Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062742.D
Acq On : 18 Jun 2019 11:35
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 19 08:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.05	168	698213	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.22	114	938807	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.37	117	803312	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	442982	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	514511	51.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.14%				
35) Dibromofluoromethane	6.92	113	509363	51.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.90%				
50) Toluene-d8	10.41	98	1115978	53.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.16%				
62) 4-Bromofluorobenzene	13.55	95	495550	51.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	380701	46.732	ug/l		88
3) Chloromethane	1.74	50	323236	46.788	ug/l		98
4) Vinyl Chloride	1.85	62	329433	46.243	ug/l		98
5) Bromomethane	2.14	94	168272	46.795	ug/l		99
6) Chloroethane	2.26	64	167041	47.493	ug/l	#	88
7) Trichlorofluoromethane	2.53	101	785468	49.260	ug/l		100
8) Diethyl Ether	2.87	74	97352	44.889	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	3.14	101	465862	54.174	ug/l		95
10) Methyl Iodide	3.29	142	552646	44.731	ug/l		96
11) Tert butyl alcohol	4.07	59	103550	250.037	ug/l	#	86
12) 1,1-Dichloroethene	3.12	96	334011	54.124	ug/l		94
13) Acrolein	3.03	56	31358	235.392	ug/l		93
14) Allyl chloride	3.61	41	516824	54.466	ug/l		93
15) Acrylonitrile	4.19	53	267526	284.271	ug/l		96
16) Acetone	3.22	43	571448	309.741	ug/l		93
17) Carbon Disulfide	3.36	76	908809	49.974	ug/l		98
18) Methyl Acetate	3.64	43	151108	49.838	ug/l	#	93
19) Methyl tert-butyl Ether	4.23	73	814265	54.100	ug/l		98
20) Methylene Chloride	3.81	84	377929	54.255	ug/l	#	89
21) trans-1,2-Dichloroethene	4.21	96	353486	52.219	ug/l		98
22) Diisopropyl ether	5.13	45	1040097	52.790	ug/l		89
23) Vinyl Acetate	5.05	43	3521445	288.096	ug/l		100
24) 1,1-Dichloroethane	4.98	63	665254	52.485	ug/l		97
25) 2-Butanone	6.07	43	491297	272.961	ug/l		98
26) 2,2-Dichloropropane	6.01	77	775240	53.069	ug/l		96
27) cis-1,2-Dichloroethene	6.03	96	380062	51.791	ug/l		97
28) Bromochloromethane	6.43	49	257547	53.155	ug/l		98
29) Tetrahydrofuran	6.45	42	220026	271.456	ug/l		98
30) Chloroform	6.66	83	846875	52.076	ug/l		92
31) Cyclohexane	6.95	56	426522	53.644	ug/l		96
32) 1,1,1-Trichloroethane	6.87	97	853277	52.730	ug/l		98
36) 1,1-Dichloropropene	7.14	75	556042	51.751	ug/l		94
37) Ethyl Acetate	6.18	43	232696	50.774	ug/l	#	95
38) Carbon Tetrachloride	7.10	117	949691	55.920	ug/l		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062742.D
Acq On : 18 Jun 2019 11:35
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 19 08:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	8.87	83	451019	51.945 ug/l		90
40) Benzene	7.45	78	1124574	53.594 ug/l		99
41) Methacrylonitrile	6.44	41	294859	52.424 ug/l	#	94
42) 1,2-Dichloroethane	7.58	62	637666	50.986 ug/l		94
43) Isopropyl Acetate	9.24	43	326494	57.590 ug/l		97
44) Trichloroethene	8.54	130	446342	52.396 ug/l		96
45) 1,2-Dichloropropane	8.94	63	272134	53.993 ug/l		96
46) Dibromomethane	9.06	93	242215	54.140 ug/l		93
47) Bromodichloromethane	9.38	83	667861	54.877 ug/l		92
48) Methyl methacrylate	9.12	41	208463	50.897 ug/l		90
49) 1,4-Dioxane	9.07	88	40197	1092.899 ug/l		85
51) 4-Methyl-2-Pentanone	10.30	43	1086853	273.978 ug/l		96
52) Toluene	10.51	92	737998	52.323 ug/l		99
53) t-1,3-Dichloropropene	10.91	75	550712	55.192 ug/l		95
54) cis-1,3-Dichloropropene	10.04	75	562725	54.566 ug/l		95
55) 1,1,2-Trichloroethane	11.19	97	256006	52.926 ug/l		99
56) Ethyl methacrylate	11.04	69	296529	50.810 ug/l		98
57) 1,3-Dichloropropane	11.41	76	390801	52.127 ug/l		97
58) 2-Chloroethyl Vinyl ether	9.86	63	645919	249.845 ug/l		94
59) 2-Hexanone	11.53	43	867848	294.101 ug/l		97
60) Dibromochloromethane	11.68	129	507507	53.151 ug/l		99
61) 1,2-Dibromoethane	11.81	107	321857	55.597 ug/l		100
64) Tetrachloroethene	11.26	164	408126	54.273 ug/l		94
65) Chlorobenzene	12.40	112	973201	54.770 ug/l		100
66) 1,1,1,2-Tetrachloroethane	12.51	131	440623	51.993 ug/l		96
67) Ethyl Benzene	12.52	91	1645616	52.234 ug/l		99
68) m/p-Xylenes	12.67	106	1117884	100.932 ug/l		99
69) o-Xylene	13.05	106	547013	53.777 ug/l		87
70) Styrene	13.07	104	943924	52.008 ug/l		97
71) Bromoform	13.24	173	331666	50.959 ug/l		100
73) Isopropylbenzene	13.40	105	1712563	54.849 ug/l		98
74) N-amyl acetate	13.27	43	482416	57.169 ug/l		98
75) 1,1,2,2-Tetrachloroethane	13.70	83	294128	55.053 ug/l		98
76) 1,2,3-Trichloropropane	13.73	75	325720	54.229 ug/l		99
77) Bromobenzene	13.67	156	475532	53.285 ug/l		94
78) n-propylbenzene	13.78	91	2048055	53.587 ug/l		95
79) 2-Chlorotoluene	13.84	91	1167032	52.150 ug/l		99
80) 1,3,5-Trimethylbenzene	13.94	105	1501388	54.408 ug/l		98
81) trans-1,4-Dichloro-2-buten	13.47	75	91858	51.447 ug/l		91
82) 4-Chlorotoluene	13.95	91	1453677	54.319 ug/l		98
83) tert-Butylbenzene	14.19	119	1628212	53.496 ug/l		97
84) 1,2,4-Trimethylbenzene	14.24	105	1457652	53.350 ug/l		97
85) sec-Butylbenzene	14.37	105	1774145	55.589 ug/l		100
86) p-Isopropyltoluene	14.49	119	1683658	54.183 ug/l		99
87) 1,3-Dichlorobenzene	14.46	146	861408	53.282 ug/l		99
88) 1,4-Dichlorobenzene	14.54	146	867885	56.803 ug/l		98
89) n-Butylbenzene	14.80	91	1548378	55.389 ug/l		95
90) Hexachloroethane	15.01	117	473942	57.774 ug/l		97
91) 1,2-Dichlorobenzene	14.81	146	752123	55.966 ug/l		97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	66976	58.690 ug/l	#	51

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062742.D
Acq On : 18 Jun 2019 11:35
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jun 19 08:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	542056	47.722	ug/l	98
94) Hexachlorobutadiene	16.03	225	432734	54.538	ug/l	98
95) Naphthalene	16.12	128	827039	51.353	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	436433	56.381	ug/l	100

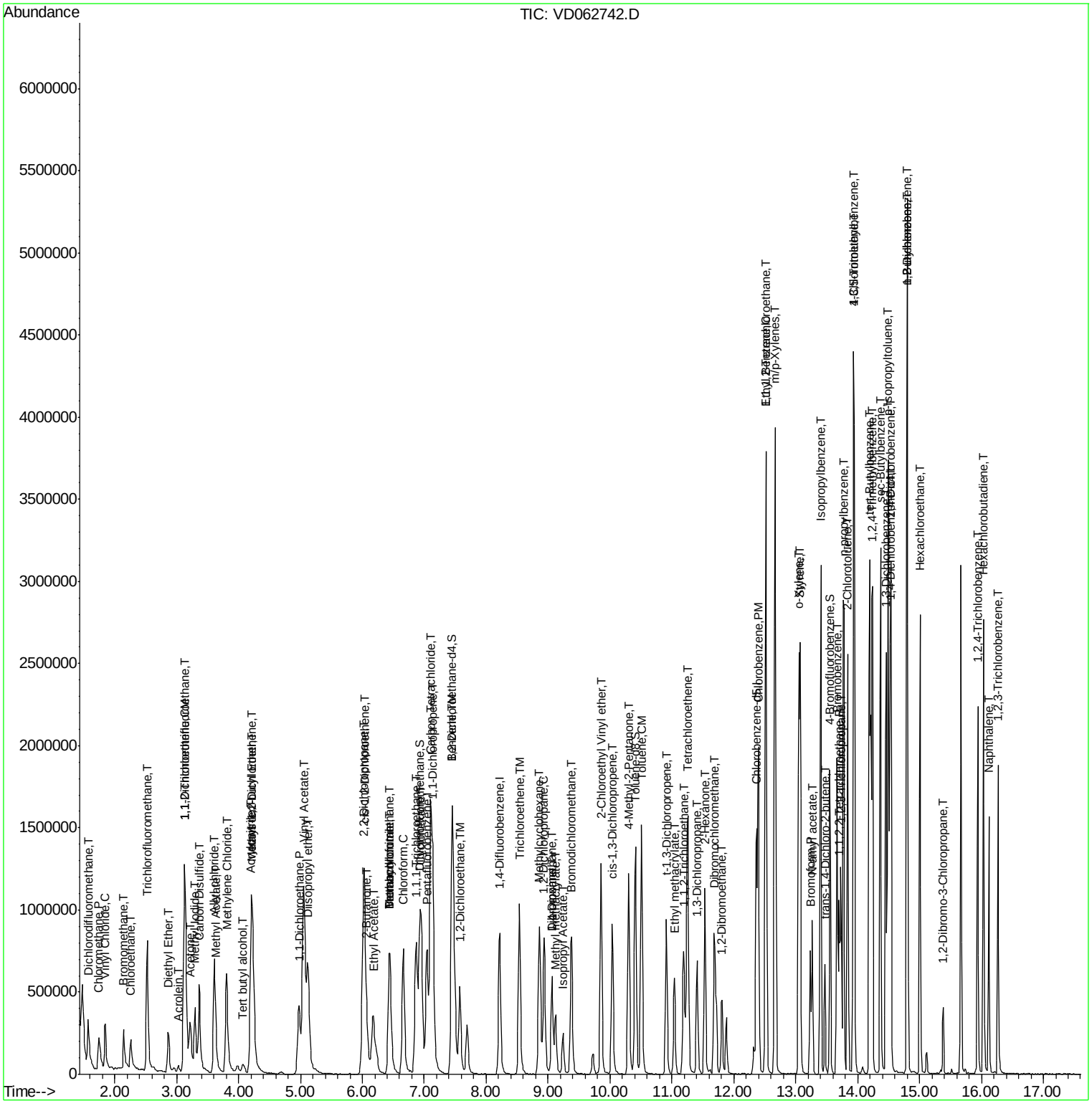
(#) = qualifier out of range (m) = manual integration (+) = signals summed

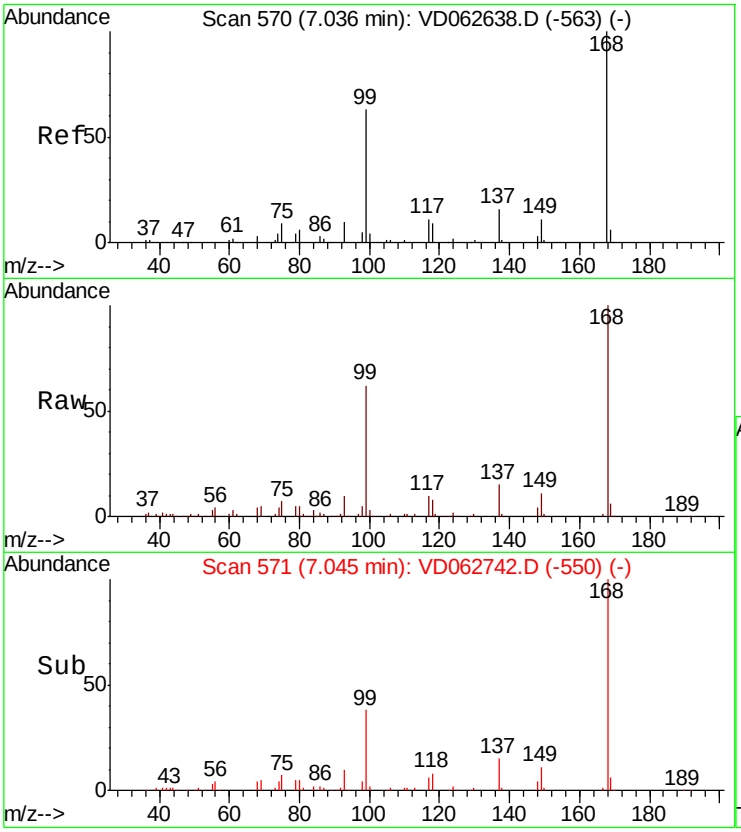
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061819\
Data File : VD062742.D
Acq On : 18 Jun 2019 11:35
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 19 08:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration



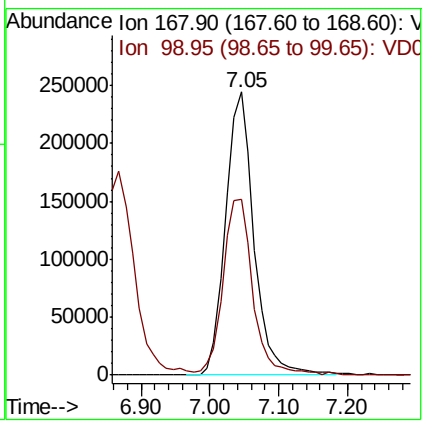


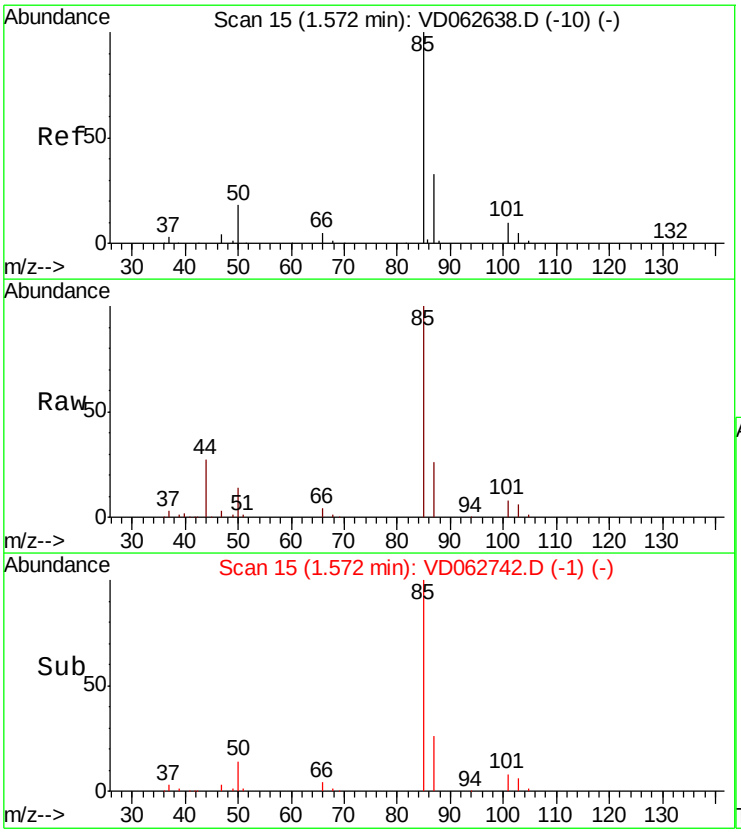
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 698213

Ion	Ratio	Lower	Upper
168	100		
99	62.1	51.4	77.2

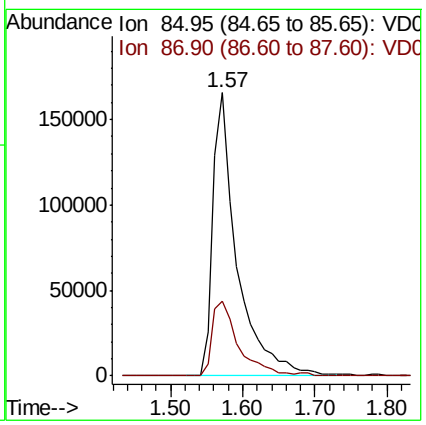


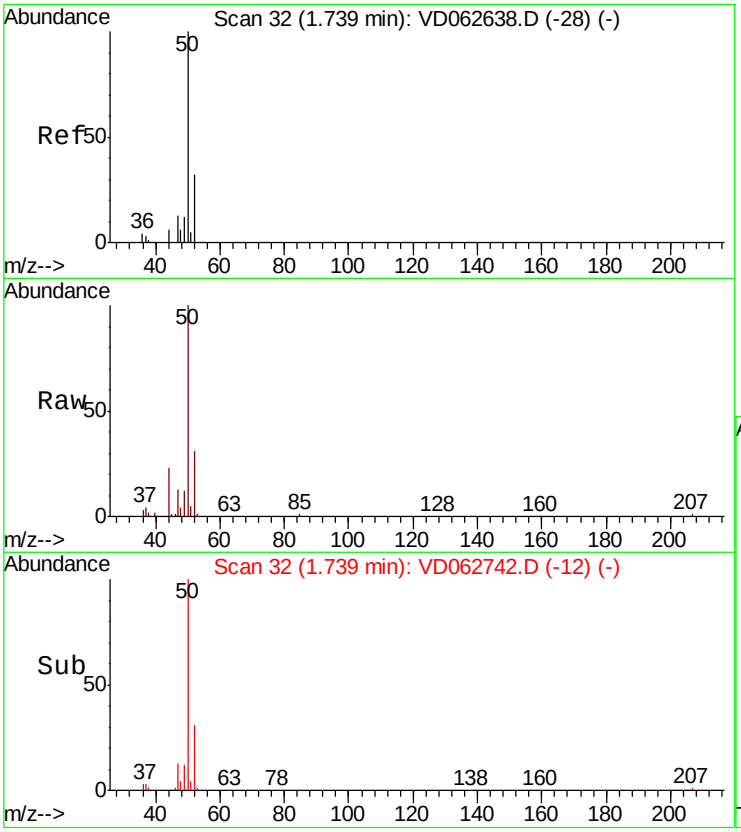


#2
Dichlorodifluoromethane
Concen: 46.732 ug/l
RT: 1.57 min Scan# 15
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 85 Resp: 380701

Ion	Ratio	Lower	Upper
85	100		
87	26.2	16.6	49.7



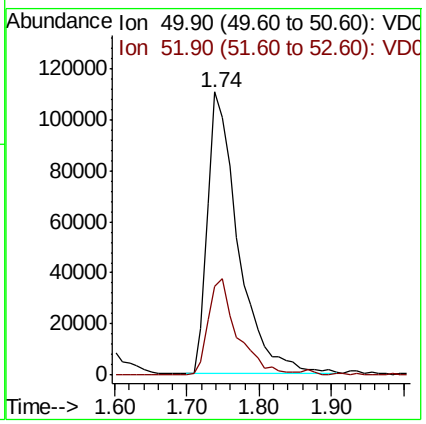


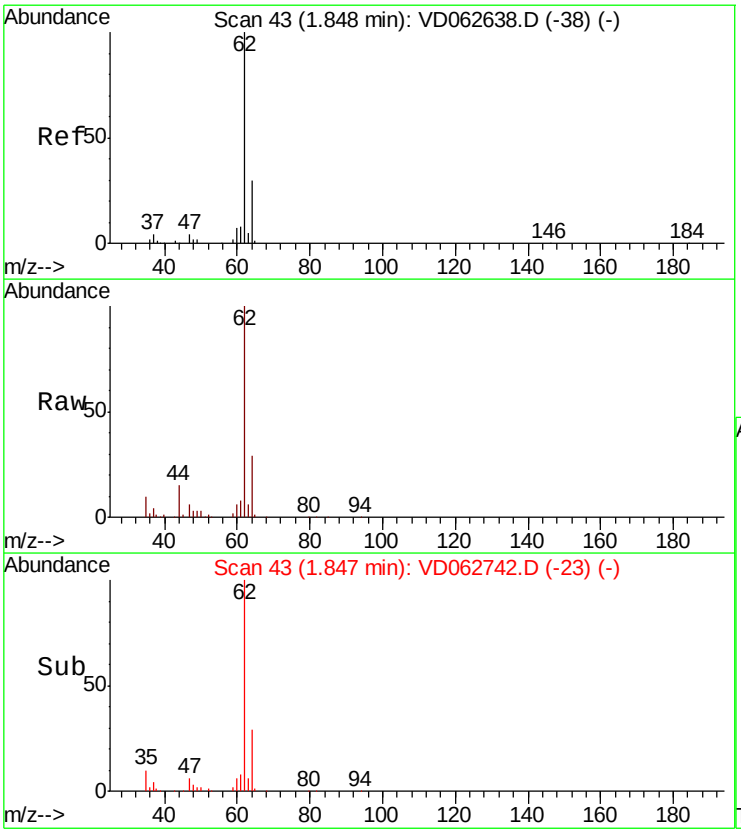
#3
Chloromethane
Concen: 46.788 ug/l
RT: 1.74 min Scan# 32
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 323236

Ion	Ratio	Lower	Upper
50	100		
52	31.2	25.8	38.8

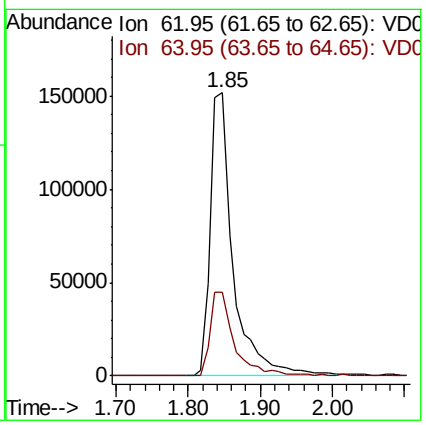


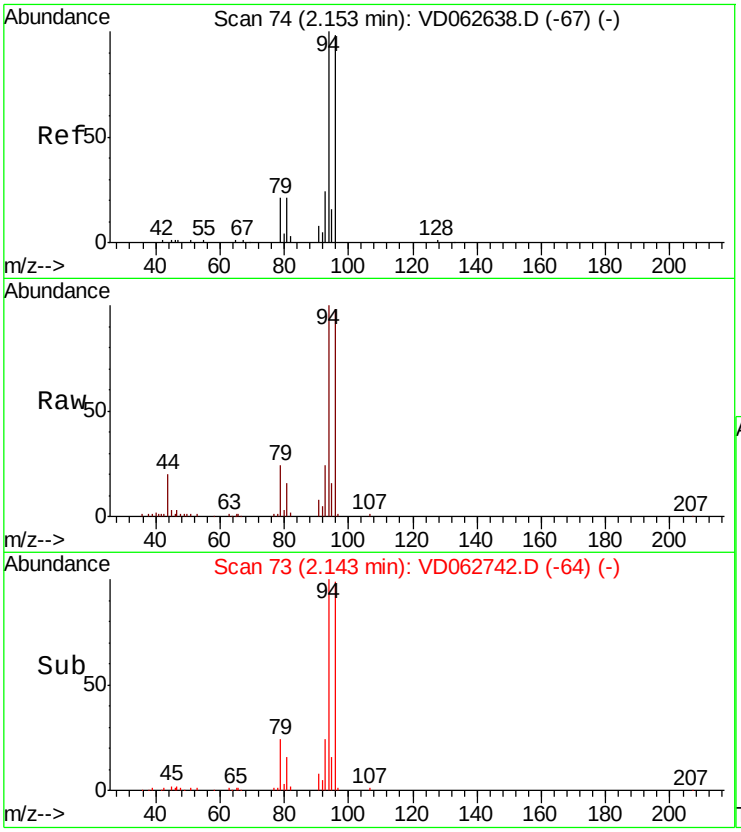


#4
Vinyl Chloride
Concen: 46.243 ug/l
RT: 1.85 min Scan# 43
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 62 Resp: 329433

Ion	Ratio	Lower	Upper
62	100		
64	29.4	24.2	36.4



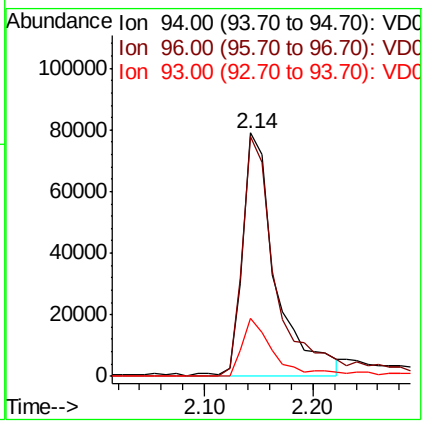


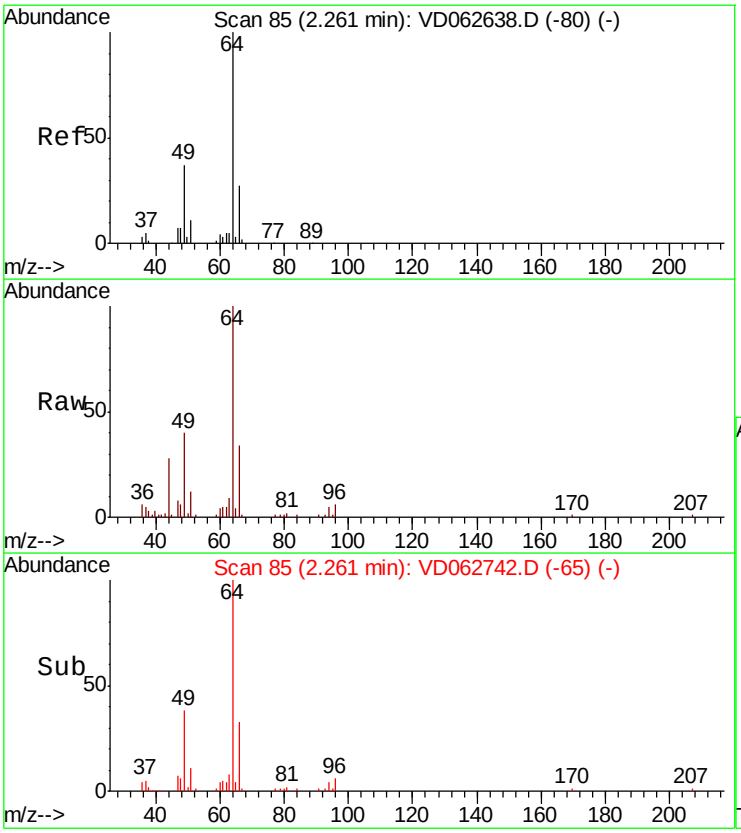
#5
Bromomethane
Concen: 46.795 ug/l
RT: 2.14 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 168272

Ion	Ratio	Lower	Upper
94	100		
96	98.3	78.1	117.1
93	23.8	19.6	29.4

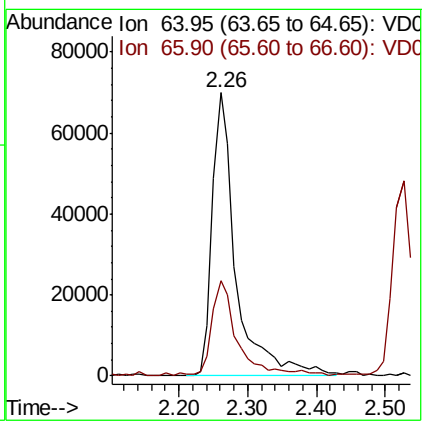


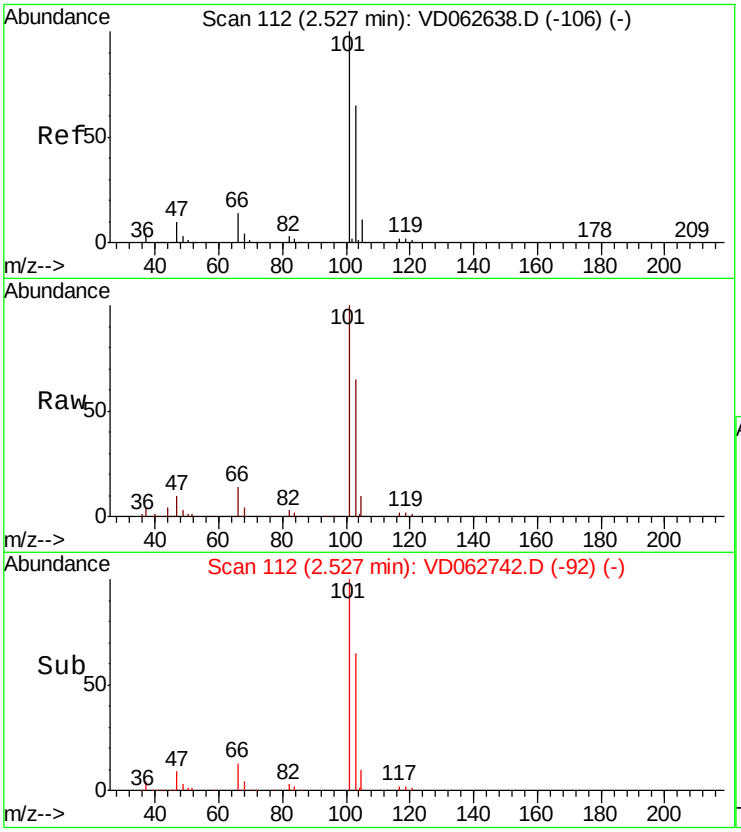


#6
Chloroethane
Concen: 47.493 ug/l
RT: 2.26 min Scan# 85
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 64 Resp: 167041

Ion	Ratio	Lower	Upper
64	100		
66	33.9	21.9	32.9#



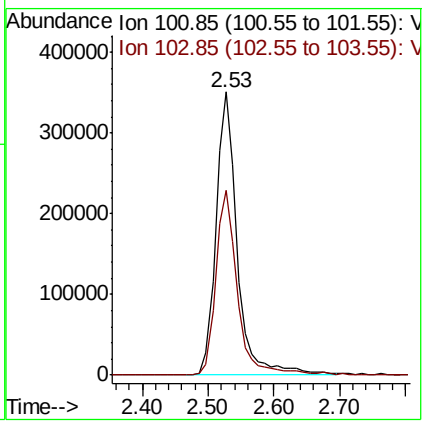


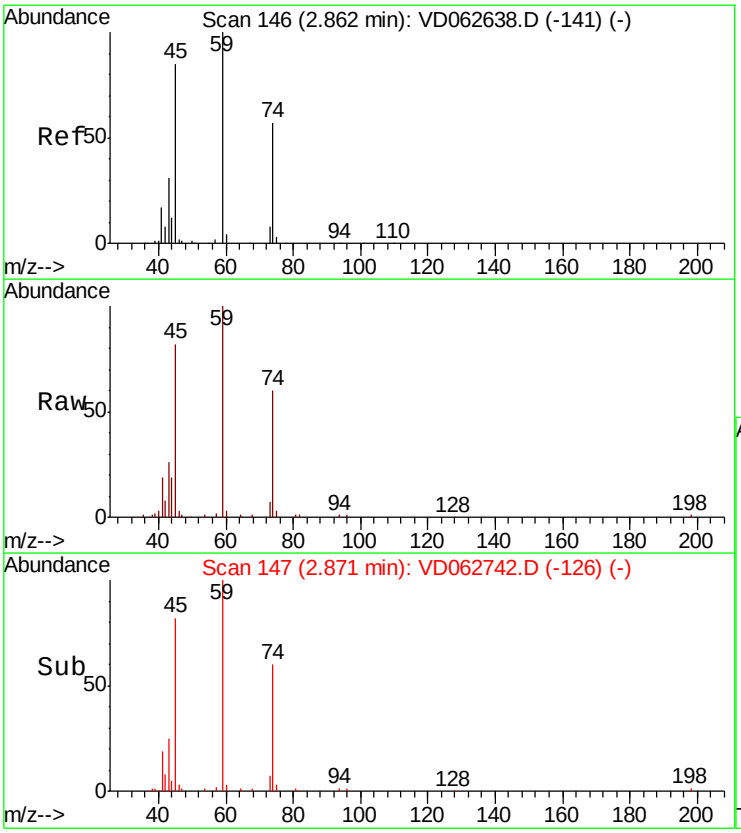
#7
Trichlorofluoromethane
Concen: 49.260 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 785468

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.2	78.2

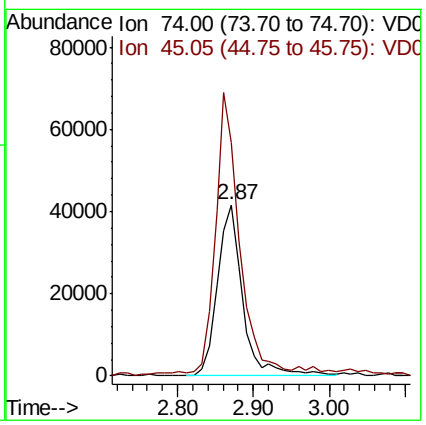


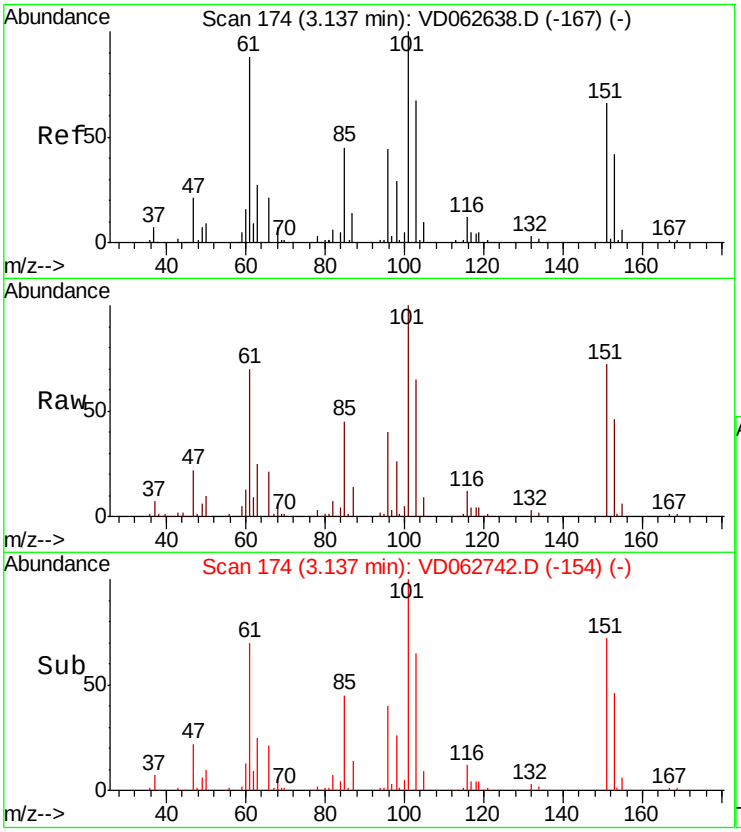


#8
Diethyl Ether
Concen: 44.889 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 74 Resp: 97352

