Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040920\
Data File : VD065608.D
Acq On : 09 Apr 2020 11:35
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 10 01:15:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.99	168	470185	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.87	114	656786	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.65	117	626046	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323293	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.33	65	86174	19.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 38.76%				
35) Dibromofluoromethane	7.92	113	90483	19.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 39.44%				
50) Toluene-d8	10.34	98	334581	19.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 39.94%				
62) 4-Bromofluorobenzene	12.64	95	104789	19.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 38.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.99	85	81360	19.189	ug/l		100
3) Chloromethane	2.21	50	105027	19.920	ug/l		98
4) Vinyl Chloride	2.35	62	97866	19.853	ug/l		98
5) Bromomethane	2.76	94	67193	19.327	ug/l		96
6) Chloroethane	2.92	64	59525	19.608	ug/l		98
7) Trichlorofluoromethane	3.27	101	146047	19.533	ug/l		98
8) Diethyl Ether	3.71	74	31722	20.535	ug/l		94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	96387	19.721	ug/l		99
10) Methyl Iodide	4.29	142	91773	19.081	ug/l		99
11) Tert butyl alcohol	5.25	59	21248	93.812	ug/l	#	94
12) 1,1-Dichloroethene	4.06	96	88519	19.636	ug/l		97
13) Acrolein	3.93	56	33013	105.945	ug/l		98
14) Allyl chloride	4.71	41	129675	19.392	ug/l		100
15) Acrylonitrile	5.44	53	89068	97.772	ug/l		98
16) Acetone	4.16	43	75746	94.331	ug/l		92
17) Carbon Disulfide	4.40	76	294189	19.613	ug/l		98
18) Methyl Acetate	4.72	43	47570	20.183	ug/l		98
19) Methyl tert-butyl Ether	5.49	73	170484	19.563	ug/l		98
20) Methylene Chloride	4.96	84	101359	19.095	ug/l		94
21) trans-1,2-Dichloroethene	5.47	96	100260	19.596	ug/l		95
22) Diisopropyl ether	6.37	45	266767	20.754	ug/l		97
23) Vinyl Acetate	6.31	43	682509	103.337	ug/l		98
24) 1,1-Dichloroethane	6.27	63	168137	19.662	ug/l		98
25) 2-Butanone	7.23	43	105645	96.121	ug/l		99
26) 2,2-Dichloropropane	7.21	77	149433	19.527	ug/l		98
27) cis-1,2-Dichloroethene	7.21	96	102544	19.584	ug/l		99
28) Bromochloromethane	7.55	49	68247	19.885	ug/l		99
29) Tetrahydrofuran	7.57	42	68677	99.436	ug/l		99
30) Chloroform	7.71	83	179392	20.035	ug/l		97
31) Cyclohexane	7.99	56	153435	19.342	ug/l		95
32) 1,1,1-Trichloroethane	7.90	97	160235	19.802	ug/l		98
36) 1,1-Dichloropropene	8.11	75	134688	19.919	ug/l		99
37) Ethyl Acetate	7.30	43	51464	20.498	ug/l		97
38) Carbon Tetrachloride	8.10	117	146291	19.925	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040920\
Data File : VD065608.D
Acq On : 09 Apr 2020 11:35
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 10 01:15:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	150079	19.607	ug/l		95
40) Benzene	8.35	78	388438	20.106	ug/l		99
41) Methacrylonitrile	7.57	41	70175	47.817	ug/l	#	100
42) 1,2-Dichloroethane	8.43	62	108984	20.196	ug/l		99
43) Isopropyl Acetate	8.46	43	92597	20.215	ug/l		99
44) Trichloroethene	9.12	130	110218	19.850	ug/l		97
45) 1,2-Dichloropropane	9.39	63	94321	20.050	ug/l		98
46) Dibromomethane	9.48	93	51059	20.192	ug/l		100
47) Bromodichloromethane	9.67	83	133148	20.080	ug/l		97
48) Methyl methacrylate	9.46	41	42608	20.056	ug/l		99
49) 1,4-Dioxane	9.47	88	11498	429.353	ug/l		94
51) 4-Methyl-2-Pentanone	10.24	43	239997	101.669	ug/l		98
52) Toluene	10.41	92	247266	20.242	ug/l		100
53) t-1,3-Dichloropropene	10.63	75	118701	20.169	ug/l		96
54) cis-1,3-Dichloropropene	10.10	75	145622	20.208	ug/l		98
55) 1,1,2-Trichloroethane	10.81	97	72940	20.556	ug/l		97
56) Ethyl methacrylate	10.67	69	72340	20.213	ug/l		98
57) 1,3-Dichloropropane	10.95	76	118463	20.156	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.95	63	187445	99.735	ug/l		99
59) 2-Hexanone	10.99	43	157894	100.647	ug/l		99
60) Dibromochloromethane	11.14	129	94489	19.994	ug/l		99
61) 1,2-Dibromoethane	11.25	107	69452	20.590	ug/l		98
64) Tetrachloroethene	10.88	164	96936	19.466	ug/l		92
65) Chlorobenzene	11.67	112	267521	19.731	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.75	131	101232	19.600	ug/l		98
67) Ethyl Benzene	11.75	91	445459	19.897	ug/l		99
68) m/p-Xylenes	11.86	106	358777	40.618	ug/l		97
69) o-Xylene	12.19	106	155725	20.460	ug/l		97
70) Styrene	12.20	104	277466	20.620	ug/l		100
71) Bromoform	12.37	173	57583	19.879	ug/l	#	99
73) Isopropylbenzene	12.48	105	417025	20.245	ug/l		99
74) N-amyl acetate	12.30	43	81153	19.893	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	75465	19.929	ug/l		100
76) 1,2,3-Trichloropropane	12.79	75	95515	21.989	ug/l	#	100
77) Bromobenzene	12.77	156	111919	19.818	ug/l		98
78) n-propylbenzene	12.83	91	510454	20.533	ug/l		99
79) 2-Chlorotoluene	12.91	91	287533	20.181	ug/l		100
80) 1,3,5-Trimethylbenzene	12.97	105	361030	20.795	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.54	75	22810	20.377	ug/l		95
82) 4-Chlorotoluene	13.01	91	311928	20.340	ug/l		98
83) tert-Butylbenzene	13.23	119	293198	20.196	ug/l		99
84) 1,2,4-Trimethylbenzene	13.28	105	355704	20.617	ug/l		100
85) sec-Butylbenzene	13.41	105	420174	20.340	ug/l		99
86) p-Isopropyltoluene	13.53	119	390969	20.509	ug/l		100
87) 1,3-Dichlorobenzene	13.53	146	216280	19.860	ug/l		100
88) 1,4-Dichlorobenzene	13.61	146	216917	19.942	ug/l		99
89) n-Butylbenzene	13.86	91	337449	19.615	ug/l		99
90) Hexachloroethane	14.13	117	81892	19.692	ug/l		99
91) 1,2-Dichlorobenzene	13.90	146	185681	20.041	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11138	19.069	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040920\
Data File : VD065608.D
Acq On : 09 Apr 2020 11:35
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 10 01:15:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	117963	19.384	ug/l	97
94) Hexachlorobutadiene	15.28	225	82505	19.504	ug/l	99
95) Naphthalene	15.42	128	166791	18.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	104438	19.826	ug/l	99

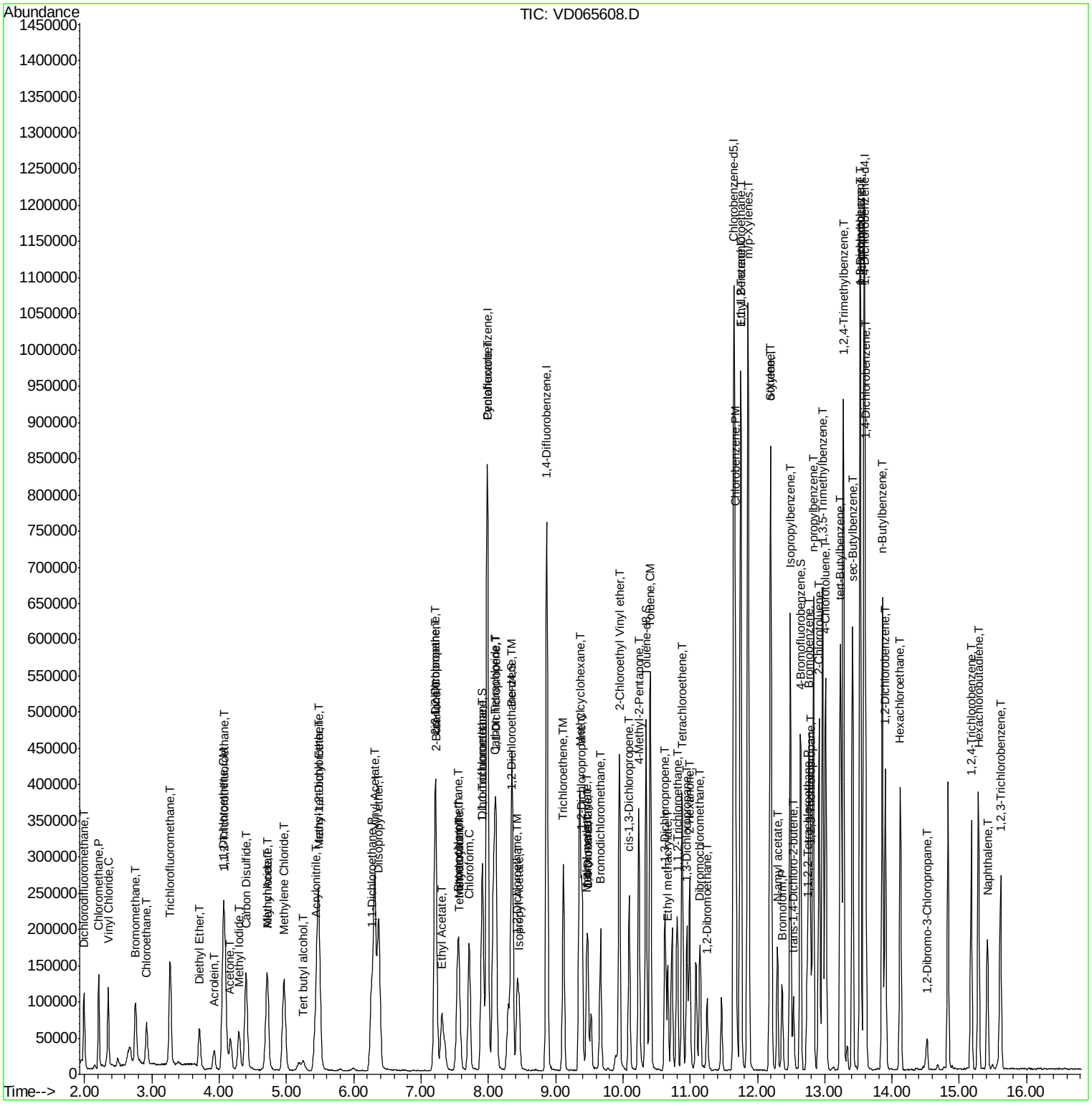
(#) = qualifier out of range (m) = manual integration (+) = signals summed

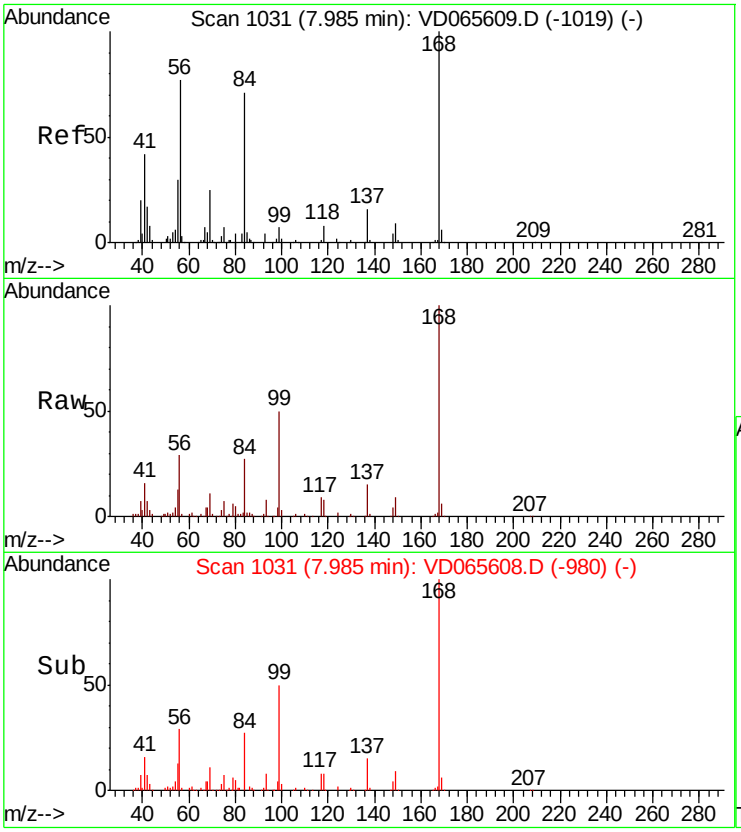
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040920\
Data File : VD065608.D
Acq On : 09 Apr 2020 11:35
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 10 01:15:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 10 01:11:51 2020
Response via : Initial Calibration



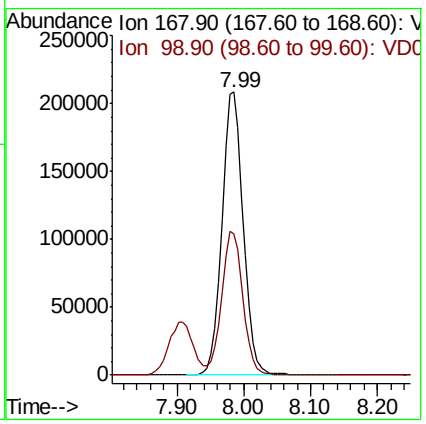


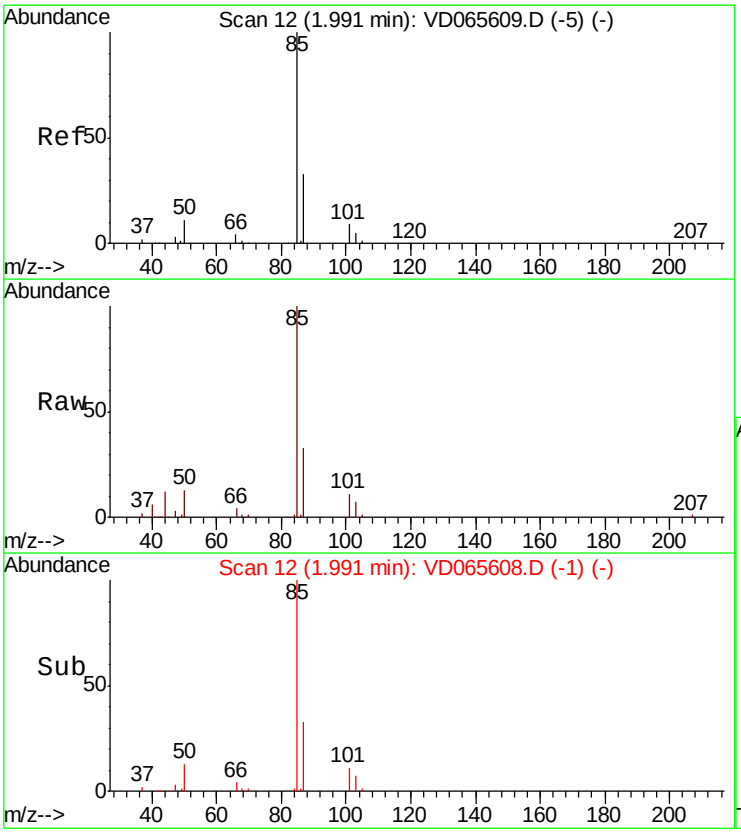
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 470185

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.2	60.2

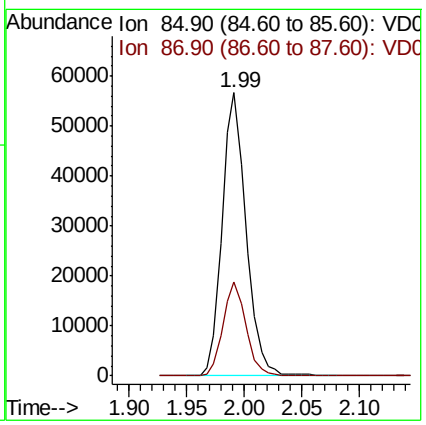


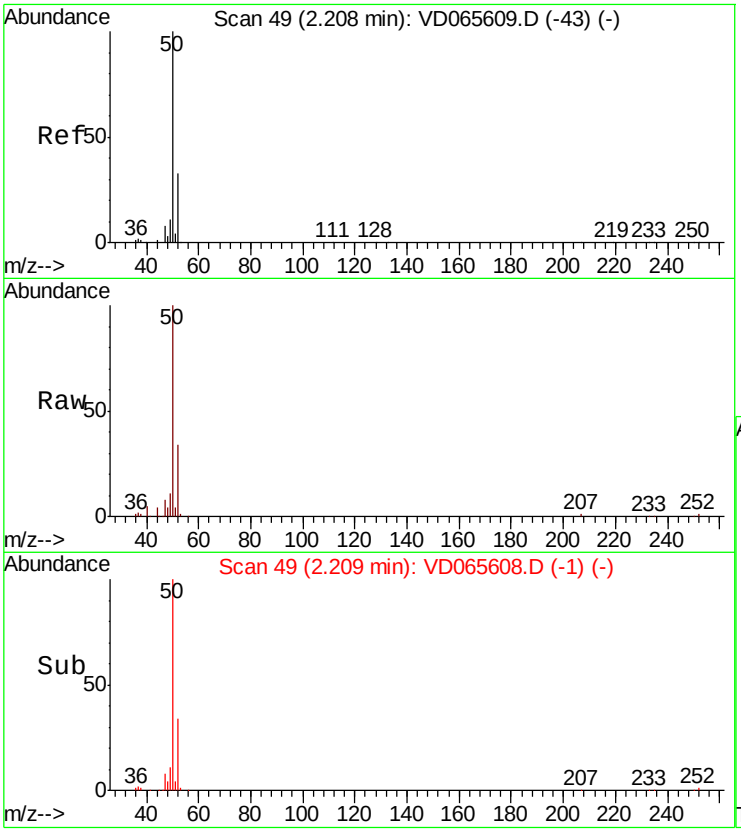


#2
Dichlorodifluoromethane
Concen: 19.189 ug/l
RT: 1.99 min Scan# 12
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 85 Resp: 81360

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.6	49.8



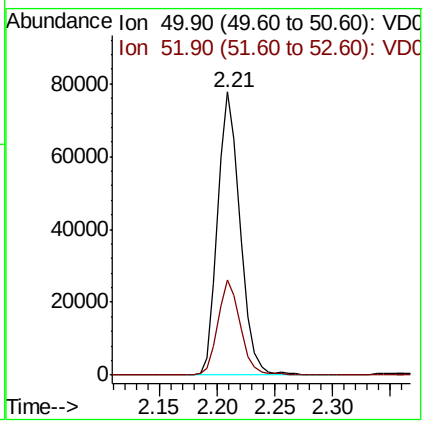


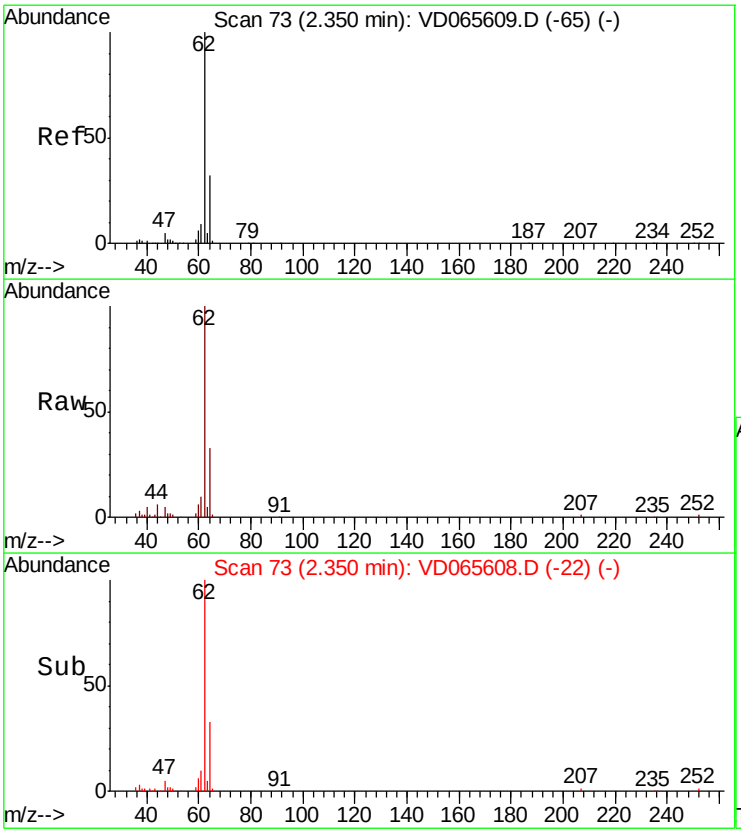
#3
Chloromethane
Concen: 19.920 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 105027

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.2	39.4

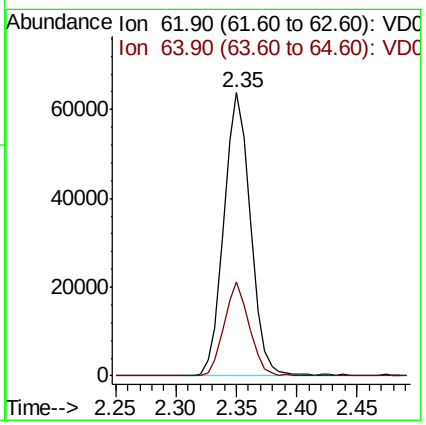


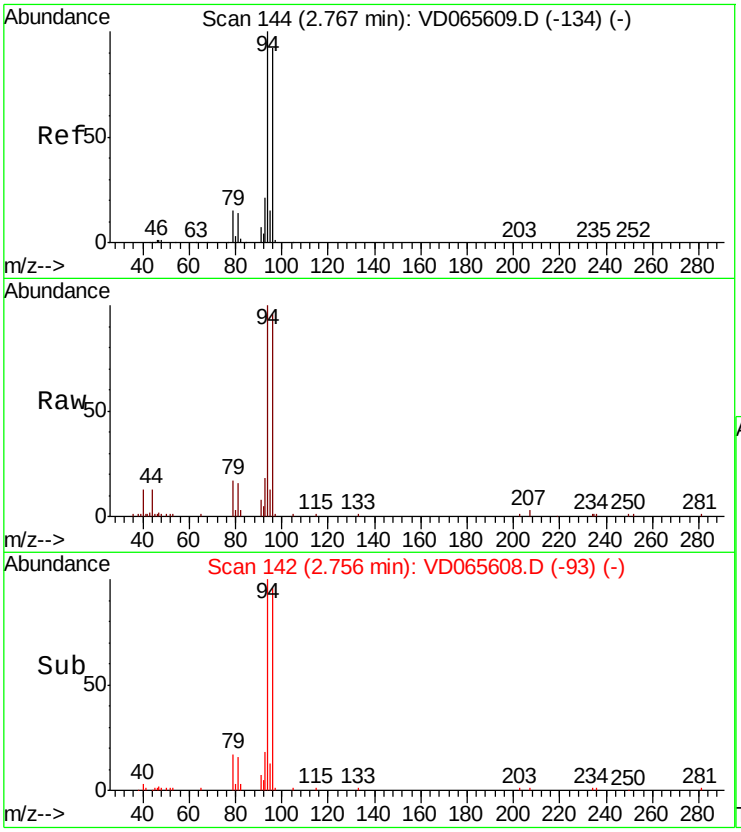


#4
Vinyl Chloride
Concen: 19.853 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 62 Resp: 97866

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.8	38.6



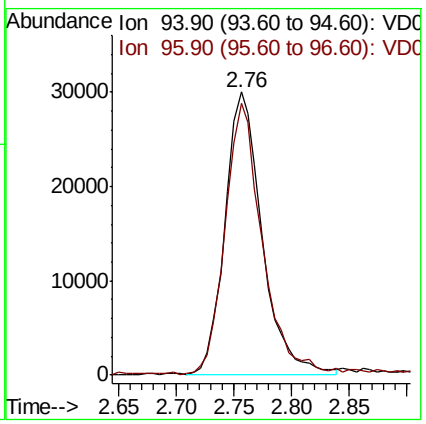


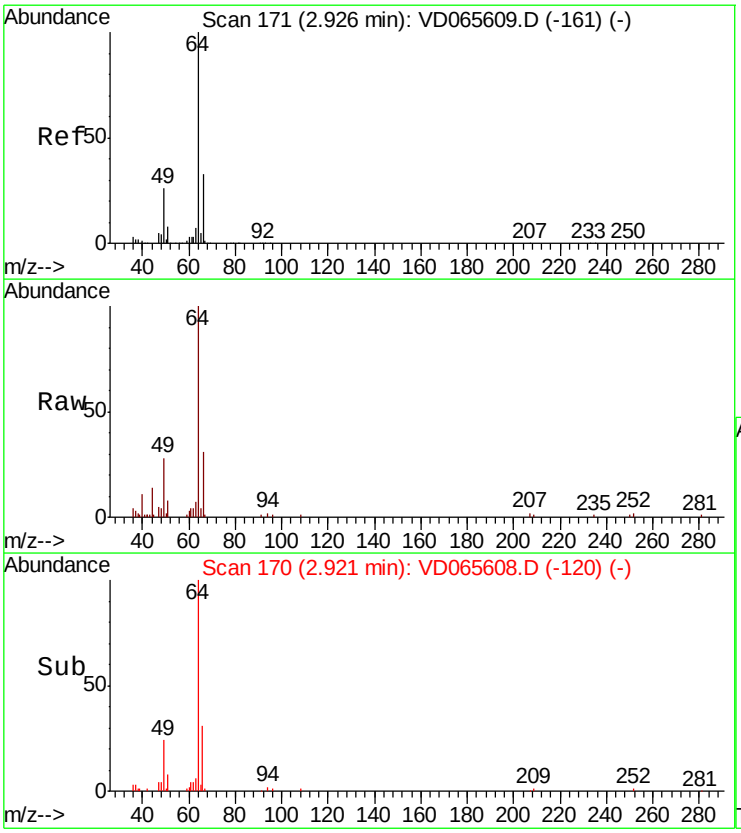
#5
Bromomethane
Concen: 19.327 ug/l
RT: 2.76 min Scan# 142
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 67193

Ion	Ratio	Lower	Upper
94	100		
96	95.3	73.3	109.9

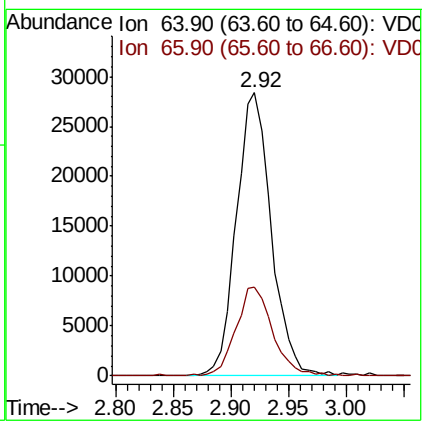


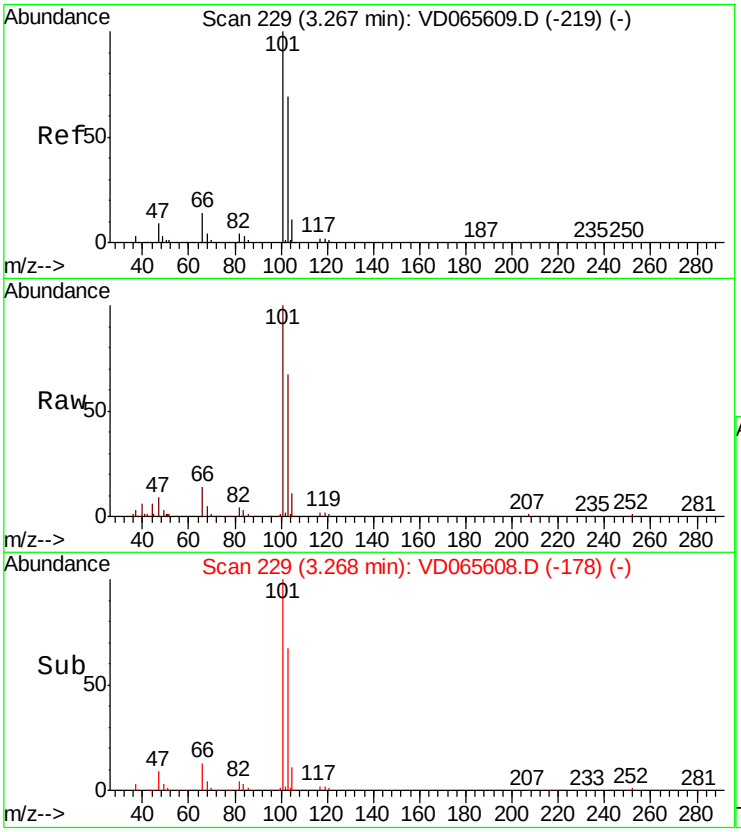


#6
Chloroethane
Concen: 19.608 ug/l
RT: 2.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 64 Resp: 59525

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.1	39.1



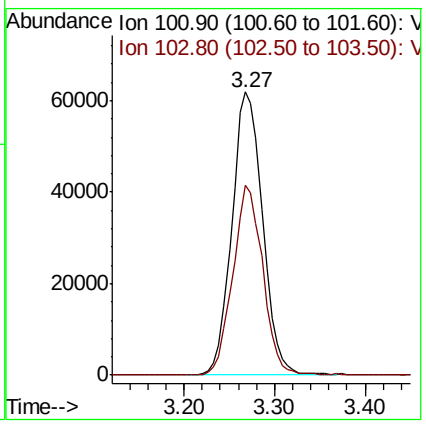


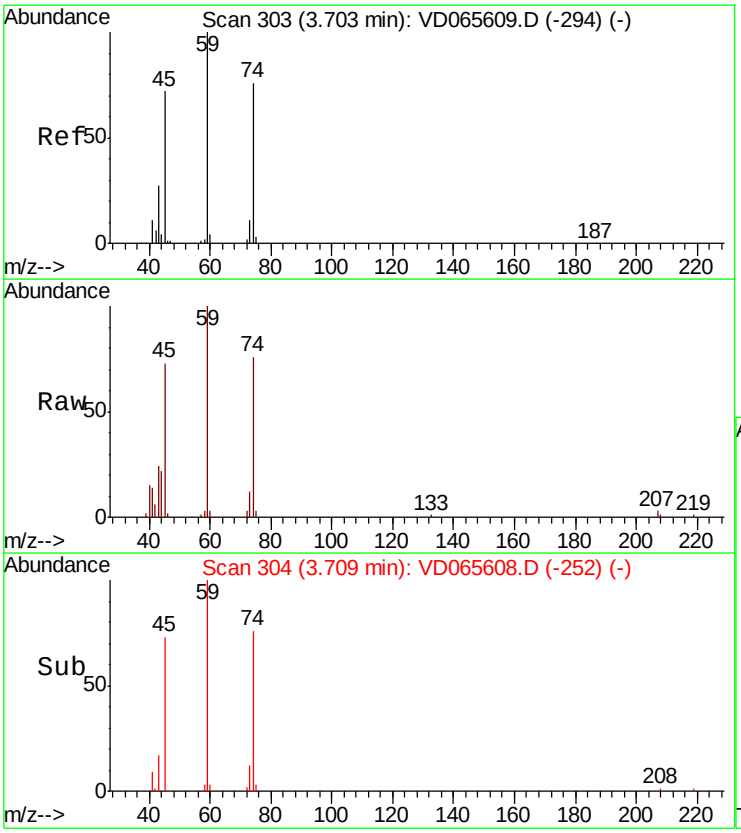
#7
Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 146047

Ion	Ratio	Lower	Upper
101	100		
103	67.0	55.0	82.4

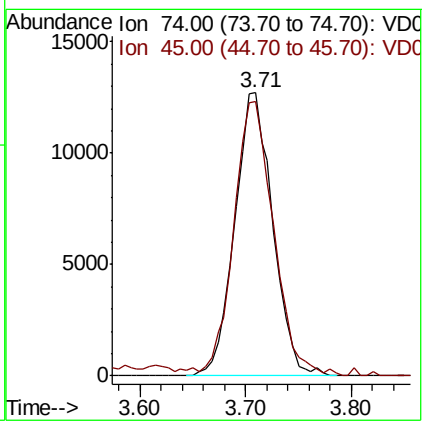


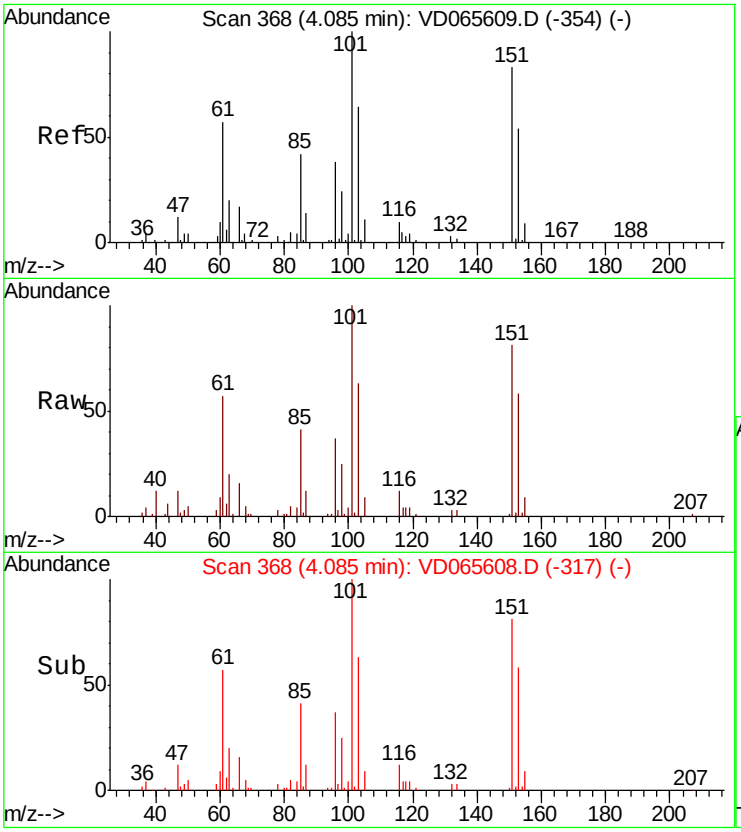


#8
Diethyl Ether
Concen: 20.535 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 74 Resp: 31722

