Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
Data File : VD064774.D
Acq On : 06 Jan 2020 15:44
Operator : VA/SY
Sample : L1008-01
Misc : 6.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jan 07 00:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	7076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	10734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	9524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	3619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	4099	65.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 131.38%			
35) Dibromofluoromethane	7.92	113	3100	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.14%			
50) Toluene-d8	10.34	98	10893	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.38%			
62) 4-Bromofluorobenzene	12.64	95	3523	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.34%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	612	7.958	ug/l #	42
4) Vinyl Chloride	2.34	62	235	2.506	ug/l #	41
5) Bromomethane	2.79	94	468	6.864	ug/l #	59
6) Chloroethane	2.93	64	267	4.249	ug/l #	42
9) 1,1,2-Trichlorotrifluoroet	4.12	101	121	1.850	ug/l #	16
10) Methyl Iodide	4.32	142	328	4.670	ug/l #	62
11) Tert butyl alcohol	5.05	59	55	15.381	ug/l #	70
12) 1,1-Dichloroethene	4.14	96	159	2.554	ug/l #	1
14) Allyl chloride	4.71	41	124	1.278	ug/l #	75
16) Acetone	4.16	43	186	16.683	ug/l #	42
18) Methyl Acetate	4.89	43	57	1.623	ug/l #	51
20) Methylene Chloride	4.96	84	205	Below Cal	#	17
21) trans-1,2-Dichloroethene	5.47	96	167	2.356	ug/l #	45
23) Vinyl Acetate	6.34	43	275	2.504	ug/l #	72
24) 1,1-Dichloroethane	6.26	63	255	2.194	ug/l #	80
25) 2-Butanone	7.21	43	147	8.571	ug/l #	49
29) Tetrahydrofuran	7.58	42	89	8.344	ug/l #	33
30) Chloroform	7.71	83	184	1.509	ug/l #	18
31) Cyclohexane	7.98	56	287	2.467	ug/l #	76
36) 1,1-Dichloropropene	8.10	75	440	4.259	ug/l #	41
37) Ethyl Acetate	7.27	43	133	3.277	ug/l #	70
38) Carbon Tetrachloride	7.98	117	684	6.209	ug/l #	12
39) Methylcyclohexane	9.36	83	457	3.652	ug/l #	61
40) Benzene	8.36	78	1191	4.223	ug/l #	50
41) Methacrylonitrile	7.67	41	61	2.590	ug/l #	24
44) Trichloroethene	9.11	130	278	3.355	ug/l	39
48) Methyl methacrylate	9.45	41	190	4.995	ug/l #	15
51) 4-Methyl-2-Pentanone	10.23	43	268	6.712	ug/l #	37
52) Toluene	10.40	92	640	3.459	ug/l	76
56) Ethyl methacrylate	10.55	69	68	1.076	ug/l #	62
59) 2-Hexanone	10.98	43	142	5.240	ug/l #	26
60) Dibromochloromethane	10.87	129	233	3.330	ug/l #	11
61) 1,2-Dibromoethane	11.20	107	68	1.363	ug/l #	2
64) Tetrachloroethene	10.88	164	579	7.924	ug/l #	30

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
Data File : VD064774.D
Acq On : 06 Jan 2020 15:44
Operator : VA/SY
Sample : L1008-01
Misc : 6.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Jan 07 00:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) Chlorobenzene	11.67	112	884	4.472	ug/l	#	44
67) Ethyl Benzene	11.76	91	912	2.542	ug/l	#	85
68) m/p-Xylenes	11.86	106	875	6.319	ug/l		89
70) Styrene	12.21	104	389	1.772	ug/l	#	47
73) Isopropylbenzene	12.49	105	839	3.244	ug/l	#	64
74) N-amyl acetate	12.30	43	79	1.429	ug/l	#	23
75) 1,1,2,2-Tetrachloroethane	12.73	83	55	1.354	ug/l	#	26
76) 1,2,3-Trichloropropane	12.78	75	63	2.205	ug/l	#	100
77) Bromobenzene	12.77	156	181	2.848	ug/l	#	42
78) n-propylbenzene	12.83	91	1182	3.918	ug/l		94
79) 2-Chlorotoluene	12.91	91	413	2.492	ug/l		99
80) 1,3,5-Trimethylbenzene	12.97	105	588	2.768	ug/l	#	63
81) trans-1,4-Dichloro-2-buten	12.64	75	1720	125.878	ug/l	#	10
82) 4-Chlorotoluene	12.91	91	413	2.341	ug/l		99
83) tert-Butylbenzene	13.23	119	503	2.727	ug/l	#	28
84) 1,2,4-Trimethylbenzene	13.27	105	746	3.526	ug/l	#	45
85) sec-Butylbenzene	13.41	105	1035	4.093	ug/l	#	68
86) p-Isopropyltoluene	13.53	119	899	3.718	ug/l	#	88
87) 1,3-Dichlorobenzene	13.51	146	530	4.375	ug/l	#	75
88) 1,4-Dichlorobenzene	13.61	146	590	4.958	ug/l	#	76
89) n-Butylbenzene	13.85	91	949	4.358	ug/l		88
91) 1,2-Dichlorobenzene	13.91	146	512	4.957	ug/l	#	41
92) 1,2-Dibromo-3-Chloropropan	14.57	75	57	8.655	ug/l	#	1
93) 1,2,4-Trichlorobenzene	15.17	180	771	10.137	ug/l		75
94) Hexachlorobutadiene	15.28	225	245	5.119	ug/l	#	67
95) Naphthalene	15.41	128	1150	9.557	ug/l	#	83
96) 1,2,3-Trichlorobenzene	15.61	180	925	14.246	ug/l	#	33

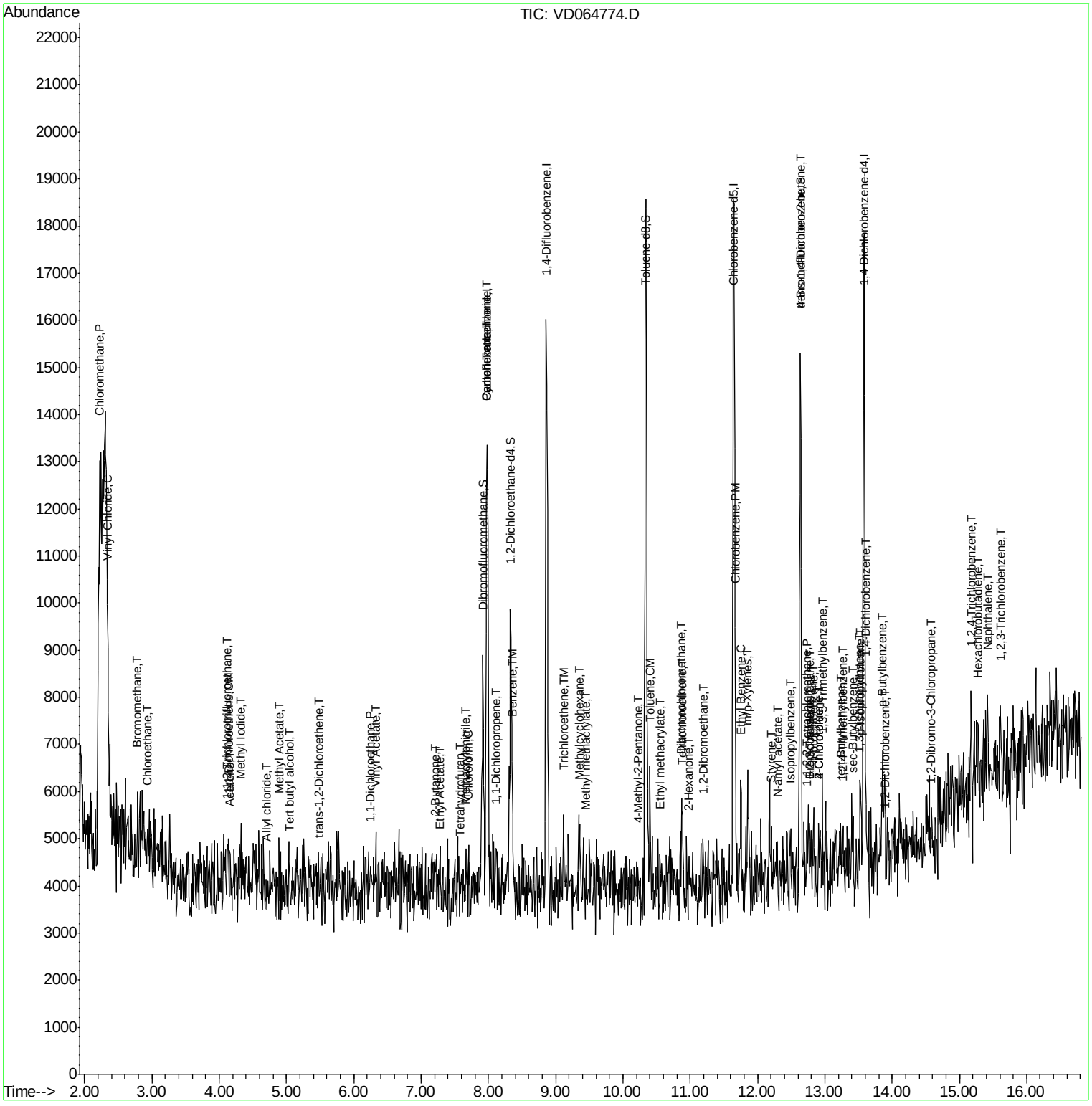
(#) = qualifier out of range (m) = manual integration (+) = signals summed