Ion	Ratio	Lower	Upper
74	100		
45	136.2	74.9	224.7



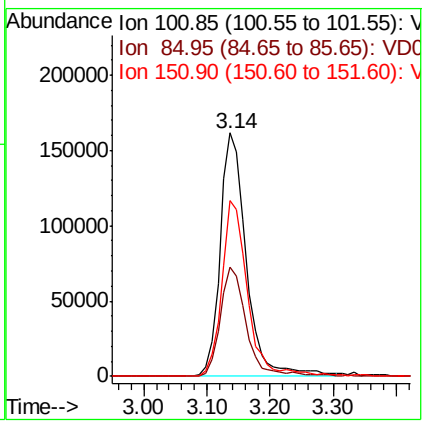


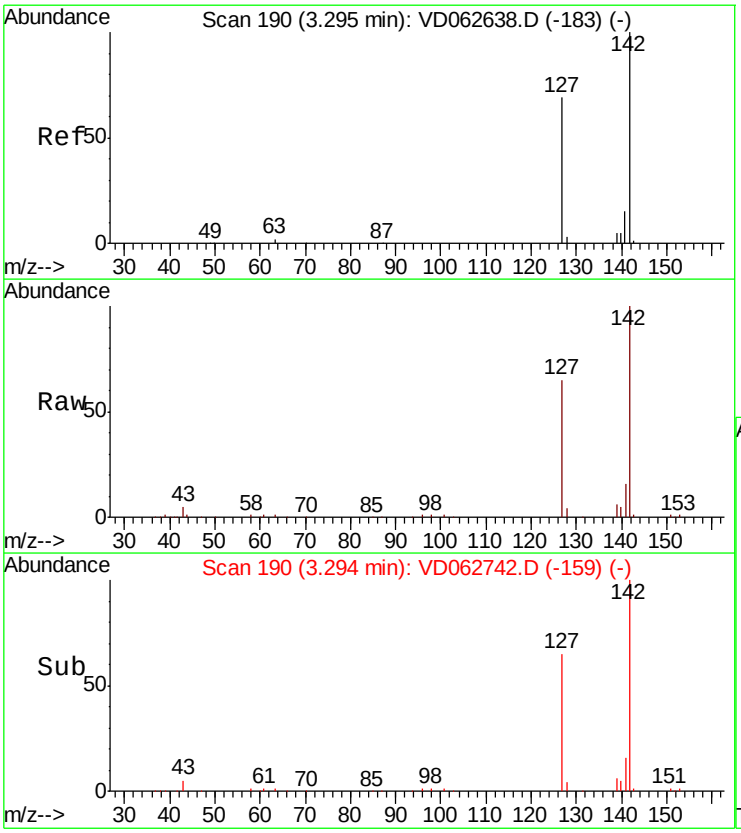
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.174 ug/l
RT: 3.14 min Scan# 174
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 465862

Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.0	54.0
151	72.3	52.6	79.0

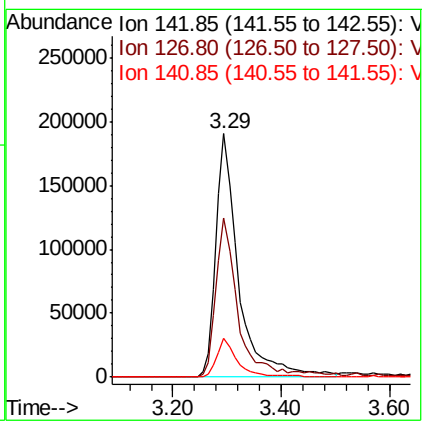


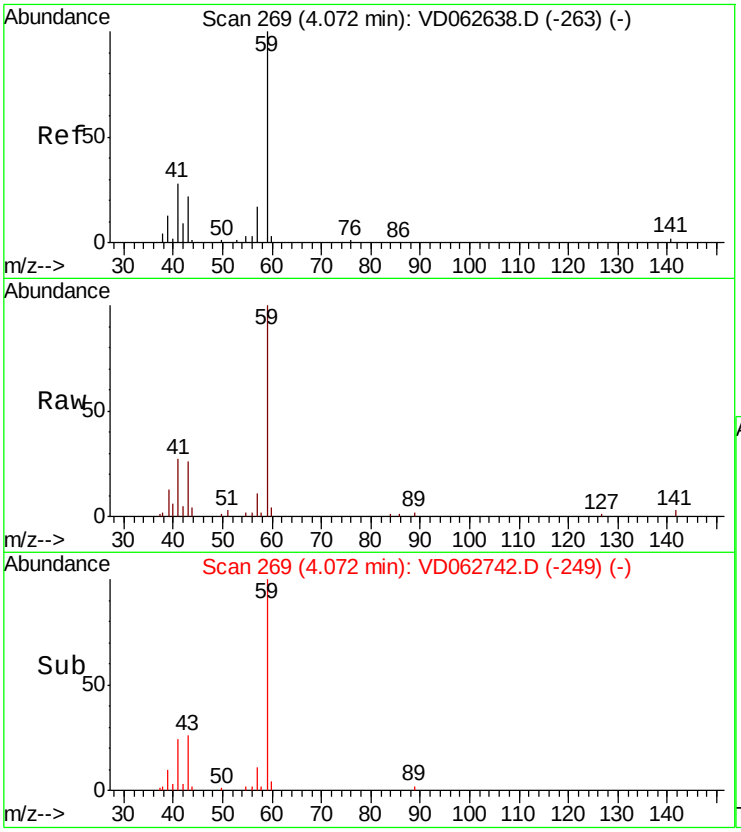


#10
Methyl Iodide
Concen: 44.731 ug/l
RT: 3.29 min Scan# 190
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:142 Resp: 552646

Ion	Ratio	Lower	Upper
142	100		
127	65.4	55.2	82.8
141	15.9	12.1	18.1



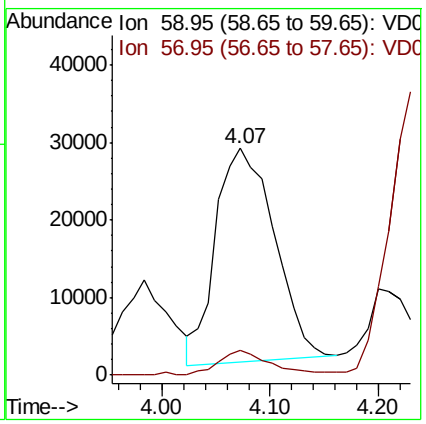


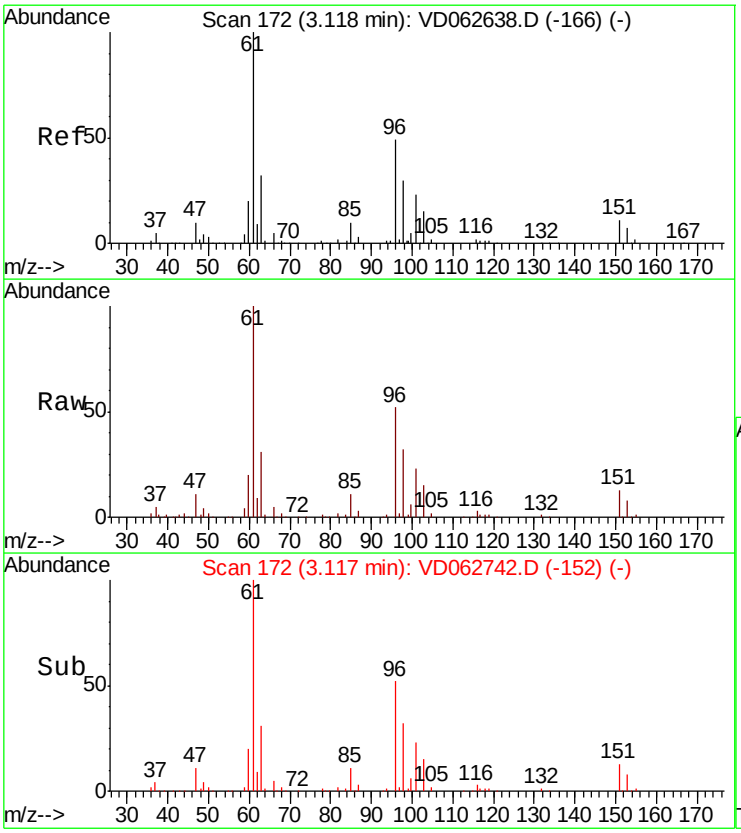
#11
Tert butyl alcohol
Concen: 250.037 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 103550

Ion	Ratio	Lower	Upper
59	100		
57	11.1	13.7	20.5#

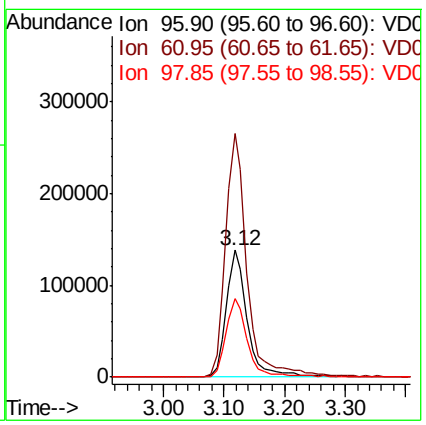


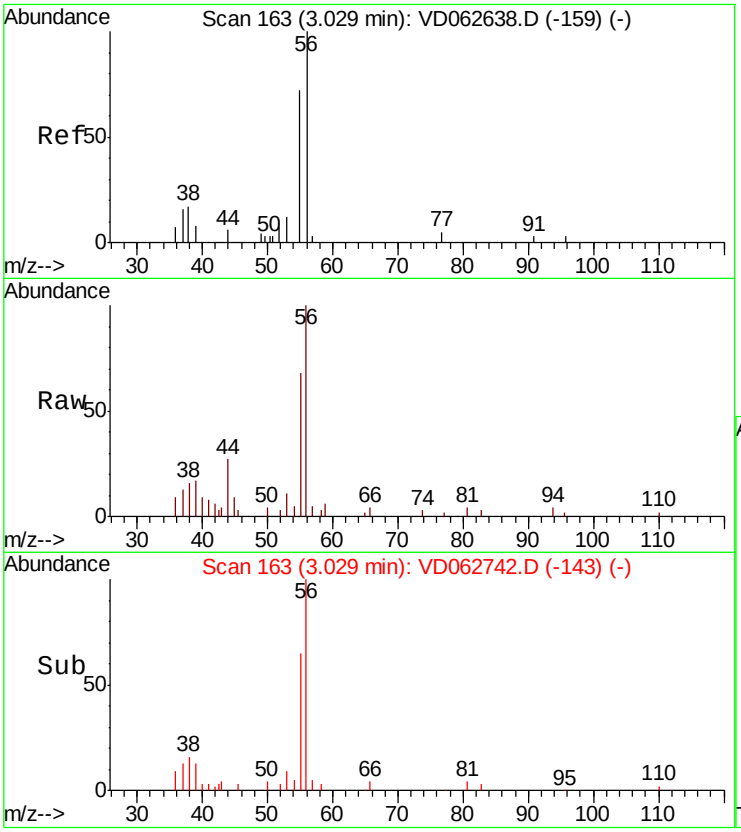


#12
1,1-Dichloroethene
Concen: 54.124 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 96 Resp: 334011

Ion	Ratio	Lower	Upper
96	100		
61	192.3	161.8	242.8
98	61.8	48.2	72.4



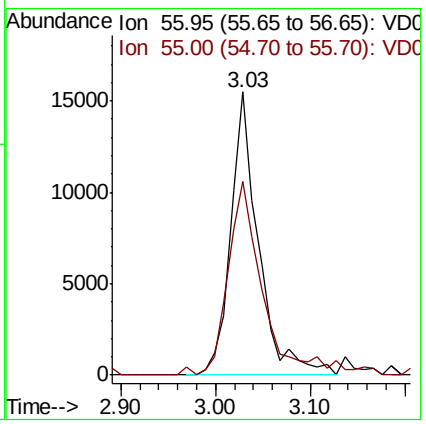


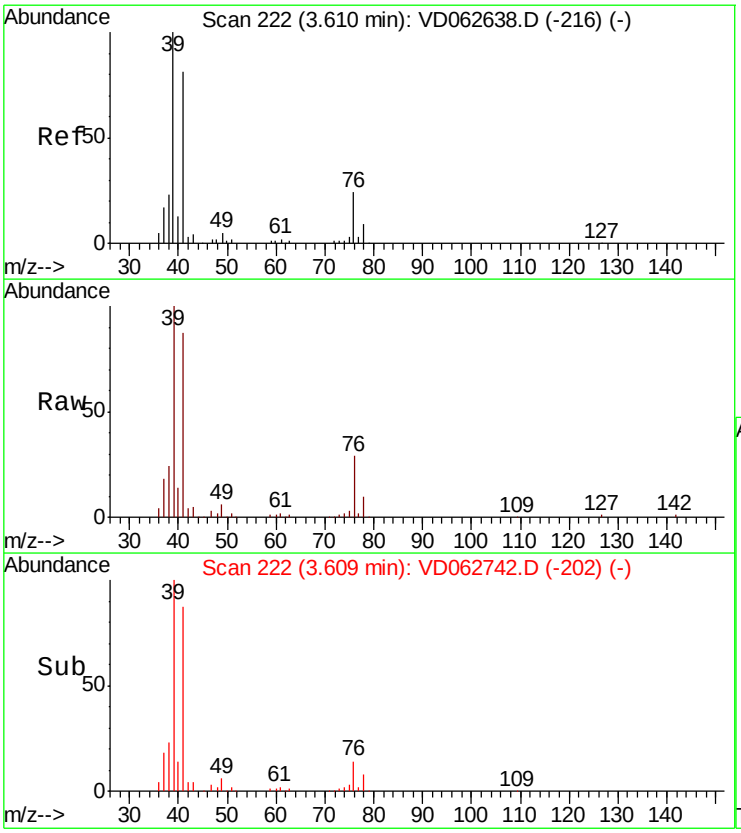
#13
Acrolein
Concen: 235.392 ug/l
RT: 3.03 min Scan# 163
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 31358

Ion	Ratio	Lower	Upper
56	100		
55	68.3	59.4	89.0

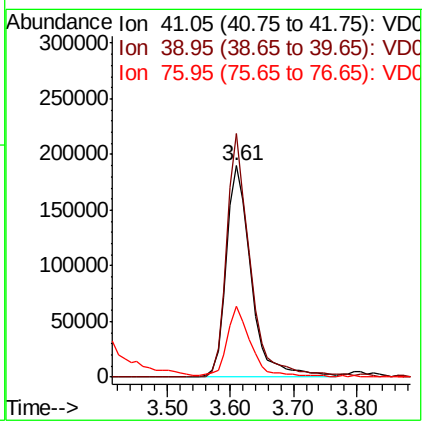


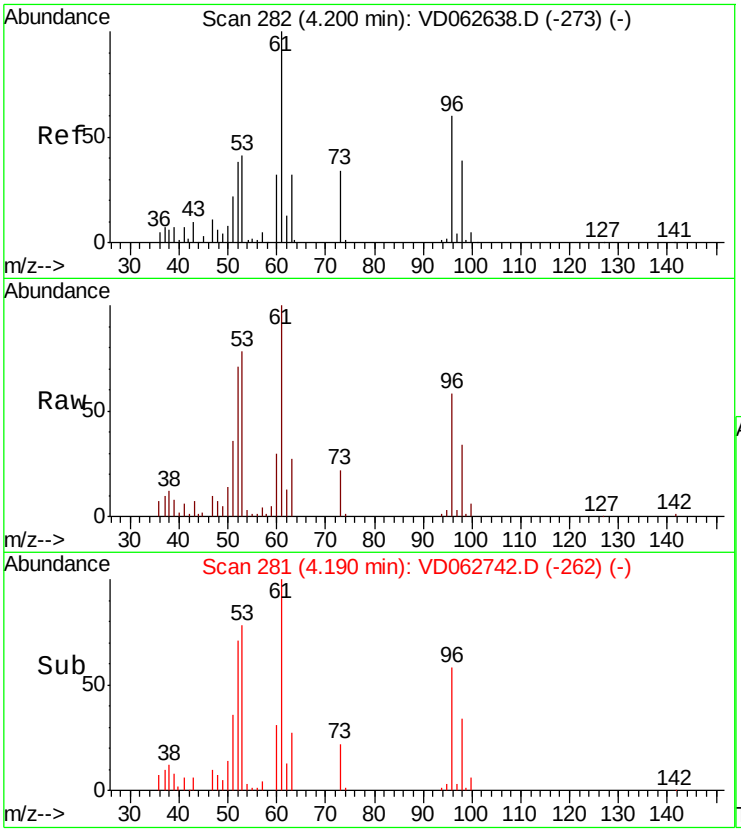


#14
Allyl chloride
Concen: 54.466 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 41 Resp: 516824

Ion	Ratio	Lower	Upper
41	100		
39	115.3	99.1	148.7
76	33.4	25.0	37.6



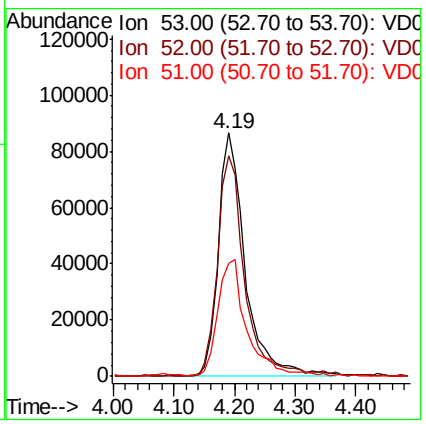


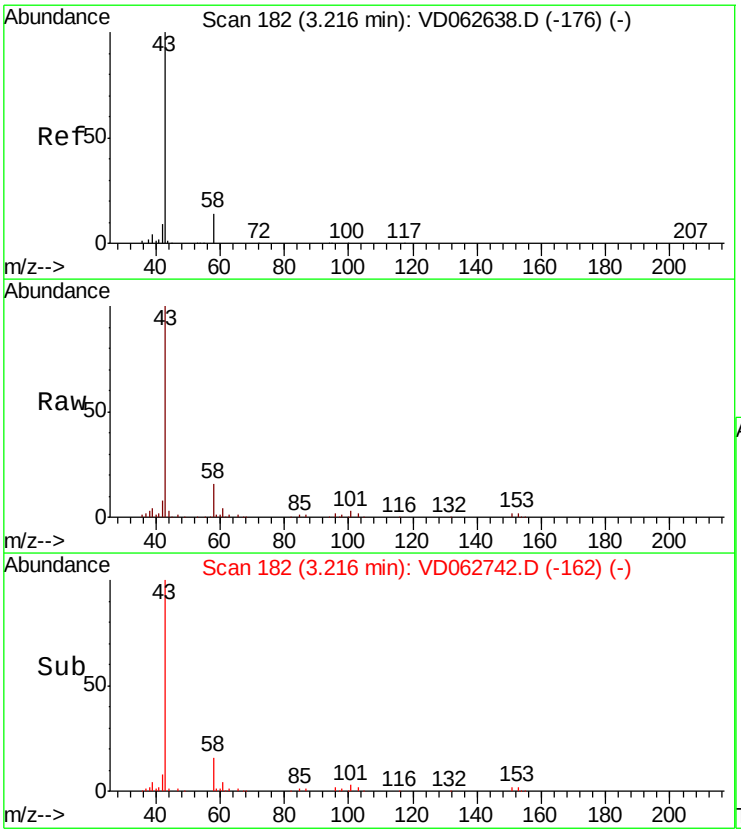
#15
Acrylonitrile
Concen: 284.271 ug/l
RT: 4.19 min Scan# 281
Delta R.T. -0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 53 Resp: 267526

Ion	Ratio	Lower	Upper
53	100		
52	90.8	73.6	110.4
51	46.5	42.0	63.0

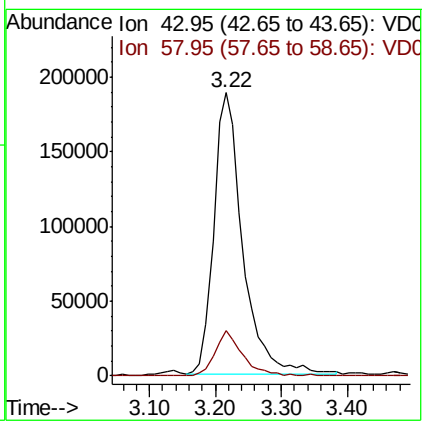


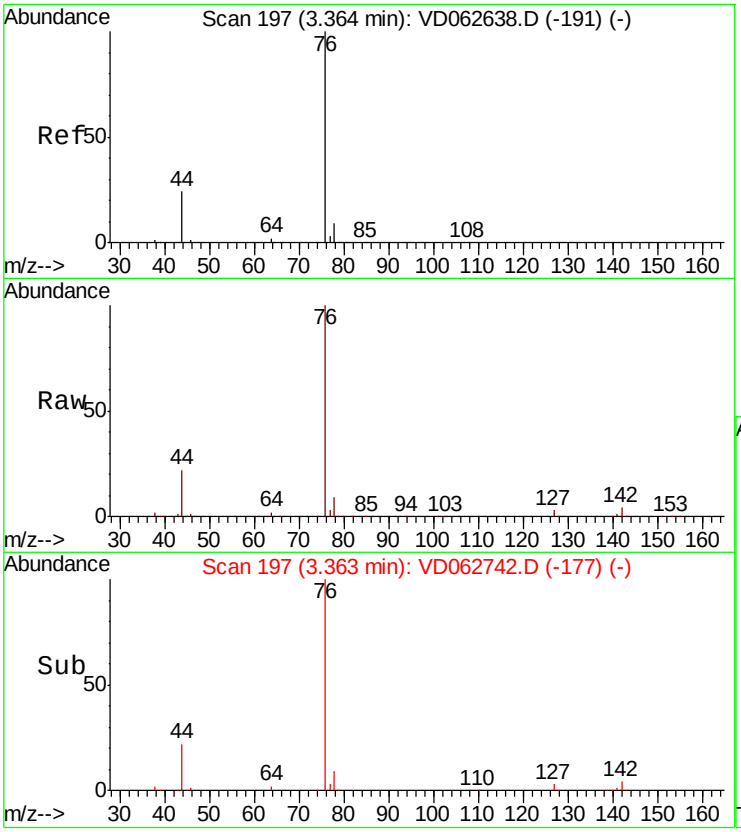


#16
Acetone
Concen: 309.741 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 43 Resp: 571448

Ion	Ratio	Lower	Upper
43	100		
58	16.2	10.8	16.2



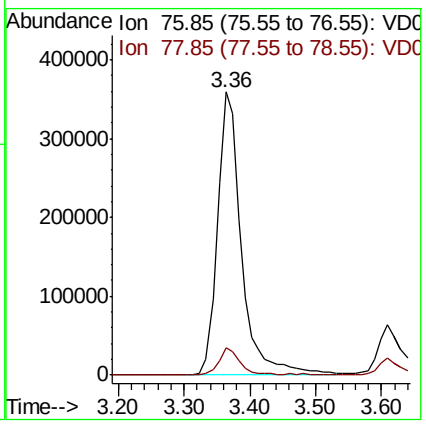


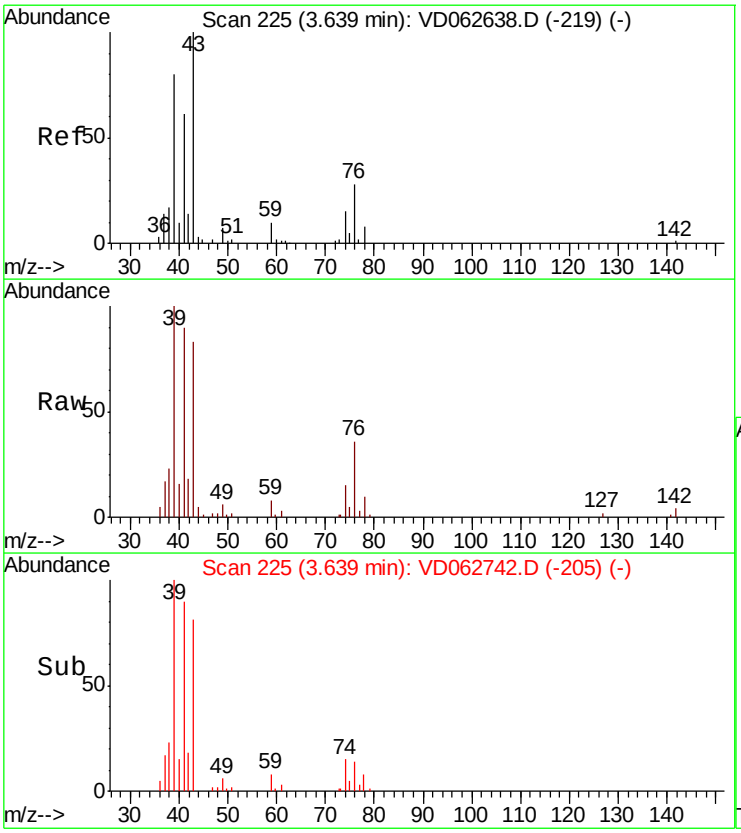
#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 908809

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.4

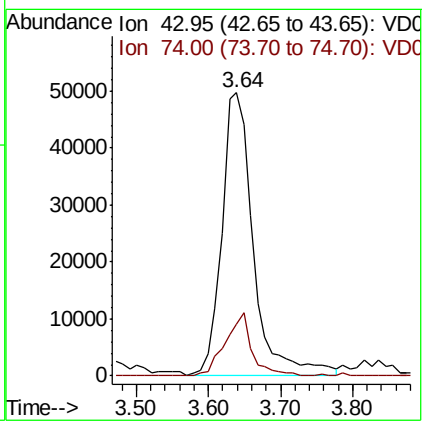


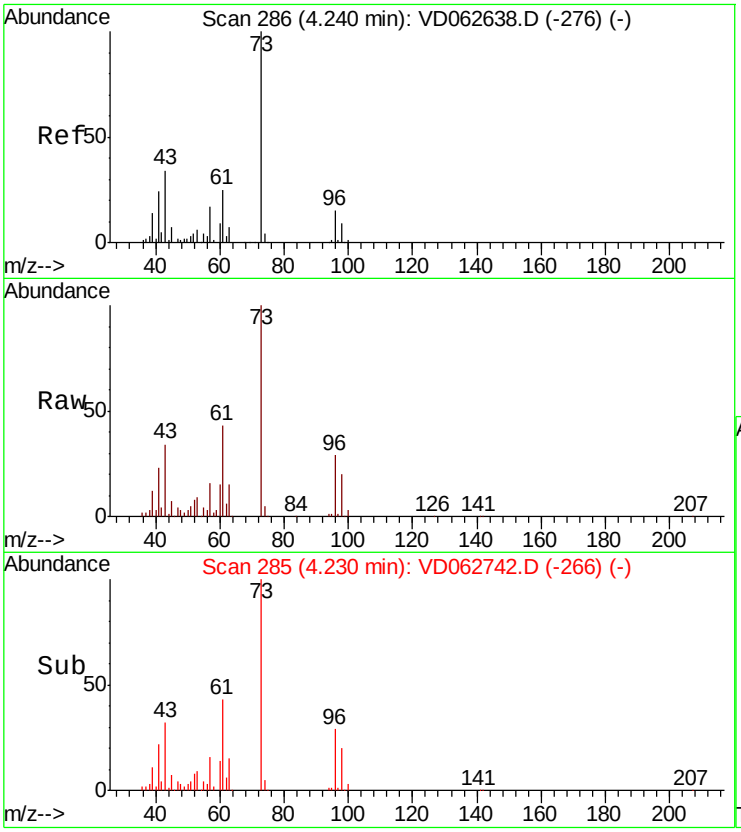


#18
Methyl Acetate
Concen: 49.838 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 43 Resp: 151108

Ion	Ratio	Lower	Upper
43	100		
74	18.2	12.1	18.1#



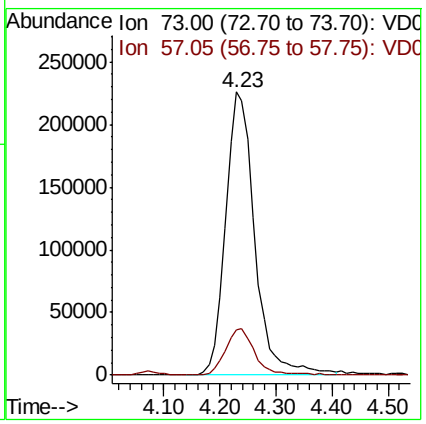


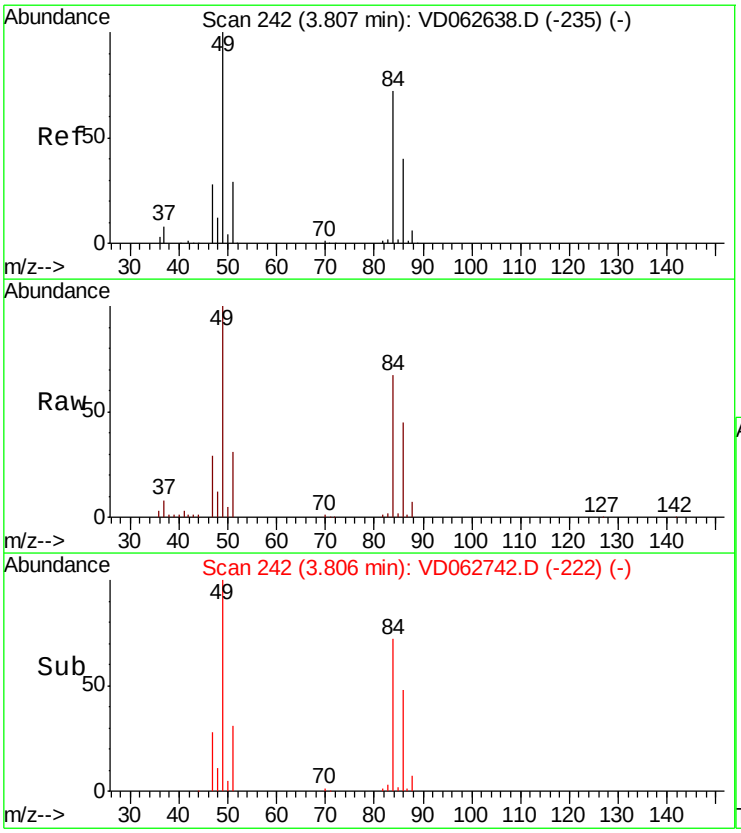
#19
Methyl tert-butyl Ether
Concen: 54.100 ug/l
RT: 4.23 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 814265

Ion	Ratio	Lower	Upper
73	100		
57	16.2	13.5	20.3

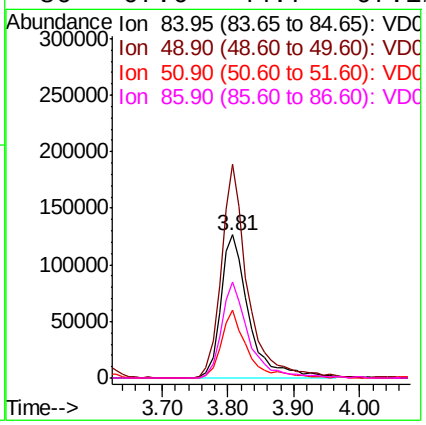


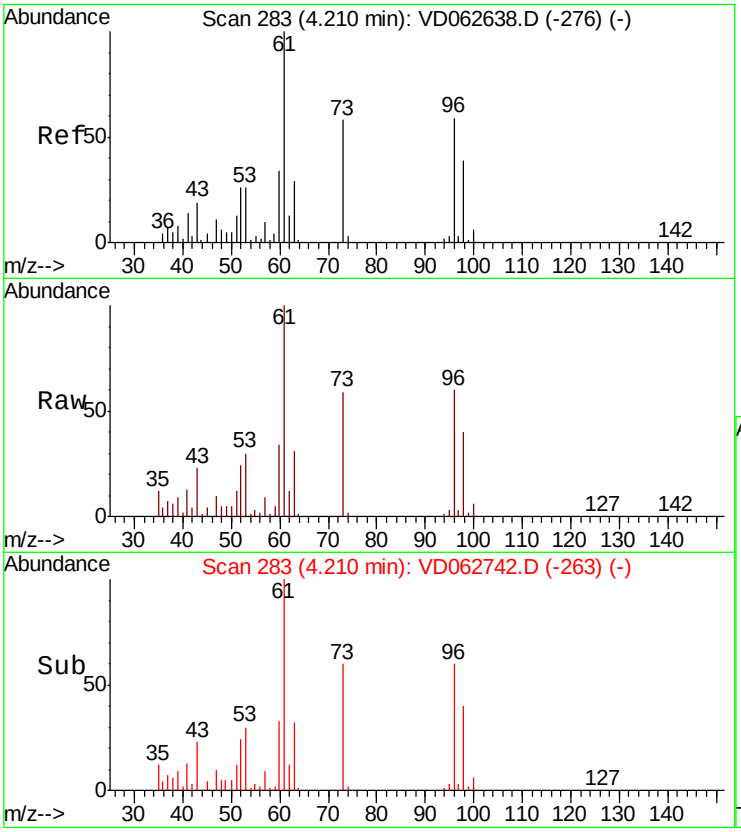


#20
Methylene Chloride
Concen: 54.255 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 84 Resp: 377929

Ion	Ratio	Lower	Upper
84	100		
49	149.6	111.2	166.8
51	47.1	31.9	47.9
86	67.6	44.7	67.1#



