51621	19.474	ug/l		99
38) Carbon Tetrachloride	8.10	117	142798	20.080	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
Data File : VD065416.D
Acq On : 04 Mar 2020 17:46
Operator : VA/SY
Sample : VD0304SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 05 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.36	83	164029	19.803 ug/l	93
40) Benzene	8.35	78	394095	20.553 ug/l	99
41) Methacrylonitrile	7.54	41	33843	24.142 ug/l #	77
42) 1,2-Dichloroethane	8.43	62	106606	21.291 ug/l	99
43) Isopropyl Acetate	8.46	43	96691	19.756 ug/l	97
44) Trichloroethene	9.11	130	110022	20.318 ug/l	100
45) 1,2-Dichloropropane	9.39	63	94855	20.422 ug/l	95
46) Dibromomethane	9.48	93	49847	20.690 ug/l	99
47) Bromodichloromethane	9.67	83	126739	20.221 ug/l	100
48) Methyl methacrylate	9.46	41	45424	19.730 ug/l	97
49) 1,4-Dioxane	9.46	88	11606	421.146 ug/l #	94
51) 4-Methyl-2-Pentanone	10.24	43	254247	103.229 ug/l	98
52) Toluene	10.41	92	255283	21.134 ug/l	99
53) t-1,3-Dichloropropene	10.63	75	119712	20.438 ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	147218	20.765 ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	70876	20.771 ug/l	99
56) Ethyl methacrylate	10.67	69	79240	20.599 ug/l	97
57) 1,3-Dichloropropane	10.95	76	119091	20.627 ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	145739	122.340 ug/l	100
59) 2-Hexanone	10.99	43	172061	100.918 ug/l	99
60) Dibromochloromethane	11.14	129	91326	20.879 ug/l	98
61) 1,2-Dibromoethane	11.25	107	69103	21.231 ug/l	95
64) Tetrachloroethene	10.88	164	94256	20.434 ug/l	94
65) Chlorobenzene	11.68	112	266417	20.914 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	97223	20.956 ug/l	98
67) Ethyl Benzene	11.75	91	455673	20.703 ug/l	98
68) m/p-Xylenes	11.86	106	356123	41.961 ug/l	98
69) o-Xylene	12.18	106	157115	21.046 ug/l	99
70) Styrene	12.20	104	279597	21.280 ug/l	100
71) Bromoform	12.37	173	54175	20.789 ug/l #	99
73) Isopropylbenzene	12.49	105	430805	20.714 ug/l	99
74) N-amyl acetate	12.30	43	86775	20.381 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	74185	20.293 ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	95335	38.210 ug/l #	100
77) Bromobenzene	12.77	156	107806	20.864 ug/l	98
78) n-propylbenzene	12.83	91	523914	21.232 ug/l	99
79) 2-Chlorotoluene	12.91	91	293468	21.102 ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	363127	21.238 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23608	19.968 ug/l	93
82) 4-Chlorotoluene	13.01	91	308244	21.092 ug/l	99
83) tert-Butylbenzene	13.23	119	291066	20.122 ug/l	98
84) 1,2,4-Trimethylbenzene	13.28	105	357682	21.223 ug/l	100
85) sec-Butylbenzene	13.41	105	423334	20.503 ug/l	98
86) p-Isopropyltoluene	13.53	119	391499	20.779 ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	203364	20.471 ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	206500	20.897 ug/l	99
89) n-Butylbenzene	13.85	91	355988	20.438 ug/l	99
90) Hexachloroethane	14.12	117	79853	20.581 ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	176238	20.847 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.53	75	10730	19.273 ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030420\
Data File : VD065416.D
Acq On : 04 Mar 2020 17:46
Operator : VA/SY
Sample : VD0304SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 05 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

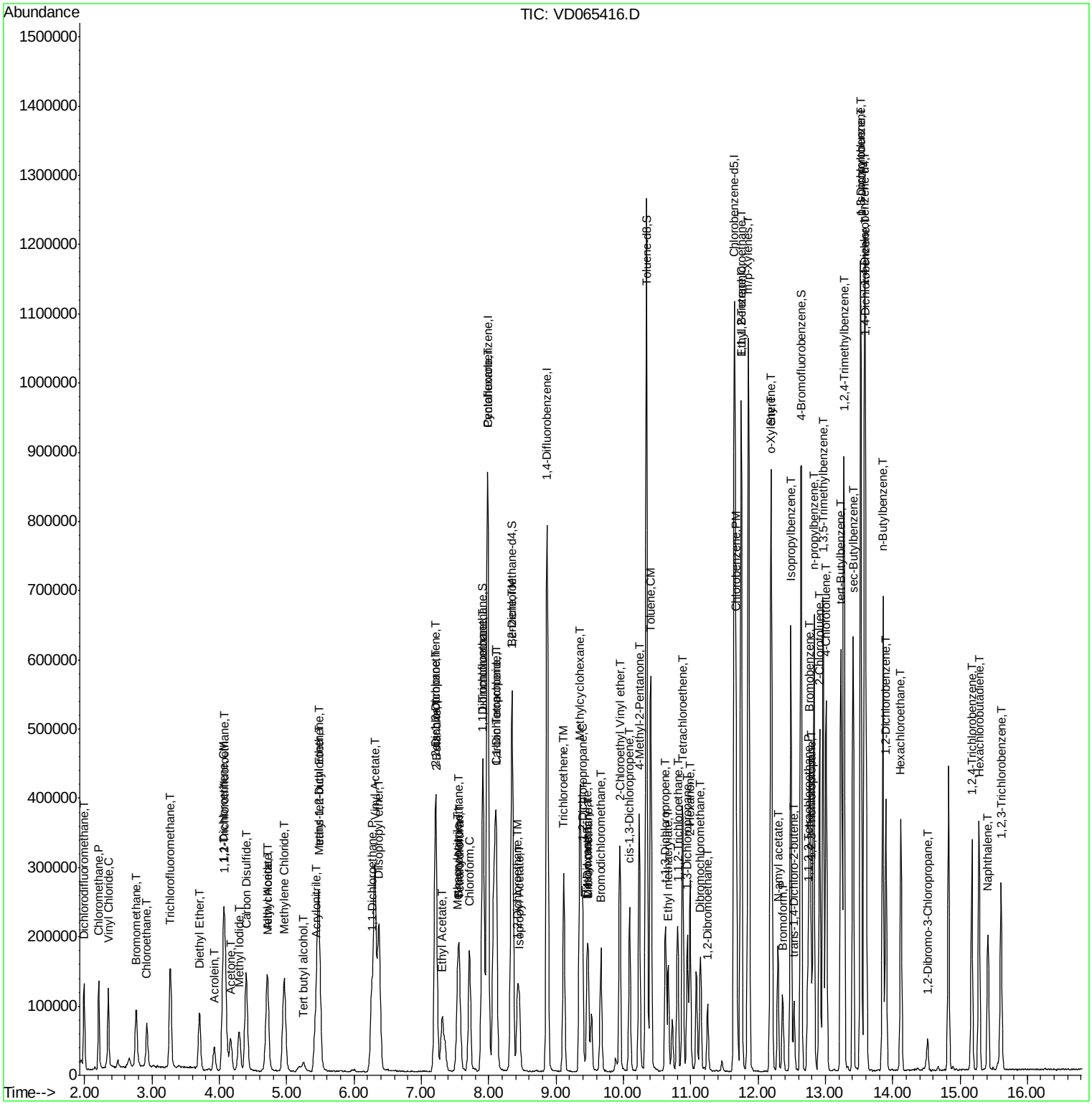
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	118837	20.740	ug/l	99
94) Hexachlorobutadiene	15.28	225	77492	20.583	ug/l	99
95) Naphthalene	15.41	128	181222	20.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	102526	20.707	ug/l	100

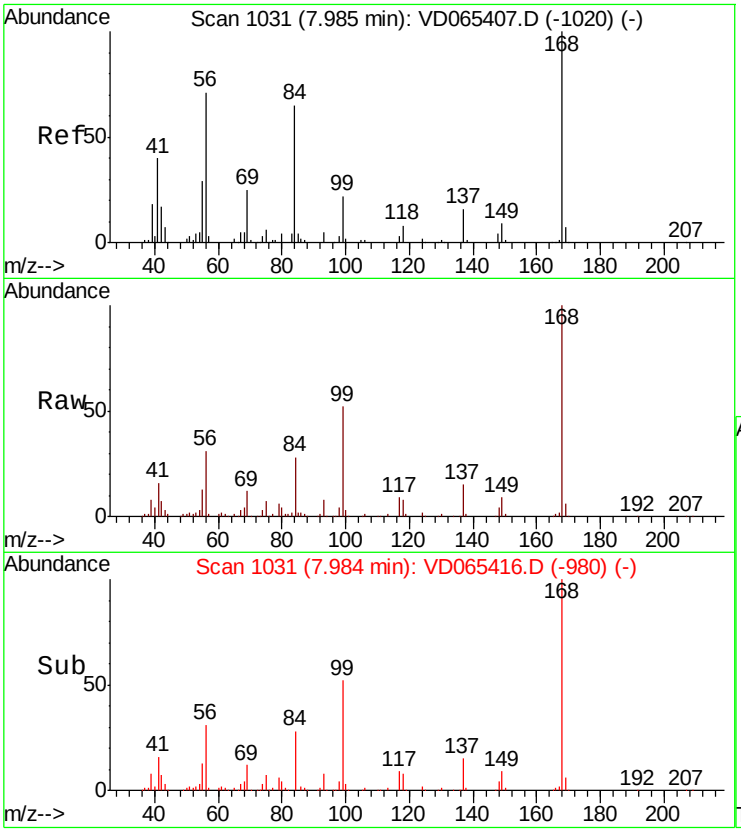
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030420\
Data File : VD065416.D
Acq On : 04 Mar 2020 17:46
Operator : VA/SY
Sample : VD0304SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 05 01:28:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration



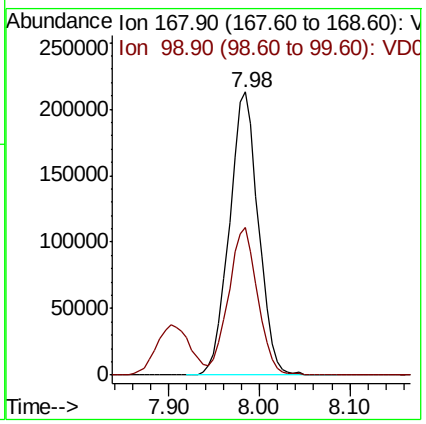


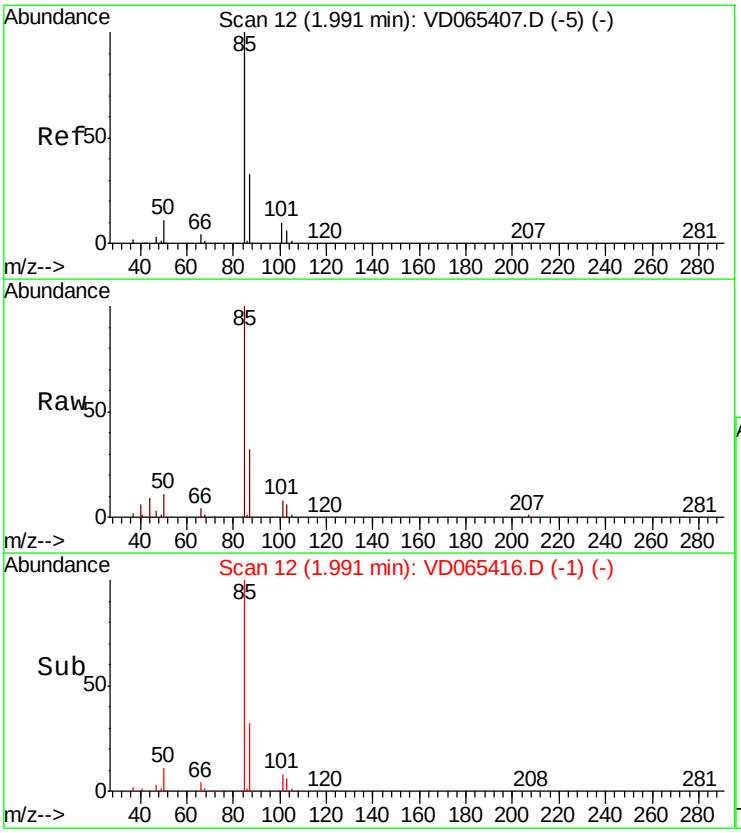
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 474819

Ion	Ratio	Lower	Upper
168	100		
99	52.0	41.5	62.3

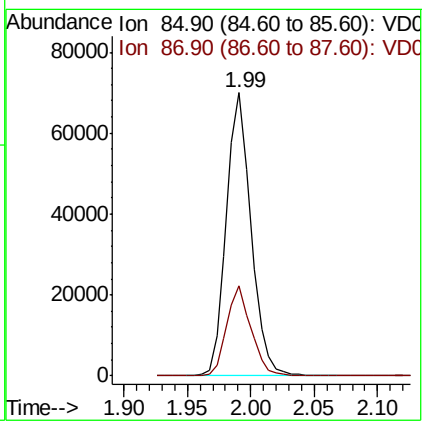


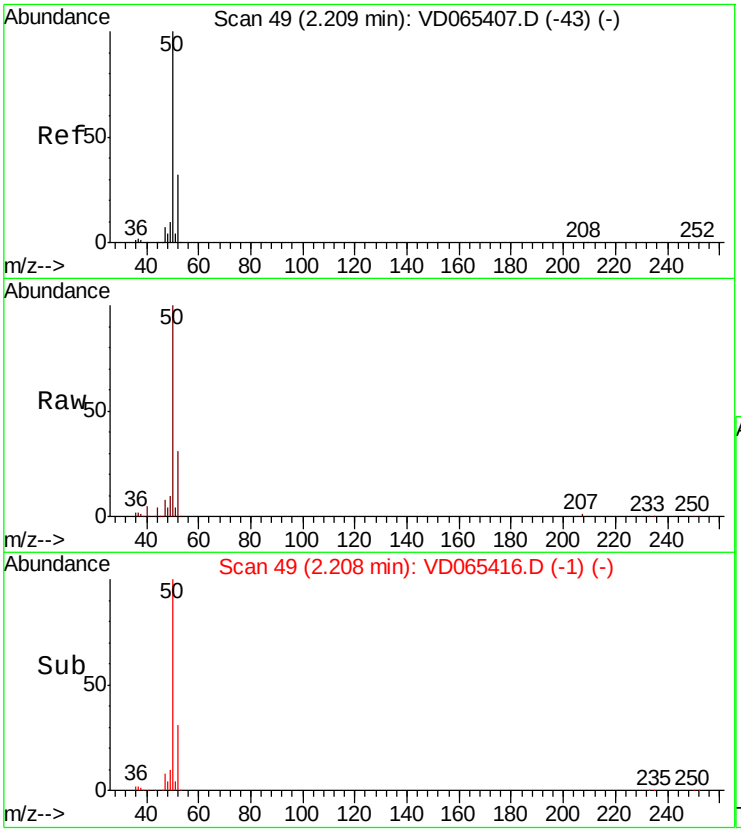


#2
Dichlorodifluoromethane
Concen: 23.067 ug/l
RT: 1.99 min Scan# 12
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 85 Resp: 94130

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.4	49.1



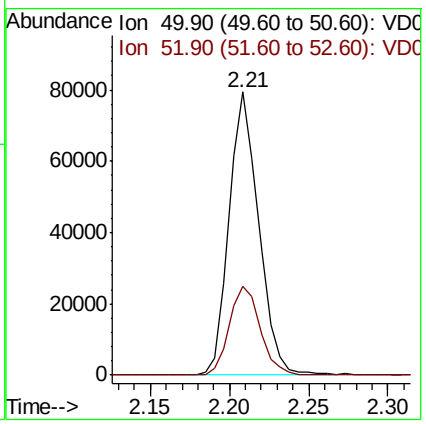


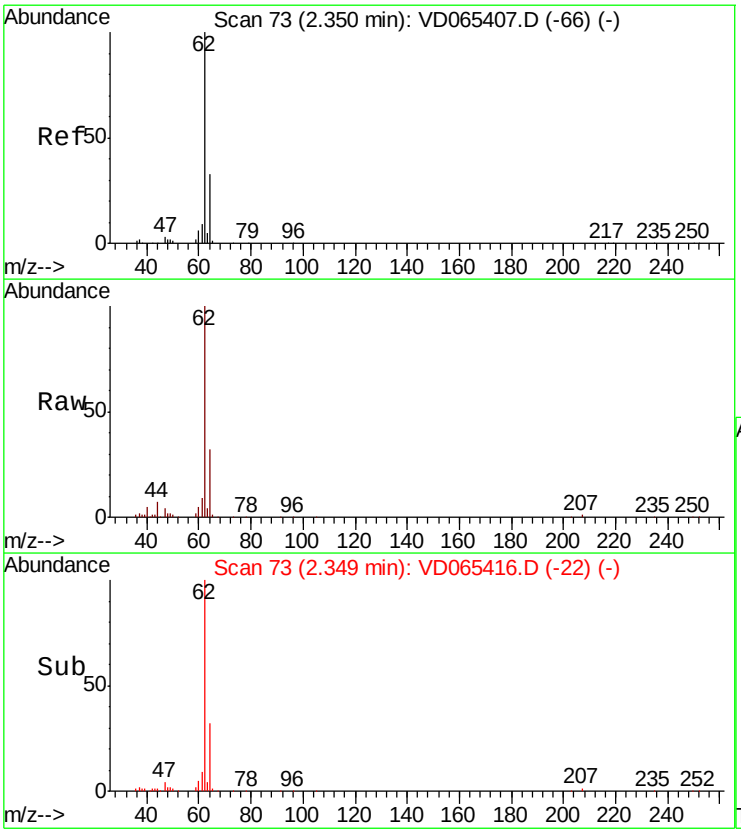
#3
Chloromethane
Concen: 20.899 ug/l
RT: 2.21 min Scan# 49
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 102964

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.8	38.8

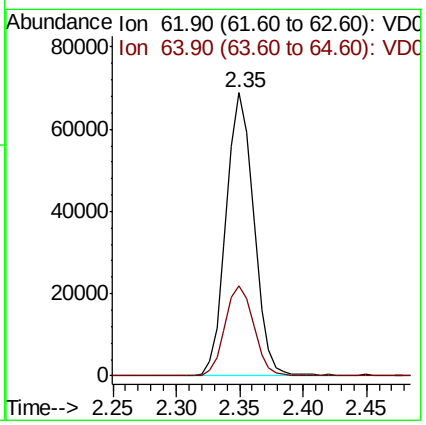


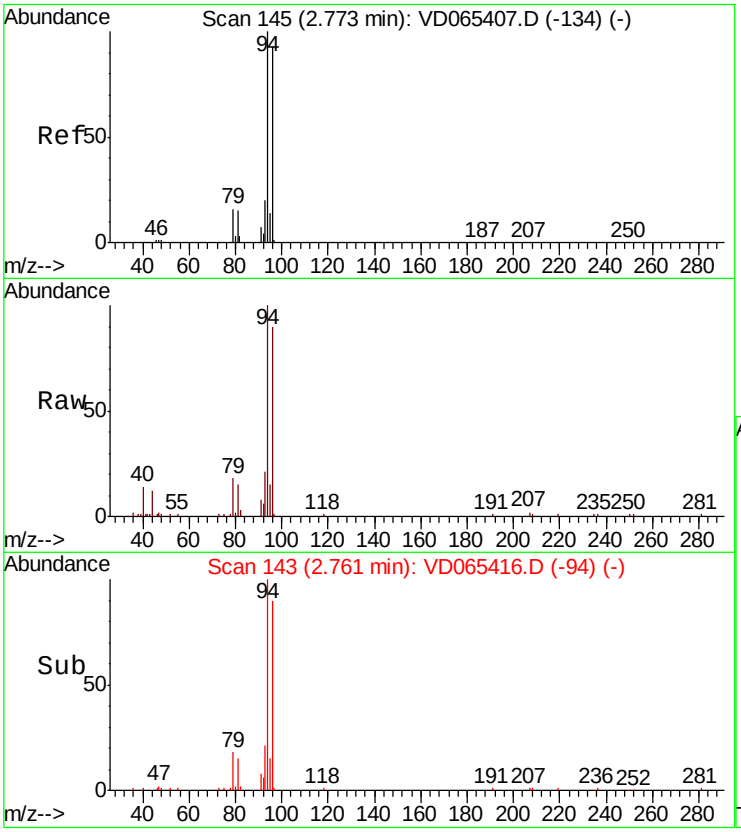


#4
Vinyl Chloride
Concen: 21.521 ug/l
RT: 2.35 min Scan# 73
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 62 Resp: 104581

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.6	39.8



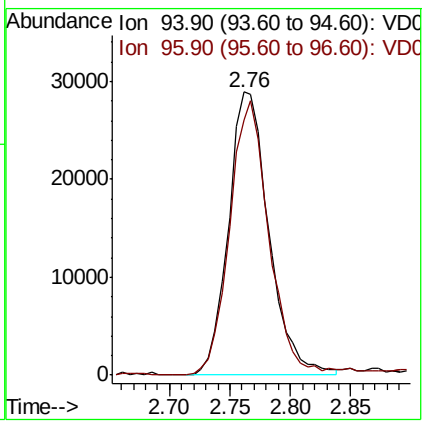


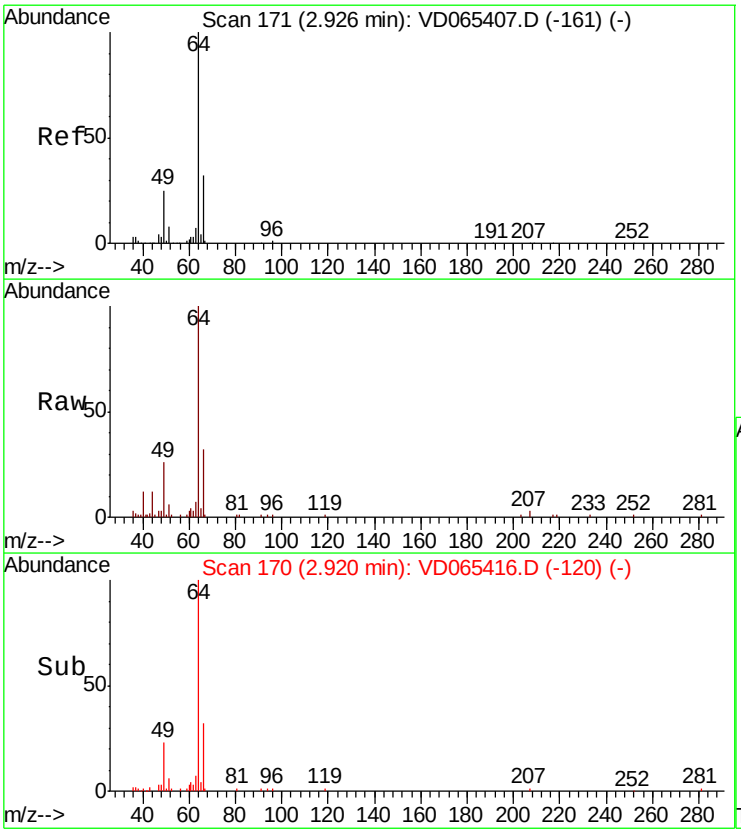
#5
Bromomethane
Concen: 22.130 ug/l
RT: 2.76 min Scan# 143
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 67522

Ion	Ratio	Lower	Upper
94	100		
96	90.3	74.4	111.6

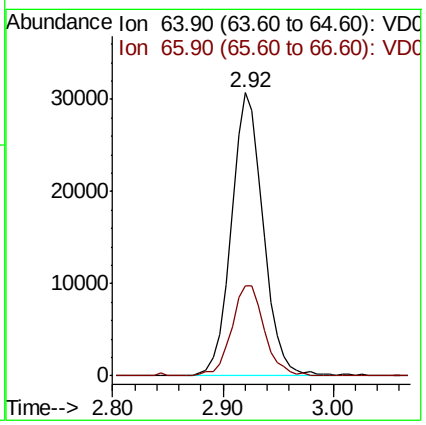


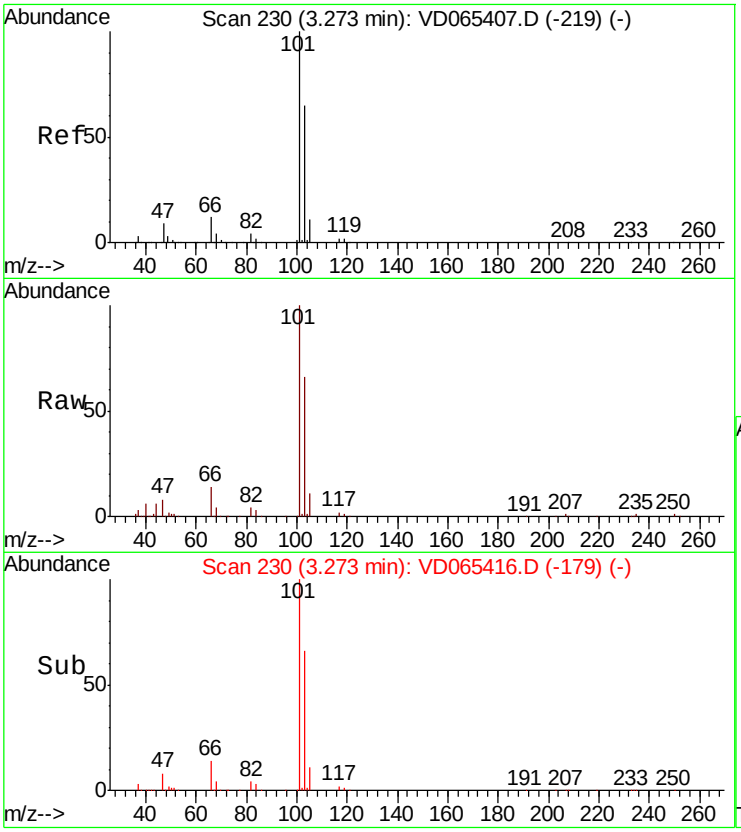


#6
Chloroethane
Concen: 20.828 ug/l
RT: 2.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 64 Resp: 61990

Ion	Ratio	Lower	Upper
64	100		
66	31.9	25.6	38.4



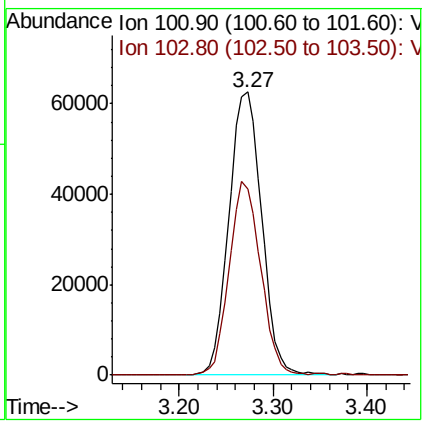


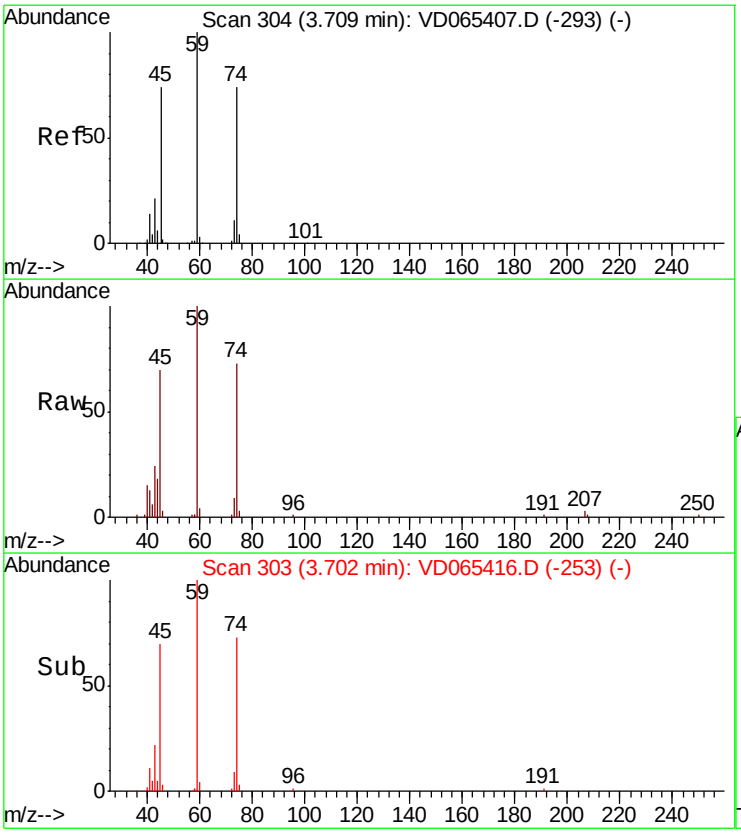
#7
Trichlorofluoromethane
Concen: 21.215 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 151909

Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.1	78.1

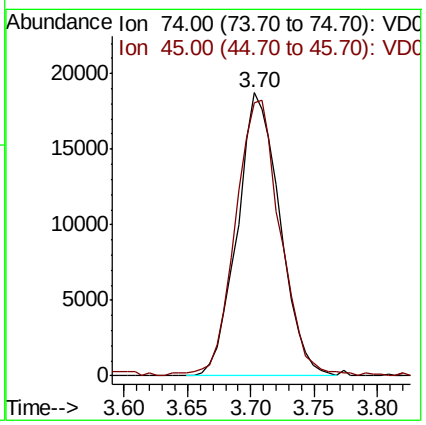


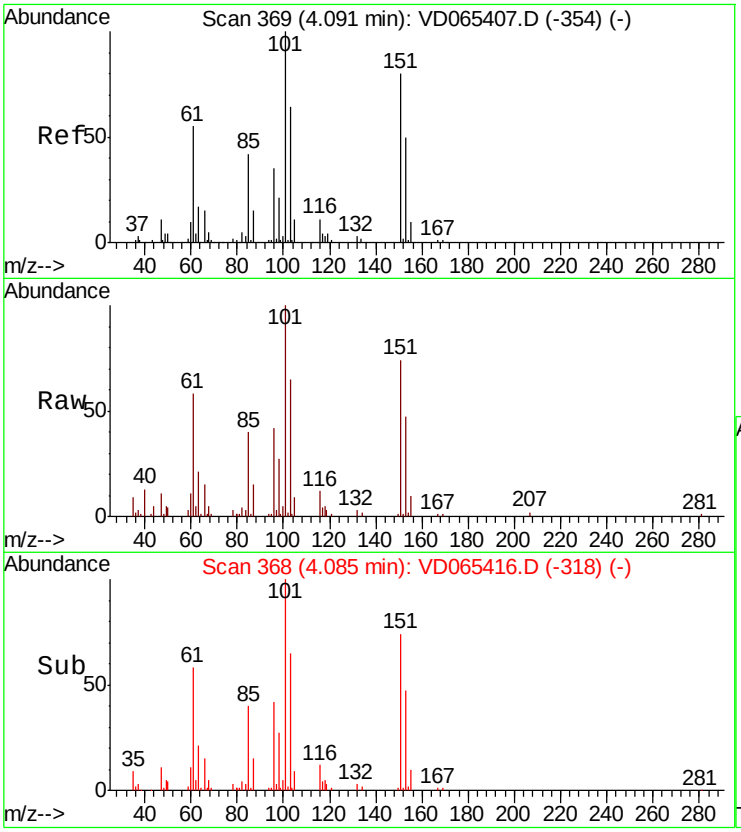


#8
Diethyl Ether
Concen: 20.535 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 74 Resp: 43726

Ion	Ratio	Lower	Upper
74	100		
45	102.9	49.5	148.5



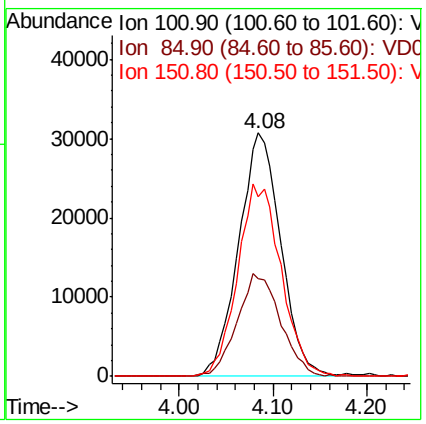


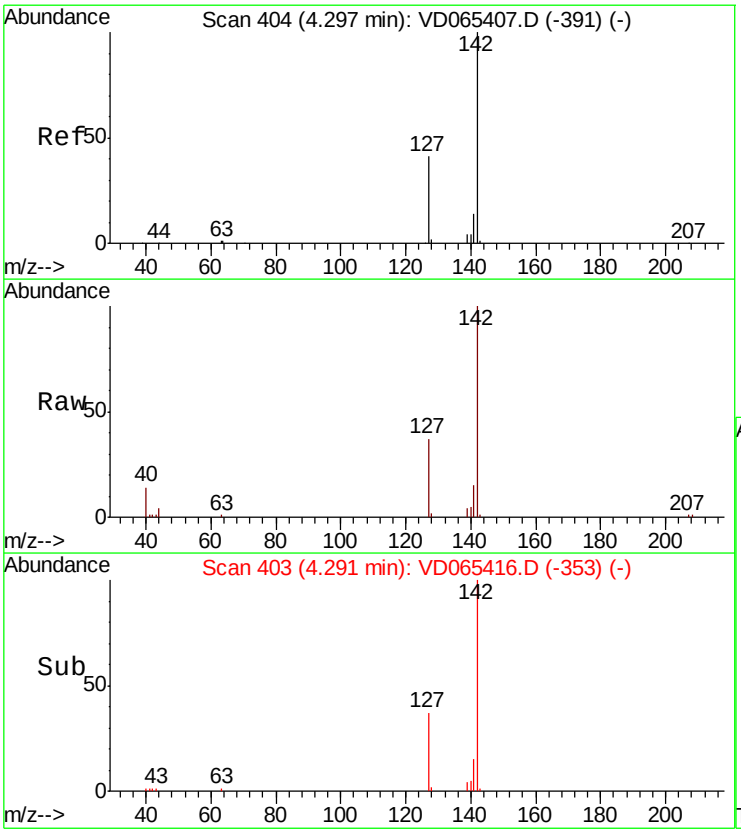
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.650 ug/l
RT: 4.08 min Scan# 368
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 95231

Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.2	51.2
151	81.7	65.1	97.7

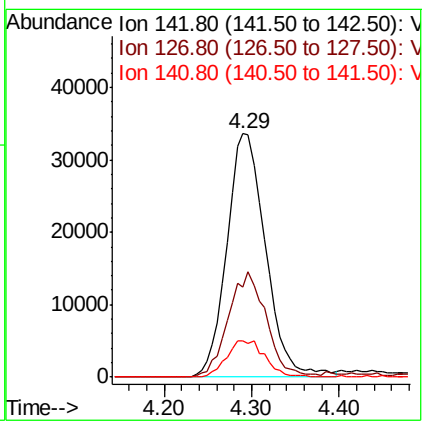


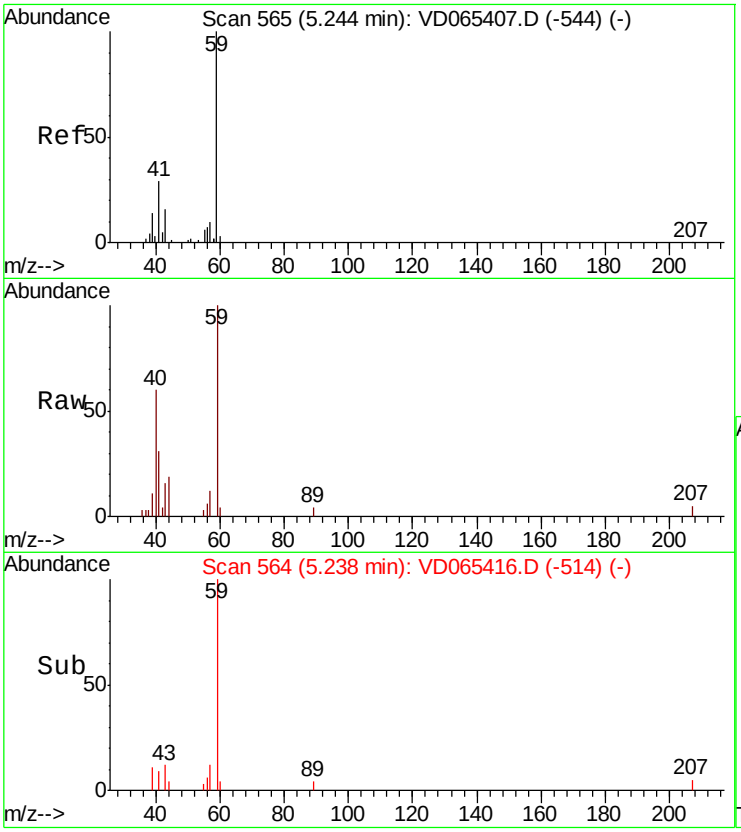


#10
Methyl Iodide
Concen: 21.177 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:142 Resp: 101458

Ion	Ratio	Lower	Upper
142	100		
127	42.2	35.0	52.6
141	14.7	12.4	18.6



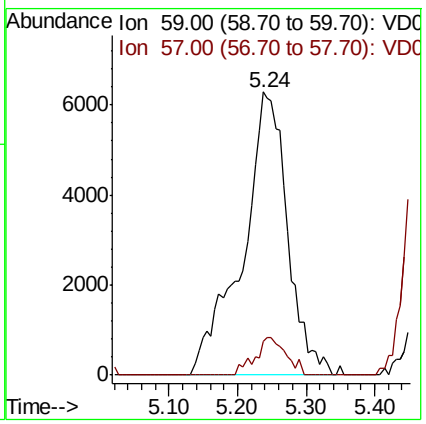


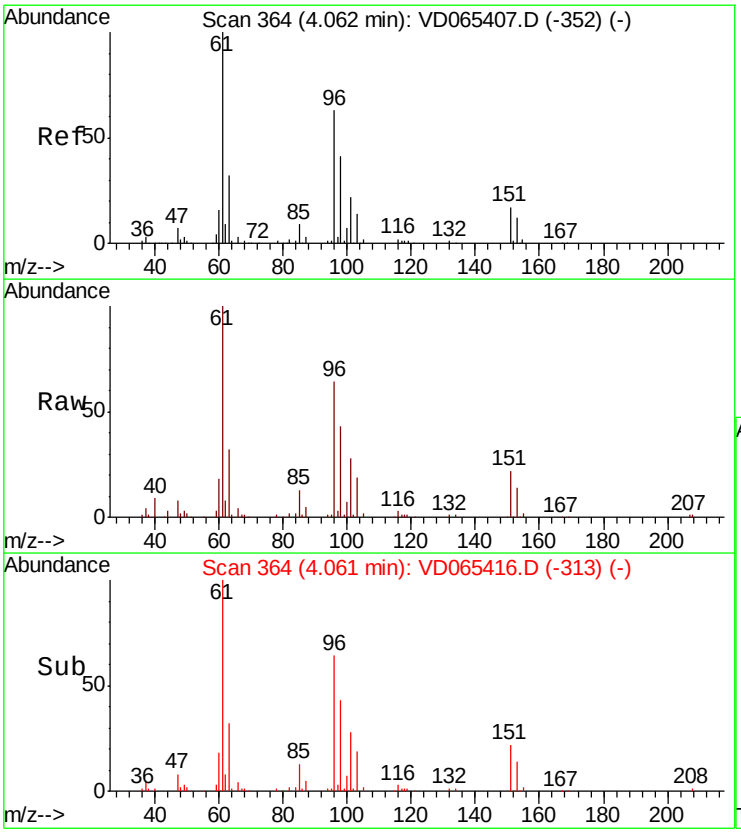
#11
Tert butyl alcohol
Concen: 123.052 ug/l
RT: 5.24 min Scan# 564
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 28748

Ion	Ratio	Lower	Upper
59	100		
57	9.1	6.9	10.3

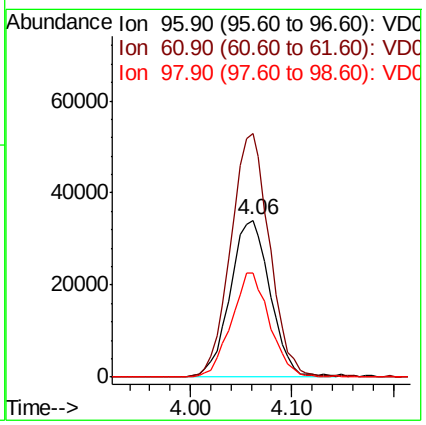


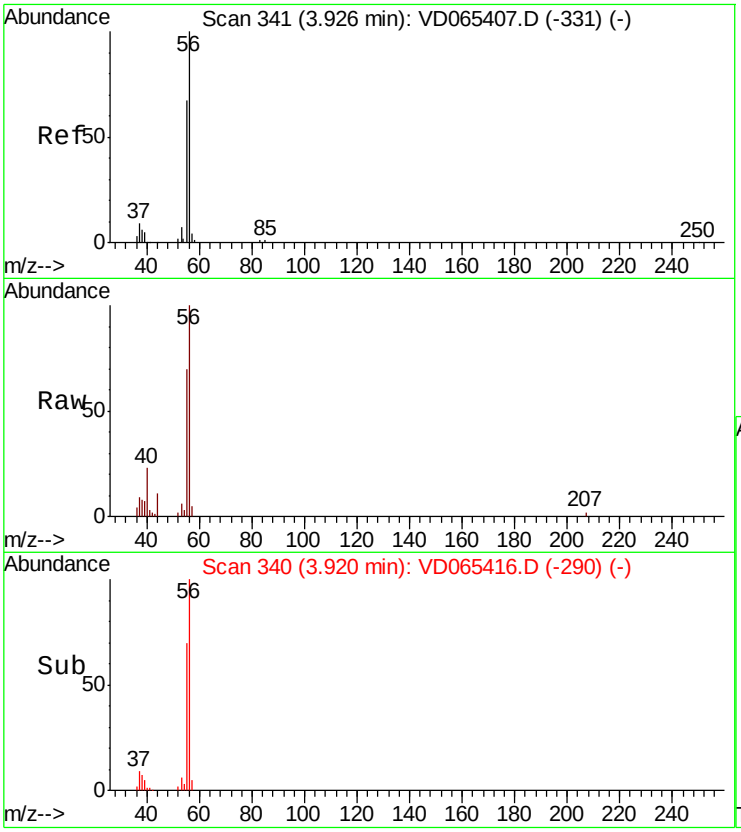


#12
1,1-Dichloroethene
Concen: 21.215 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 96 Resp: 93681

Ion	Ratio	Lower	Upper
96	100		
61	155.3	128.0	192.0
98	66.0	51.9	77.9



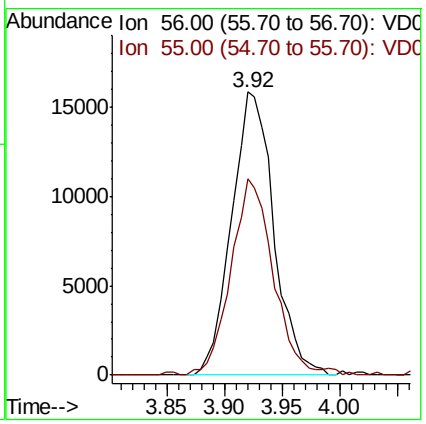


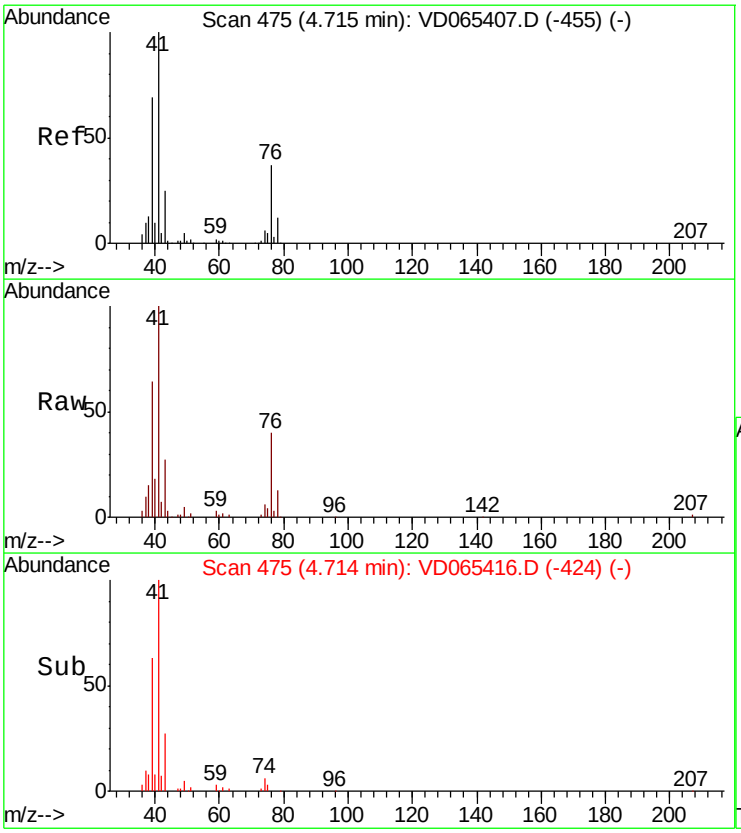
#13
Acrolein
Concen: 100.165 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 40358

Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.6	85.0

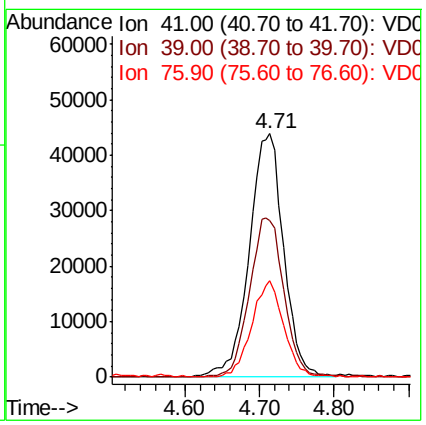


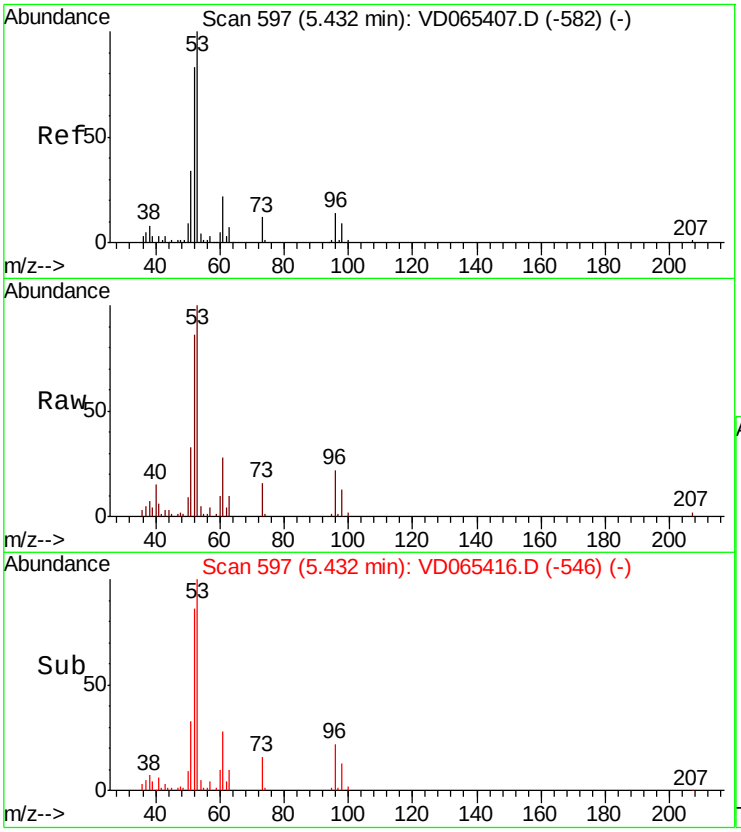


#14
Allyl chloride
Concen: 20.721 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 41 Resp: 140559

Ion	Ratio	Lower	Upper
41	100		
39	65.1	52.6	79.0
76	37.0	29.2	43.8



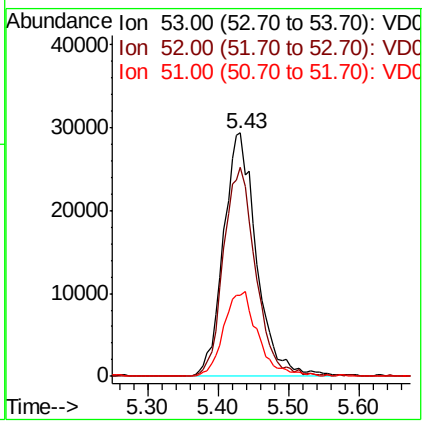


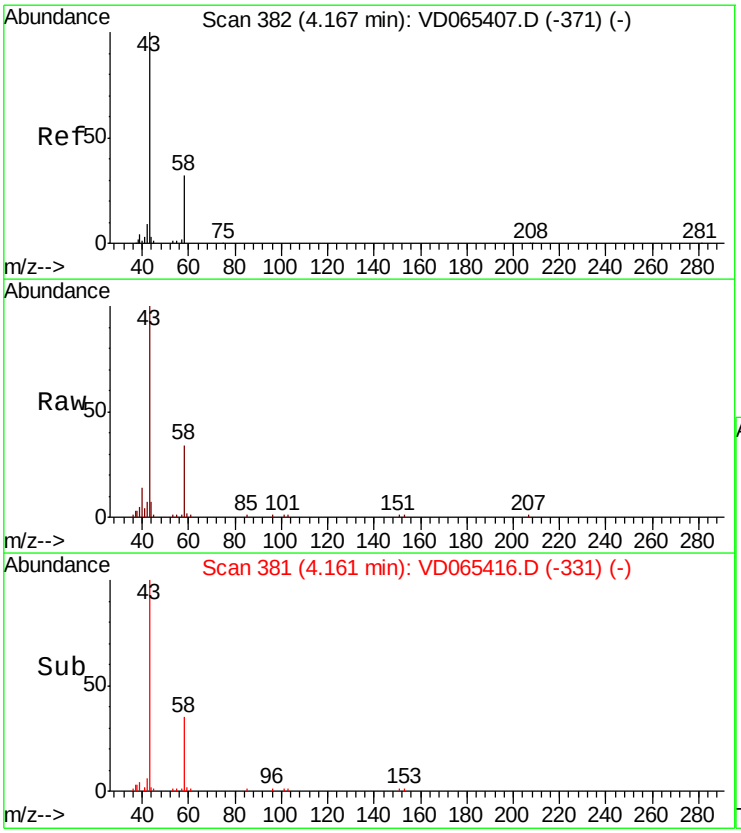
#15
Acrylonitrile
Concen: 103.294 ug/l
RT: 5.43 min Scan# 597
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 95688

Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.1	97.7
51	35.6	28.5	42.7

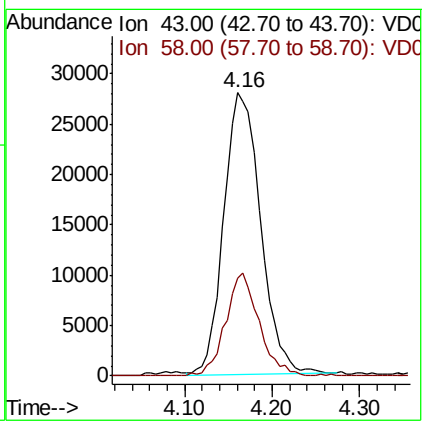


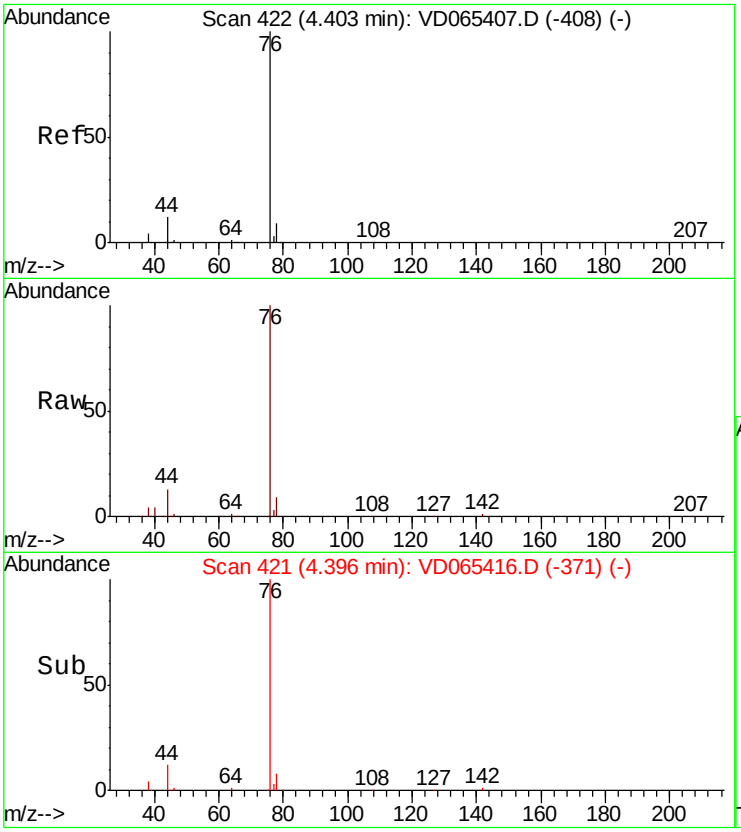


#16
Acetone
Concen: 97.359 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 43 Resp: 80197

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.1	37.7



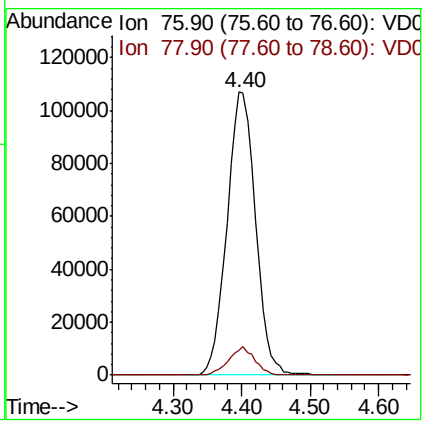


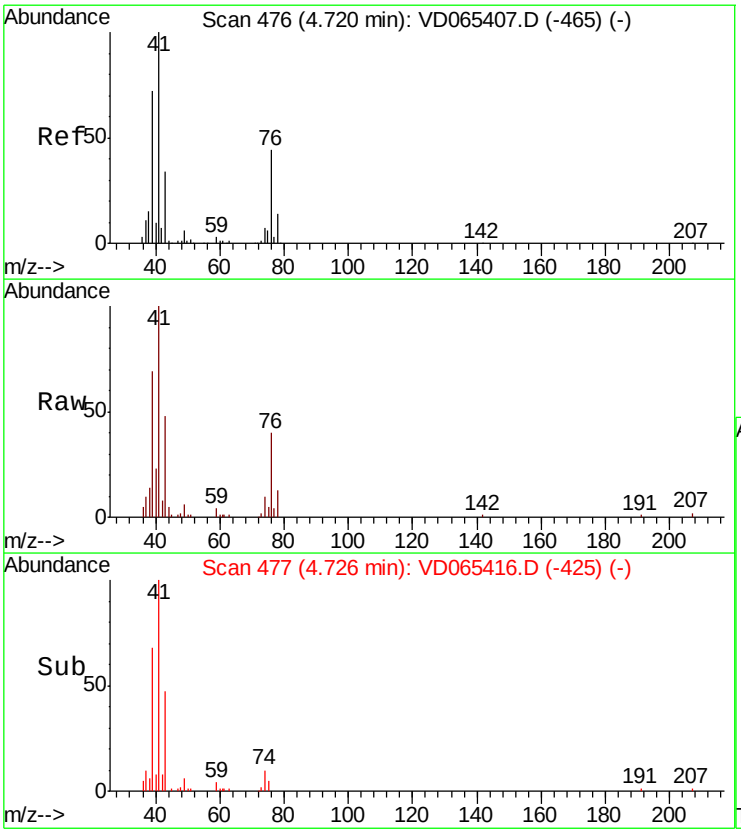
#17
Carbon Disulfide
Concen: 21.030 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 309258

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

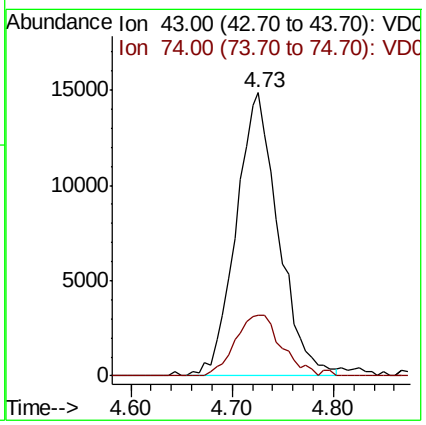


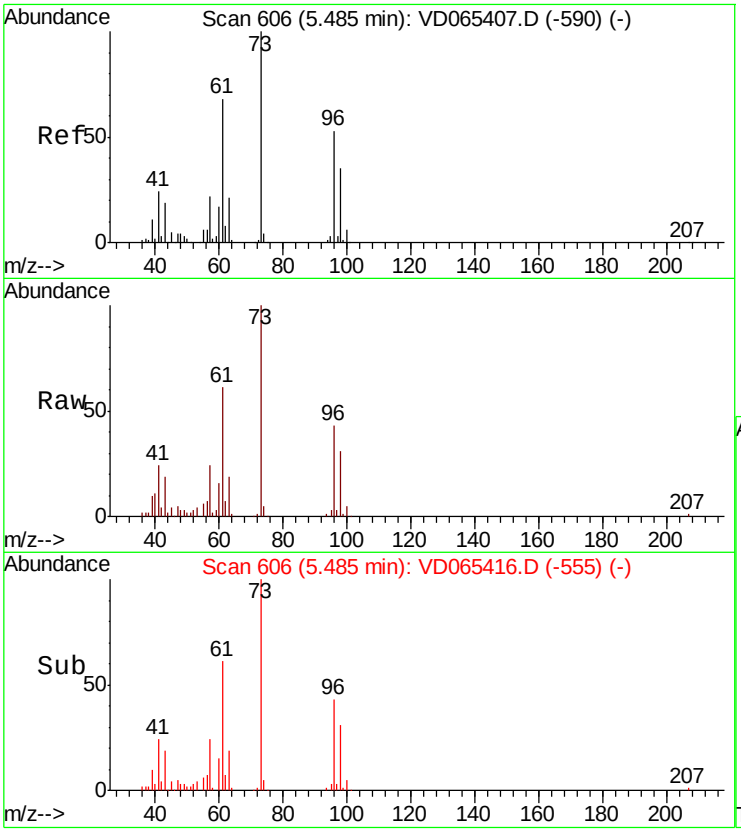


#18
Methyl Acetate
Concen: 20.607 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 43 Resp: 43058

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.6	29.4



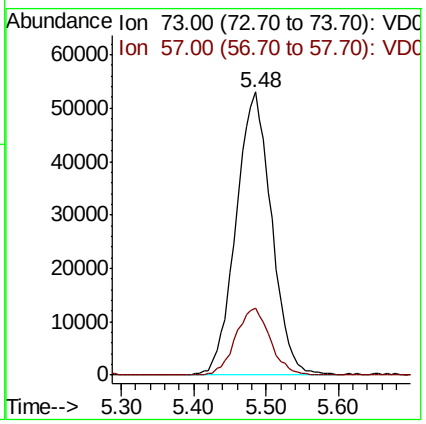


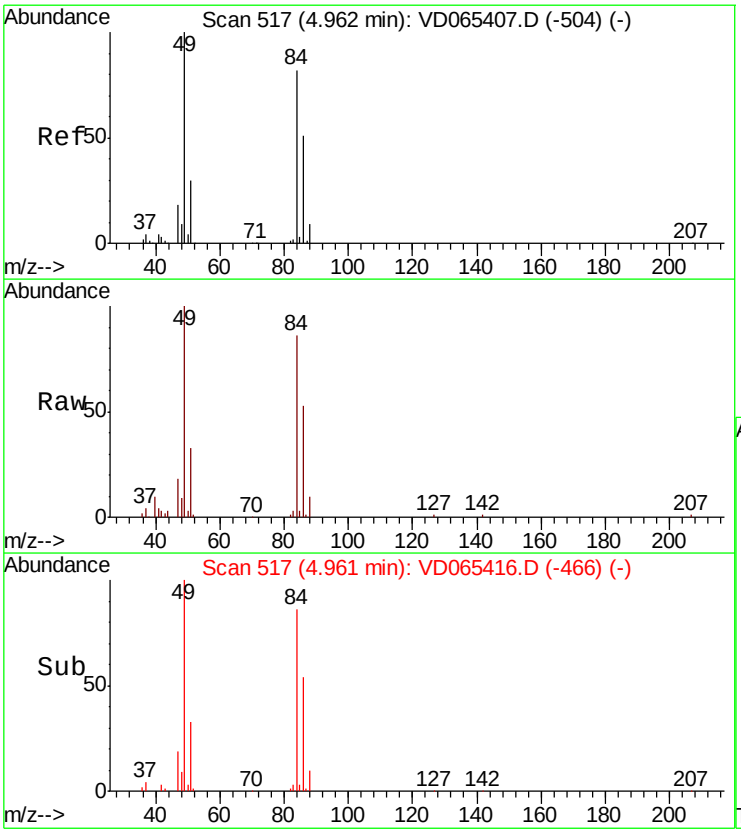
#19
Methyl tert-butyl Ether
Concen: 21.252 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 180469

Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.3	25.9

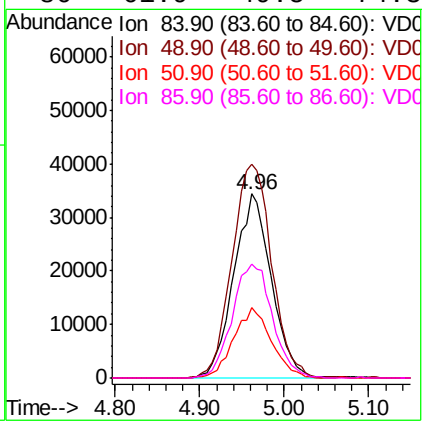


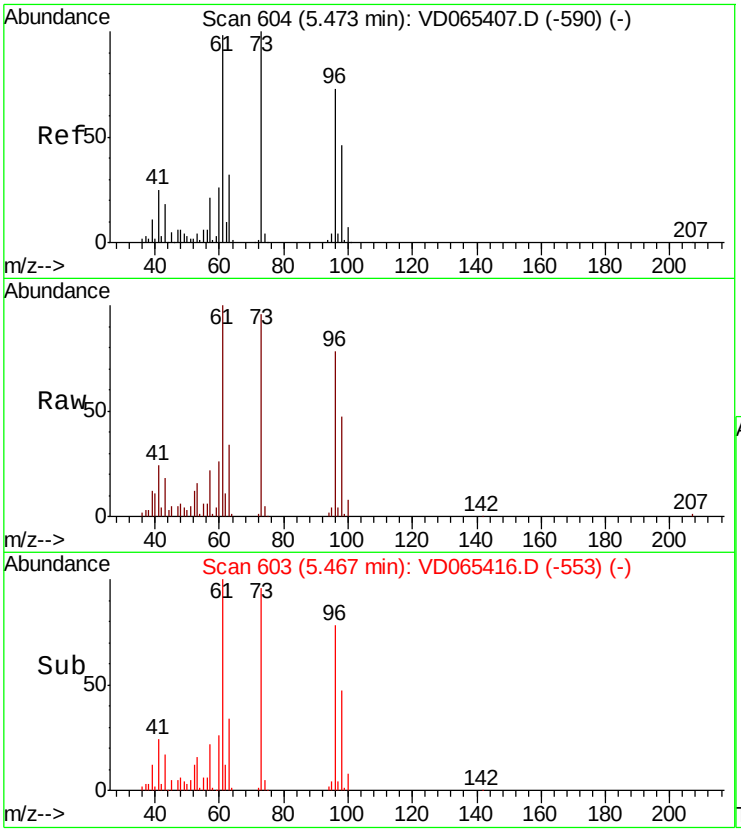


#20
Methylene Chloride
Concen: 21.793 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 84 Resp: 106208

Ion	Ratio	Lower	Upper
84	100		
49	116.2	97.7	146.5
51	38.4	28.8	43.2
86	61.9	49.5	74.3



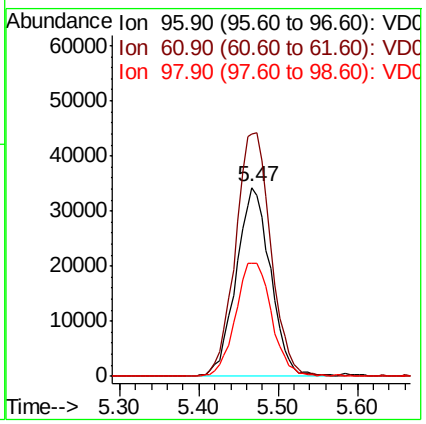


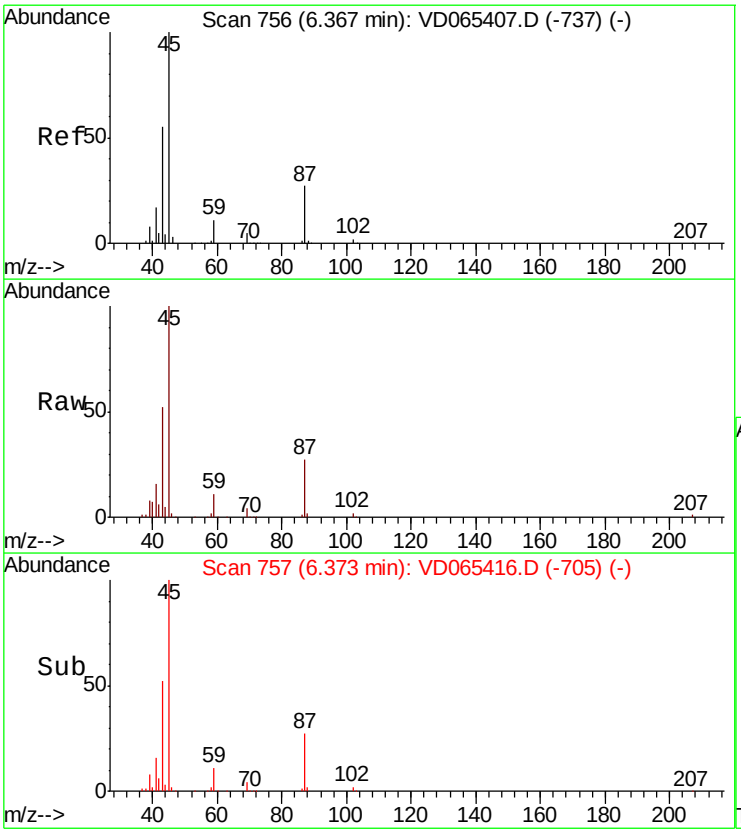
#21
trans-1,2-Dichloroethene
Concen: 20.942 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 102873