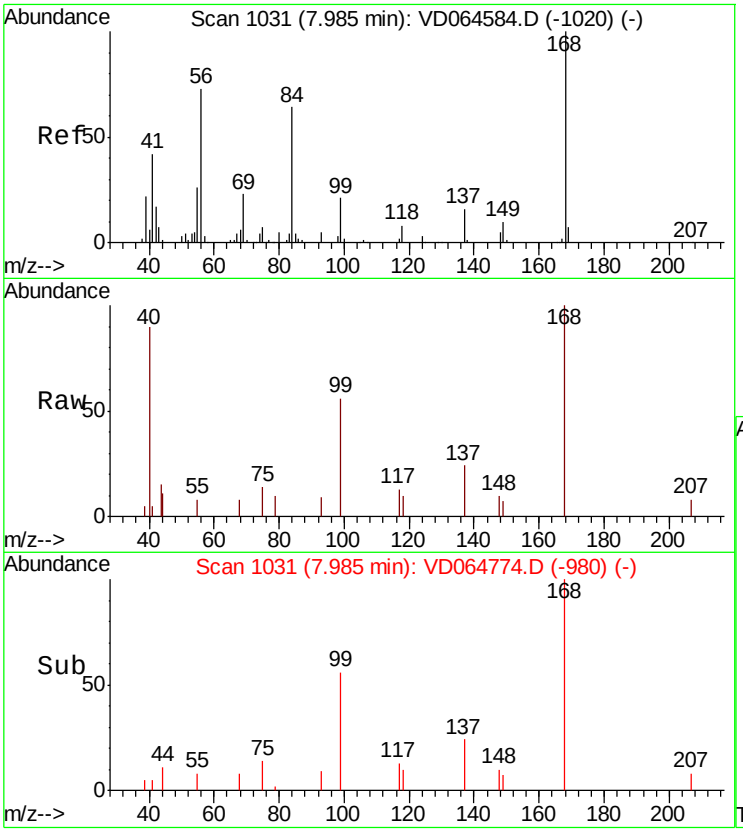
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
Data File : VD064774.D
Acq On : 06 Jan 2020 15:44
Operator : VA/SY
Sample : L1008-01
Misc : 6.85G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 07 00:36:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration



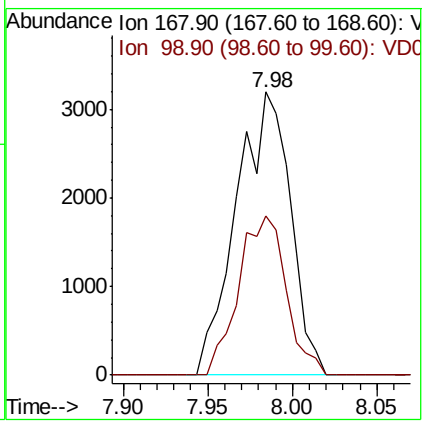


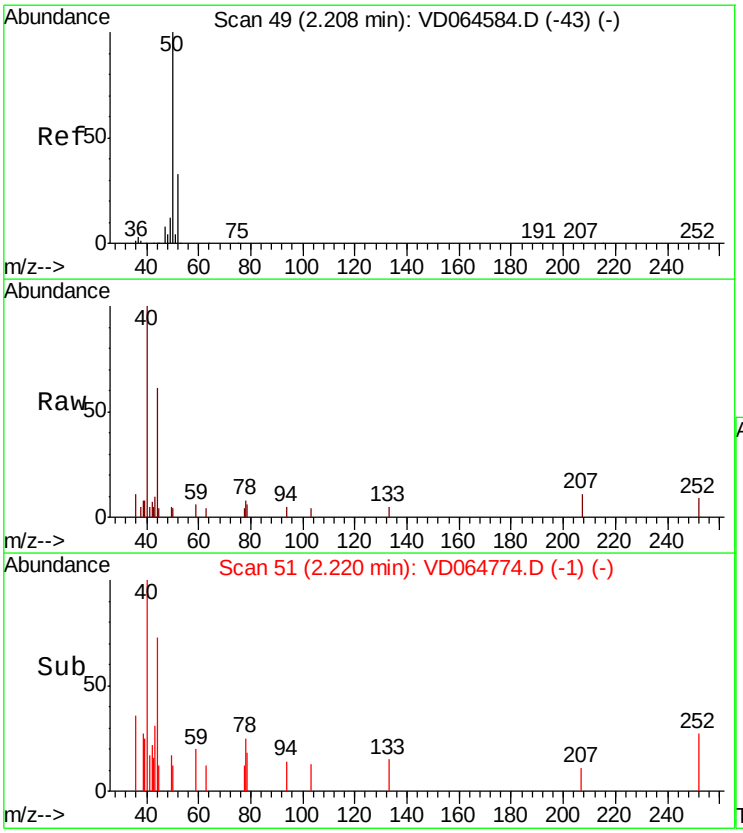
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 7076

Ion	Ratio	Lower	Upper
168	100		
99	56.0	41.8	62.6

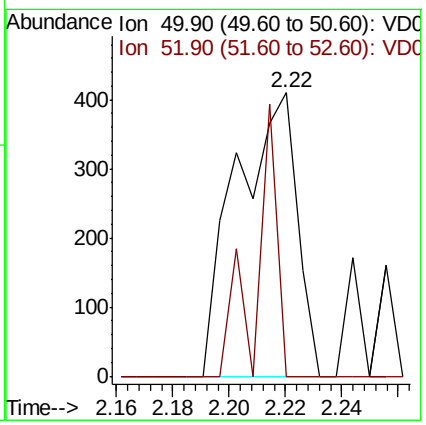


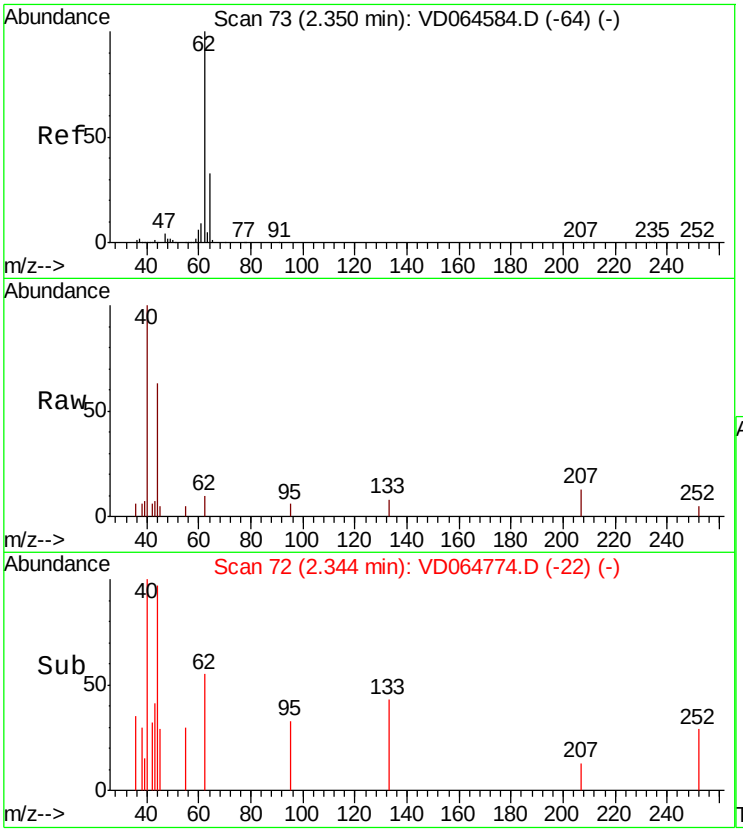


#3
Chloromethane
Concen: 7.958 ug/l
RT: 2.22 min Scan# 51
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 50 Resp: 612