Ion	Ratio	Lower	Upper
74	100		
45	101.7	47.8	143.3



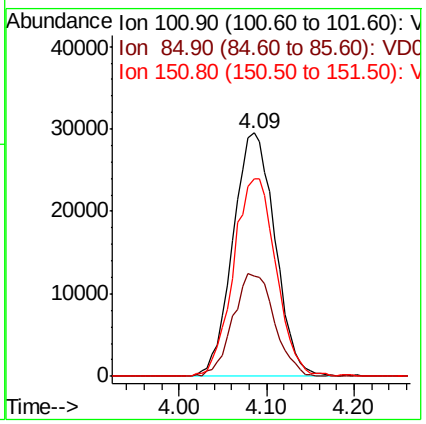


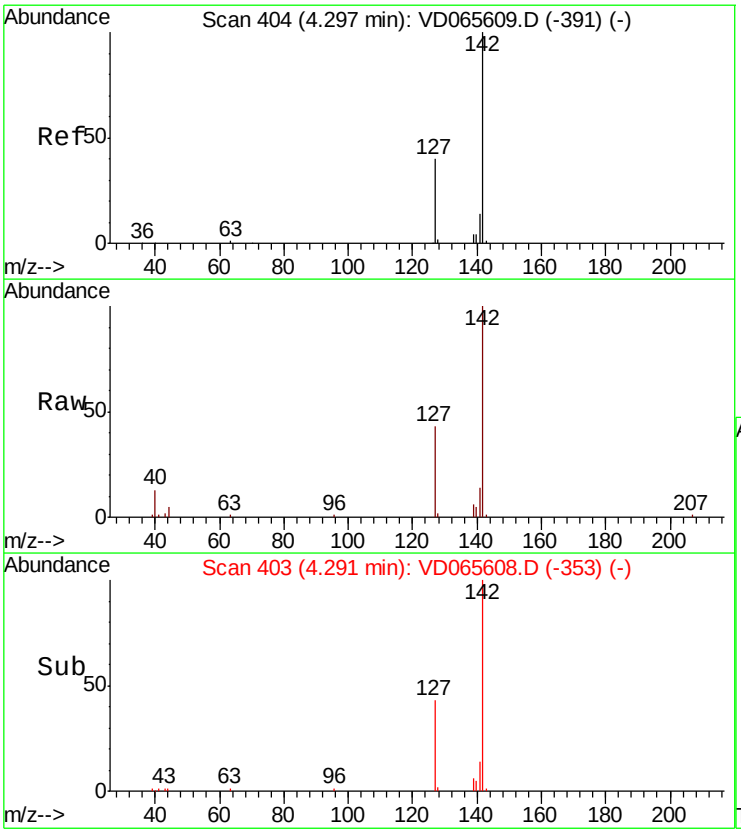
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.721 ug/l
RT: 4.09 min Scan# 368
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 96387

Ion	Ratio	Lower	Upper
101	100		
85	41.4	33.8	50.6
151	82.3	65.0	97.4

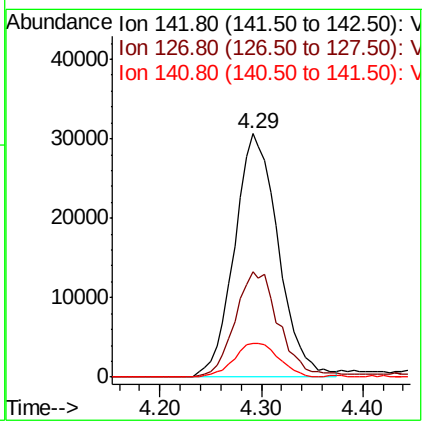


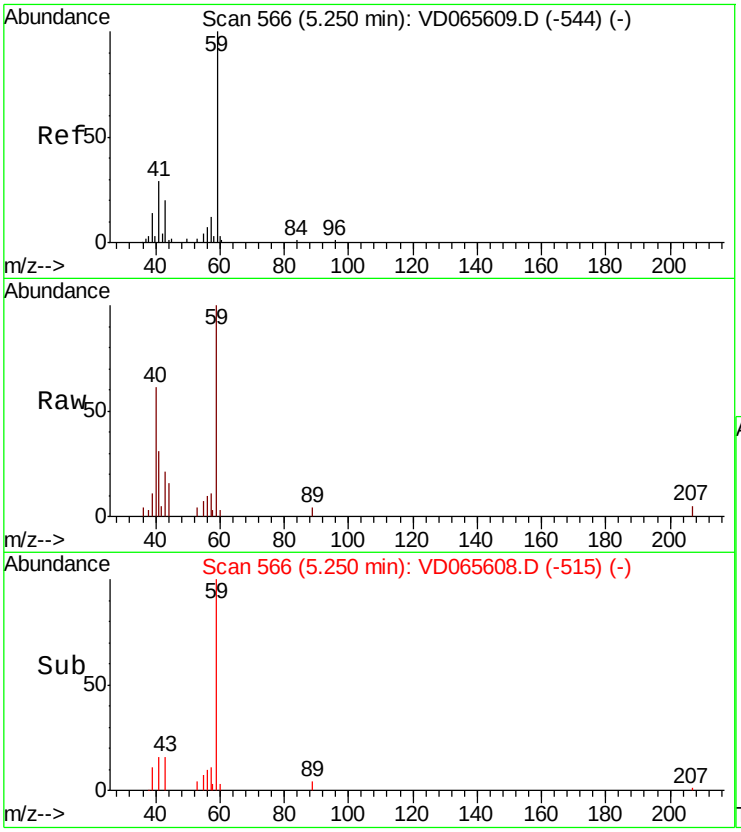


#10
Methyl Iodide
Concen: 19.081 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:142 Resp: 91773

Ion	Ratio	Lower	Upper
142	100		
127	43.6	34.6	51.8
141	14.2	11.7	17.5



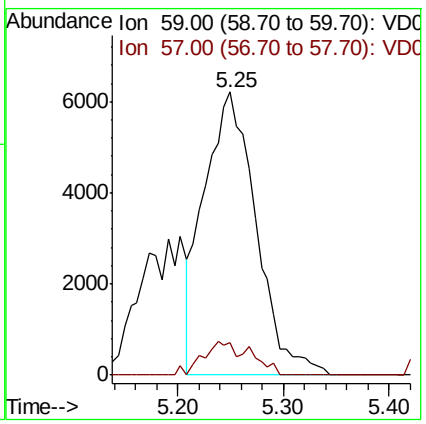


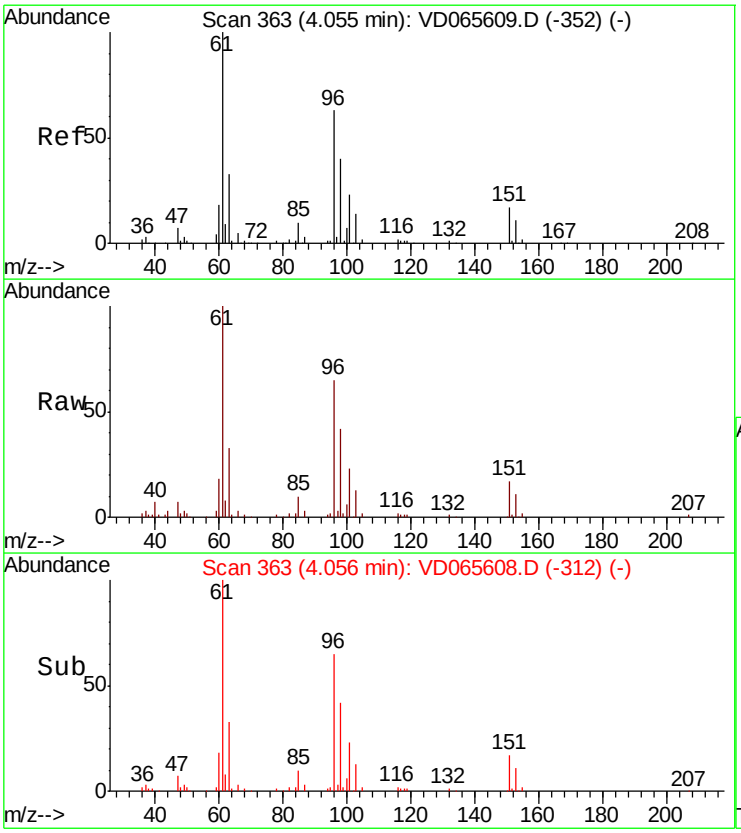
#11
Tert butyl alcohol
Concen: 93.812 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 21248

Ion	Ratio	Lower	Upper
59	100		
57	8.0	8.1	12.1#

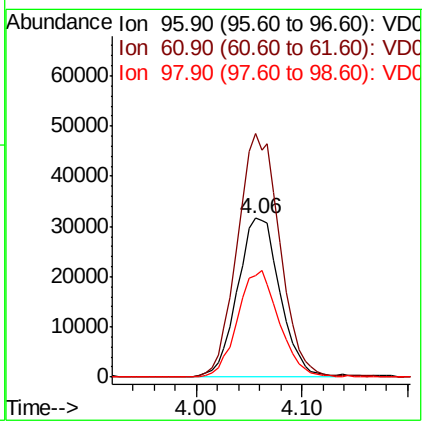


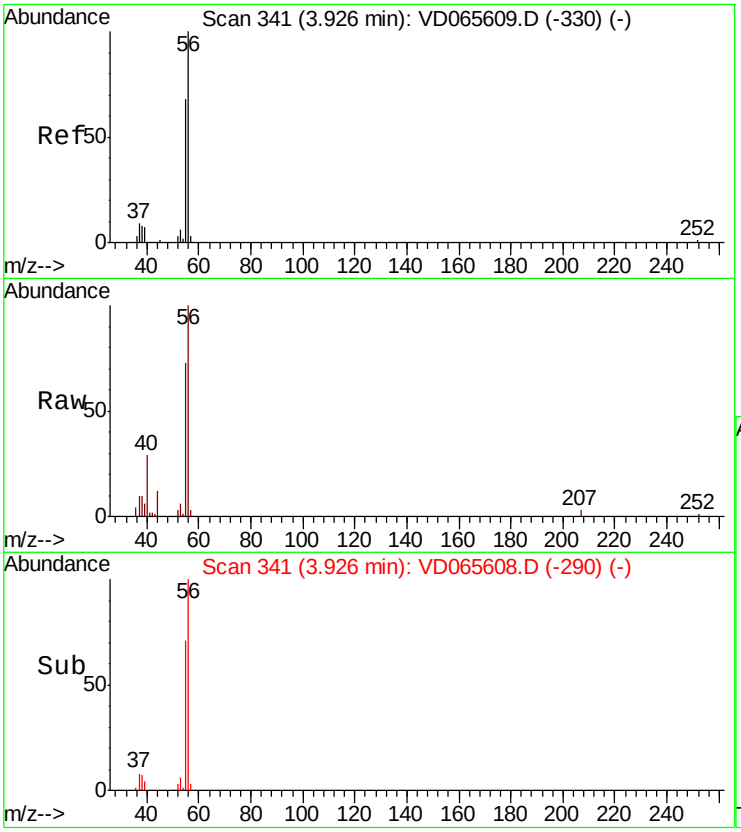


#12
1,1-Dichloroethene
Concen: 19.636 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 96 Resp: 88519

Ion	Ratio	Lower	Upper
96	100		
61	153.4	126.6	190.0
98	64.0	50.2	75.4



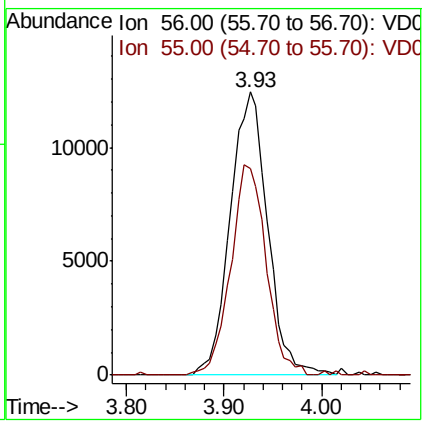


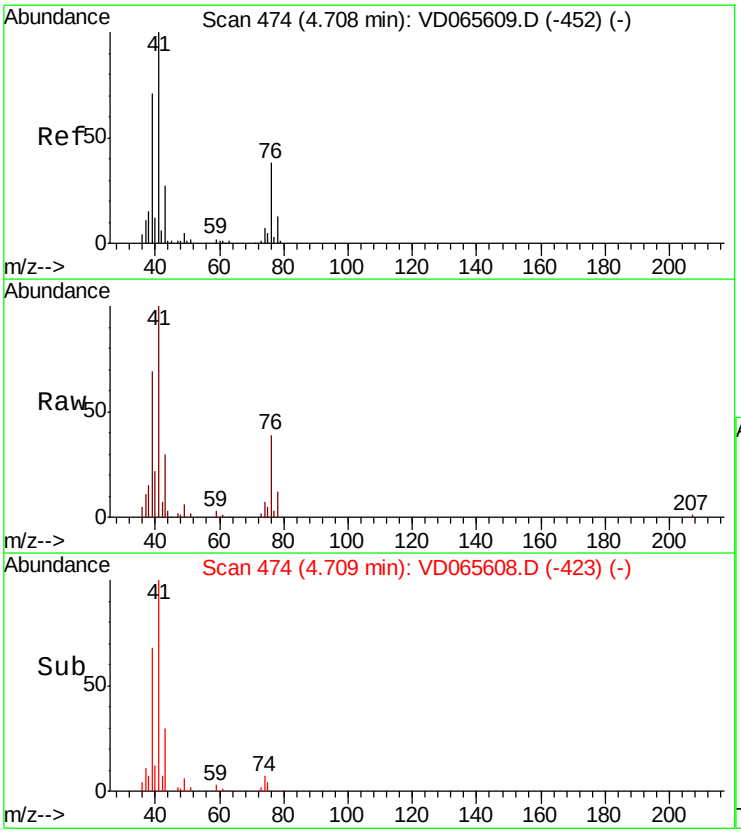
#13
Acrolein
Concen: 105.945 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 33013

Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.9	86.9

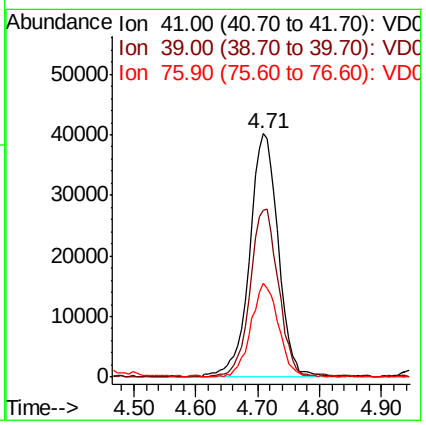


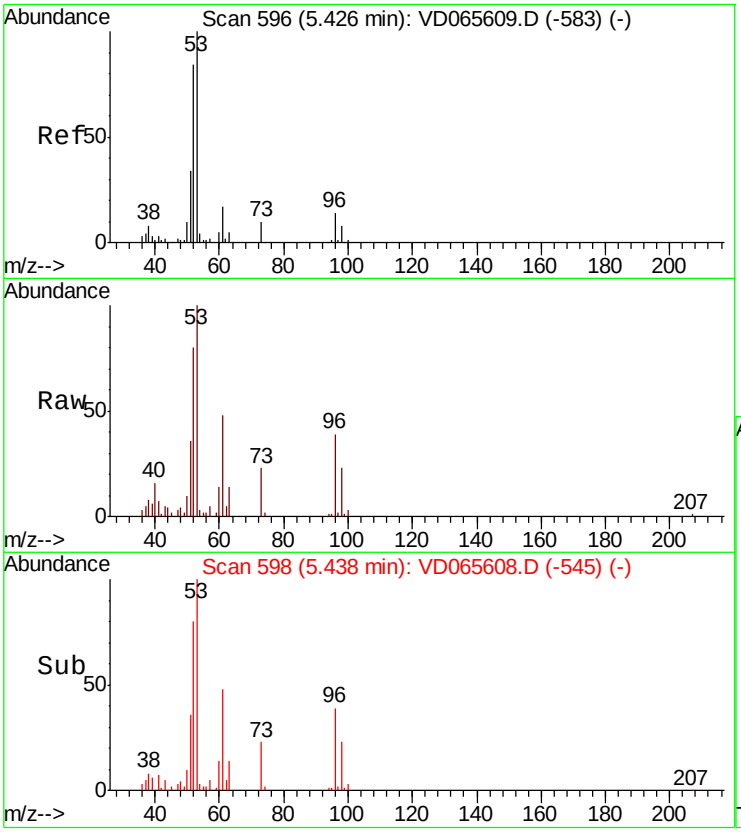


#14
Allyl chloride
Concen: 19.392 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 41 Resp: 129675

Ion	Ratio	Lower	Upper
41	100		
39	68.0	54.2	81.2
76	37.3	29.7	44.5



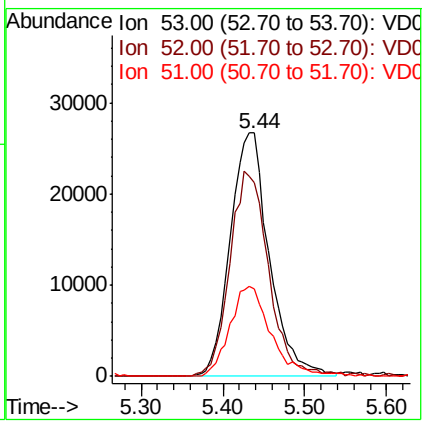


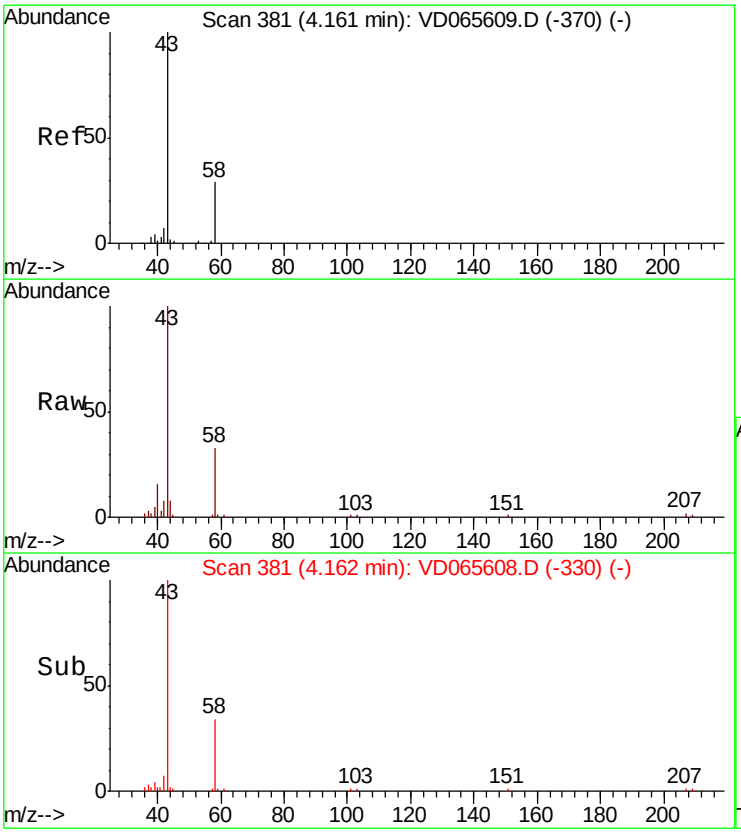
#15
Acrylonitrile
Concen: 97.772 ug/l
RT: 5.44 min Scan# 598
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 89068

Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.3	97.9
51	38.8	29.5	44.3

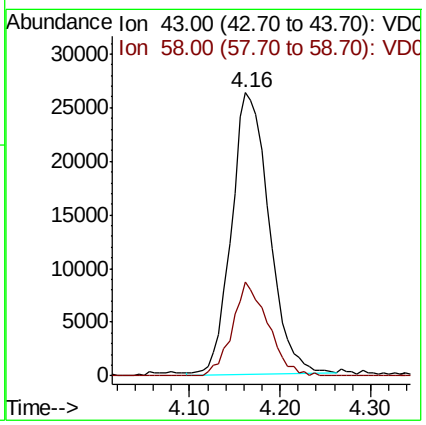


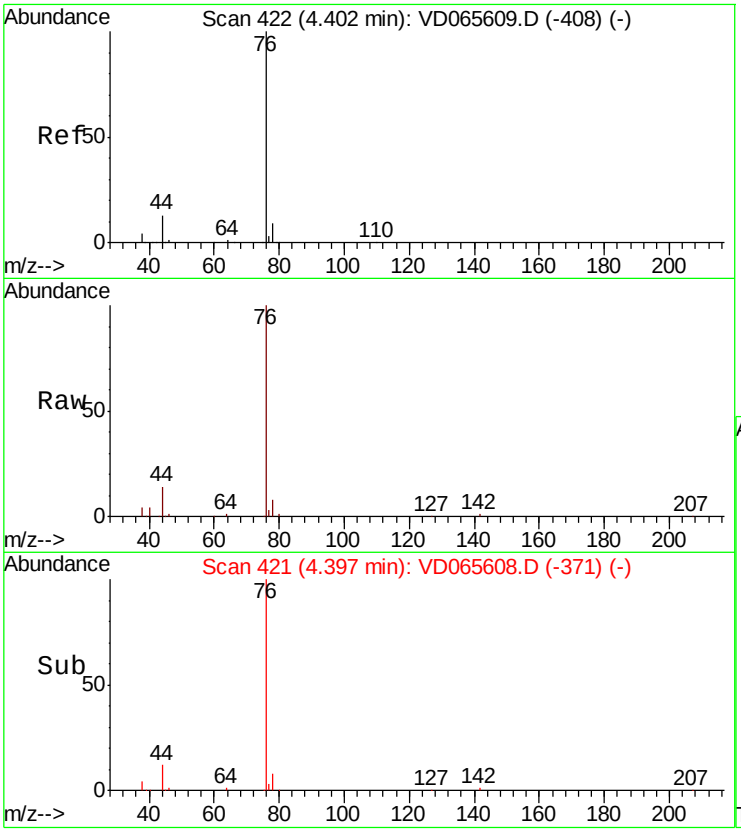


#16
Acetone
Concen: 94.331 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 43 Resp: 75746

Ion	Ratio	Lower	Upper
43	100		
58	33.5	23.2	34.8



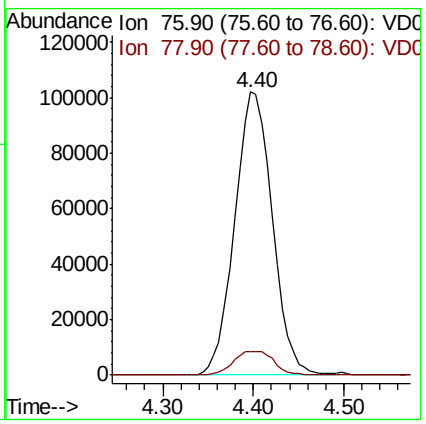


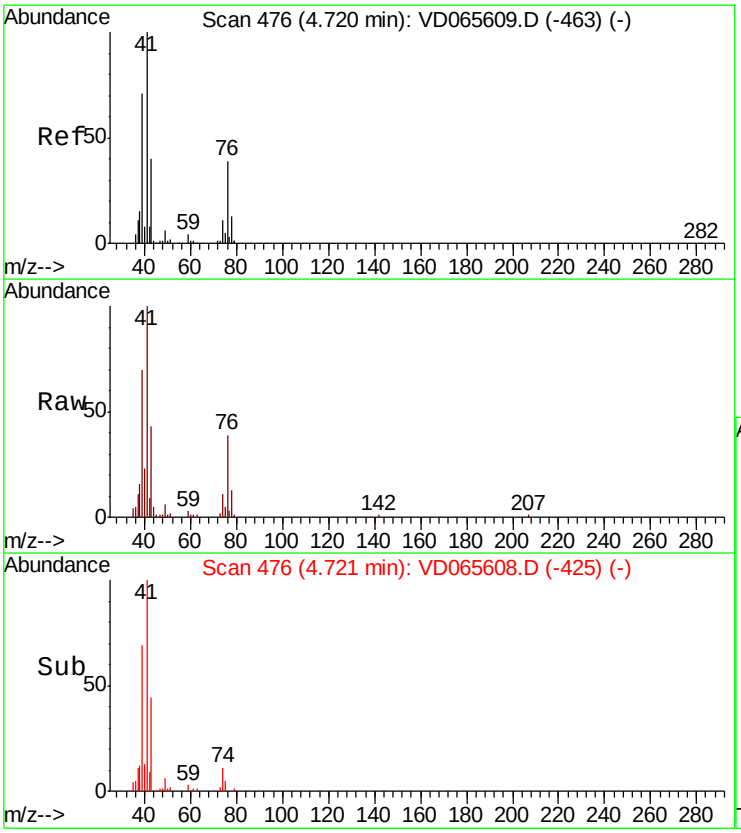
#17
Carbon Disulfide
Concen: 19.613 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 294189

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.3	10.9

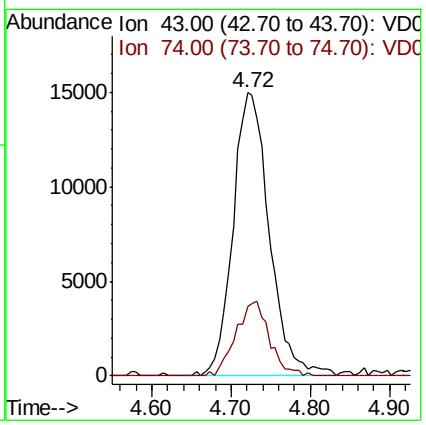


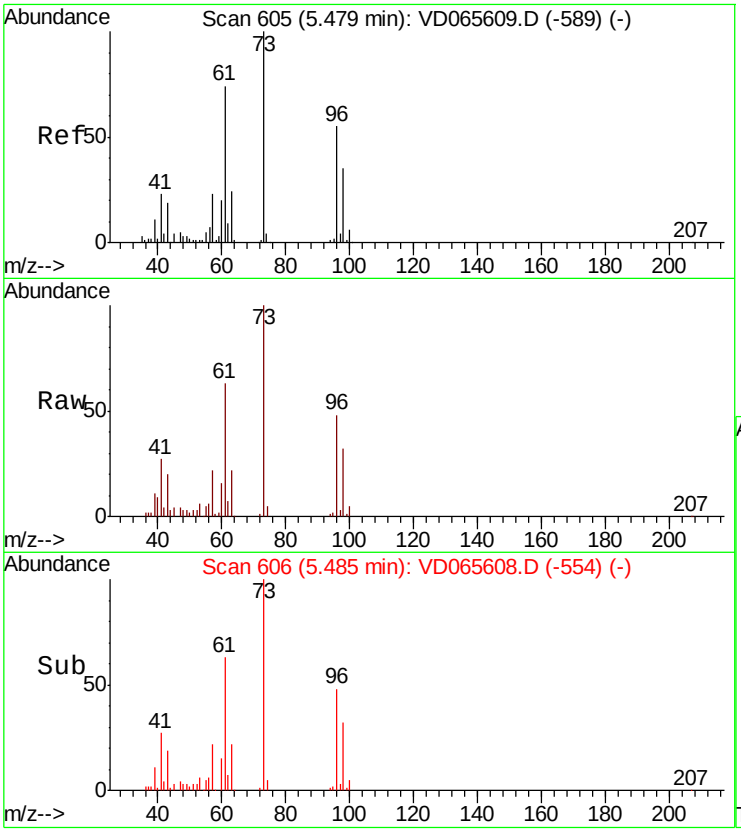


#18
Methyl Acetate
Concen: 20.183 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 43 Resp: 47570

Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.2	30.2



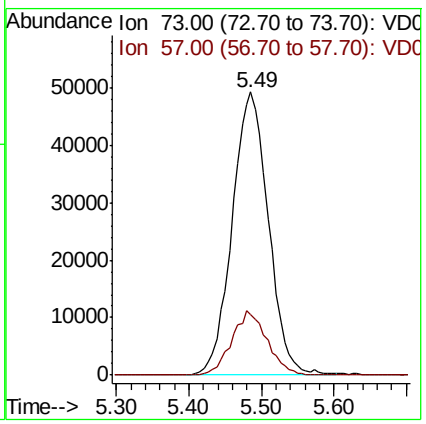


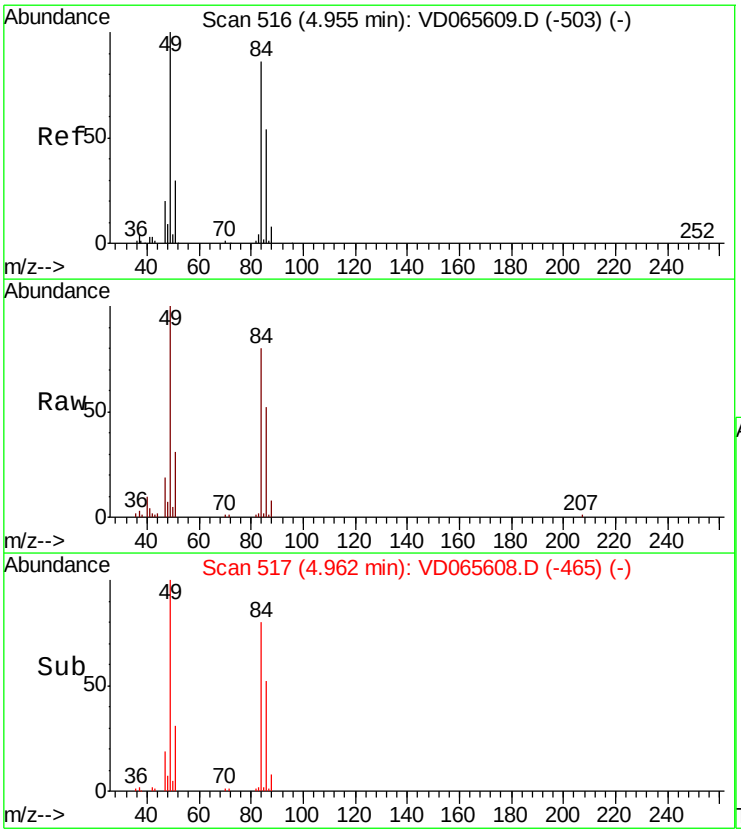
#19
Methyl tert-butyl Ether
Concen: 19.563 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 170484

Ion	Ratio	Lower	Upper
73	100		
57	21.6	18.2	27.2

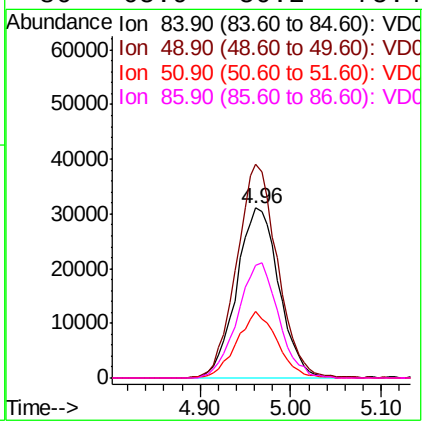


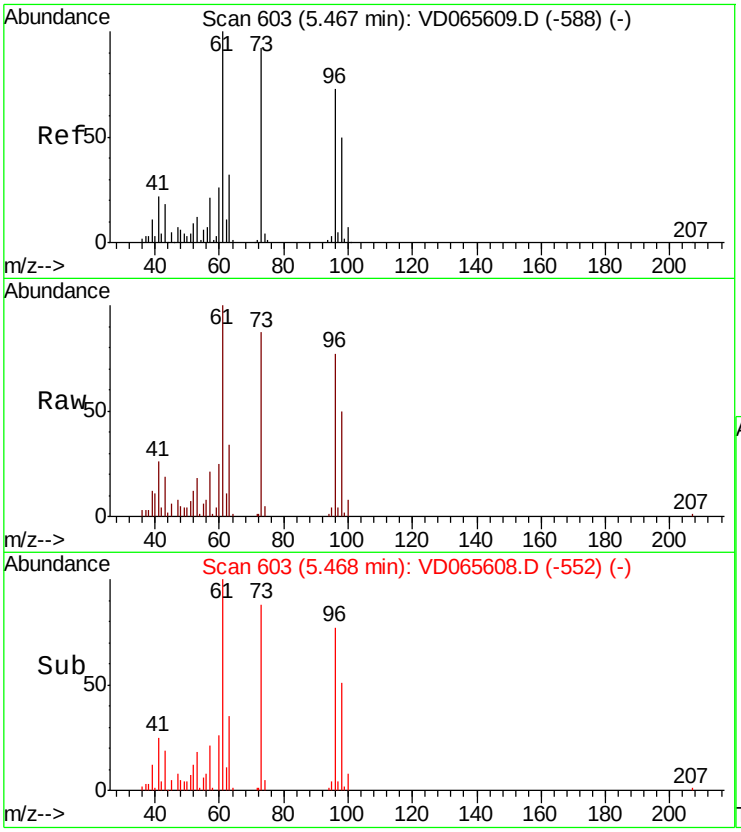


#20
Methylene Chloride
Concen: 19.095 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 84 Resp: 101359

Ion	Ratio	Lower	Upper
84	100		
49	125.6	93.4	140.2
51	39.0	28.5	42.7
86	65.9	50.2	75.4