Ion	Ratio	Lower	Upper
96	100		
61	128.2	106.3	159.5
98	59.8	50.2	75.4

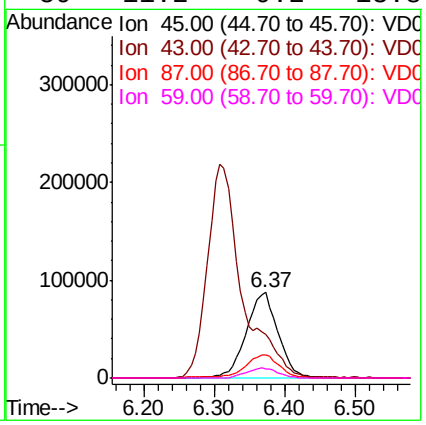


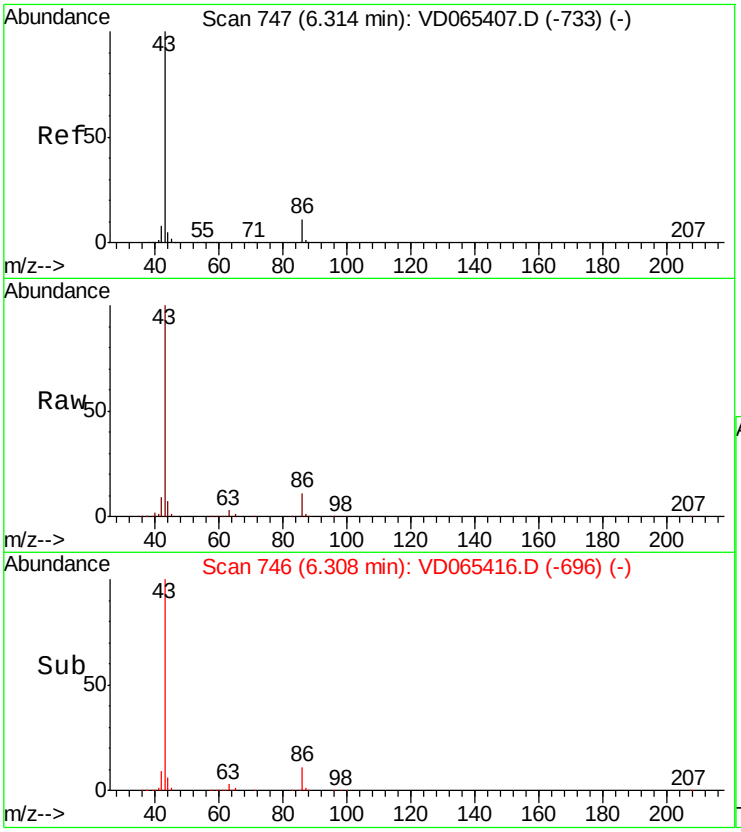


#22
Diisopropyl ether
Concen: 21.892 ug/l
RT: 6.37 min Scan# 757
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 45 Resp: 276062

Ion	Ratio	Lower	Upper
45	100		
43	50.4	44.4	66.6
87	26.8	21.9	32.9
59	11.2	9.2	13.8



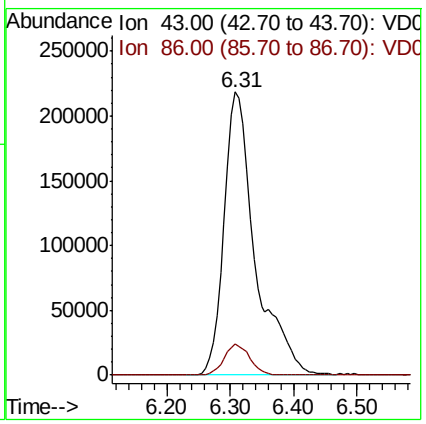


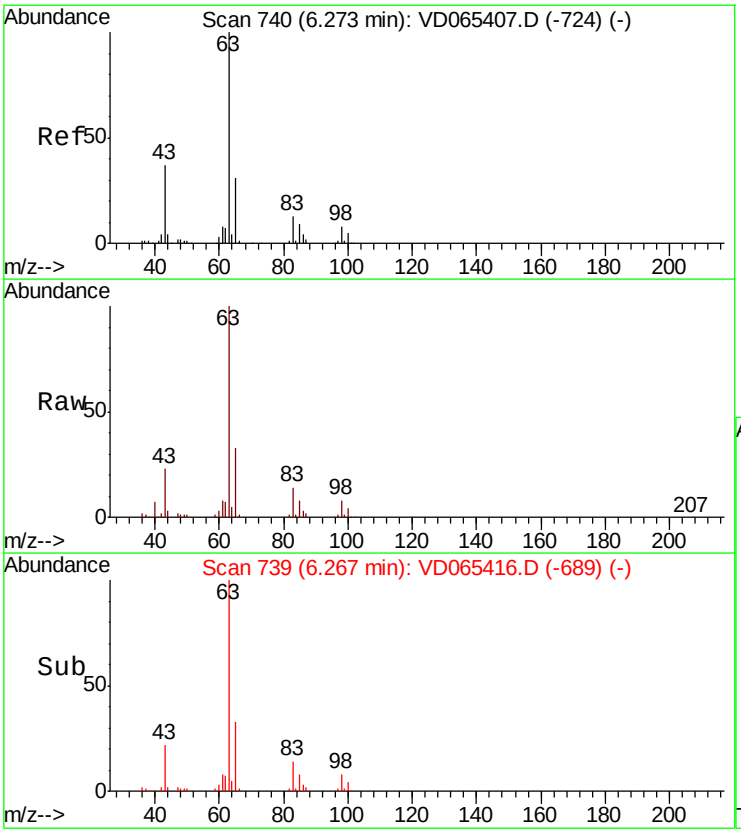
#23
Vinyl Acetate
Concen: 106.347 ug/l
RT: 6.31 min Scan# 746
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 744627

Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.9	13.3

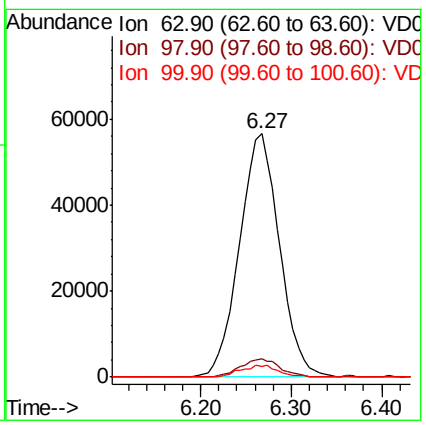


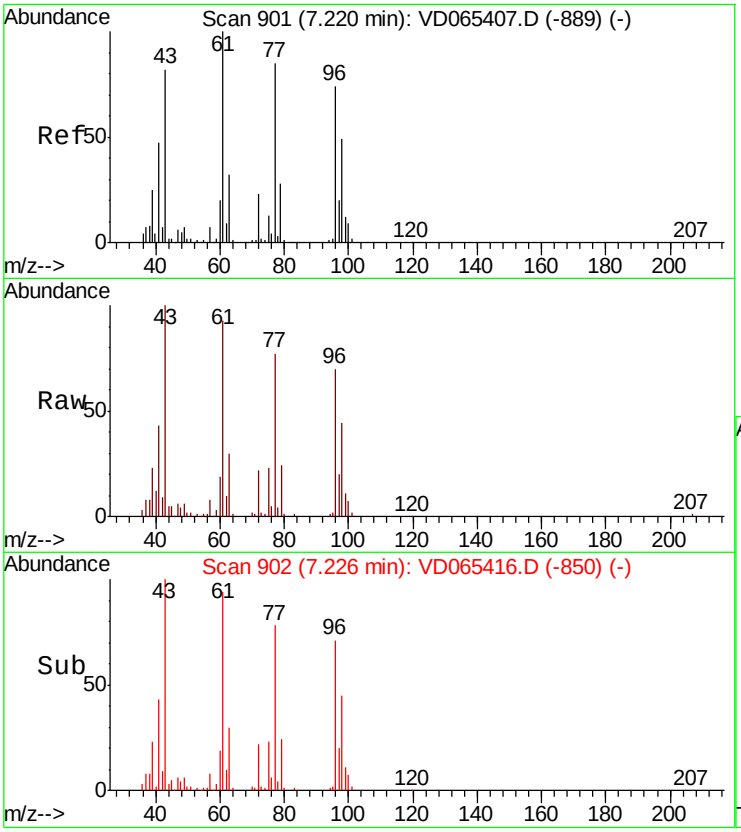


#24
1,1-Dichloroethane
Concen: 21.477 ug/l
RT: 6.27 min Scan# 739
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 63 Resp: 173712

Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.2	12.6
100	4.3	2.4	7.2



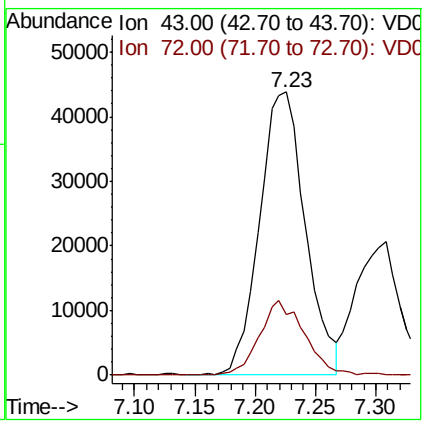


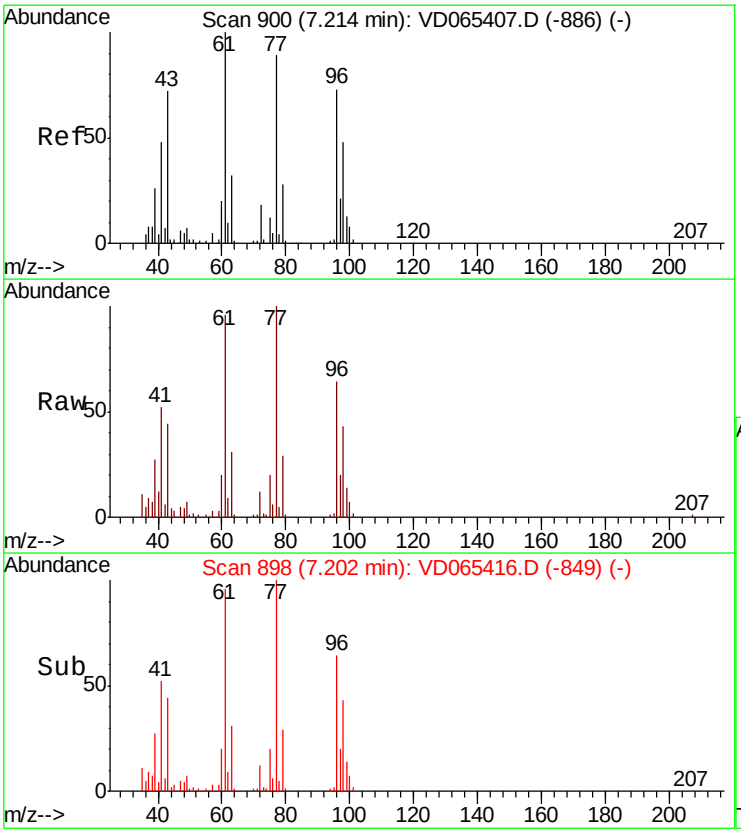
#25
2-Butanone
Concen: 102.450 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 115164

Ion	Ratio	Lower	Upper
43	100		
72	21.6	22.3	33.5#

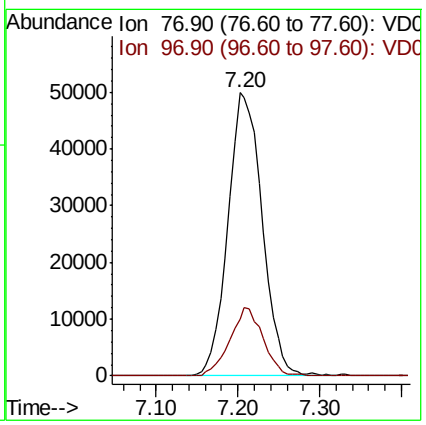


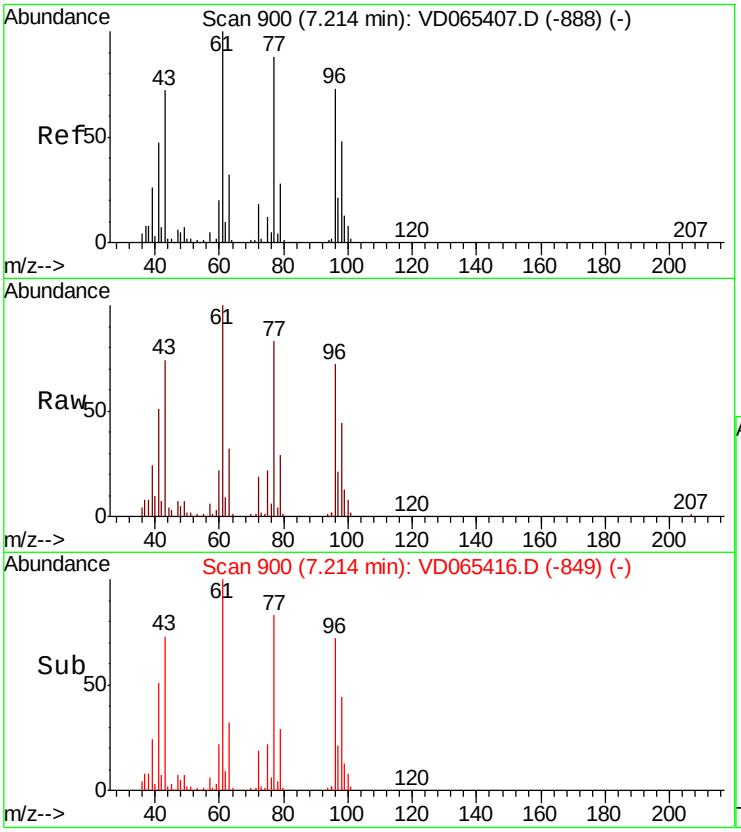


#26
2,2-Dichloropropane
Concen: 20.601 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 77 Resp: 145612

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.8	35.4



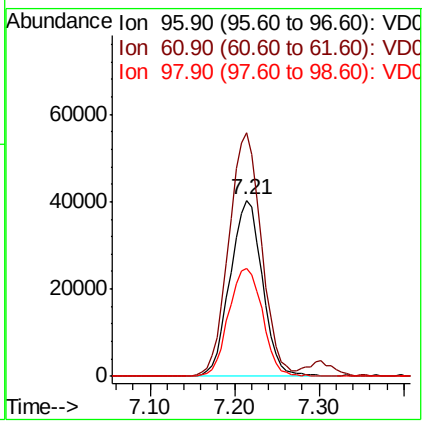


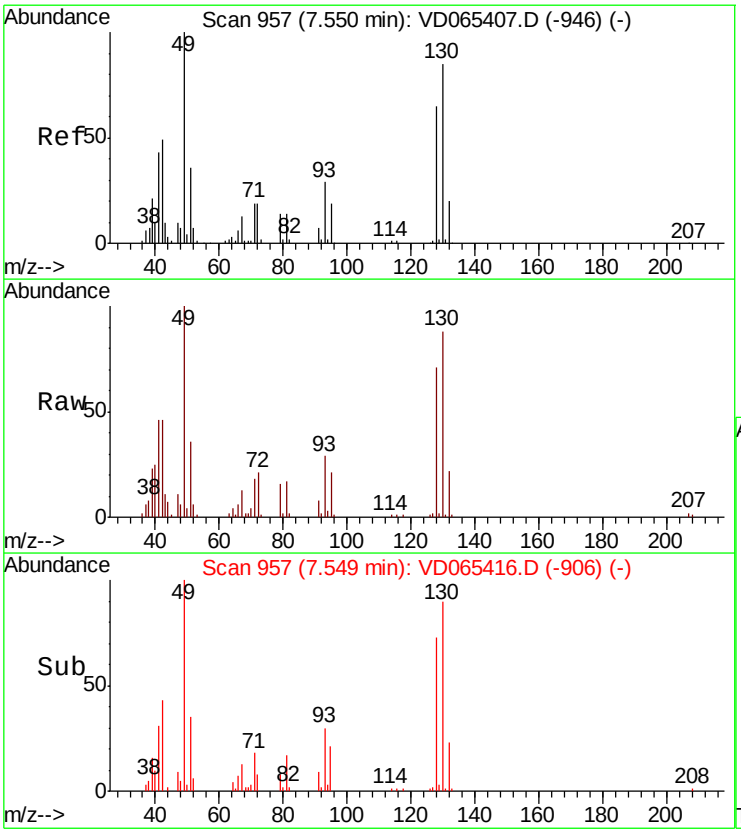
#27
cis-1,2-Dichloroethene
Concen: 21.335 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 107123

Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	280.4
98	63.7	0.0	132.6

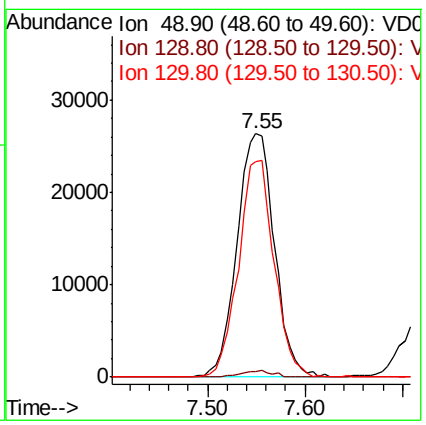


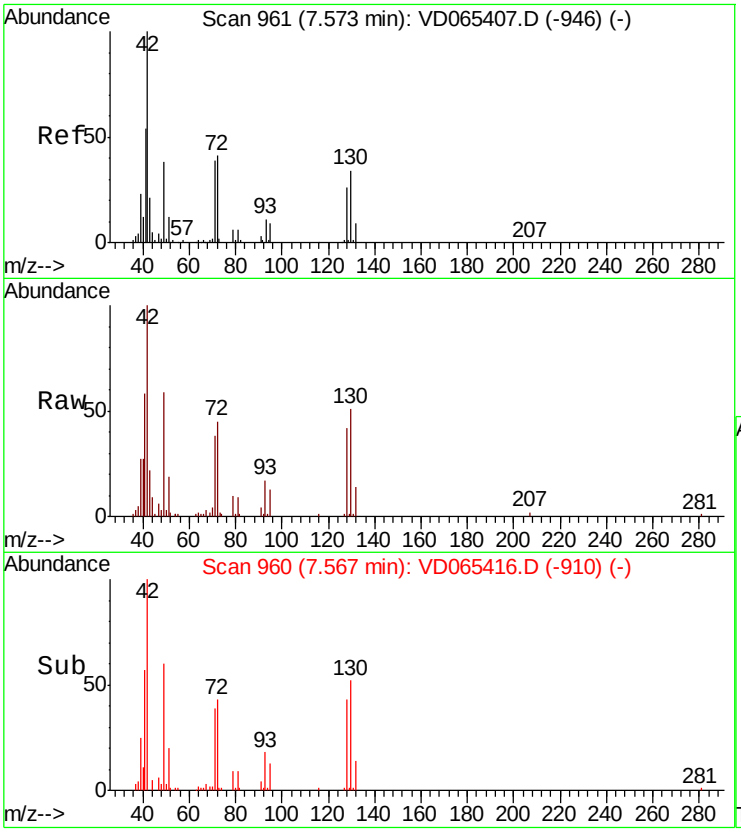


#28
Bromochloromethane
Concen: 21.837 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 49 Resp: 70667

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	84.6	66.6	100.0



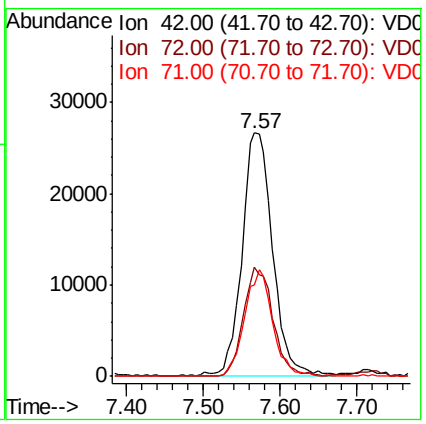


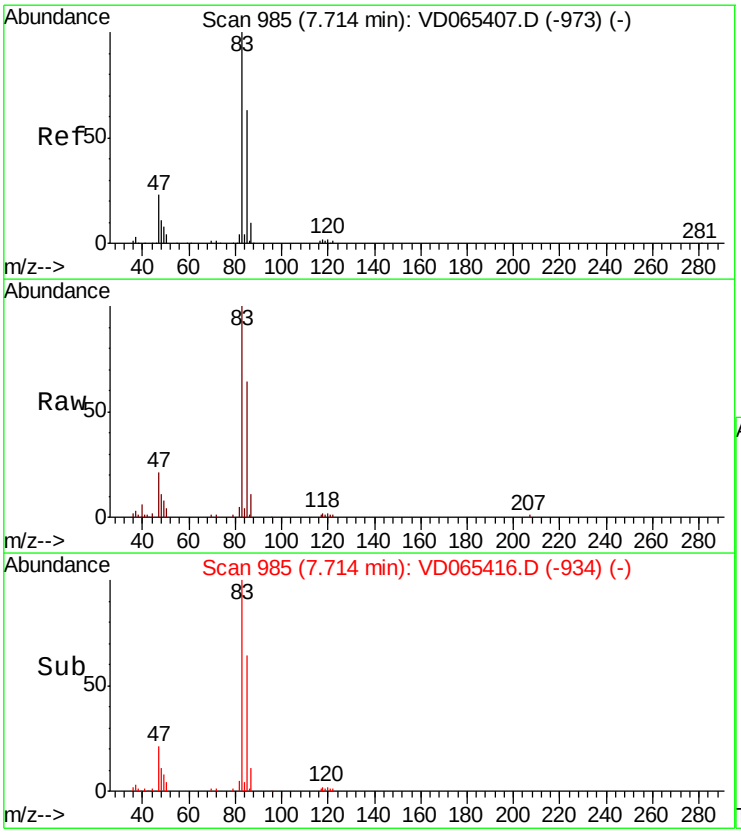
#29
Tetrahydrofuran
Concen: 103.669 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 74420

Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.0	49.6
71	40.0	32.0	48.0

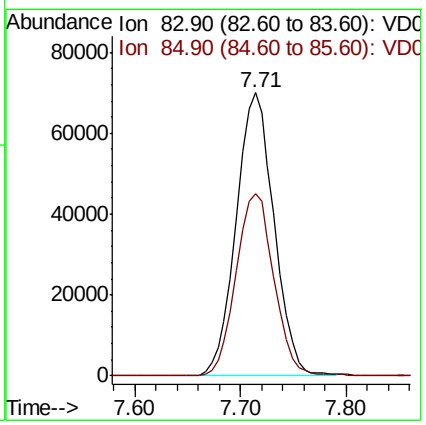


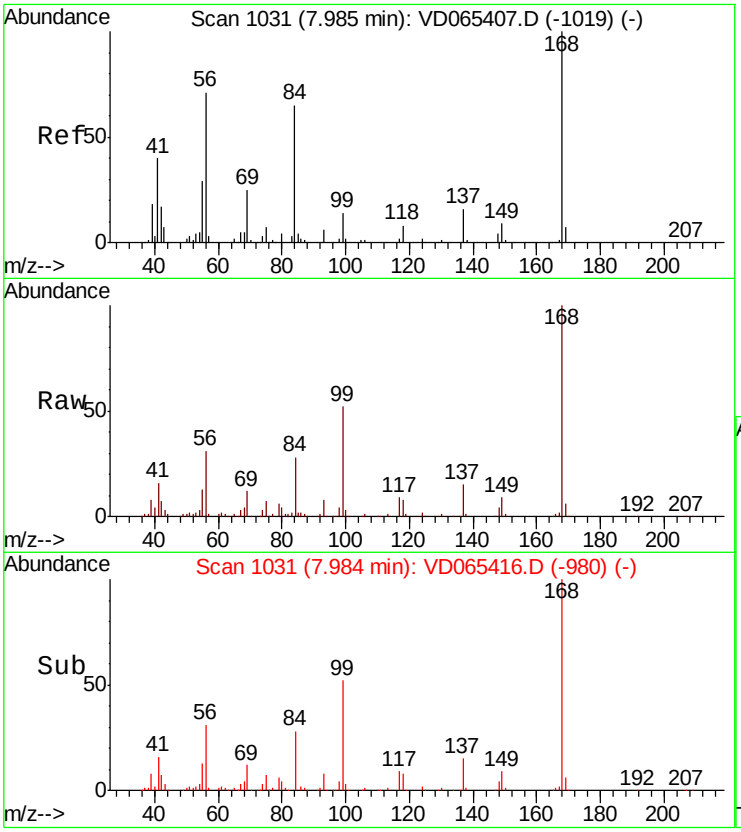


#30
Chloroform
Concen: 21.521 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 83 Resp: 173988

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5



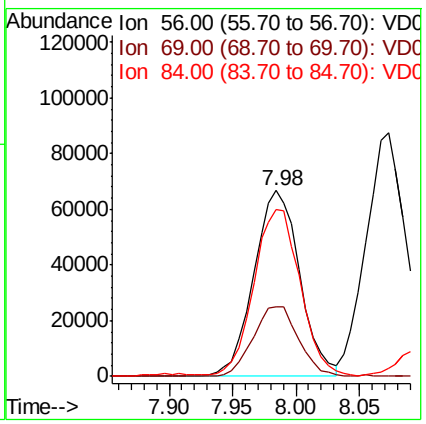


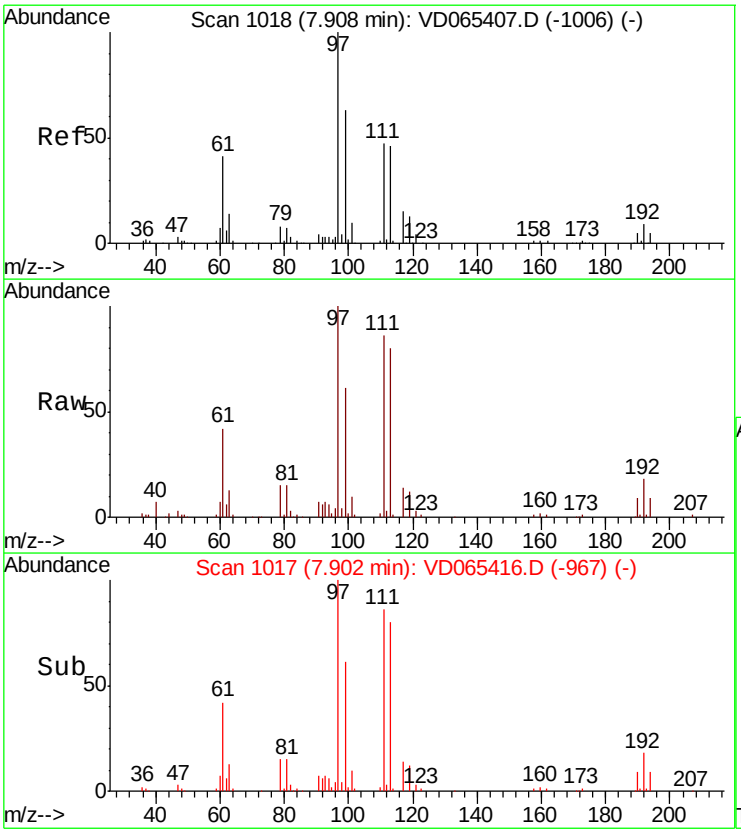
#31
Cyclohexane
Concen: 20.790 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 168145

Ion	Ratio	Lower	Upper
56	100		
69	37.2	28.3	42.5
84	88.8	73.1	109.7

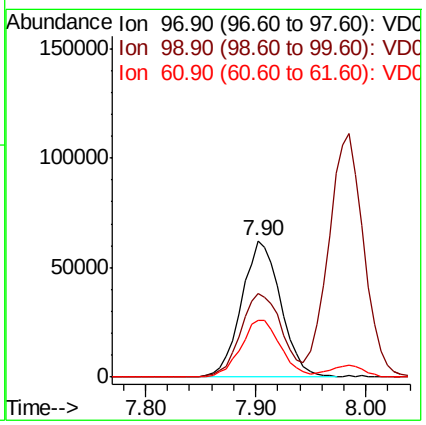


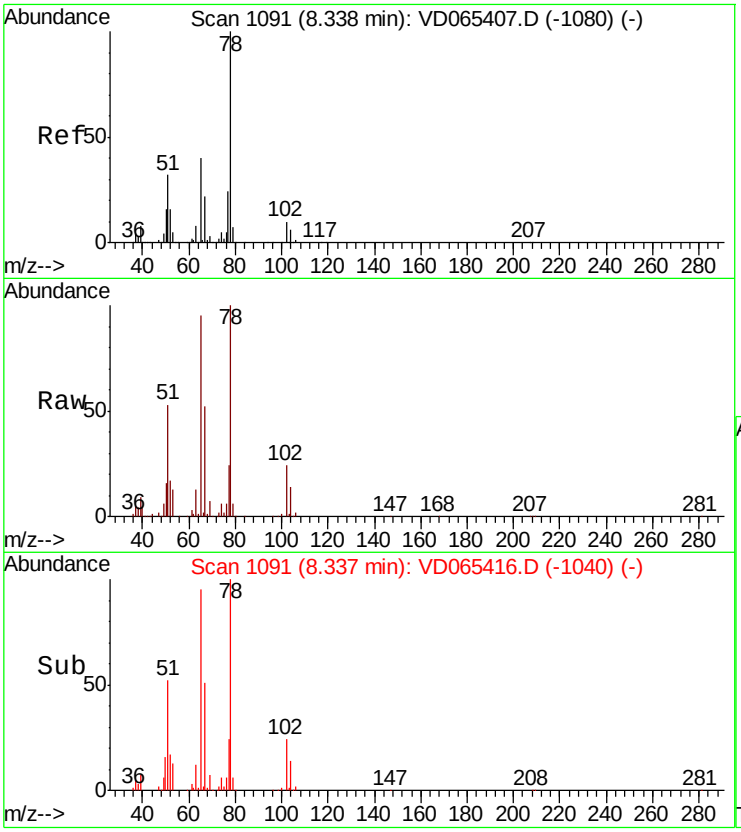


#32
1,1,1-Trichloroethane
Concen: 20.759 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 97 Resp: 155094

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	42.5	33.2	49.8



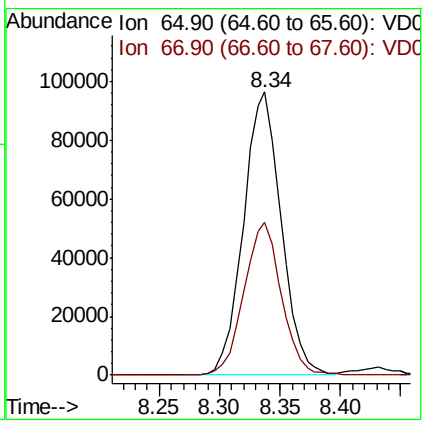


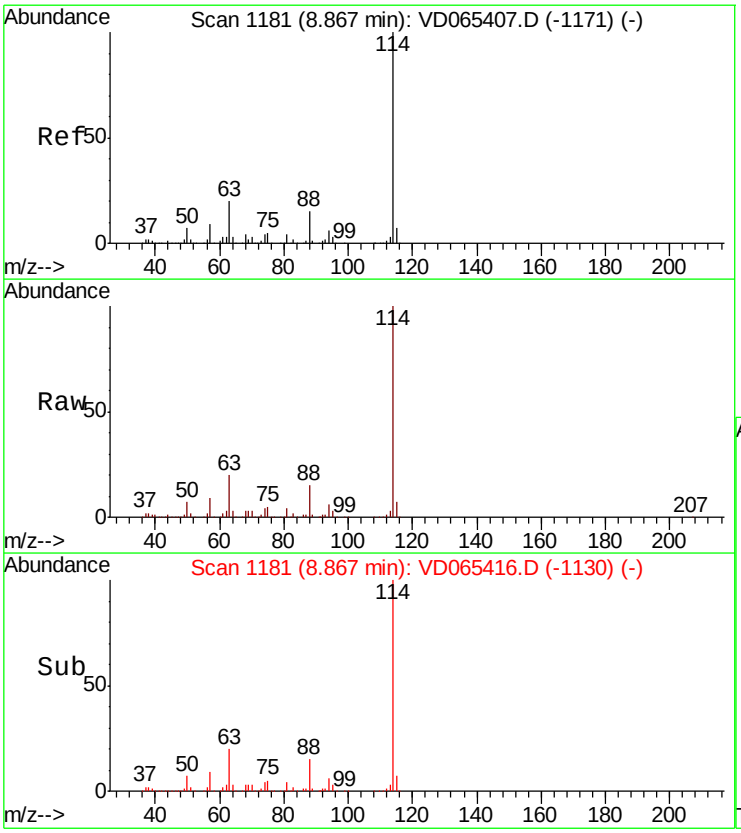
#33
1,2-Dichloroethane-d4
Concen: 51.639 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 210327