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.5	39.7#



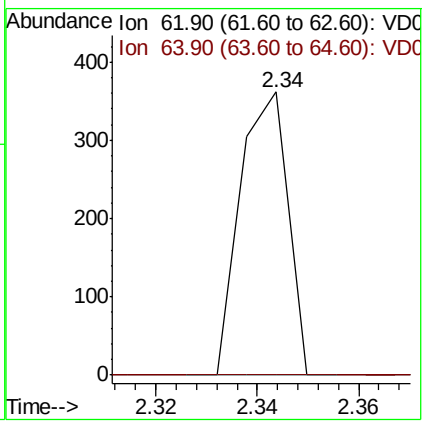


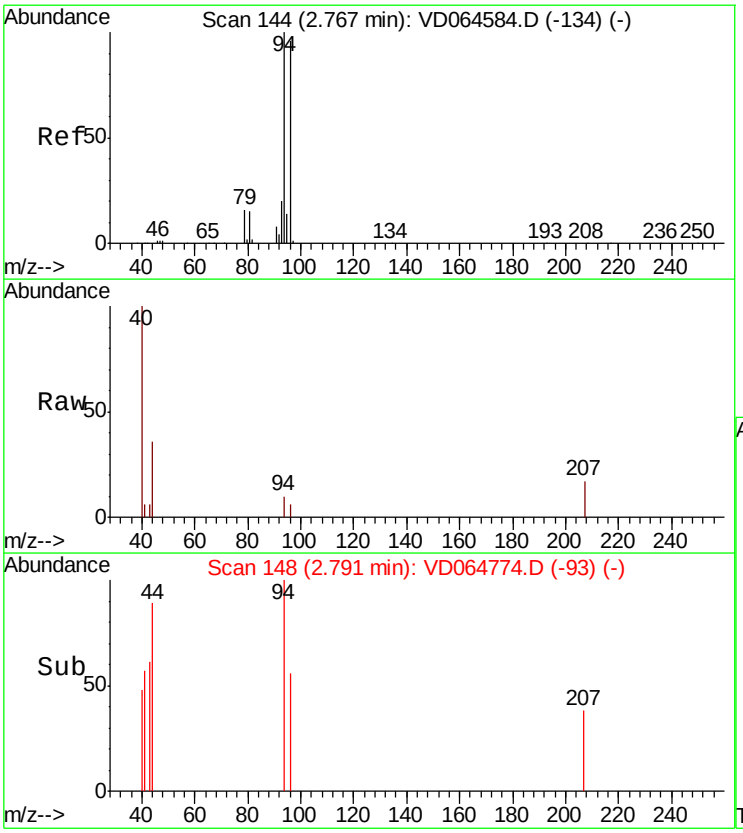
#4
Vinyl Chloride
Concen: 2.506 ug/l
RT: 2.34 min Scan# 72
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 62 Resp: 235

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.6	40.0#

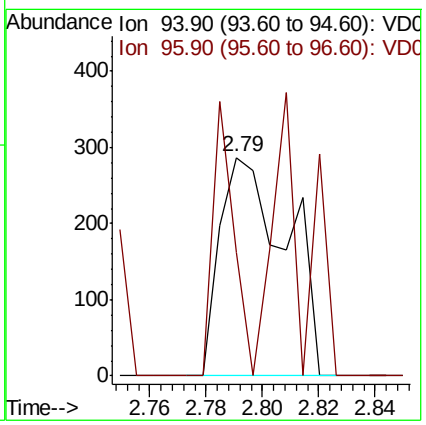


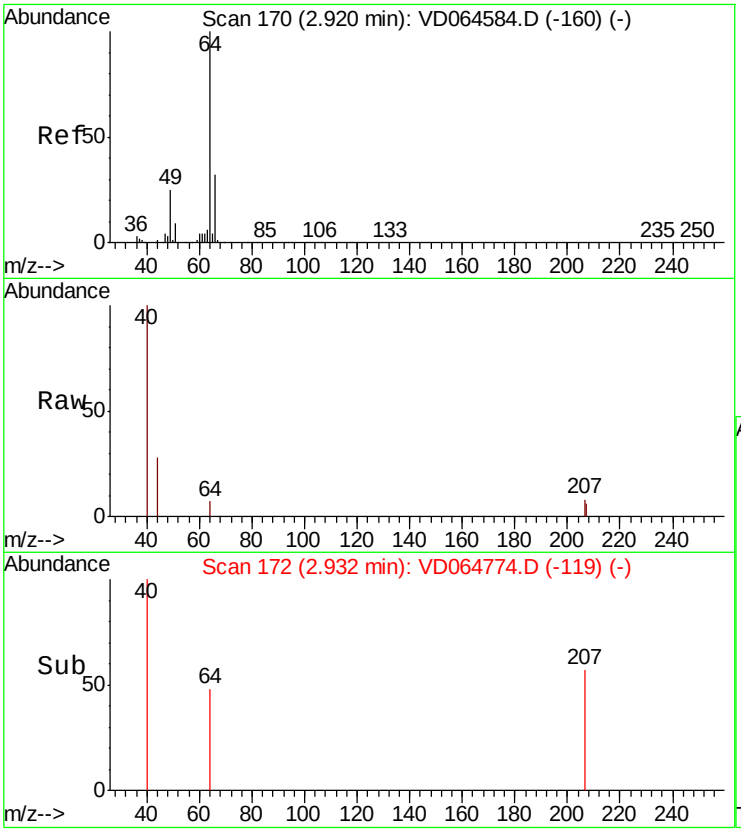


#5
Bromomethane
Concen: 6.864 ug/l
RT: 2.79 min Scan# 148
Delta R.T. 0.02 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 94 Resp: 468

Ion	Ratio	Lower	Upper
94	100		
96	56.4	77.2	115.8#



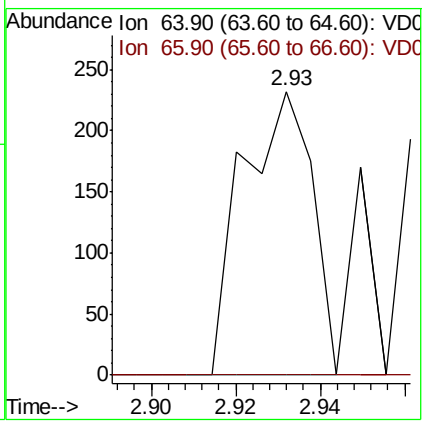


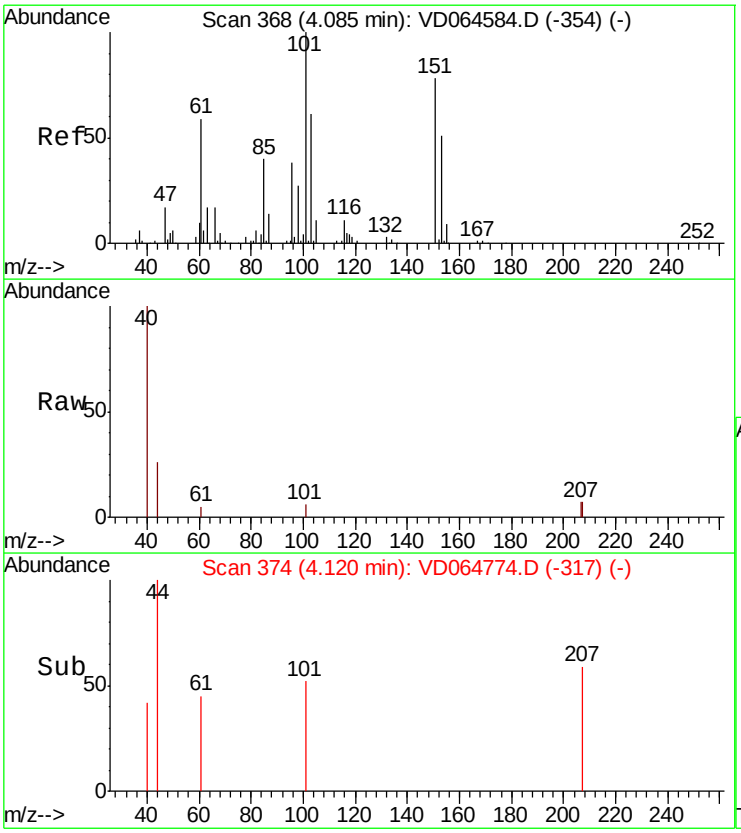
#6
Chloroethane
Concen: 4.249 ug/l
RT: 2.93 min Scan# 172
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 64 Resp: 267