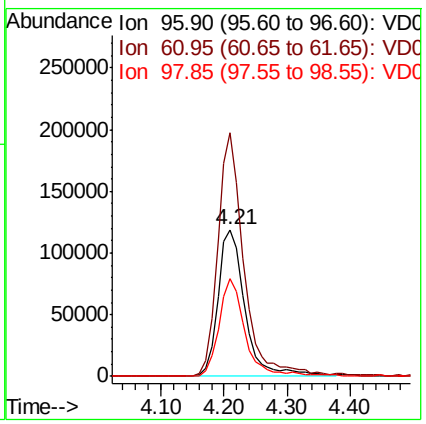


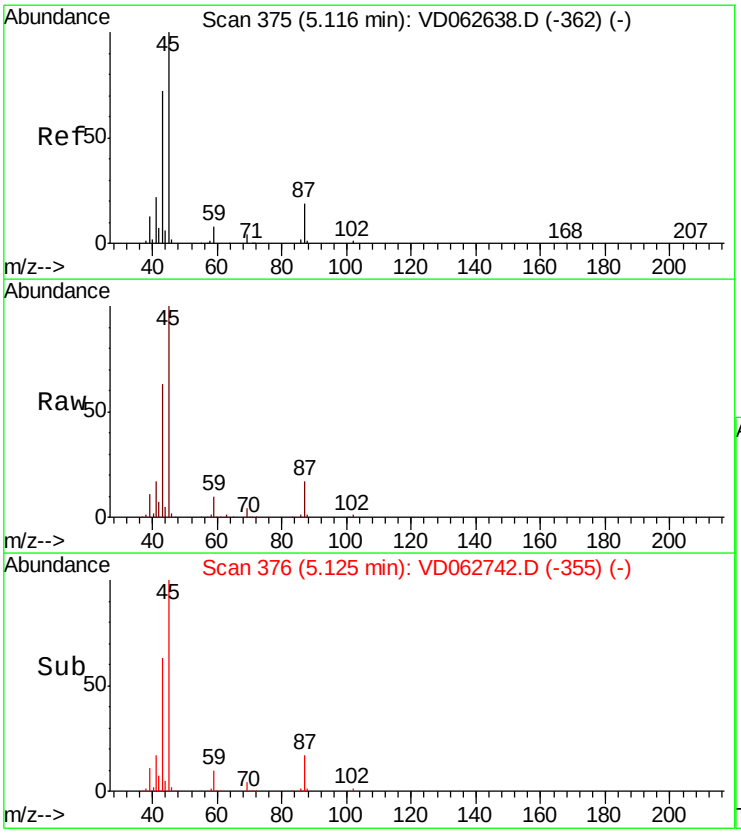
#21
trans-1,2-Dichloroethene
Concen: 52.219 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 353486

Ion	Ratio	Lower	Upper
96	100		
61	166.2	134.6	201.8
98	67.1	51.8	77.8

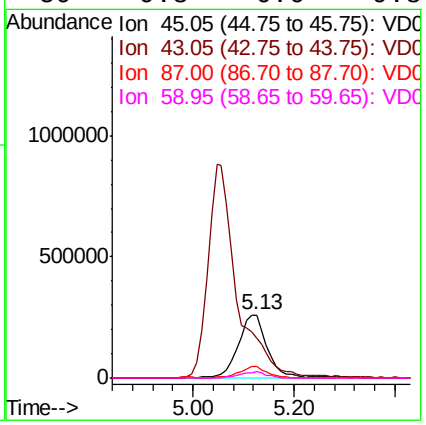


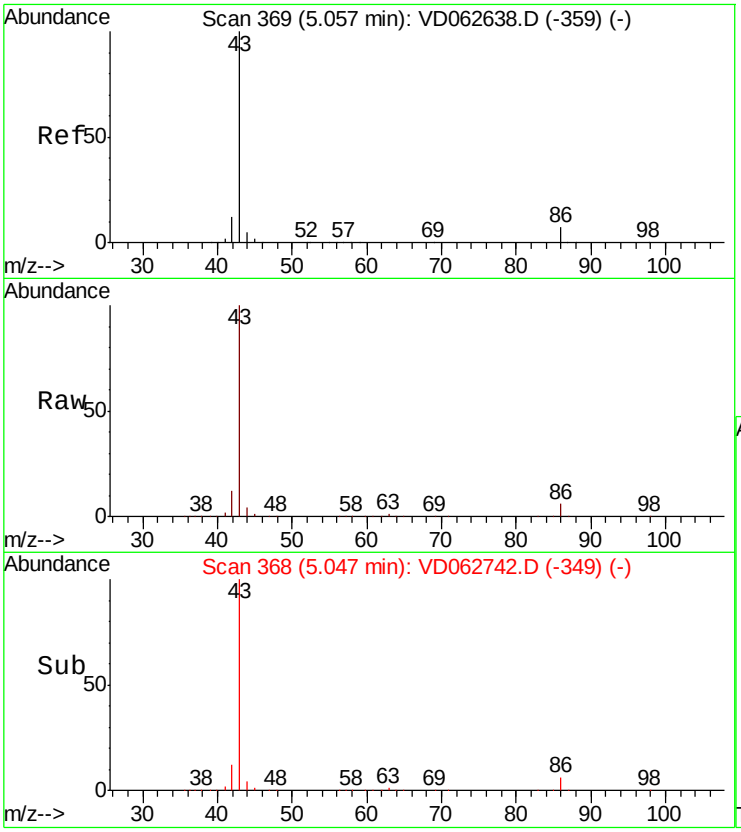


#22
Diisopropyl ether
Concen: 52.790 ug/l
RT: 5.13 min Scan# 376
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 45 Resp: 1040097

Ion	Ratio	Lower	Upper
45	100		
43	62.7	58.8	88.2
87	17.5	15.7	23.5
59	9.8	6.6	9.8



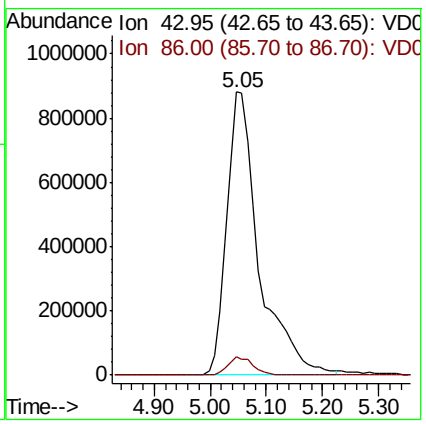


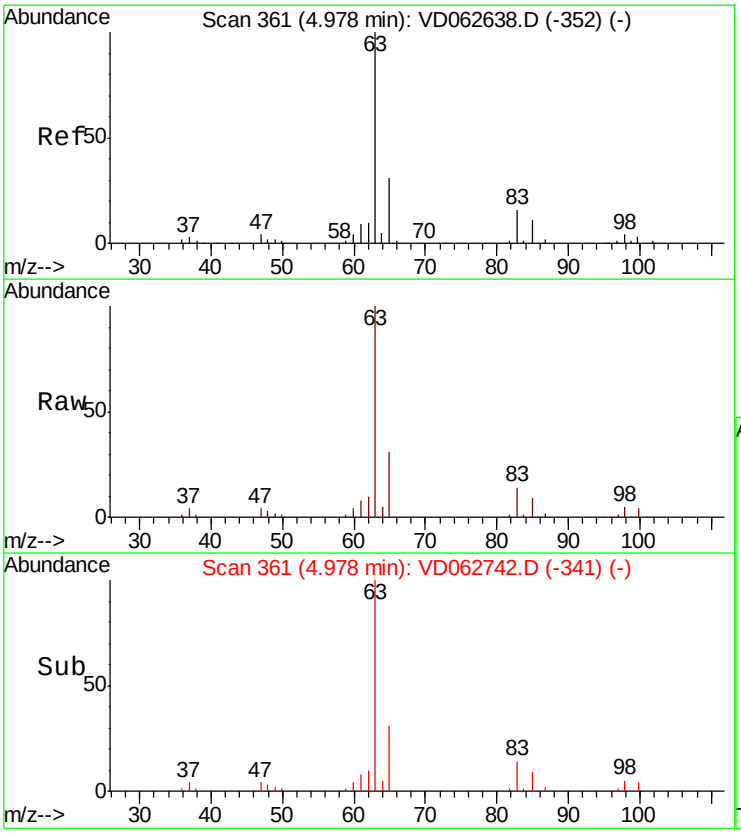
#23
Vinyl Acetate
Concen: 288.096 ug/l
RT: 5.05 min Scan# 368
Delta R.T. -0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3521445

Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.3	7.9

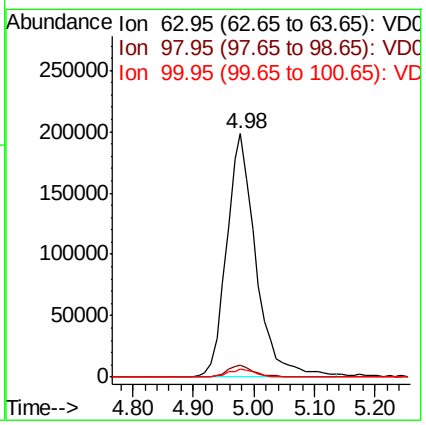


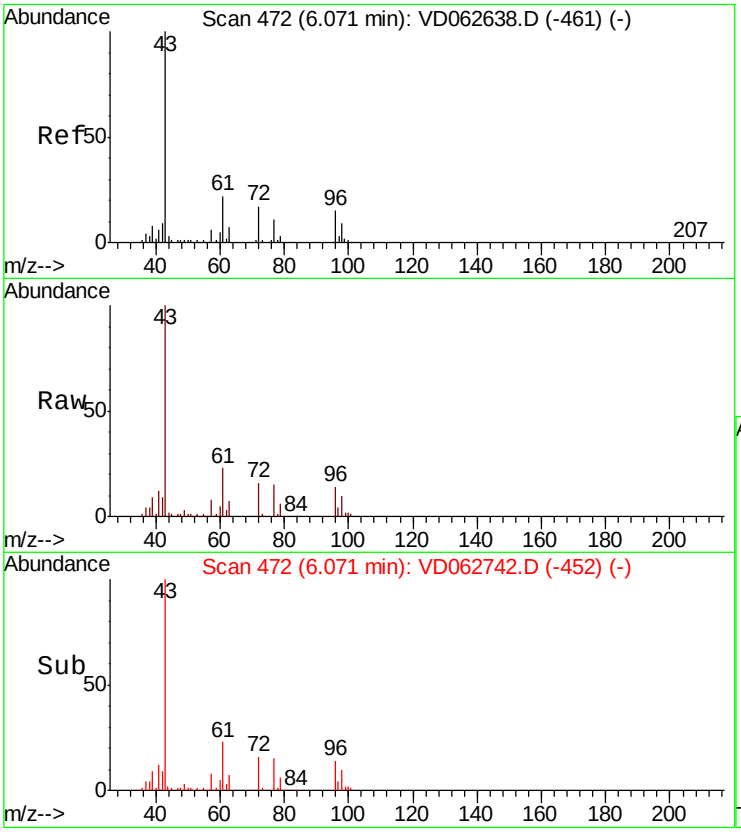


#24
1,1-Dichloroethane
Concen: 52.485 ug/l
RT: 4.98 min Scan# 361
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 63 Resp: 665254

Ion	Ratio	Lower	Upper
63	100		
98	5.0	1.8	5.4
100	3.6	1.5	4.4



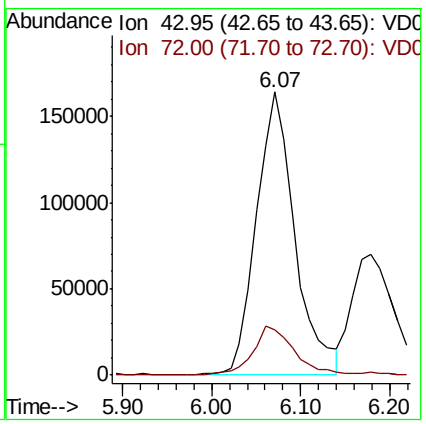


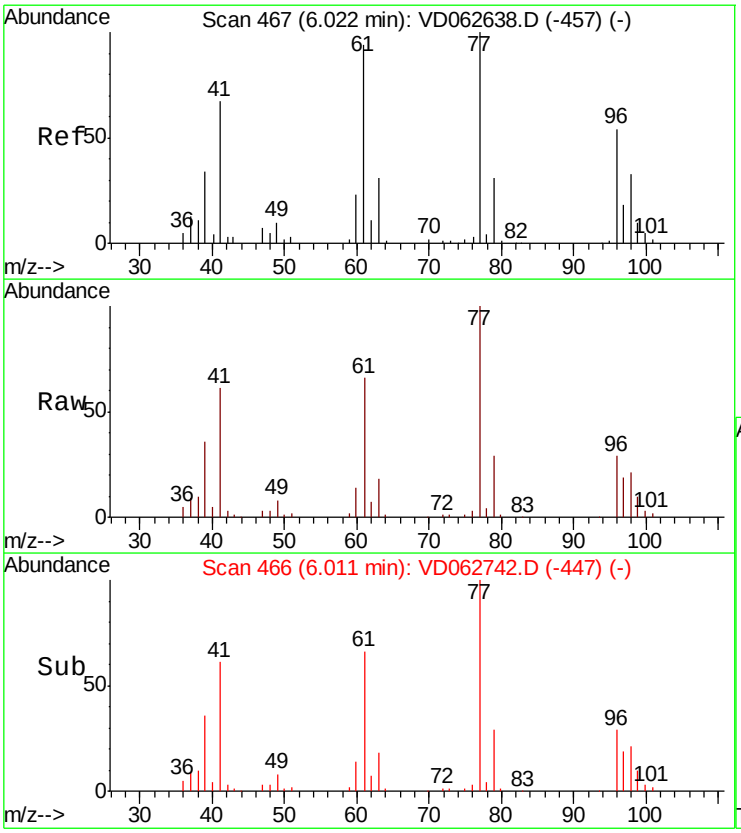
#25
2-Butanone
Concen: 272.961 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 491297

Ion	Ratio	Lower	Upper
43	100		
72	16.2	13.5	20.3

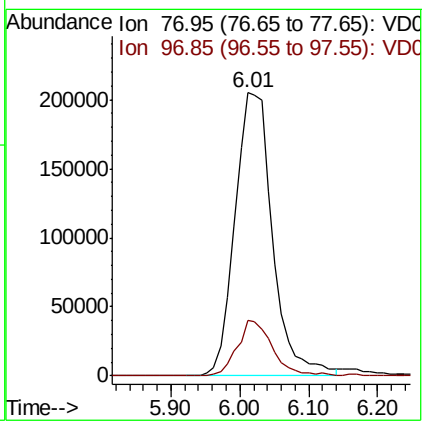


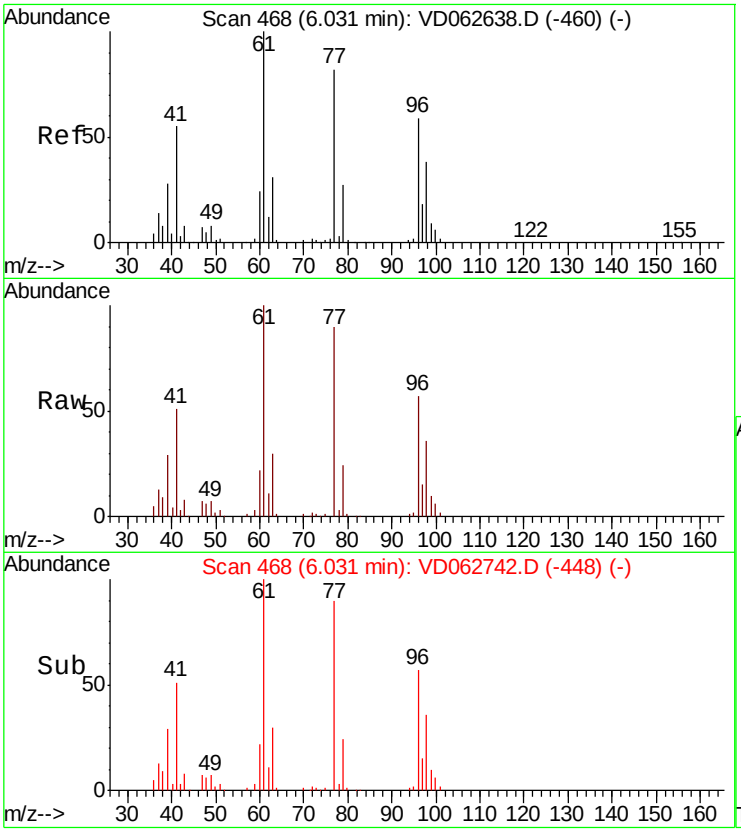


#26
2,2-Dichloropropane
Concen: 53.069 ug/l
RT: 6.01 min Scan# 466
Delta R.T. -0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 77 Resp: 775240

Ion	Ratio	Lower	Upper
77	100		
97	19.4	8.8	26.5



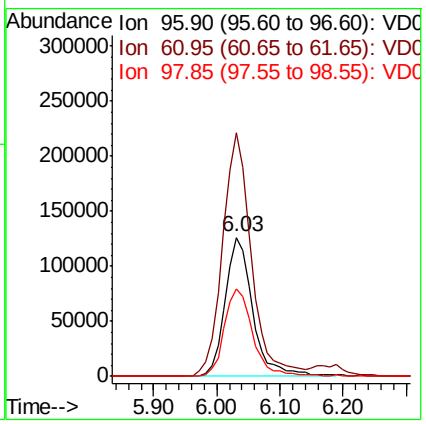


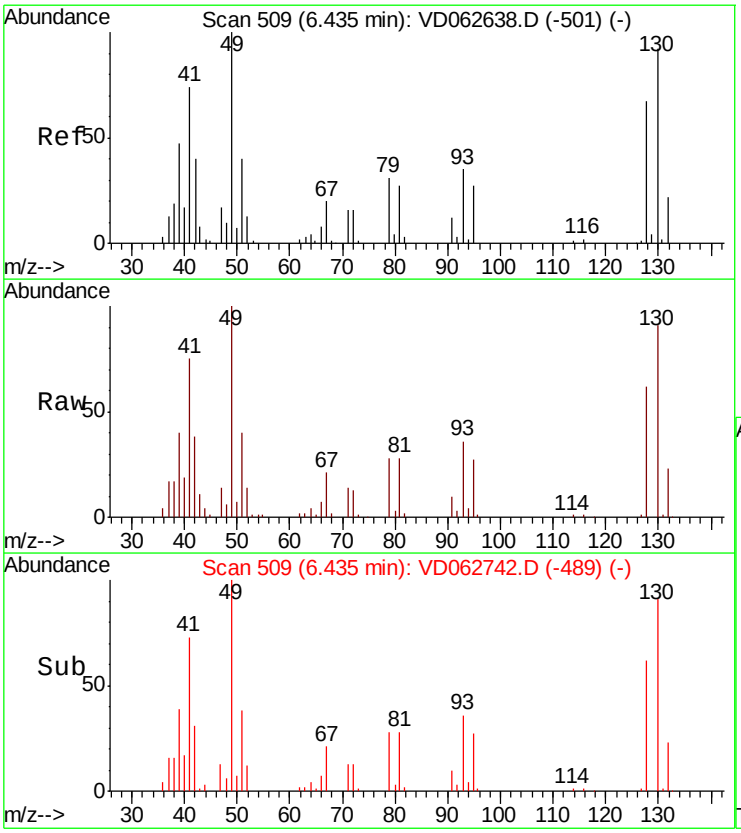
#27
cis-1,2-Dichloroethene
Concen: 51.791 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 380062

Ion	Ratio	Lower	Upper
96	100		
61	175.3	0.0	340.0
98	63.0	0.0	127.6

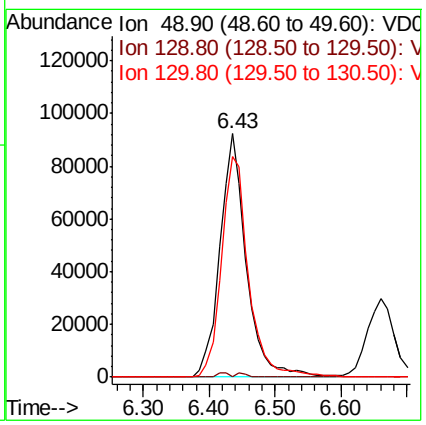


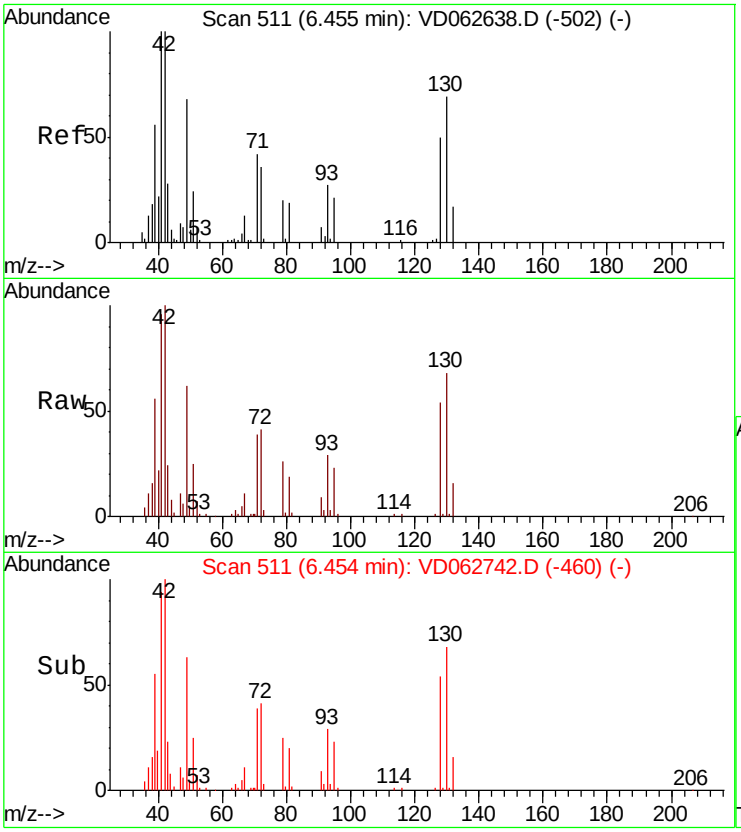


#28
Bromochloromethane
Concen: 53.155 ug/l
RT: 6.43 min Scan# 509
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 49 Resp: 257547

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	8.2
130	90.7	73.4	110.0



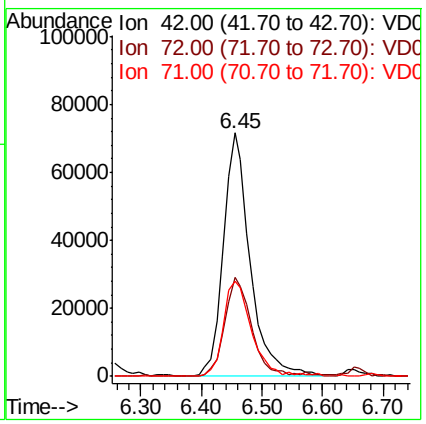


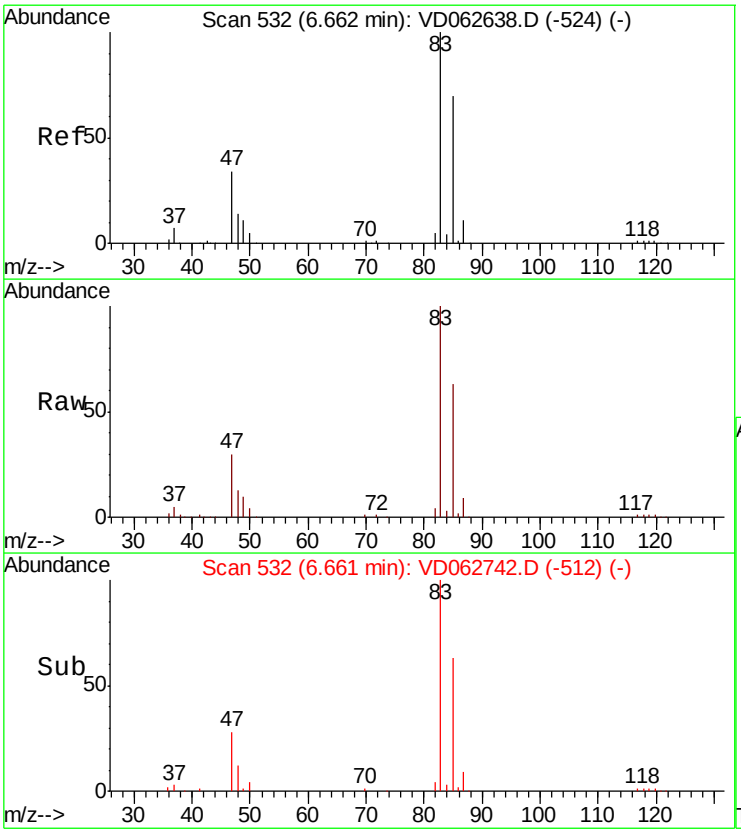
#29
Tetrahydrofuran
Concen: 271.456 ug/l
RT: 6.45 min Scan# 511
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 42 Resp: 220026

Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.8	50.6
71	40.9	34.2	51.4

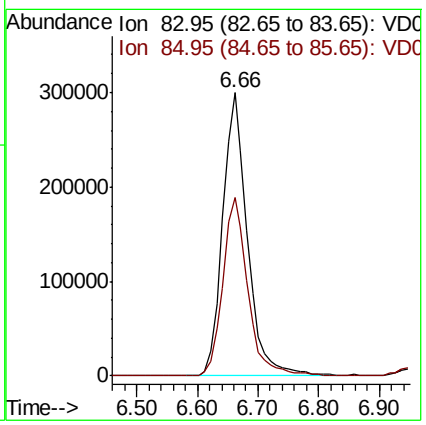


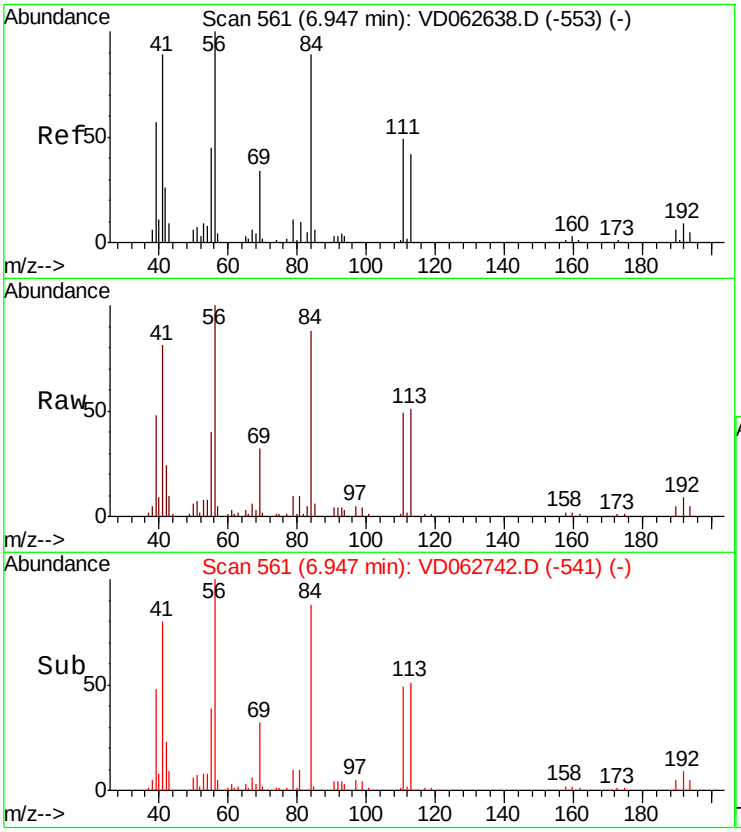


#30
Chloroform
Concen: 52.076 ug/l
RT: 6.66 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 83 Resp: 846875

Ion	Ratio	Lower	Upper
83	100		
85	63.3	55.8	83.6



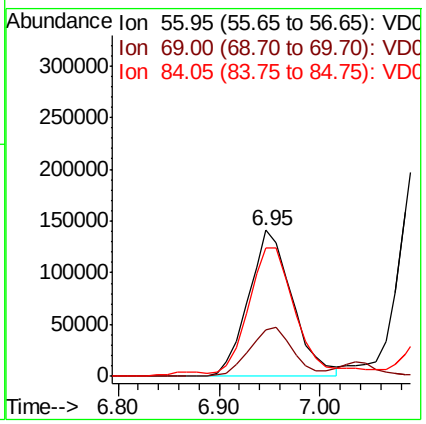


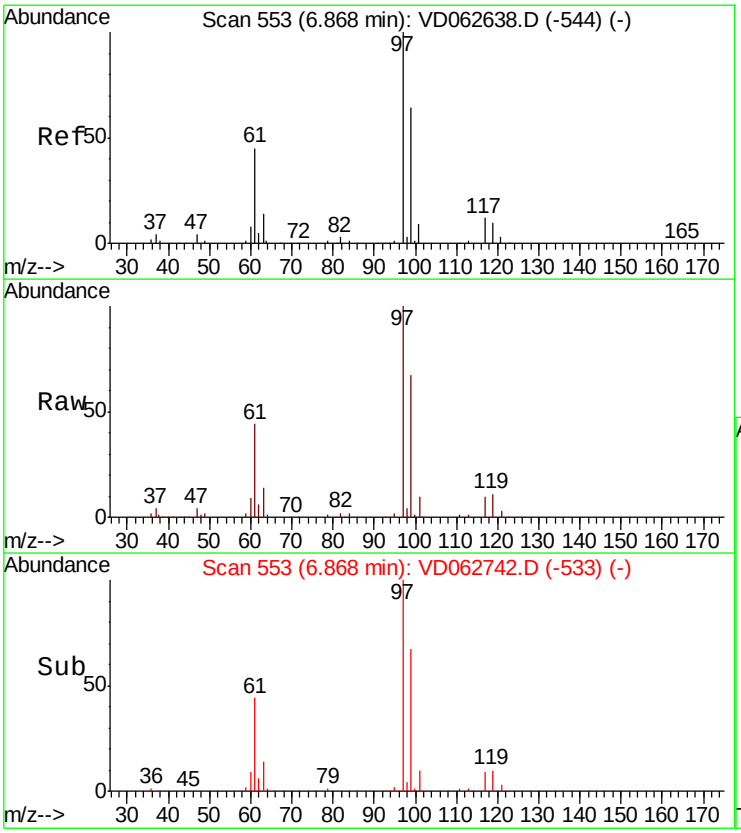
#31
Cyclohexane
Concen: 53.644 ug/l
RT: 6.95 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 426522

Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.8	40.2
84	88.1	73.9	110.9

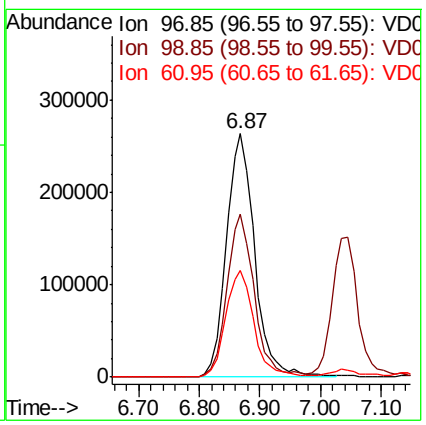


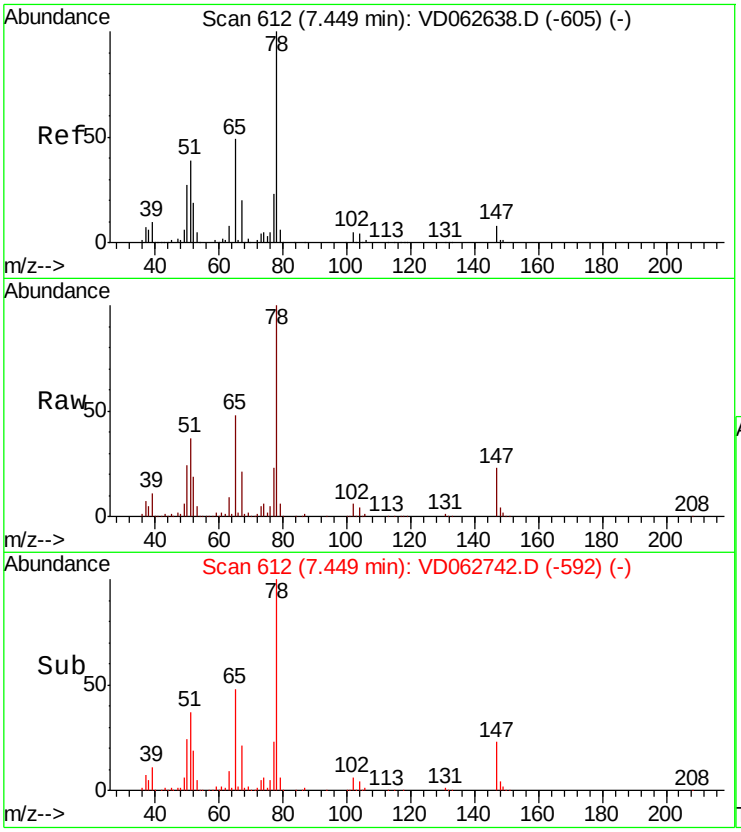


#32
1,1,1-Trichloroethane
Concen: 52.730 ug/l
RT: 6.87 min Scan# 553
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 97 Resp: 853277

Ion	Ratio	Lower	Upper
97	100		
99	66.7	51.4	77.0
61	43.7	35.6	53.4



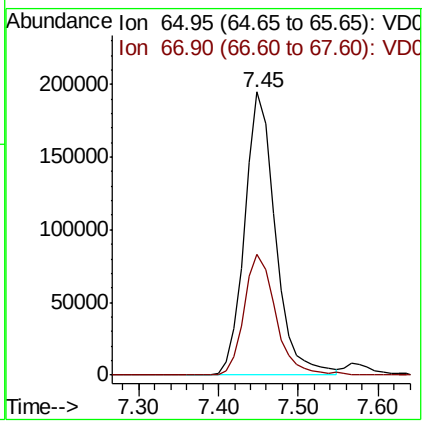


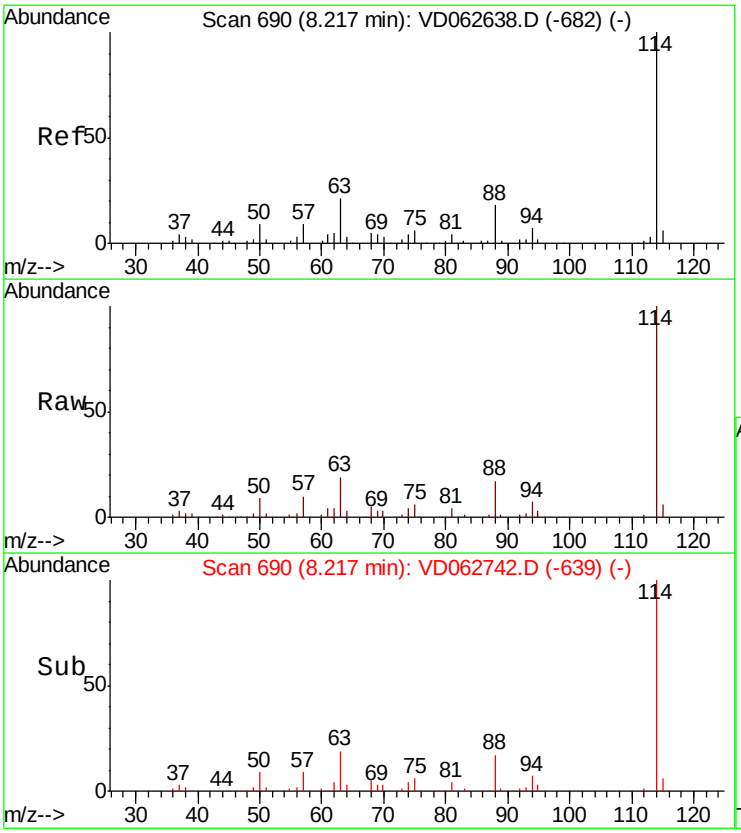
#33
1,2-Dichloroethane-d4
Concen: 51.067 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 514511