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.0

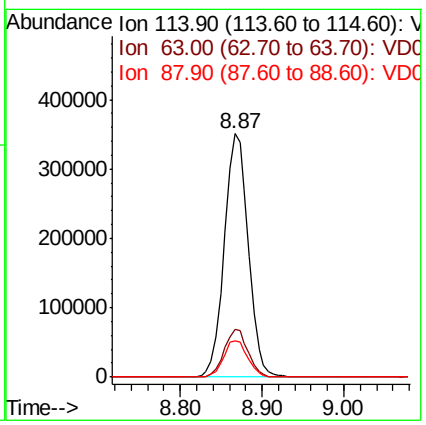


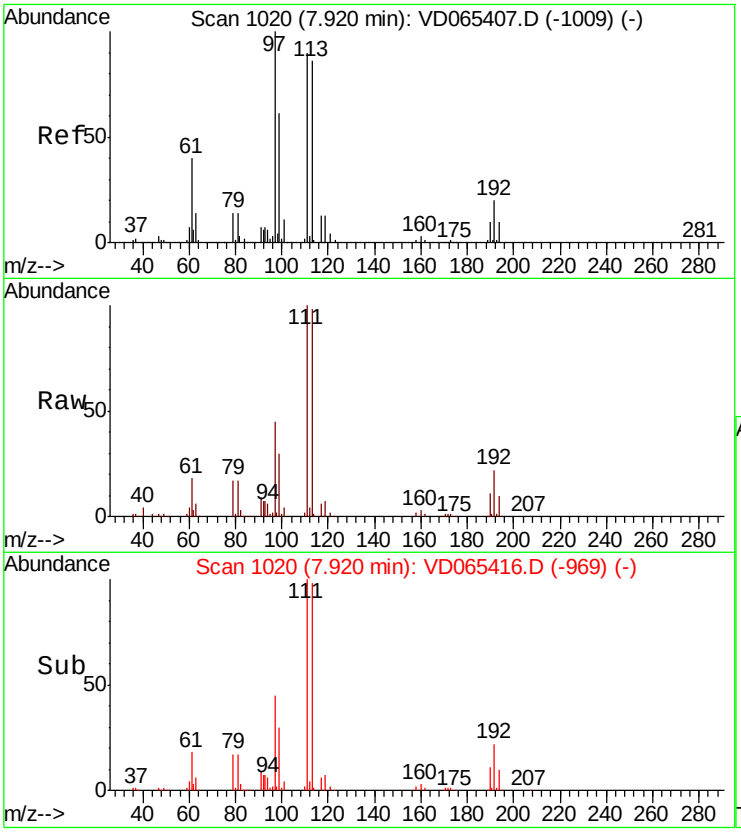


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:114 Resp: 715441

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	14.7	0.0	30.4



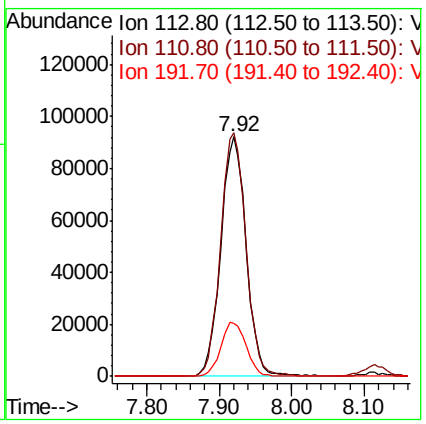


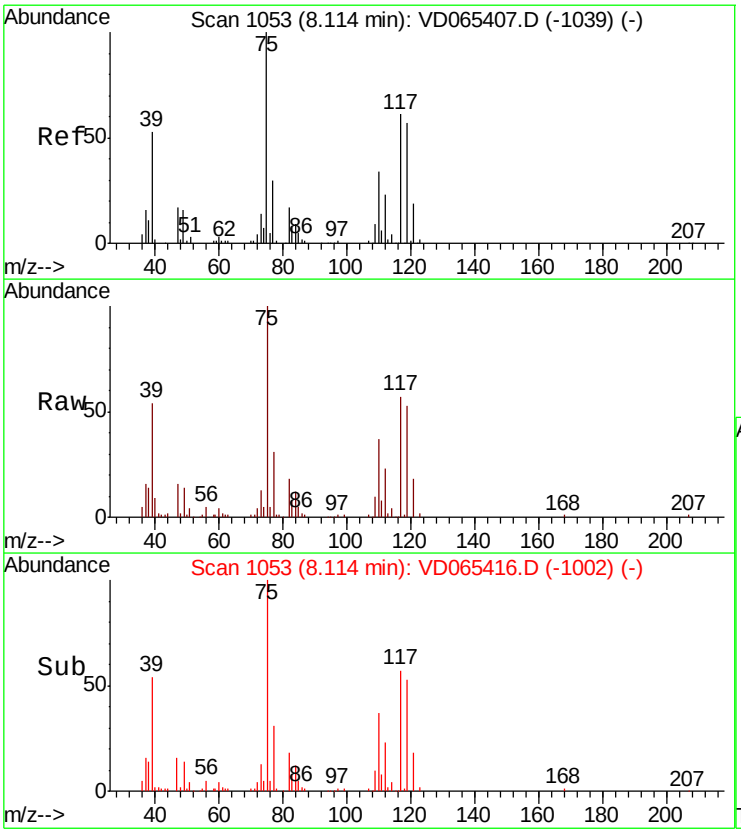
#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 223296

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.5	17.2	25.8

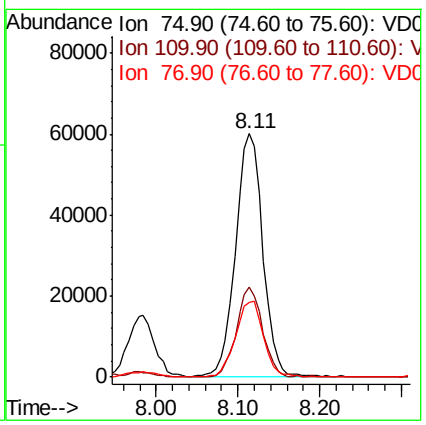


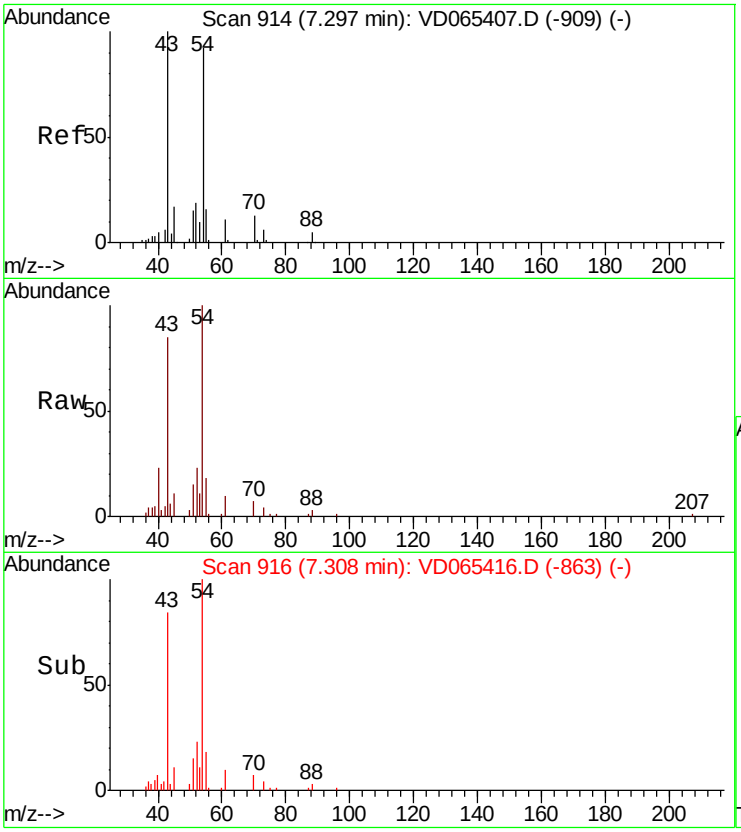


#36
1,1-Dichloropropene
Concen: 20.484 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 75 Resp: 140479

Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.1
77	32.0	25.2	37.8



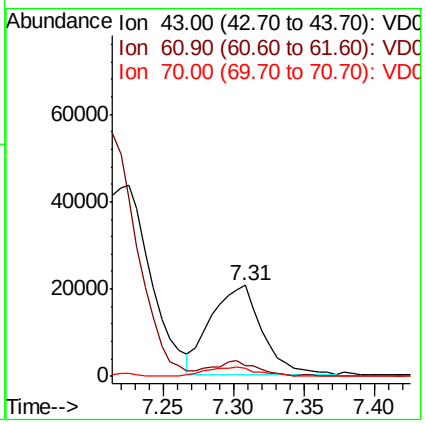


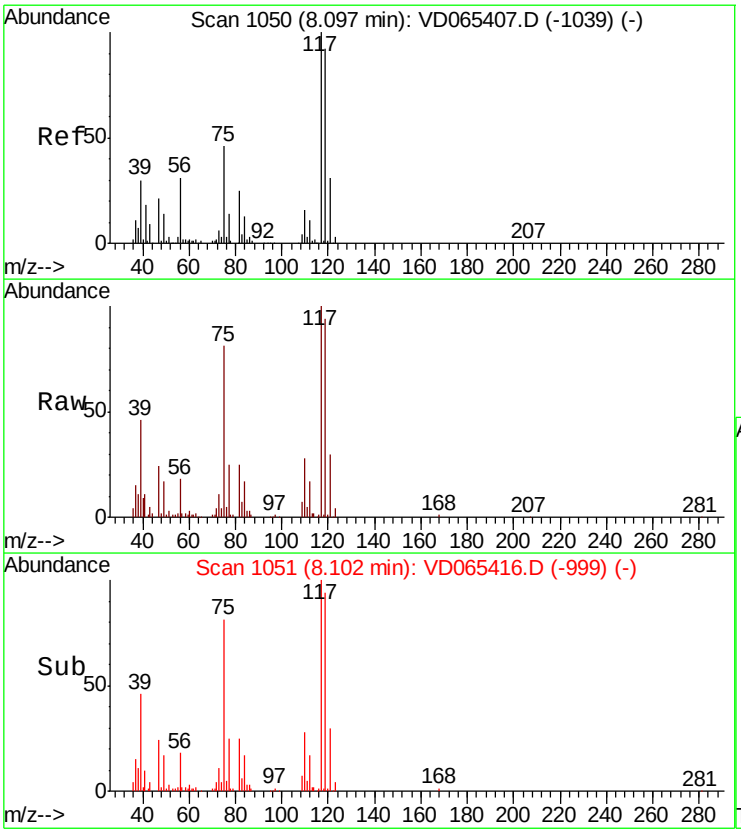
#37
Ethyl Acetate
Concen: 19.474 ug/l
RT: 7.31 min Scan# 916
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 51621

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.4	17.0
70	10.6	9.0	13.4

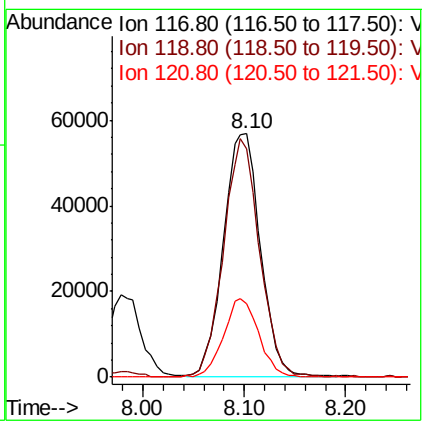


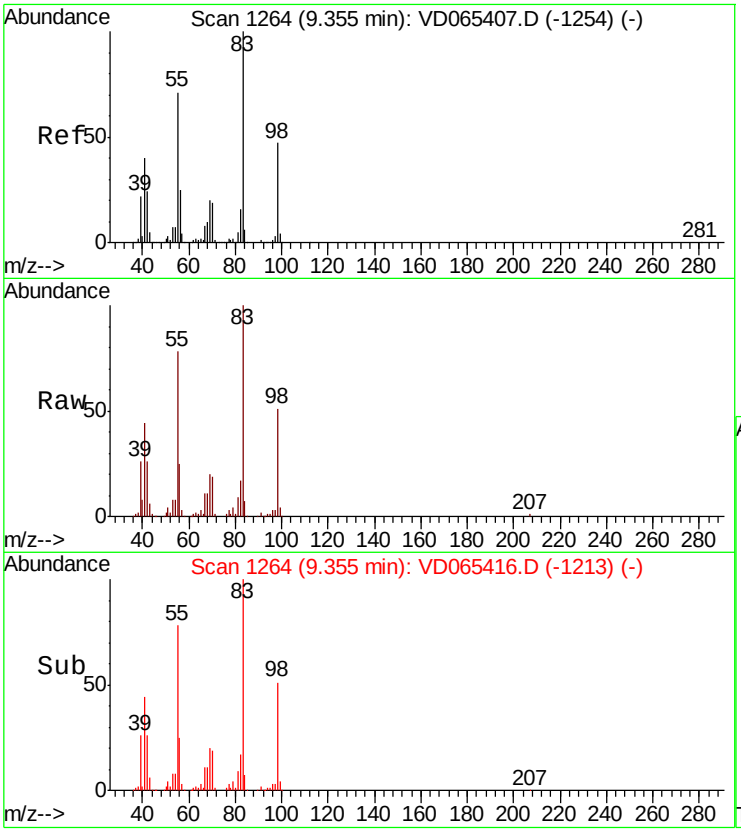


#38
Carbon Tetrachloride
Concen: 20.080 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:117 Resp: 142798

Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.3	109.9
121	30.3	25.0	37.4



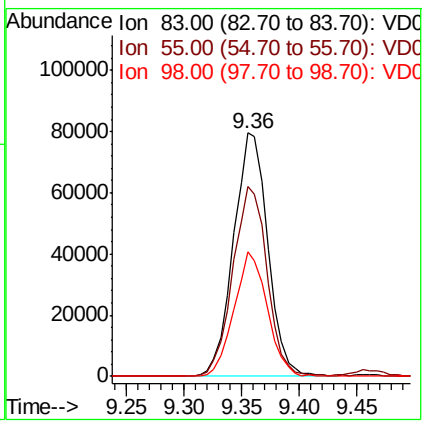


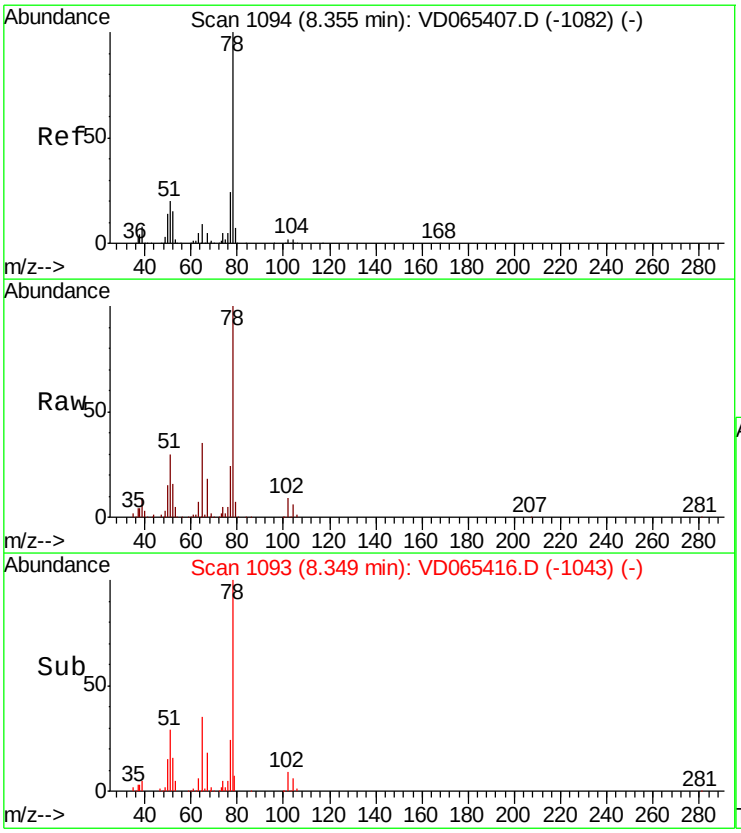
#39
Methylcyclohexane
Concen: 19.803 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 164029

Ion	Ratio	Lower	Upper
83	100		
55	78.2	57.1	85.7
98	51.3	37.8	56.8

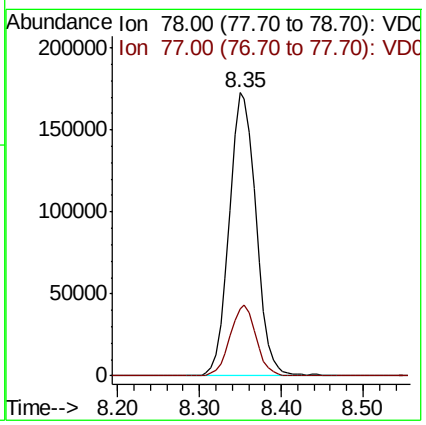


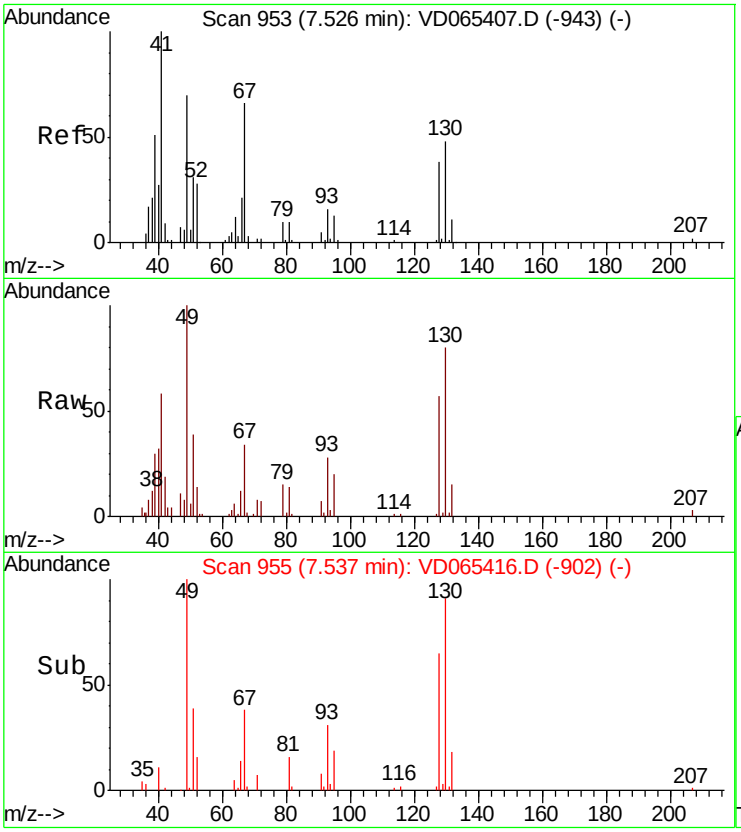


#40
Benzene
Concen: 20.553 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 78 Resp: 394095

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0



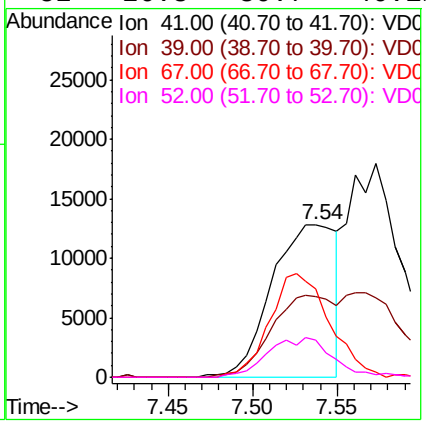


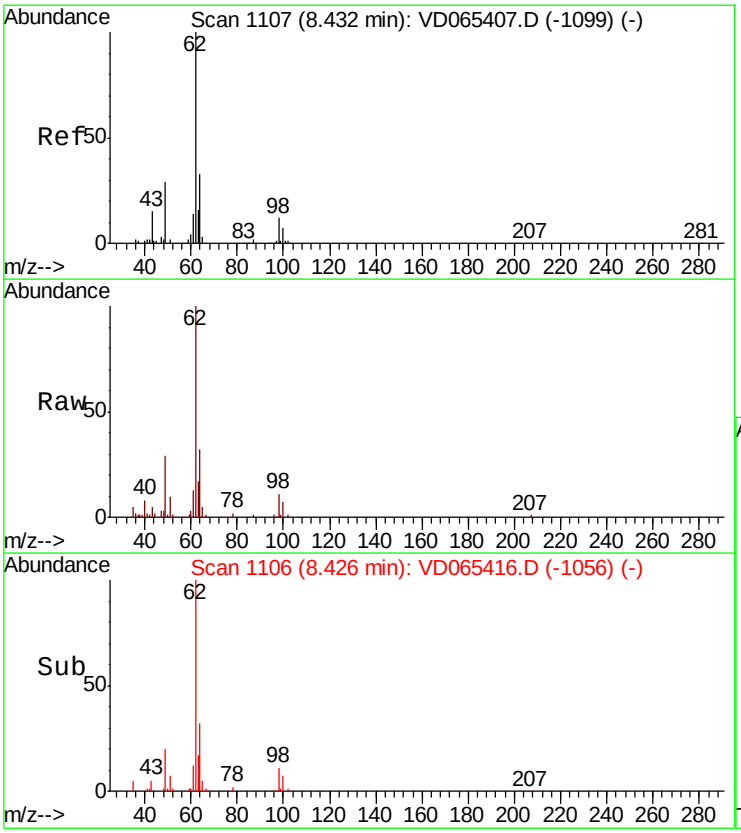
#41
Methacrylonitrile
Concen: 24.142 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 33843

Ion	Ratio	Lower	Upper
41	100		
39	52.6	55.0	82.6#
67	63.5	70.3	105.5#
52	26.8	30.7	46.1#

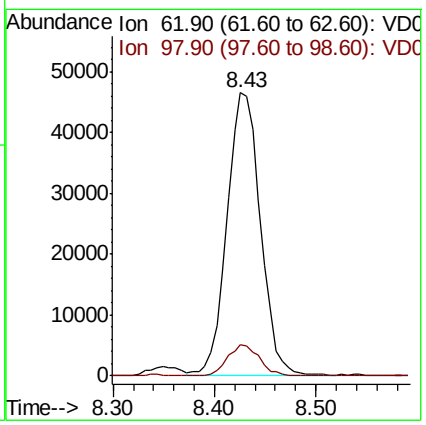


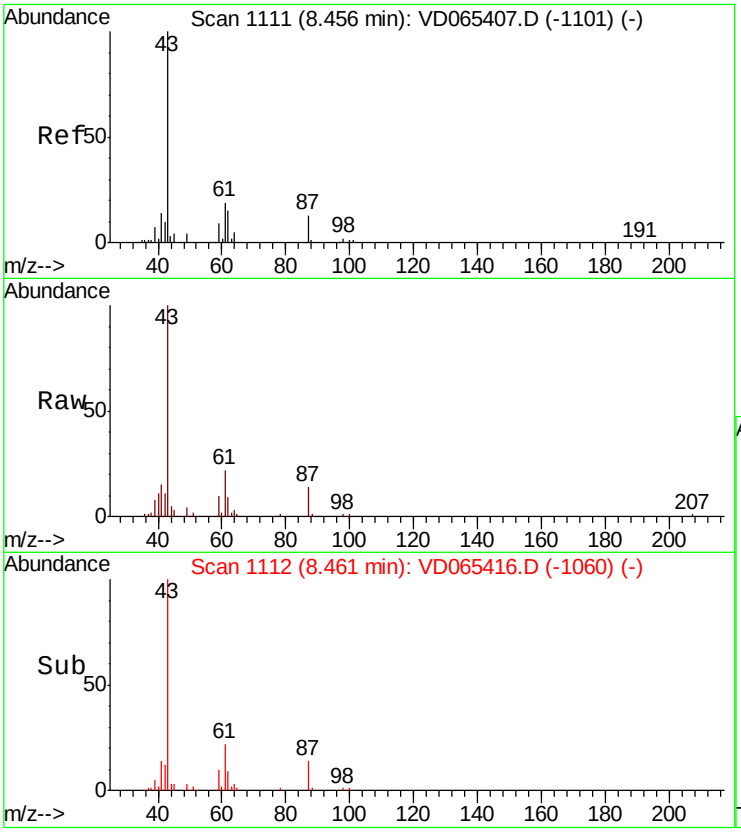


#42
1,2-Dichloroethane
Concen: 21.291 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 62 Resp: 106606

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4



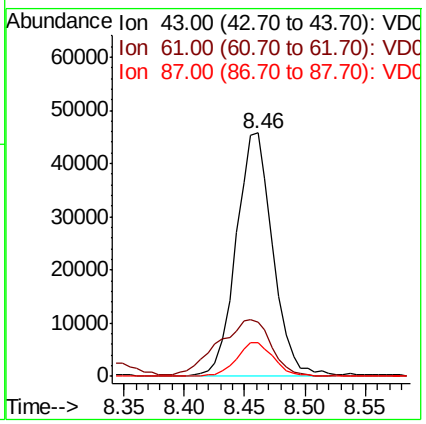


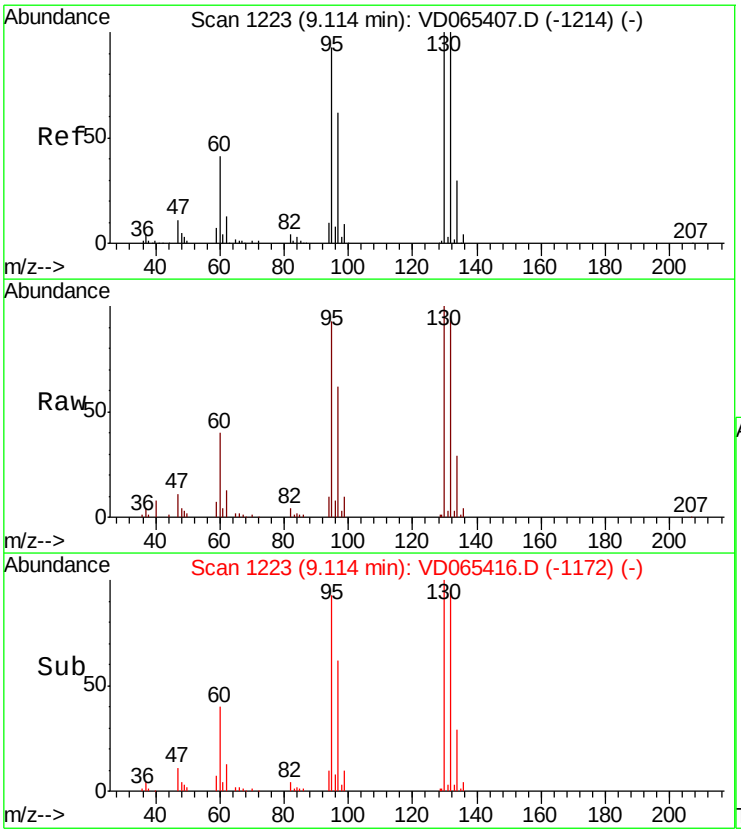
#43
Isopropyl Acetate
Concen: 19.756 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 96691

Ion	Ratio	Lower	Upper
43	100		
61	33.7	25.0	37.6
87	13.9	11.0	16.4

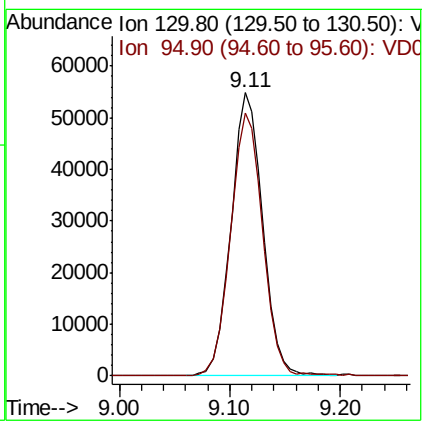


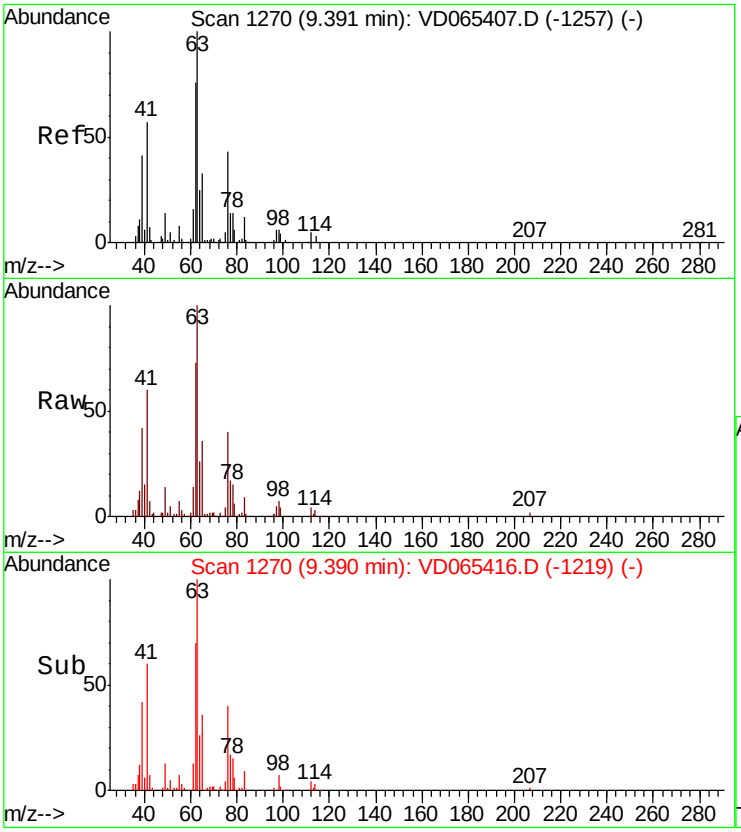


#44
Trichloroethene
Concen: 20.318 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:130 Resp: 110022

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	186.0



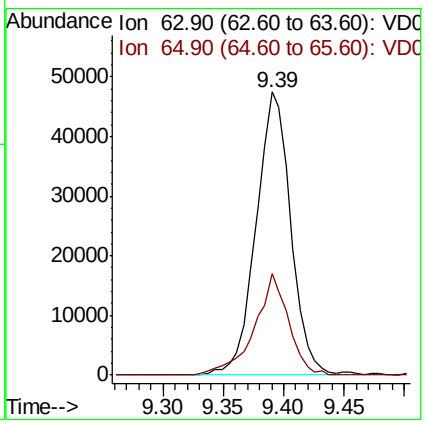


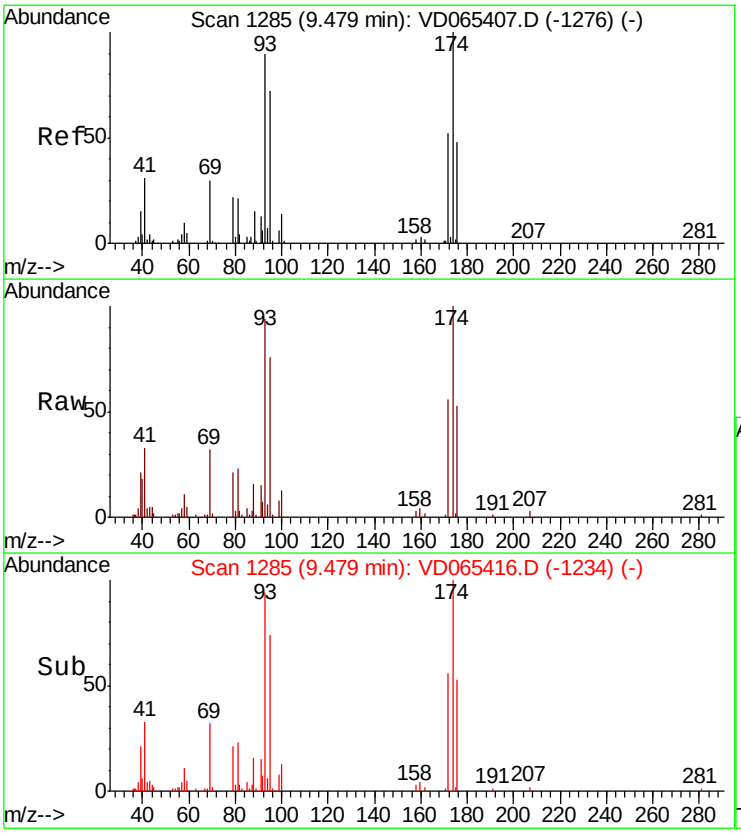
#45
1,2-Dichloropropane
Concen: 20.422 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 94855

Ion	Ratio	Lower	Upper
63	100		
65	35.7	26.4	39.6

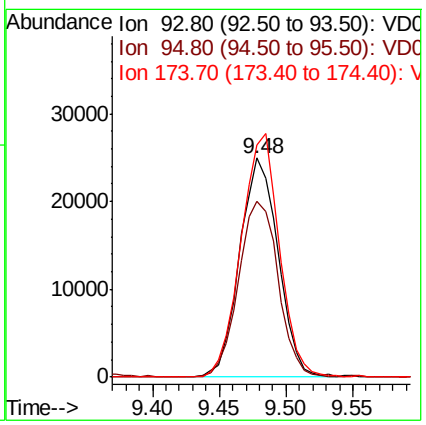


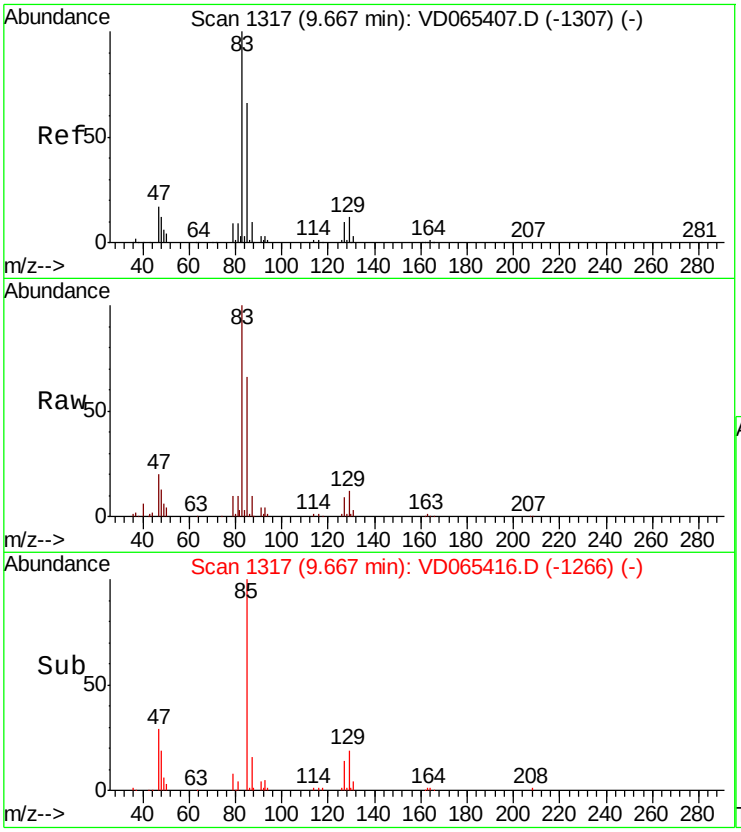


#46
Dibromomethane
Concen: 20.690 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 93 Resp: 49847

Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.0	97.6
174	110.1	88.3	132.5



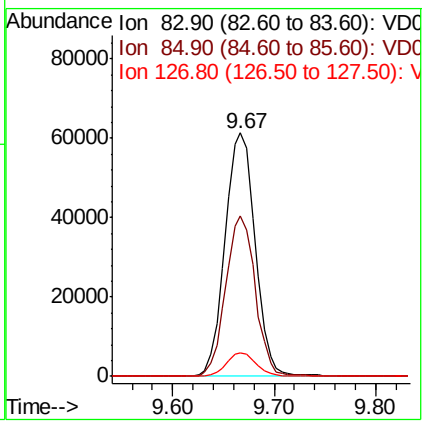


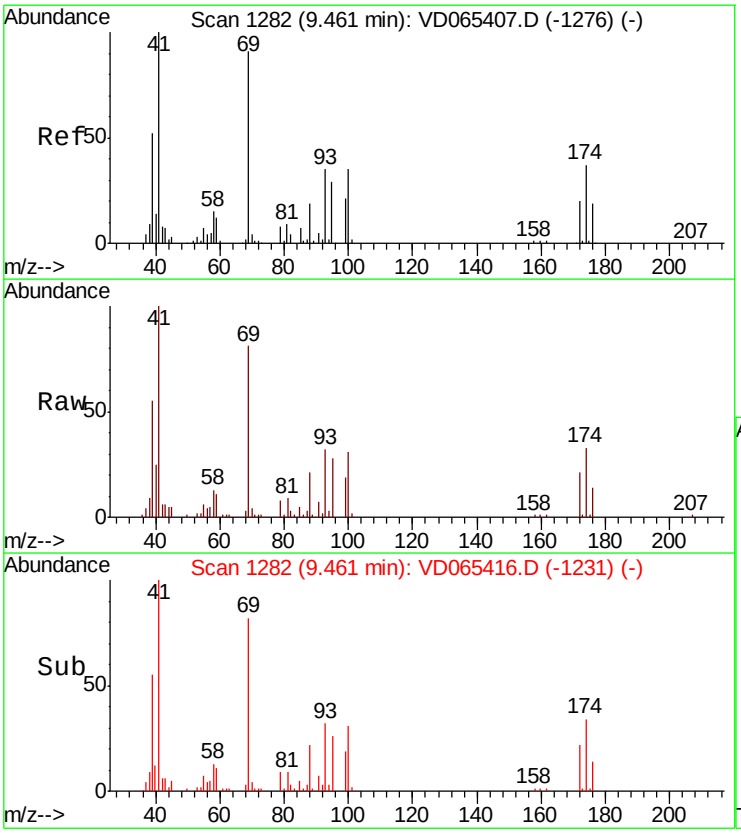
#47
Bromodichloromethane
Concen: 20.221 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 126739

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.8	79.2
127	9.4	8.0	12.0

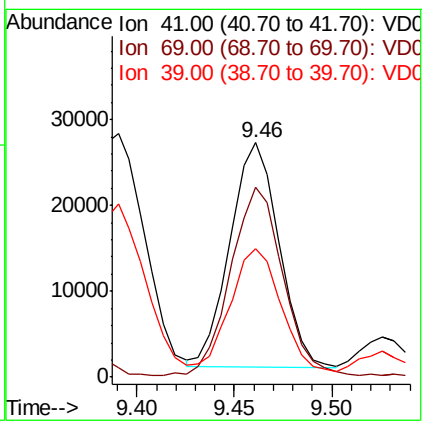


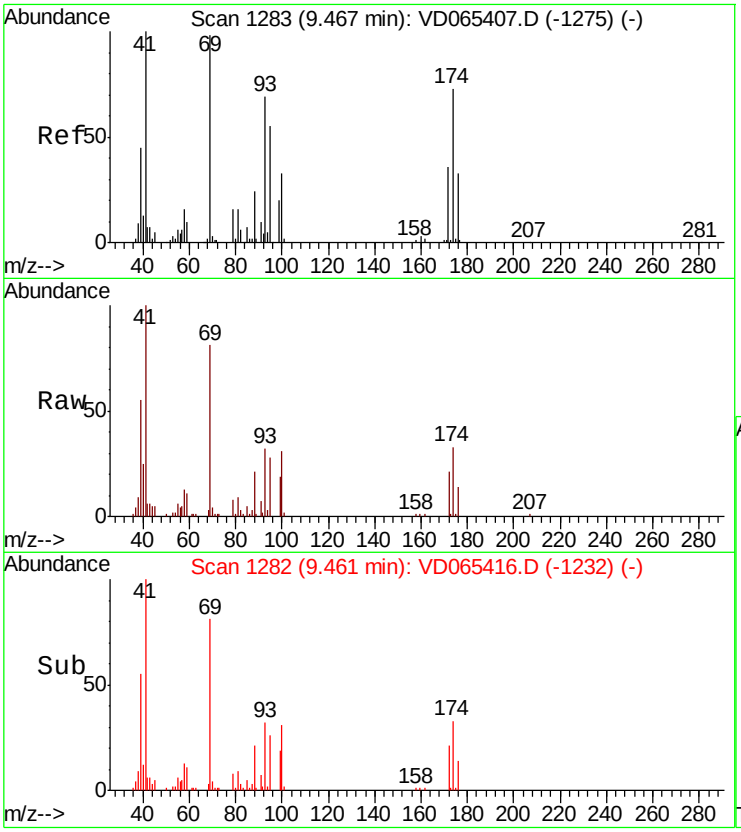


#48
Methyl methacrylate
Concen: 19.730 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 41 Resp: 45424

Ion	Ratio	Lower	Upper
41	100		
69	89.6	72.5	108.7
39	55.8	41.6	62.4



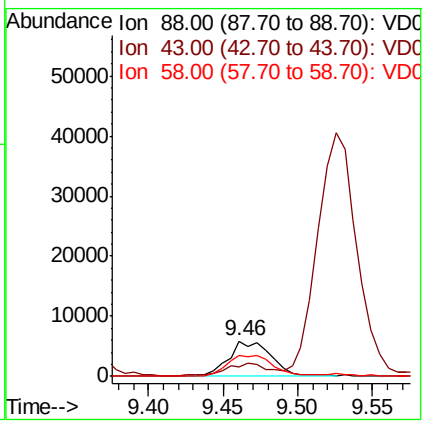


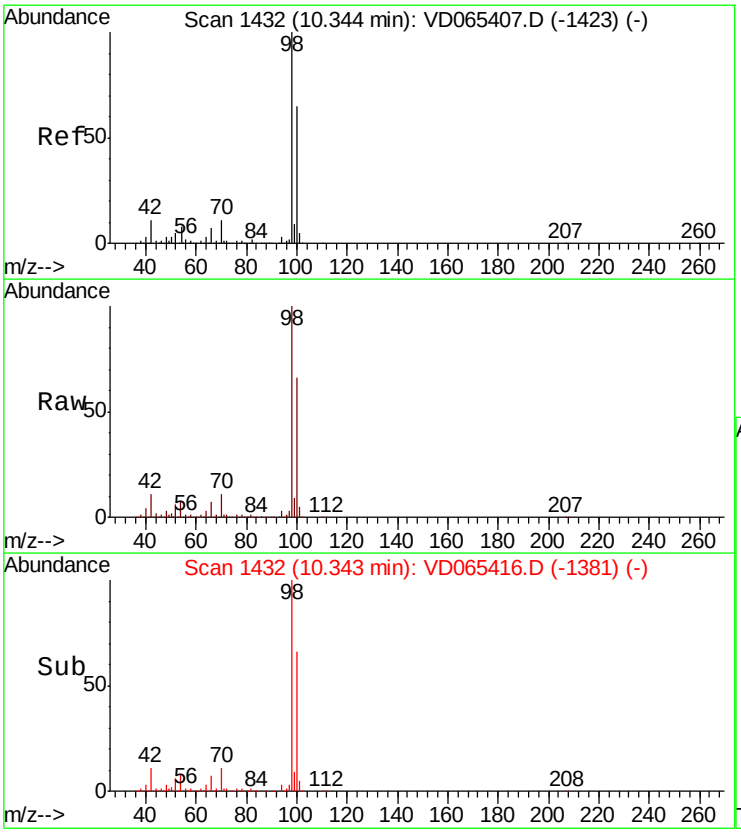
#49
1,4-Dioxane
Concen: 421.146 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 11606

Ion	Ratio	Lower	Upper
88	100		
43	38.6	24.5	36.7#
58	66.8	54.5	81.7

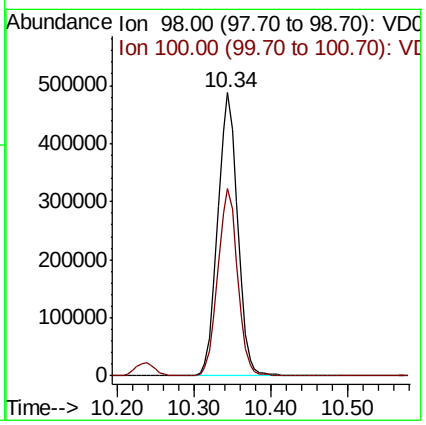


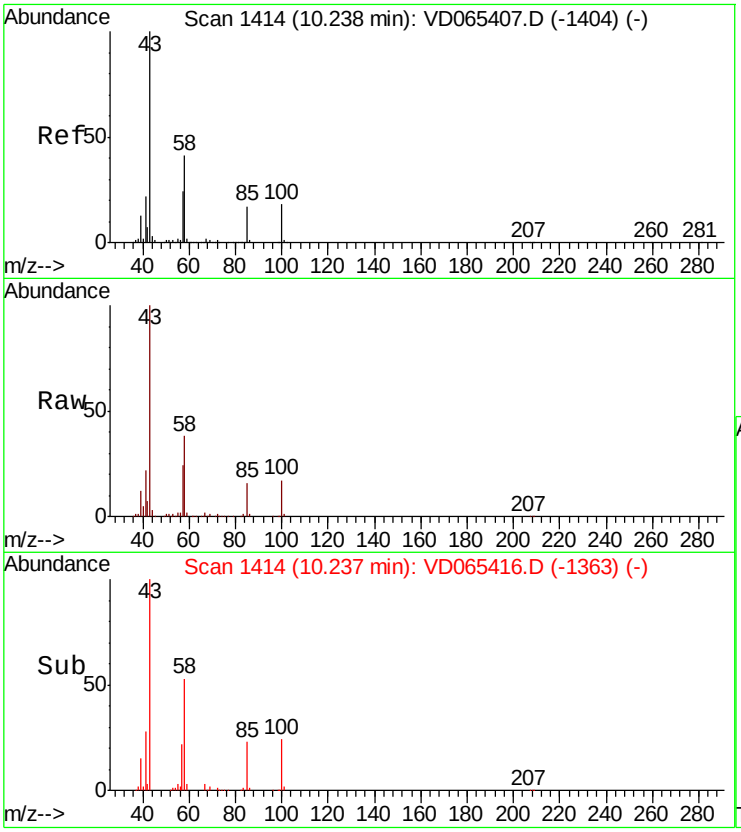


#50
Toluene-d8
Concen: 51.403 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 98 Resp: 872485

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2



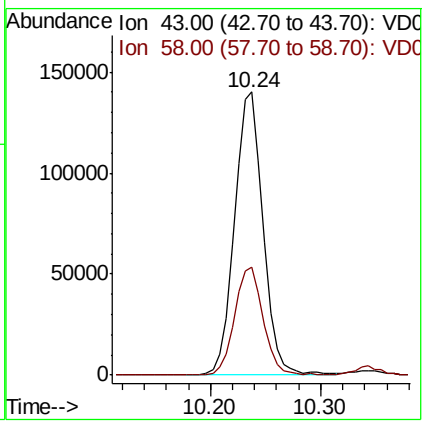


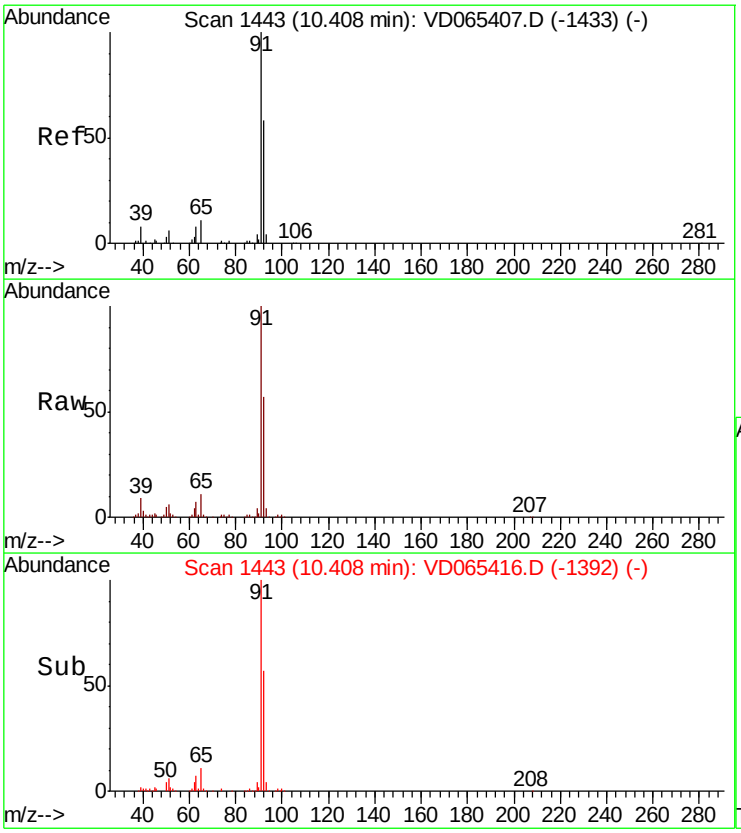
#51
4-Methyl-2-Pentanone
Concen: 103.229 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 254247

Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.8	47.6

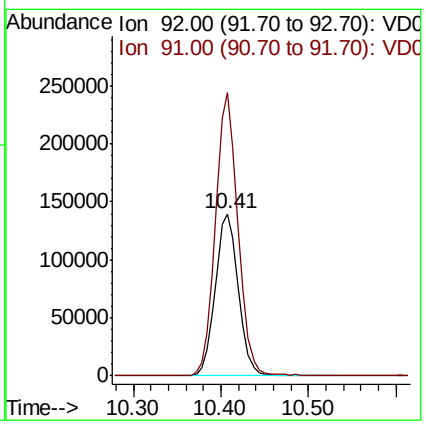


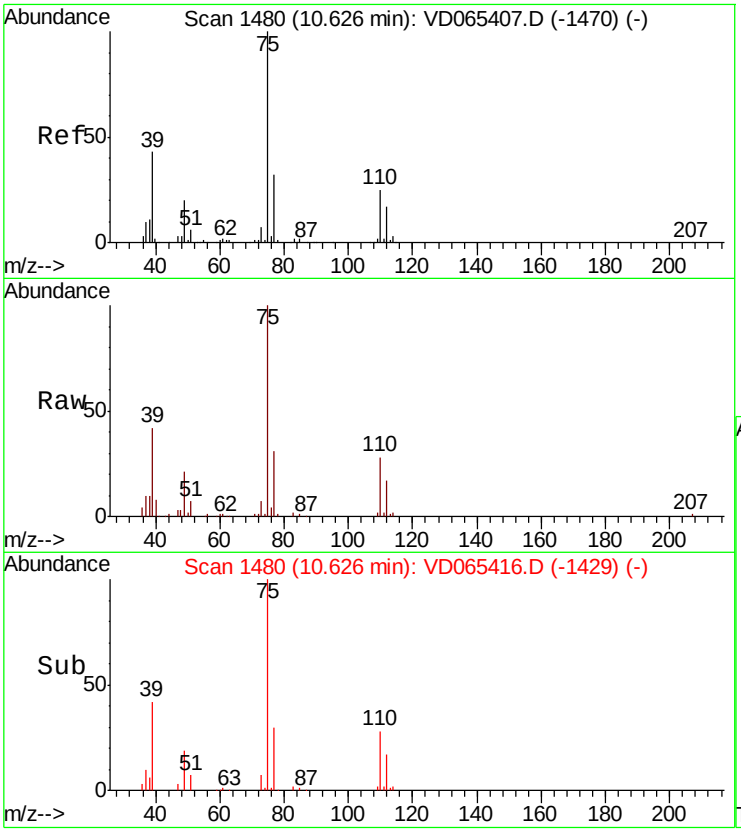


#52
Toluene
Concen: 21.134 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 92 Resp: 255283

Ion	Ratio	Lower	Upper
92	100		
91	170.5	137.8	206.8



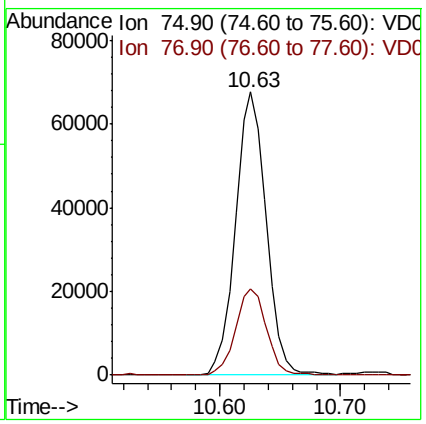


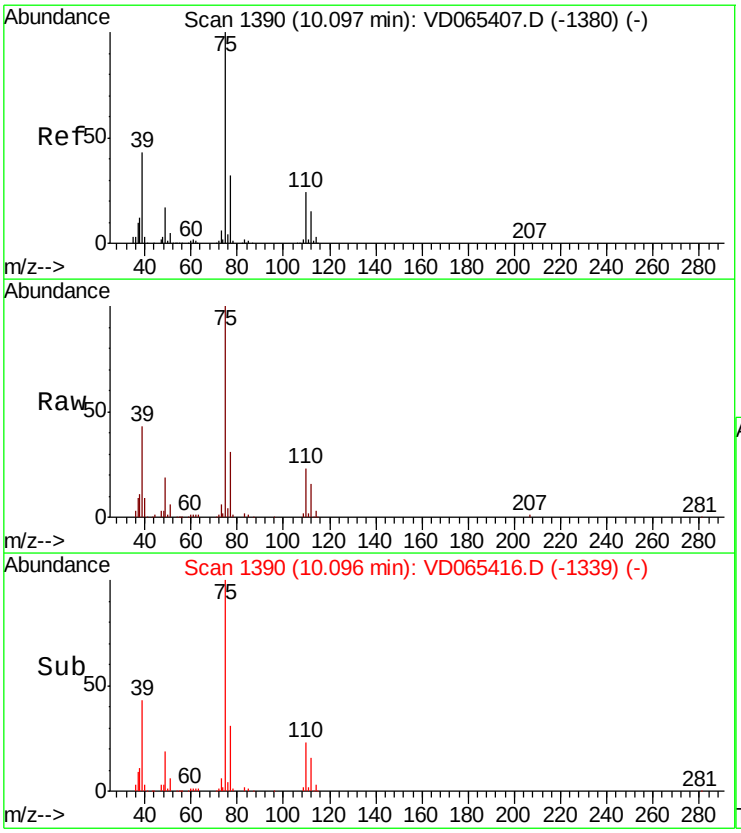
#53
t-1,3-Dichloropropene
Concen: 20.438 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 119712

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2

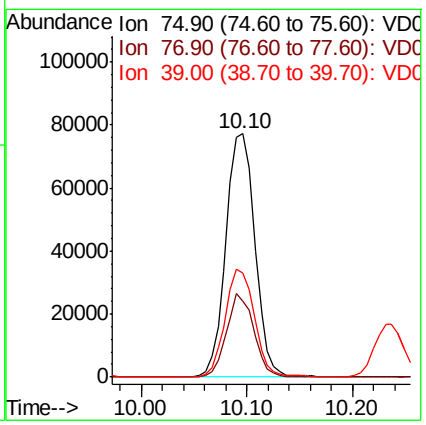


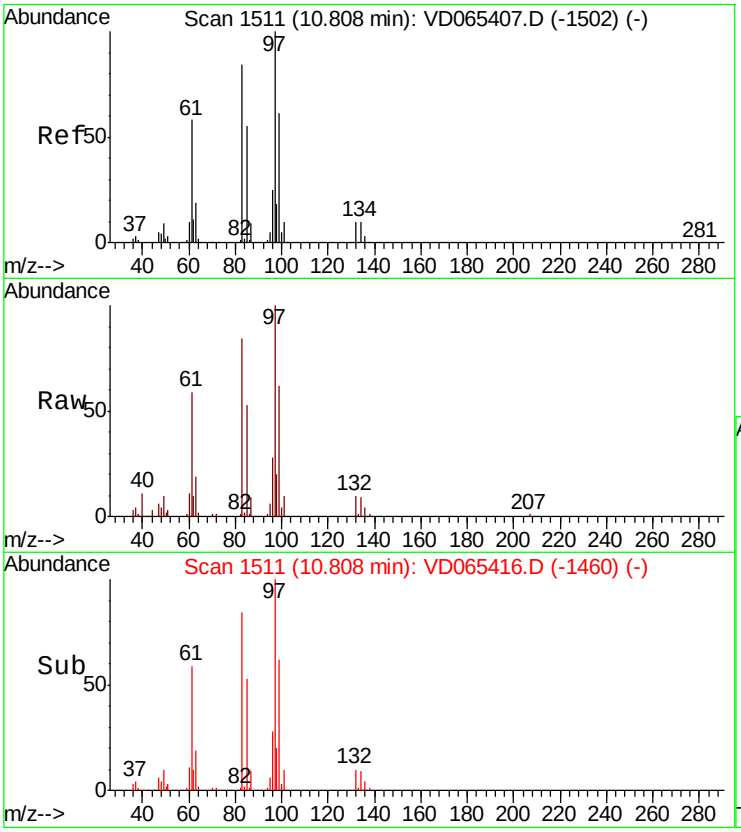


#54
cis-1,3-Dichloropropene
Concen: 20.765 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 75 Resp: 147218

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9
39	42.9	34.6	52.0



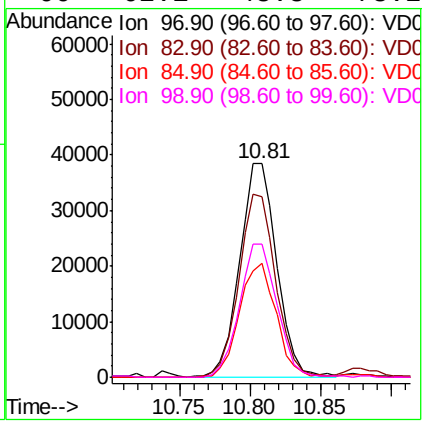


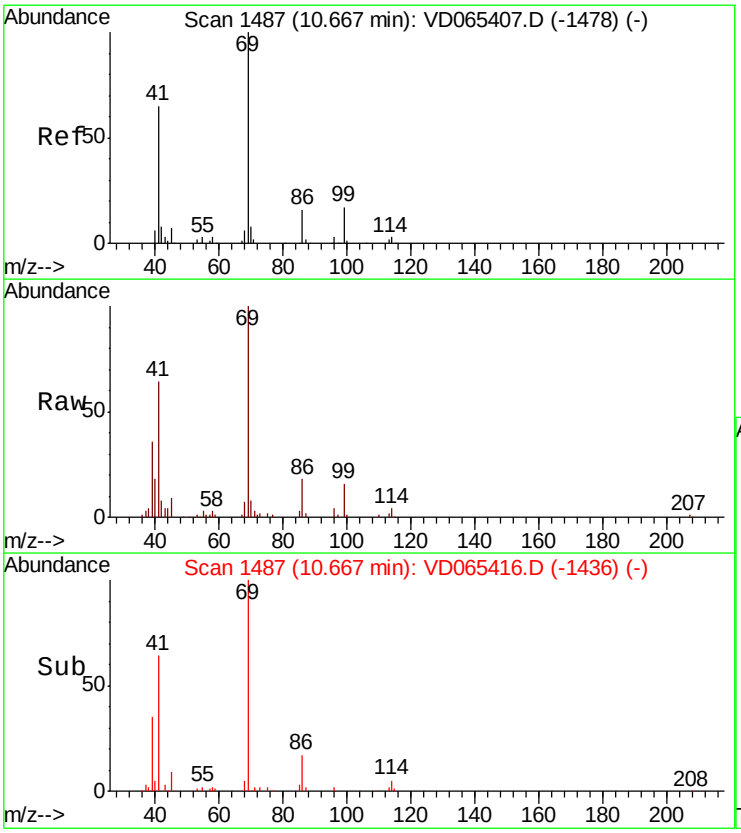
#55
1,1,2-Trichloroethane
Concen: 20.771 ug/l
RT: 10.81 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 70876

Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	53.5	43.8	65.8
99	62.1	48.8	73.2

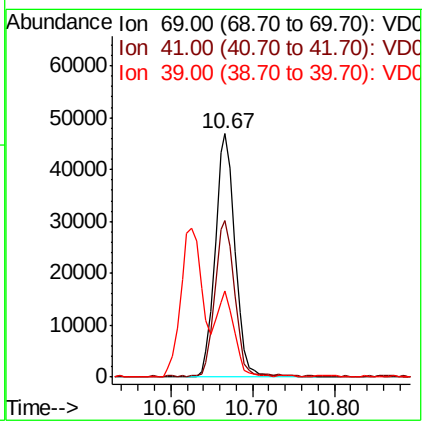


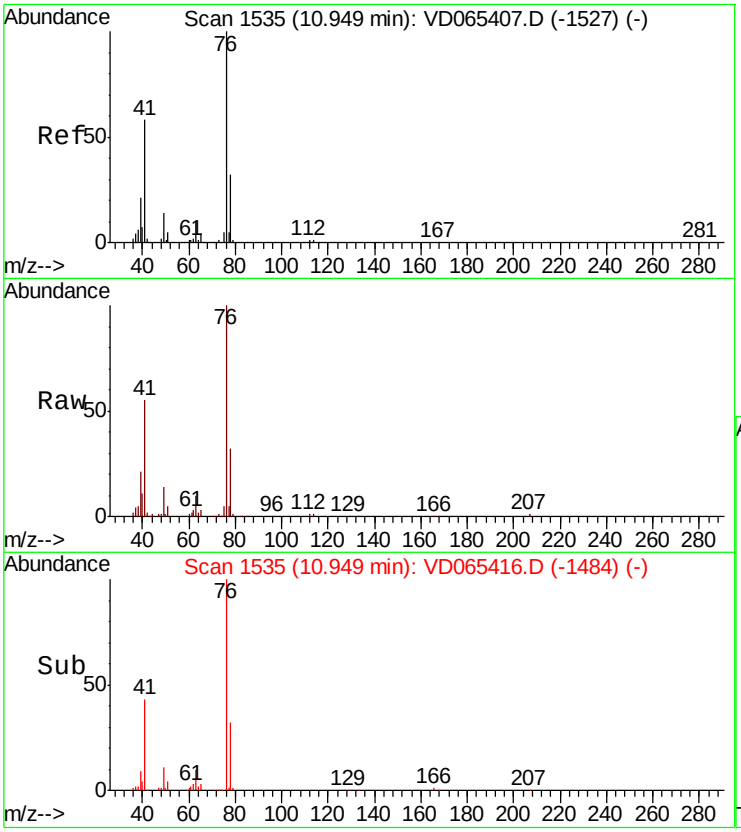


#56
Ethyl methacrylate
Concen: 20.599 ug/l
RT: 10.67 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 69 Resp: 79240

Ion	Ratio	Lower	Upper
69	100		
41	63.5	53.0	79.6
39	31.8	26.0	39.0



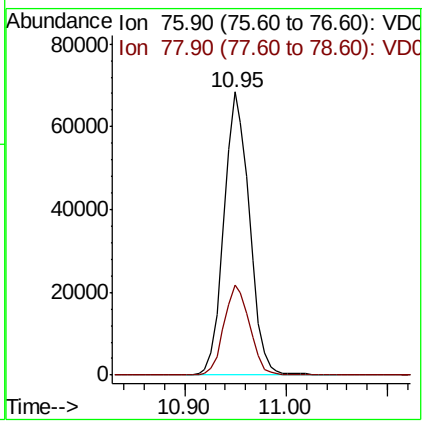


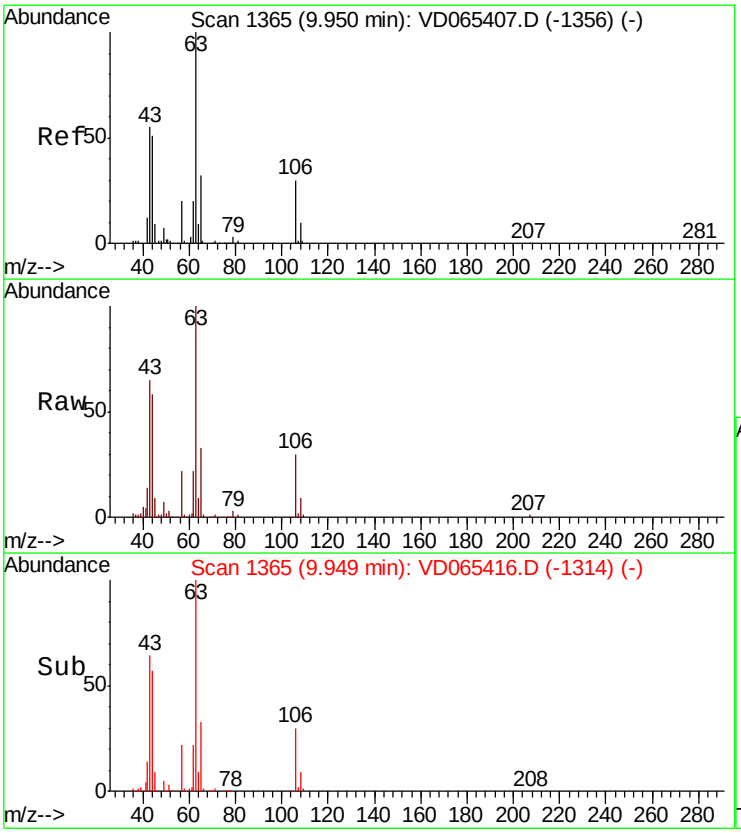
#57
1,3-Dichloropropane
Concen: 20.627 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 119091

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

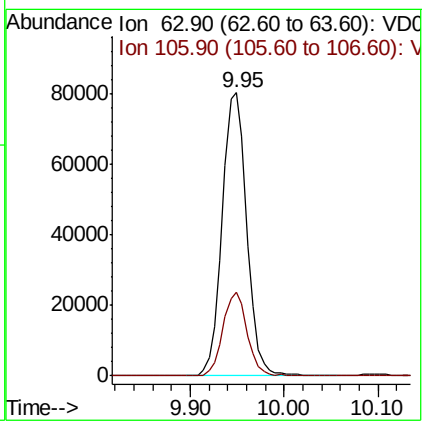


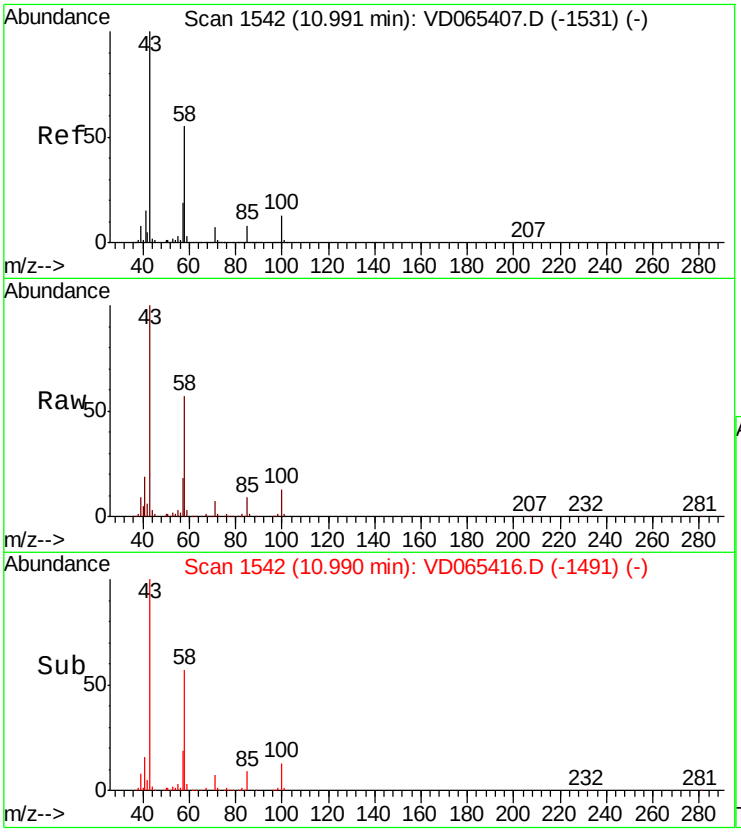


#58
2-Chloroethyl Vinyl ether
Concen: 122.340 ug/l
RT: 9.95 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 63 Resp: 145739

Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.3	34.9



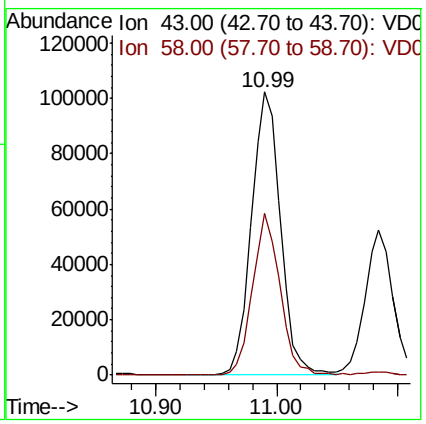


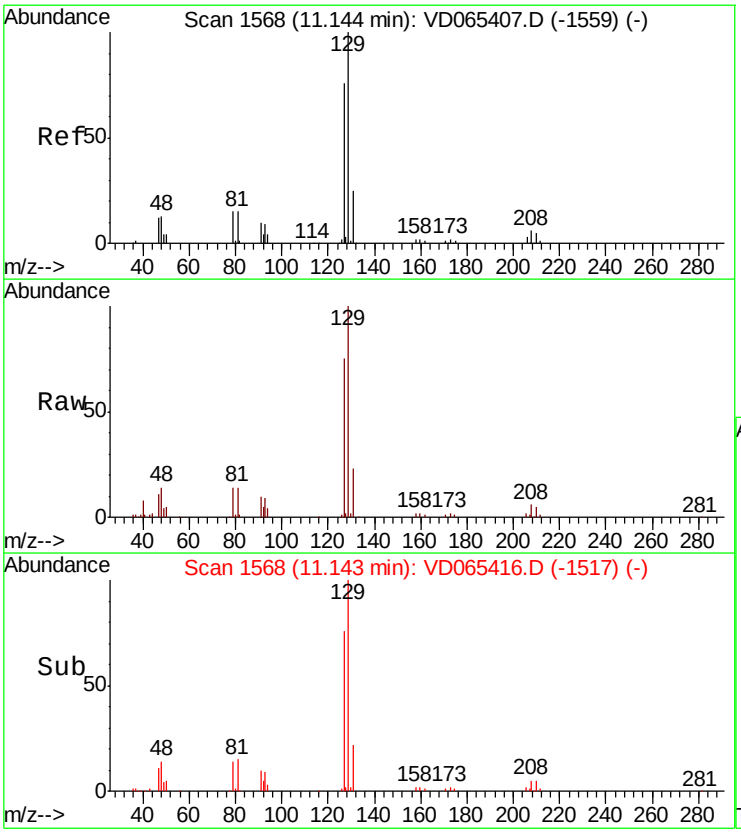
#59
2-Hexanone
Concen: 100.918 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 172061

Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.4	82.2

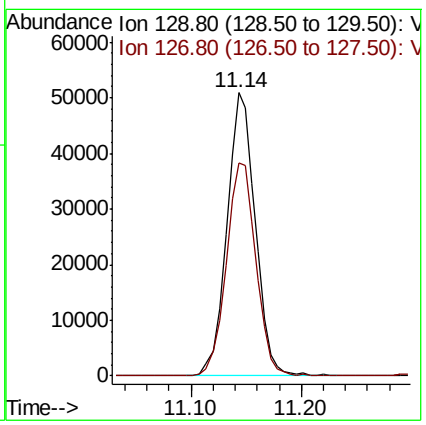


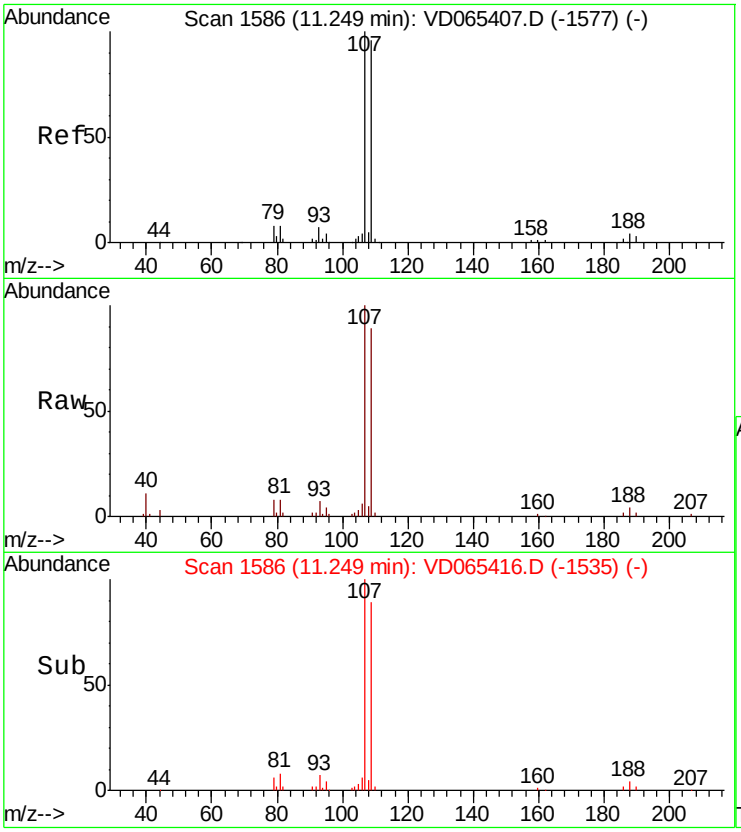


#60
Dibromochloromethane
Concen: 20.879 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:129 Resp: 91326

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.5	115.5



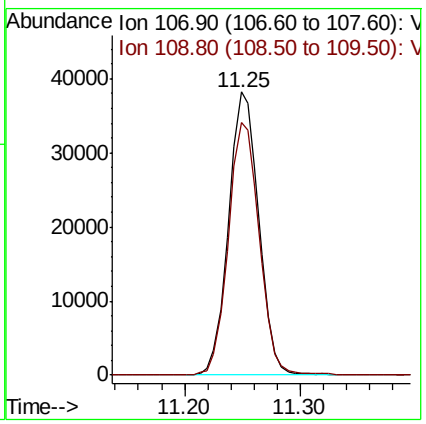


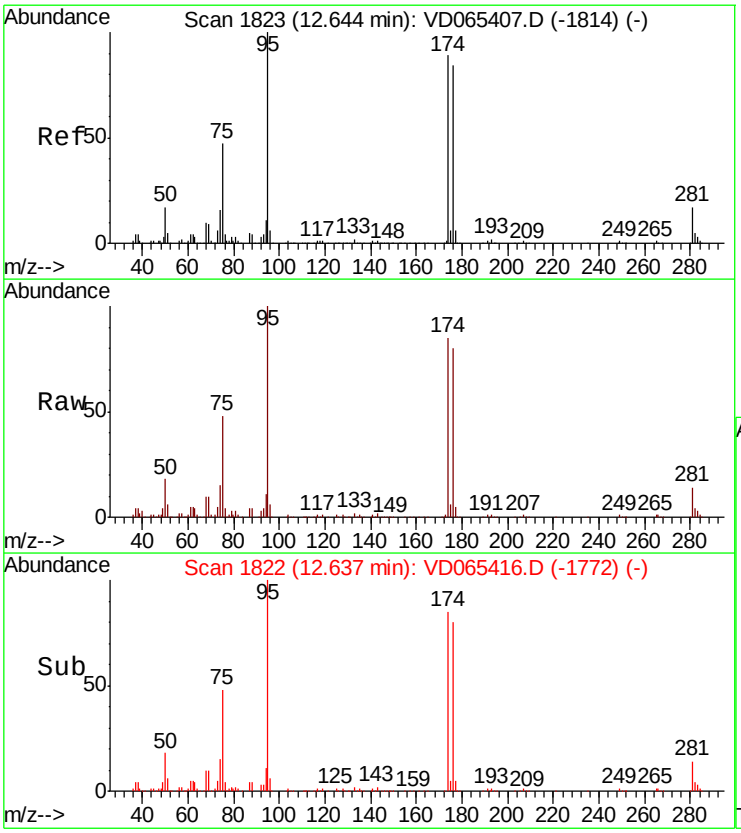
#61
1,2-Dibromoethane
Concen: 21.231 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 69103

Ion	Ratio	Lower	Upper
107	100		
109	91.4	76.8	115.2

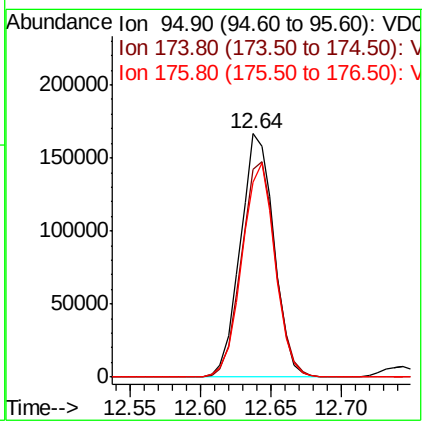


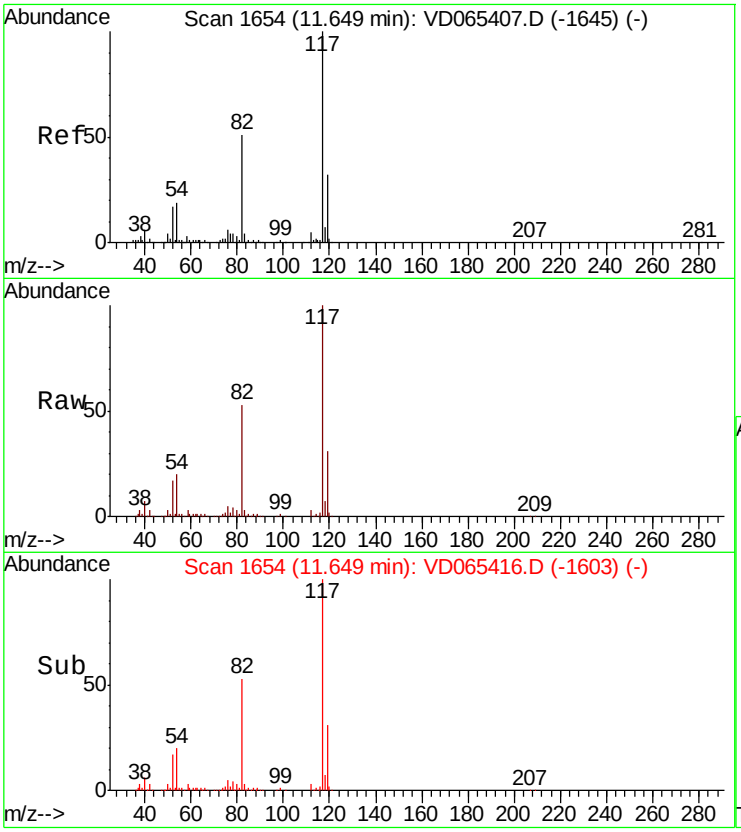


#62
4-Bromofluorobenzene
Concen: 52.959 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 95 Resp: 277496

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	176.8
176	86.8	0.0	171.4



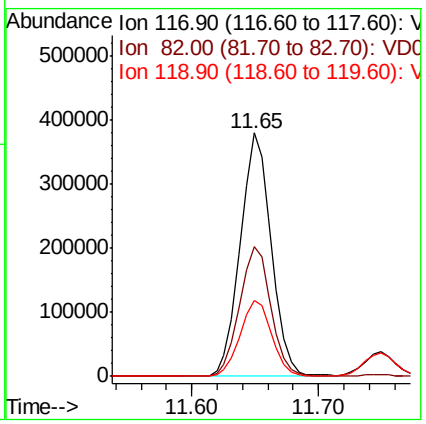


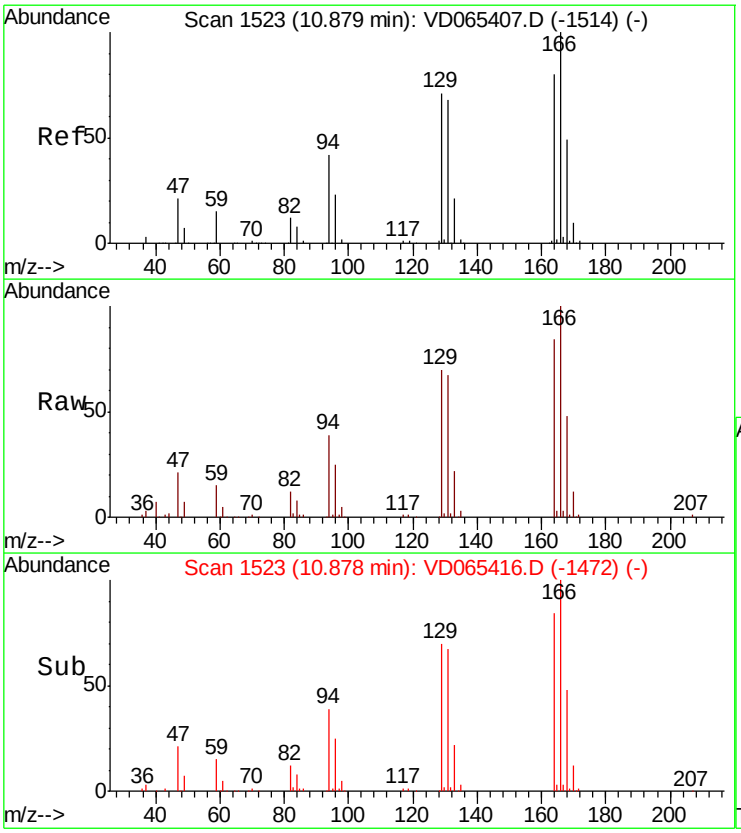
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 643714

Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.6	60.8
119	31.1	25.4	38.2

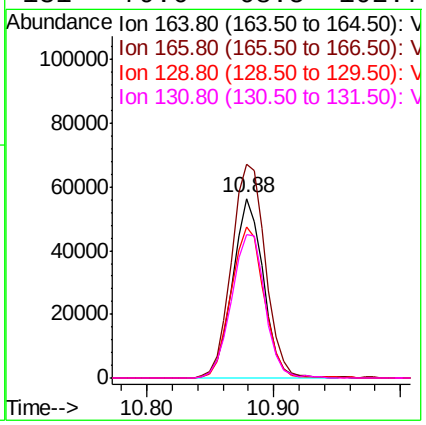


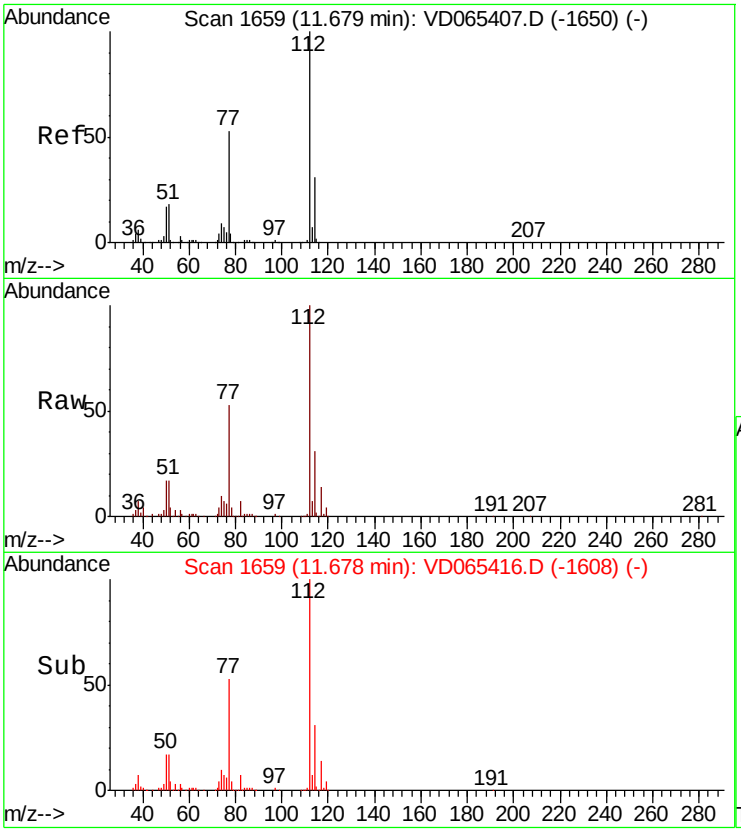


#64
Tetrachloroethene
Concen: 20.434 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:164 Resp: 94256

Ion	Ratio	Lower	Upper
164	100		
166	119.0	100.5	150.7
129	83.9	71.5	107.3
131	79.6	68.5	102.7



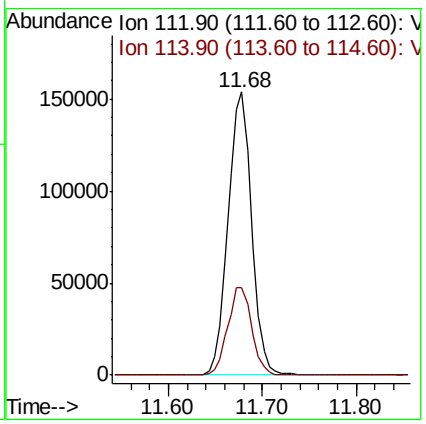


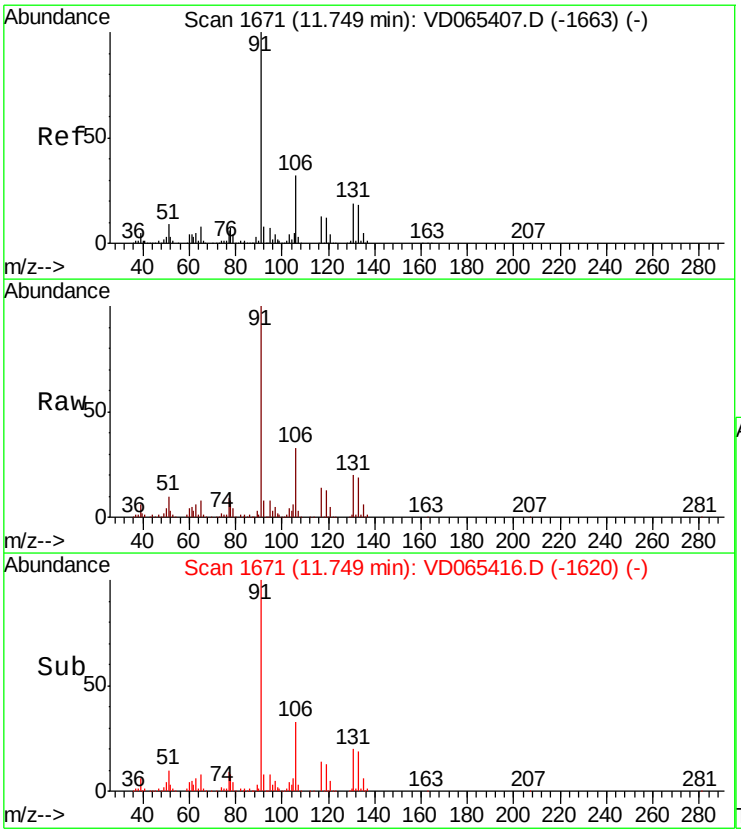
#65
Chlorobenzene
Concen: 20.914 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 266417

Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.4	36.6

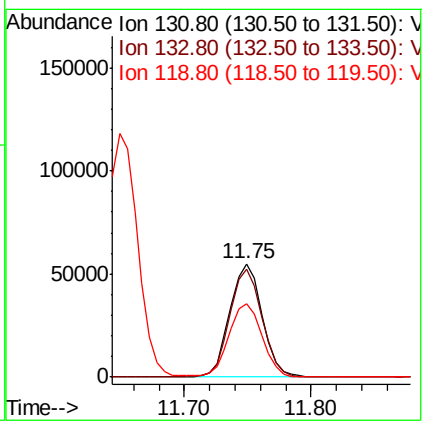


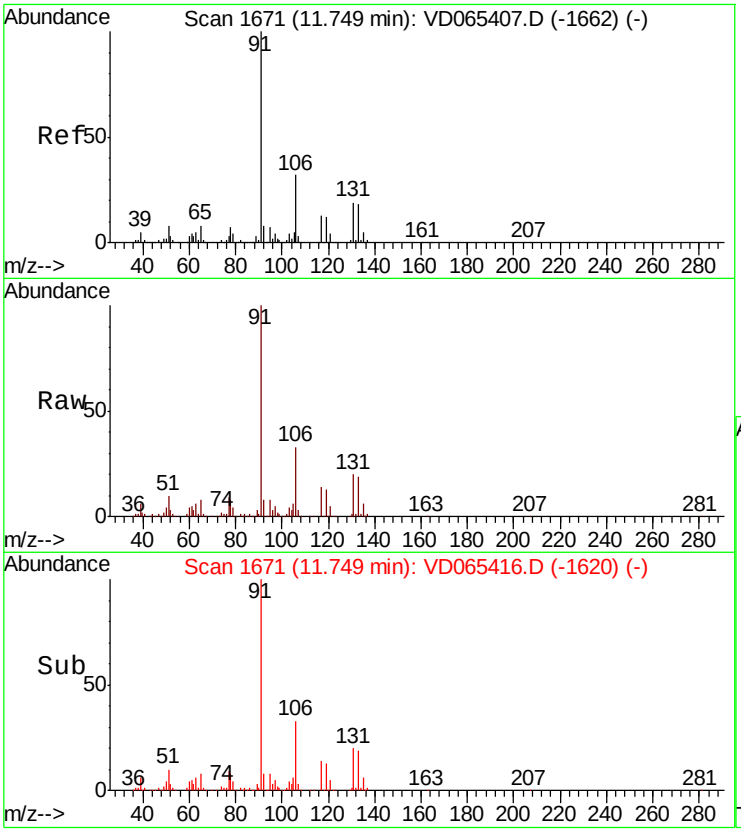


#66
1,1,1,2-Tetrachloroethane
Concen: 20.956 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:131 Resp: 97223

Ion	Ratio	Lower	Upper
131	100		
133	95.0	49.2	147.6
119	66.3	33.3	99.8



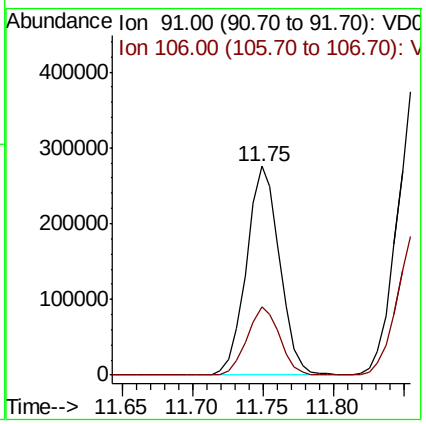


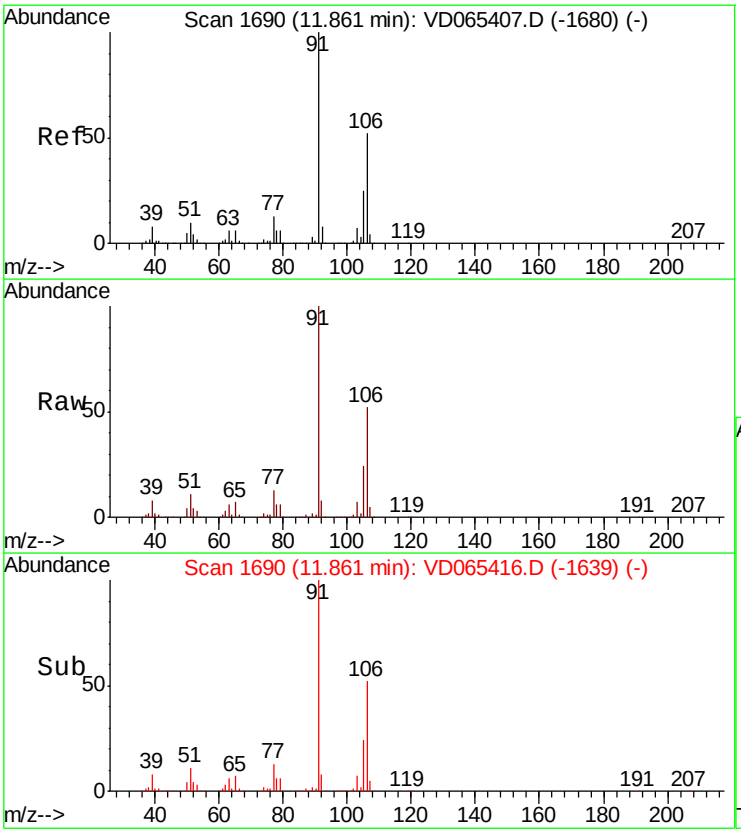
#67
Ethyl Benzene
Concen: 20.703 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 455673

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.2	37.8

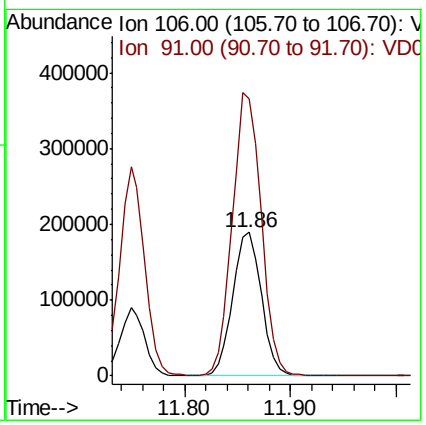


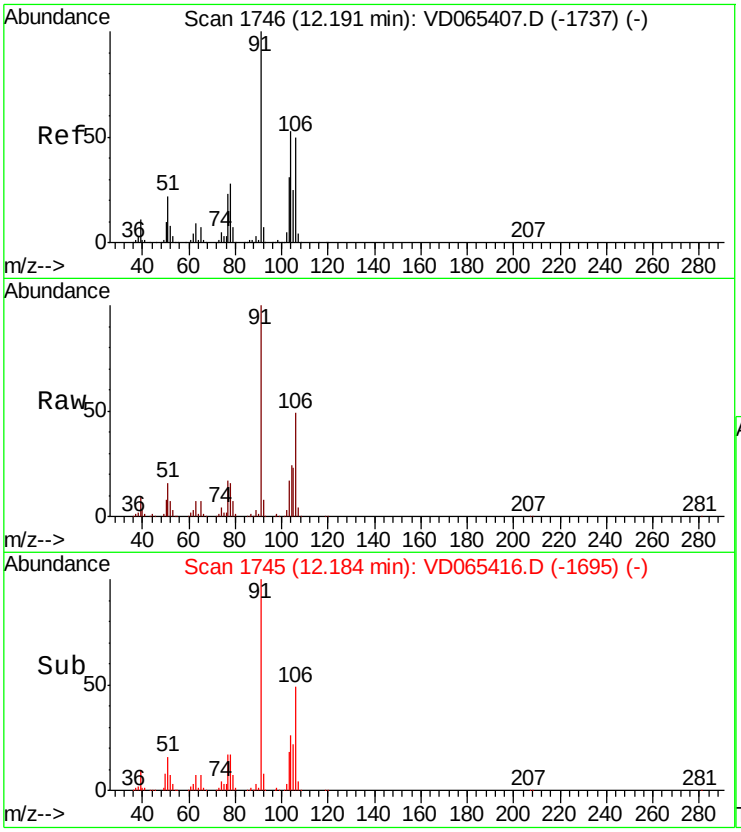


#68
m/p-Xylenes
Concen: 41.961 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:106 Resp: 356123

Ion	Ratio	Lower	Upper
106	100		
91	198.2	155.9	233.9



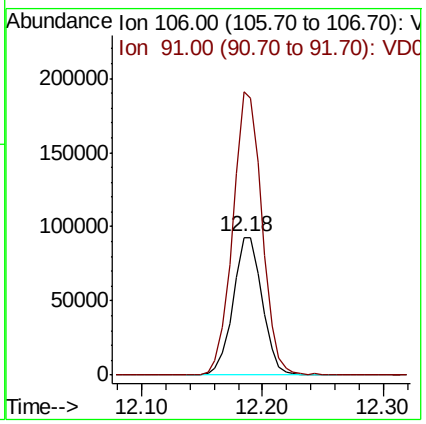


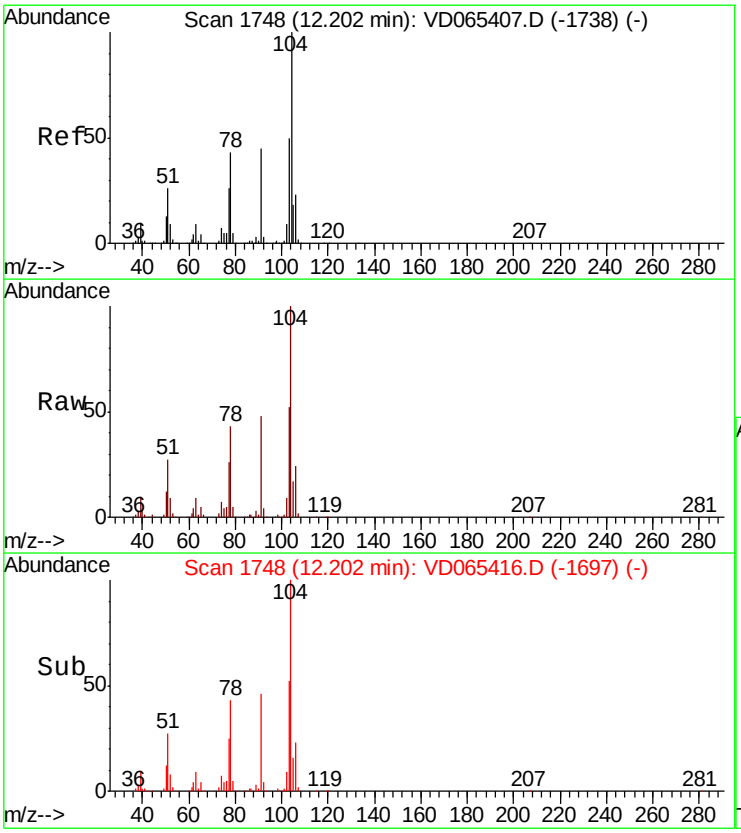
#69
o-Xylene
Concen: 21.046 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 157115

Ion	Ratio	Lower	Upper
106	100		
91	204.9	103.5	310.3

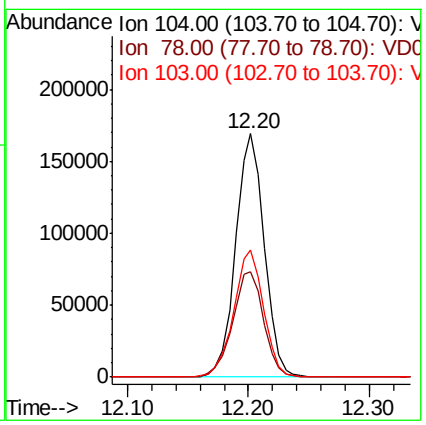


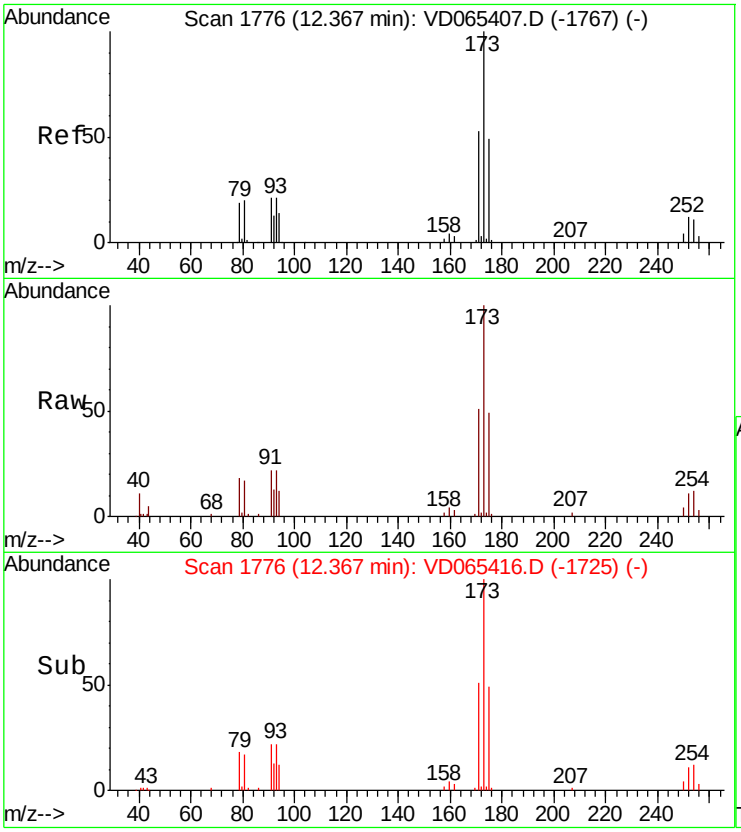


#70
Styrene
Concen: 21.280 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:104 Resp: 279597

Ion	Ratio	Lower	Upper
104	100		
78	47.0	37.7	56.5
103	54.7	43.6	65.4



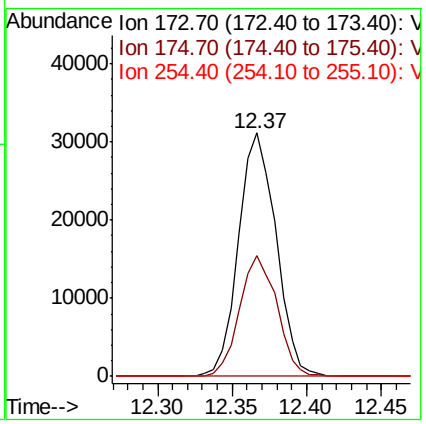


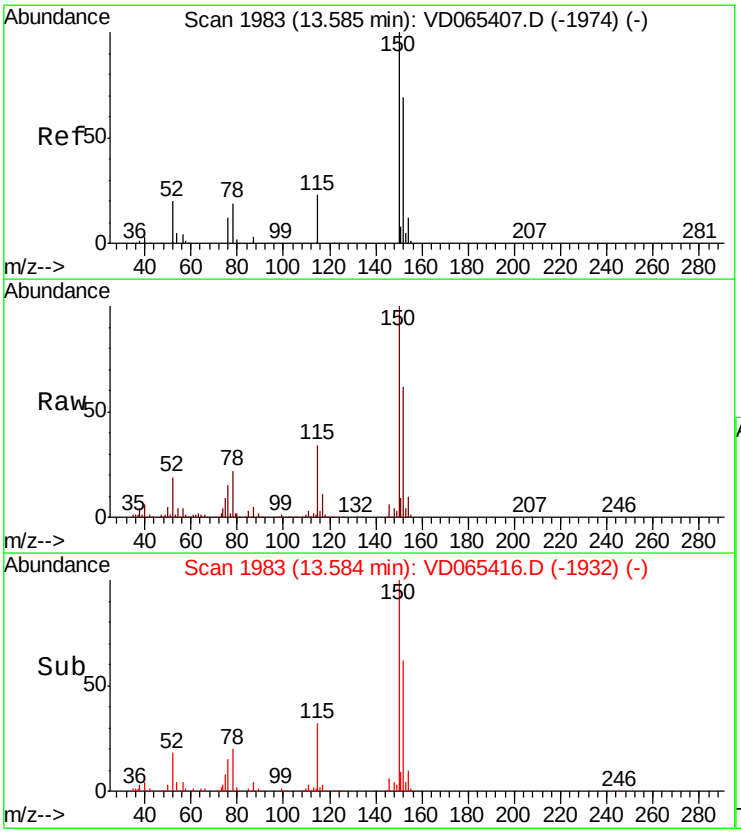
#71
Bromoform
Concen: 20.789 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 54175