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.9	38.9#

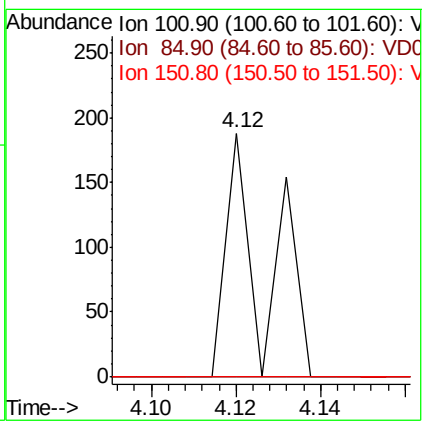


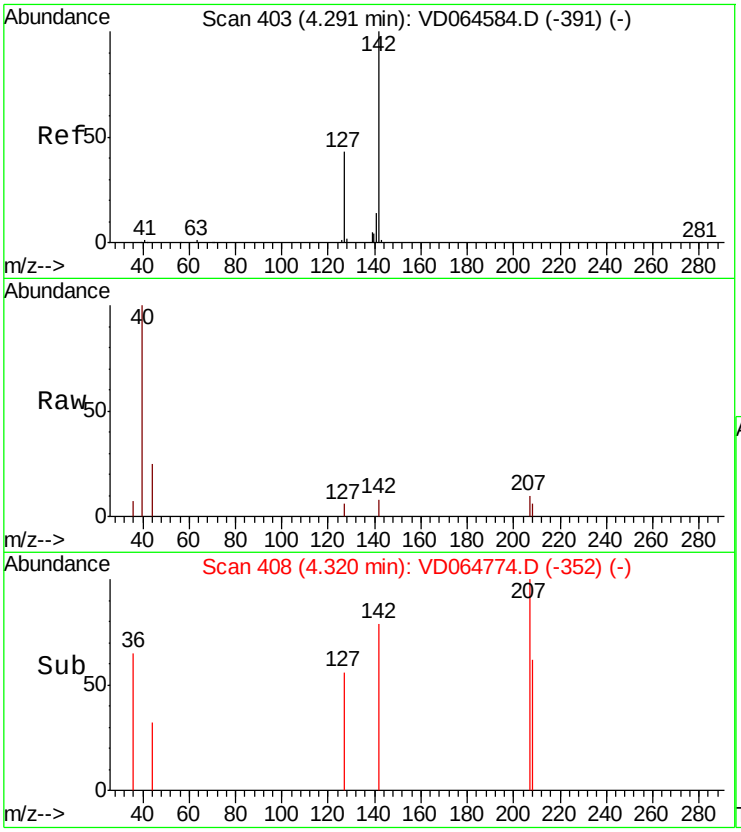


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.850 ug/l
RT: 4.12 min Scan# 374
Delta R.T. 0.04 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:101 Resp: 121

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.2	52.8#
151	0.0	66.2	99.4#



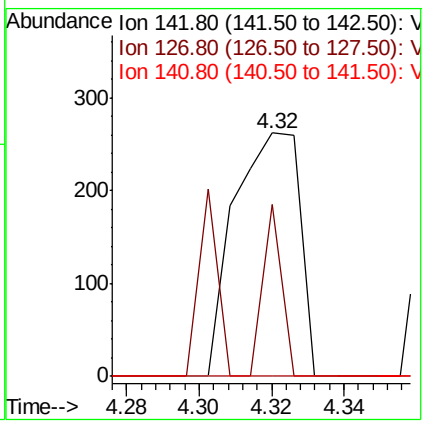


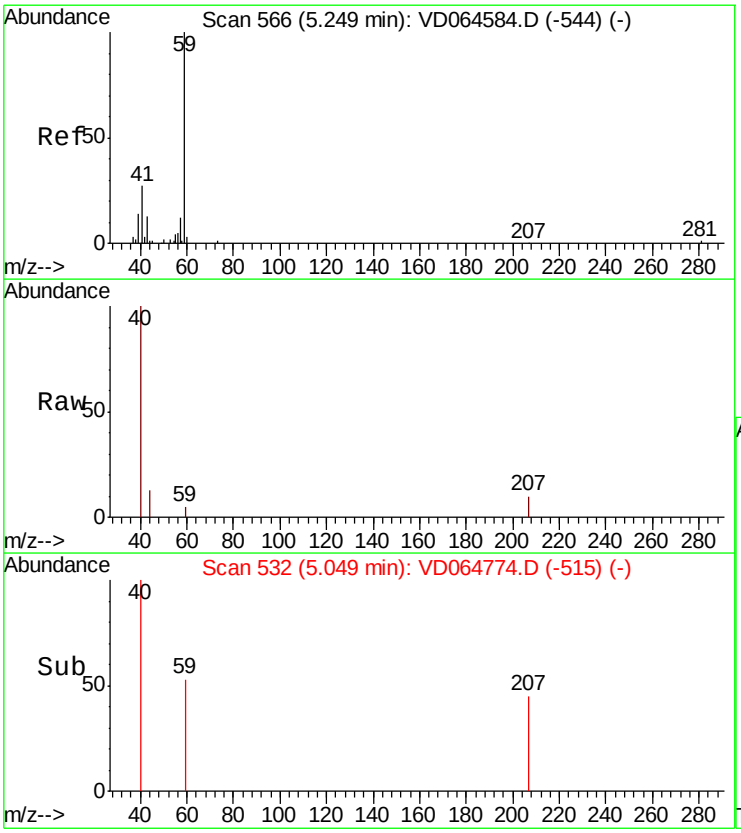
#10
Methyl Iodide
Concen: 4.670 ug/l
RT: 4.32 min Scan# 408
Delta R.T. 0.03 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 328

Ion	Ratio	Lower	Upper
142	100		
127	19.8	36.2	54.4#
141	0.0	11.8	17.8#

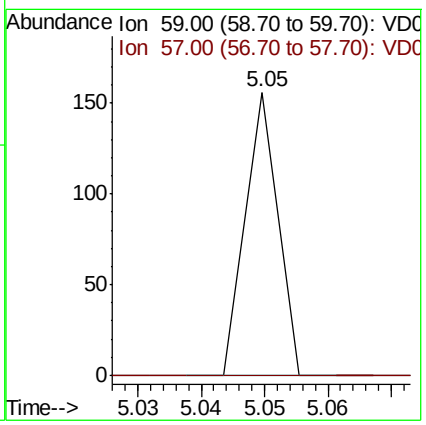


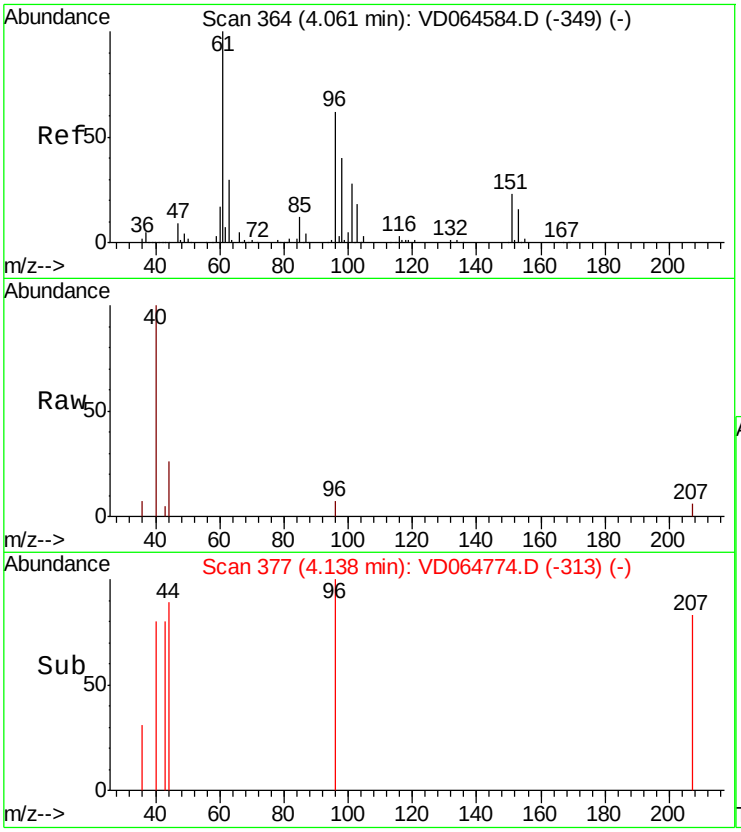


#11
Tert butyl alcohol
Concen: 15.381 ug/l
RT: 5.05 min Scan# 532
Delta R.T. -0.20 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 59 Resp: 55