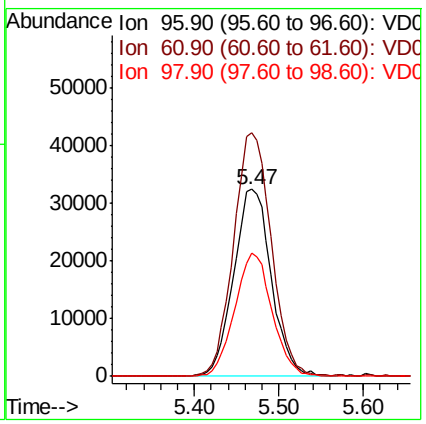


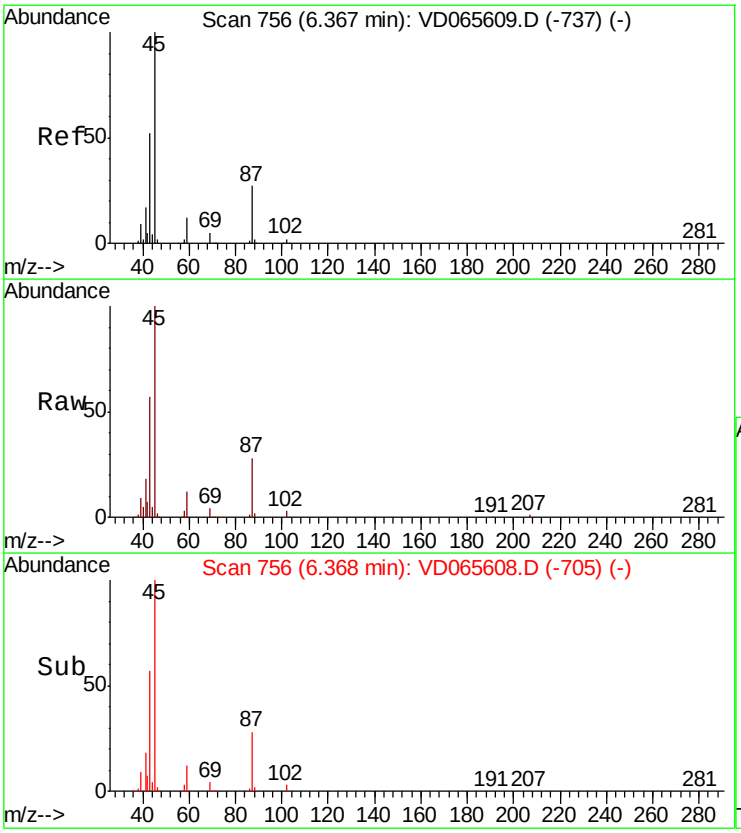
#21
trans-1,2-Dichloroethene
Concen: 19.596 ug/l
RT: 5.47 min Scan# 603
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 100260

Ion	Ratio	Lower	Upper
96	100		
61	130.2	109.8	164.6
98	65.7	54.8	82.2

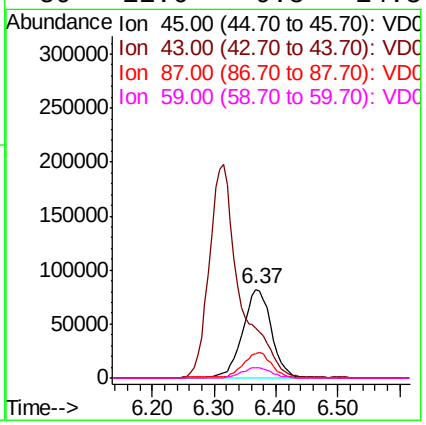


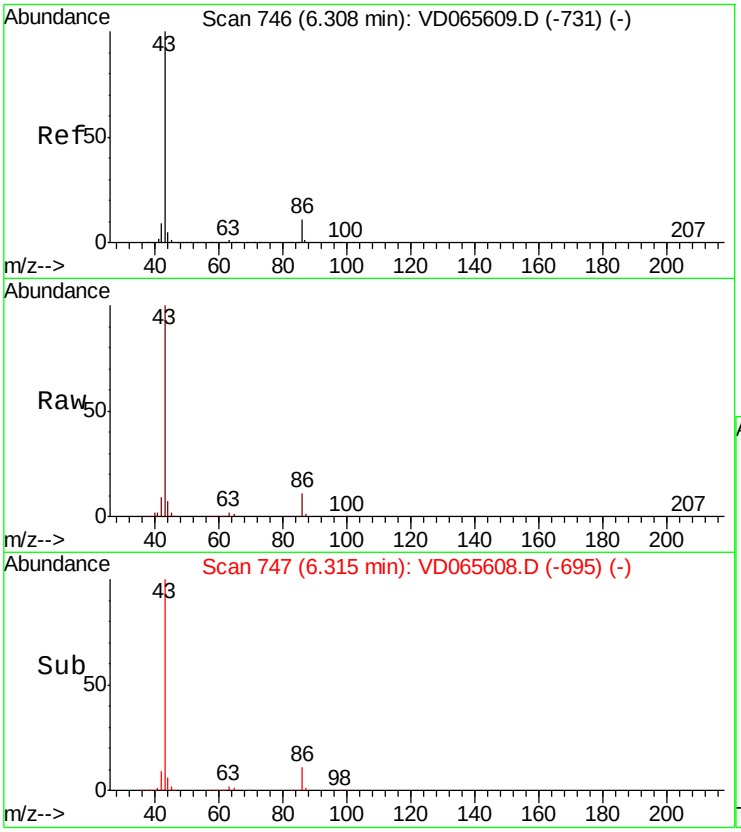


#22
Diisopropyl ether
Concen: 20.754 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 45 Resp: 266767

Ion	Ratio	Lower	Upper
45	100		
43	56.1	42.5	63.7
87	27.6	22.3	33.5
59	11.6	9.5	14.3



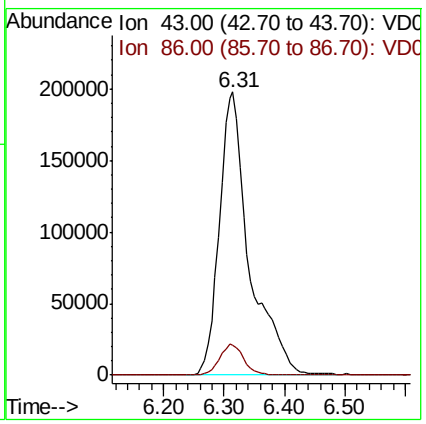


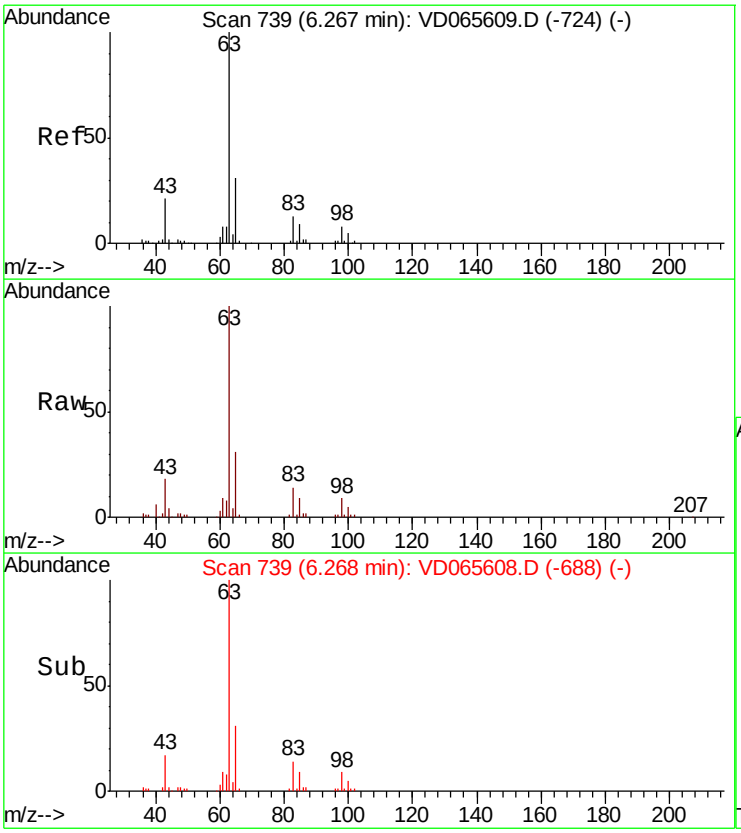
#23
Vinyl Acetate
Concen: 103.337 ug/l
RT: 6.31 min Scan# 747
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 682509

Ion	Ratio	Lower	Upper
43	100		
86	10.6	9.1	13.7

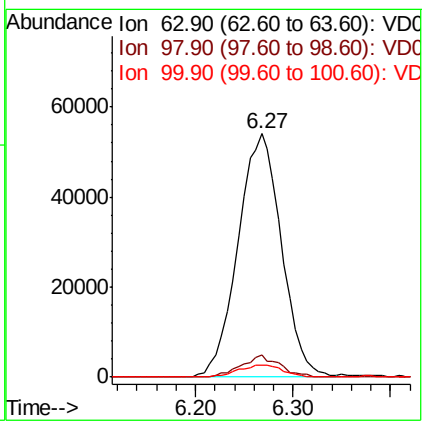


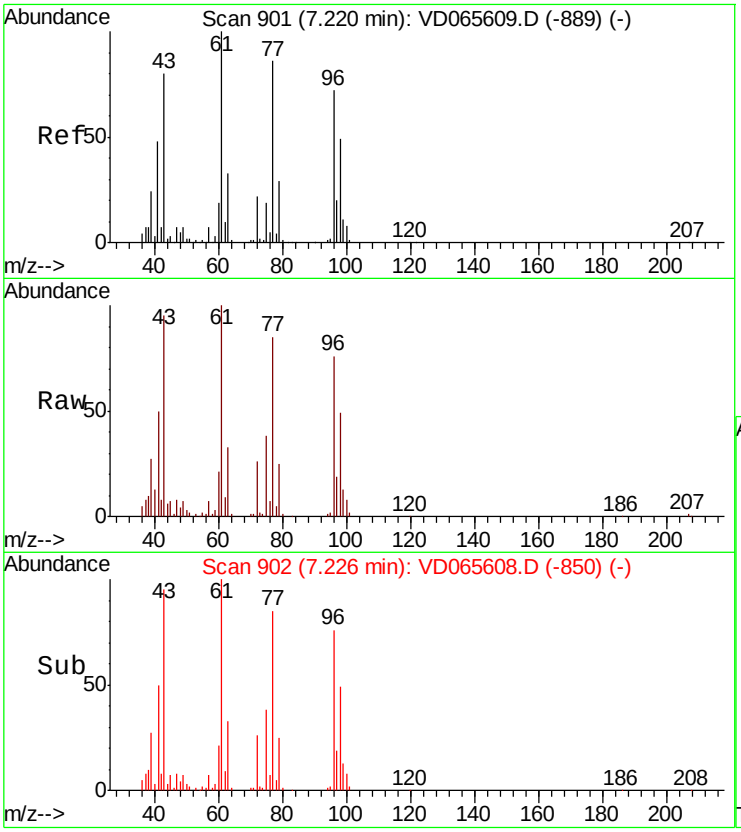


#24
1,1-Dichloroethane
Concen: 19.662 ug/l
RT: 6.27 min Scan# 739
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 63 Resp: 168137

Ion	Ratio	Lower	Upper
63	100		
98	9.2	4.0	11.9
100	5.1	2.6	7.8



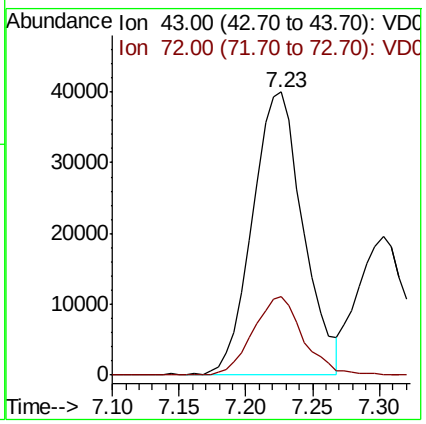


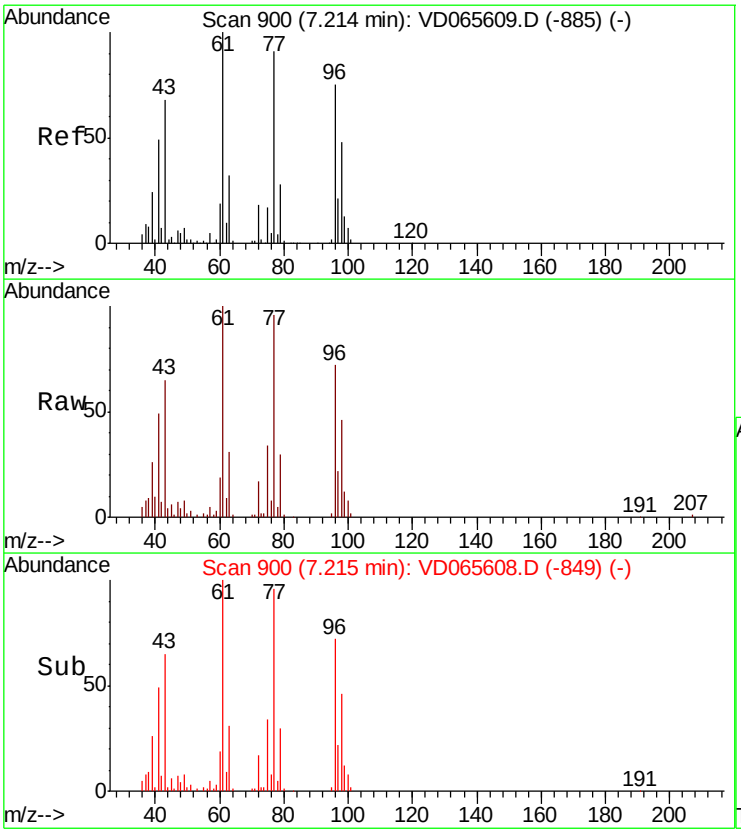
#25
2-Butanone
Concen: 96.121 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 105645

Ion	Ratio	Lower	Upper
43	100		
72	27.7	22.5	33.7

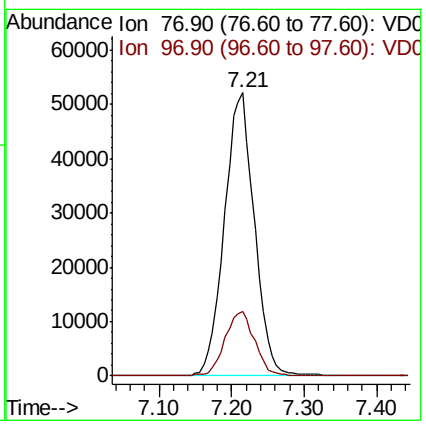


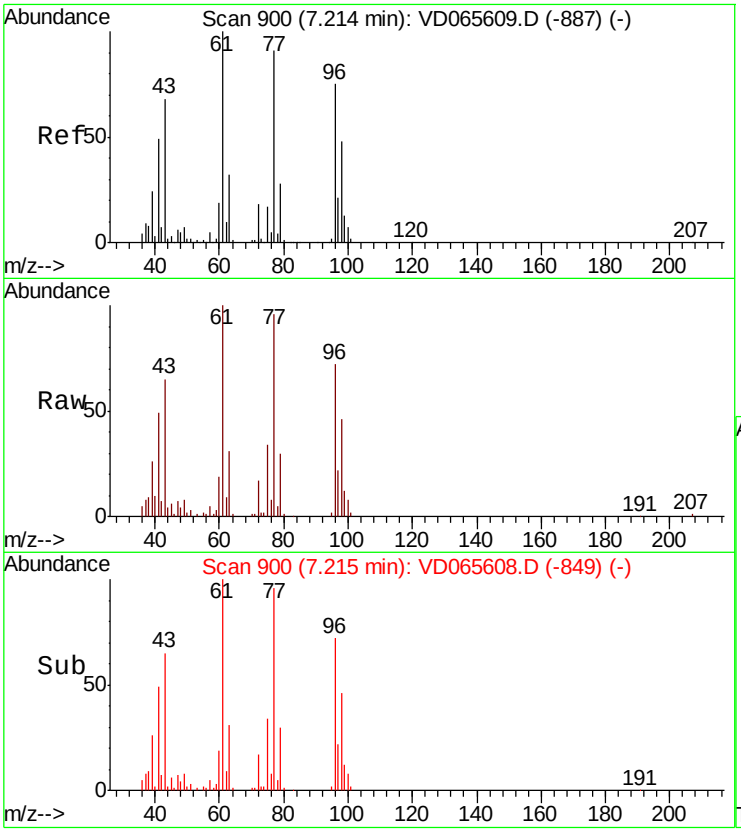


#26
2,2-Dichloropropane
Concen: 19.527 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 77 Resp: 149433

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.7	35.1



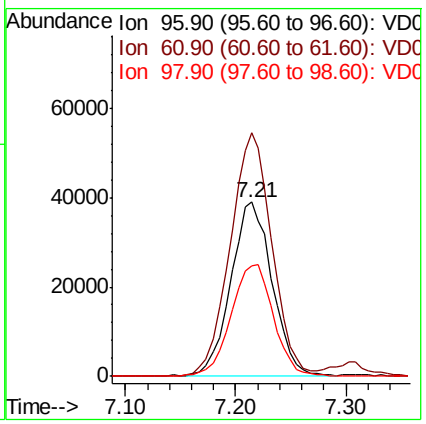


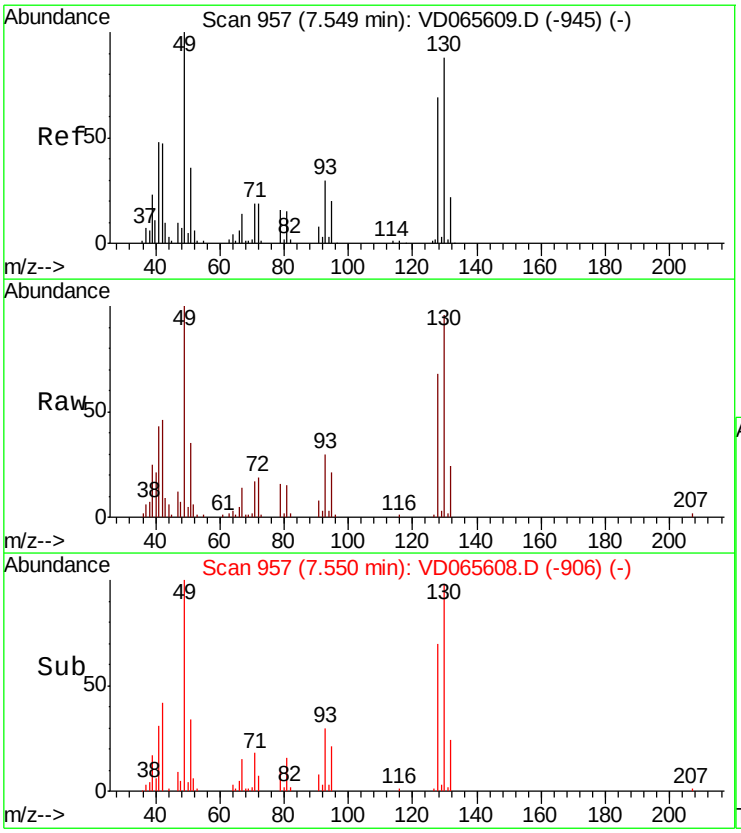
#27
cis-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 102544

Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	279.0
98	65.5	0.0	130.2

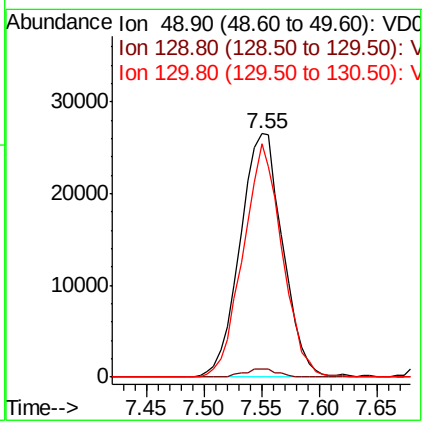


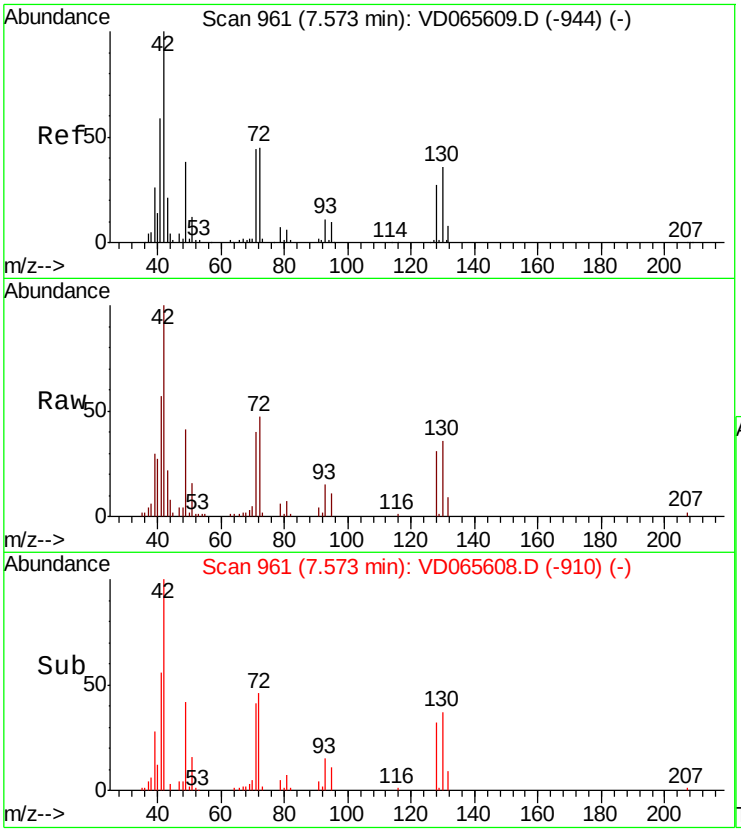


#28
Bromochloromethane
Concen: 19.885 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 49 Resp: 68247

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	87.8	69.4	104.2



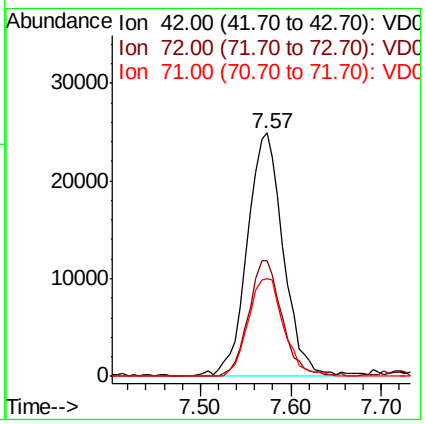


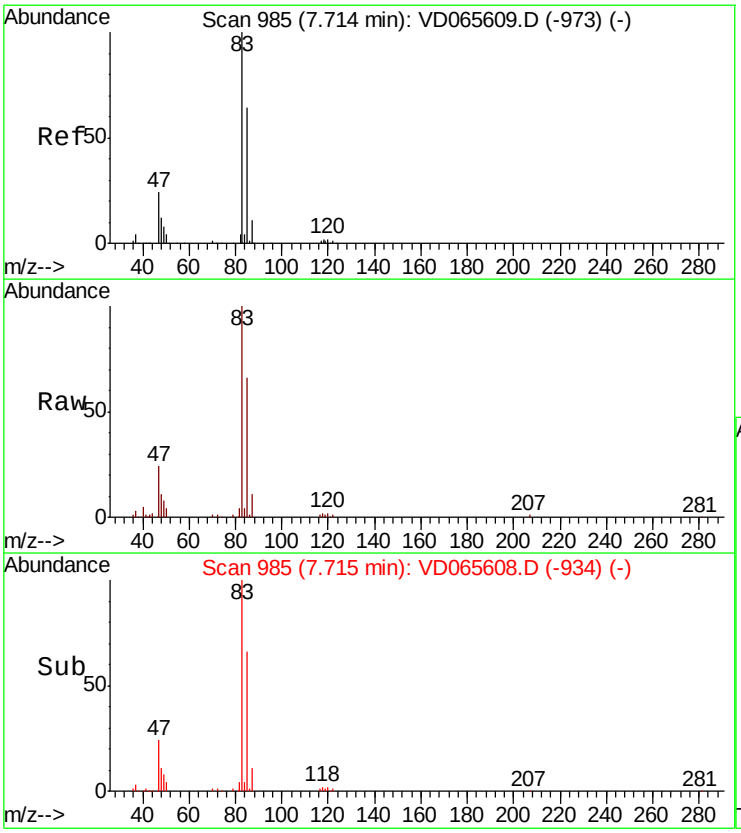
#29
Tetrahydrofuran
Concen: 99.436 ug/l
RT: 7.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 68677

Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.3	52.9
71	39.7	33.1	49.7

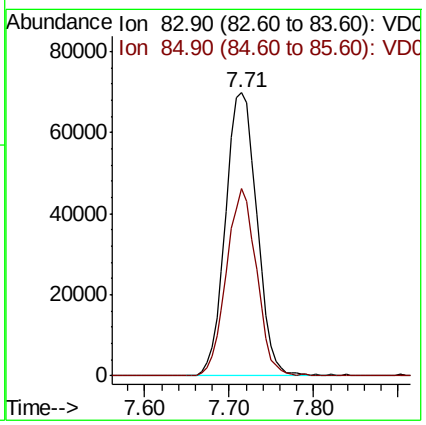


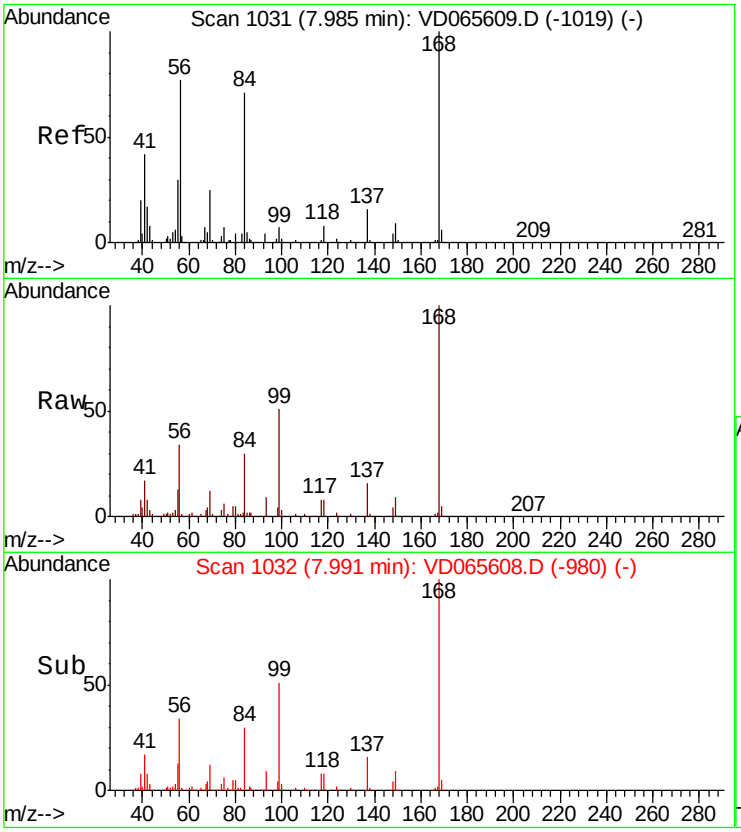


#30
Chloroform
Concen: 20.035 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 83 Resp: 179392

Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.9	76.3



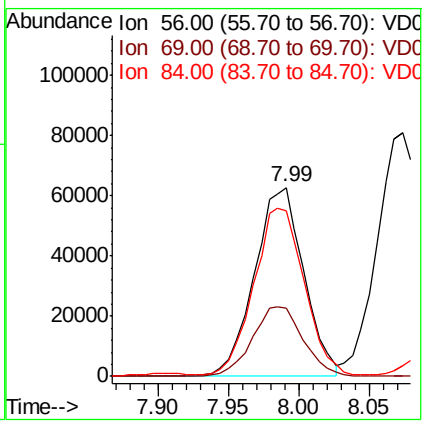


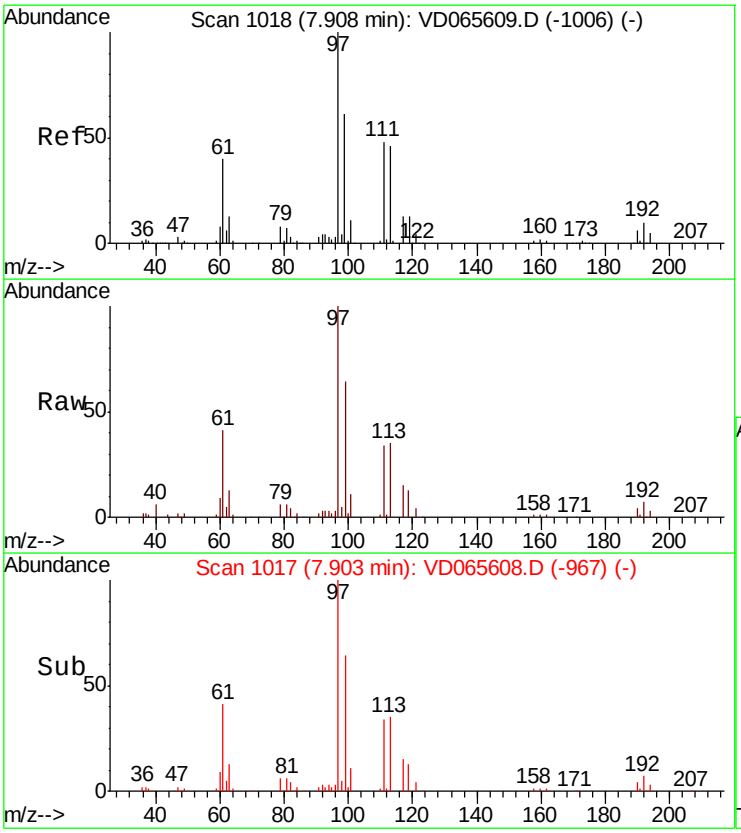
#31
Cyclohexane
Concen: 19.342 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 153435

Ion	Ratio	Lower	Upper
56	100		
69	36.1	26.2	39.4
84	87.0	73.7	110.5

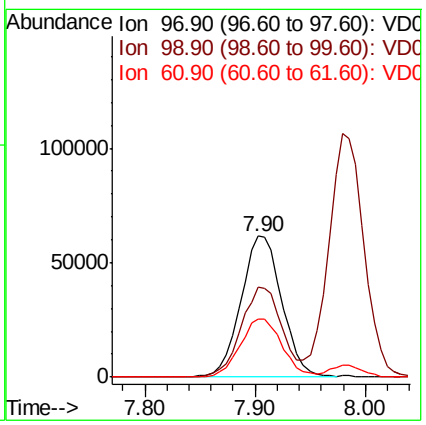


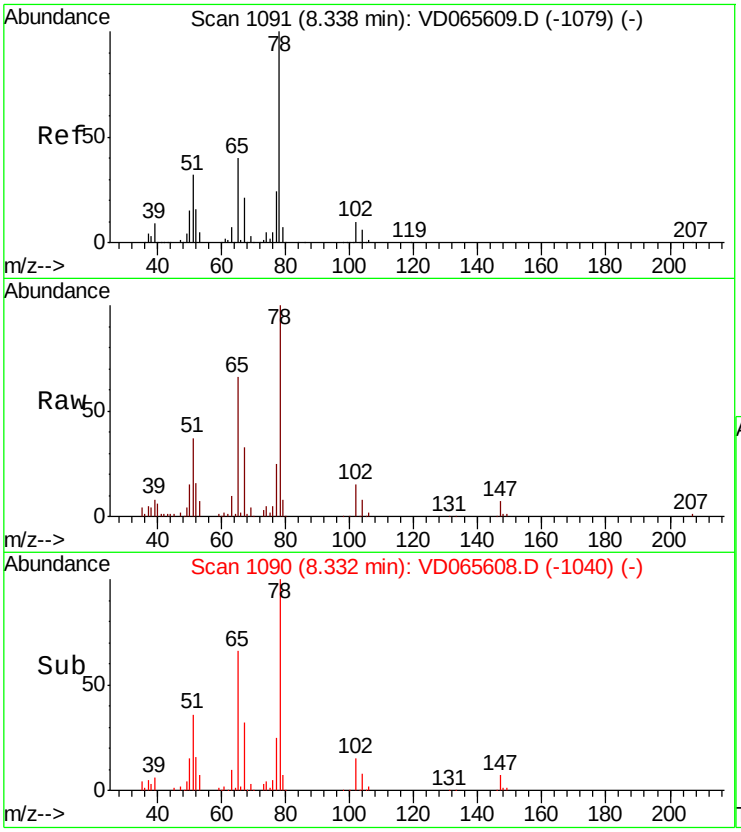


#32
1,1,1-Trichloroethane
Concen: 19.802 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 97 Resp: 160235

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.2	75.2
61	42.6	33.5	50.3



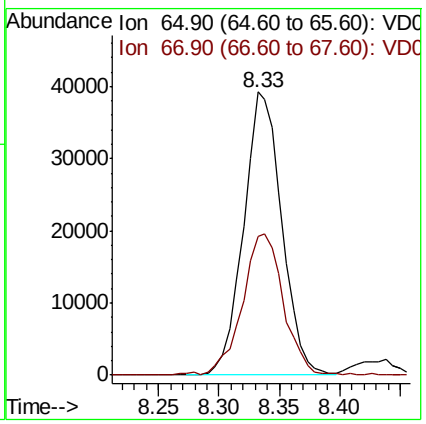


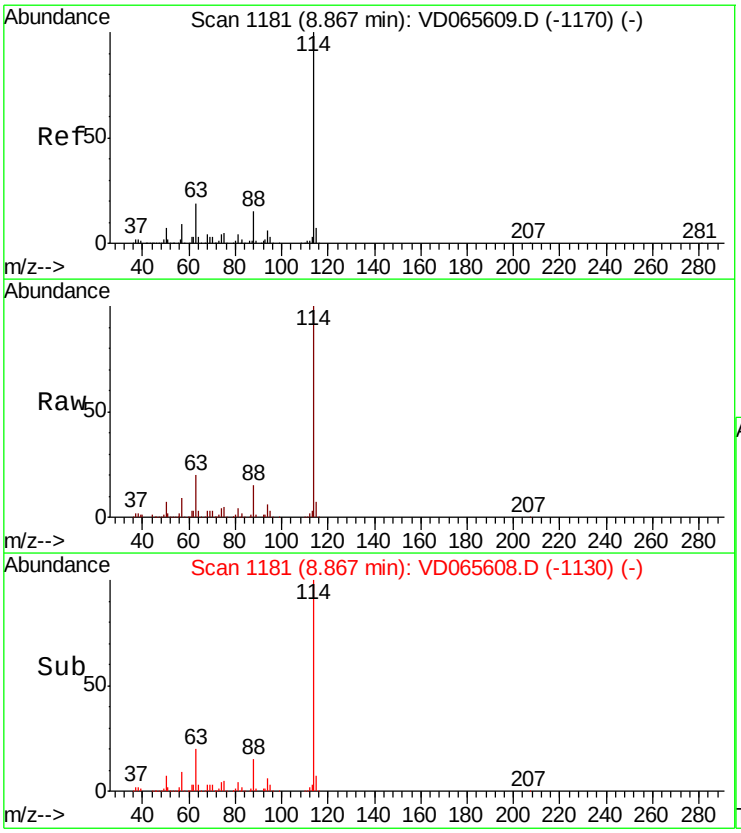
#33
1,2-Dichloroethane-d4
Concen: 19.379 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 86174