Ion	Ratio	Lower	Upper
65	100		
67	42.5	0.0	81.8

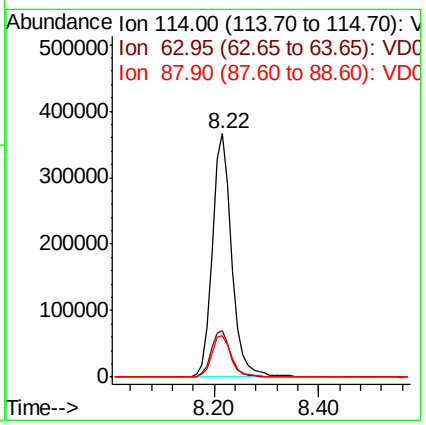


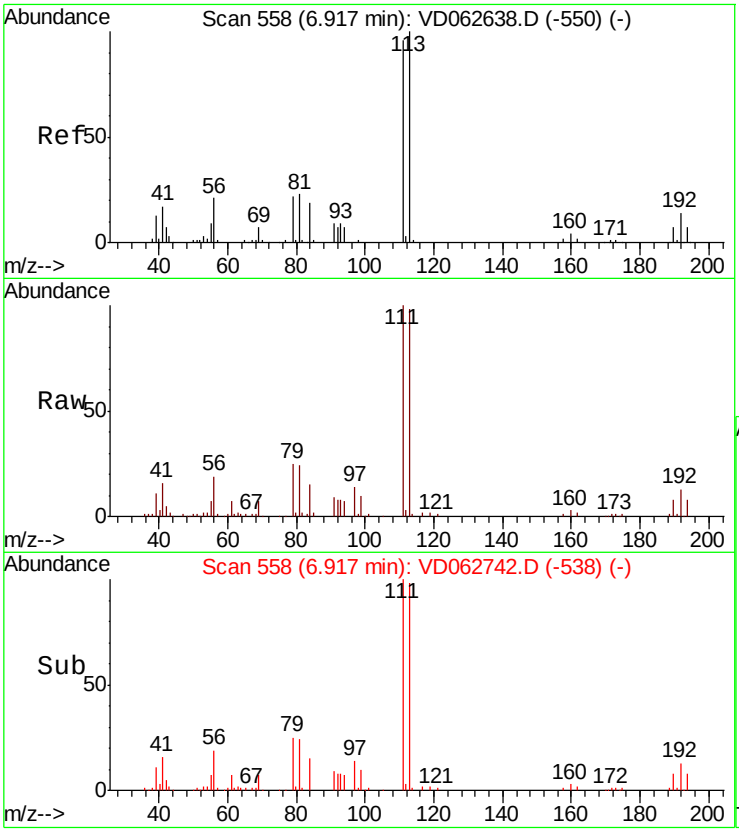


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:114 Resp: 938807

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	42.4
88	16.9	0.0	36.8



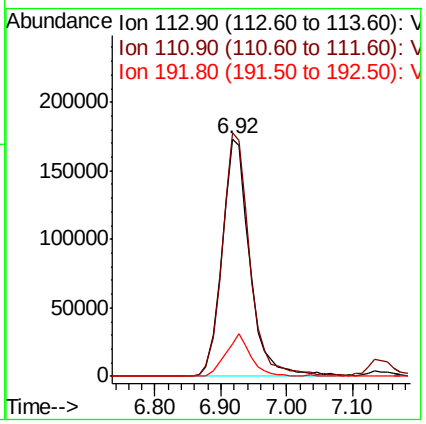


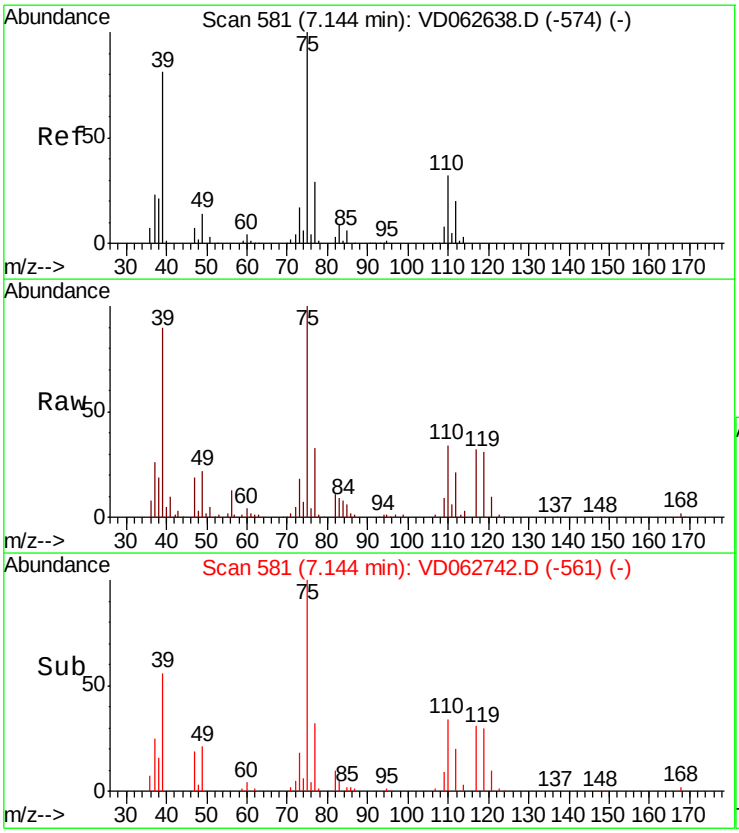
#35
Dibromofluoromethane
Concen: 51.446 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 509363

Ion	Ratio	Lower	Upper
113	100		
111	102.5	76.4	114.6
192	13.4	11.4	17.0

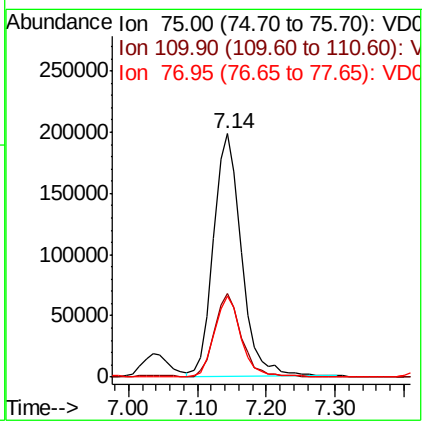


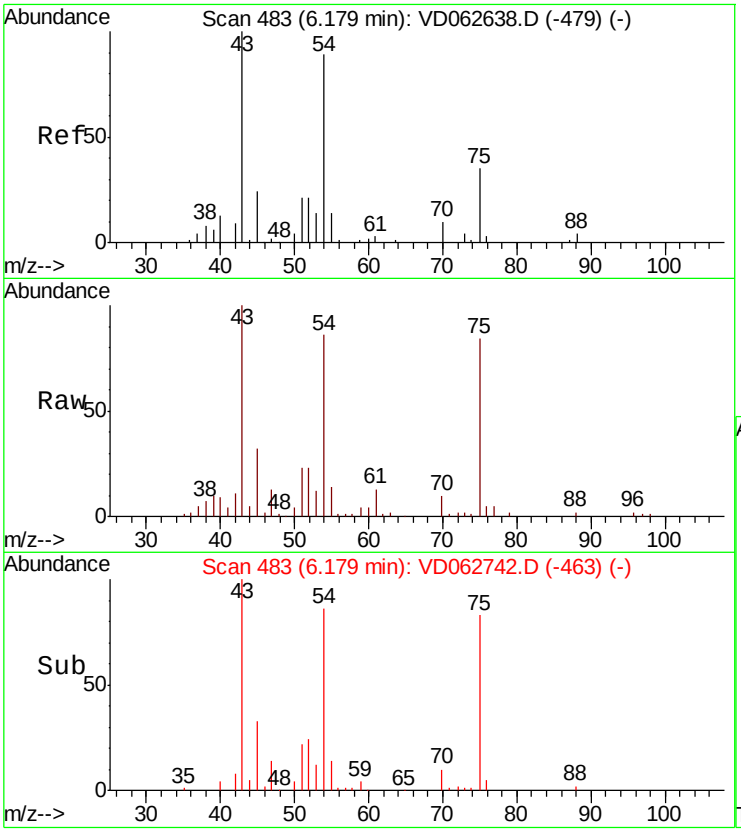


#36
1,1-Dichloropropene
Concen: 51.751 ug/l
RT: 7.14 min Scan# 581
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 75 Resp: 556042

Ion	Ratio	Lower	Upper
75	100		
110	34.3	15.9	47.7
77	33.3	23.3	34.9



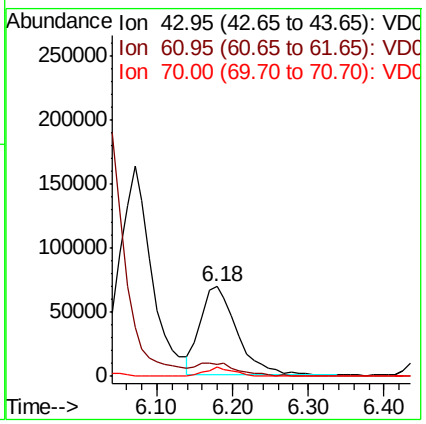


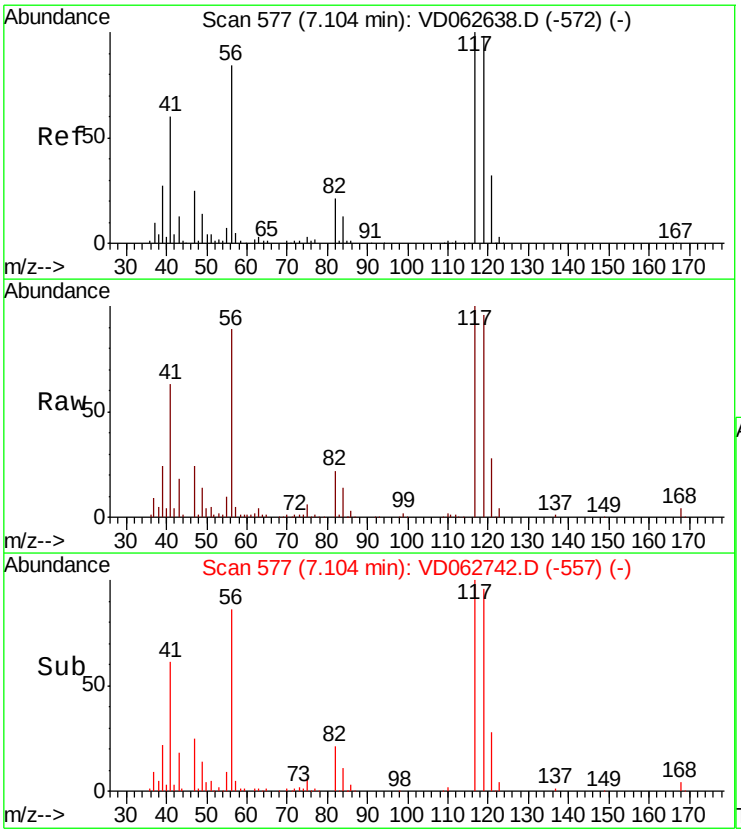
#37
Ethyl Acetate
Concen: 50.774 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 232696

Ion	Ratio	Lower	Upper
43	100		
61	13.0	8.7	13.1
70	10.0	6.5	9.7#

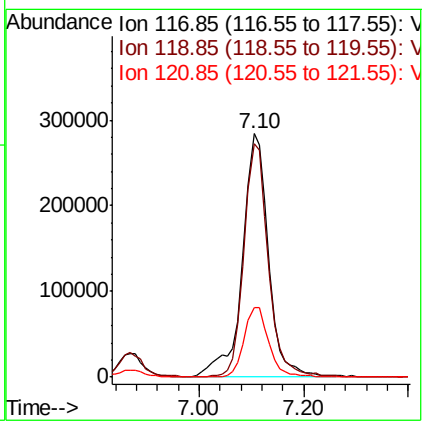


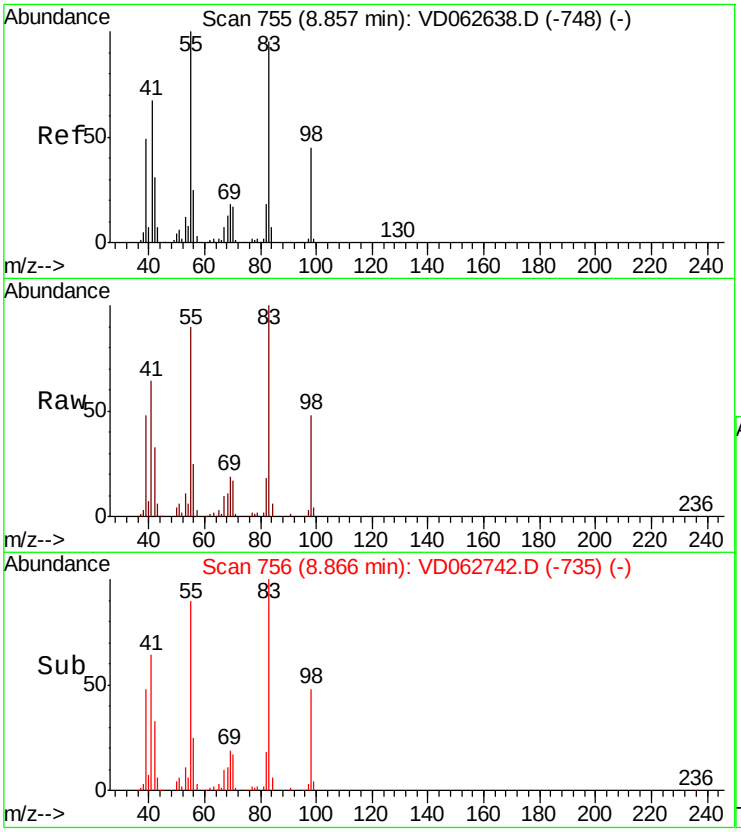


#38
Carbon Tetrachloride
Concen: 55.920 ug/l
RT: 7.10 min Scan# 577
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:117 Resp: 949691

Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.5	110.3
121	28.3	24.2	36.4



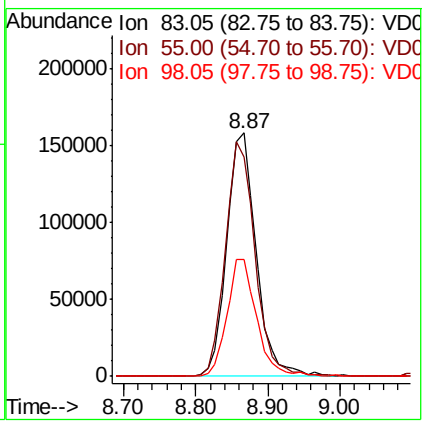


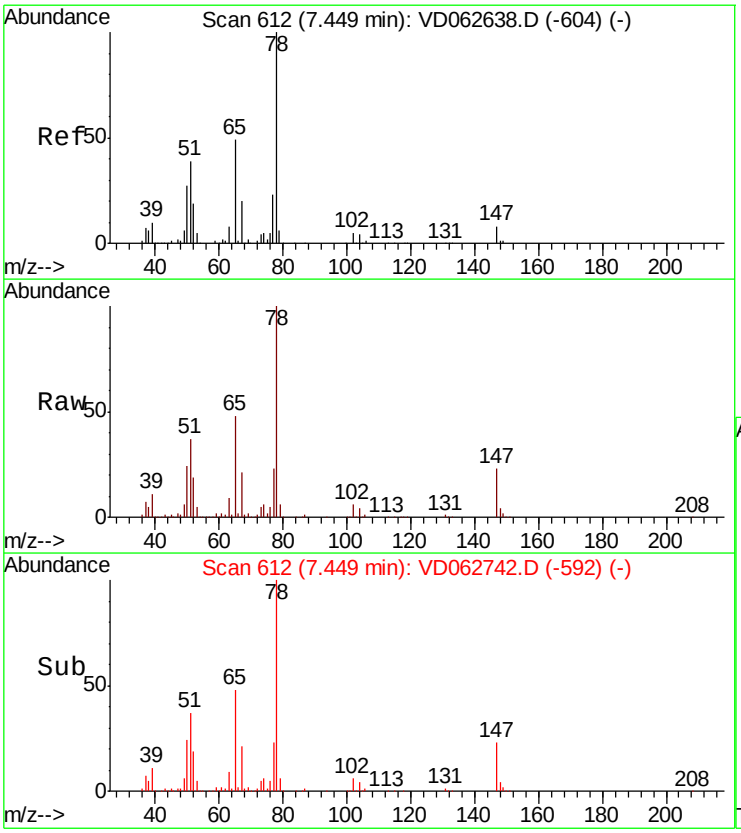
#39
Methylcyclohexane
Concen: 51.945 ug/l
RT: 8.87 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 451019

Ion	Ratio	Lower	Upper
83	100		
55	90.3	84.6	127.0
98	48.0	38.2	57.4

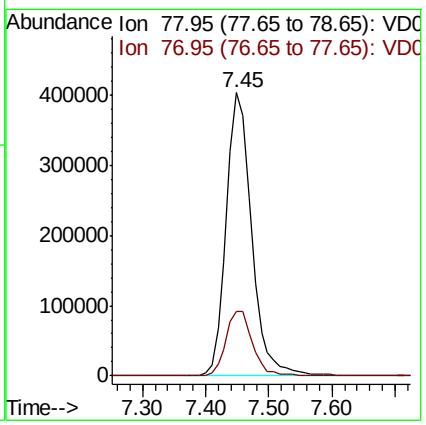


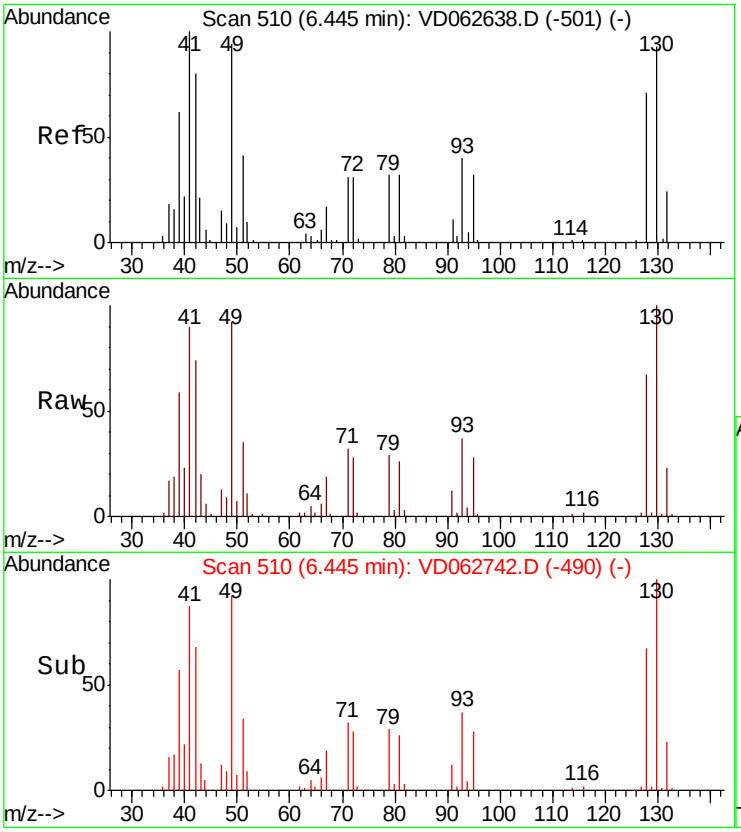


#40
Benzene
Concen: 53.594 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 78 Resp: 1124574

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0



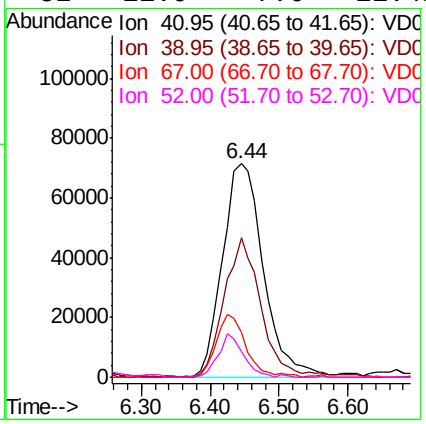


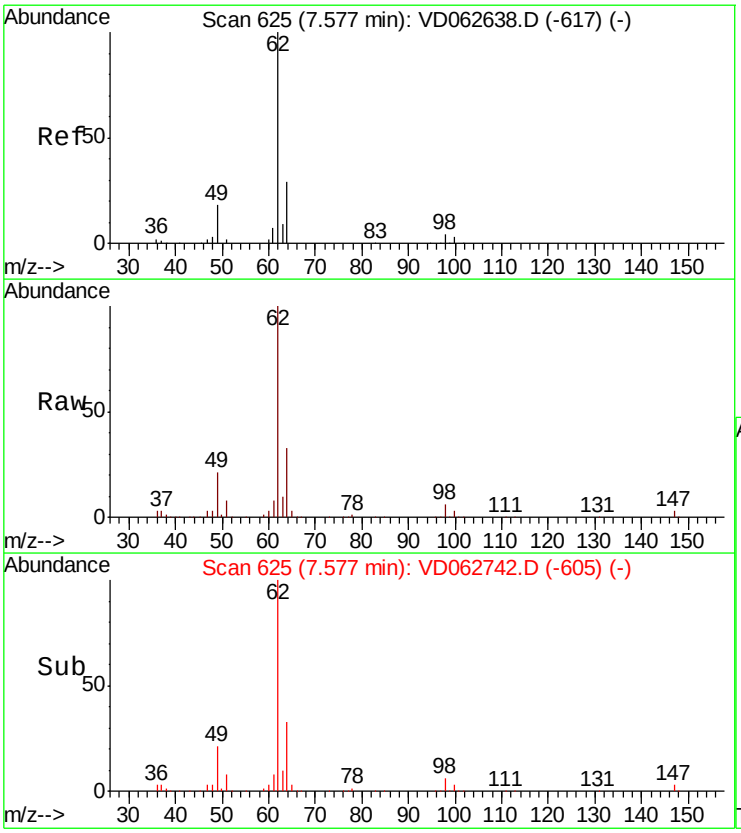
#41
Methacrylonitrile
Concen: 52.424 ug/l
RT: 6.44 min Scan# 510
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 294859

Ion	Ratio	Lower	Upper
41	100		
39	65.2	49.2	73.8
67	20.7	13.9	20.9
52	11.9	7.6	11.4#

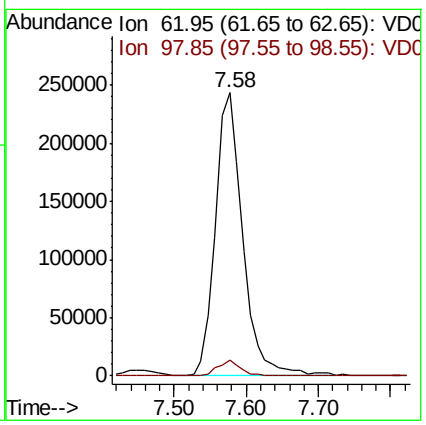


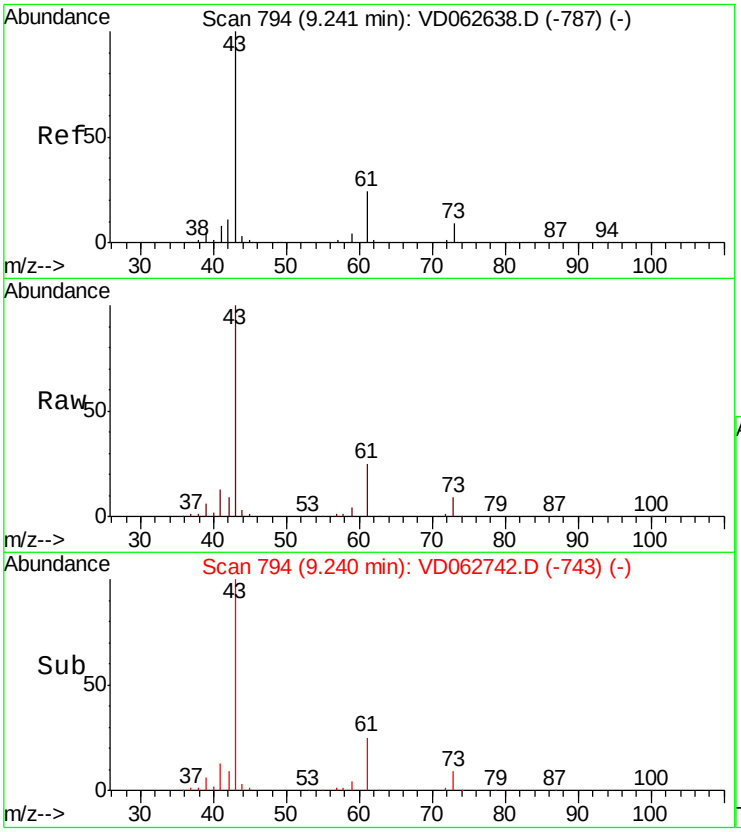


#42
1,2-Dichloroethane
Concen: 50.986 ug/l
RT: 7.58 min Scan# 625
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 62 Resp: 637666

Ion	Ratio	Lower	Upper
62	100		
98	5.7	0.0	7.4



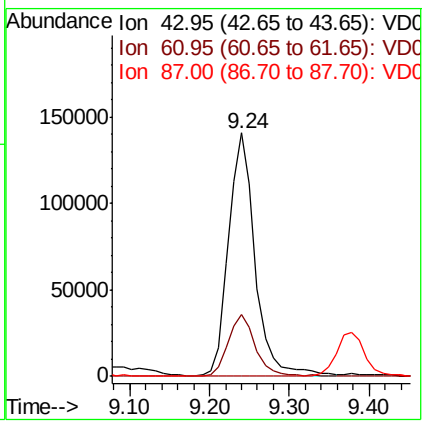


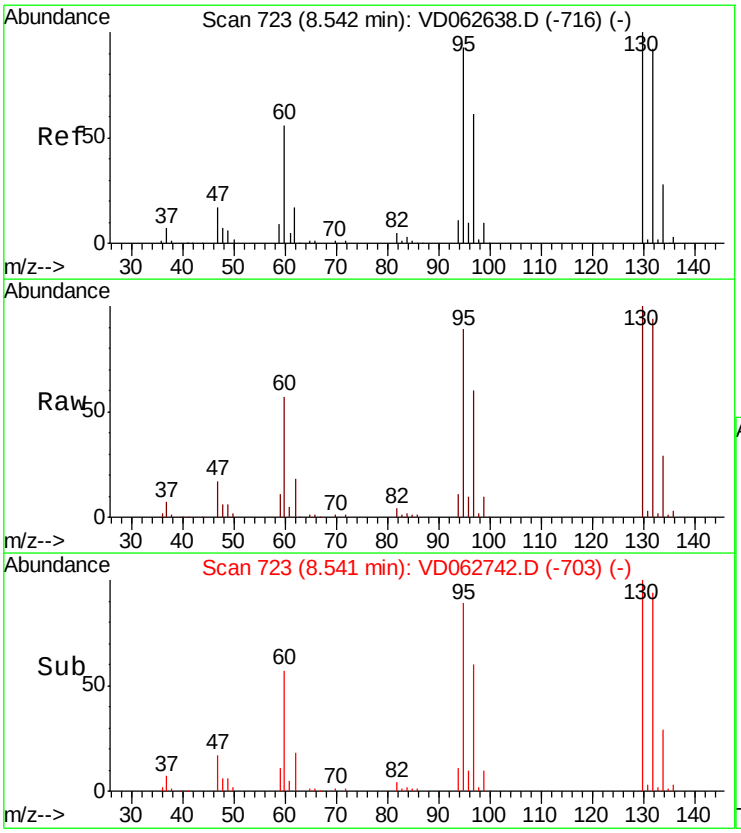
#43
Isopropyl Acetate
Concen: 57.590 ug/l
RT: 9.24 min Scan# 794
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 326494

Ion	Ratio	Lower	Upper
43	100		
61	25.5	19.0	28.6
87	0.3	0.3	0.5

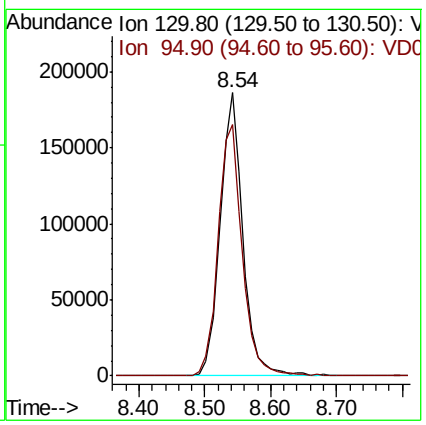


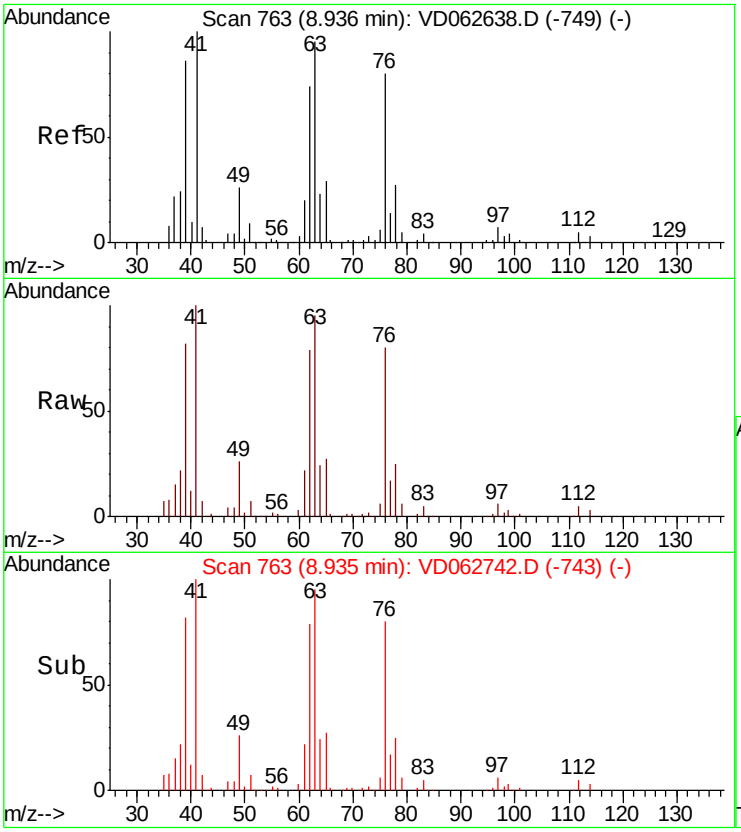


#44
Trichloroethene
Concen: 52.396 ug/l
RT: 8.54 min Scan# 723
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:130 Resp: 446342

Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	185.6



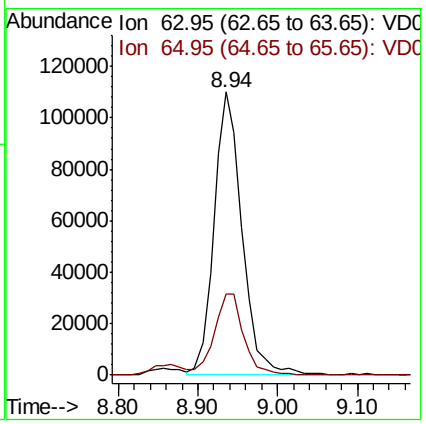


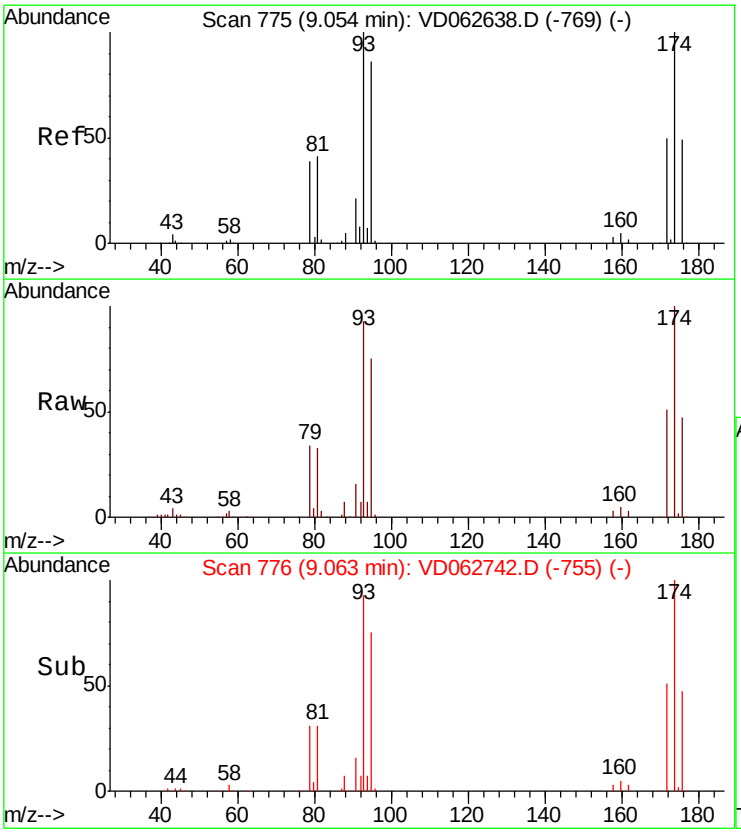
#45
1,2-Dichloropropane
Concen: 53.993 ug/l
RT: 8.94 min Scan# 763
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 272134

Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.6	37.0

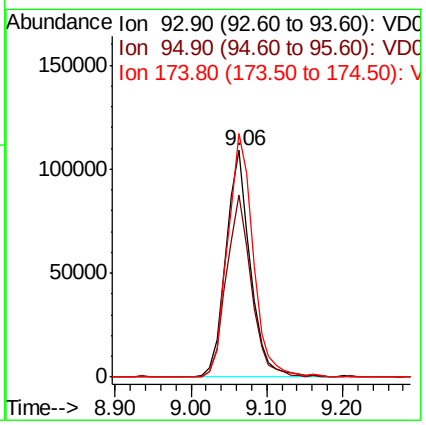


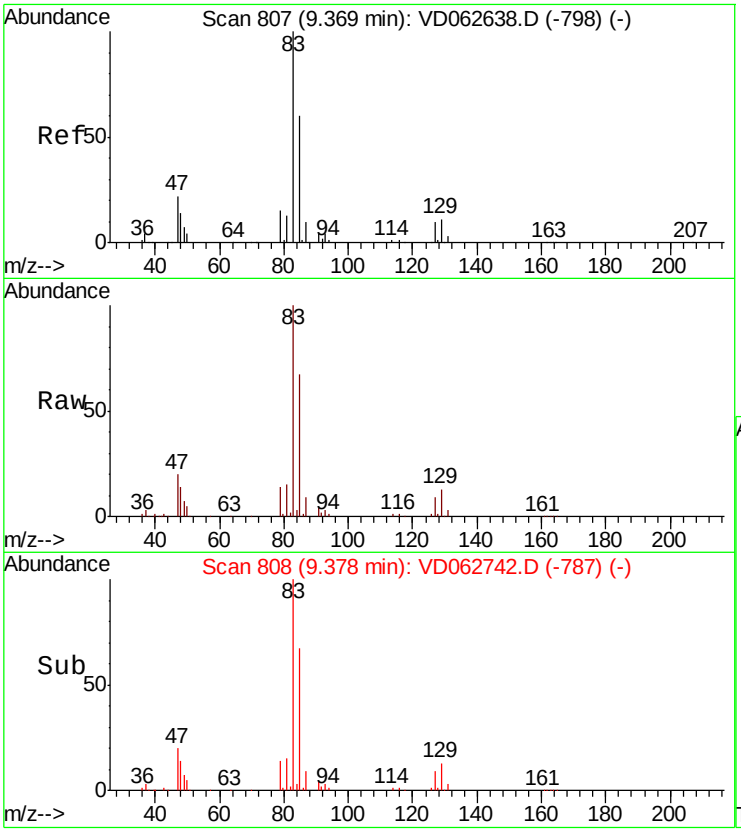


#46
Dibromomethane
Concen: 54.140 ug/l
RT: 9.06 min Scan# 776
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 93 Resp: 242215

Ion	Ratio	Lower	Upper
93	100		
95	80.3	68.7	103.1
174	107.3	79.8	119.8



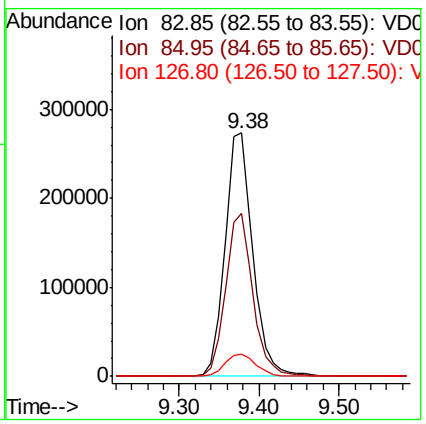


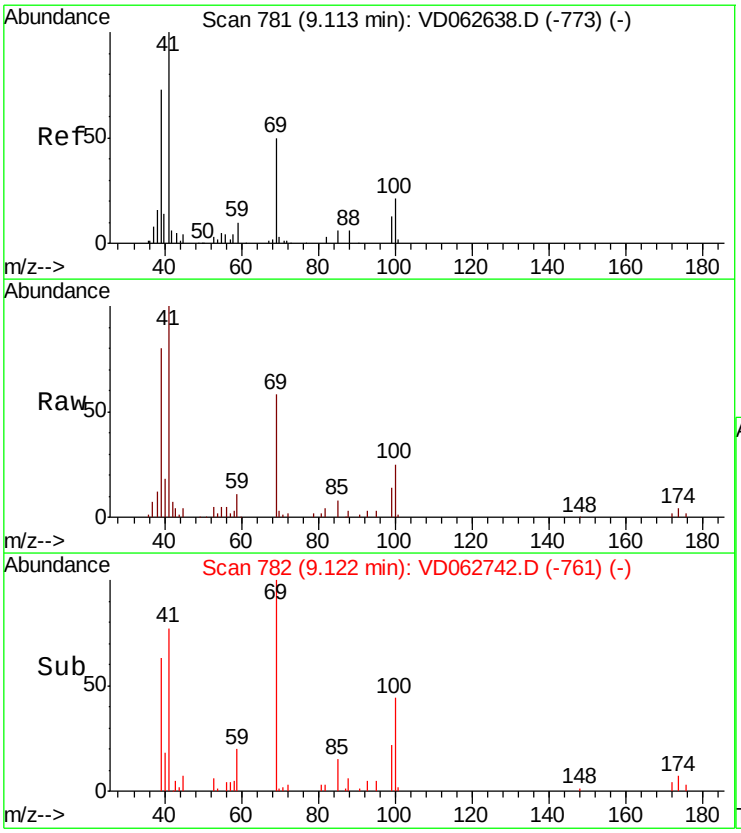
#47
Bromodichloromethane
Concen: 54.877 ug/l
RT: 9.38 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 667861

Ion	Ratio	Lower	Upper
83	100		
85	66.9	47.9	71.9
127	9.0	8.2	12.4

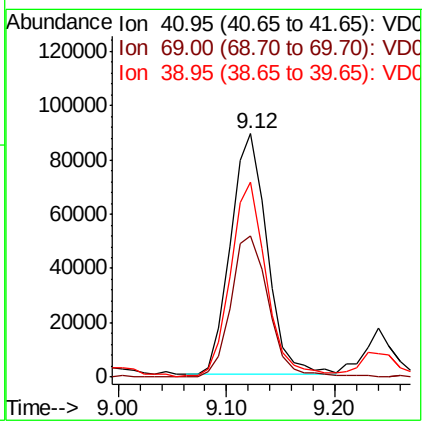


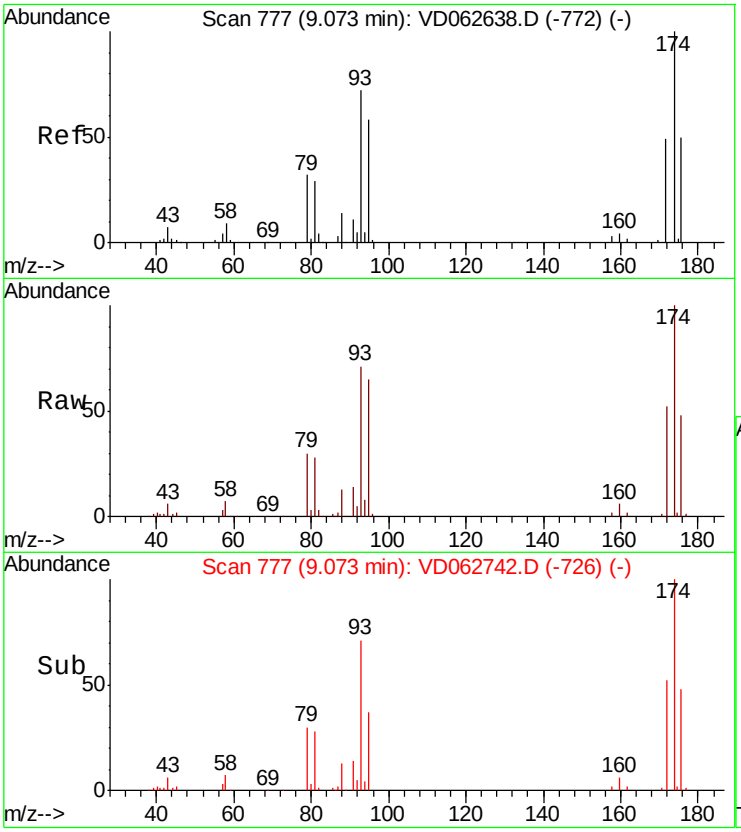


#48
Methyl methacrylate
Concen: 50.897 ug/l
RT: 9.12 min Scan# 782
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 41 Resp: 208463

Ion	Ratio	Lower	Upper
41	100		
69	58.3	39.8	59.6
39	80.3	59.1	88.7



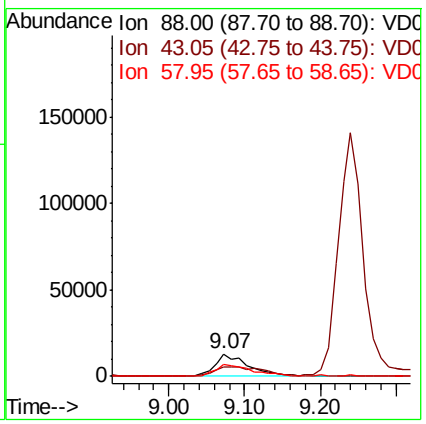


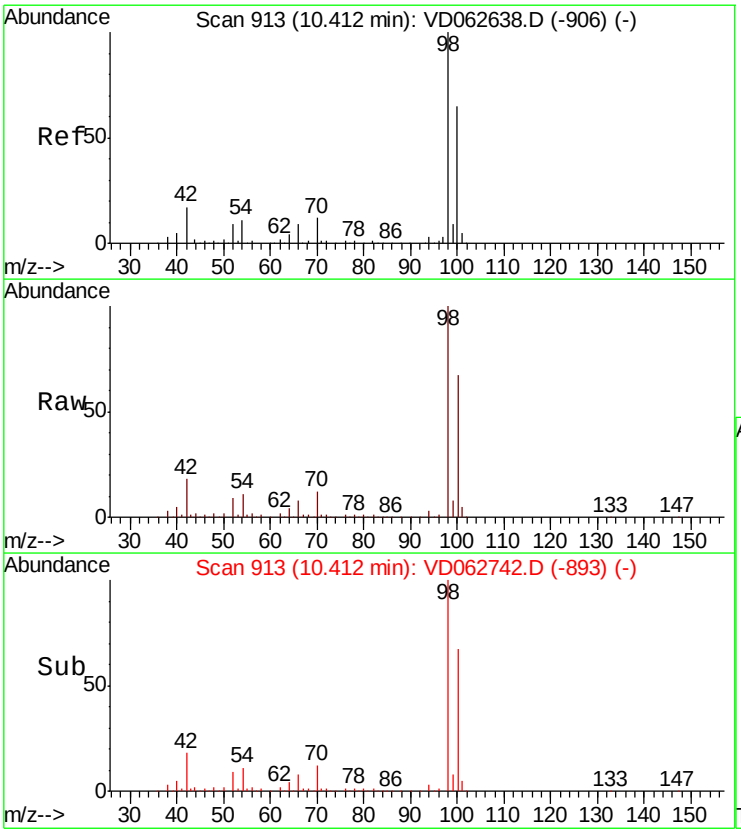
#49
1,4-Dioxane
Concen: 1092.899 ug/l
RT: 9.07 min Scan# 777
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 88 Resp: 40197

Ion	Ratio	Lower	Upper
88	100		
43	41.9	40.7	61.1
58	55.0	54.2	81.4

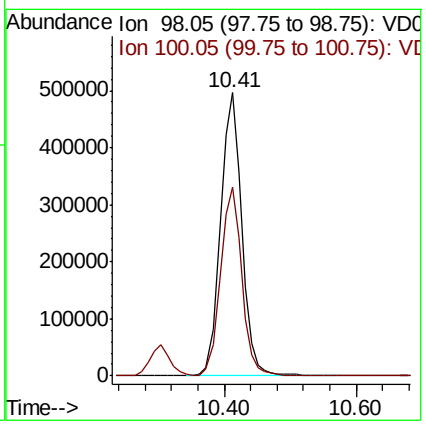


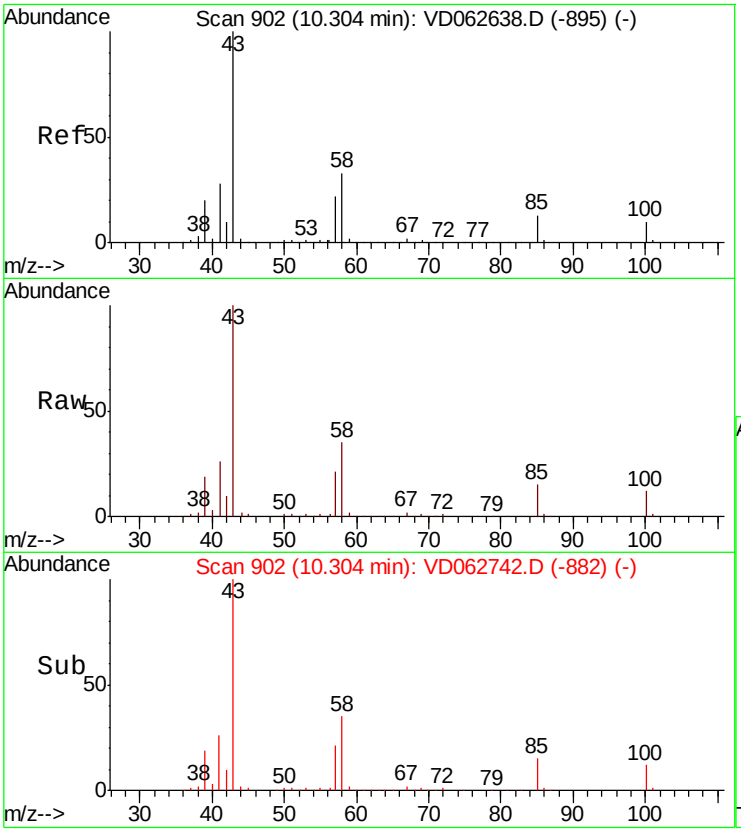


#50
Toluene-d8
Concen: 53.580 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 98 Resp: 1115978

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.1	78.1



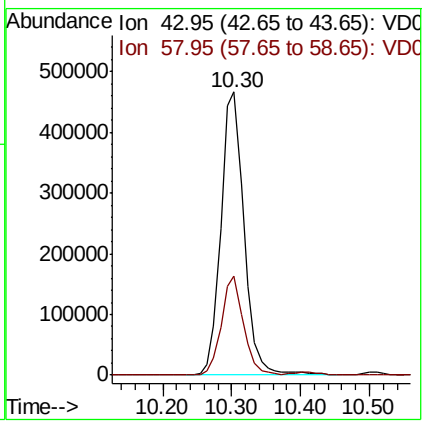


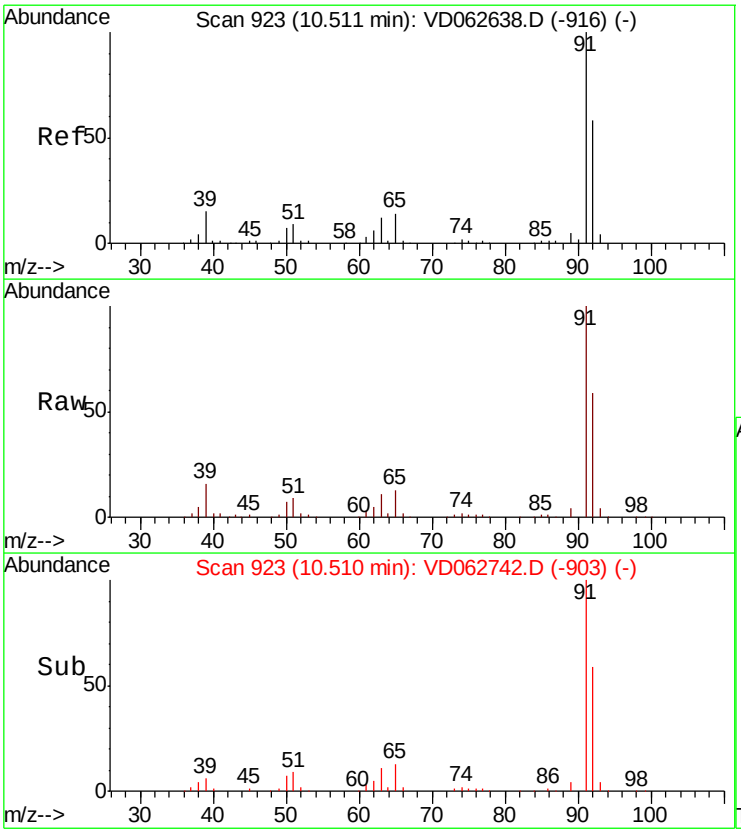
#51
4-Methyl-2-Pentanone
Concen: 273.978 ug/l
RT: 10.30 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1086853

Ion	Ratio	Lower	Upper
43	100		
58	34.9	26.1	39.1

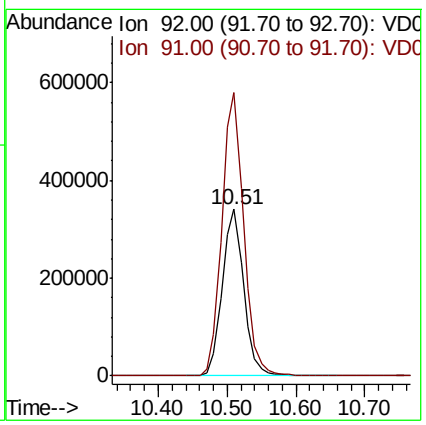


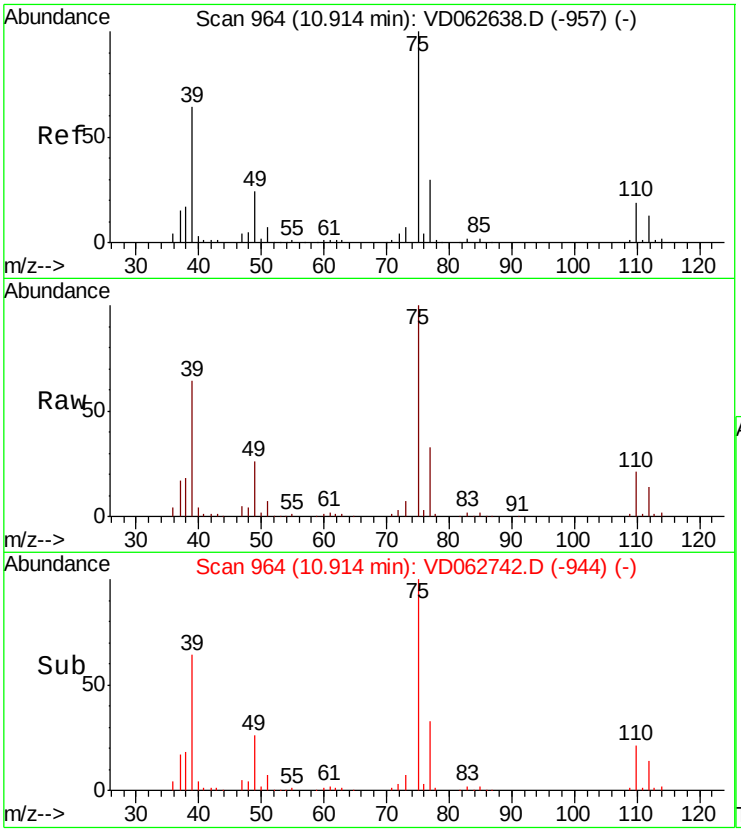


#52
Toluene
Concen: 52.323 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 92 Resp: 737998

Ion	Ratio	Lower	Upper
92	100		
91	169.8	137.0	205.6



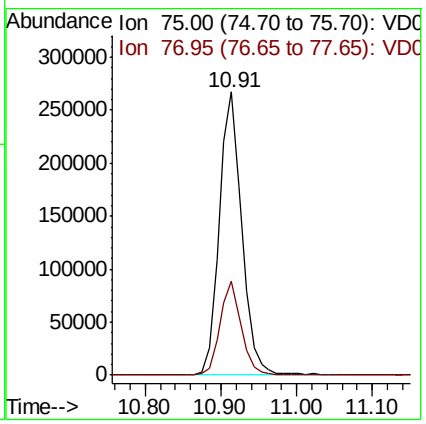


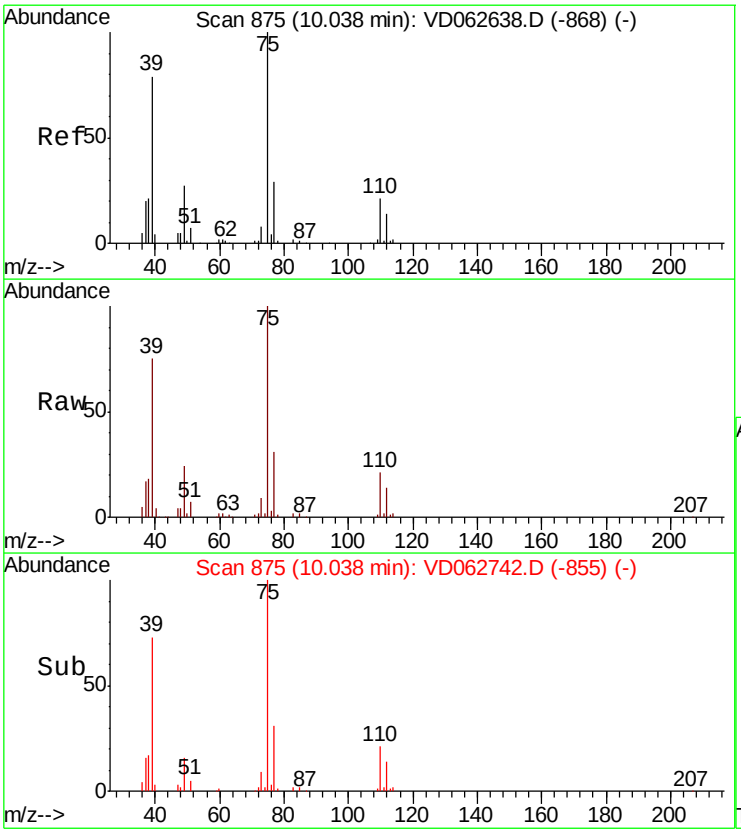
#53
t-1,3-Dichloropropene
Concen: 55.192 ug/l
RT: 10.91 min Scan# 964
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 550712

Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.1	36.1

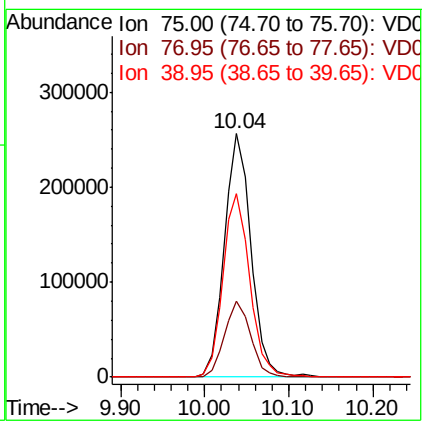


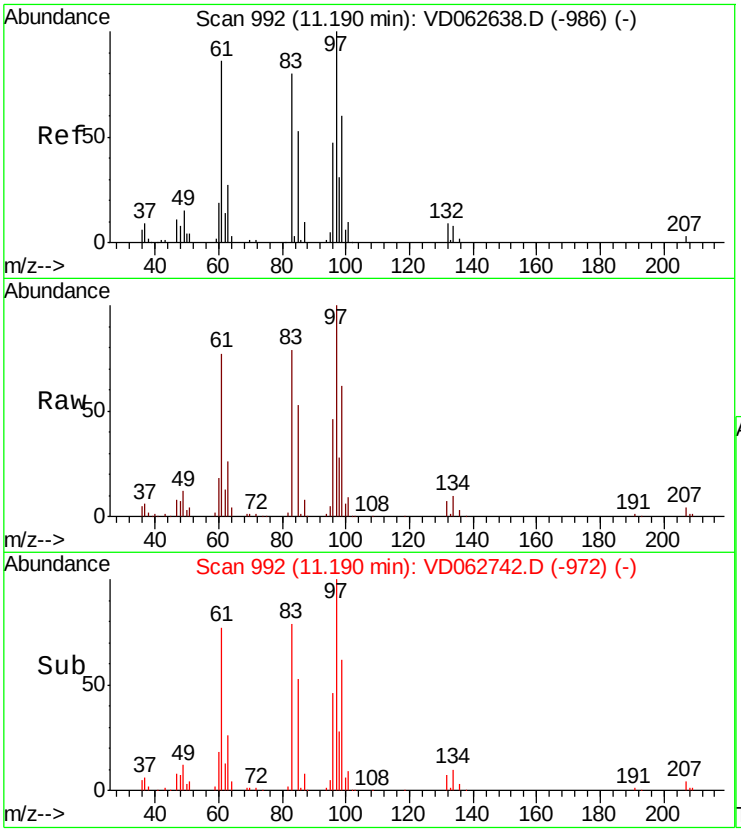


#54
cis-1,3-Dichloropropene
Concen: 54.566 ug/l
RT: 10.04 min Scan# 875
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 75 Resp: 562725

Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.1	34.7
39	75.2	63.4	95.2



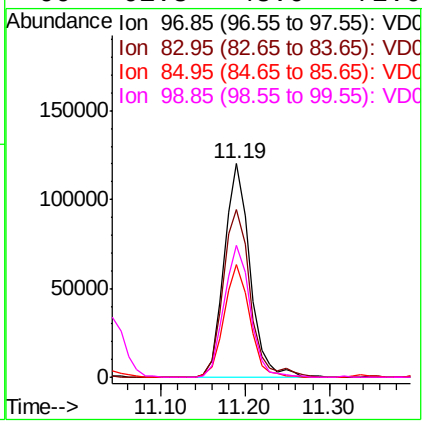


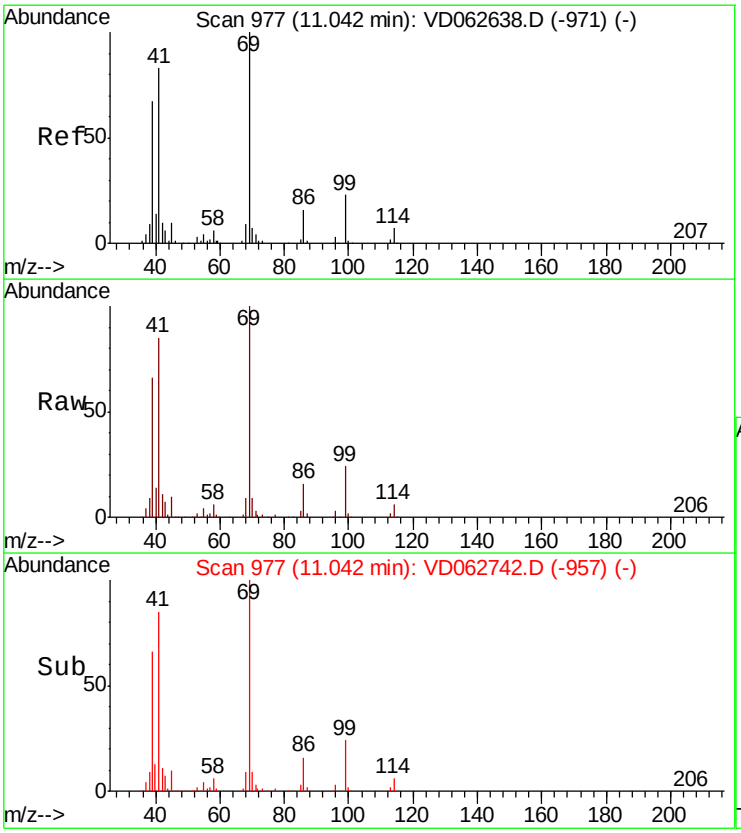
#55
1,1,2-Trichloroethane
Concen: 52.926 ug/l
RT: 11.19 min Scan# 992
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 256006

Ion	Ratio	Lower	Upper
97	100		
83	78.7	63.8	95.8
85	52.6	42.3	63.5
99	61.8	48.0	72.0

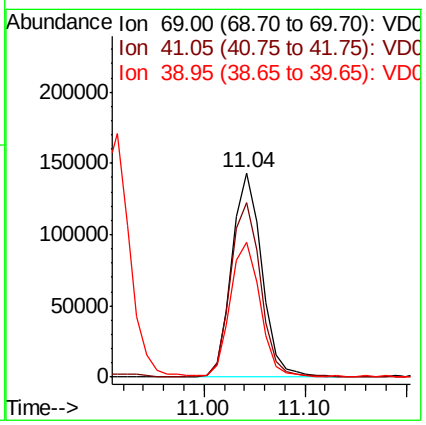


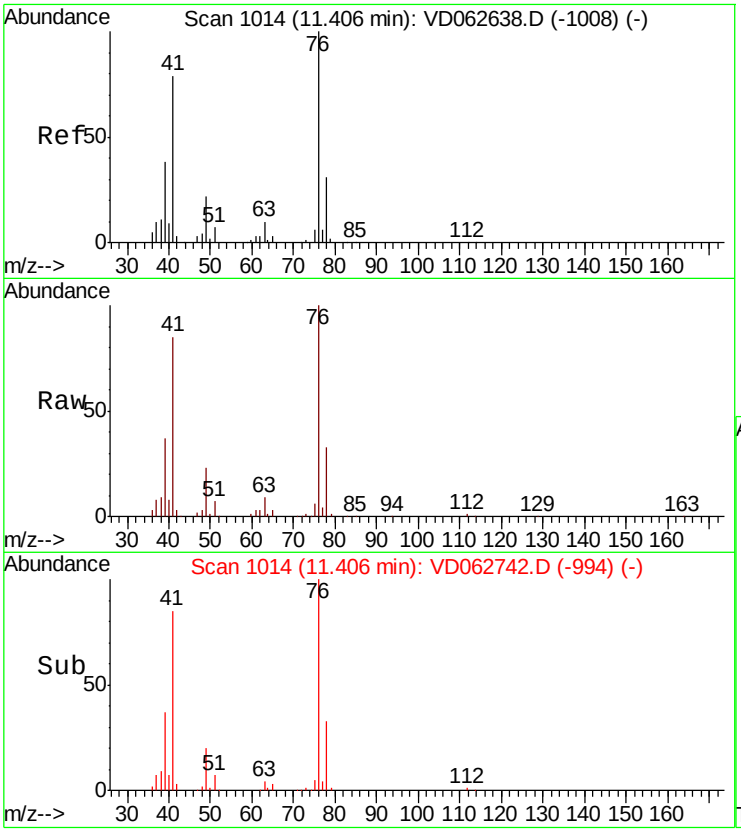


#56
Ethyl methacrylate
Concen: 50.810 ug/l
RT: 11.04 min Scan# 977
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 69 Resp: 296529

Ion	Ratio	Lower	Upper
69	100		
41	85.3	66.2	99.4
39	65.9	53.8	80.8



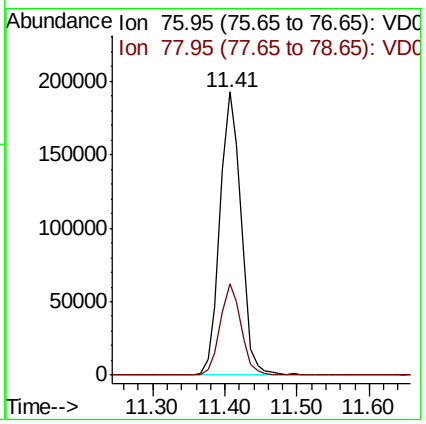


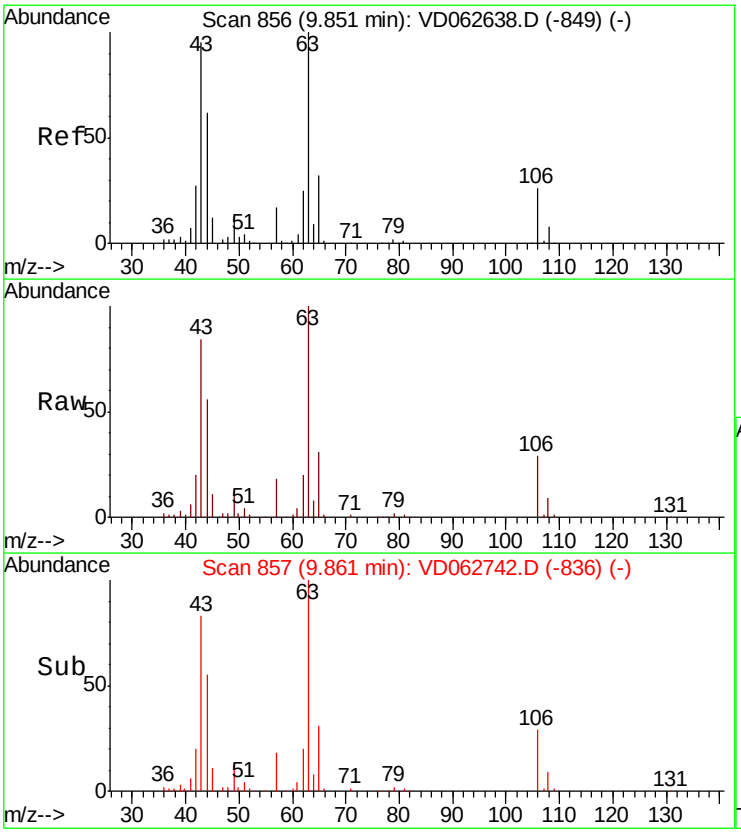
#57
1,3-Dichloropropane
Concen: 52.127 ug/l
RT: 11.41 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 76 Resp: 390801

Ion	Ratio	Lower	Upper
76	100		
78	32.5	24.9	37.3

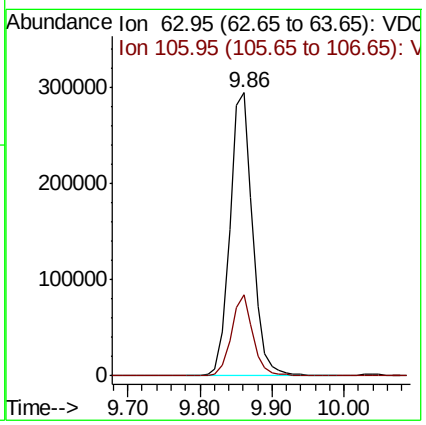


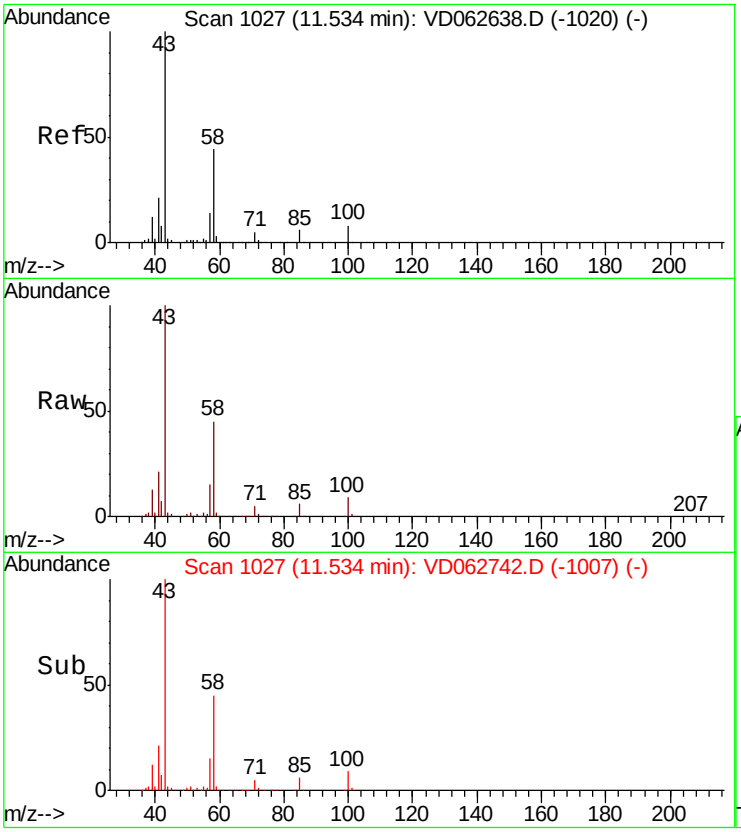


#58
2-Chloroethyl Vinyl ether
Concen: 249.845 ug/l
RT: 9.86 min Scan# 857
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 63 Resp: 645919