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



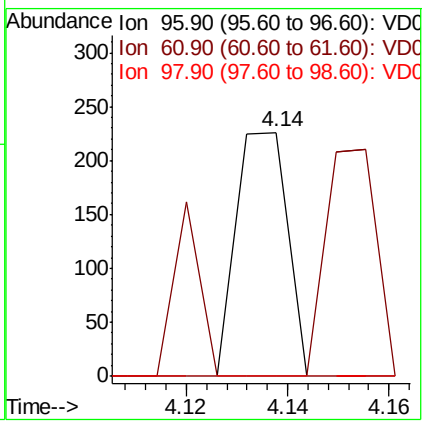


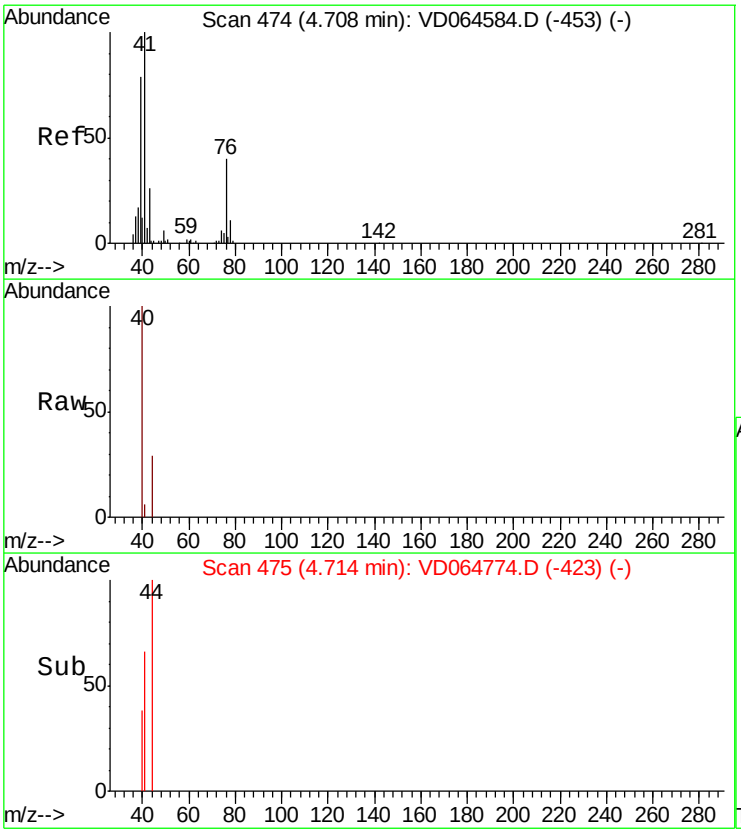
#12
1,1-Dichloroethene
Concen: 2.554 ug/l
RT: 4.14 min Scan# 377
Delta R.T. 0.08 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 96 Resp: 159

Ion	Ratio	Lower	Upper
96	100		
61	0.0	129.4	194.0#
98	0.0	51.4	77.0#

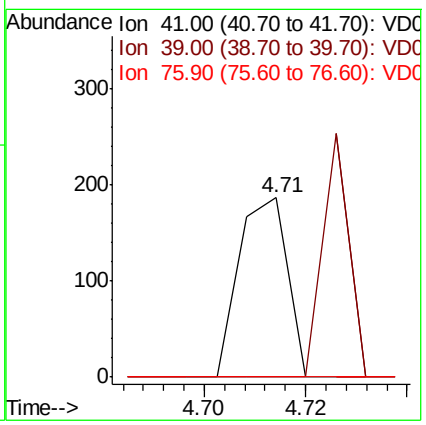


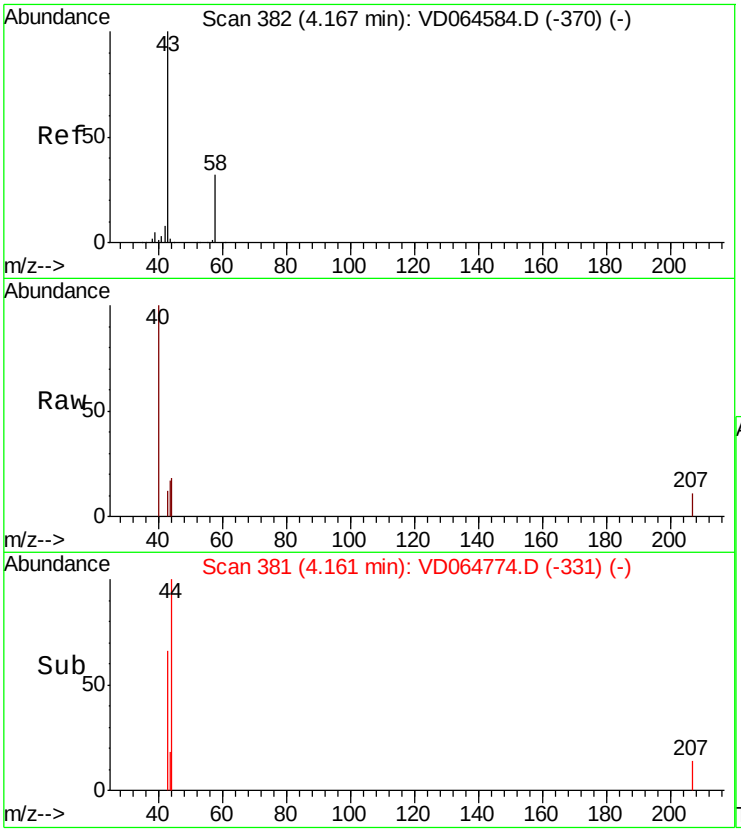


#14
Allyl chloride
Concen: 1.278 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 41 Resp: 124

Ion	Ratio	Lower	Upper
41	100		
39	71.8	62.3	93.5
76	0.0	29.7	44.5#



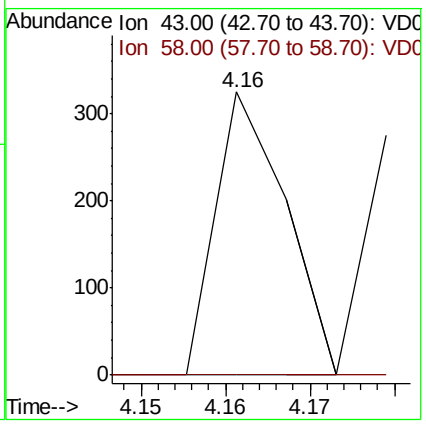


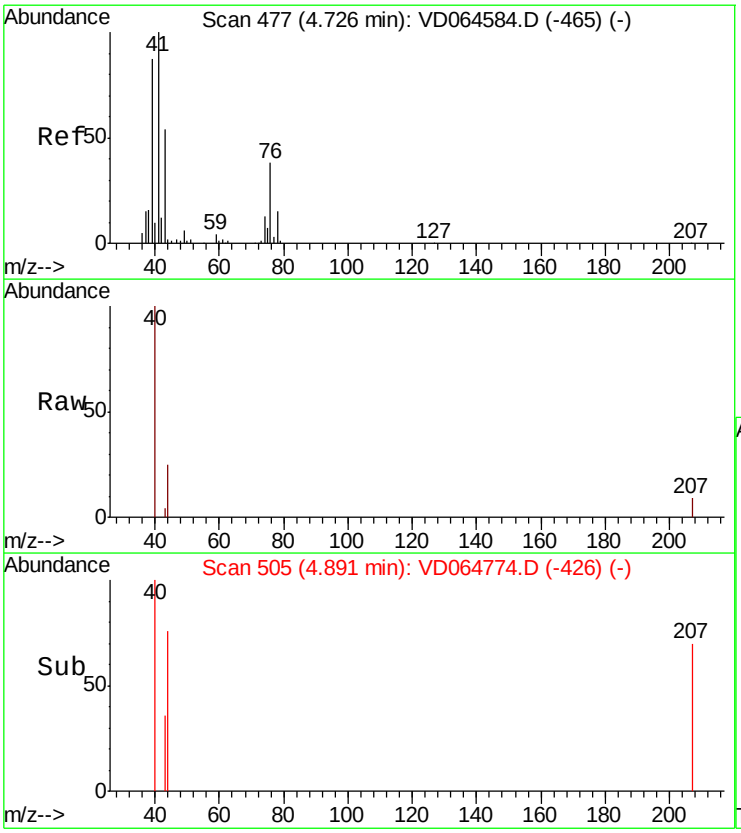
#16
Acetone
Concen: 16.683 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 186