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.6

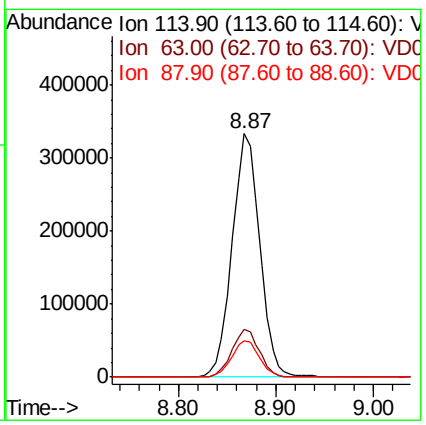


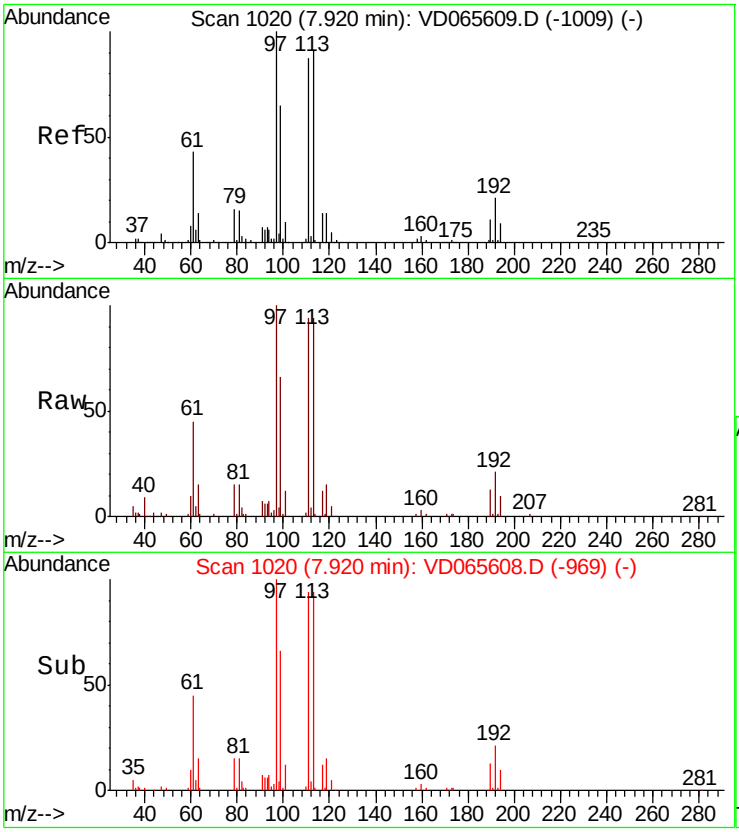


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:114 Resp: 656786

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.2
88	14.9	0.0	29.6



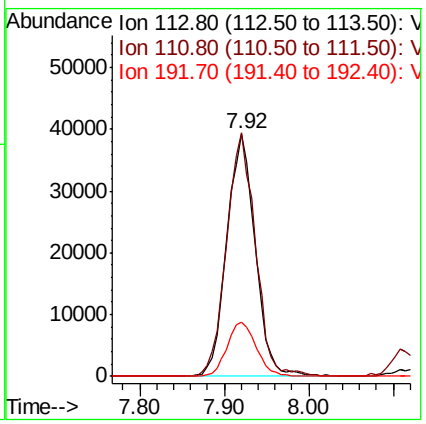


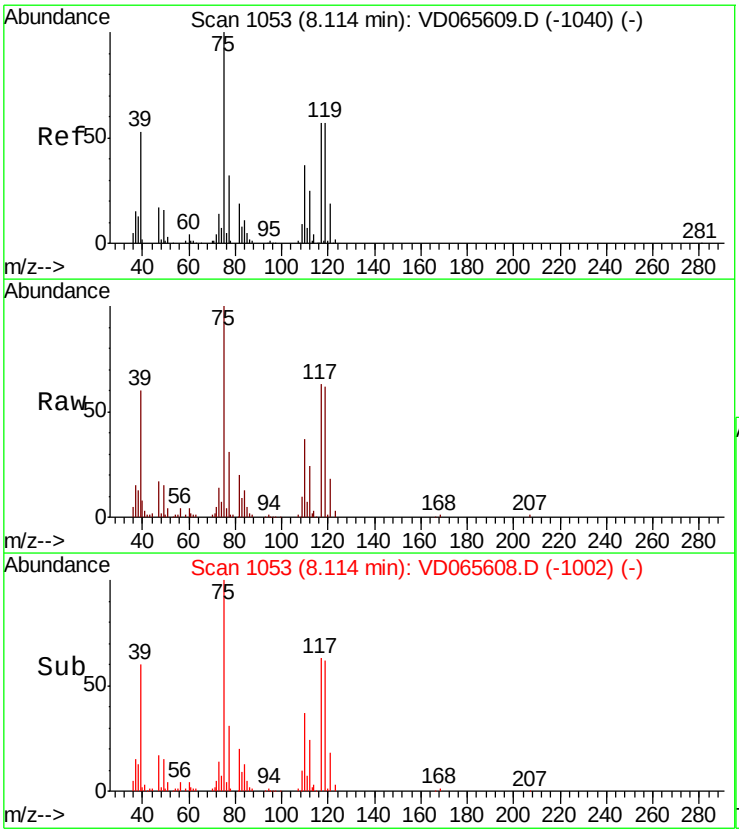
#35
Dibromofluoromethane
Concen: 19.720 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 90483

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	120.8
192	23.0	18.6	27.8

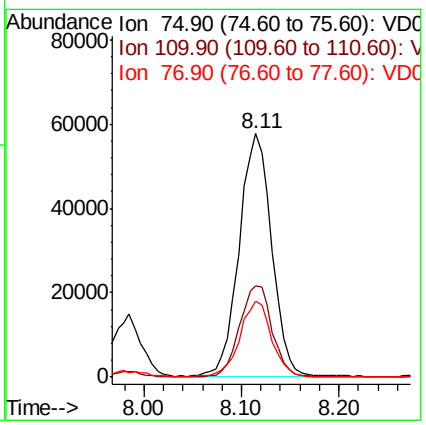


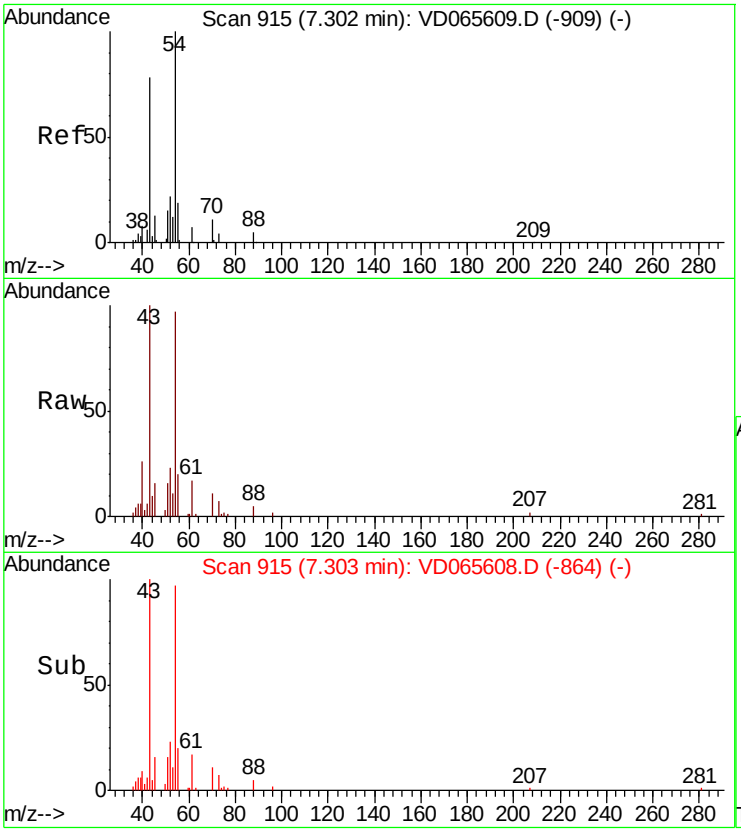


#36
1,1-Dichloropropene
Concen: 19.919 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 75 Resp: 134688

Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.3	54.9
77	30.8	25.0	37.6



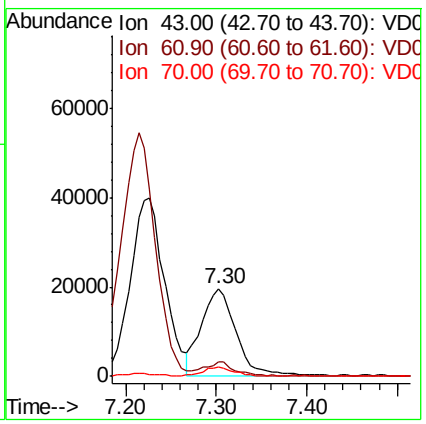


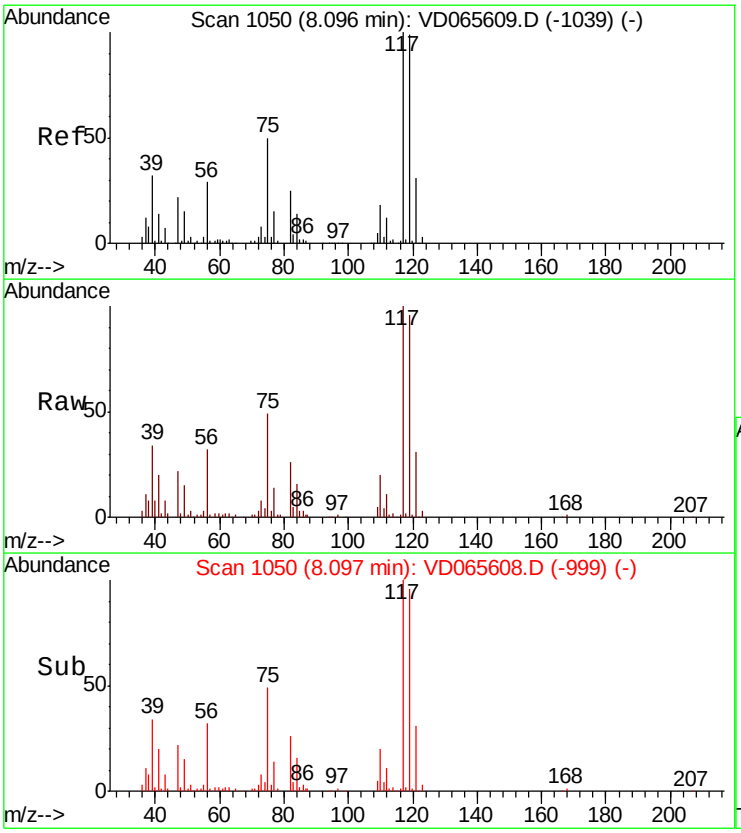
#37
Ethyl Acetate
Concen: 20.498 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 51464

Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	9.6	8.6	13.0

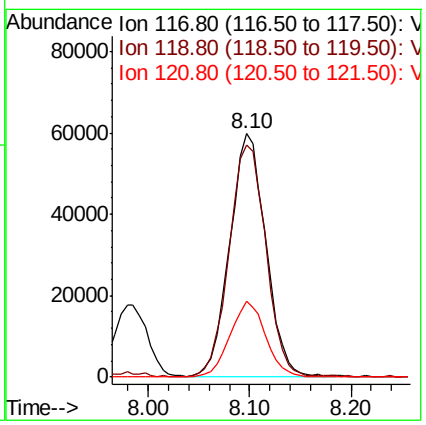


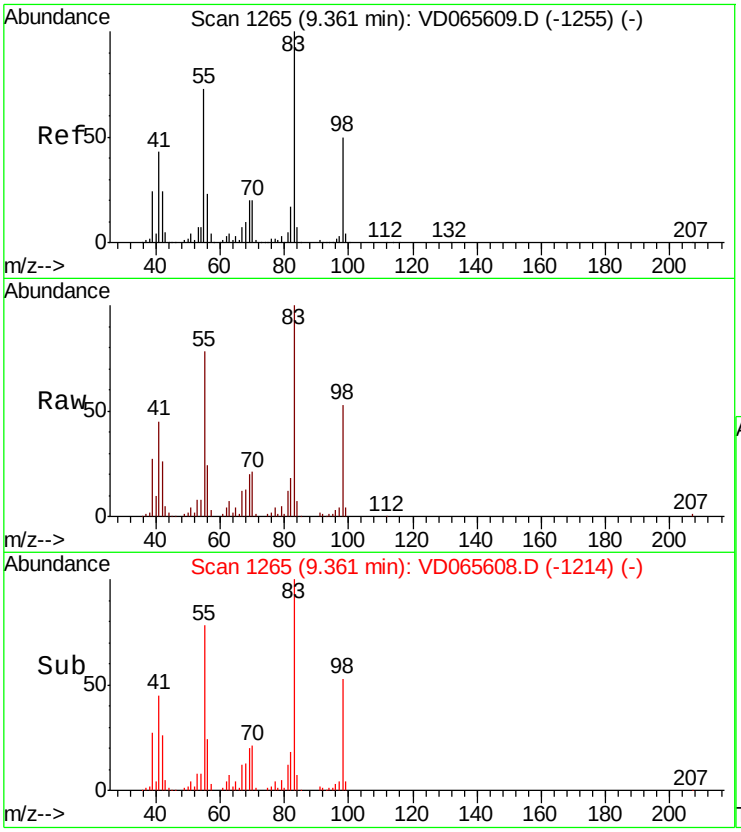


#38
Carbon Tetrachloride
Concen: 19.925 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:117 Resp: 146291

Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.9	118.3
121	31.5	24.6	37.0



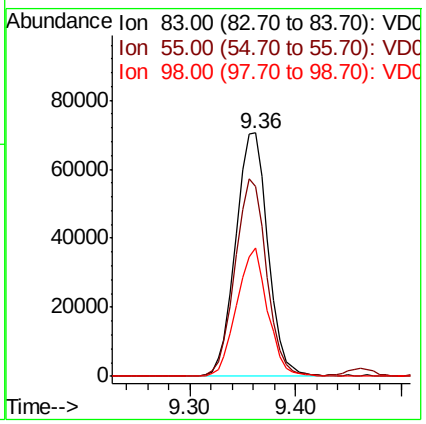


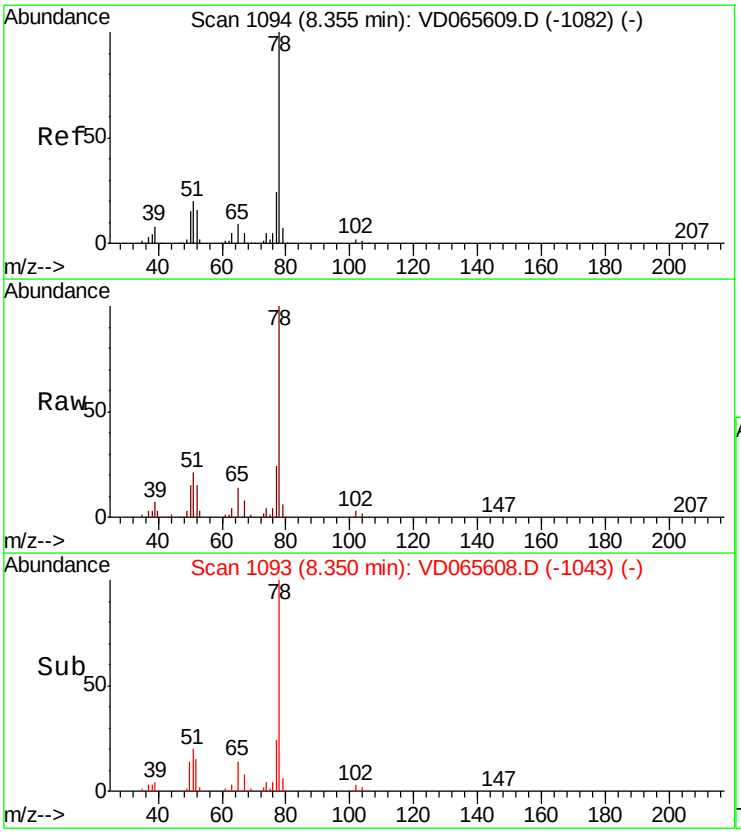
#39
Methylcyclohexane
Concen: 19.607 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 150079

Ion	Ratio	Lower	Upper
83	100		
55	78.1	58.7	88.1
98	52.6	40.2	60.4

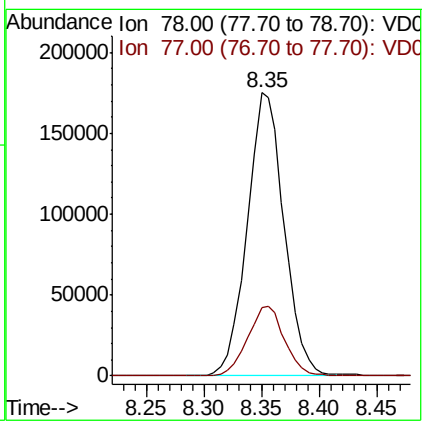


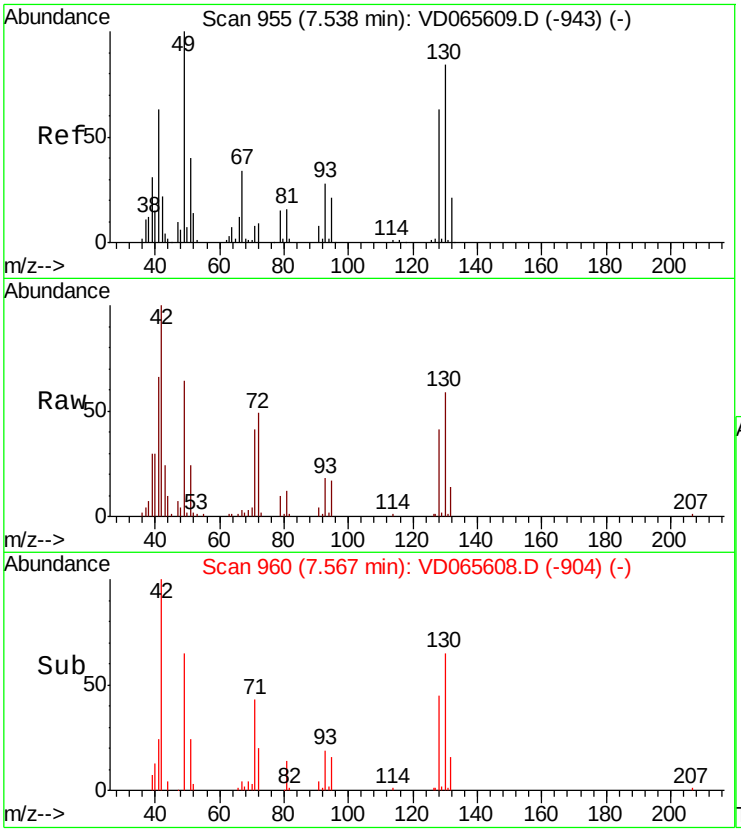


#40
Benzene
Concen: 20.106 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 78 Resp: 388438

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0



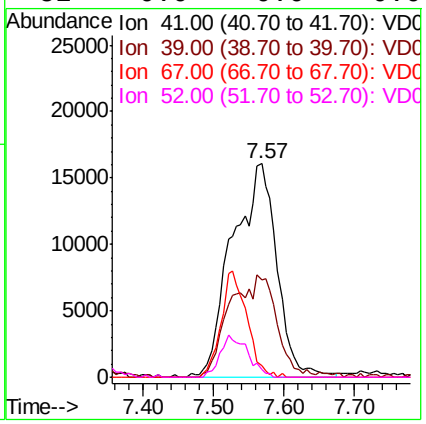


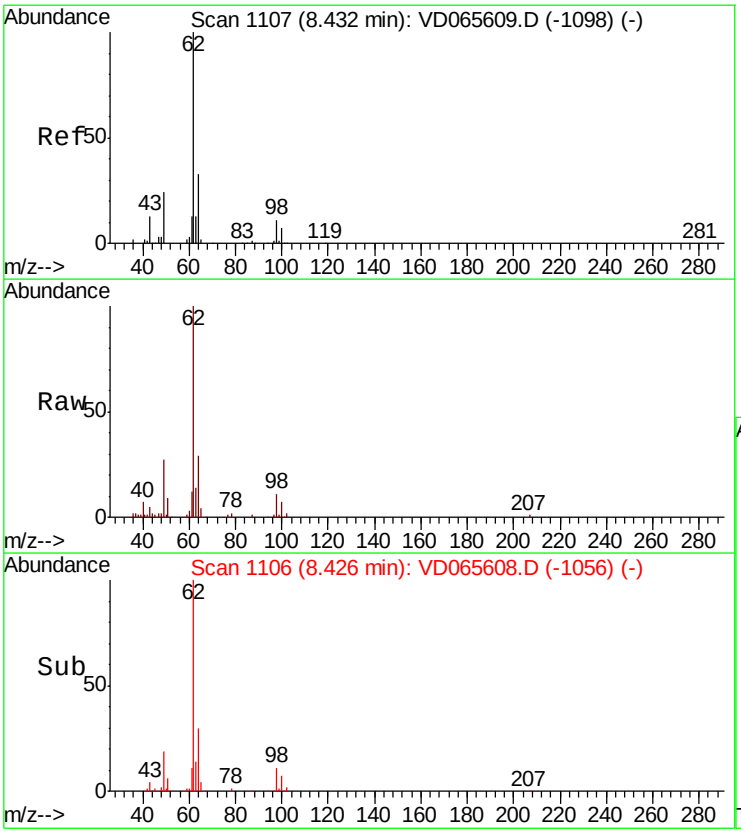
#41
Methacrylonitrile
Concen: 47.817 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.03 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 70175

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

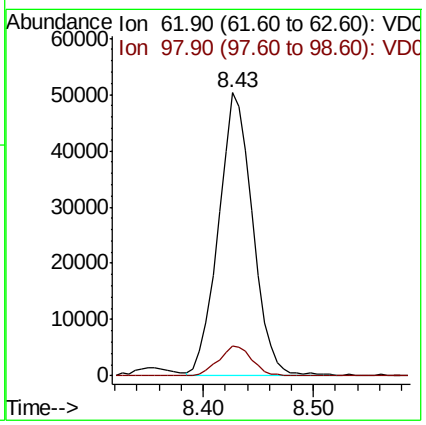


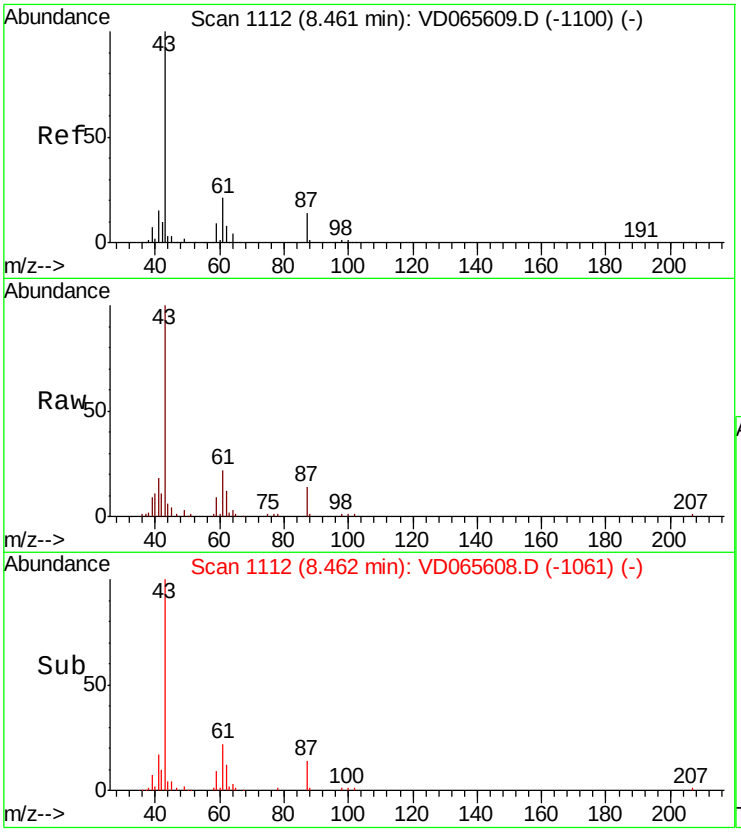


#42
1,2-Dichloroethane
Concen: 20.196 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 62 Resp: 108984

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	21.0



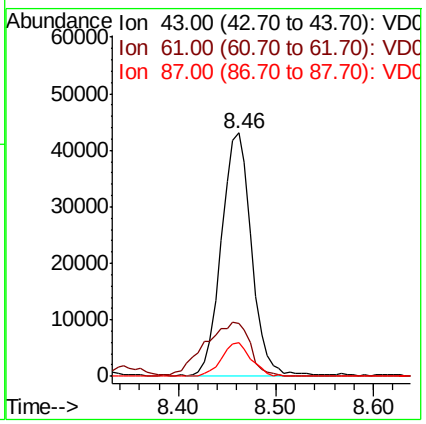


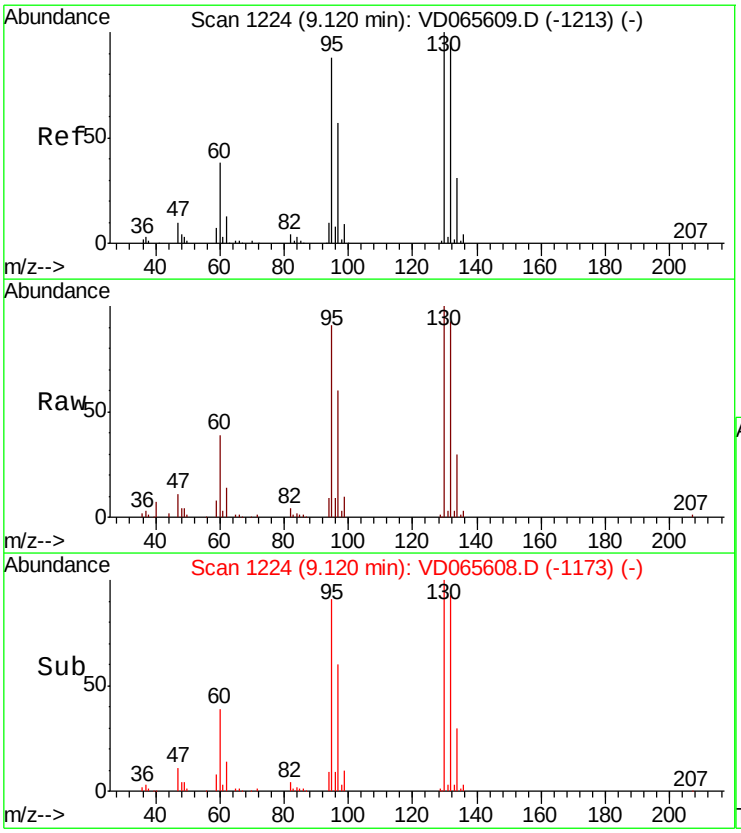
#43
Isopropyl Acetate
Concen: 20.215 ug/l
RT: 8.46 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 92597

Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.9	38.9
87	13.5	10.9	16.3

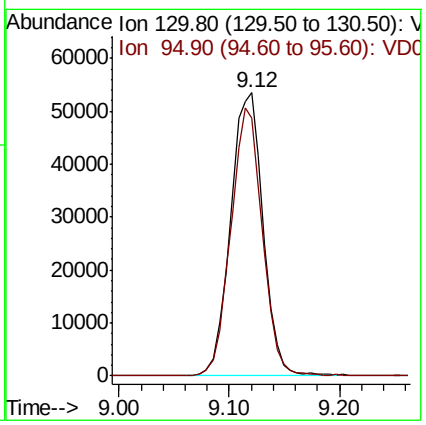


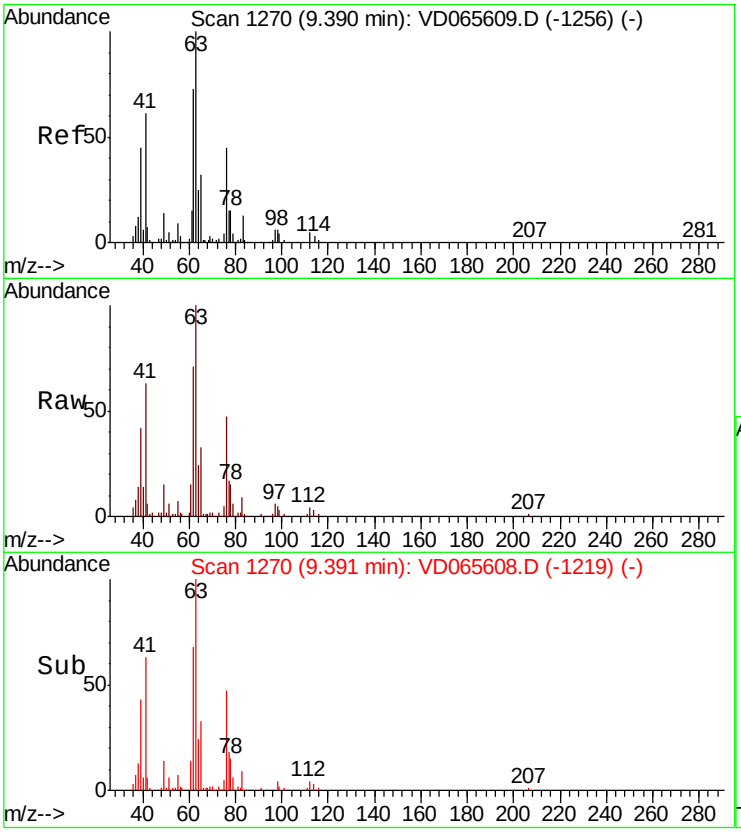


#44
Trichloroethene
Concen: 19.850 ug/l
RT: 9.12 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:130 Resp: 110218

Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	176.8



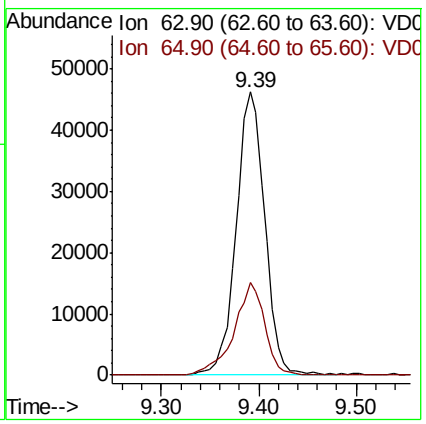


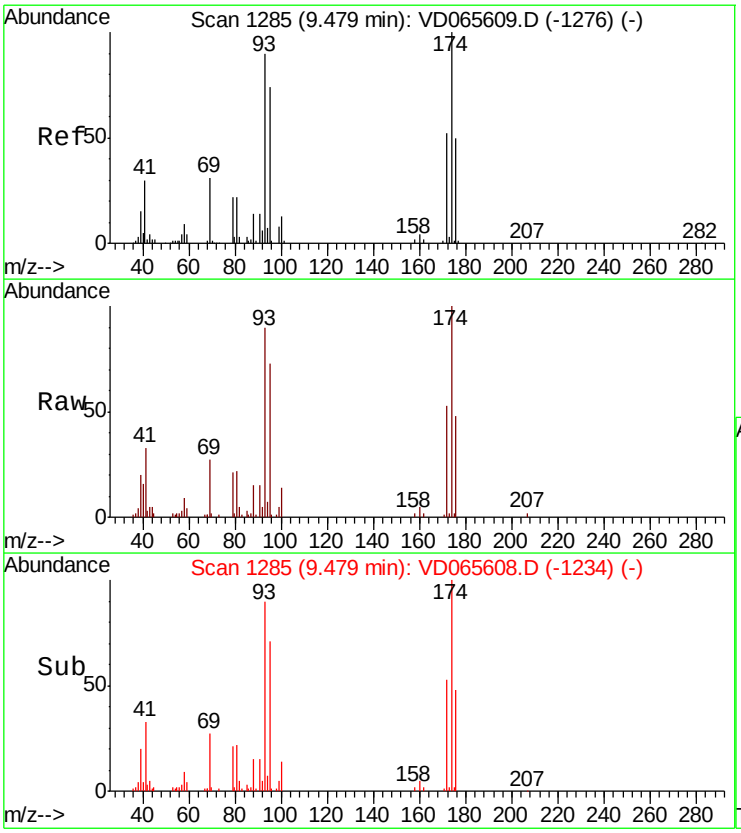
#45
1,2-Dichloropropane
Concen: 20.050 ug/l
RT: 9.39 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 94321