Ion	Ratio	Lower	Upper
63	100		
106	28.6	20.5	30.7



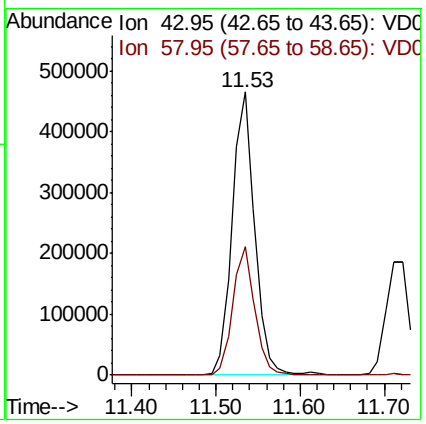


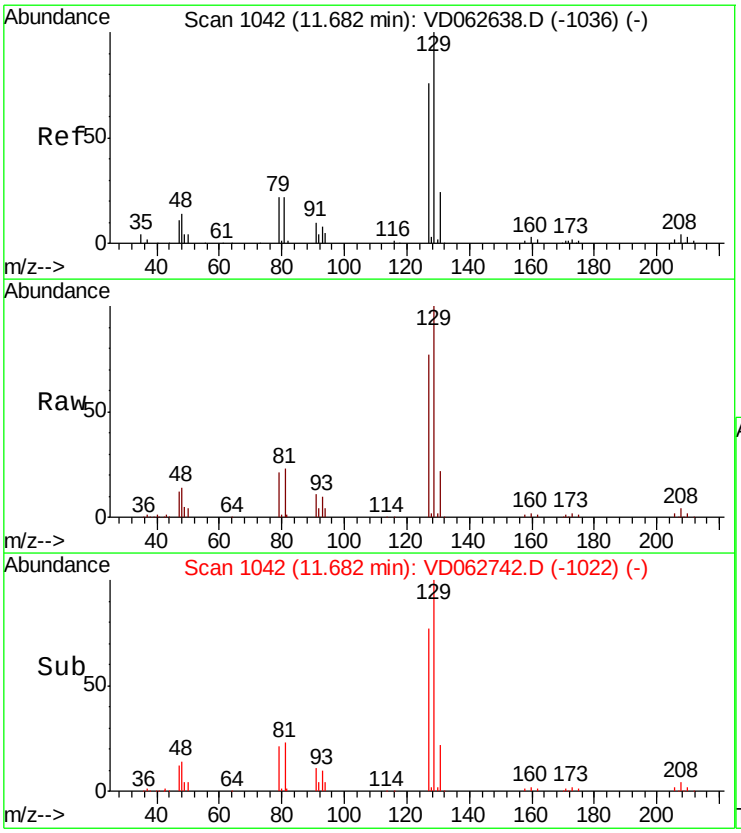
#59
2-Hexanone
Concen: 294.101 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 867848

Ion	Ratio	Lower	Upper
43	100		
58	45.3	21.8	65.4

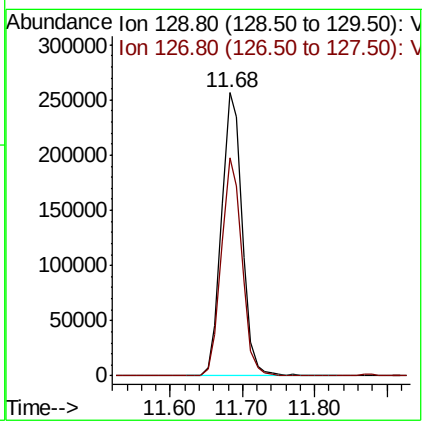


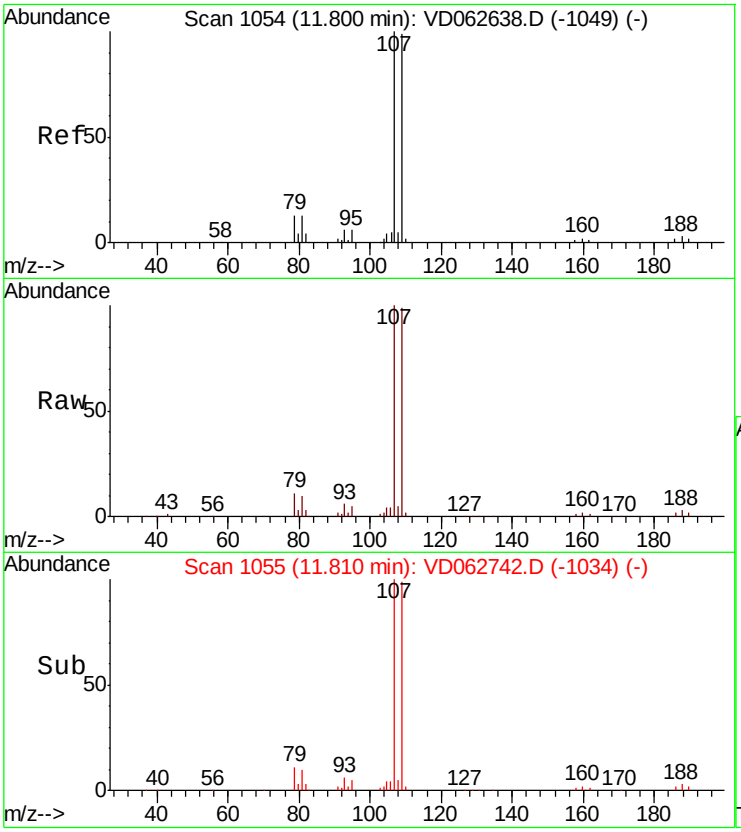


#60
Dibromochloromethane
Concen: 53.151 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:129 Resp: 507507

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.0	114.1



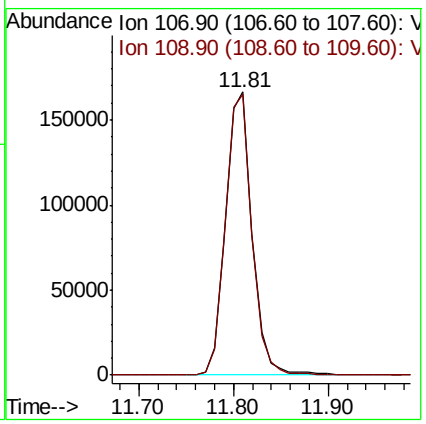


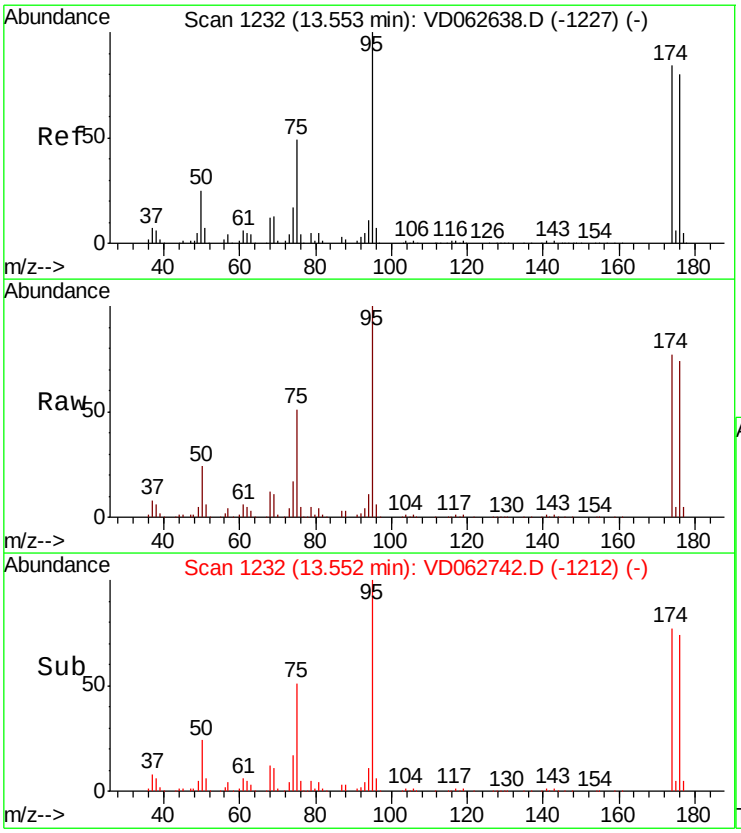
#61
1,2-Dibromoethane
Concen: 55.597 ug/l
RT: 11.81 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:107 Resp: 321857

Ion	Ratio	Lower	Upper
107	100		
109	99.2	79.2	118.8

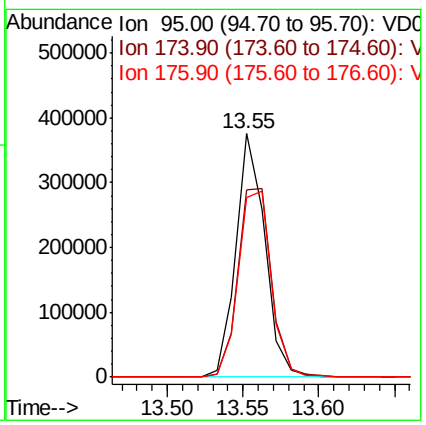


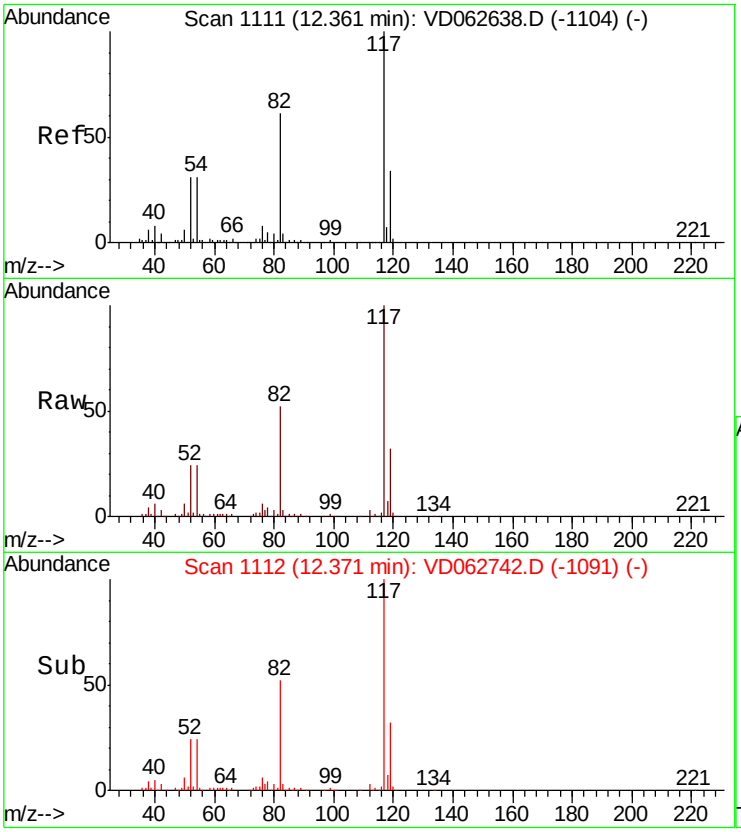


#62
4-Bromofluorobenzene
Concen: 50.998 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 95 Resp: 495550

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	167.0
176	73.9	0.0	159.2



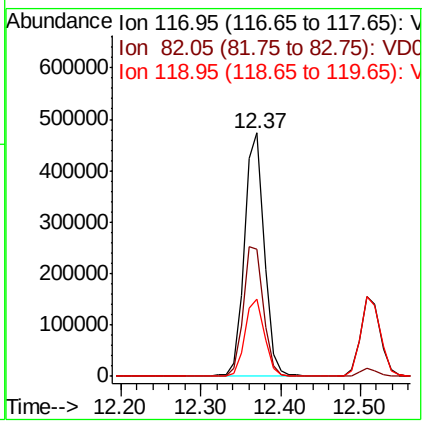


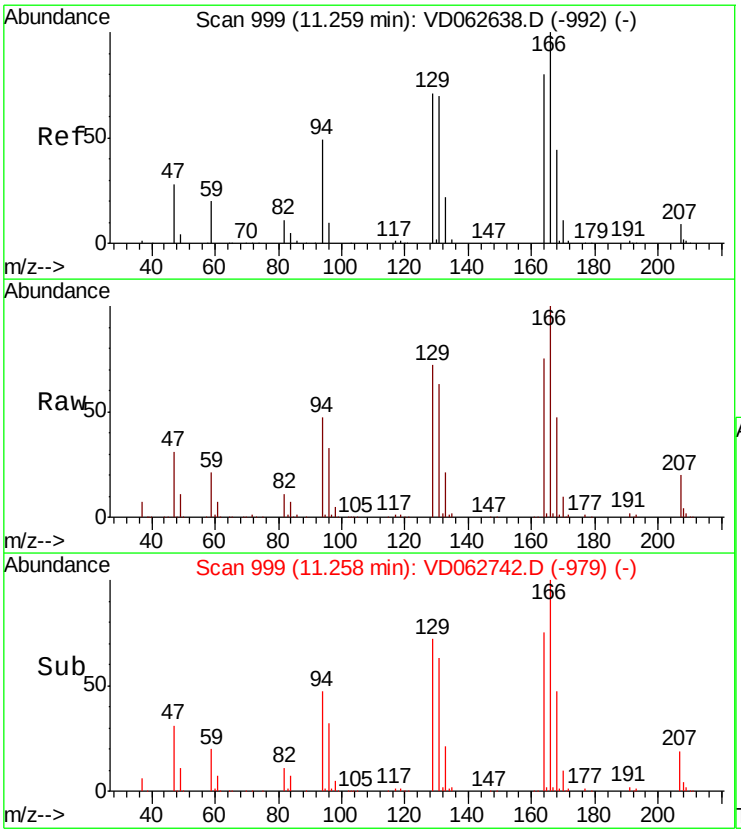
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 803312

Ion	Ratio	Lower	Upper
117	100		
82	52.4	48.7	73.1
119	32.0	27.0	40.6

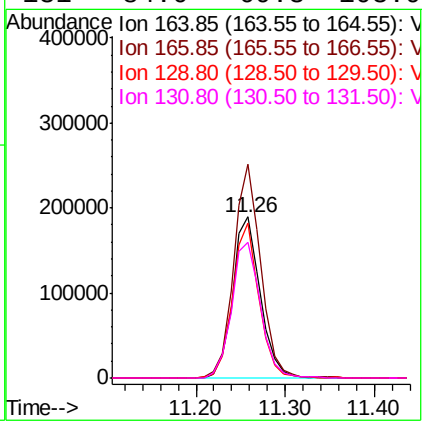


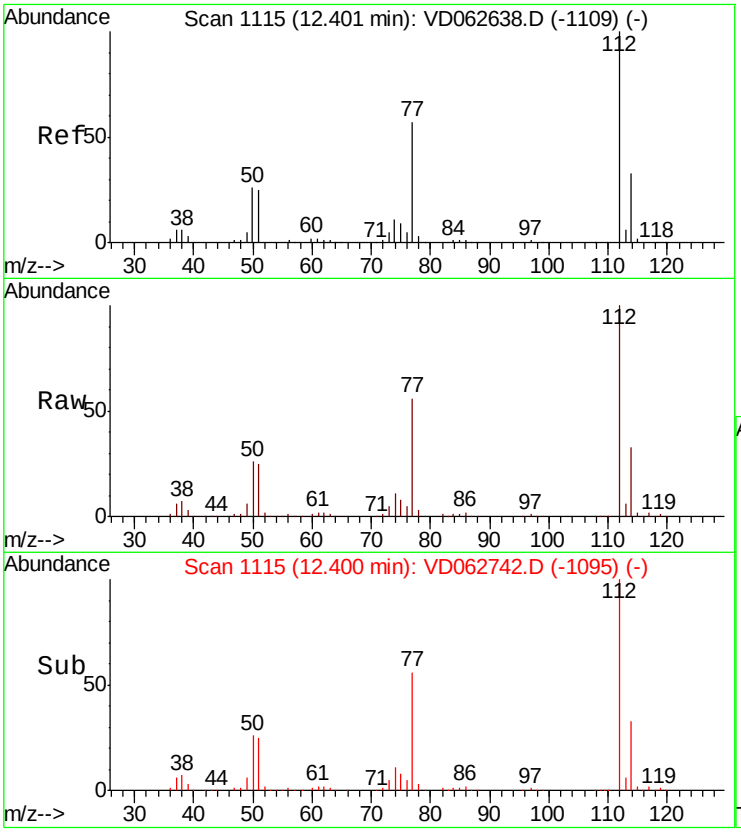


#64
Tetrachloroethene
Concen: 54.273 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:164 Resp: 408126

Ion	Ratio	Lower	Upper
164	100		
166	132.5	99.4	149.2
129	95.9	70.2	105.4
131	84.0	69.3	103.9



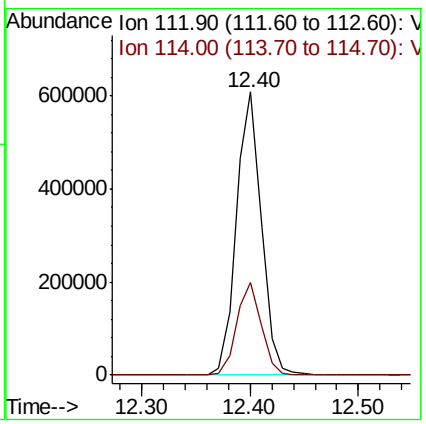


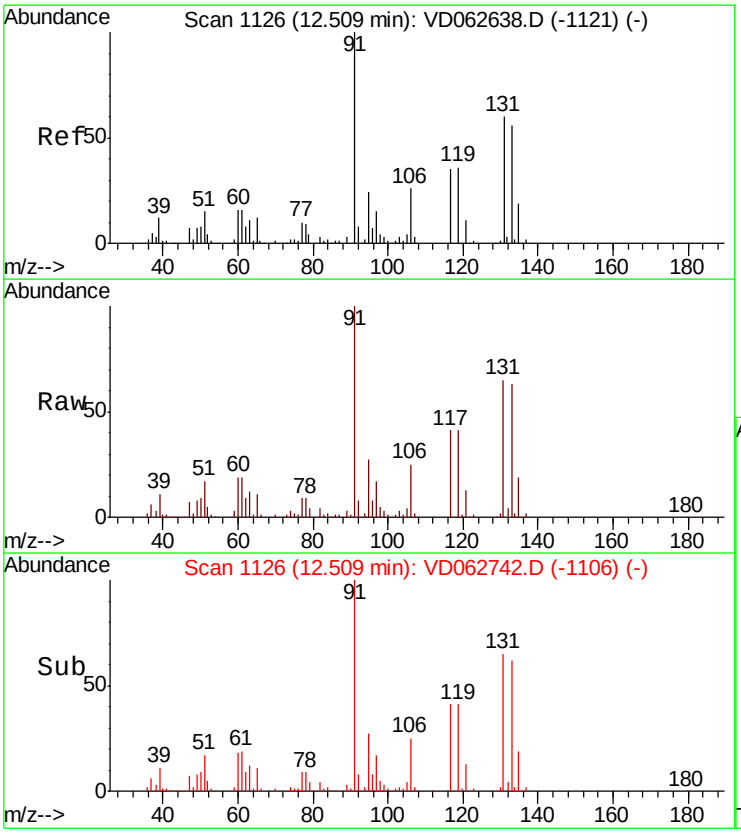
#65
Chlorobenzene
Concen: 54.770 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:112 Resp: 973201

Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.3	39.5

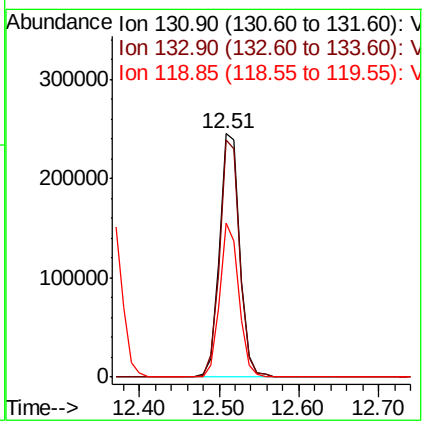


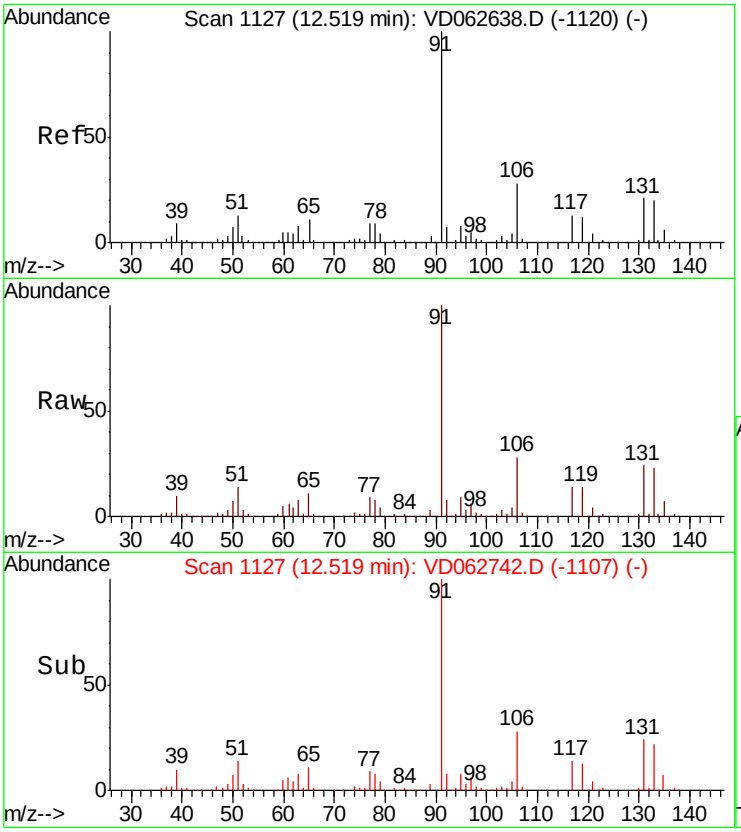


#66
1,1,1,2-Tetrachloroethane
Concen: 51.993 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:131 Resp: 440623

Ion	Ratio	Lower	Upper
131	100		
133	97.2	46.8	140.3
119	63.4	29.9	89.8



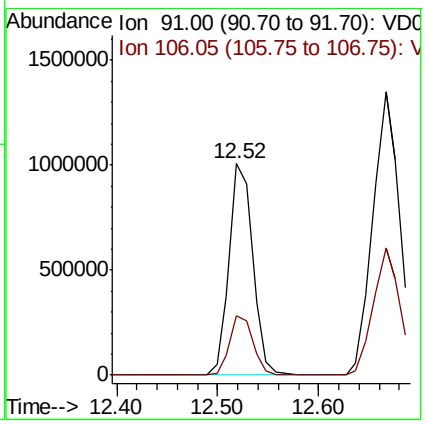


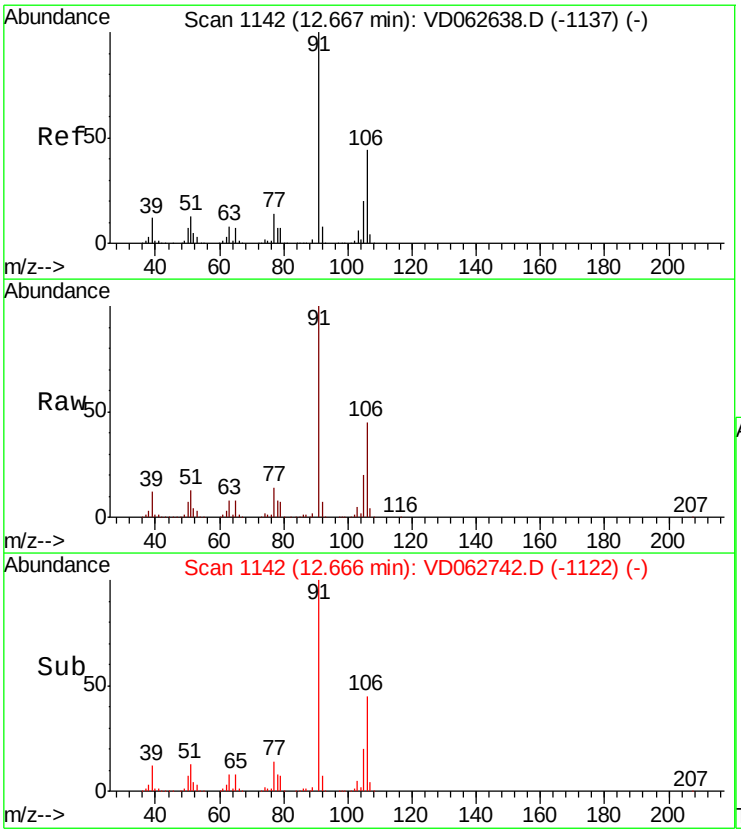
#67
Ethyl Benzene
Concen: 52.234 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1645616

Ion	Ratio	Lower	Upper
91	100		
106	28.0	22.1	33.1

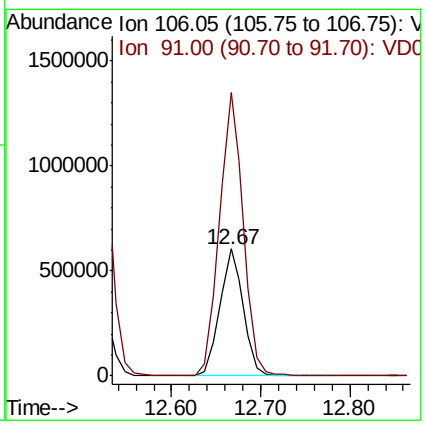


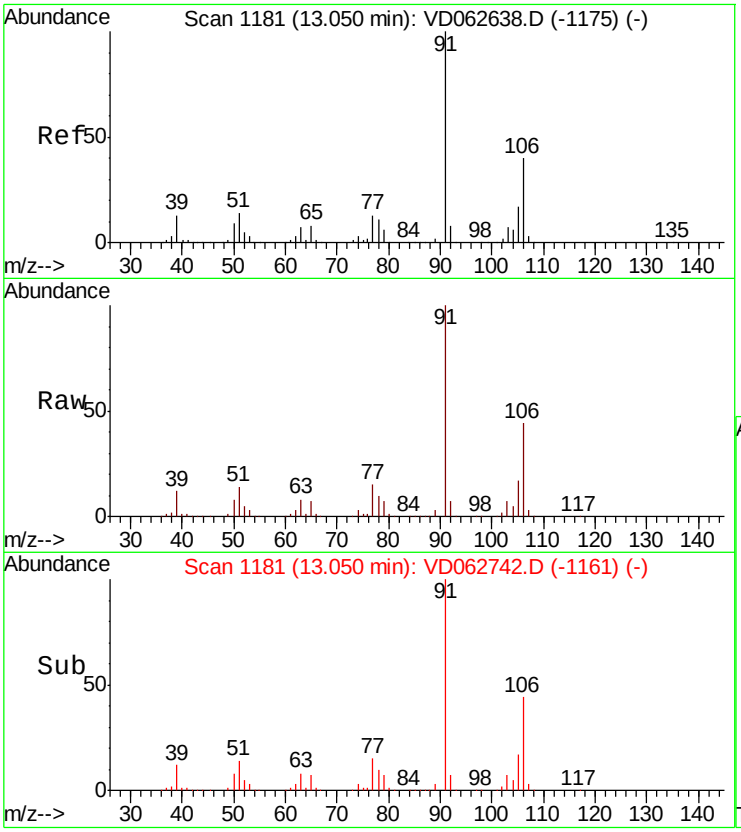


#68
m/p-Xylenes
Concen: 100.932 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:106 Resp: 1117884

Ion	Ratio	Lower	Upper
106	100		
91	223.2	180.2	270.4



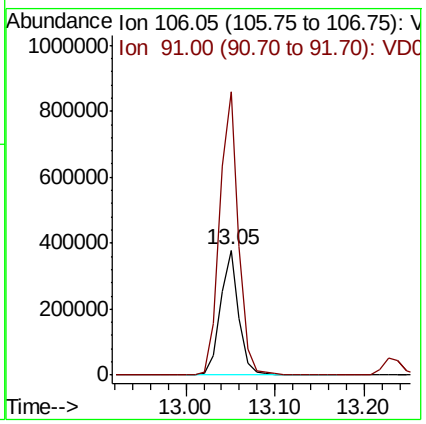


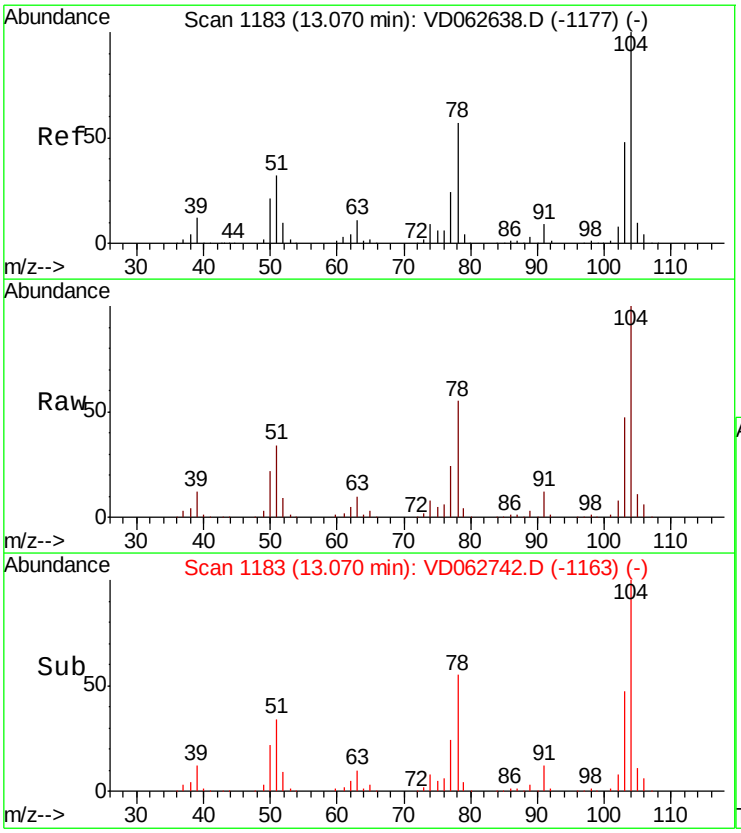
#69
o-Xylene
Concen: 53.777 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 547013

Ion	Ratio	Lower	Upper
106	100		
91	226.0	124.1	372.1

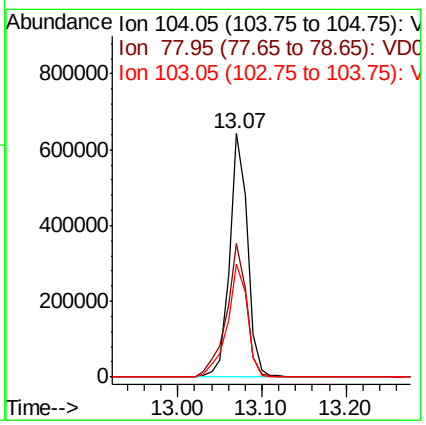


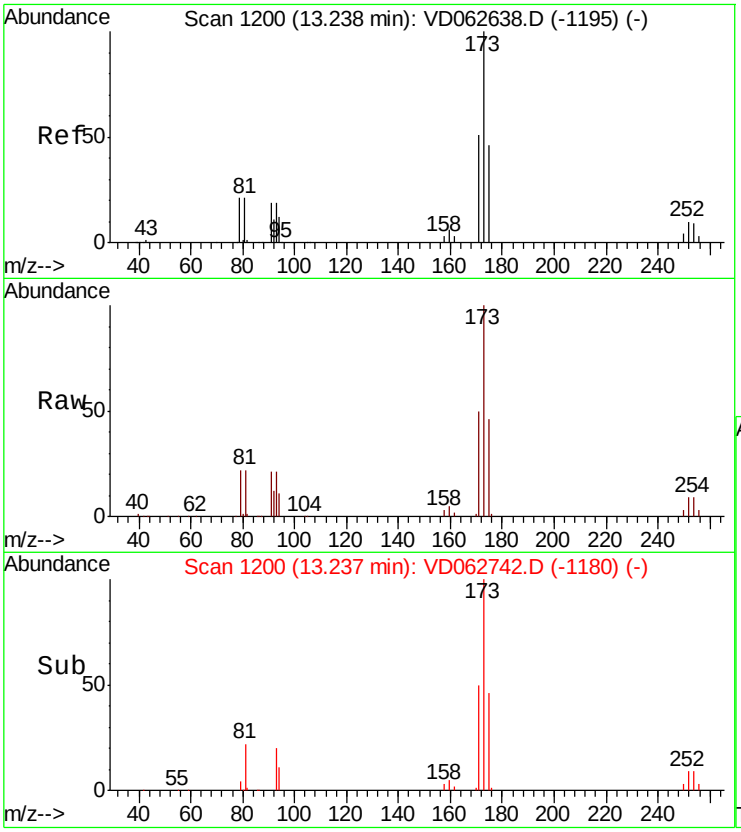


#70
Styrene
Concen: 52.008 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:104 Resp: 943924