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.8	38.6#

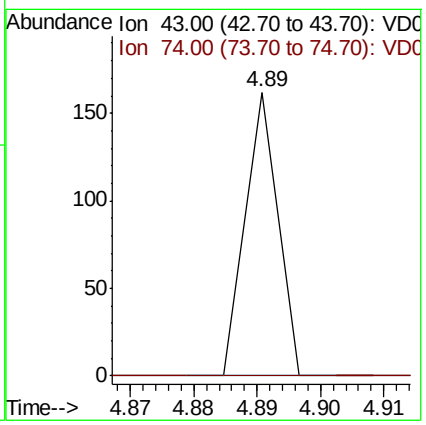


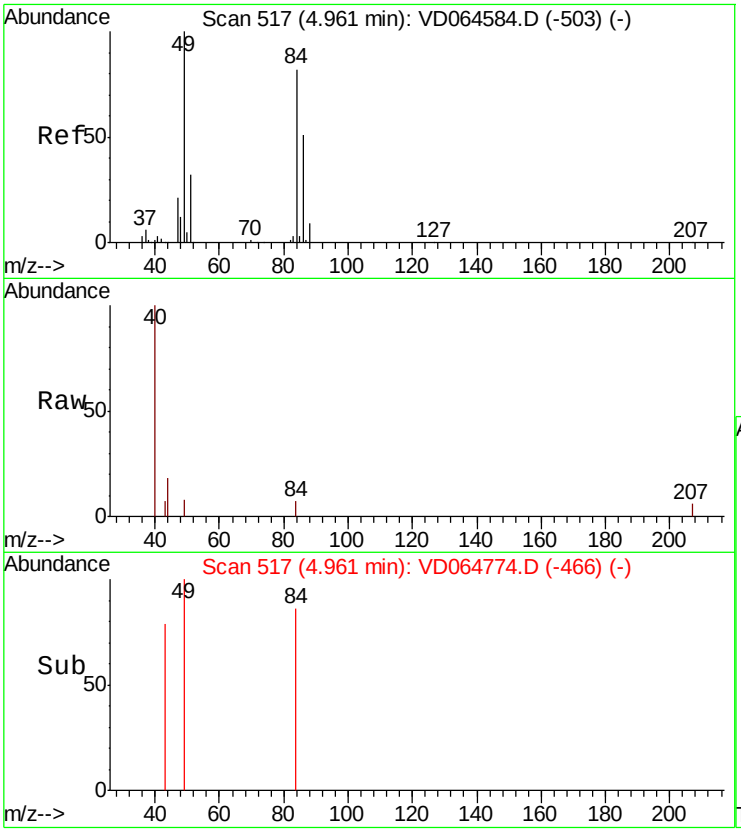


#18
Methyl Acetate
Concen: 1.623 ug/l
RT: 4.89 min Scan# 505
Delta R.T. 0.16 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 43 Resp: 57

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#



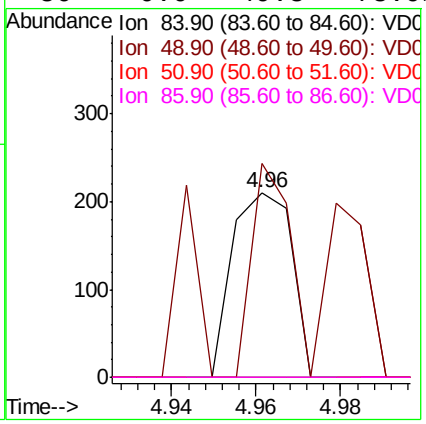


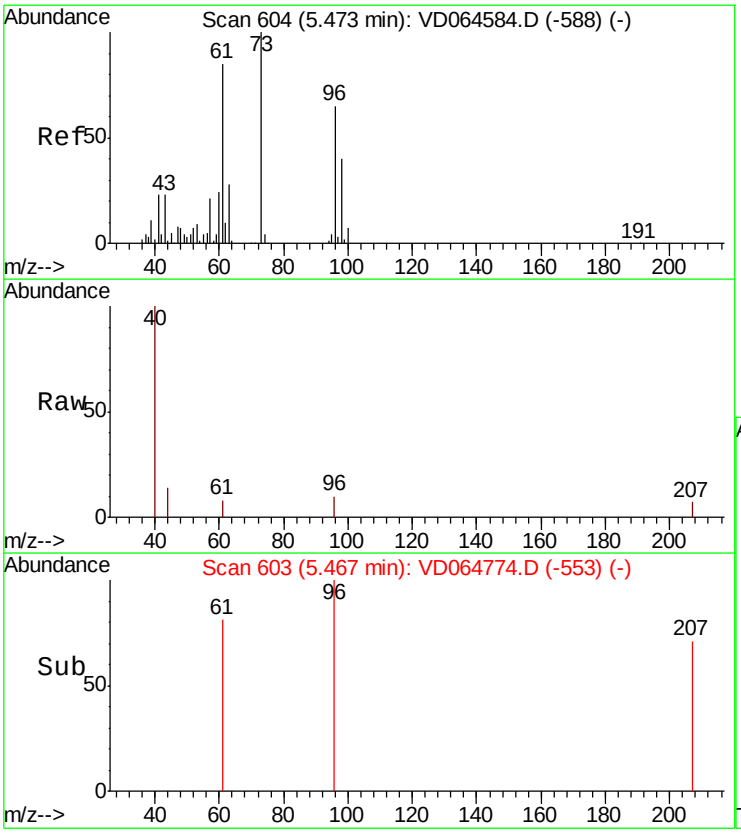
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 205

Ion	Ratio	Lower	Upper
84	100		
49	21.0	97.2	145.8#
51	0.0	31.4	47.0#
86	0.0	49.3	73.9#

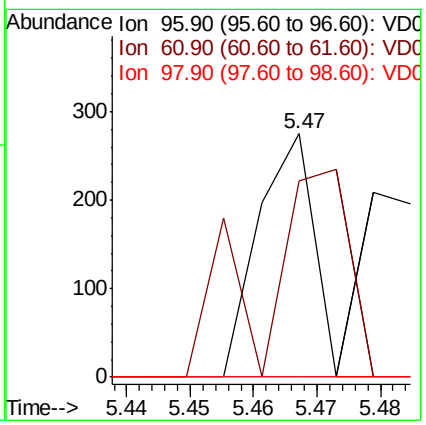


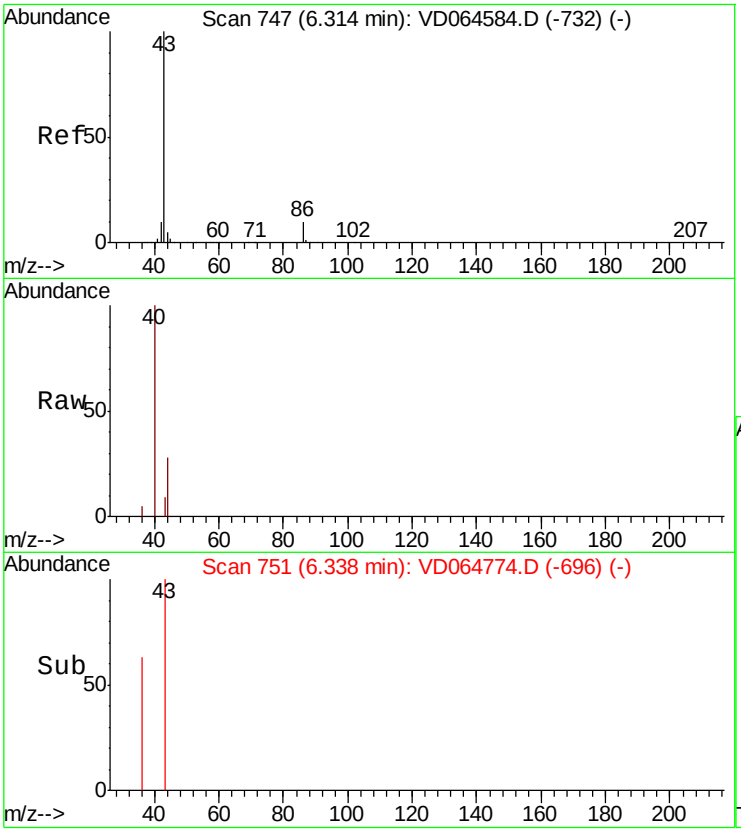


#21
trans-1,2-Dichloroethene
Concen: 2.356 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 96 Resp: 167