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	73.0
254	0.0	0.1	0.1#

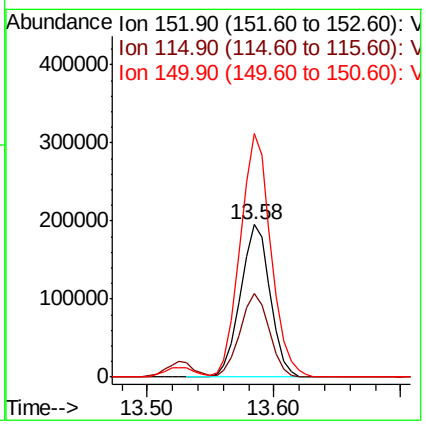


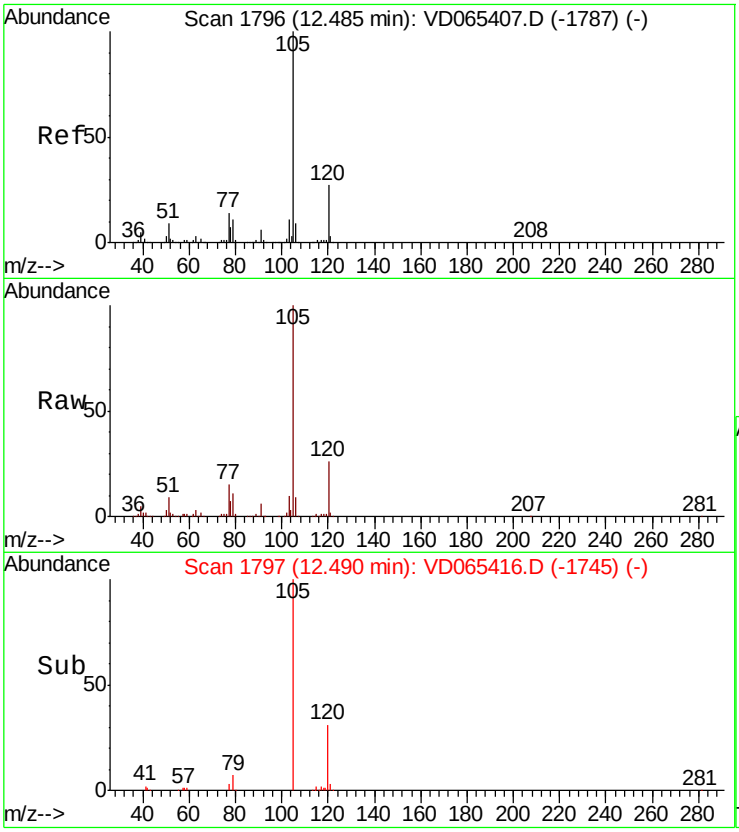


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:152 Resp: 316191

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.6	82.8
150	165.1	0.0	345.0



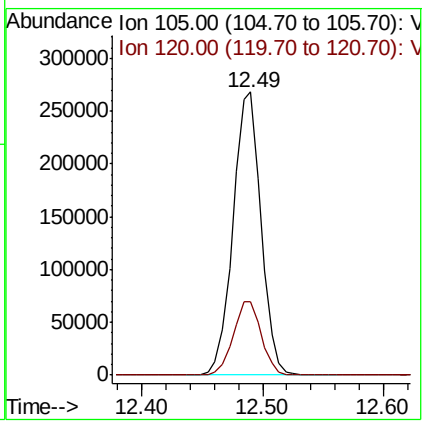


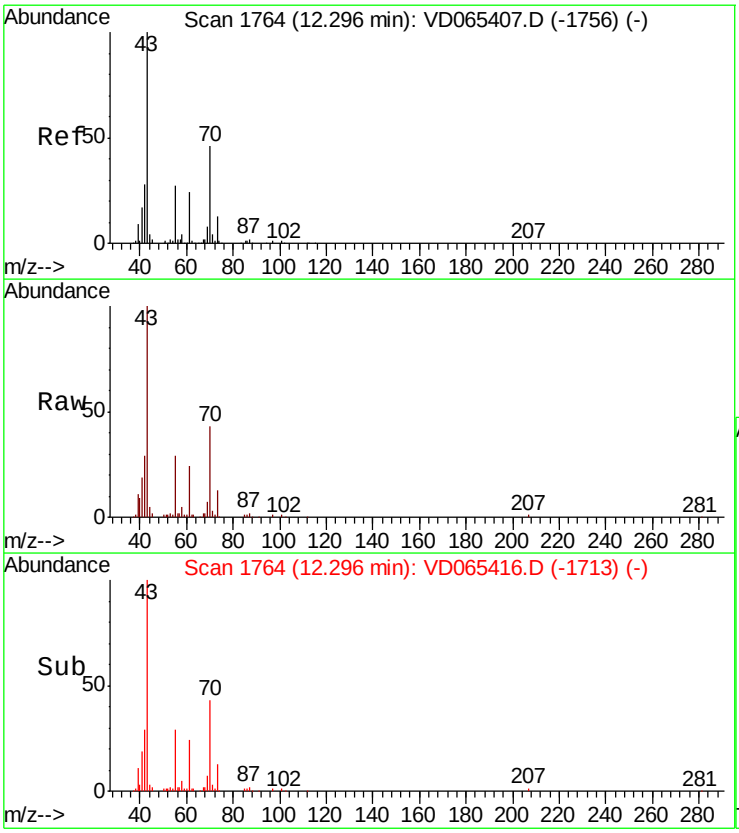
#73
Isopropylbenzene
Concen: 20.714 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 430805

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.4

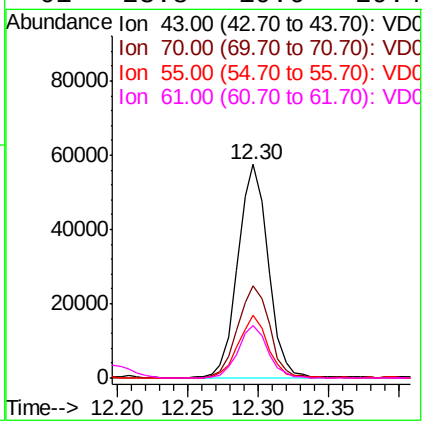


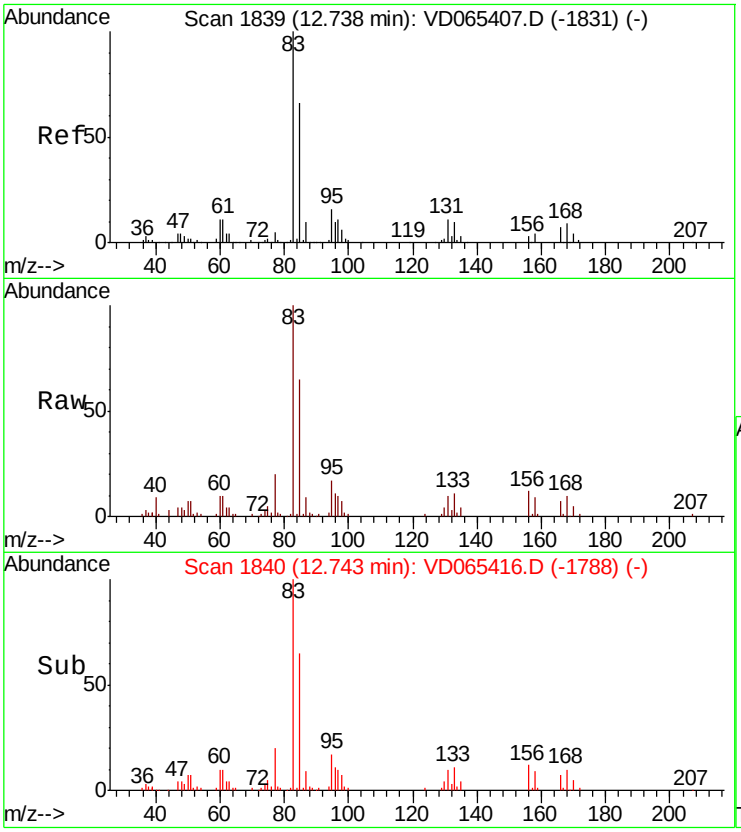


#74
N-amyl acetate
Concen: 20.381 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 43 Resp: 86775

Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.1	54.1
55	28.7	21.6	32.4
61	23.8	19.6	29.4



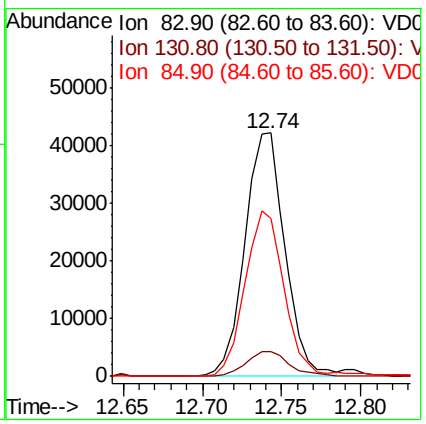


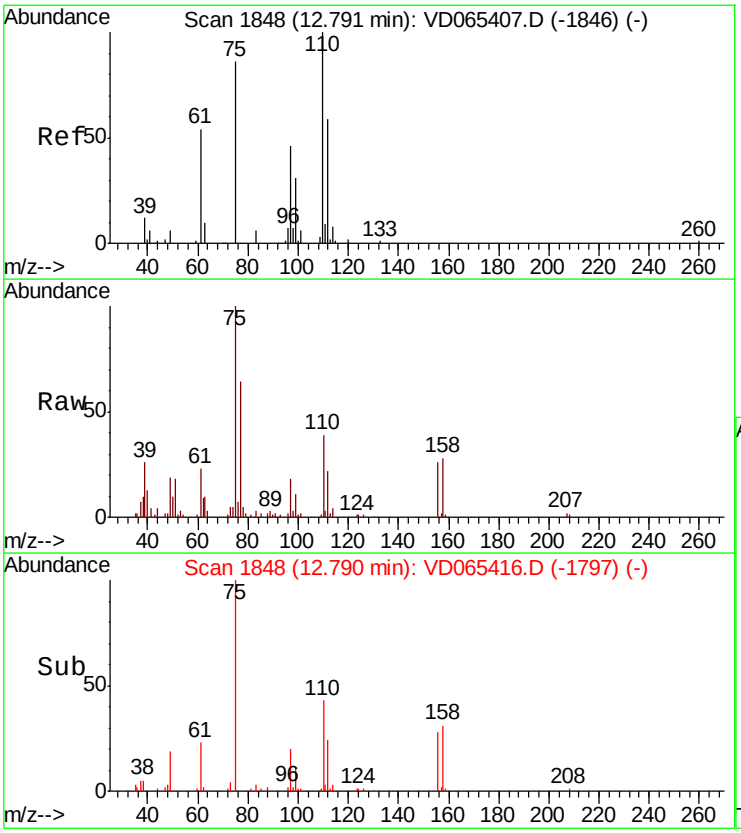
#75
1,1,2,2-Tetrachloroethane
Concen: 20.293 ug/l
RT: 12.74 min Scan# 1840
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 74185

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.4	16.2
85	65.8	33.0	98.9

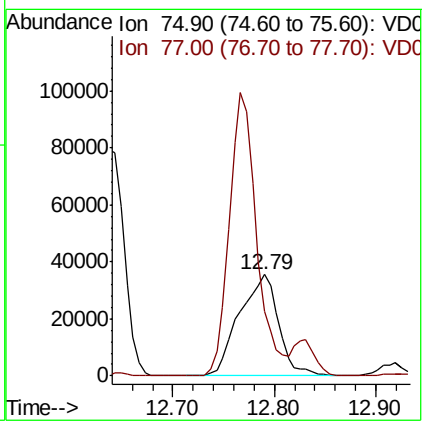


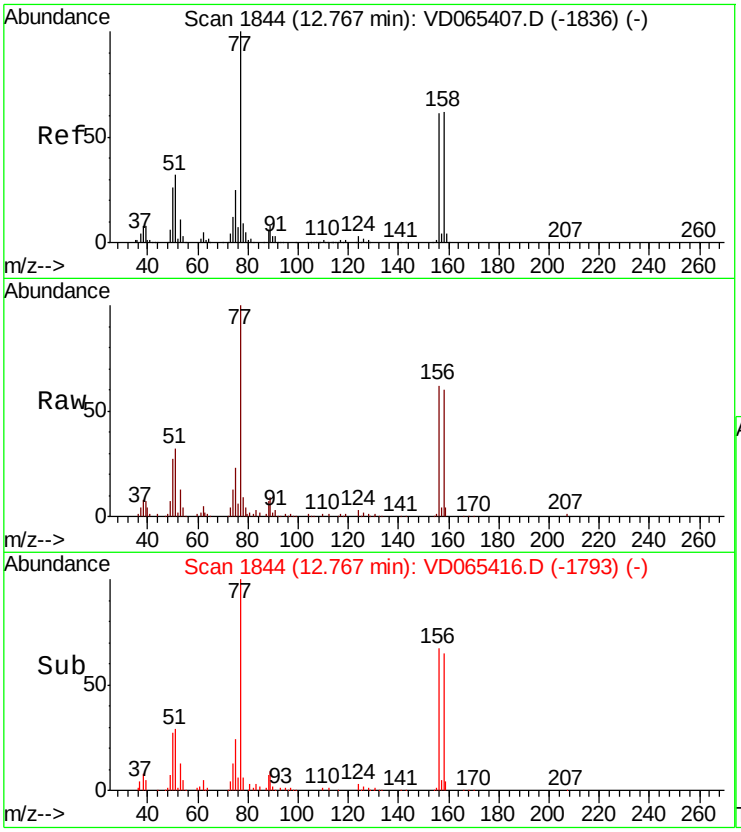


#76
1,2,3-Trichloropropane
Concen: 38.210 ug/l
RT: 12.79 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 75 Resp: 95335

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



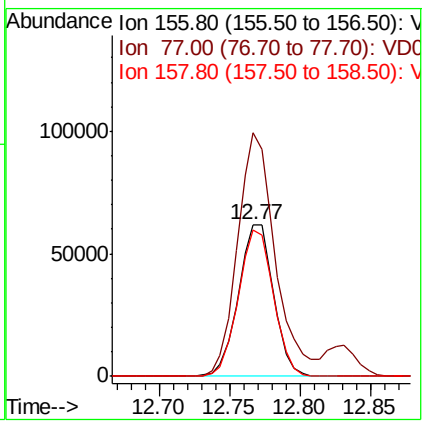


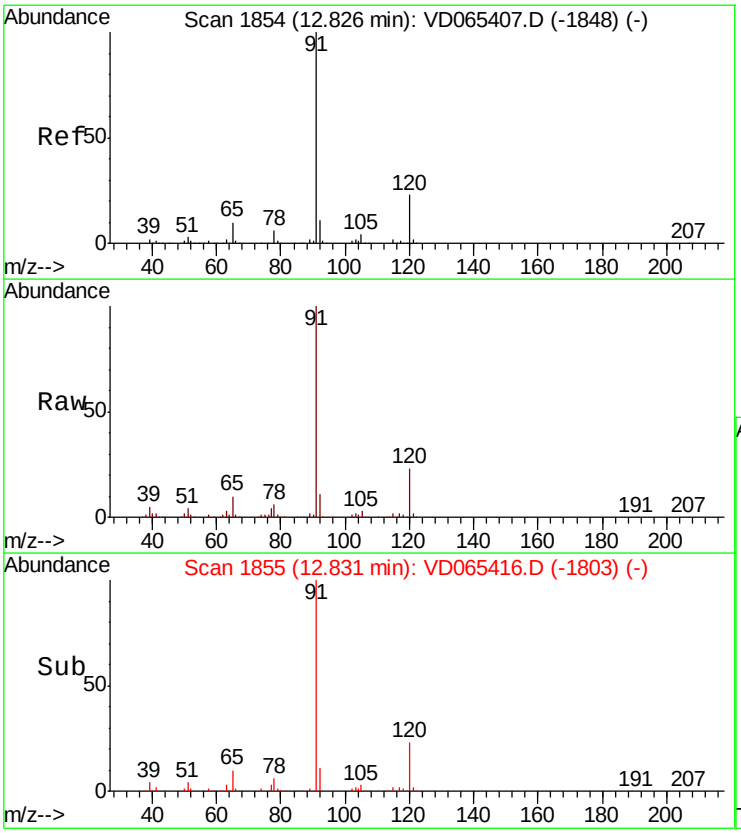
#77
Bromobenzene
Concen: 20.864 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 107806

Ion	Ratio	Lower	Upper
156	100		
77	173.3	84.9	254.6
158	96.5	49.0	147.2

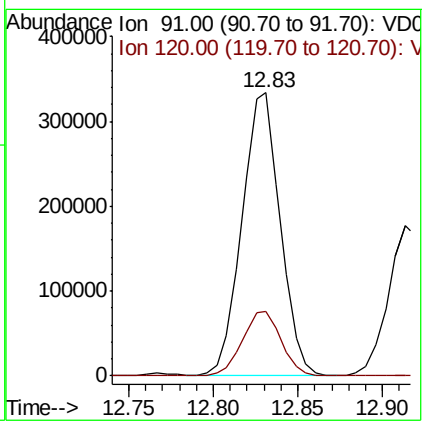


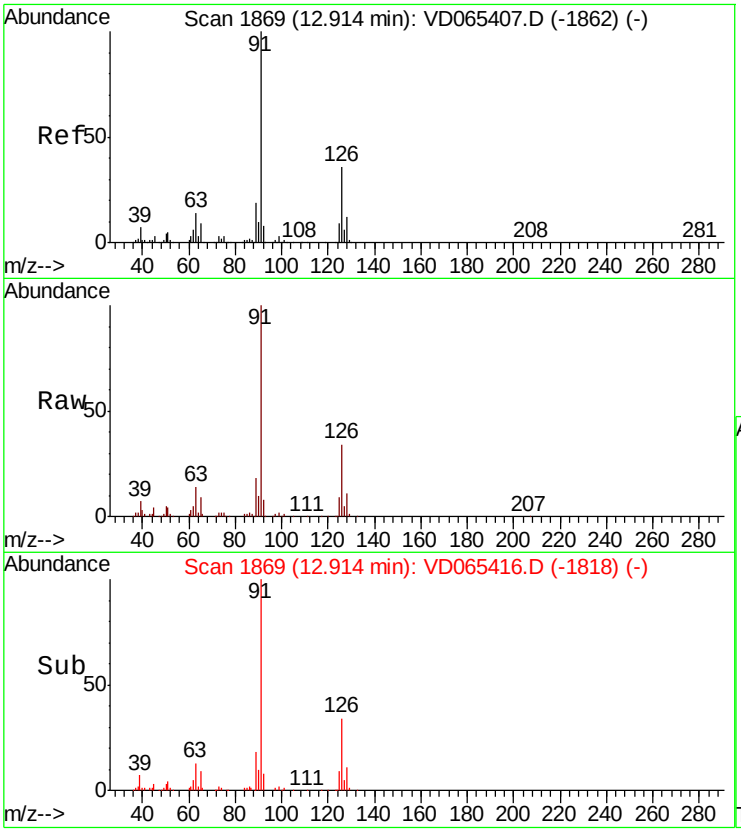


#78
n-propylbenzene
Concen: 21.232 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 91 Resp: 523914

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5



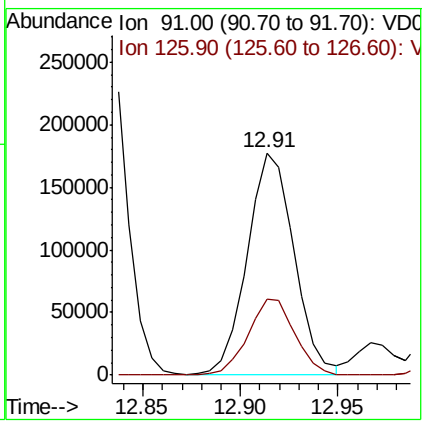


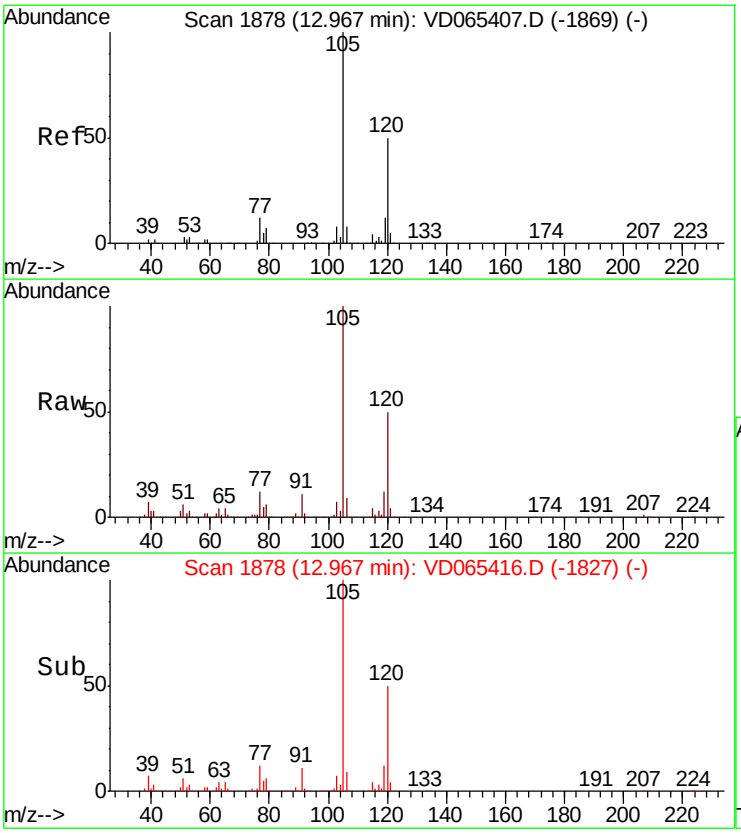
#79
2-Chlorotoluene
Concen: 21.102 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 293468

Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.9	53.8

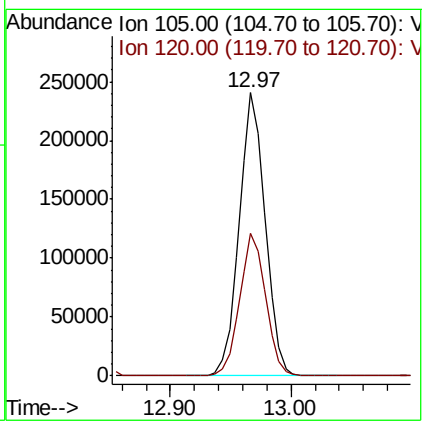


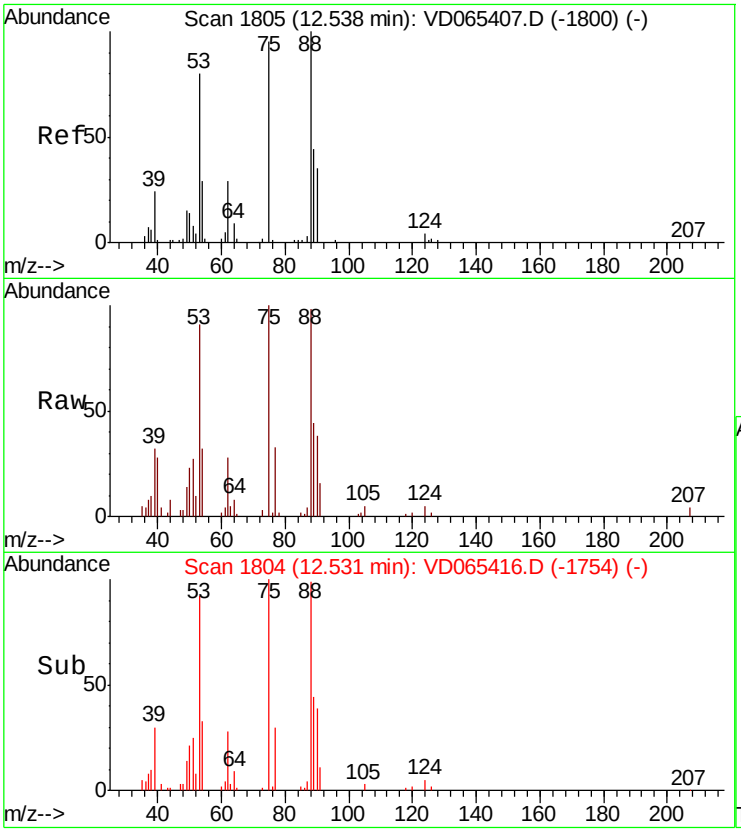


#80
1,3,5-Trimethylbenzene
Concen: 21.238 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:105 Resp: 363127

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.4	76.0



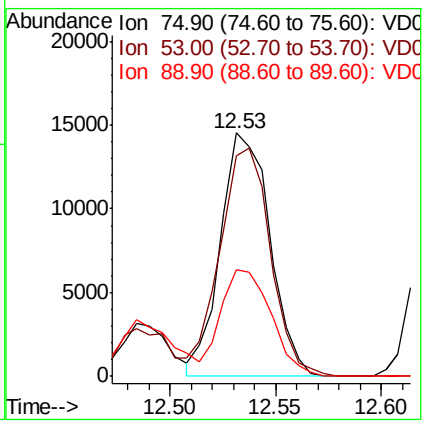


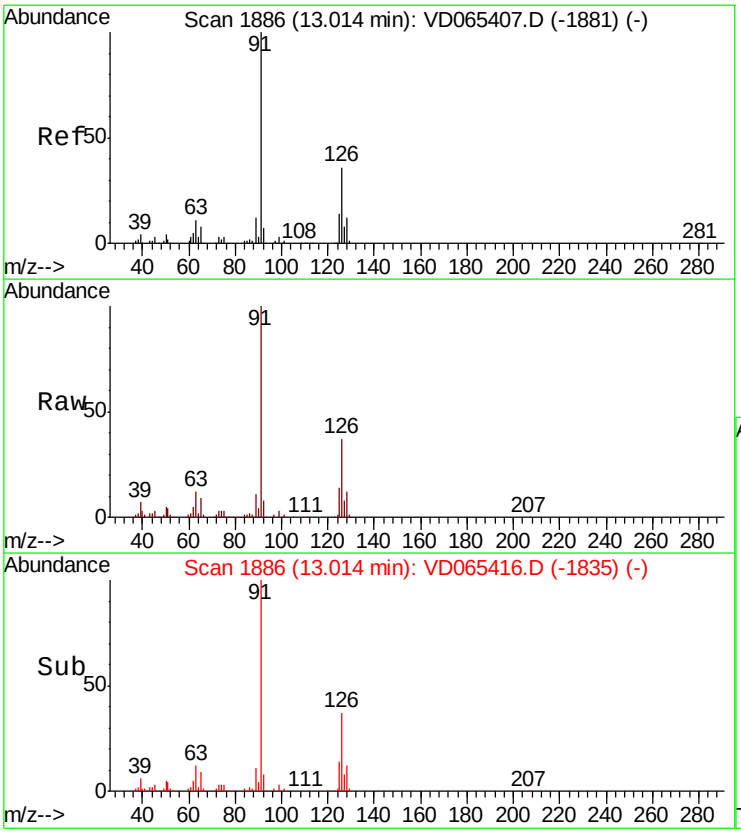
#81
trans-1,4-Dichloro-2-butene
Concen: 19.968 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 23608

Ion	Ratio	Lower	Upper
75	100		
53	97.7	71.3	106.9
89	44.4	37.0	55.6

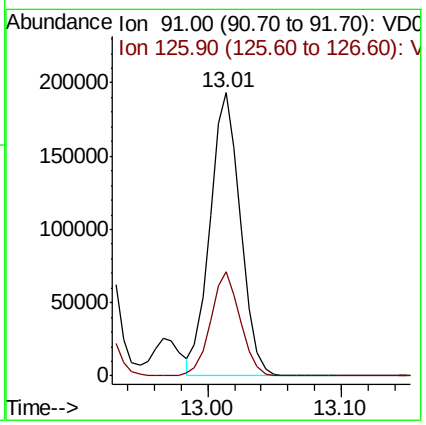


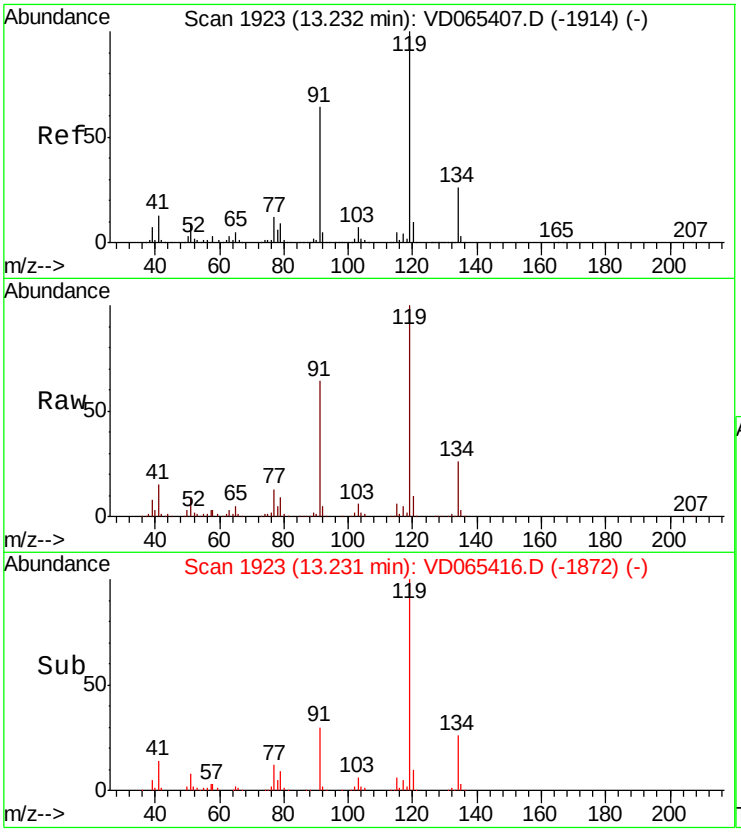


#82
4-Chlorotoluene
Concen: 21.092 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 91 Resp: 308244

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.8



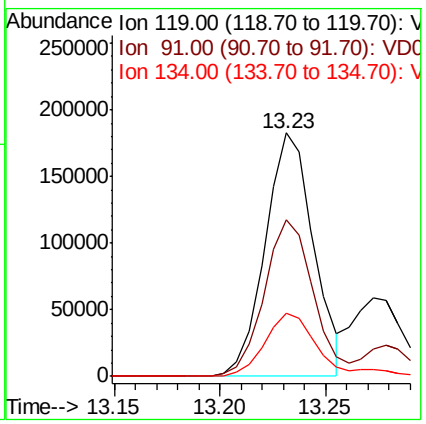


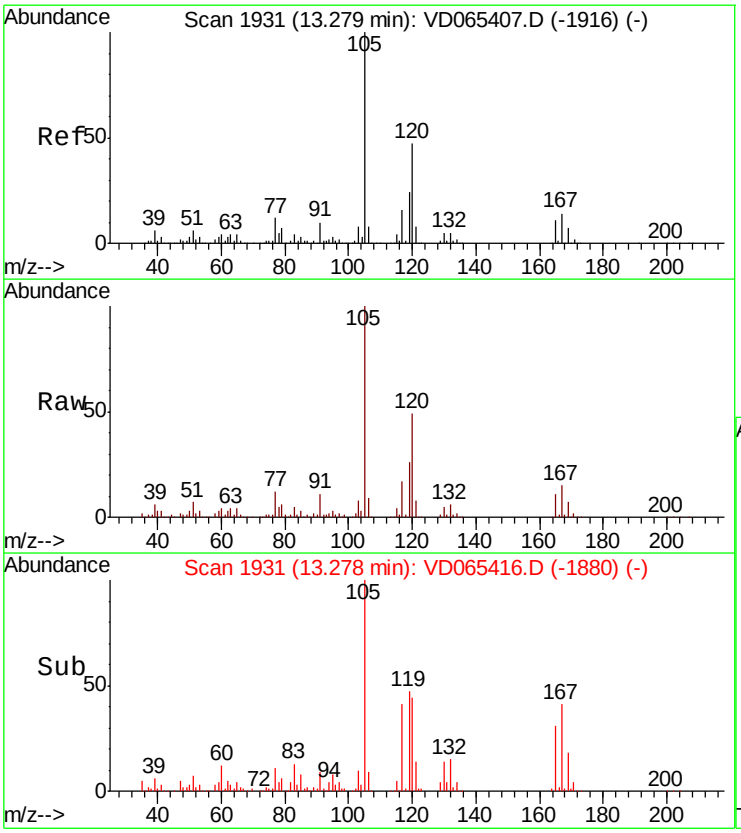
#83
tert-Butylbenzene
Concen: 20.122 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 291066