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.3	37.9

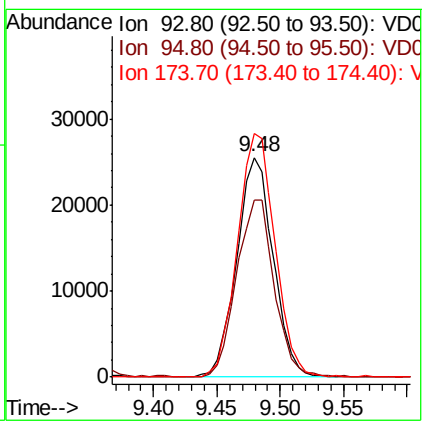


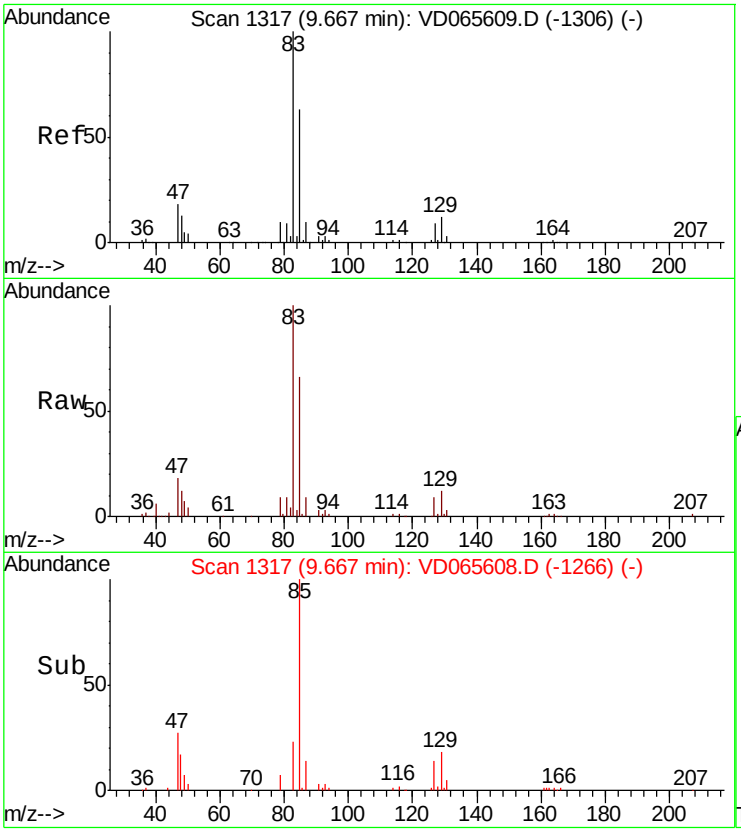


#46
Dibromomethane
Concen: 20.192 ug/l
RT: 9.48 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 93 Resp: 51059

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.5	99.7
174	113.9	91.5	137.3



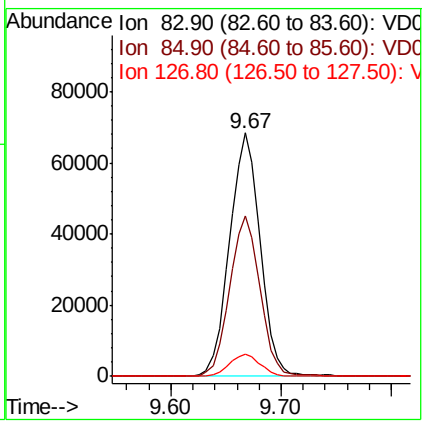


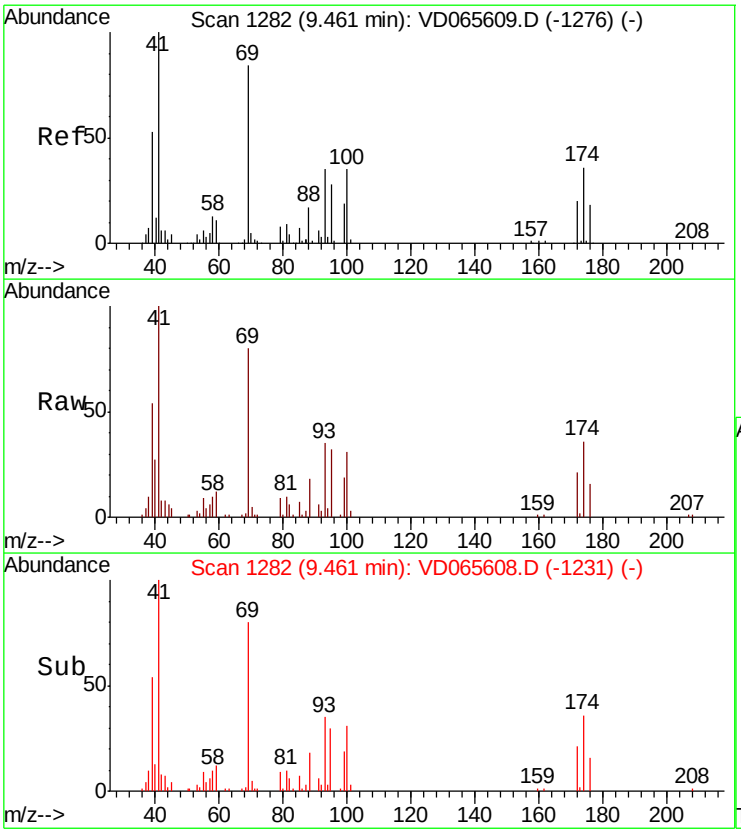
#47
Bromodichloromethane
Concen: 20.080 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 133148

Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.7	76.1
127	9.3	7.6	11.4

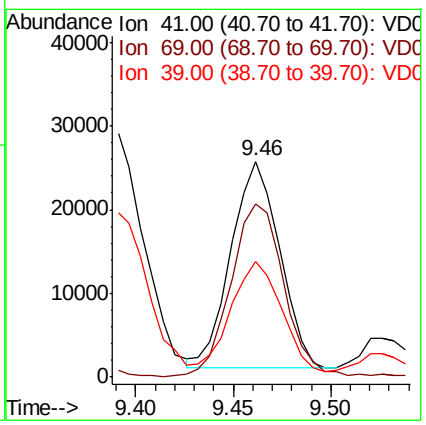


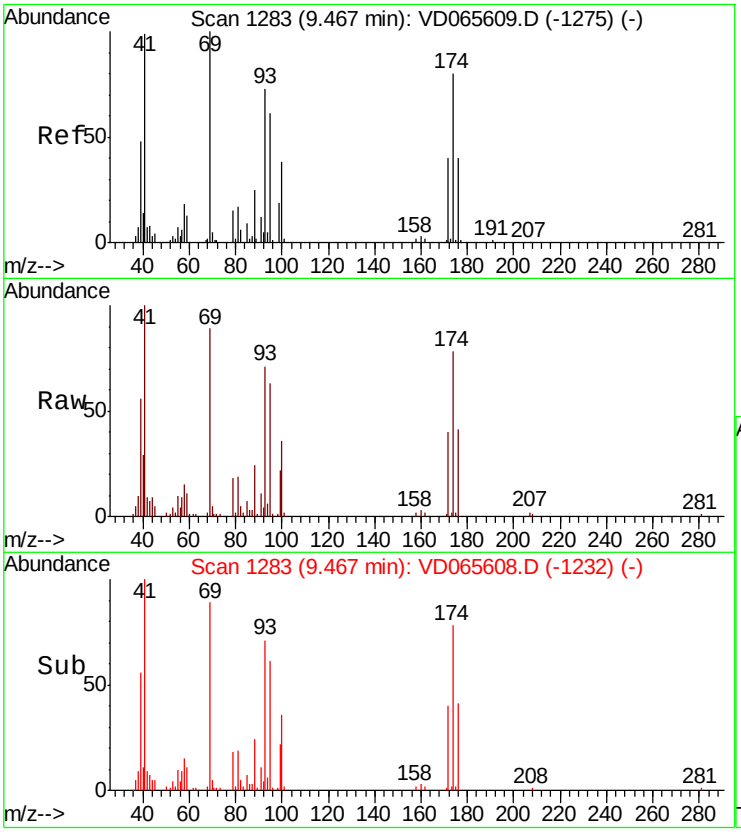


#48
Methyl methacrylate
Concen: 20.056 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 41 Resp: 42608

Ion	Ratio	Lower	Upper
41	100		
69	91.8	72.4	108.6
39	54.7	43.5	65.3



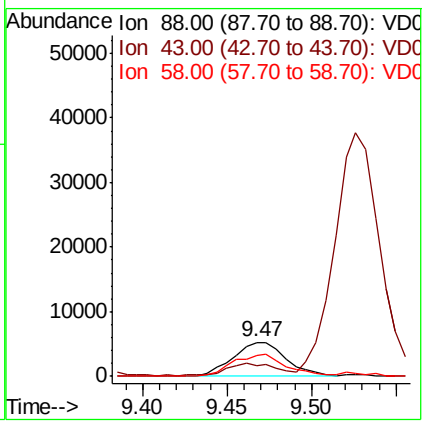


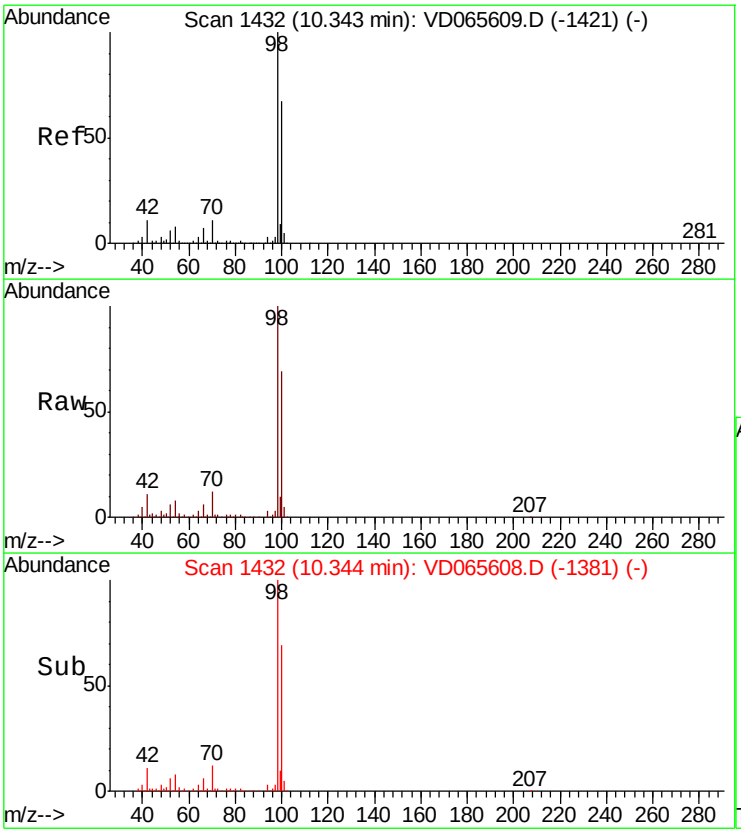
#49
1,4-Dioxane
Concen: 429.353 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 11498

Ion	Ratio	Lower	Upper
88	100		
43	38.3	29.8	44.8
58	64.9	57.7	86.5

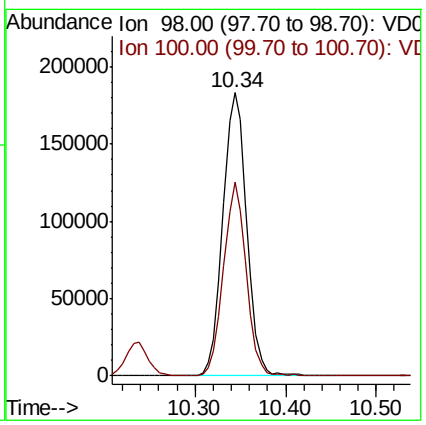


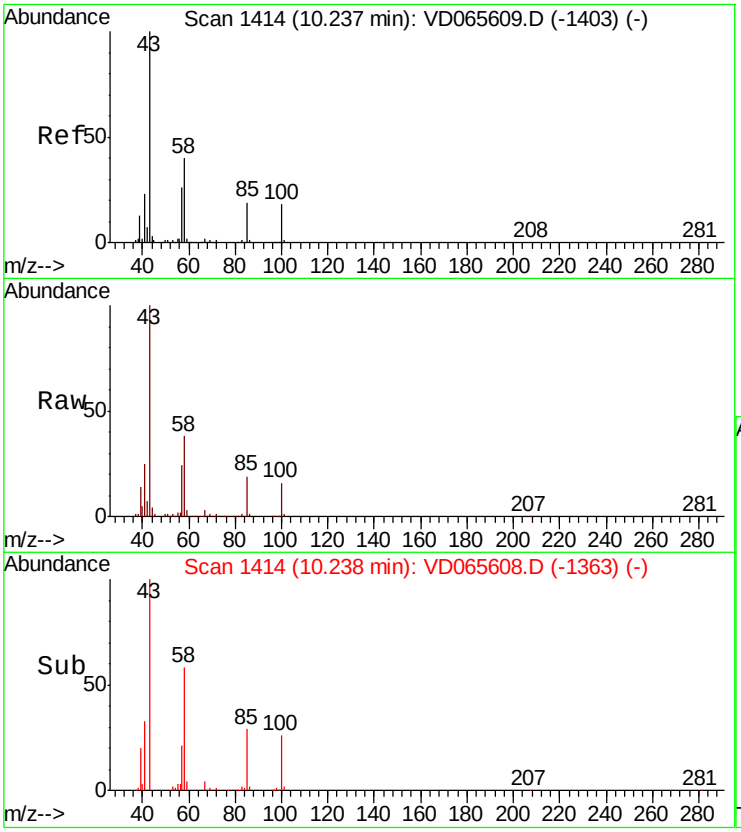


#50
Toluene-d8
Concen: 19.968 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 98 Resp: 334581

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	79.0



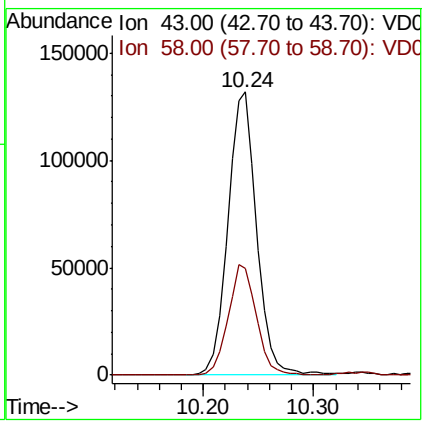


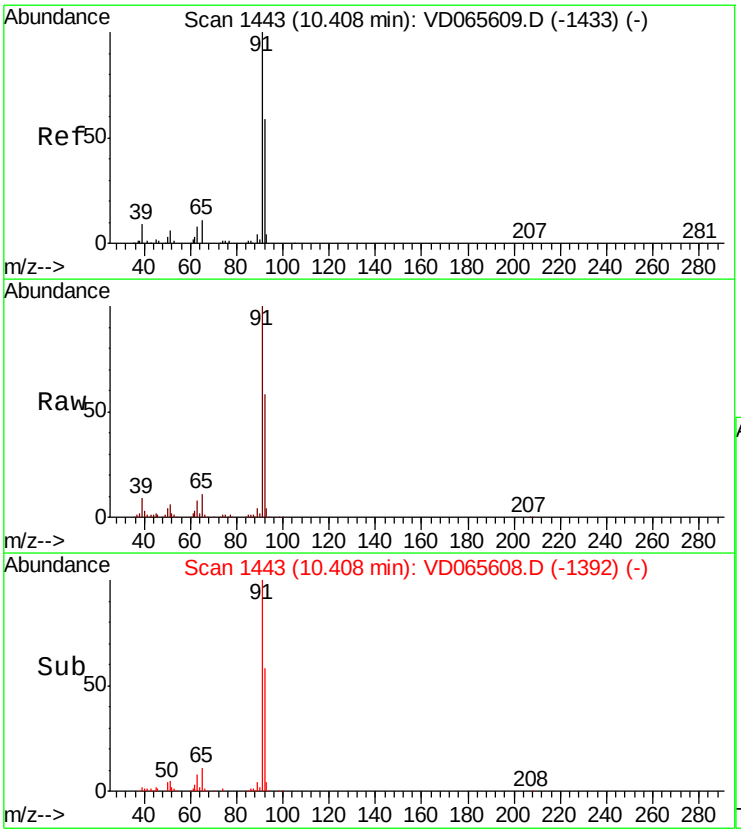
#51
4-Methyl-2-Pentanone
Concen: 101.669 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 239997

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.4	47.2

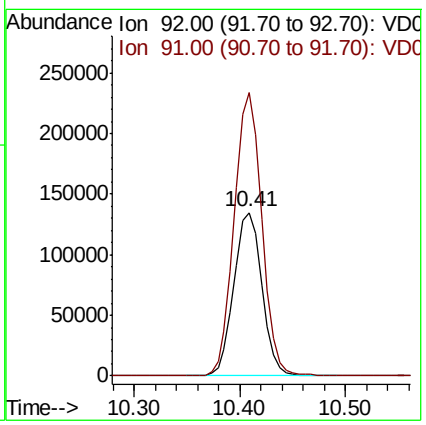


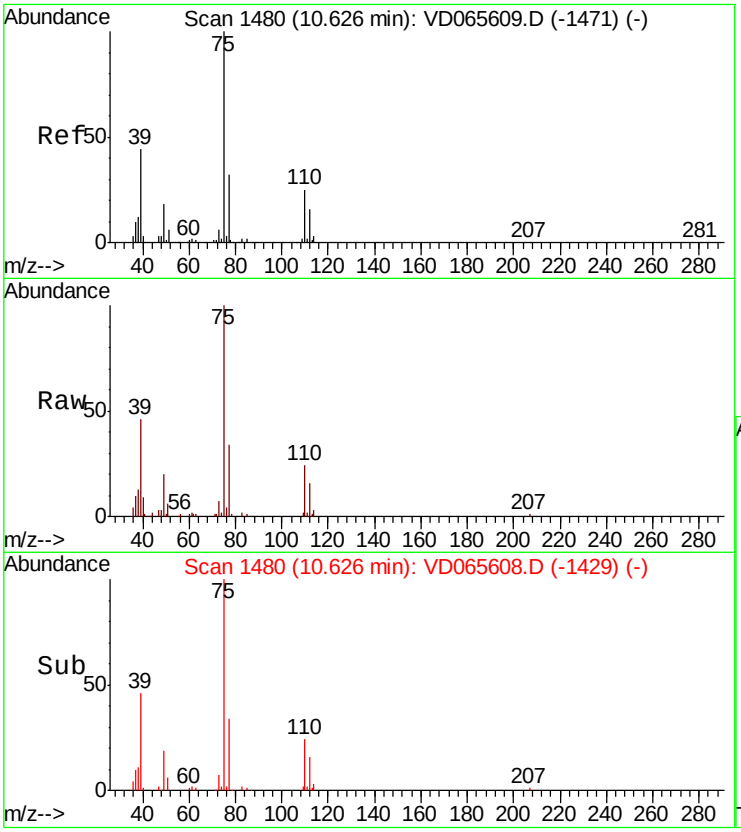


#52
Toluene
Concen: 20.242 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 92 Resp: 247266

Ion	Ratio	Lower	Upper
92	100		
91	171.7	137.9	206.9



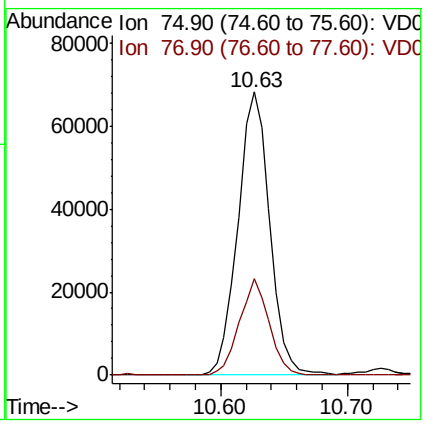


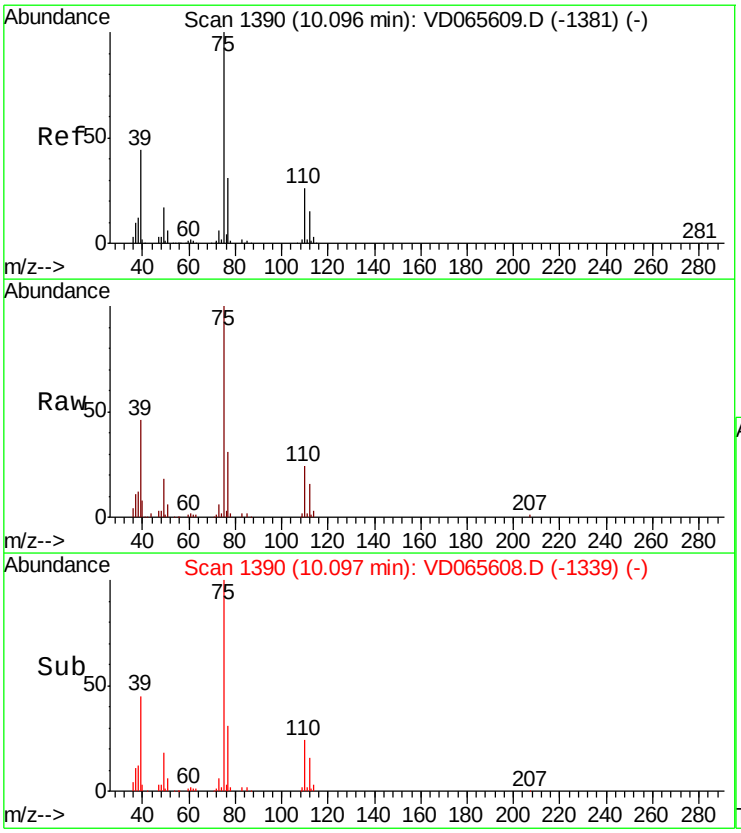
#53
t-1,3-Dichloropropene
Concen: 20.169 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 118701

Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.4	38.0

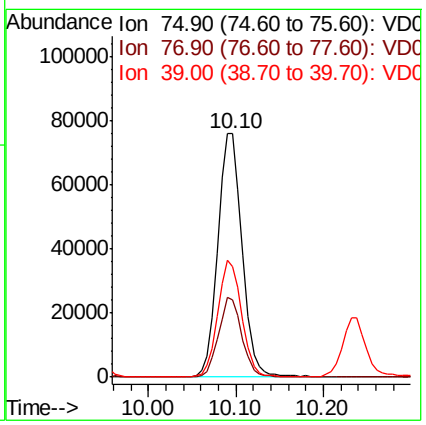


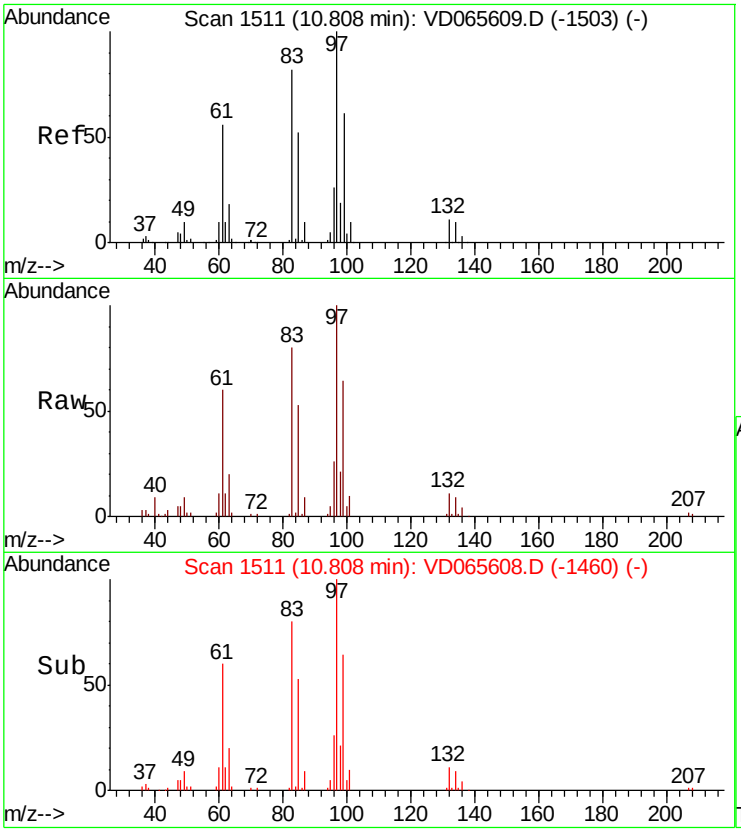


#54
cis-1,3-Dichloropropene
Concen: 20.208 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 75 Resp: 145622

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.5	36.7
39	45.4	35.5	53.3



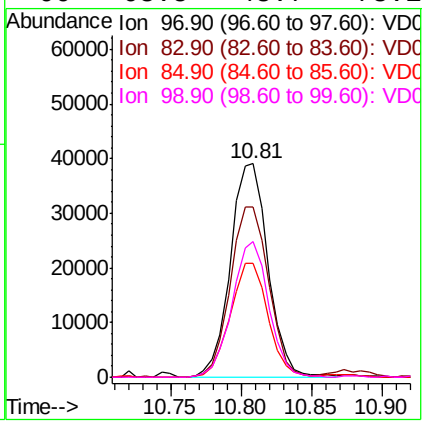


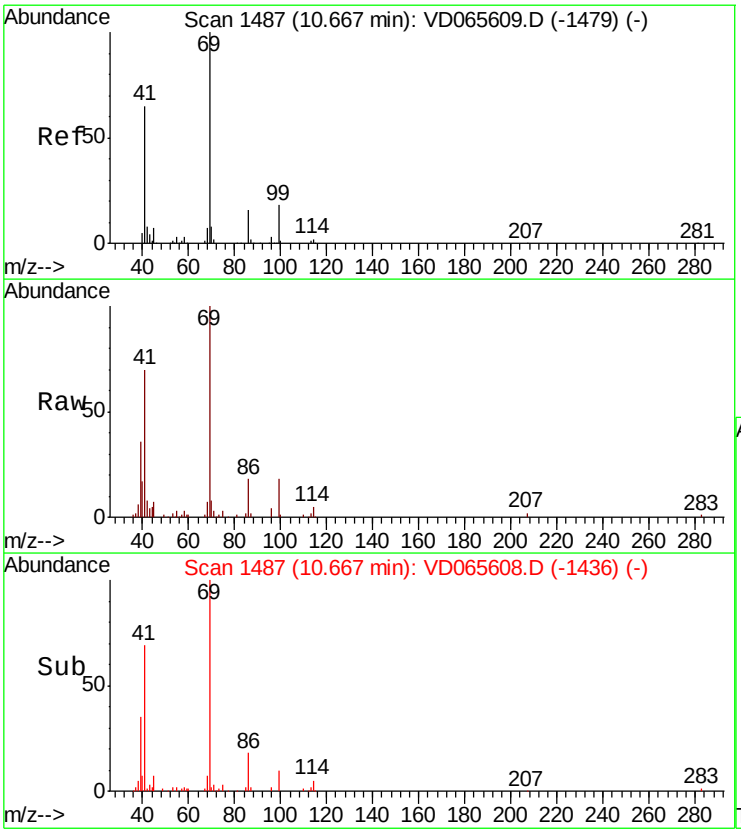
#55
1,1,2-Trichloroethane
Concen: 20.556 ug/l
RT: 10.81 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 72940

Ion	Ratio	Lower	Upper
97	100		
83	79.6	65.7	98.5
85	53.2	41.6	62.4
99	63.5	48.7	73.1

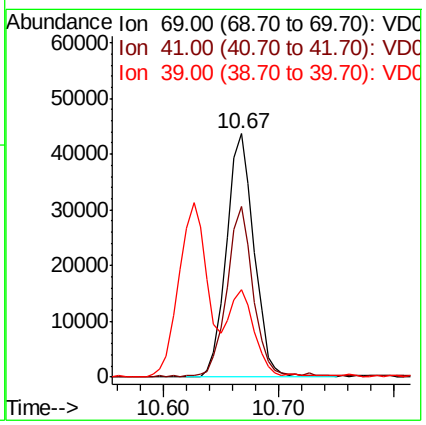


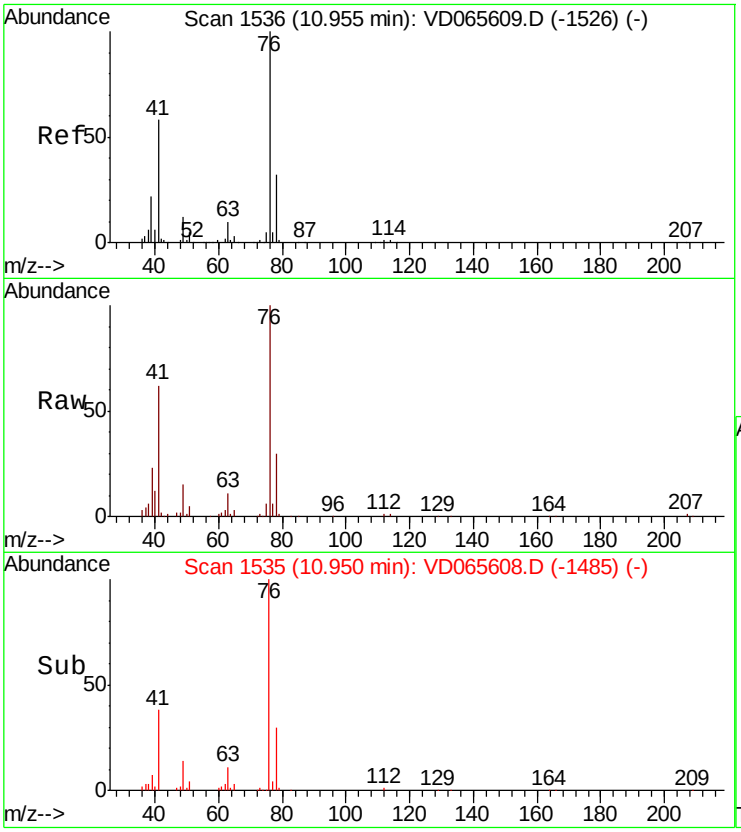


#56
Ethyl methacrylate
Concen: 20.213 ug/l
RT: 10.67 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 69 Resp: 72340

Ion	Ratio	Lower	Upper
69	100		
41	65.6	54.4	81.6
39	32.8	26.5	39.7



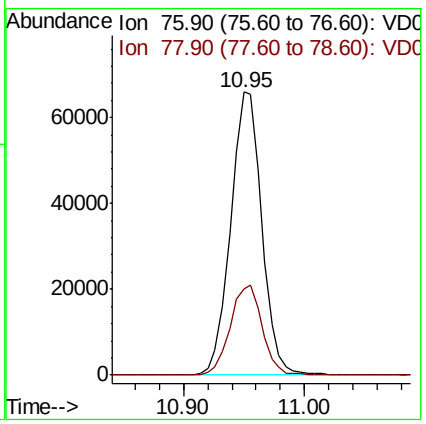


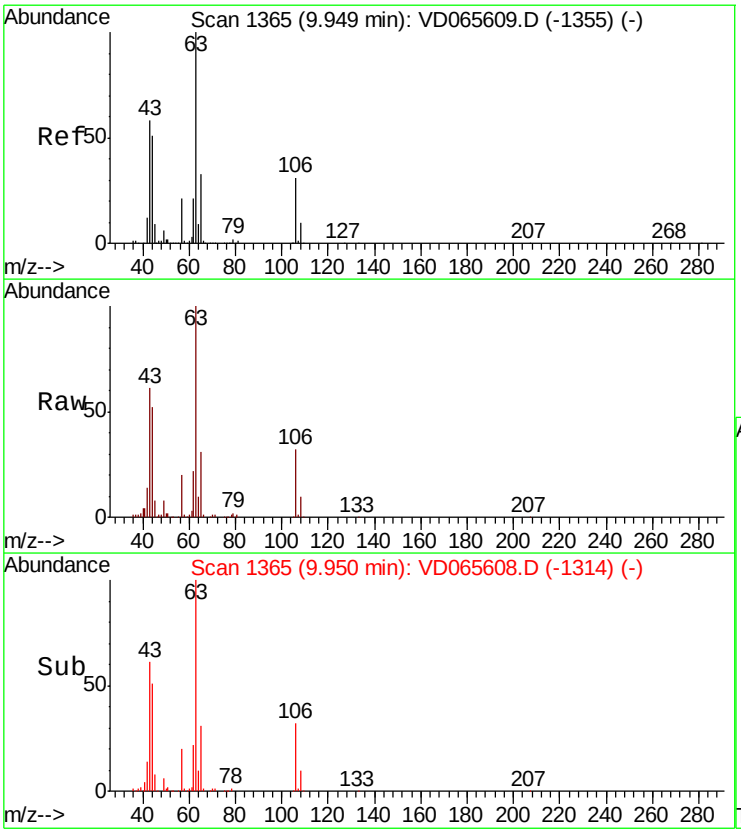
#57
1,3-Dichloropropane
Concen: 20.156 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 118463

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0

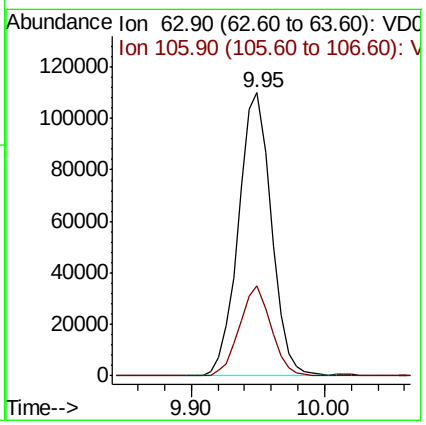


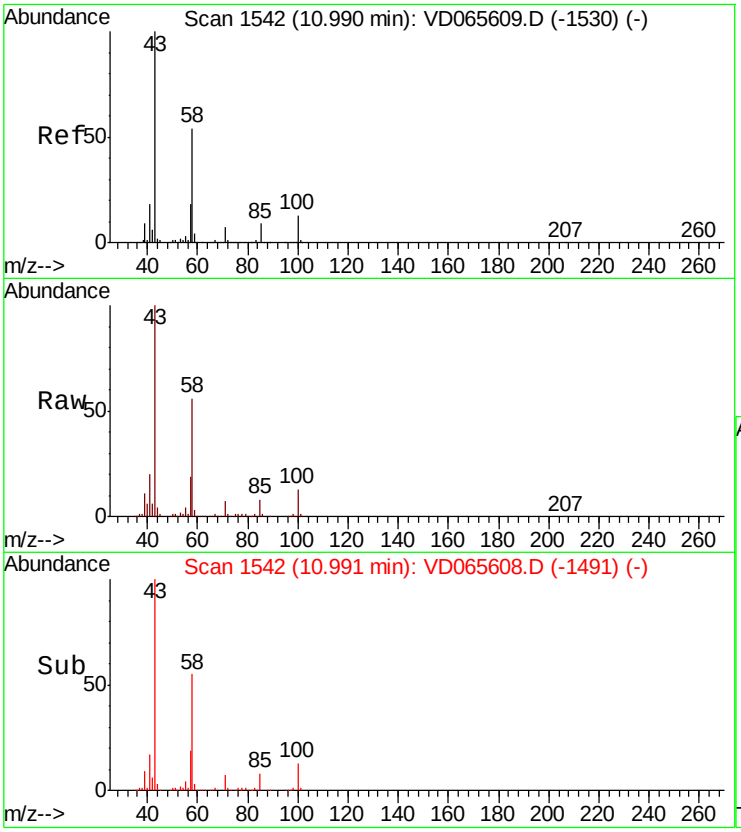


#58
2-Chloroethyl Vinyl ether
Concen: 99.735 ug/l
RT: 9.95 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 63 Resp: 187445

Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.2	36.2



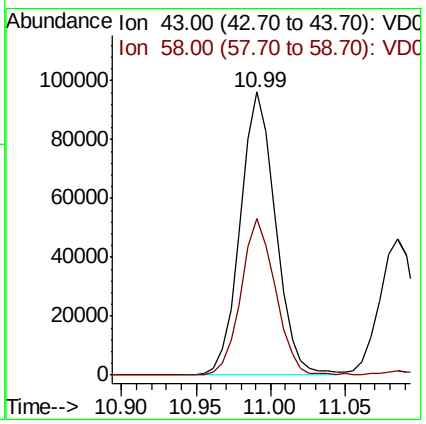


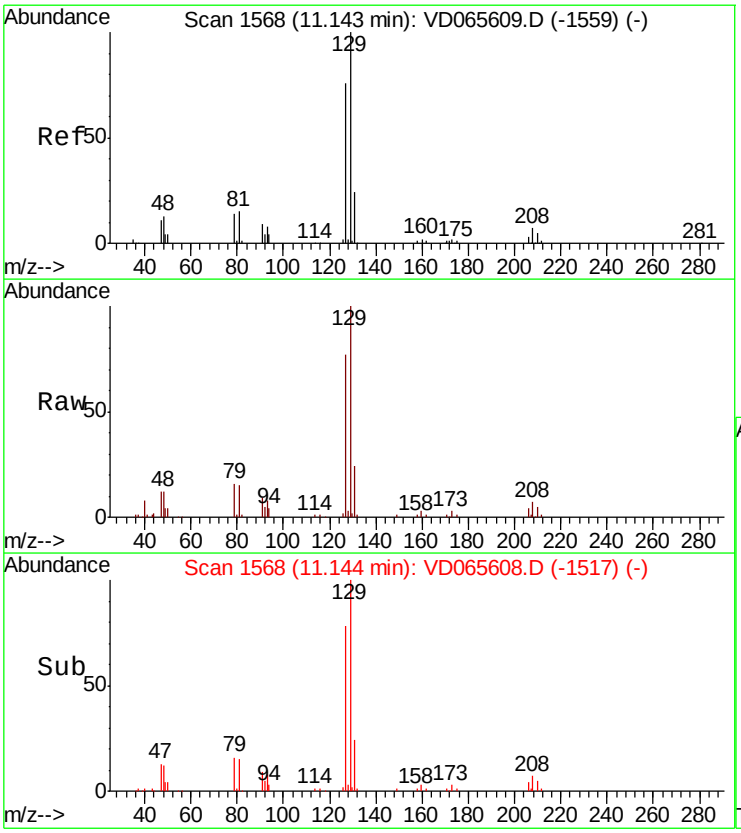
#59
2-Hexanone
Concen: 100.647 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 157894

Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.1	81.3

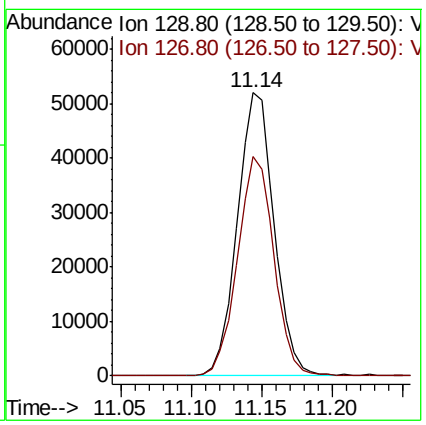


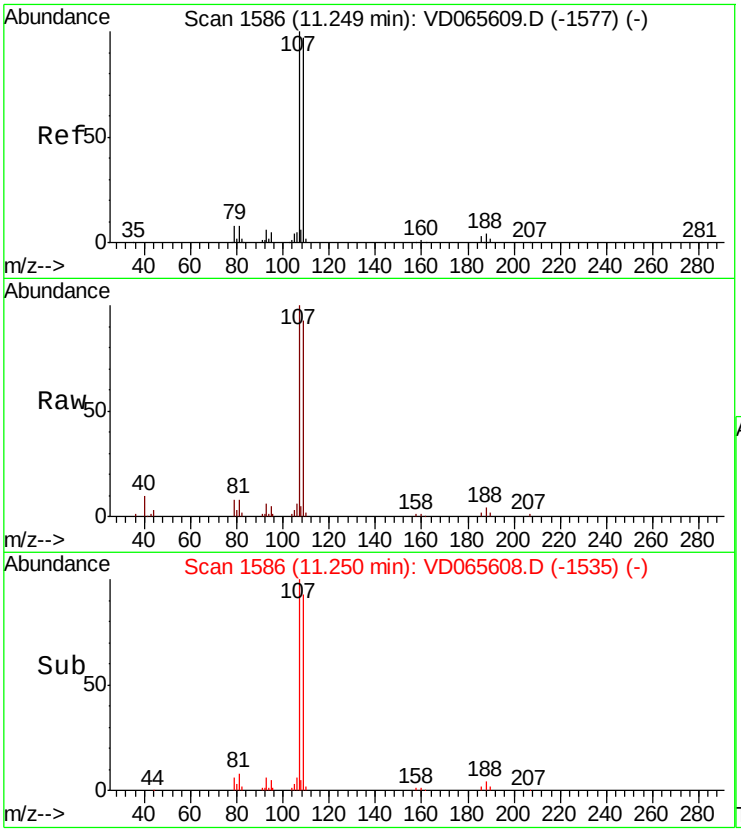


#60
Dibromochloromethane
Concen: 19.994 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:129 Resp: 94489

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.1	114.3



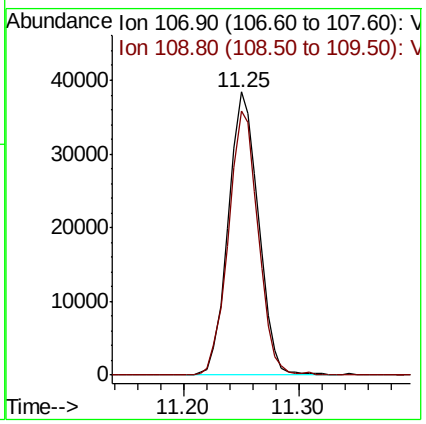


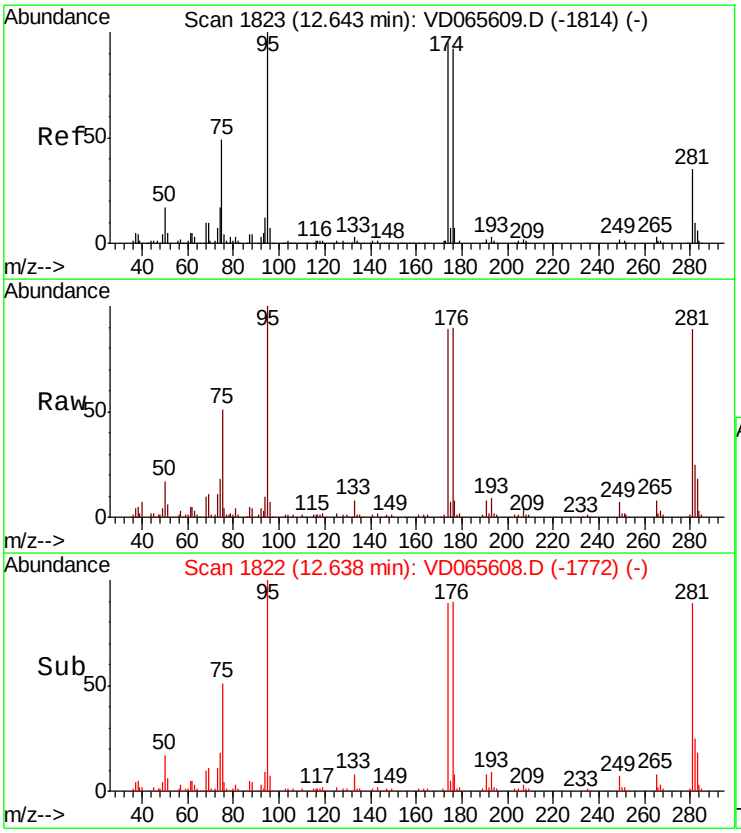
#61
1,2-Dibromoethane
Concen: 20.590 ug/l
RT: 11.25 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 69452

Ion	Ratio	Lower	Upper
107	100		
109	92.1	74.9	112.3

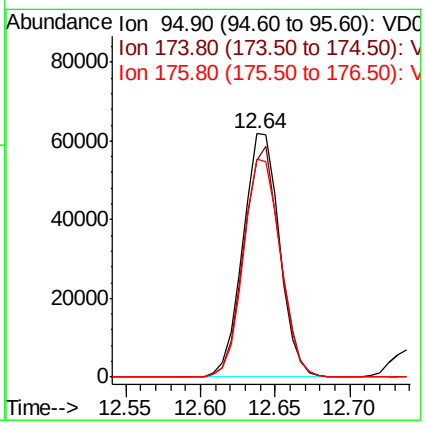


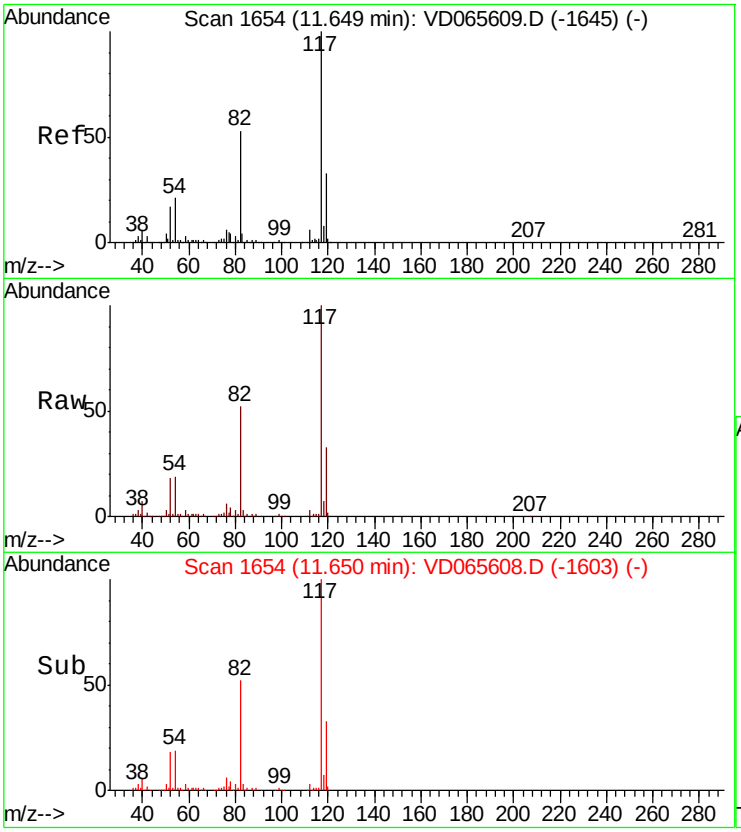


#62
4-Bromofluorobenzene
Concen: 19.462 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 95 Resp: 104789

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	182.8
176	90.5	0.0	176.6



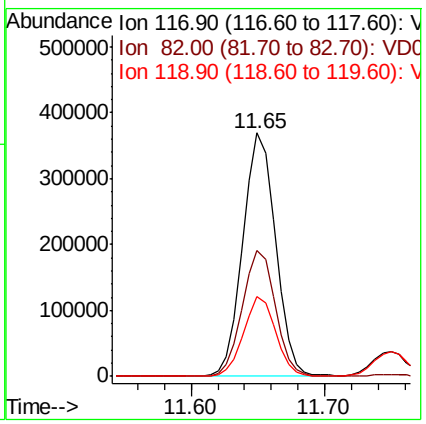


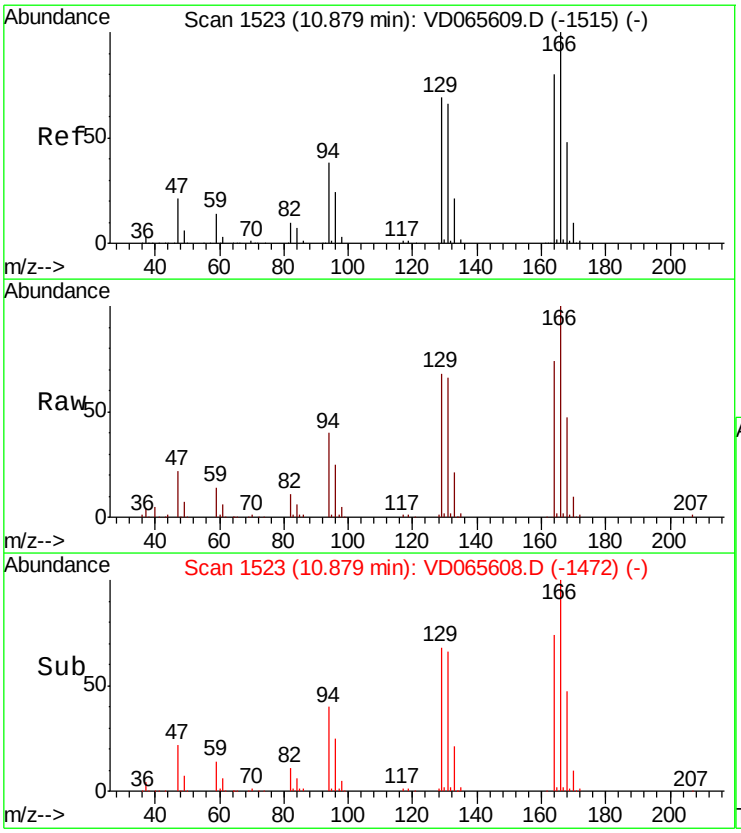
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 626046

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	64.0
119	32.7	26.7	40.1

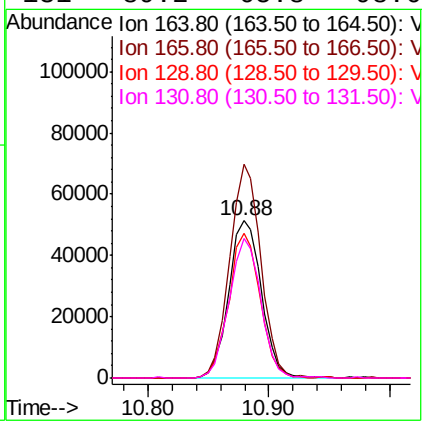


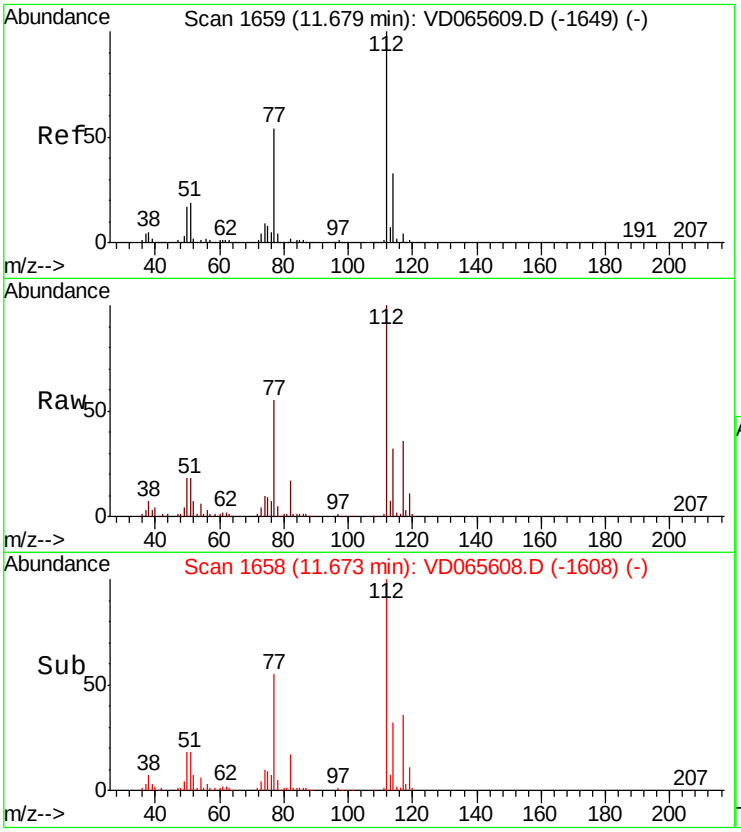


#64
Tetrachloroethene
Concen: 19.466 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:164 Resp: 96936

Ion	Ratio	Lower	Upper
164	100		
166	135.9	100.2	150.2
129	92.1	69.5	104.3
131	89.2	65.8	98.6



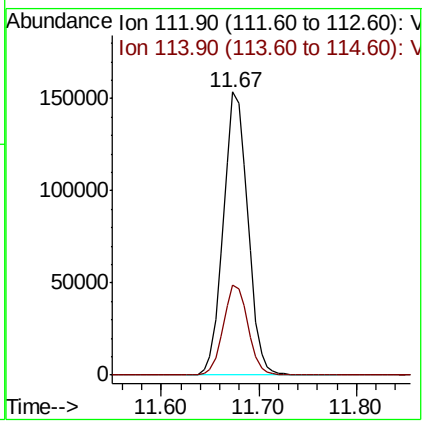


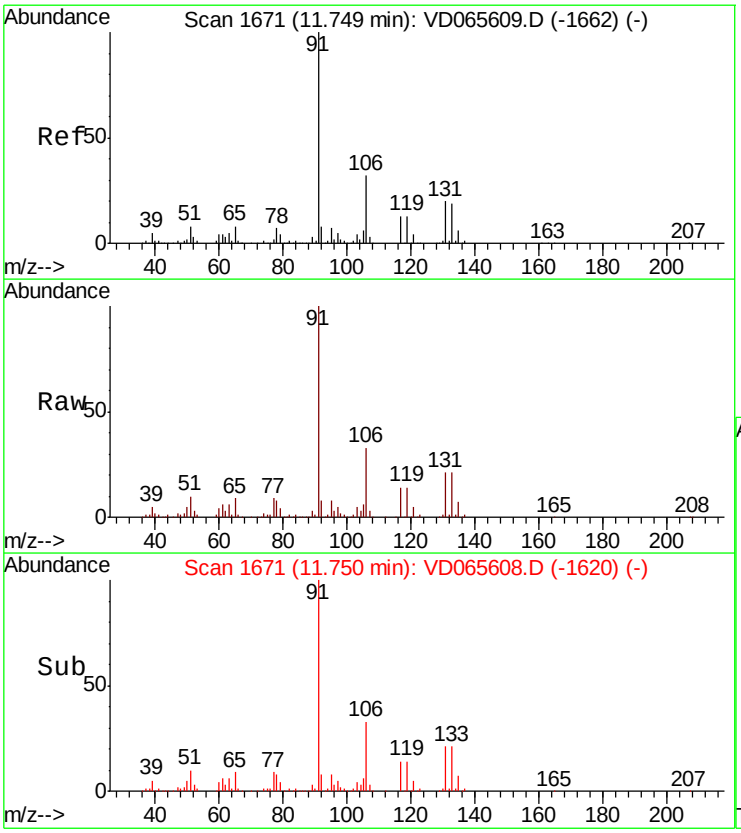
#65
Chlorobenzene
Concen: 19.731 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 267521

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2

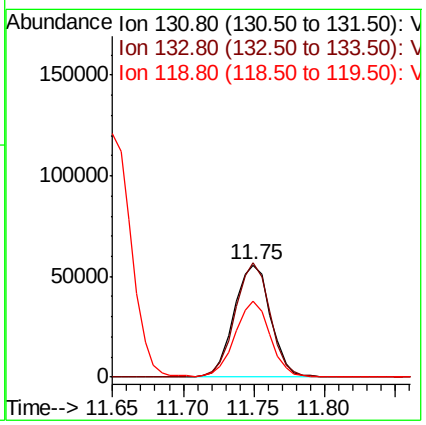


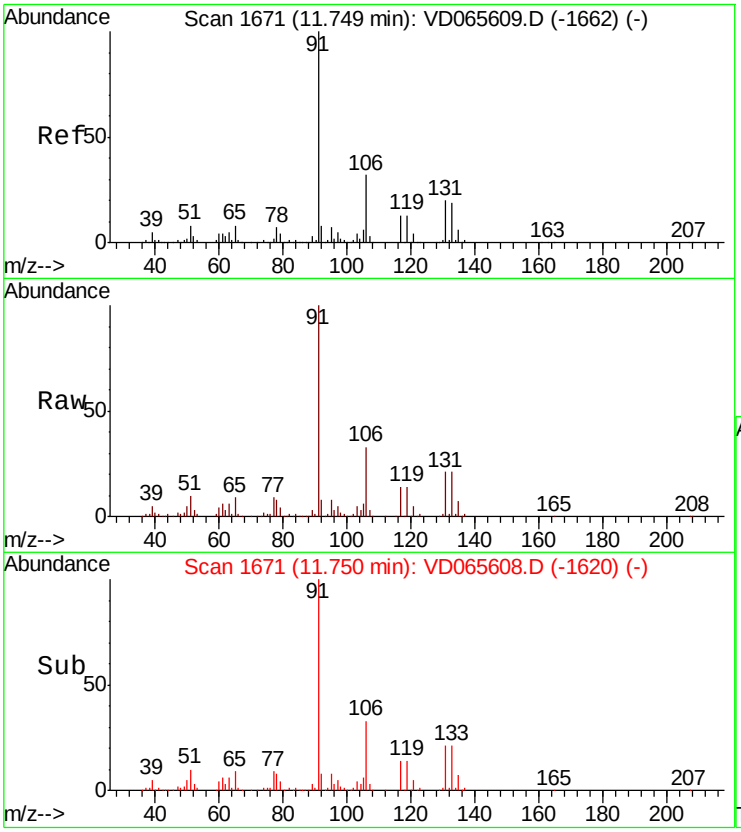


#66
1,1,1,2-Tetrachloroethane
Concen: 19.600 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:131 Resp: 101232

Ion	Ratio	Lower	Upper
131	100		
133	98.0	47.3	142.0
119	64.8	31.9	95.9



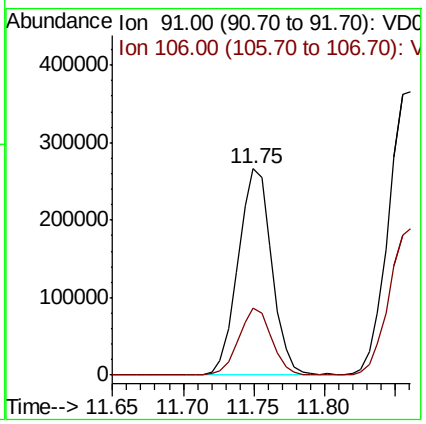


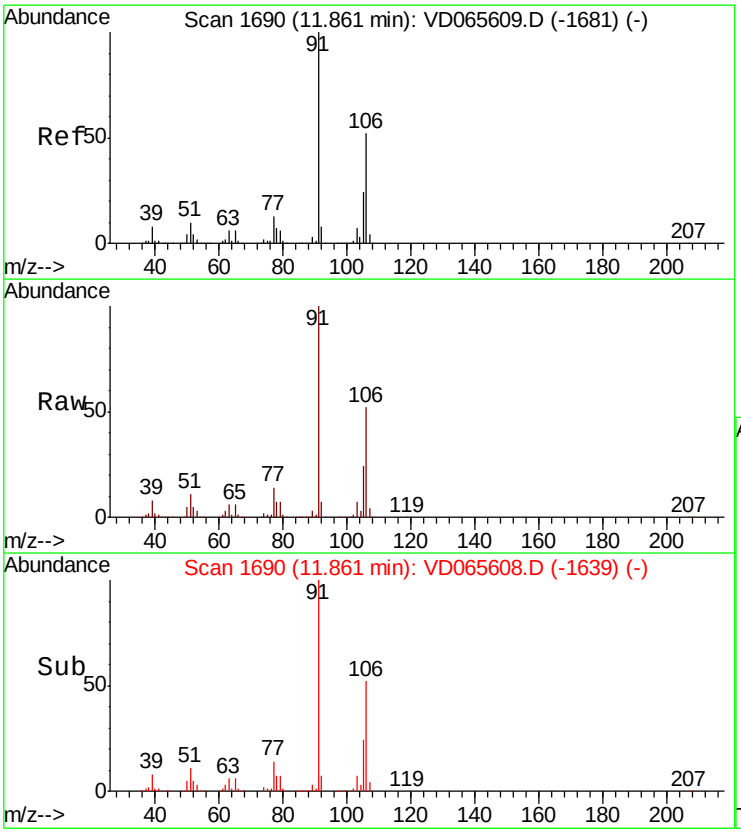
#67
Ethyl Benzene
Concen: 19.897 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 445459

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.6	38.4

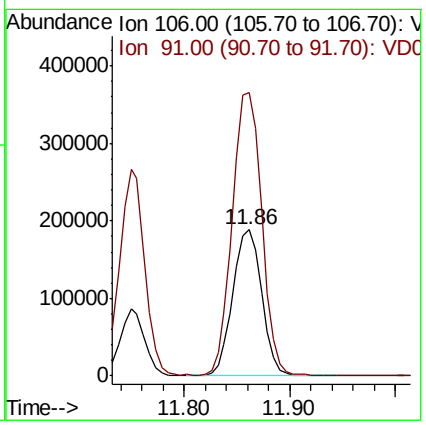


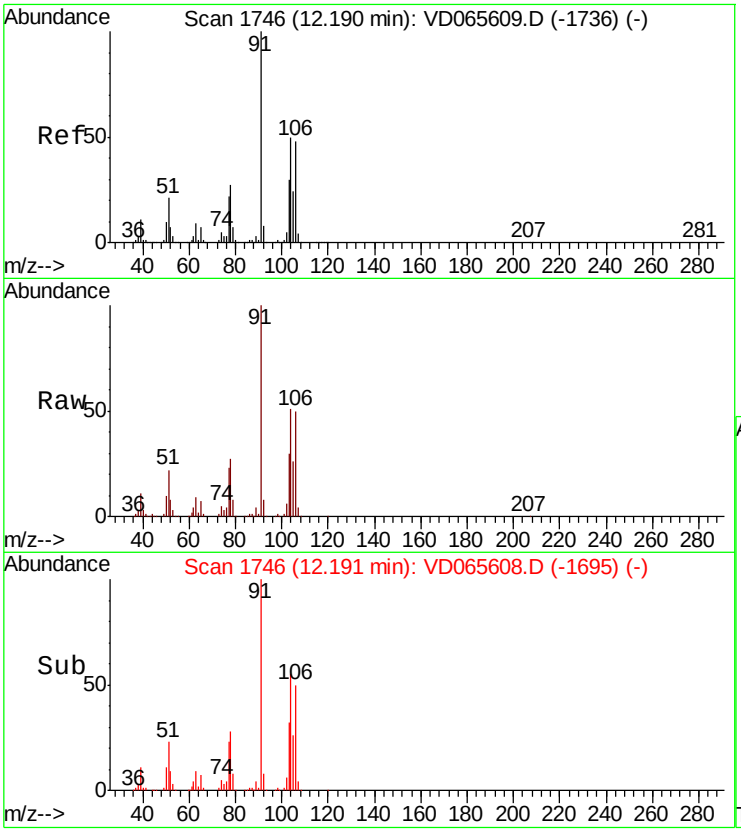


#68
m/p-Xylenes
Concen: 40.618 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:106 Resp: 358777

Ion	Ratio	Lower	Upper
106	100		
91	197.6	155.0	232.4



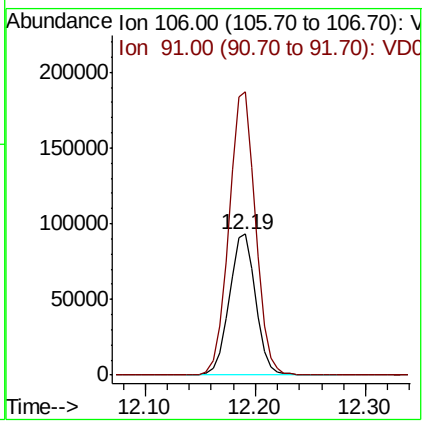


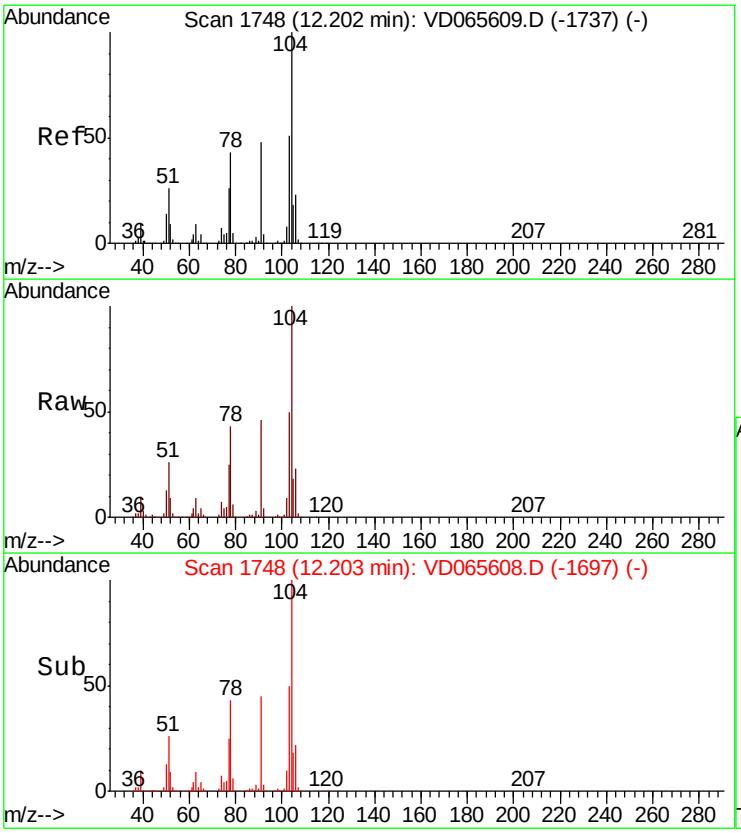
#69
o-Xylene
Concen: 20.460 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 155725

Ion	Ratio	Lower	Upper
106	100		
91	202.8	103.8	311.3

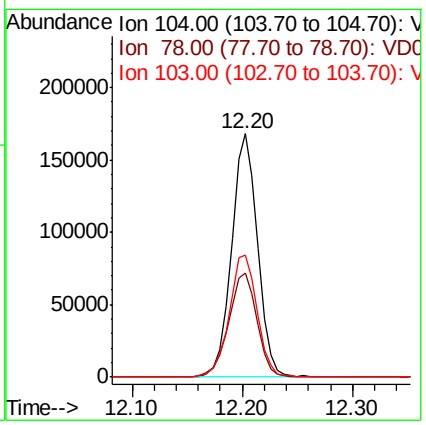


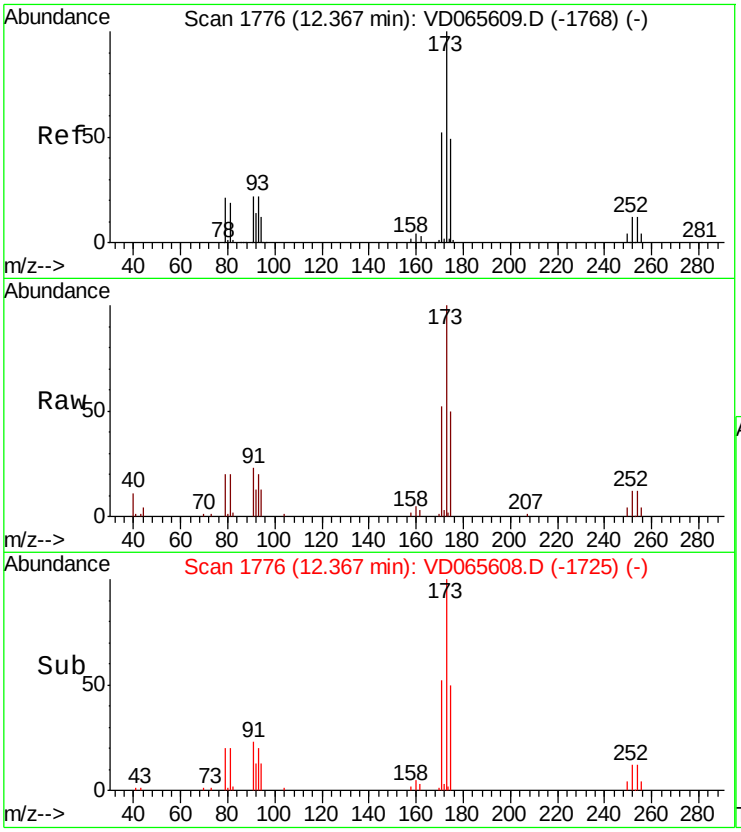


#70
Styrene
Concen: 20.620 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:104 Resp: 277466

Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.1	55.7
103	54.0	43.2	64.8



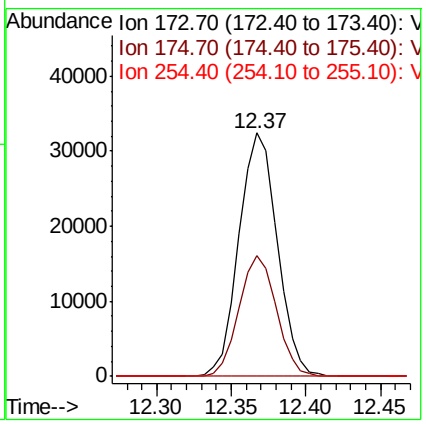


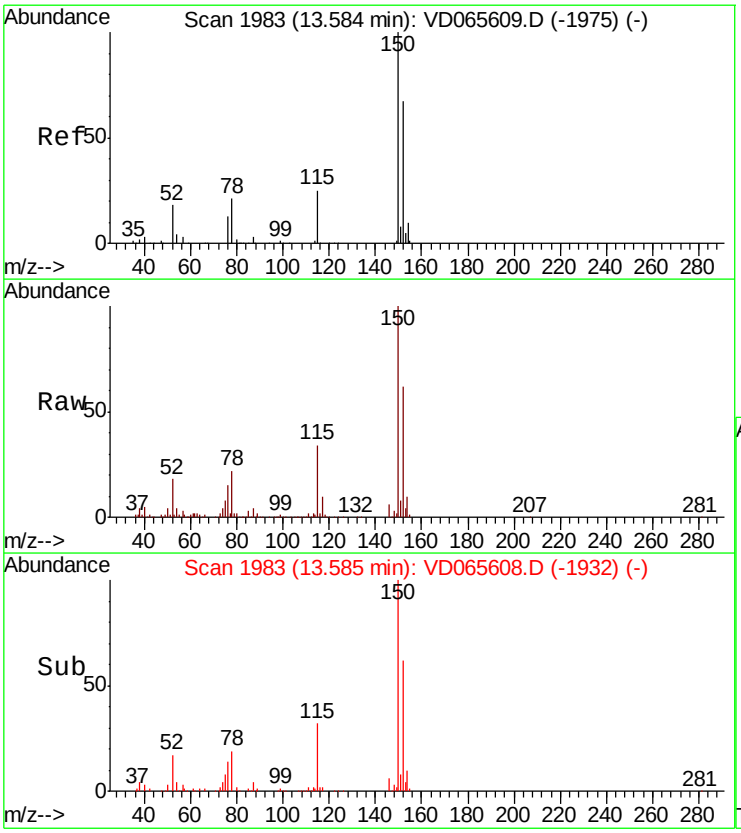
#71
Bromoform
Concen: 19.879 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 57583

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.5	73.5
254	0.0	0.0	0.0

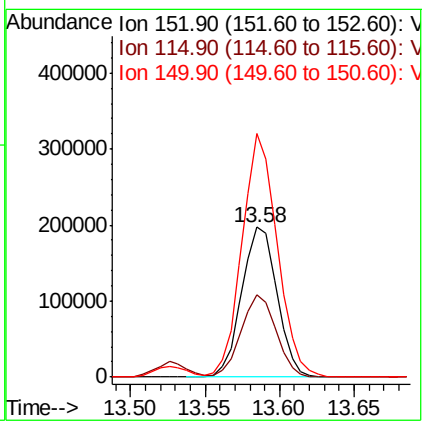


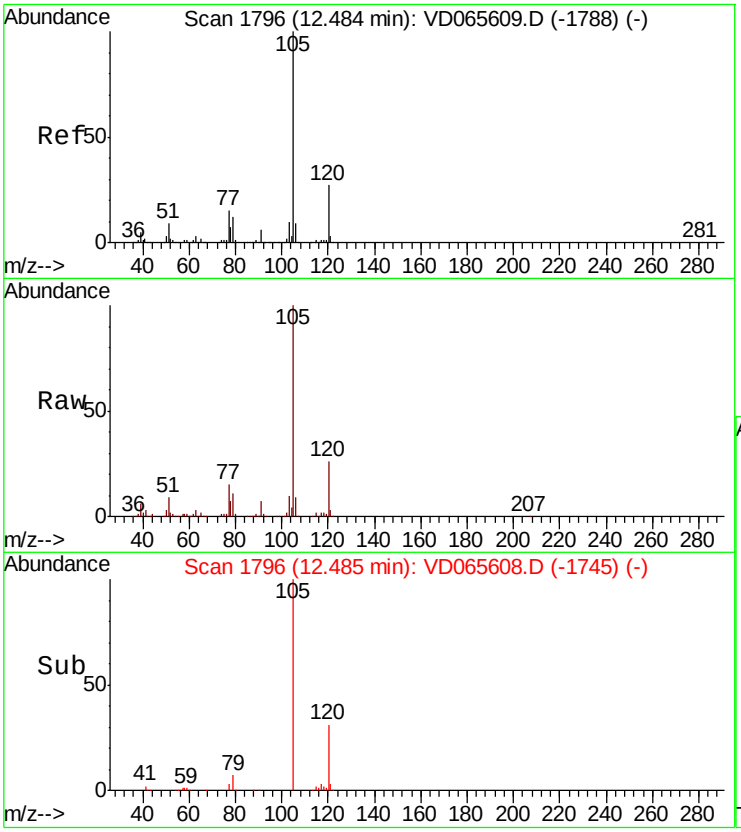


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:152 Resp: 323293

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.1	81.2
150	161.7	0.0	348.2



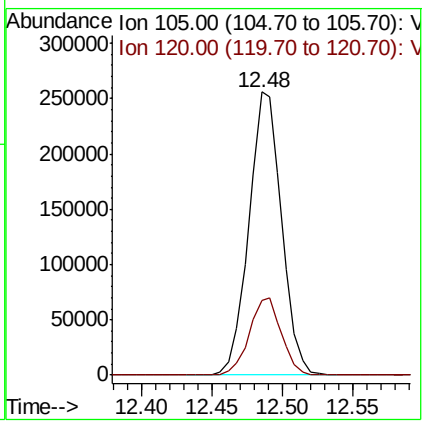


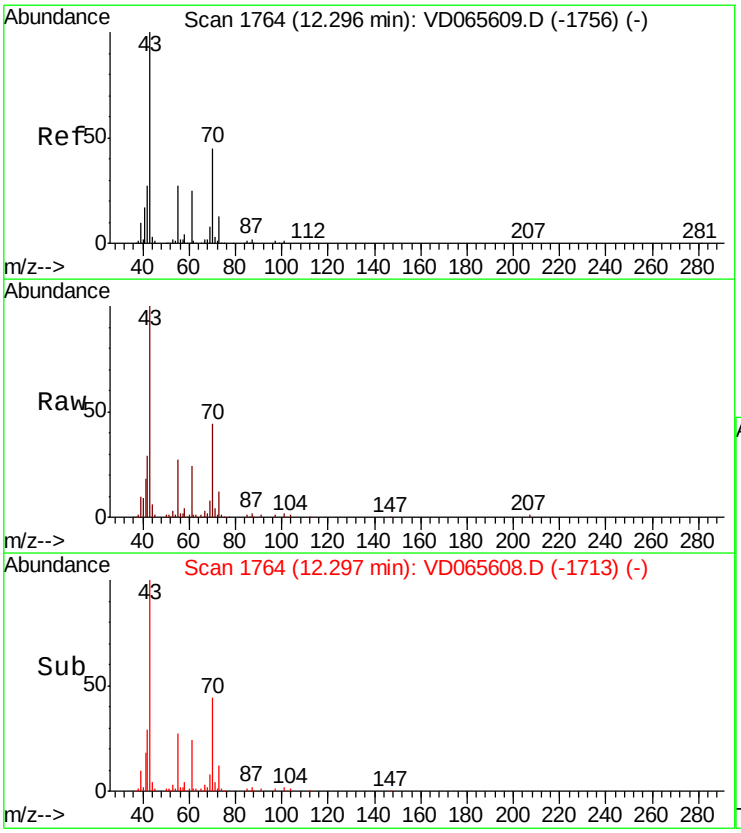
#73
Isopropylbenzene
Concen: 20.245 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 417025

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.8	41.3

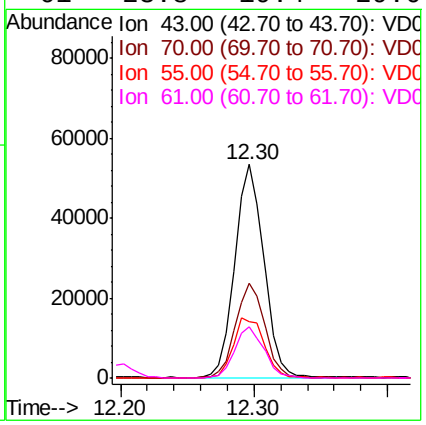


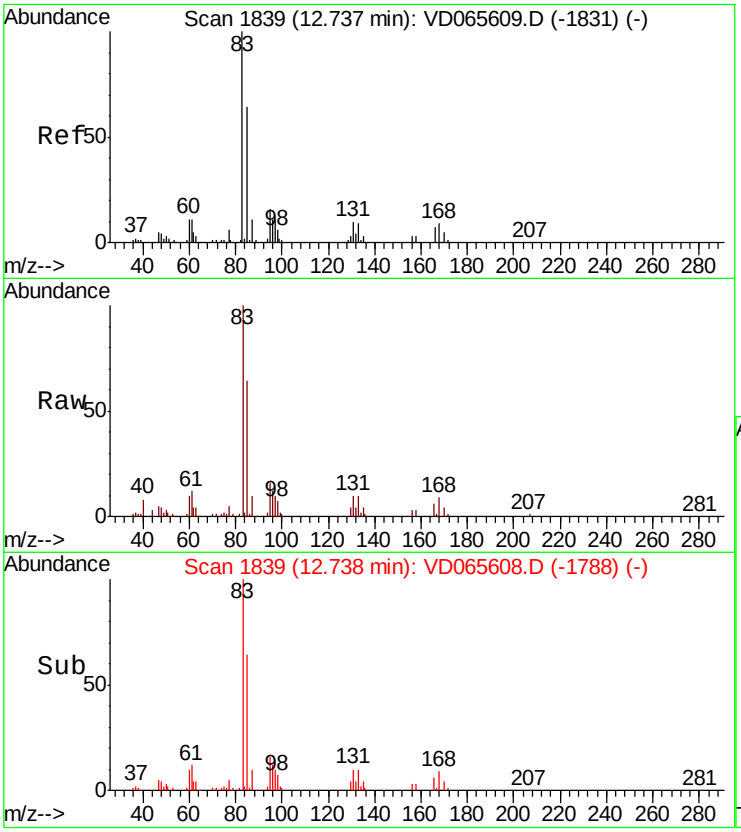


#74
N-amyl acetate
Concen: 19.893 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 43 Resp: 81153

Ion	Ratio	Lower	Upper
43	100		
70	44.2	35.2	52.8
55	30.0	22.5	33.7
61	23.8	19.4	29.0



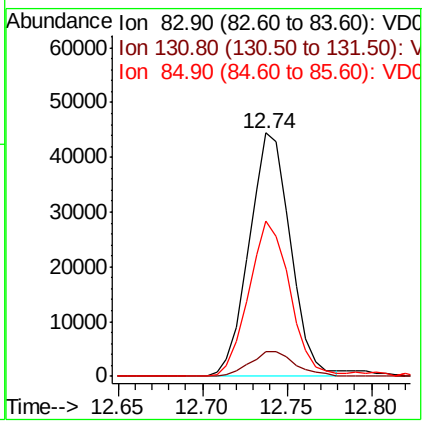


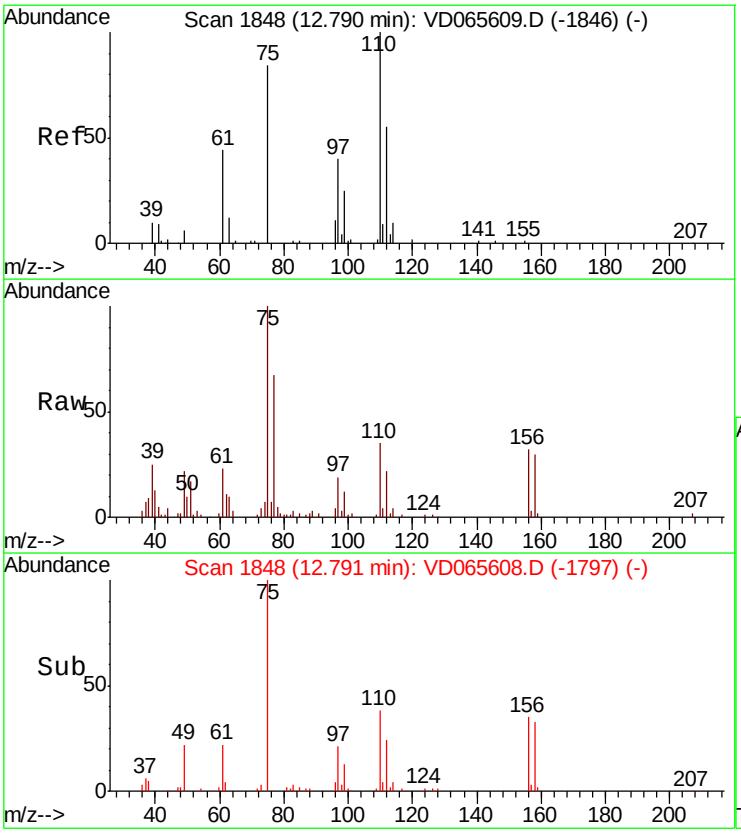
#75
1,1,2,2-Tetrachloroethane
Concen: 19.929 ug/l
RT: 12.74 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 75465

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.7	17.0
85	63.7	31.8	95.4

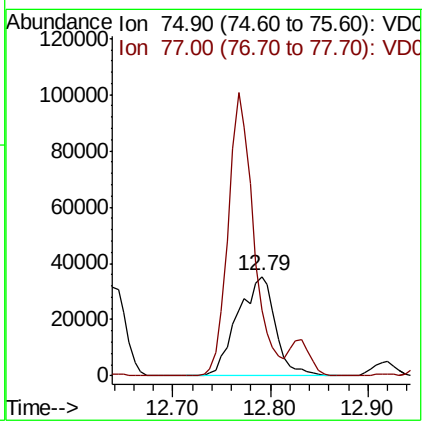


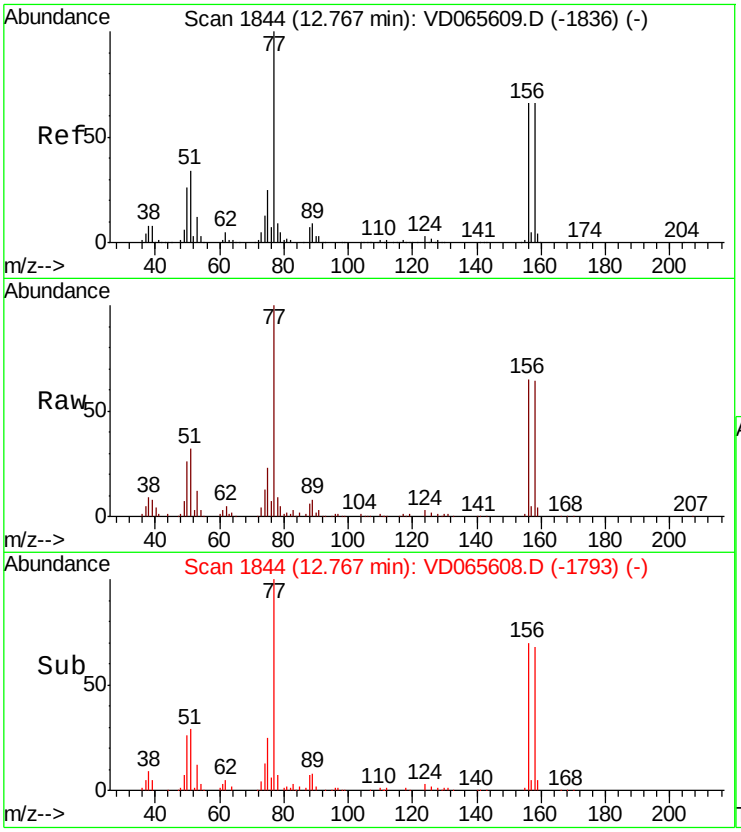


#76
1,2,3-Trichloropropane
Concen: 21.989 ug/l
RT: 12.79 min Scan# 1848
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 75 Resp: 95515

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



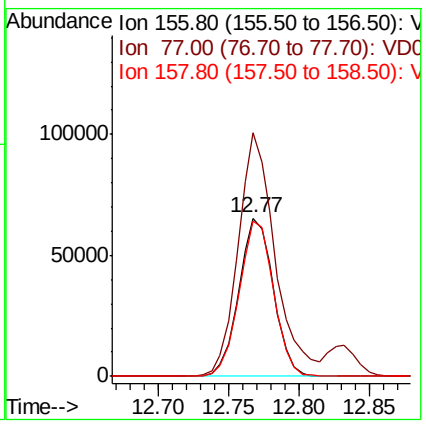


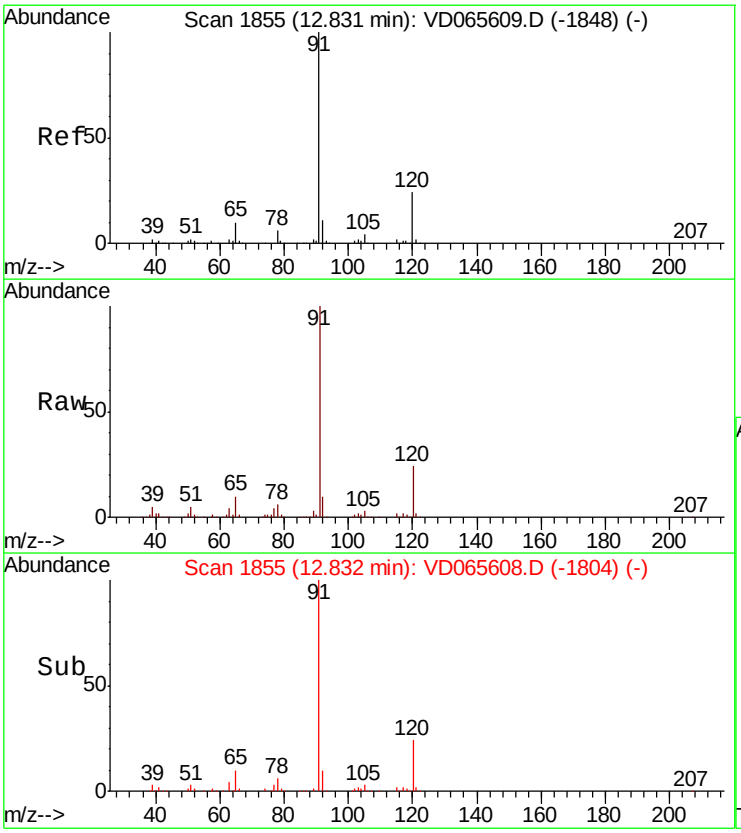
#77
Bromobenzene
Concen: 19.818 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 111919

Ion	Ratio	Lower	Upper
156	100		
77	164.9	80.3	240.9
158	97.5	48.5	145.5

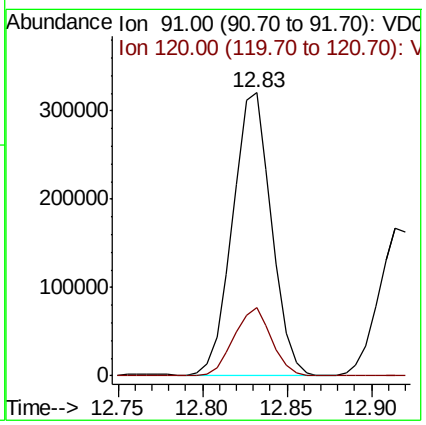


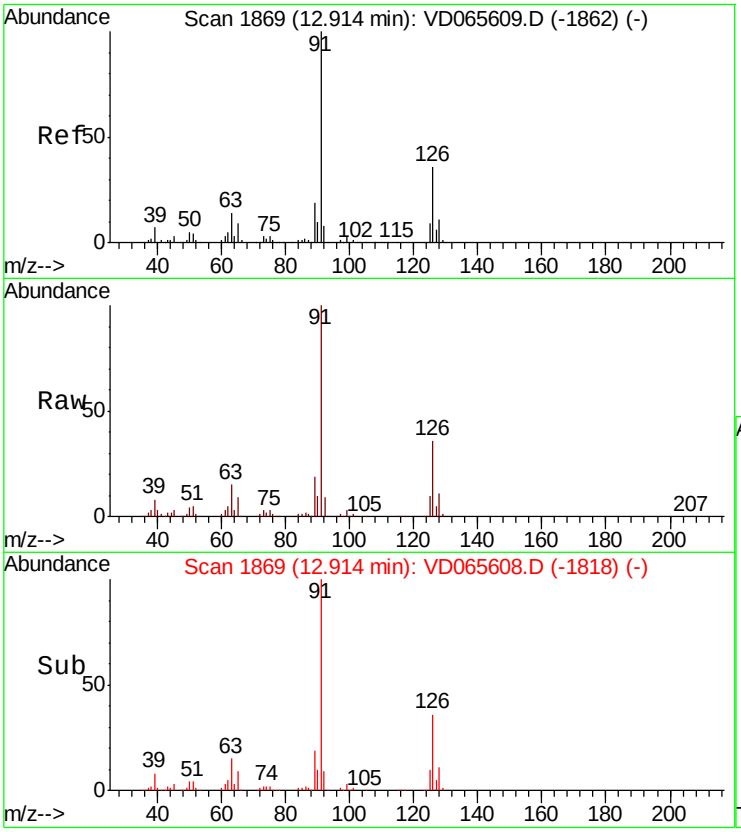


#78
n-propylbenzene
Concen: 20.533 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 91 Resp: 510454

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5



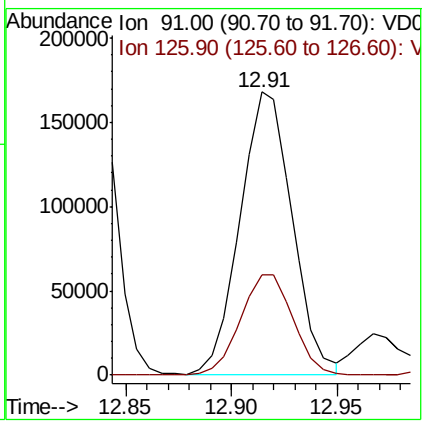


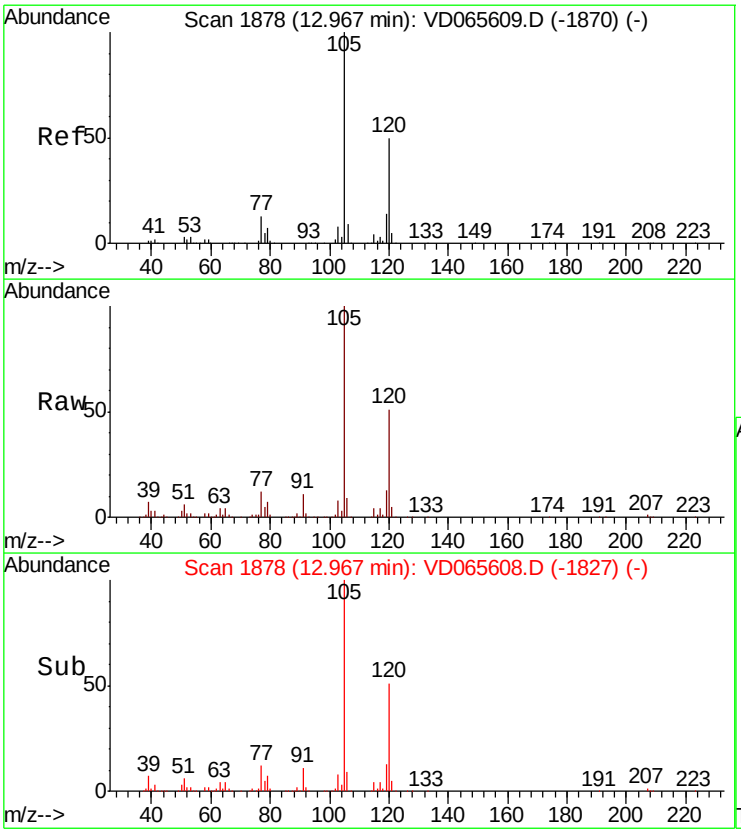
#79
2-Chlorotoluene
Concen: 20.181 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 287533

Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.0	54.0

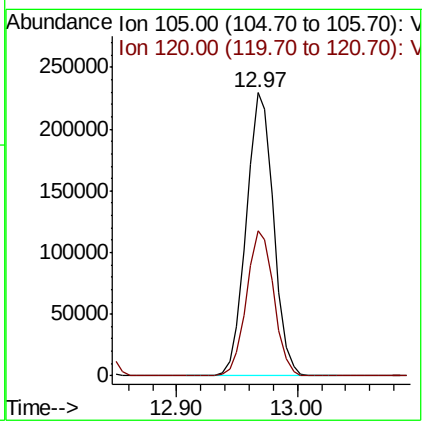


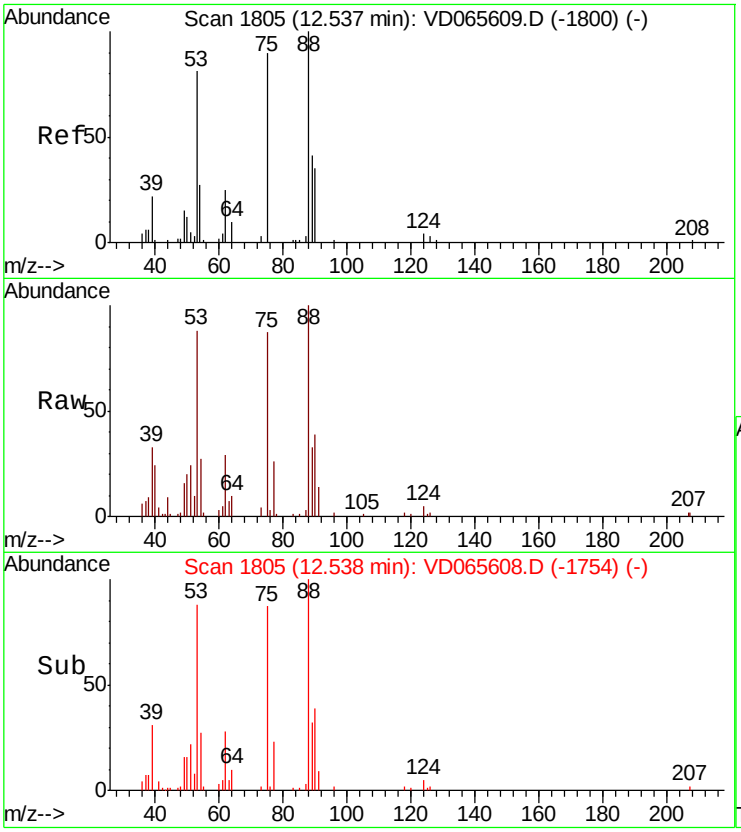


#80
1,3,5-Trimethylbenzene
Concen: 20.795 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:105 Resp: 361030

Ion	Ratio	Lower	Upper
105	100		
120	51.5	25.7	77.0



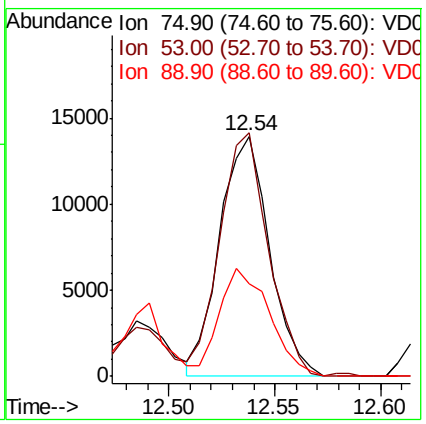


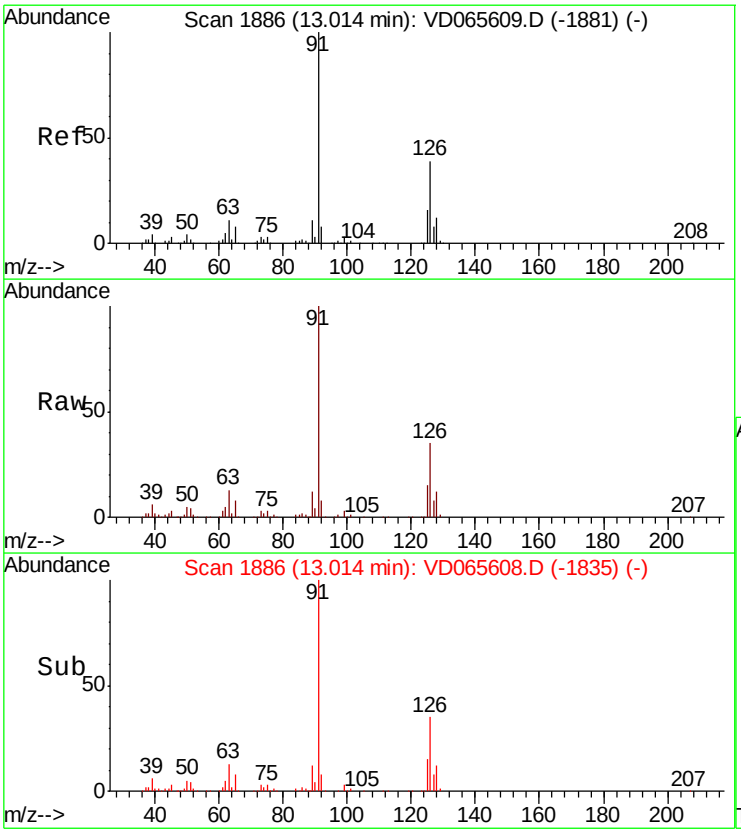
#81
trans-1,4-Dichloro-2-butene
Concen: 20.377 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 22810

Ion	Ratio	Lower	Upper
75	100		
53	98.7	73.8	110.8
89	45.7	36.1	54.1

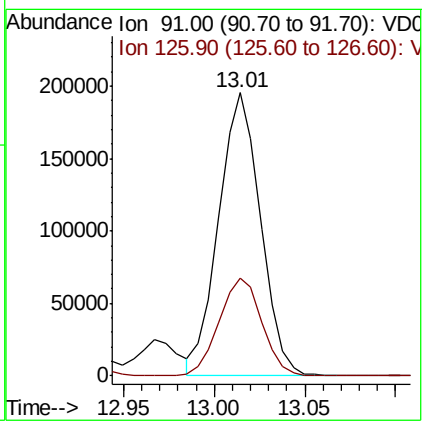


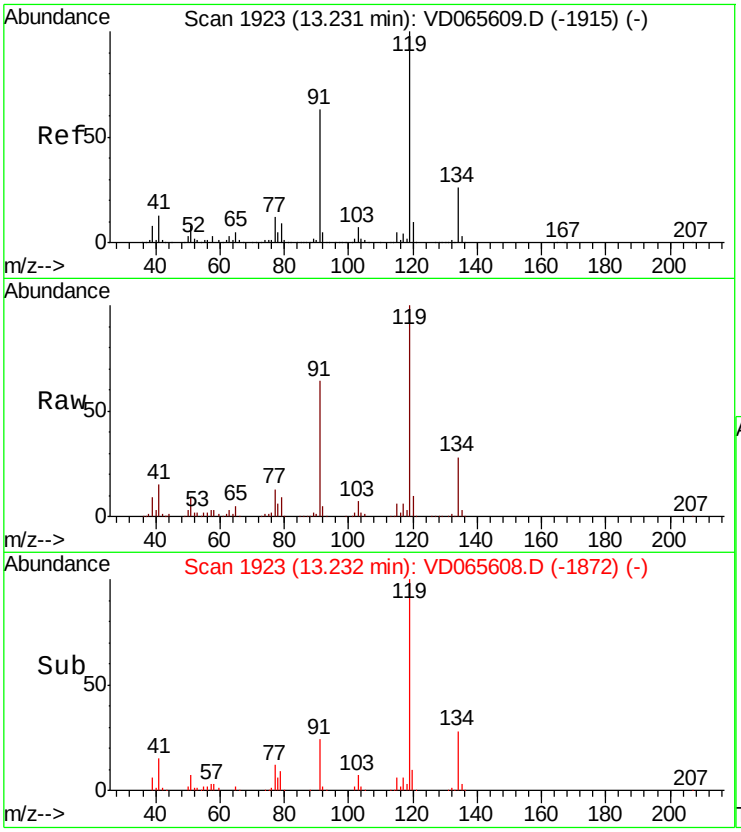


#82
4-Chlorotoluene
Concen: 20.340 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 91 Resp: 311928

Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.4



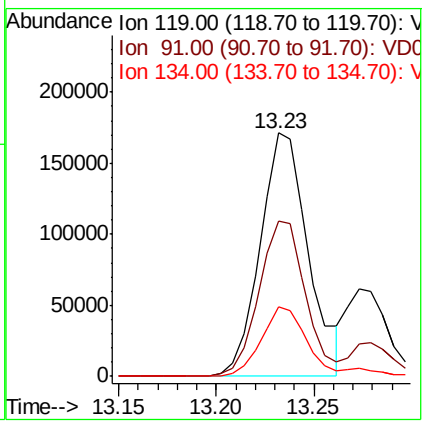


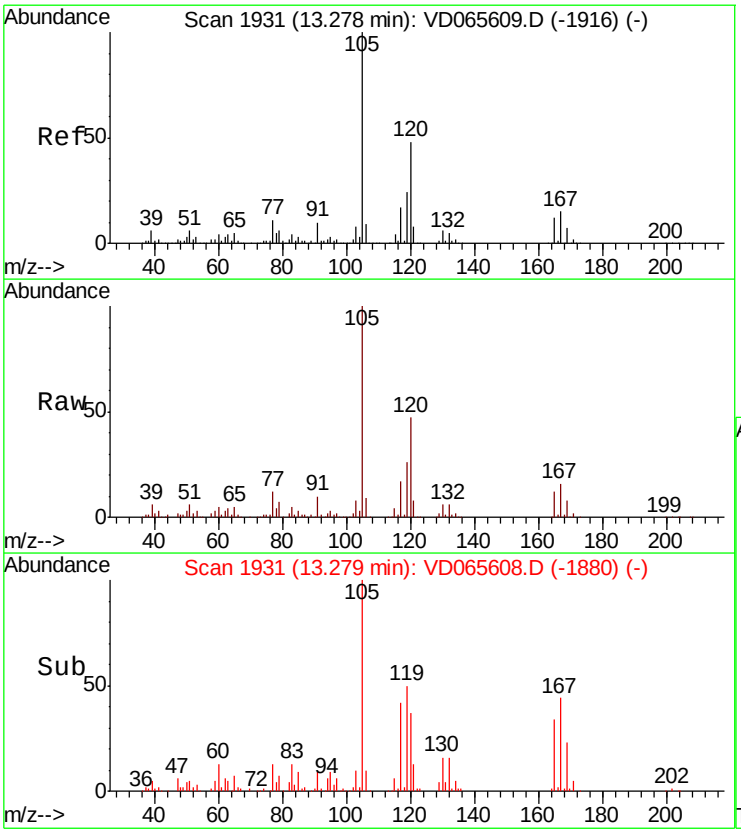
#83
tert-Butylbenzene
Concen: 20.196 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 293198

Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.4	91.2
134	28.7	13.7	41.0

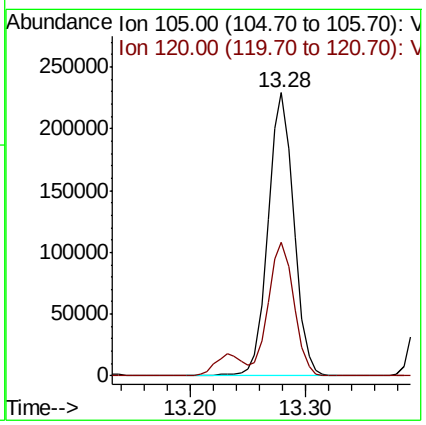


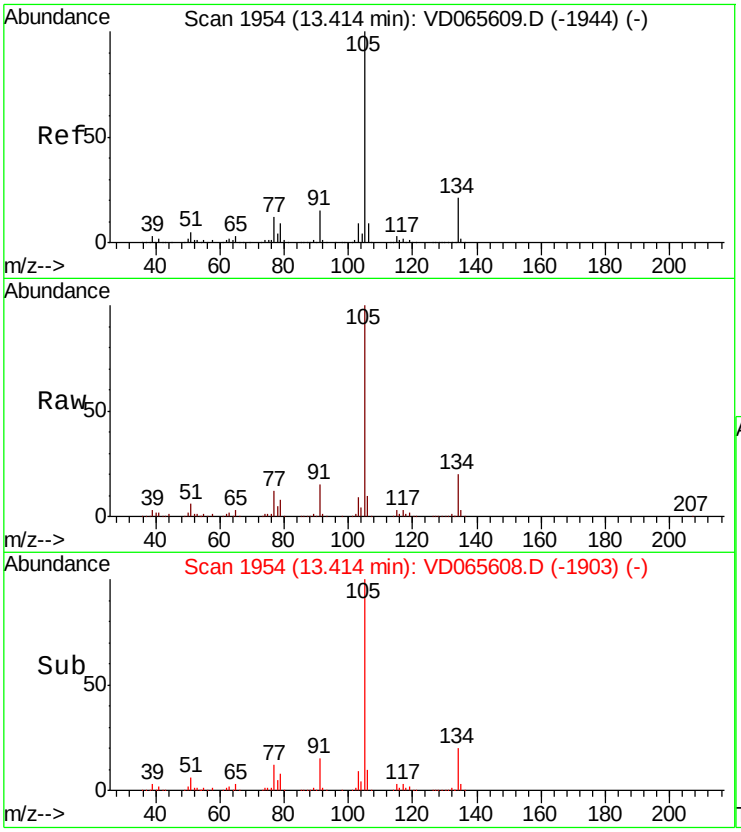


#84
1,2,4-Trimethylbenzene
Concen: 20.617 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:105 Resp: 355704

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.5	70.6



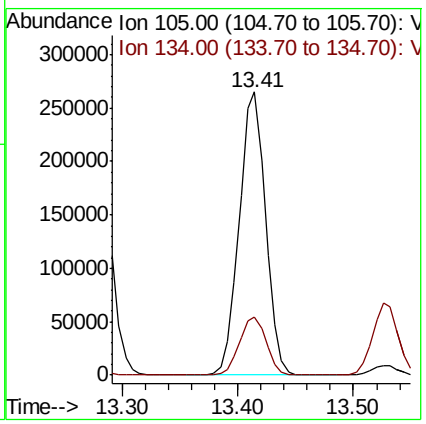


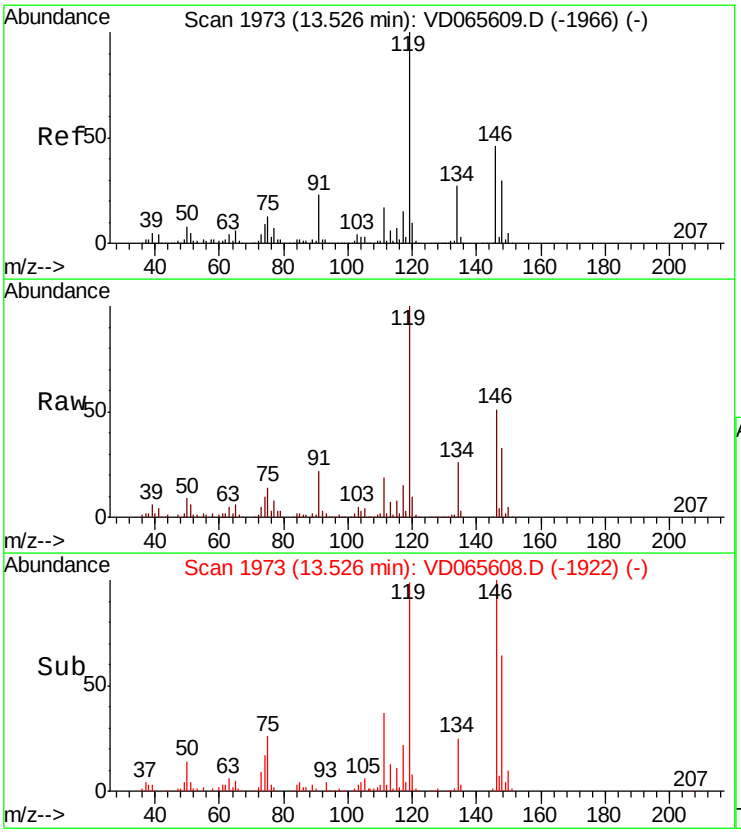
#85
sec-Butylbenzene
Concen: 20.340 ug/l
RT: 13.41 min Scan# 1954
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 420174

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.7	31.9

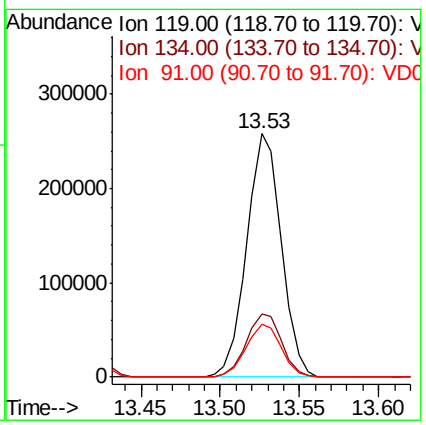


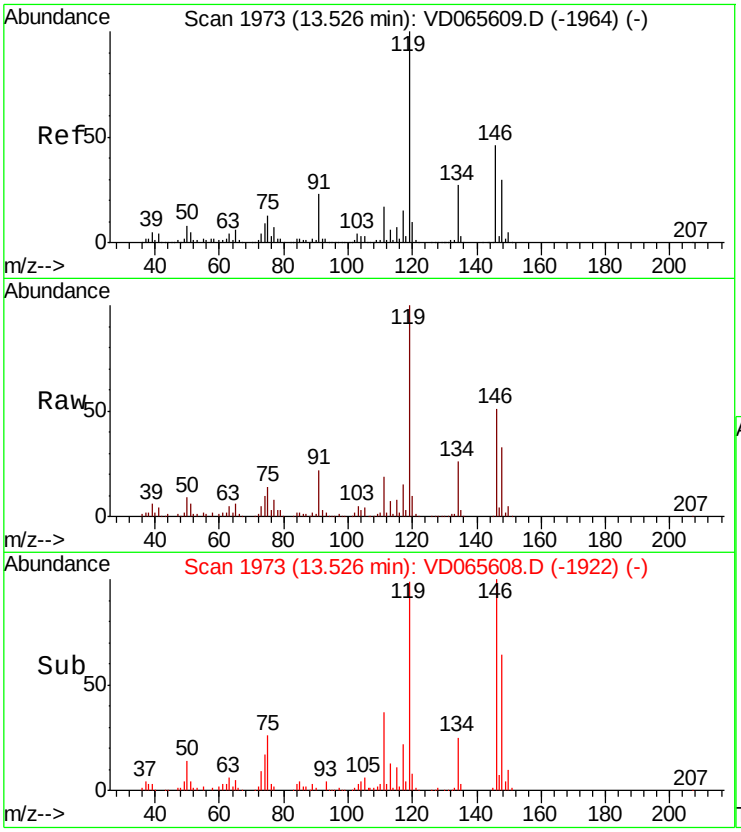


#86
p-Isopropyltoluene
Concen: 20.509 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:119 Resp: 390969

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	22.2	11.1	33.1



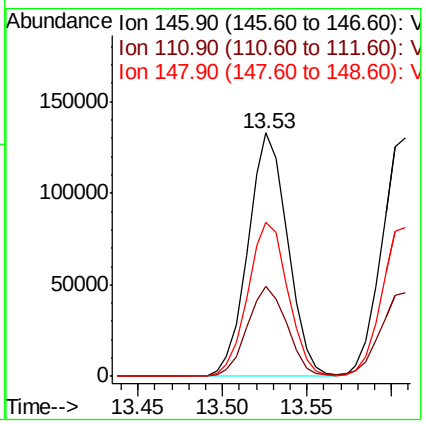


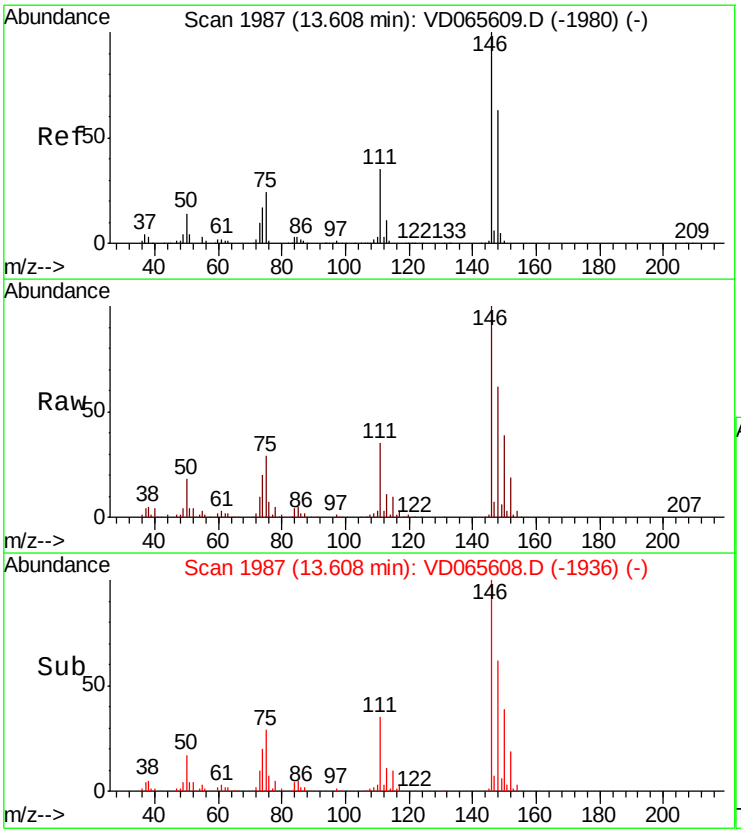
#87
1,3-Dichlorobenzene
Concen: 19.860 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 216280

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.2	32.1	96.5

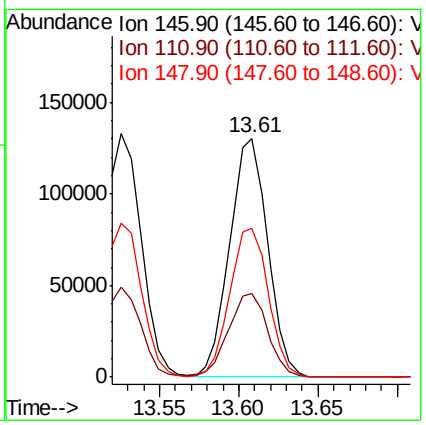


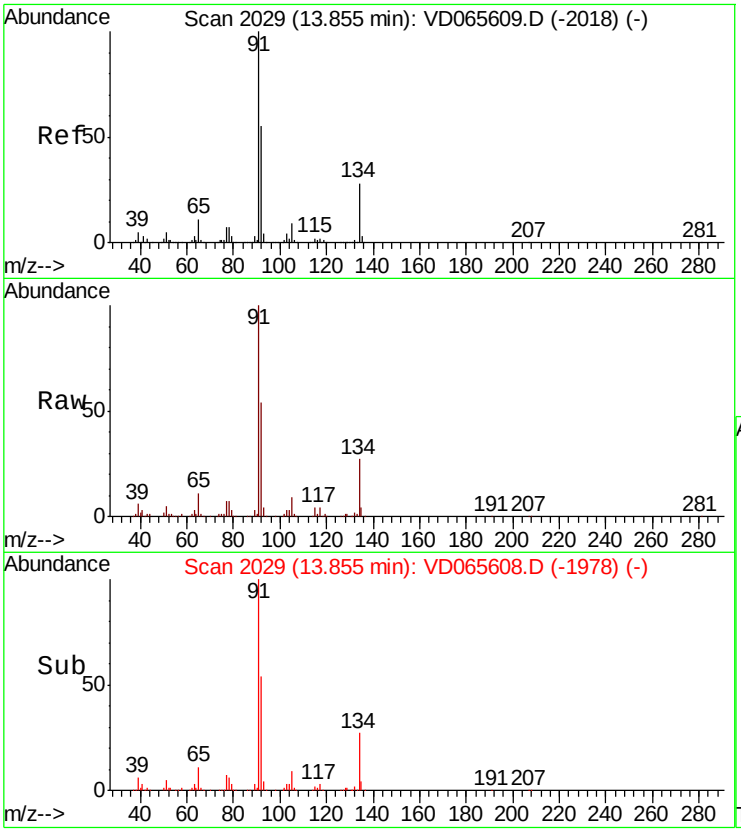


#88
1,4-Dichlorobenzene
Concen: 19.942 ug/l
RT: 13.61 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:146 Resp: 216917

Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.0	54.0
148	63.2	31.8	95.4



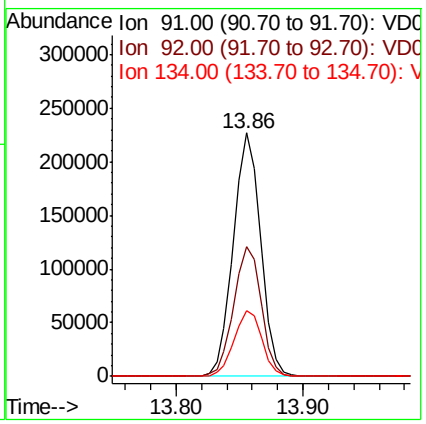


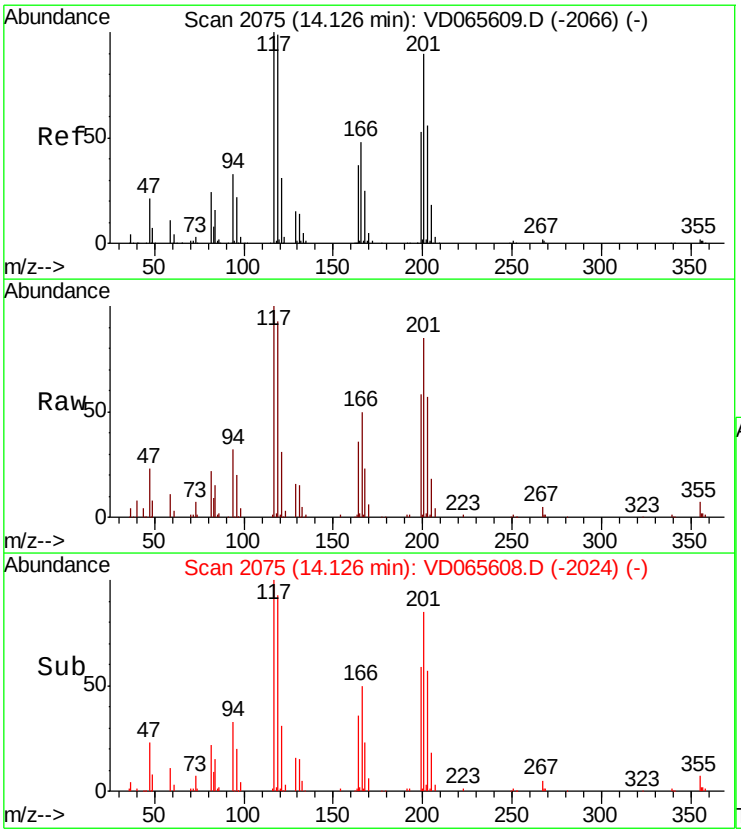
#89
n-Butylbenzene
Concen: 19.615 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 337449

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	27.4	13.9	41.7

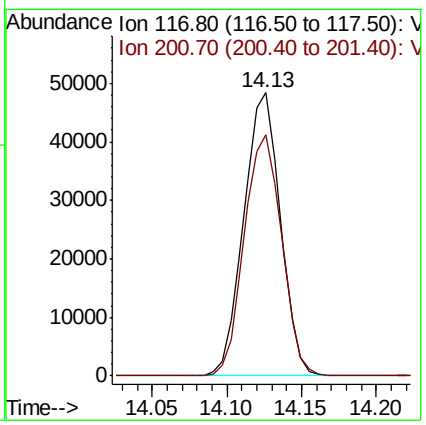


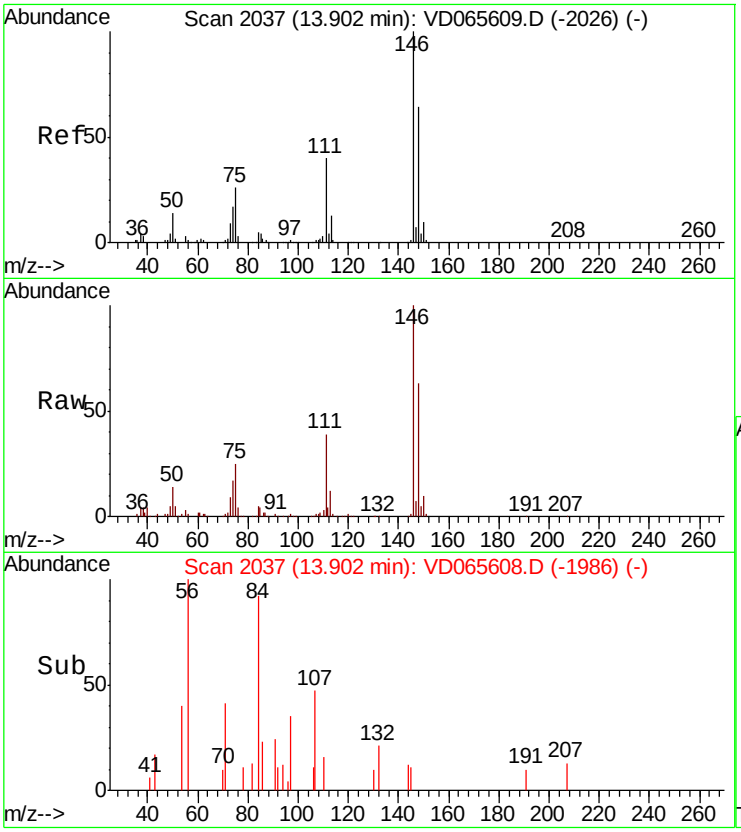


#90
Hexachloroethane
Concen: 19.692 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:117 Resp: 81892

Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.9	131.7



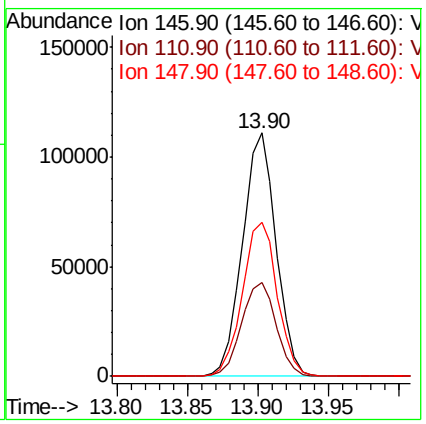


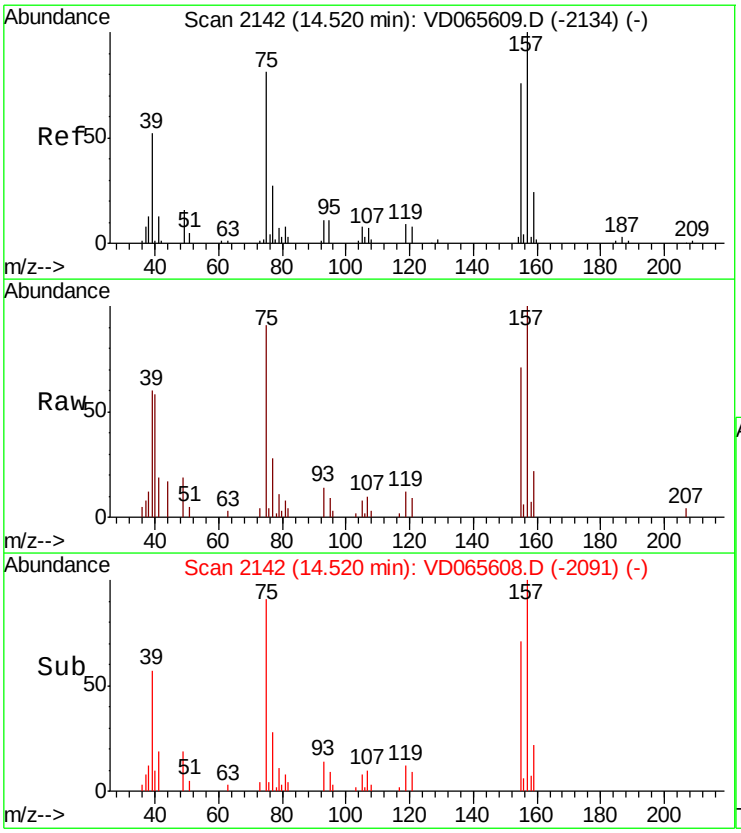
#91
1,2-Dichlorobenzene
Concen: 20.041 ug/l
RT: 13.90 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 185681

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.5
148	65.6	31.8	95.4

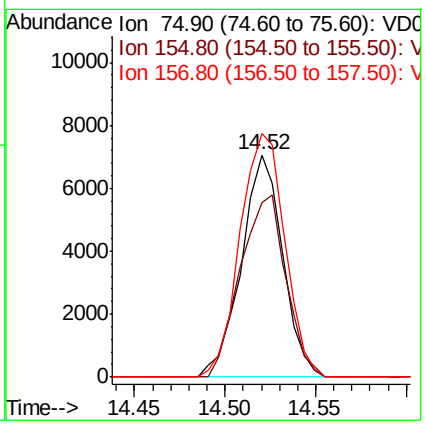


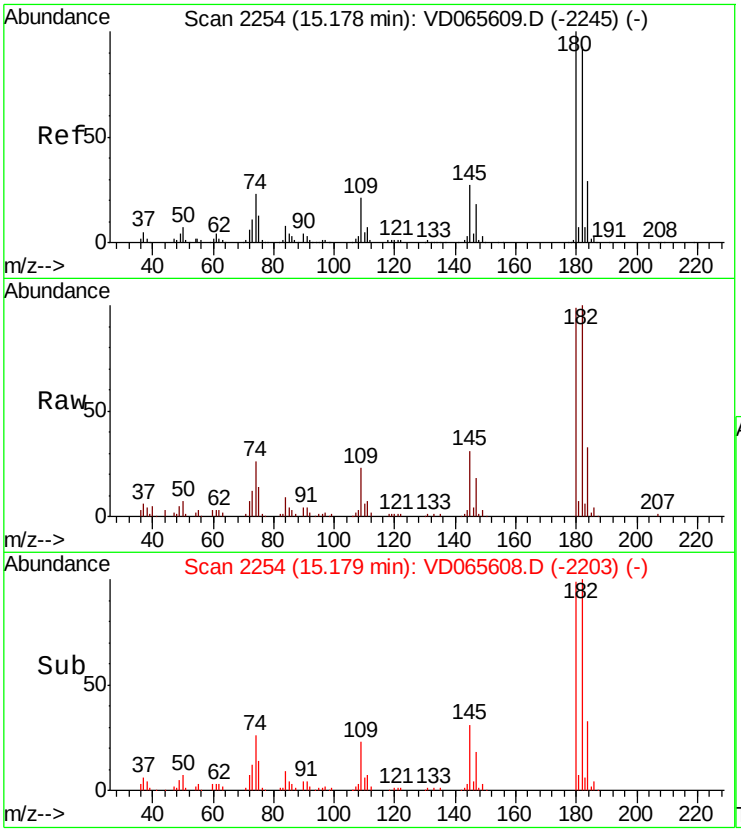


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.069 ug/l
RT: 14.52 min Scan# 2142
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion: 75 Resp: 11138

Ion	Ratio	Lower	Upper
75	100		
155	90.7	46.8	140.4
157	119.3	59.6	178.7



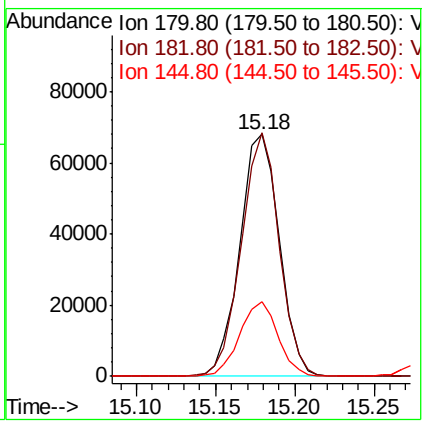


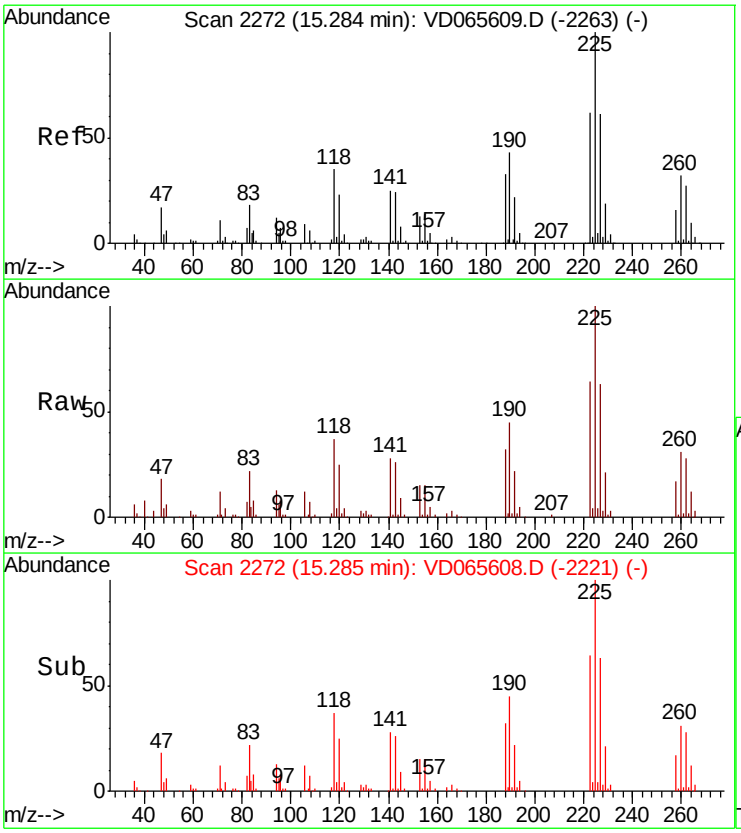
#93
1,2,4-Trichlorobenzene
Concen: 19.384 ug/l
RT: 15.18 min Scan# 2254
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 117963

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.0	141.2
145	29.8	14.0	41.9

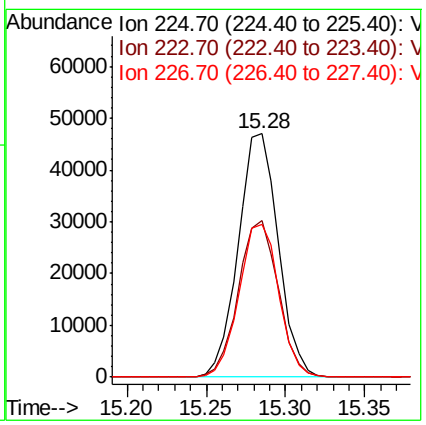


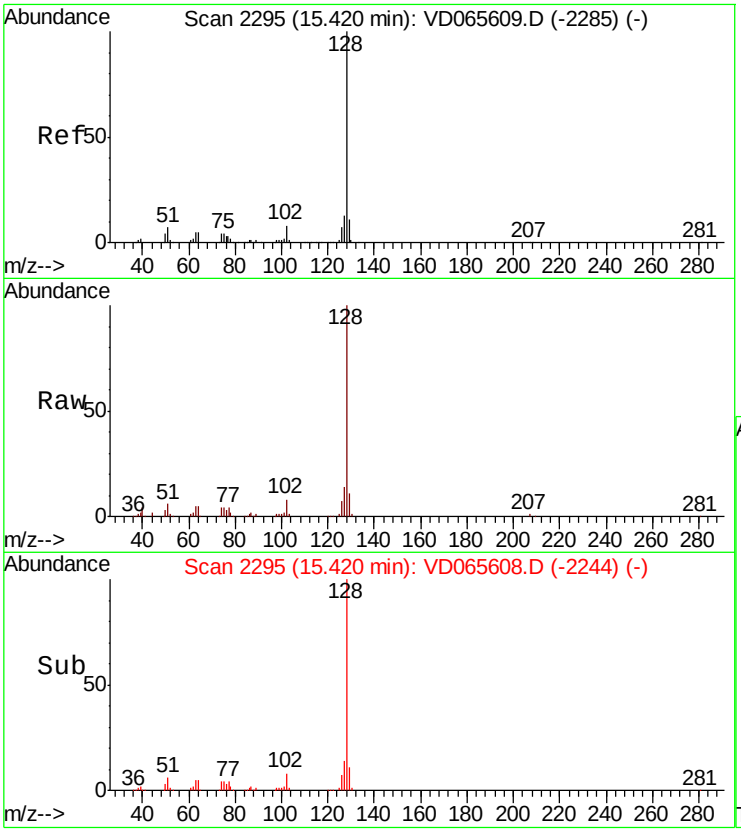


#94
Hexachlorobutadiene
Concen: 19.504 ug/l
RT: 15.28 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:225 Resp: 82505

Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.7
227	62.5	31.6	95.0



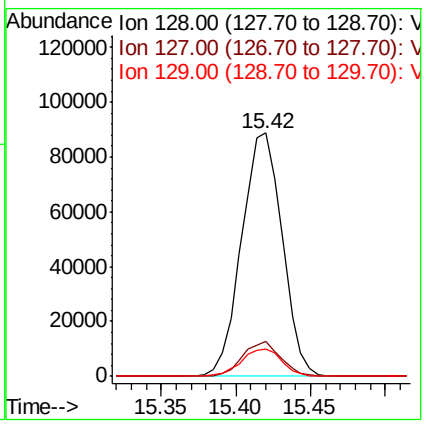


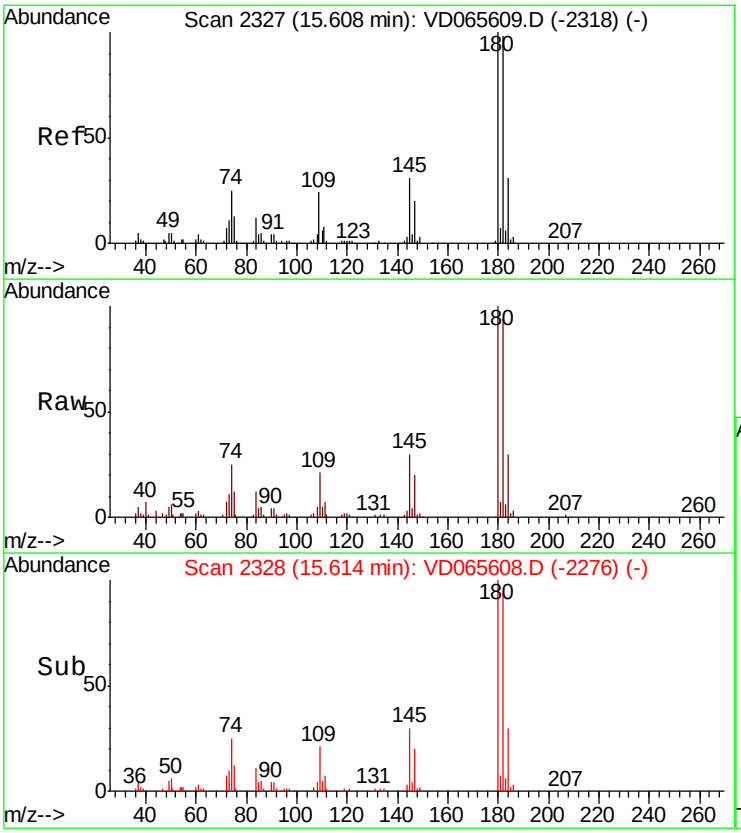
#95
Naphthalene
Concen: 18.916 ug/l
RT: 15.42 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :

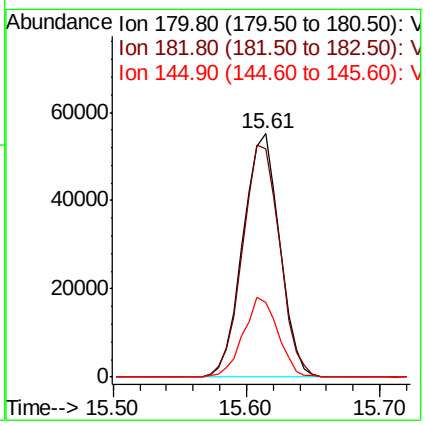
Tgt Ion:128 Resp: 166791

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.4	12.6





#96
1,2,3-Trichlorobenzene
Concen: 19.826 ug/l
RT: 15.61 min Scan# 2328
Delta R.T. 0.01 min
Lab File: VD065608.D
Acq: 09 Apr 2020 11:35

Tgt Ion:180 Resp: 104438

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.7	143.1
145	31.0	15.2	45.6