Ion	Ratio	Lower	Upper
96	100		
61	80.7	104.7	157.1#
98	0.0	49.4	74.2#



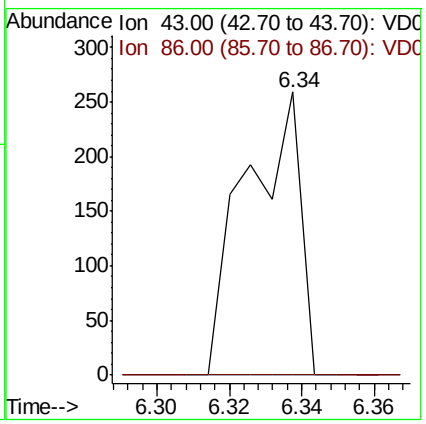


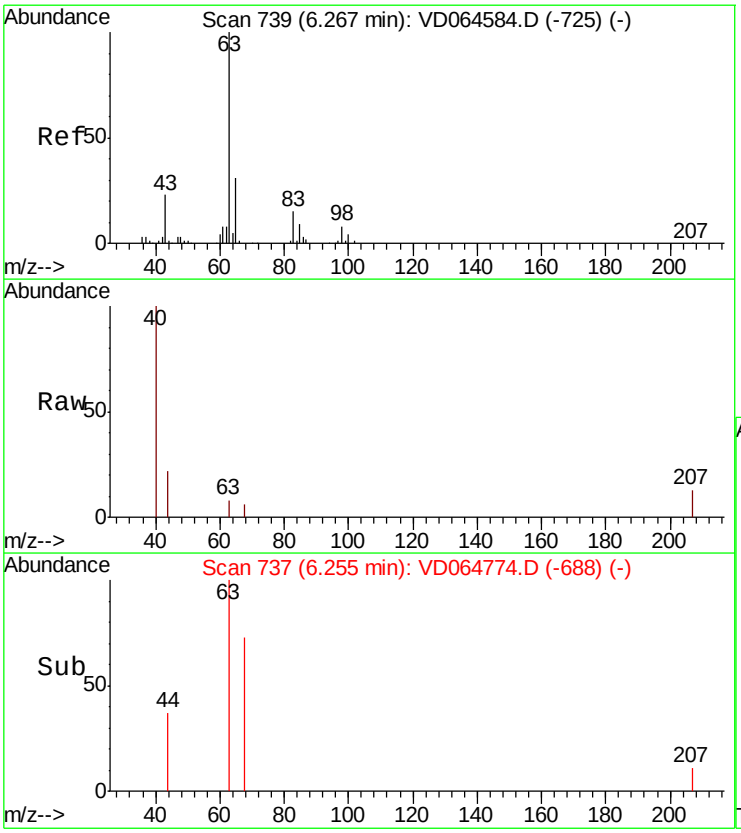
#23
Vinyl Acetate
Concen: 2.504 ug/l
RT: 6.34 min Scan# 751
Delta R.T. 0.02 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 275

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.3	12.5#

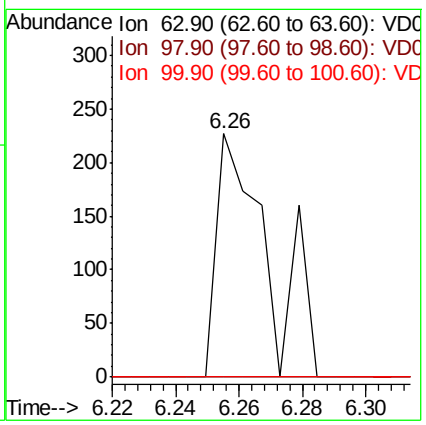


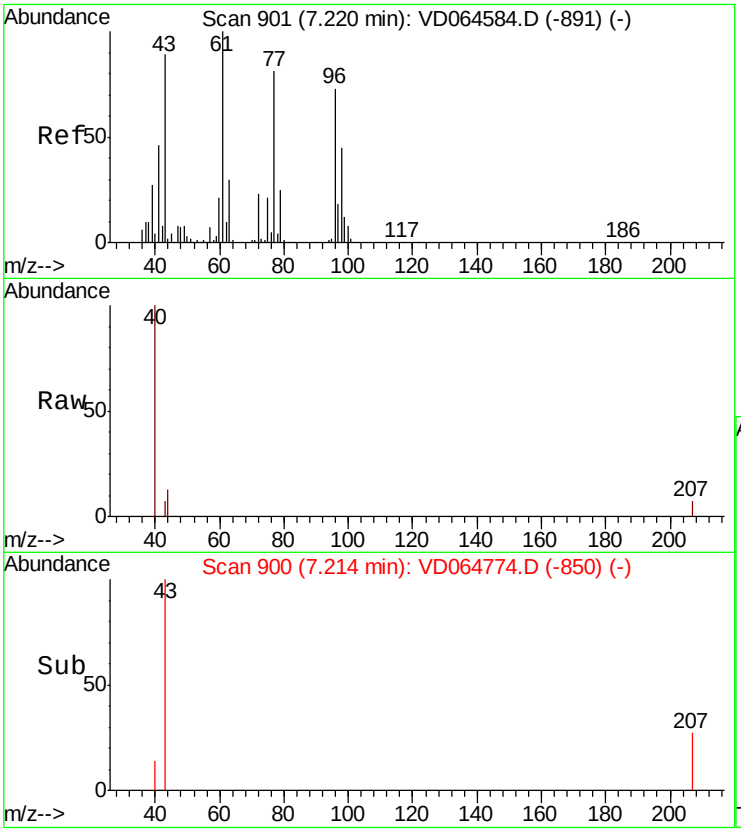


#24
1,1-Dichloroethane
Concen: 2.194 ug/l
RT: 6.26 min Scan# 737
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 63 Resp: 255

Ion	Ratio	Lower	Upper
63	100		
98	0.0	4.1	12.3#
100	0.0	2.2	6.6#



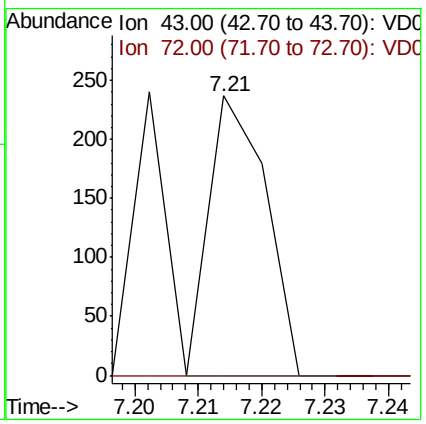


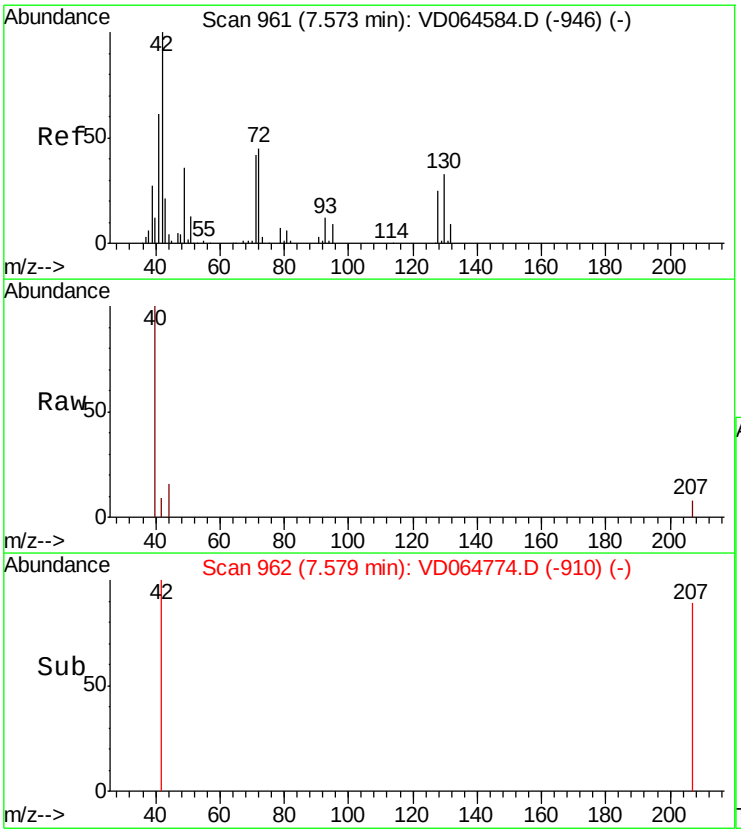
#25
2-Butanone
Concen: 8.571 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 147