Ion	Ratio	Lower	Upper
119	100		
91	65.1	31.6	95.0
134	28.9	14.2	42.8

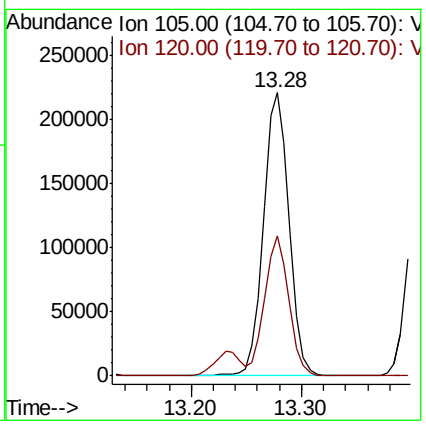


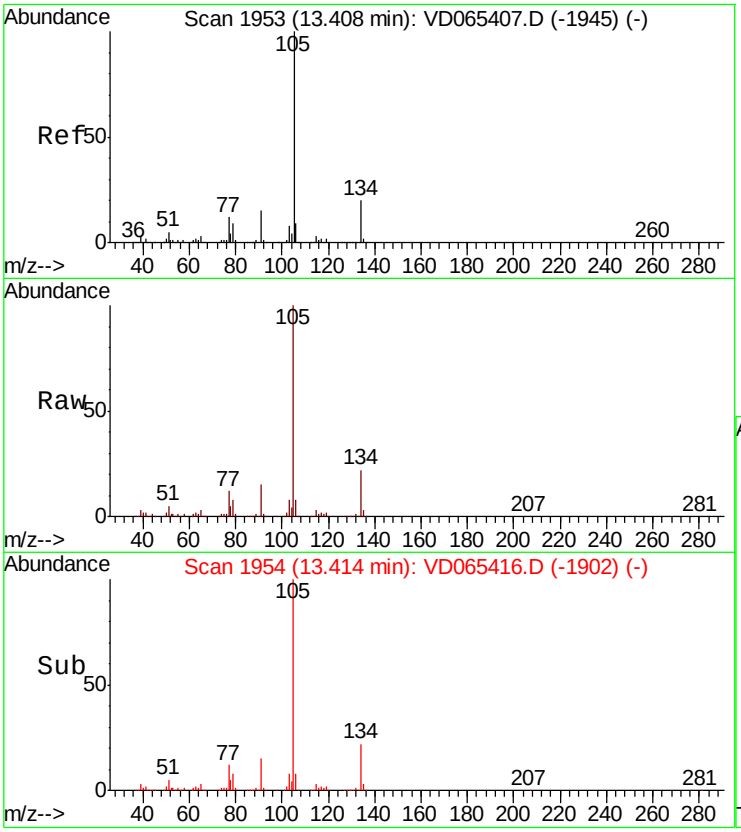


#84
1,2,4-Trimethylbenzene
Concen: 21.223 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:105 Resp: 357682

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3



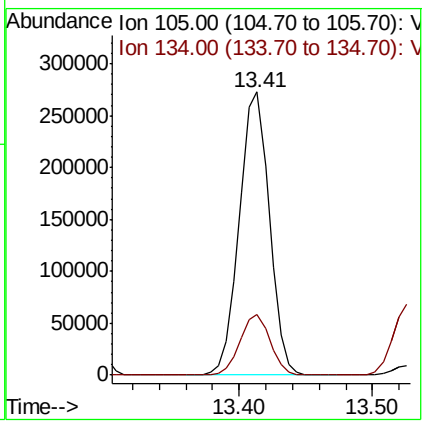


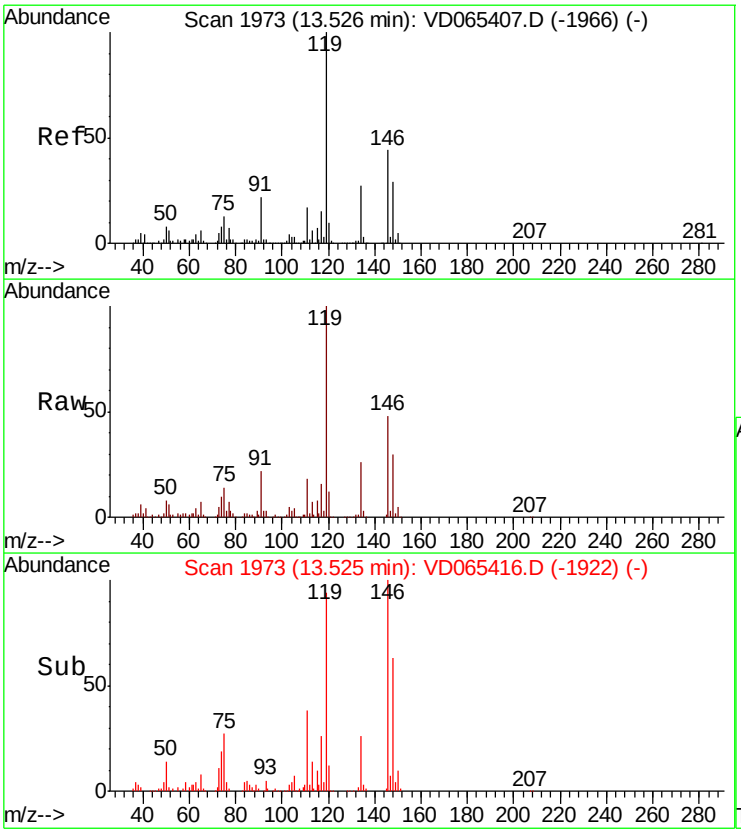
#85
sec-Butylbenzene
Concen: 20.503 ug/l
RT: 13.41 min Scan# 1954
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 423334

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.3	30.9

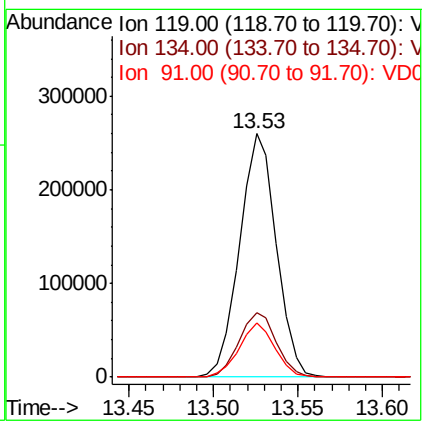


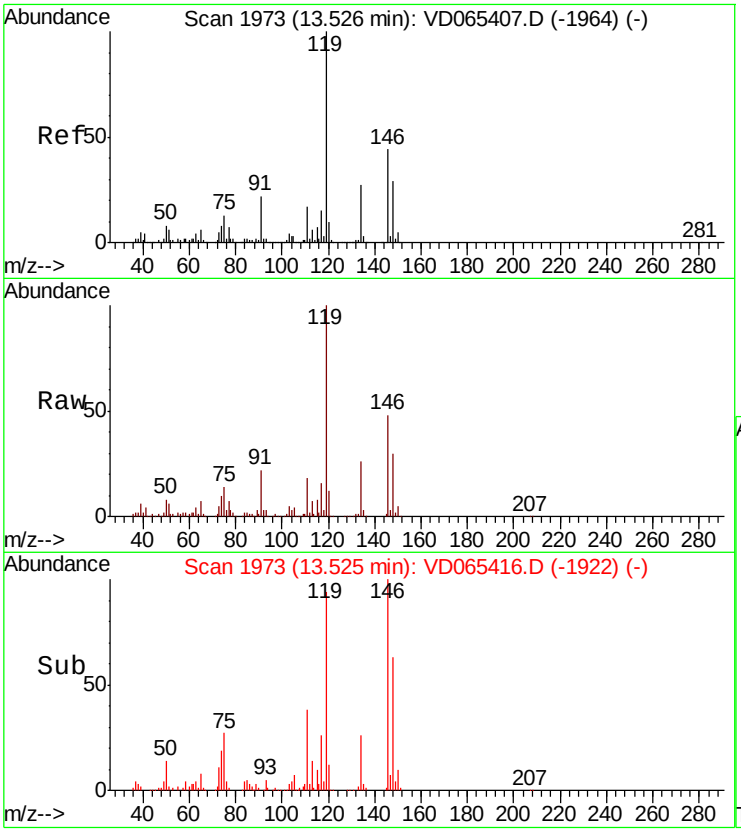


#86
p-Isopropyltoluene
Concen: 20.779 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:119 Resp: 391499

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.9
91	21.4	10.9	32.6



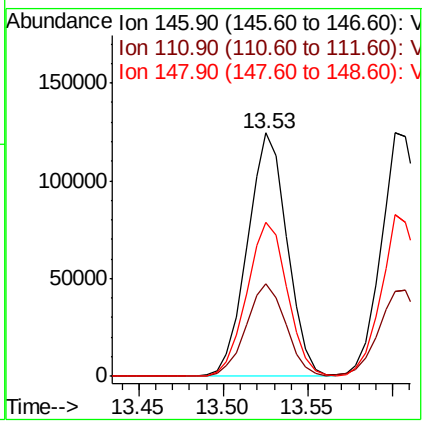


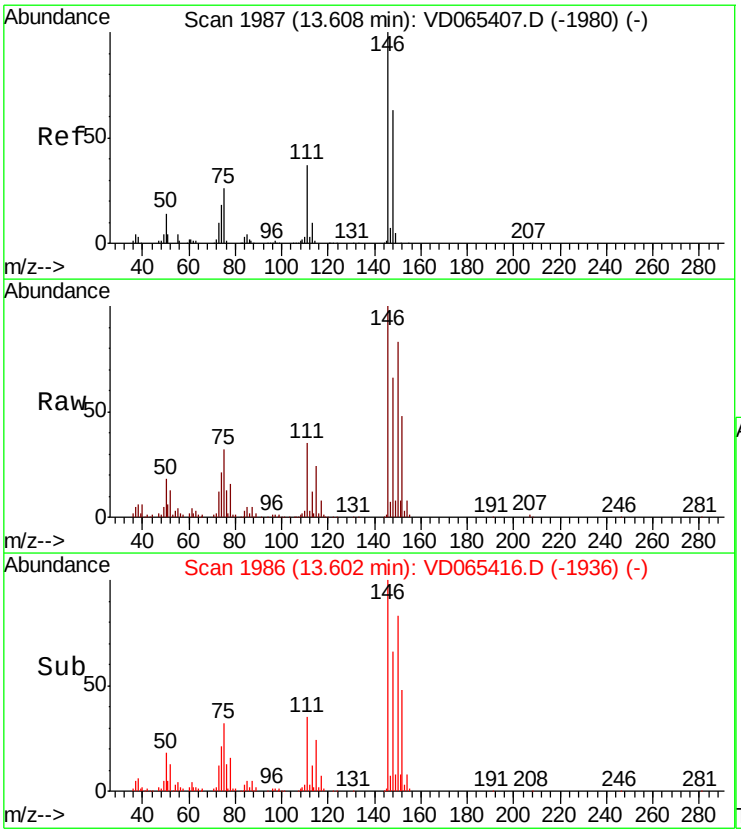
#87
1,3-Dichlorobenzene
Concen: 20.471 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 203364

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.6	32.3	96.8

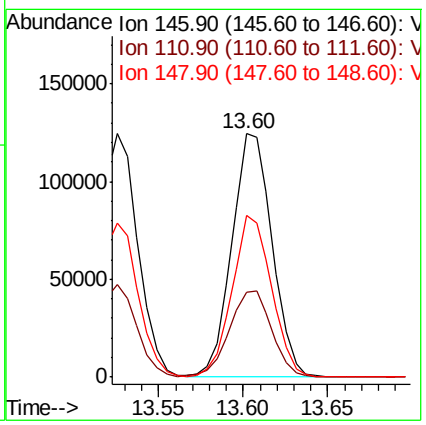


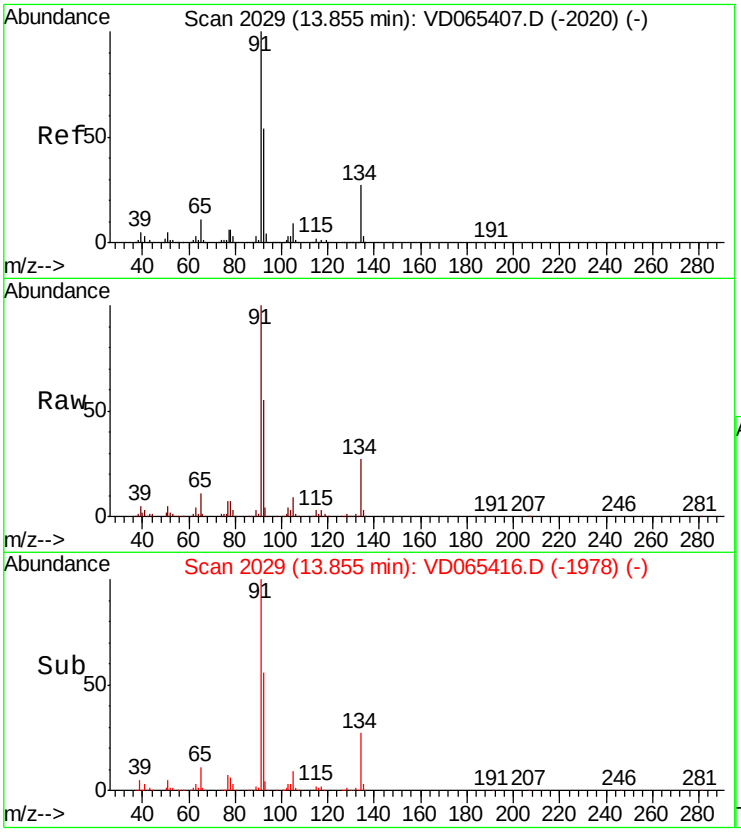


#88
1,4-Dichlorobenzene
Concen: 20.897 ug/l
RT: 13.60 min Scan# 1986
Delta R.T. -0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:146 Resp: 206500

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.5	55.5
148	65.0	32.0	96.0



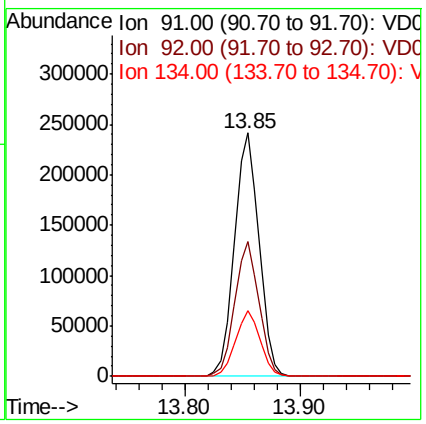


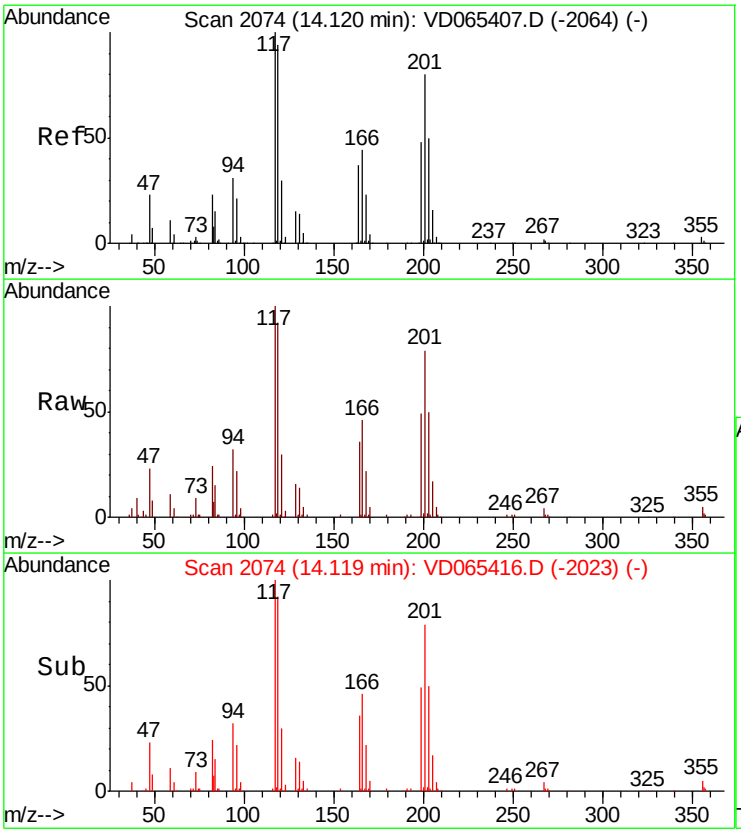
#89
n-Butylbenzene
Concen: 20.438 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 355988

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.4
134	26.7	13.4	40.2

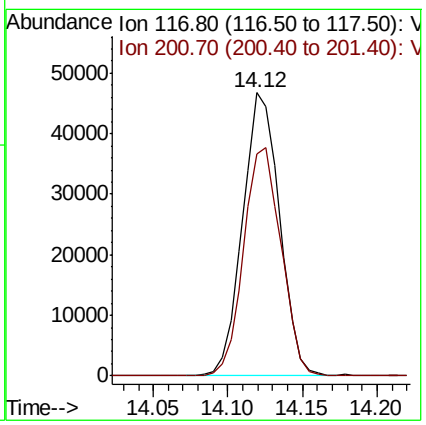


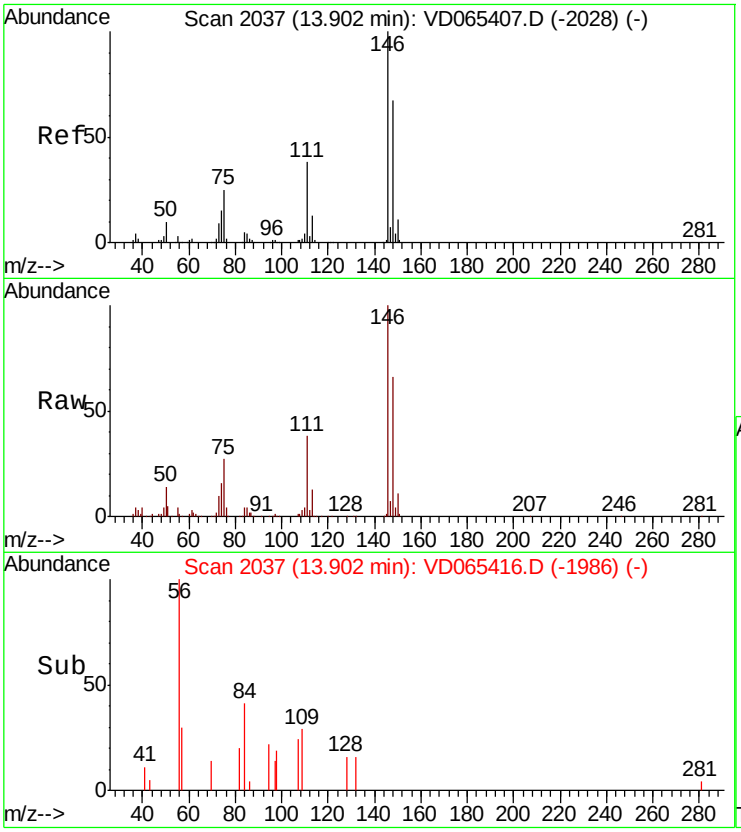


#90
Hexachloroethane
Concen: 20.581 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:117 Resp: 79853

Ion	Ratio	Lower	Upper
117	100		
201	81.7	41.9	125.6



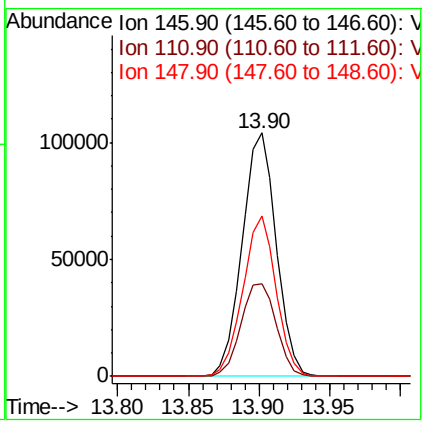


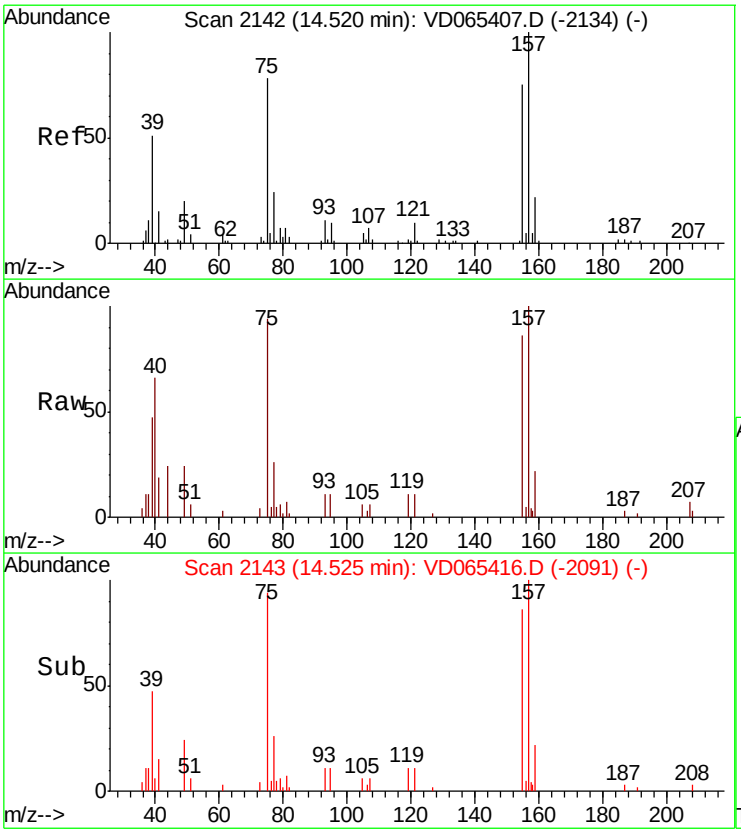
#91
1,2-Dichlorobenzene
Concen: 20.847 ug/l
RT: 13.90 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 176238

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.0	32.6	97.8

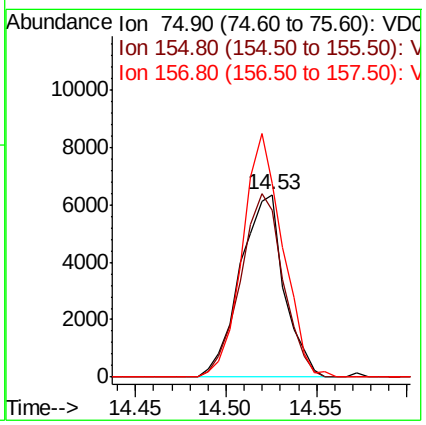


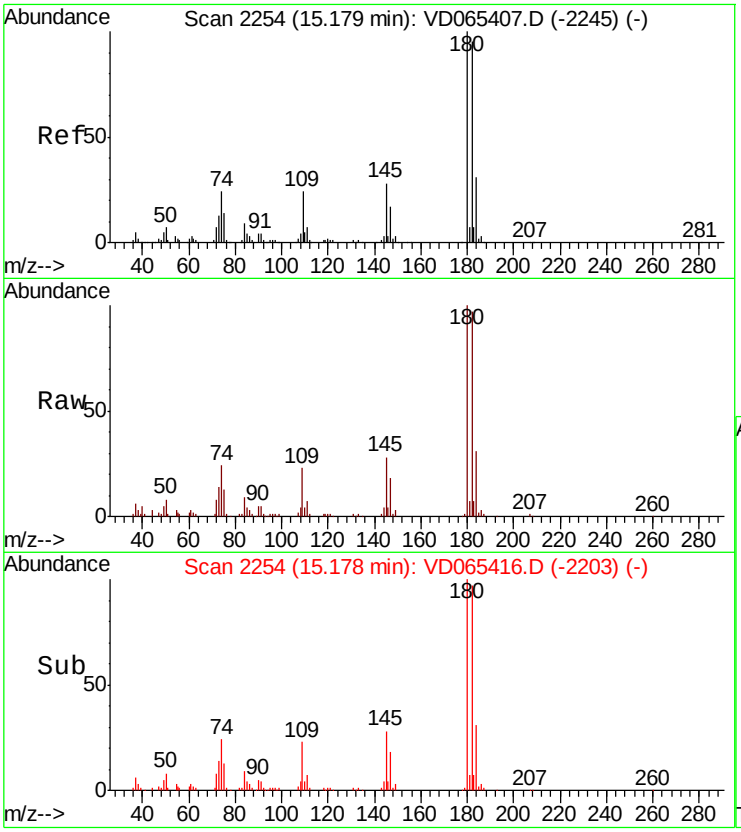


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.273 ug/l
RT: 14.53 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion: 75 Resp: 10730

Ion	Ratio	Lower	Upper
75	100		
155	97.7	46.4	139.1
157	121.5	60.2	180.4



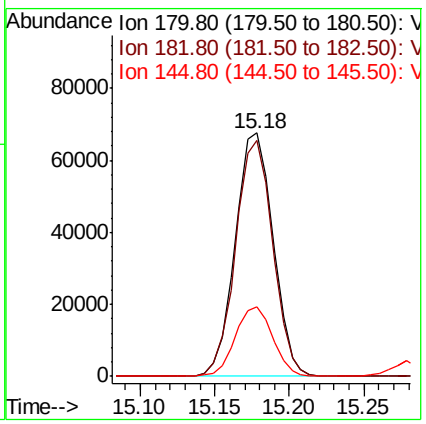


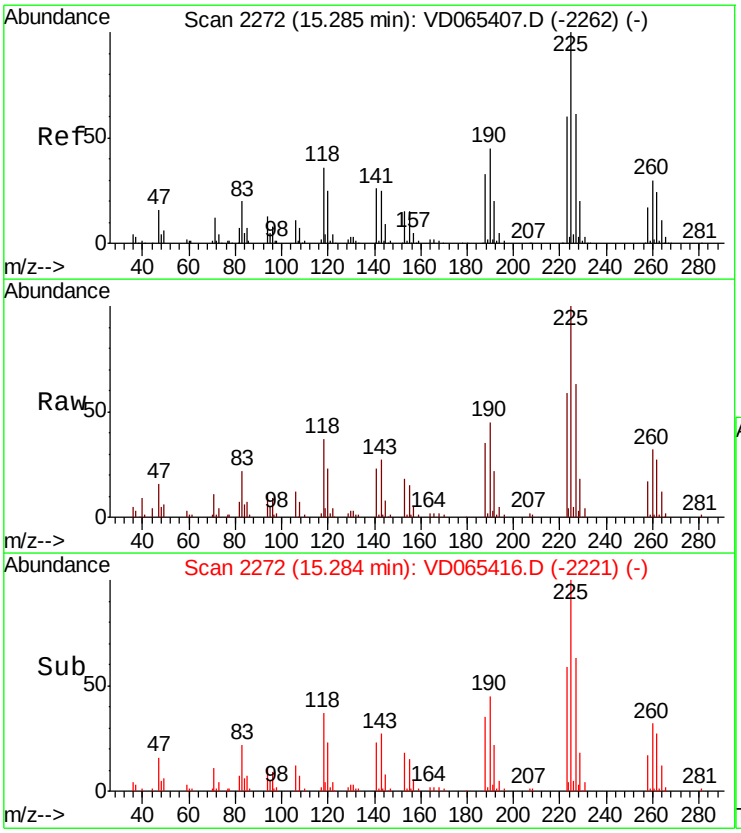
#93
1,2,4-Trichlorobenzene
Concen: 20.740 ug/l
RT: 15.18 min Scan# 2254
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 118837

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.9
145	28.4	14.4	43.4

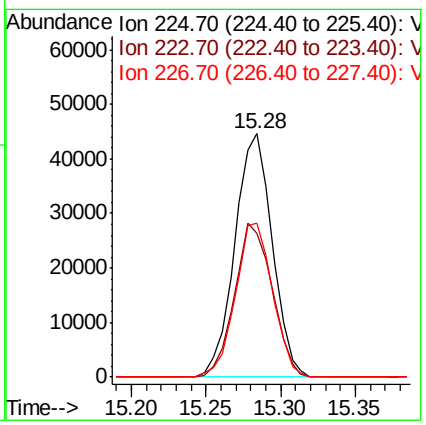


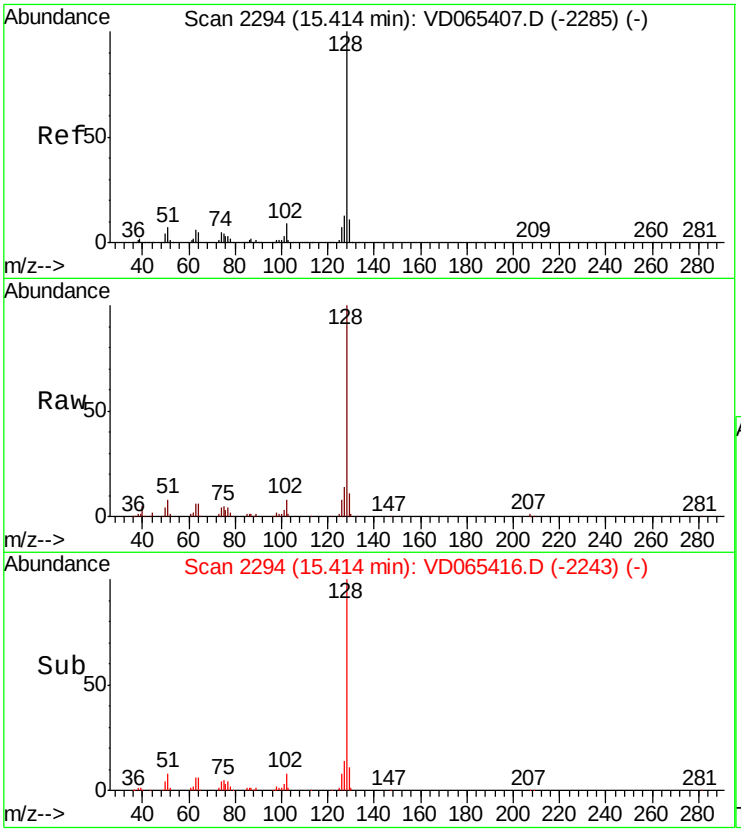


#94
Hexachlorobutadiene
Concen: 20.583 ug/l
RT: 15.28 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:225 Resp: 77492

Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.5
227	62.7	31.6	94.7



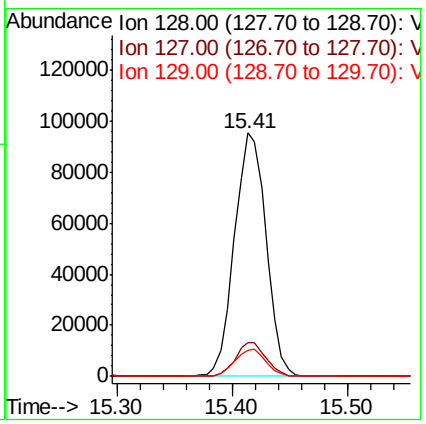


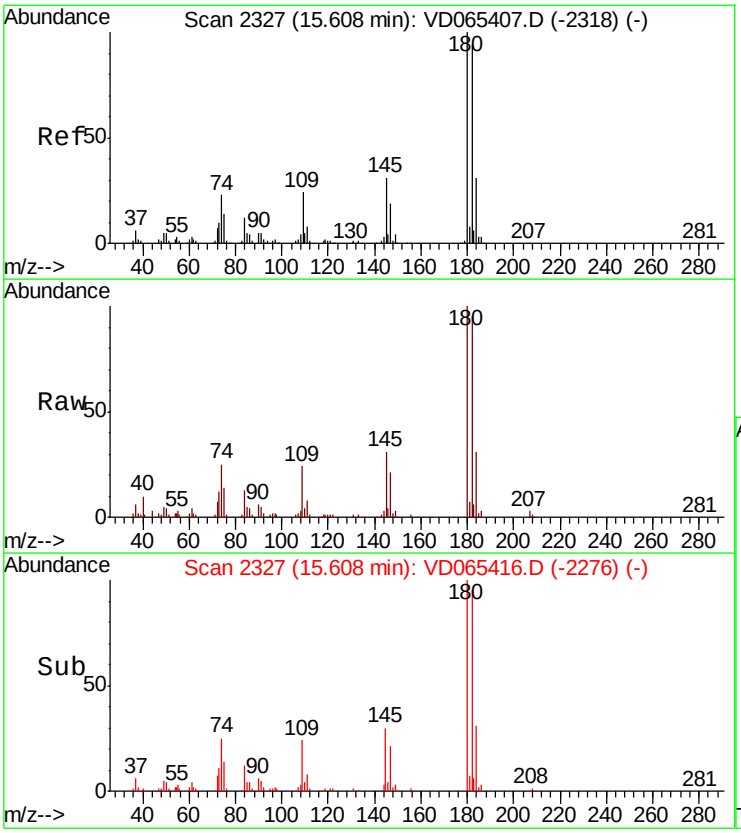
#95
Naphthalene
Concen: 20.589 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Instrument :
MSVOA_D
ClientSampleId :

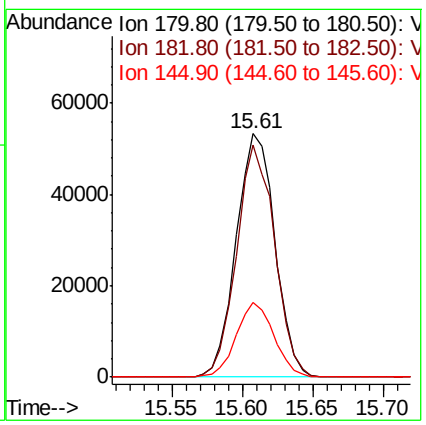
Tgt Ion:128 Resp: 181222

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.1	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 20.707 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065416.D
Acq: 04 Mar 2020 17:46

Tgt Ion:180 Resp: 102526

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.9	140.6
145	29.6	15.0	45.1