Ion	Ratio	Lower	Upper
104	100		
78	54.8	45.9	68.9
103	46.5	38.4	57.6



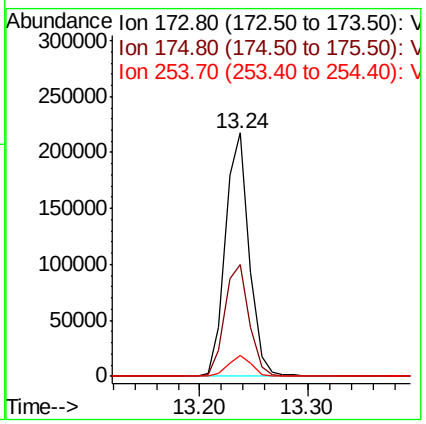


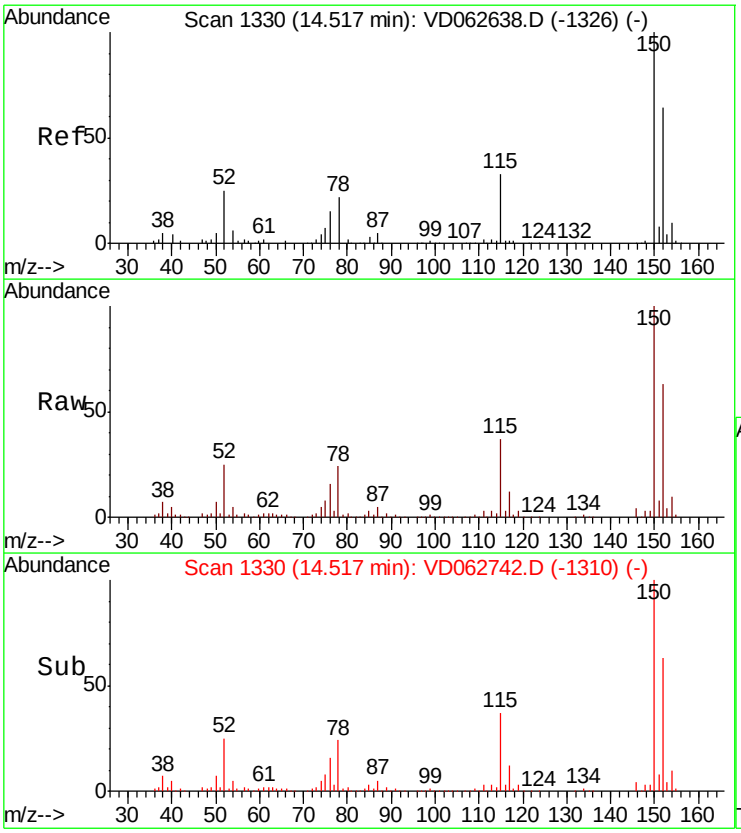
#71
Bromoform
Concen: 50.959 ug/l
RT: 13.24 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 331666

Ion	Ratio	Lower	Upper
173	100		
175	46.0	22.9	68.7
254	8.6	7.0	10.4

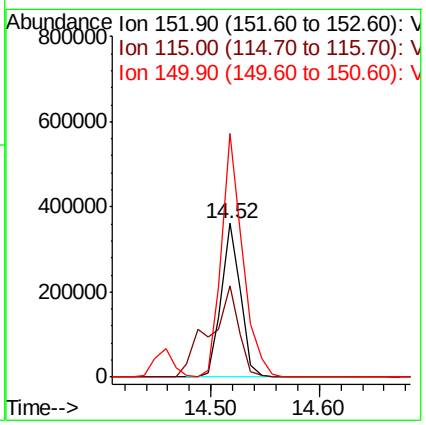


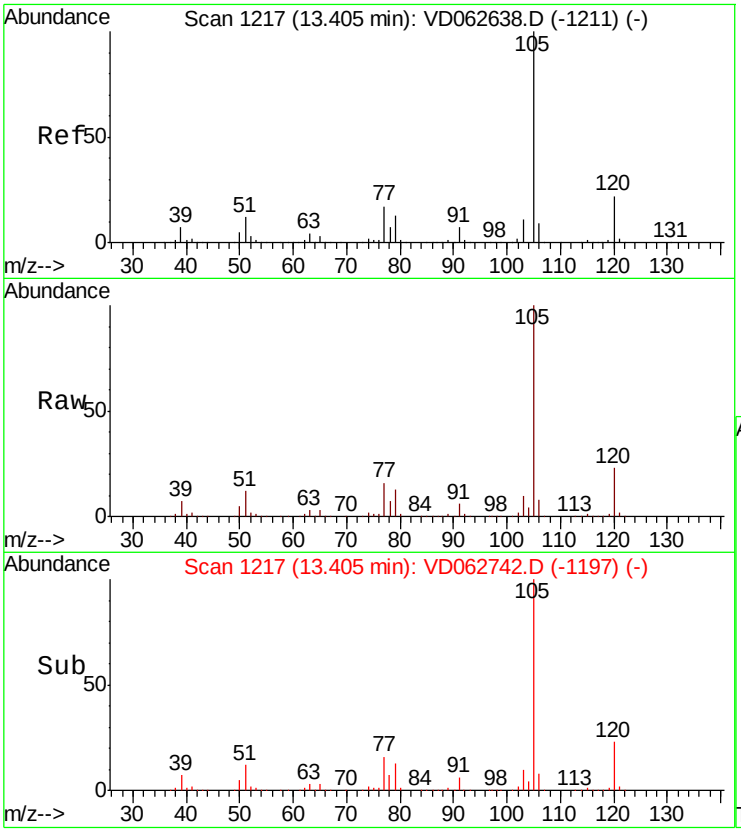


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:152 Resp: 442982

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.1	90.5
150	158.7	0.0	314.0



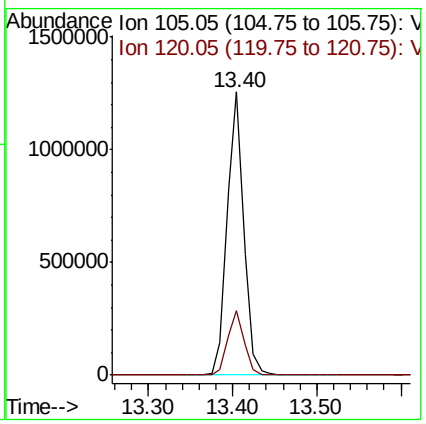


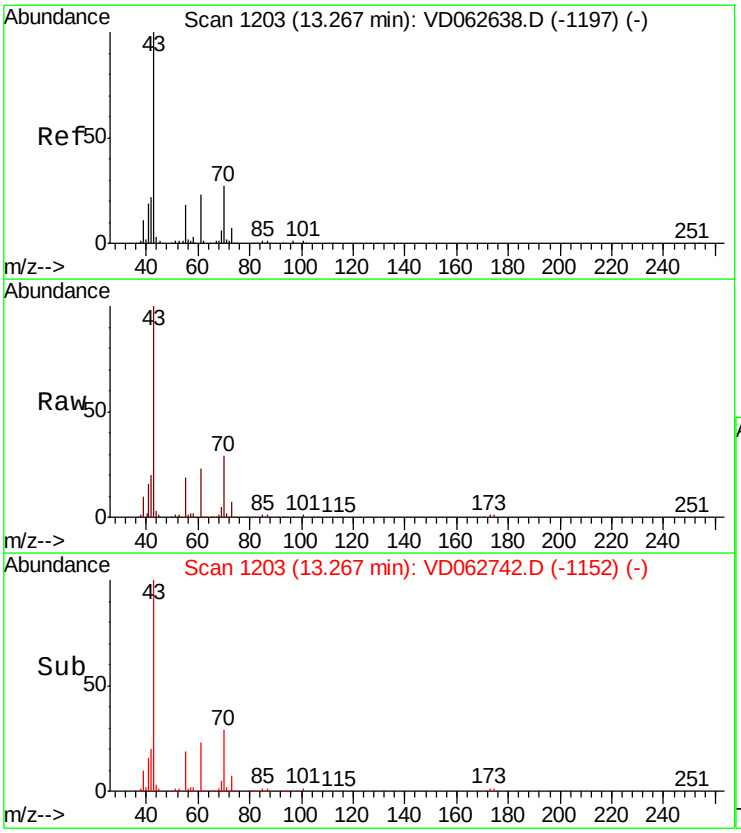
#73
Isopropylbenzene
Concen: 54.849 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1712563

Ion	Ratio	Lower	Upper
105	100		
120	22.8	10.9	32.7

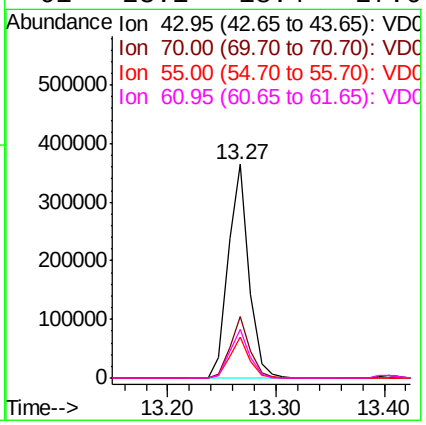


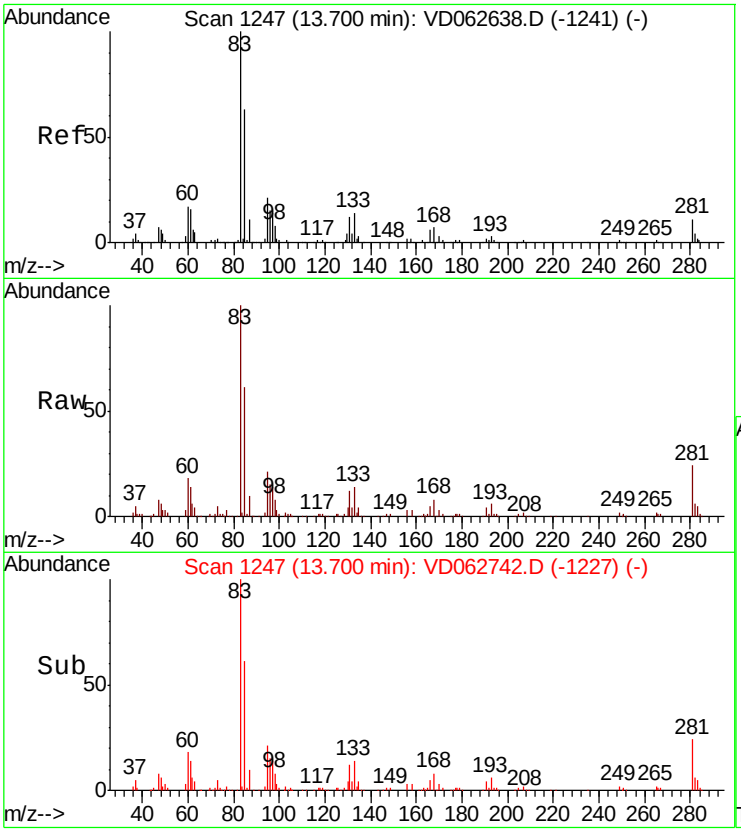


#74
N-amyl acetate
Concen: 57.169 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 43 Resp: 482416

Ion	Ratio	Lower	Upper
43	100		
70	28.9	21.8	32.8
55	19.4	14.6	21.8
61	23.1	18.4	27.6



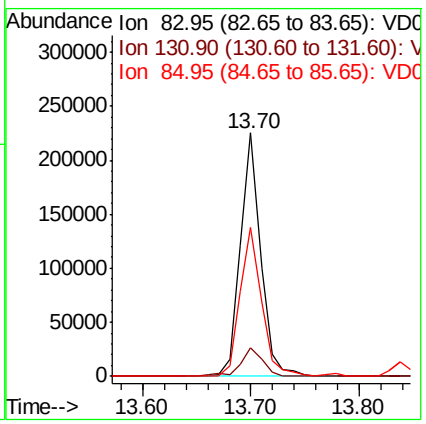


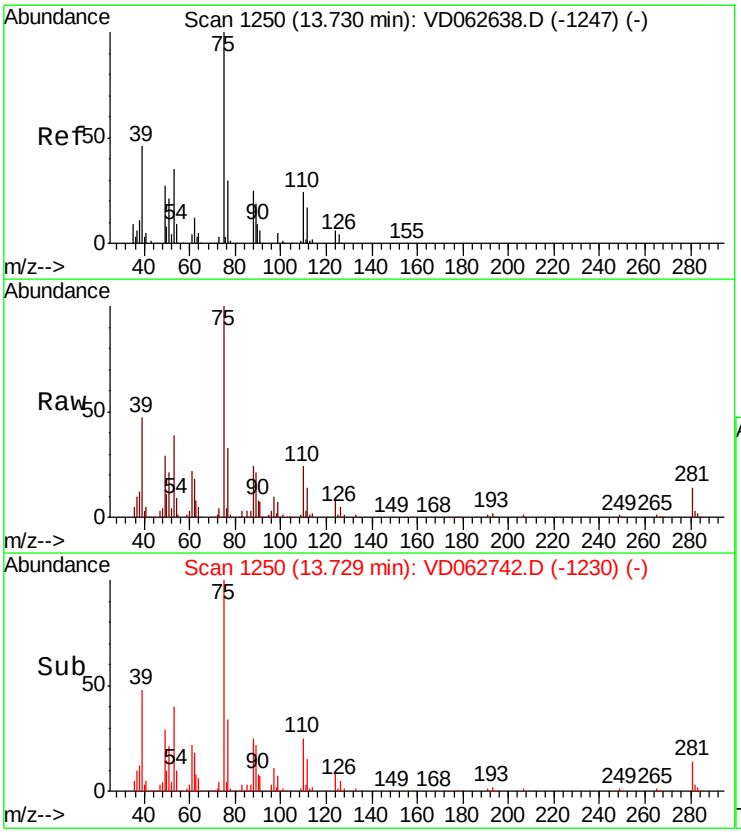
#75
1,1,2,2-Tetrachloroethane
Concen: 55.053 ug/l
RT: 13.70 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 294128

Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.7
85	60.9	31.3	93.9

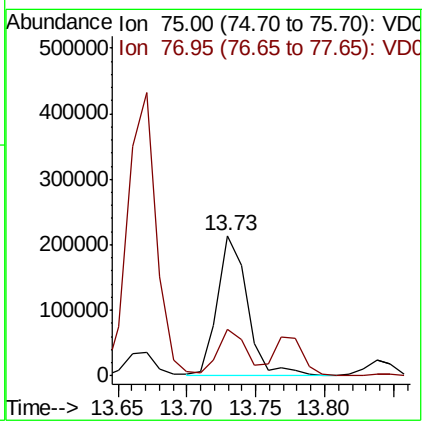


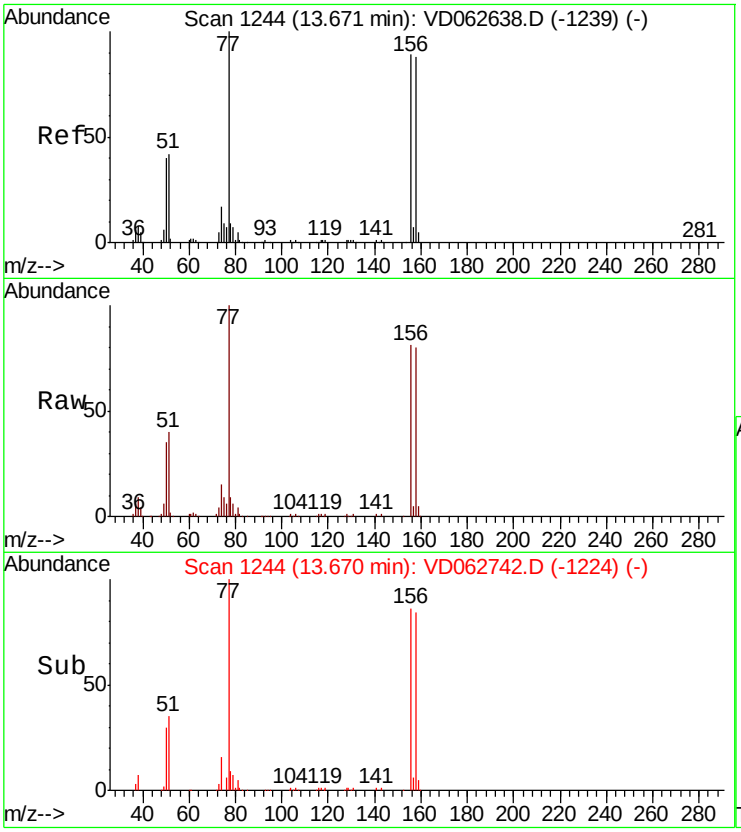


#76
1,2,3-Trichloropropane
Concen: 54.229 ug/l
RT: 13.73 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 75 Resp: 325720

Ion	Ratio	Lower	Upper
75	100		
77	33.0	16.2	48.6



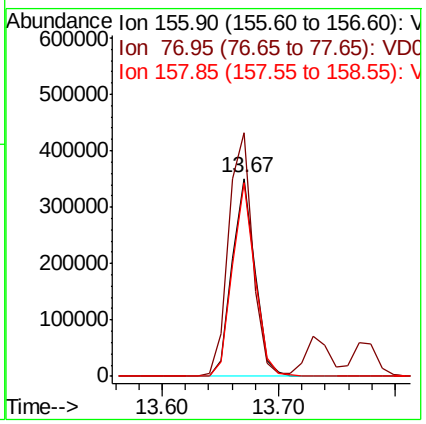


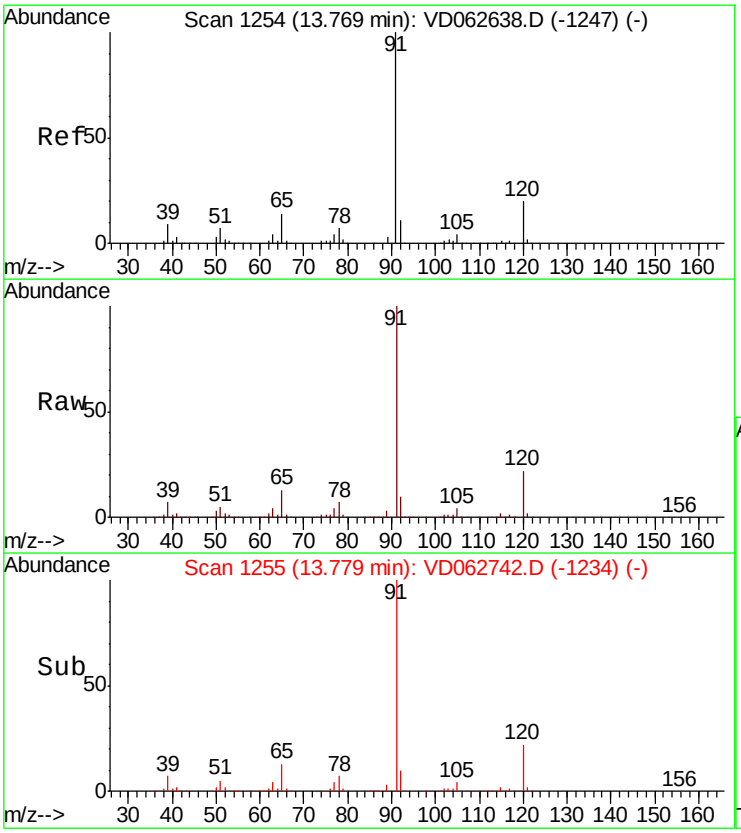
#77
Bromobenzene
Concen: 53.285 ug/l
RT: 13.67 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 475532

Ion	Ratio	Lower	Upper
156	100		
77	123.2	56.3	168.8
158	98.1	49.6	148.8

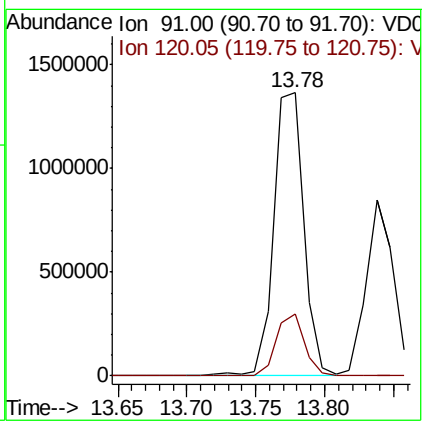


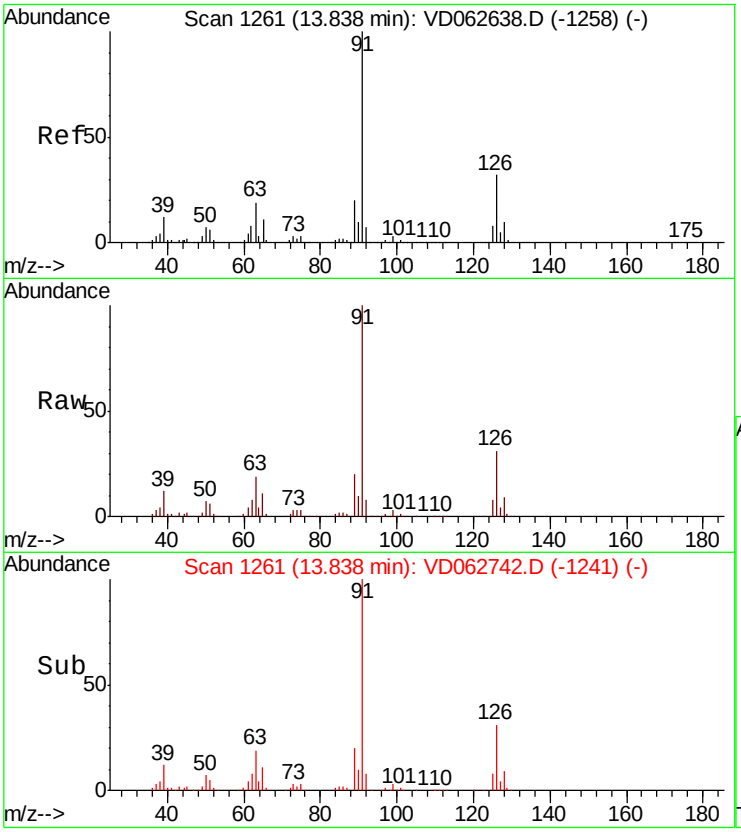


#78
n-propylbenzene
Concen: 53.587 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 91 Resp: 2048055

Ion	Ratio	Lower	Upper
91	100		
120	21.8	9.8	29.5



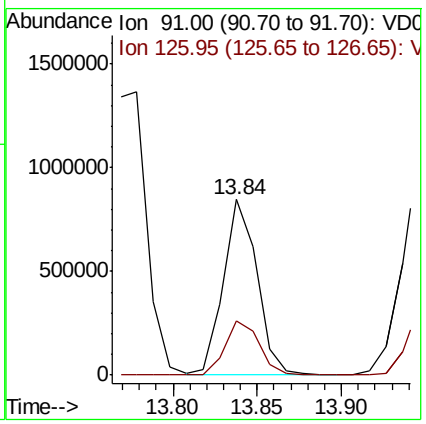


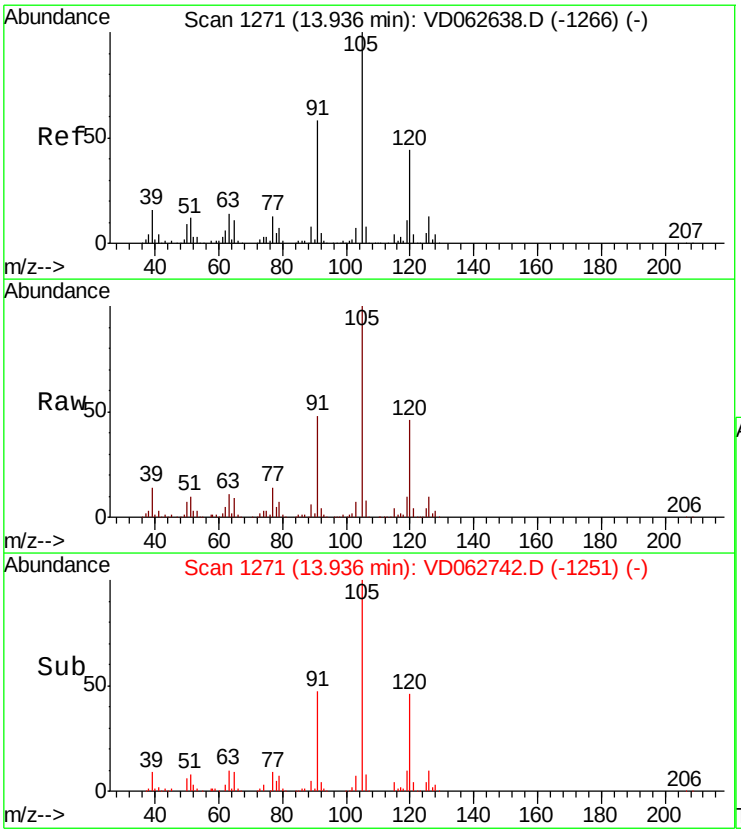
#79
2-Chlorotoluene
Concen: 52.150 ug/l
RT: 13.84 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1167032

Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.8	47.4

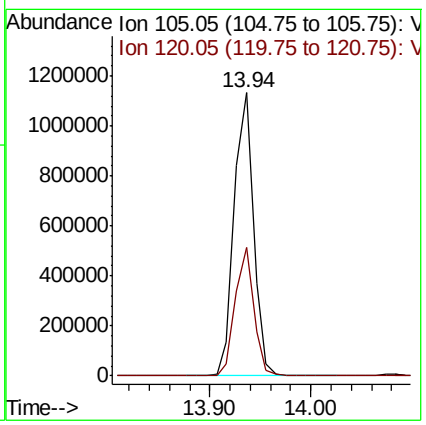


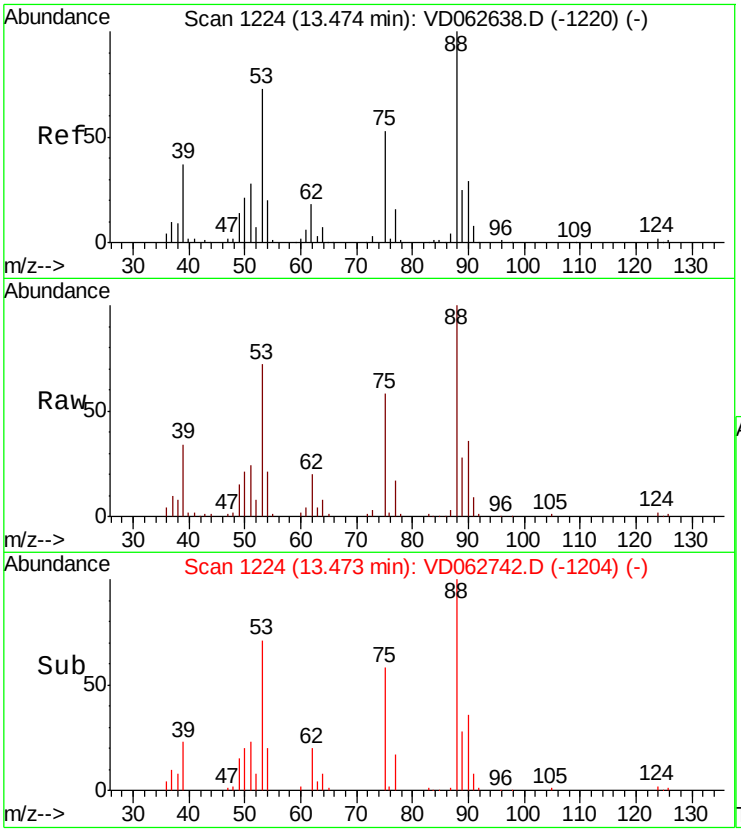


#80
1,3,5-Trimethylbenzene
Concen: 54.408 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:105 Resp: 1501388

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.5



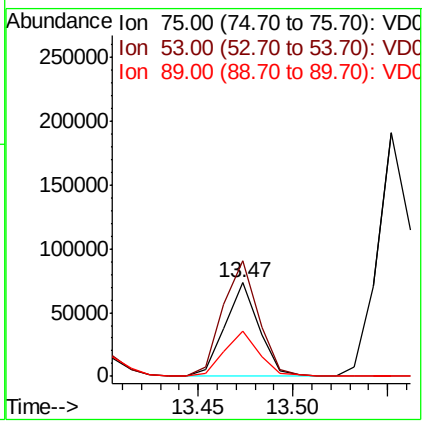


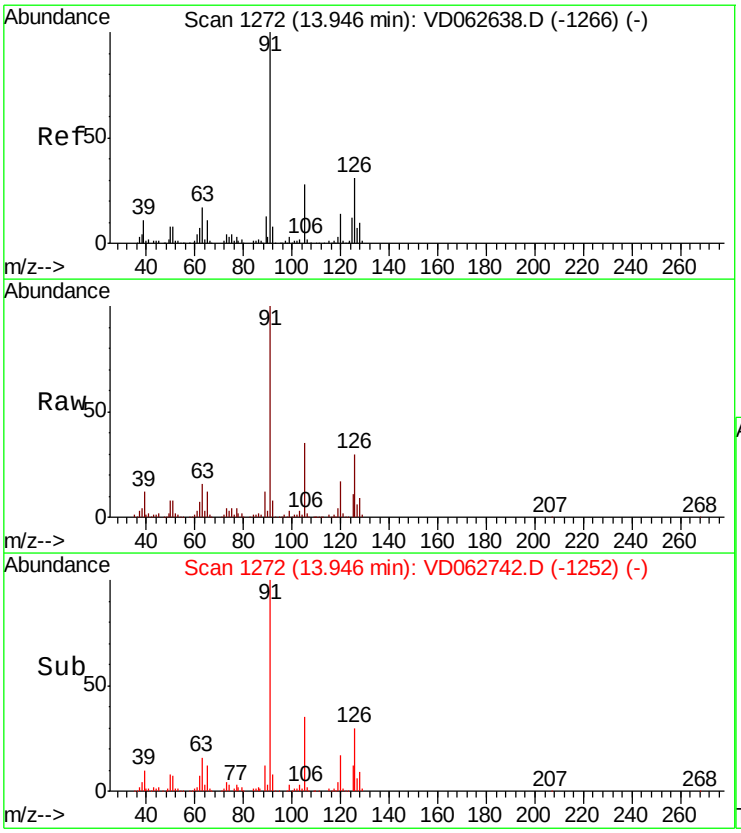
#81
trans-1,4-Dichloro-2-butene
Concen: 51.447 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 91858

Ion	Ratio	Lower	Upper
75	100		
53	124.0	109.4	164.2
89	49.0	37.0	55.6

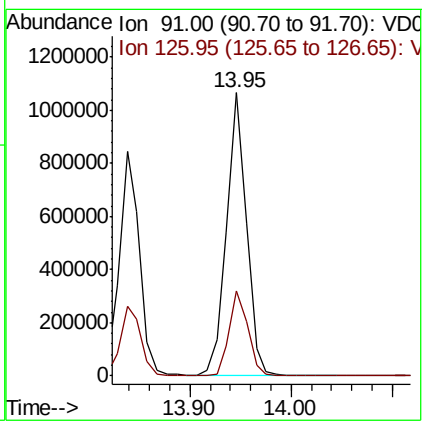


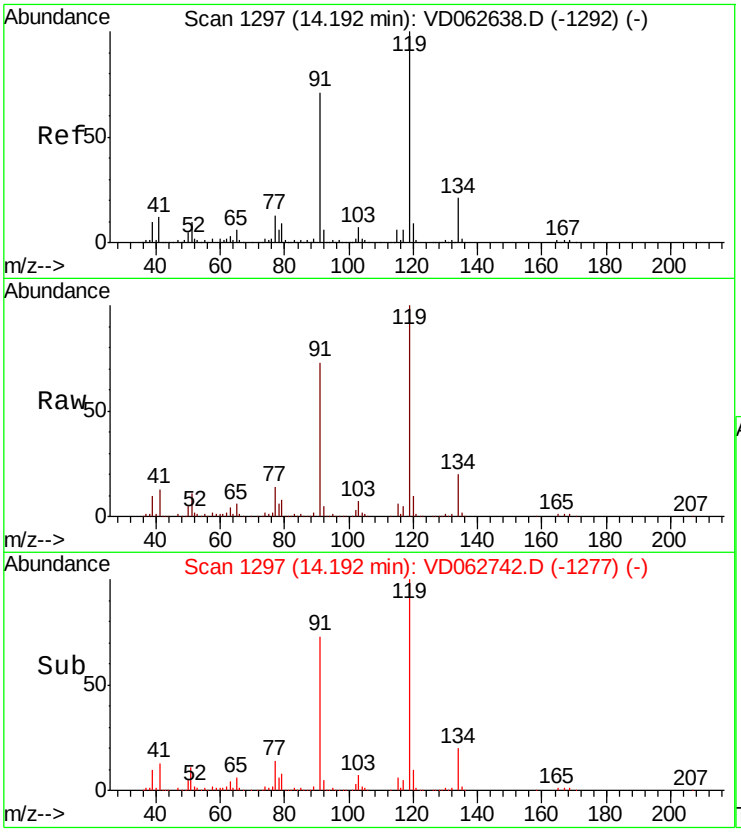


#82
4-Chlorotoluene
Concen: 54.319 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 91 Resp: 1453677

Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.6	46.8



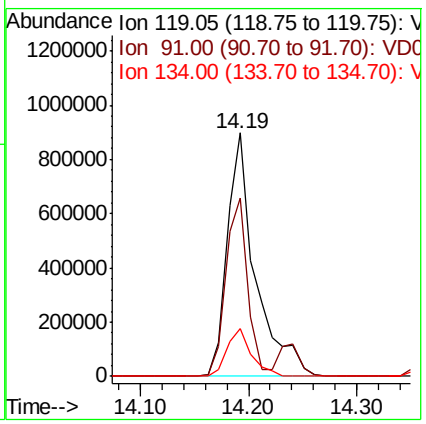


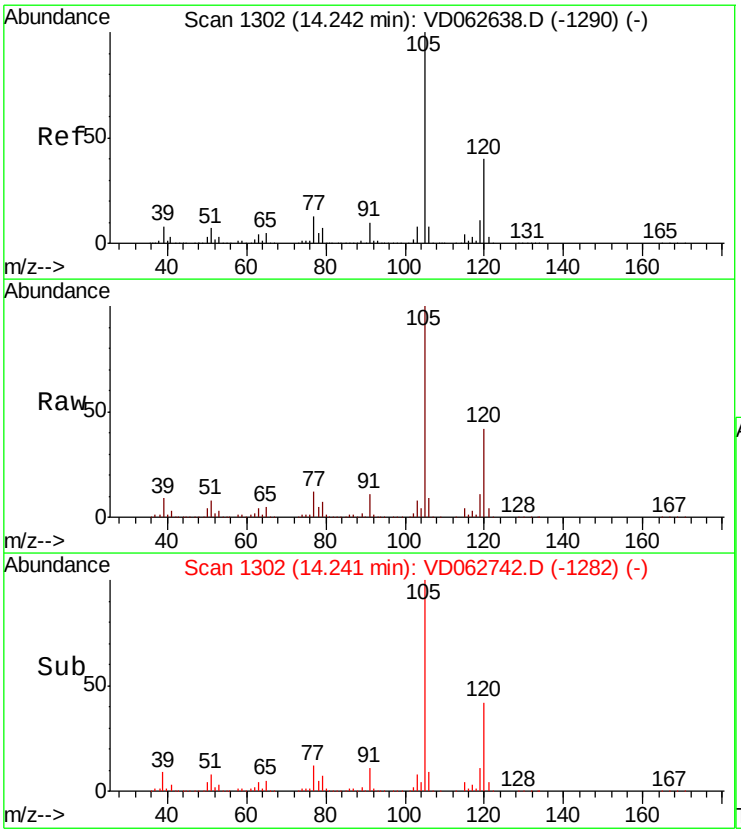
#83
tert-Butylbenzene
Concen: 53.496 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 1628212

Ion	Ratio	Lower	Upper
119	100		
91	73.0	35.4	106.1
134	19.8	10.8	32.3

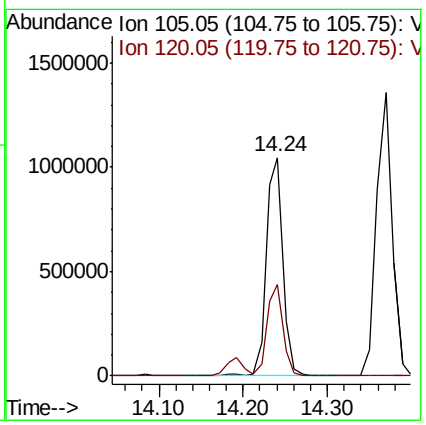


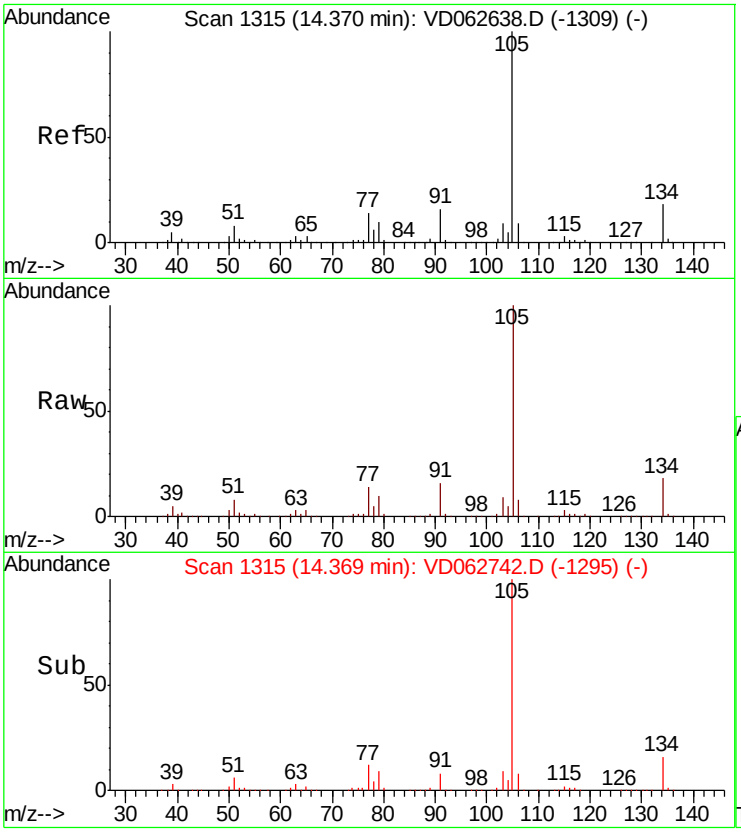


#84
1,2,4-Trimethylbenzene
Concen: 53.350 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:105 Resp: 1457652

Ion	Ratio	Lower	Upper
105	100		
120	42.1	20.3	60.8



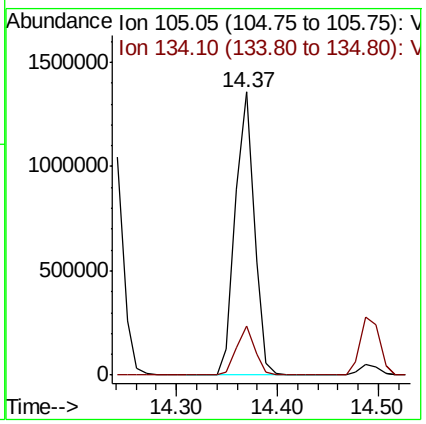


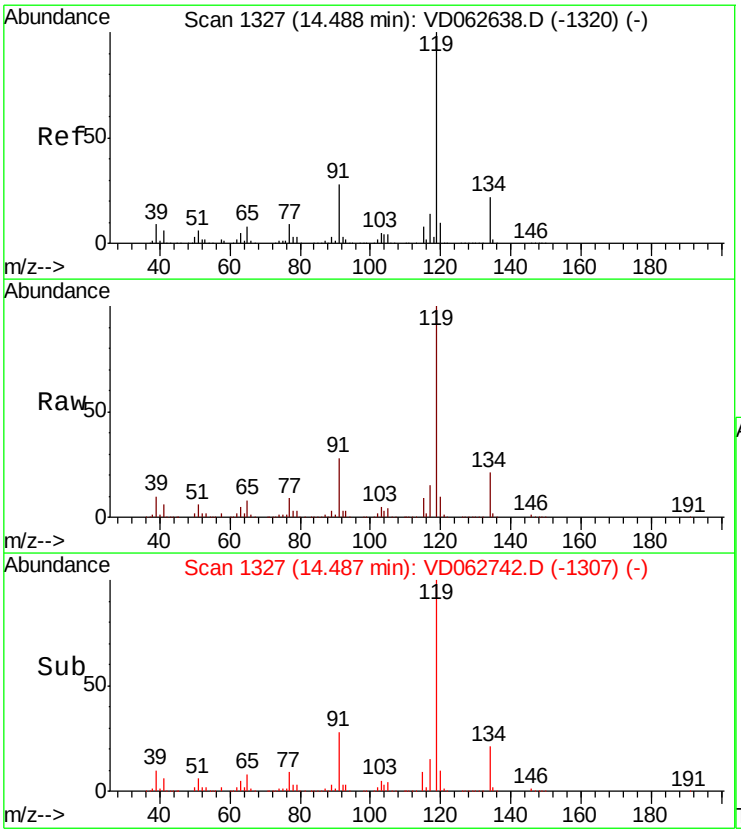
#85
sec-Butylbenzene
Concen: 55.589 ug/l
RT: 14.37 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1774145

Ion	Ratio	Lower	Upper
105	100		
134	17.5	8.8	26.2

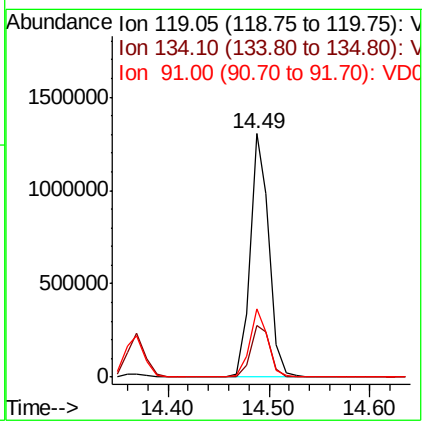


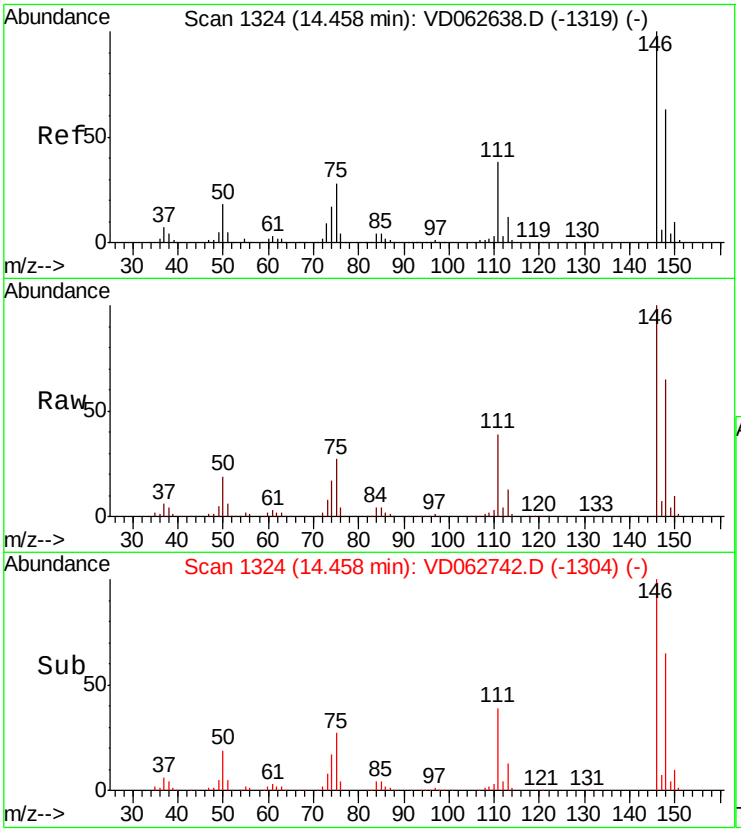


#86
p-Isopropyltoluene
Concen: 54.183 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:119 Resp: 1683658

Ion	Ratio	Lower	Upper
119	100		
134	21.3	10.9	32.6
91	28.2	13.9	41.6



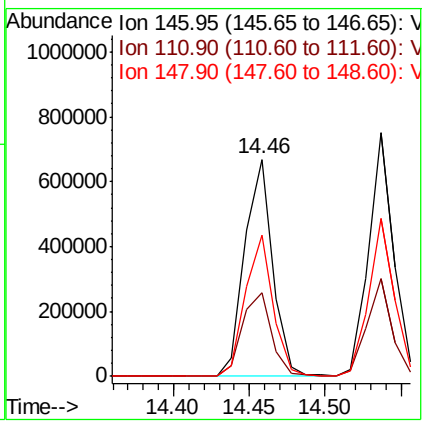


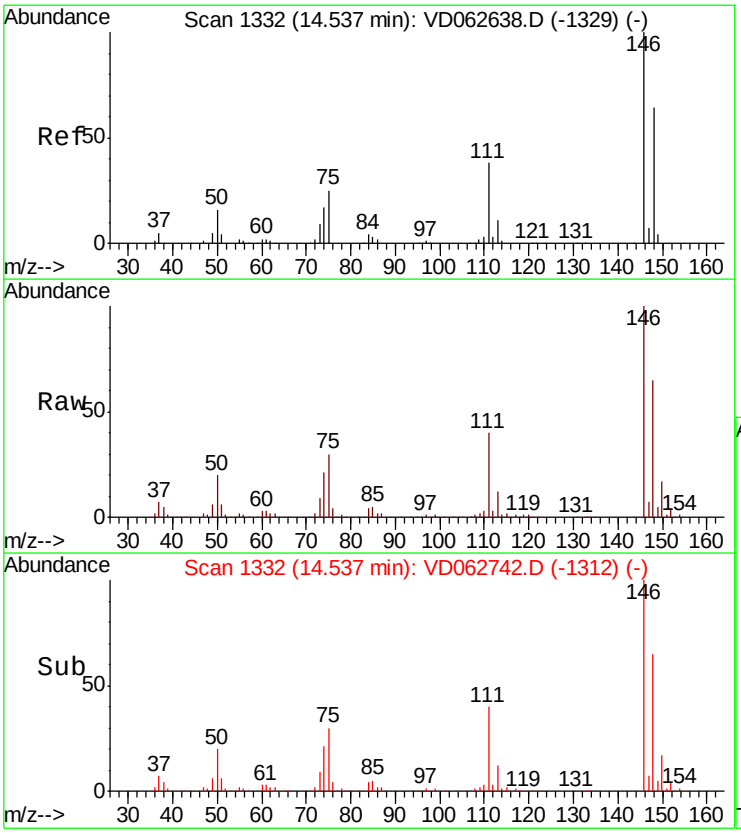
#87
1,3-Dichlorobenzene
Concen: 53.282 ug/l
RT: 14.46 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 861408

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	64.8	31.6	95.0

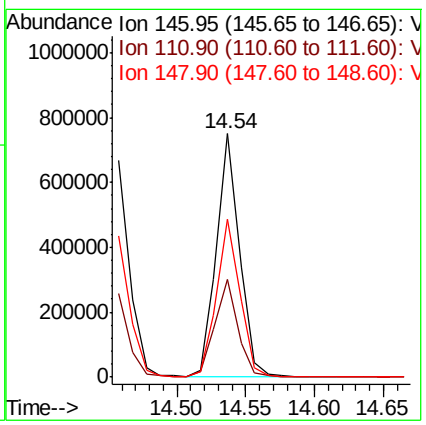


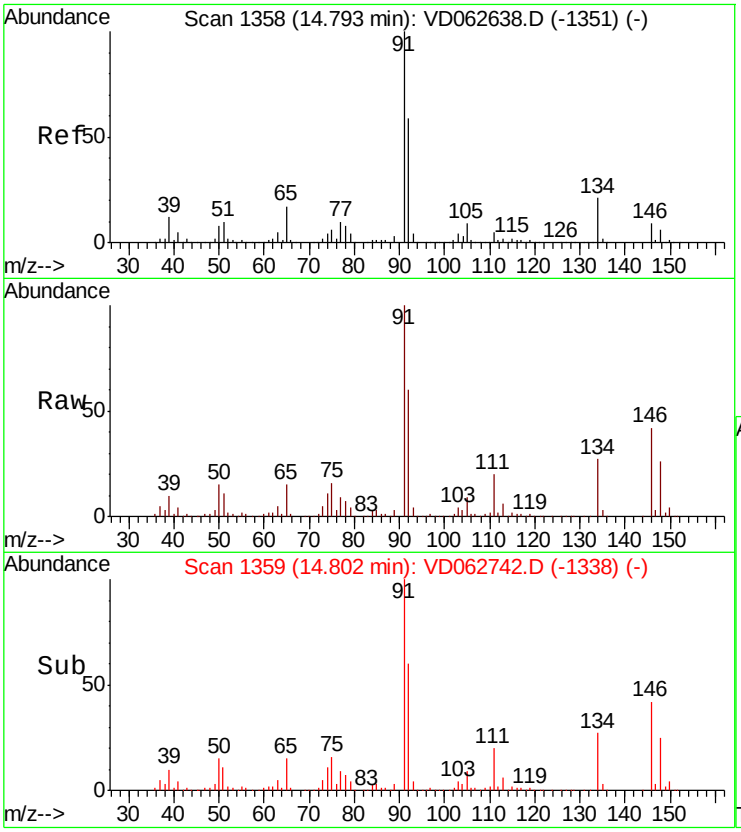


#88
1,4-Dichlorobenzene
Concen: 56.803 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:146 Resp: 867885

Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.7
148	65.0	32.3	96.8



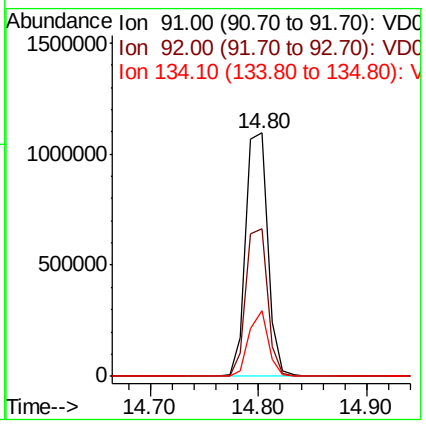


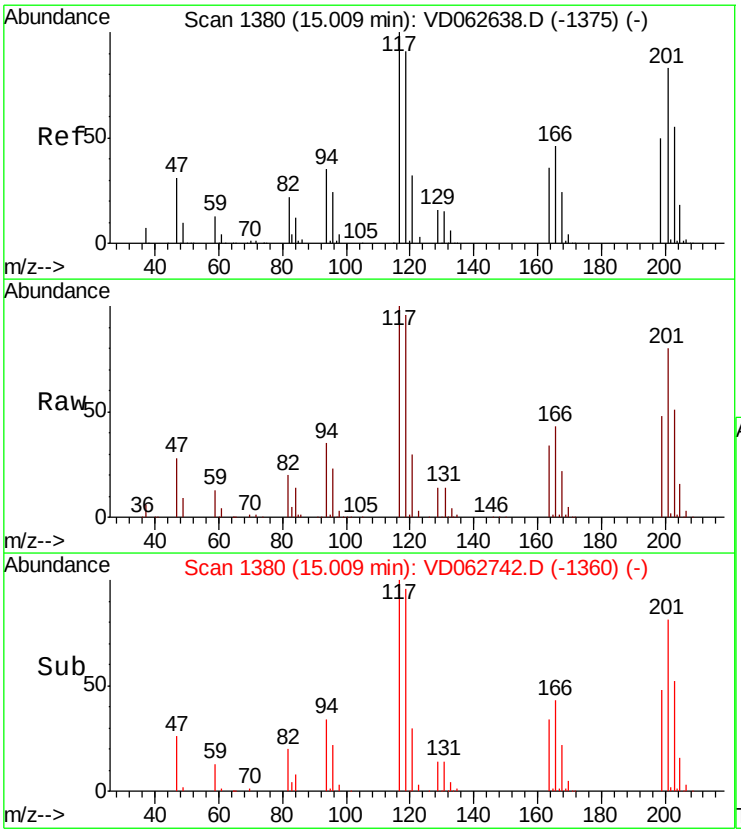
#89
n-Butylbenzene
Concen: 55.389 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 1548378

Ion	Ratio	Lower	Upper
91	100		
92	60.4	29.4	88.3
134	27.2	10.4	31.2

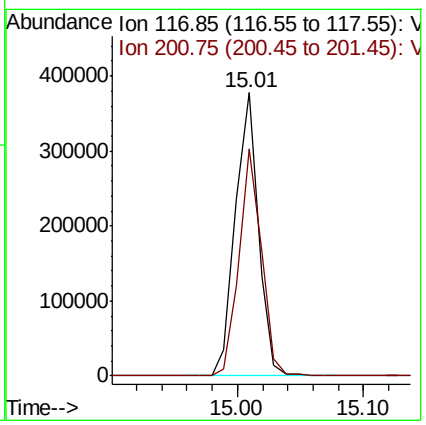


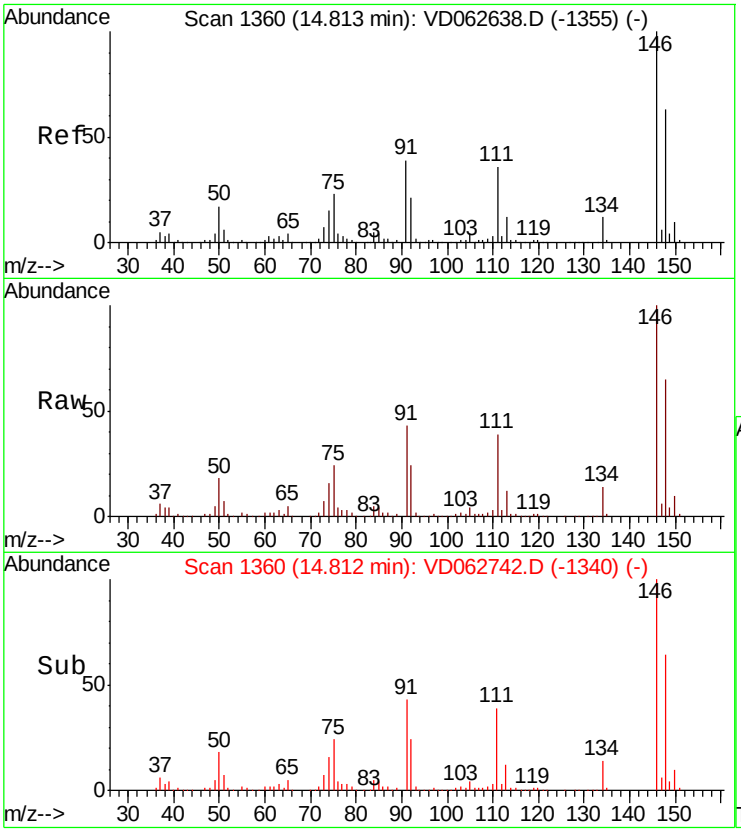


#90
Hexachloroethane
Concen: 57.774 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:117 Resp: 473942

Ion	Ratio	Lower	Upper
117	100		
201	80.3	41.5	124.6



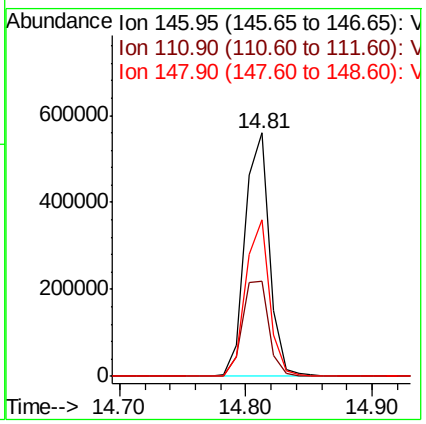


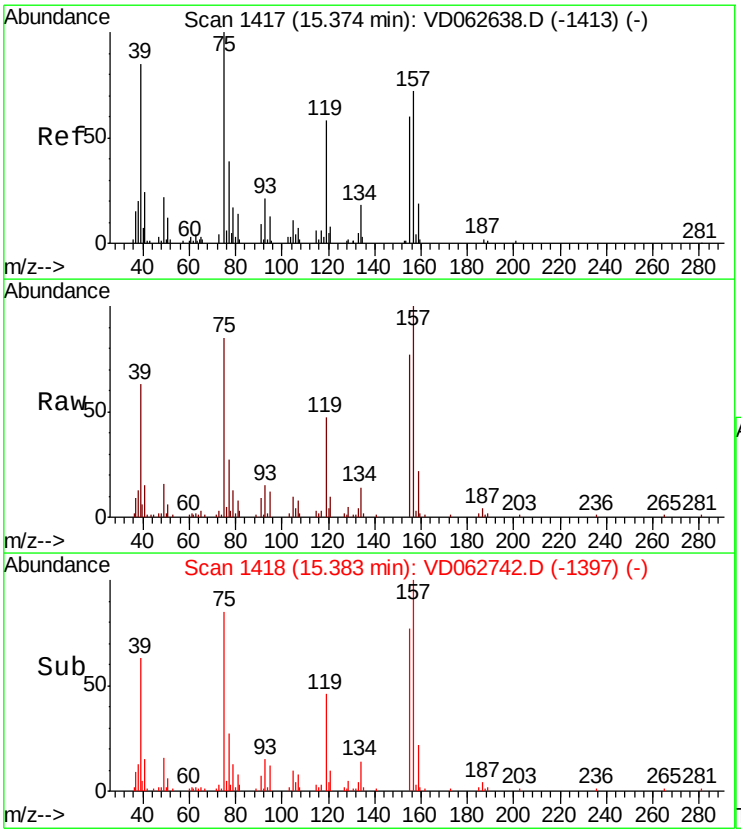
#91
1,2-Dichlorobenzene
Concen: 55.966 ug/l
RT: 14.81 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 752123

Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.1	54.3
148	64.5	31.4	94.0

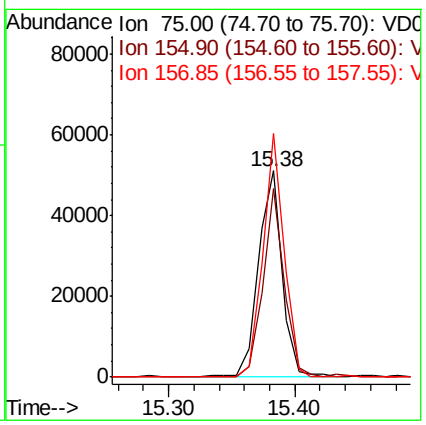


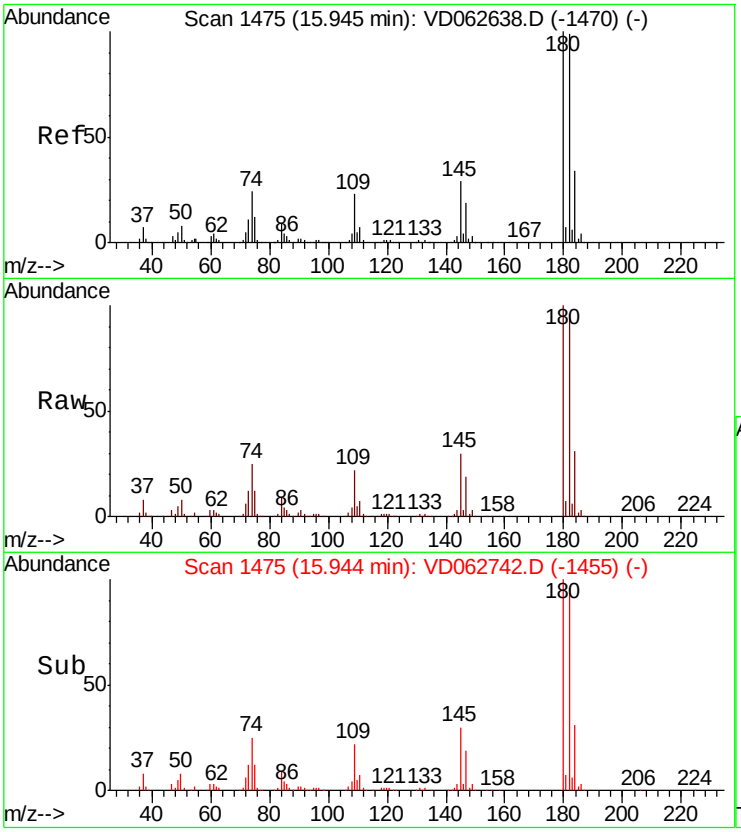


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.690 ug/l
RT: 15.38 min Scan# 1418
Delta R.T. 0.01 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion: 75 Resp: 66976

Ion	Ratio	Lower	Upper
75	100		
155	91.4	30.1	90.5#
157	118.3	35.9	107.8#



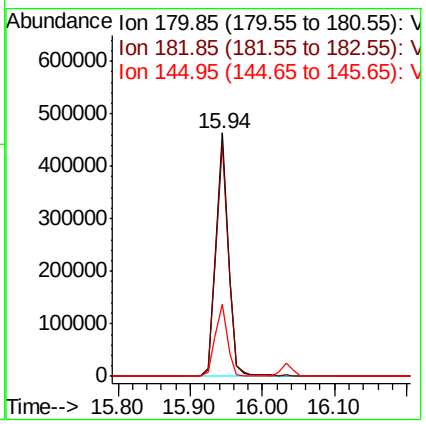


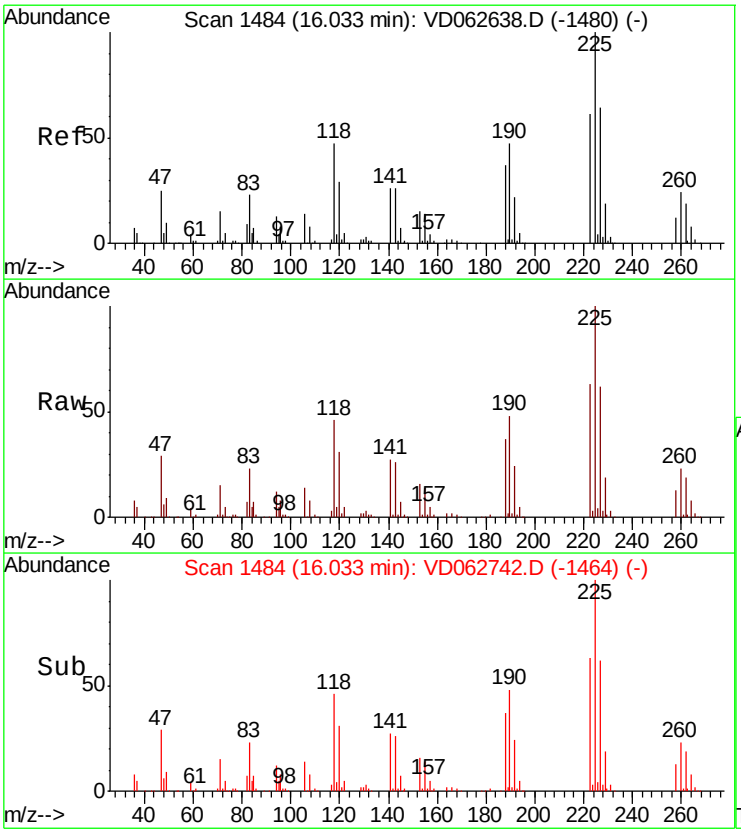
#93
1,2,4-Trichlorobenzene
Concen: 47.722 ug/l
RT: 15.94 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 542056

Ion	Ratio	Lower	Upper
180	100		
182	95.9	49.4	148.2
145	29.6	14.5	43.6

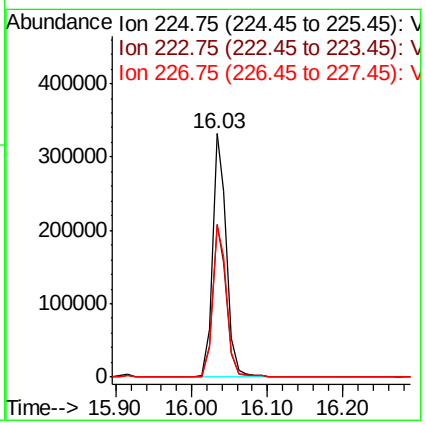


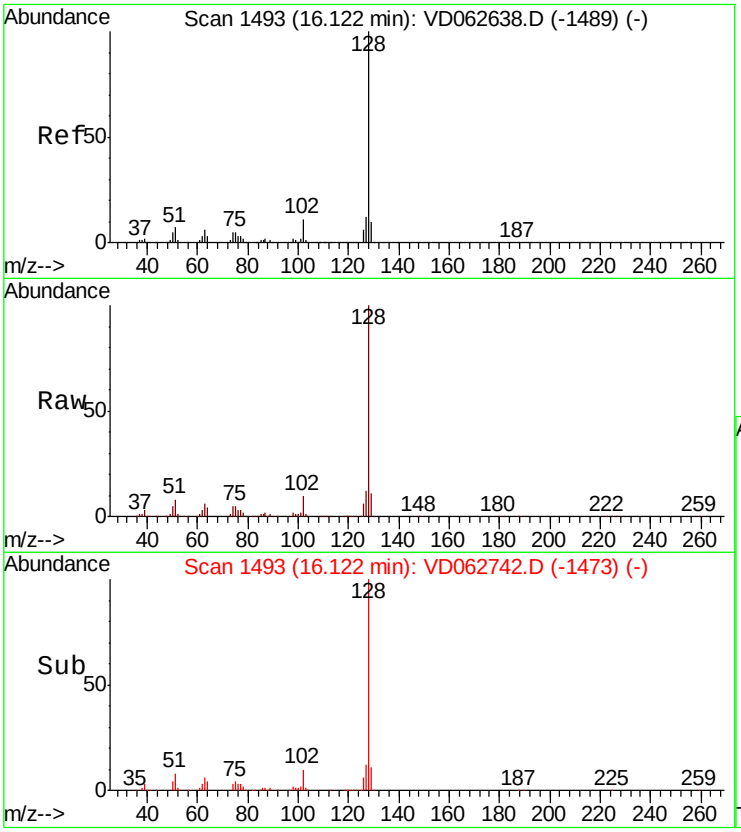


#94
Hexachlorobutadiene
Concen: 54.538 ug/l
RT: 16.03 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:225 Resp: 432734

Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.3	91.0
227	62.4	31.8	95.4



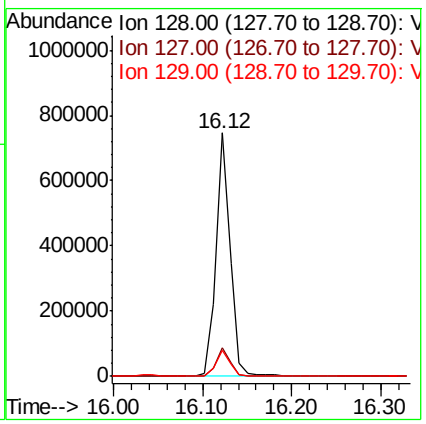


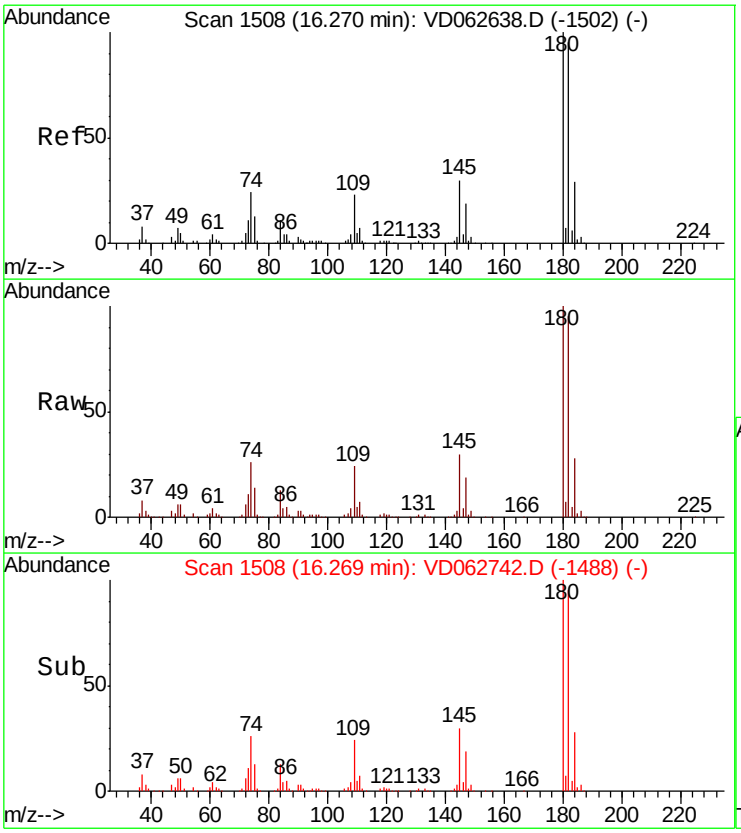
#95
Naphthalene
Concen: 51.353 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Instrument :
MSVOA_D
ClientSampleId :

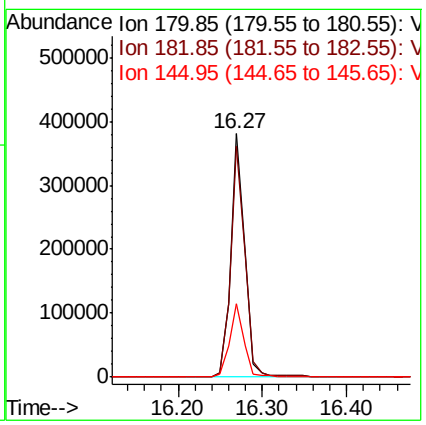
Tgt Ion:128 Resp: 827039

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.7	14.5
129	10.6	8.1	12.1





#96
1,2,3-Trichlorobenzene
Concen: 56.381 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062742.D
Acq: 18 Jun 2019 11:35

Tgt Ion:180 Resp: 436433

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	30.1	15.0	45.0