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

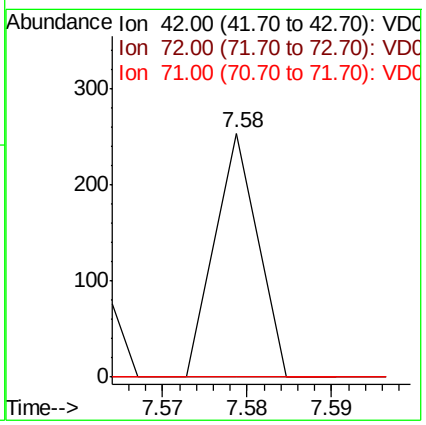


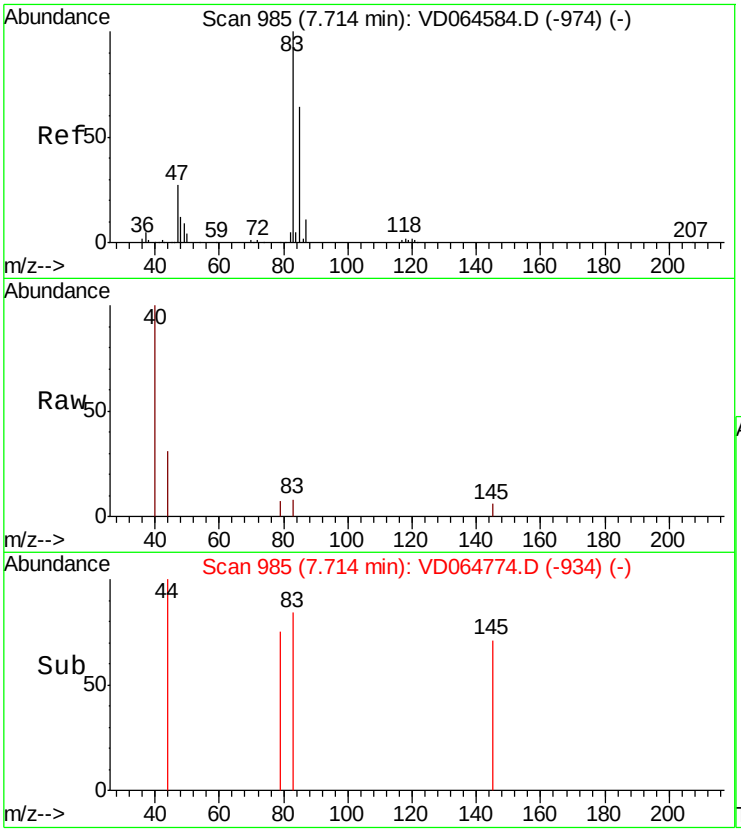


#29
Tetrahydrofuran
Concen: 8.344 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 42 Resp: 89

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.4#
71	0.0	32.9	49.3#



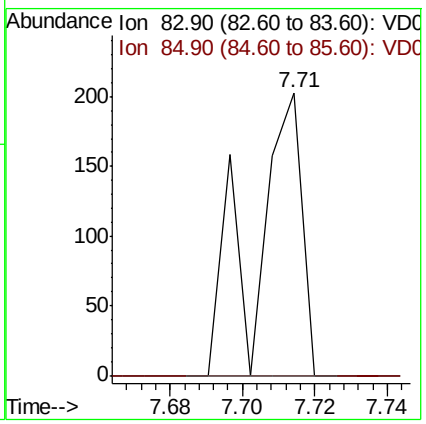


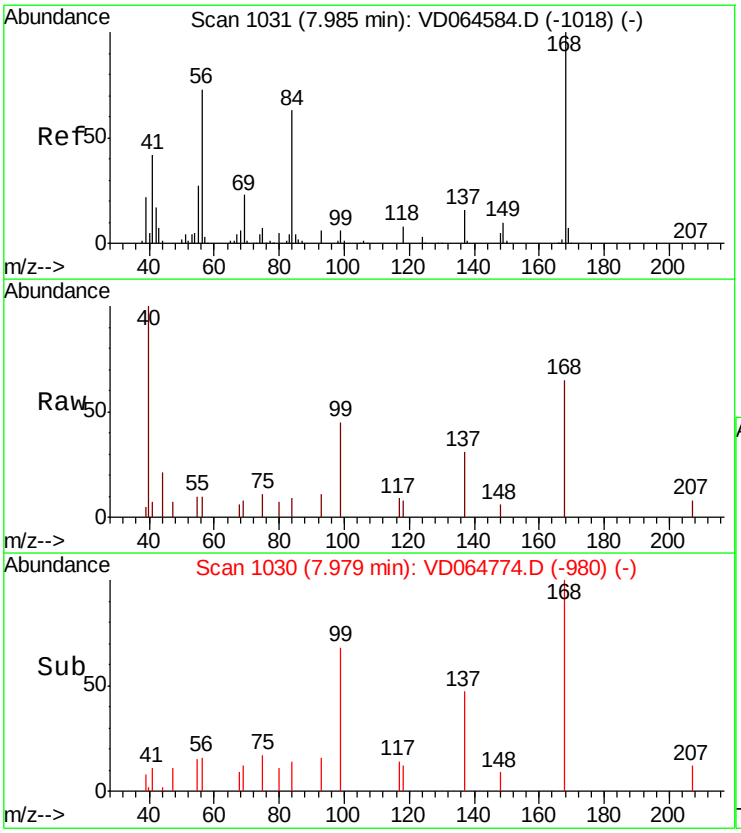
#30
Chloroform
Concen: 1.509 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 184

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#

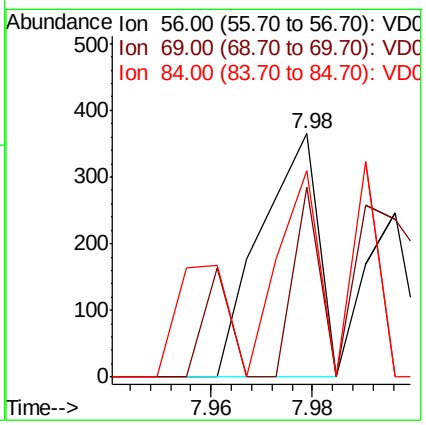


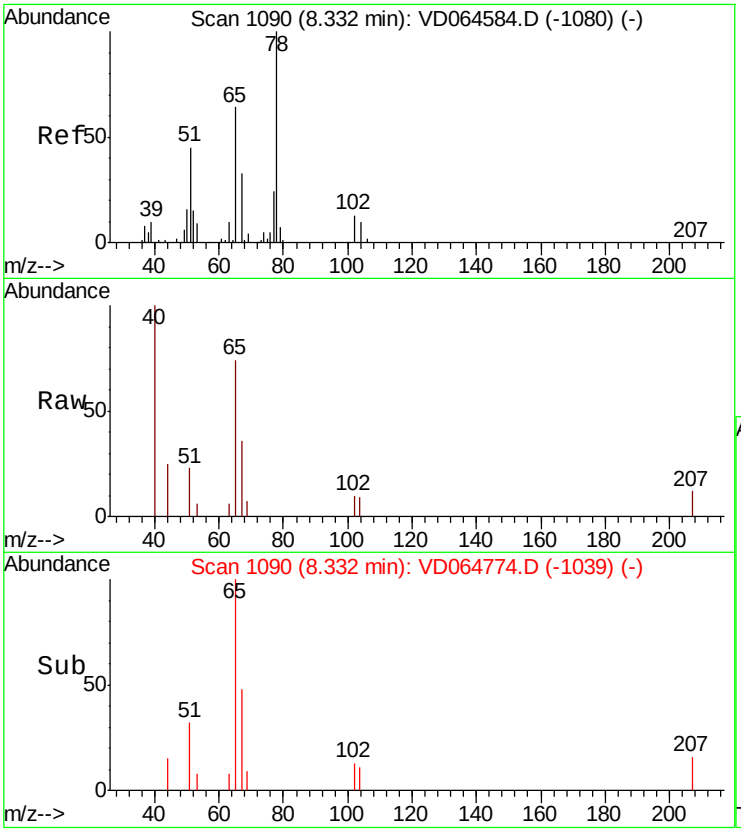


#31
Cyclohexane
Concen: 2.467 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 56 Resp: 287

Ion	Ratio	Lower	Upper
56	100		
69	77.8	24.7	37.1#
84	84.9	69.4	104.2



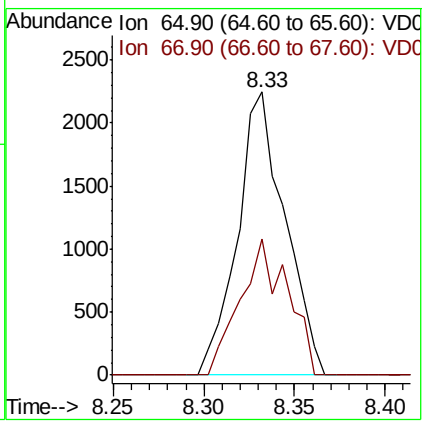


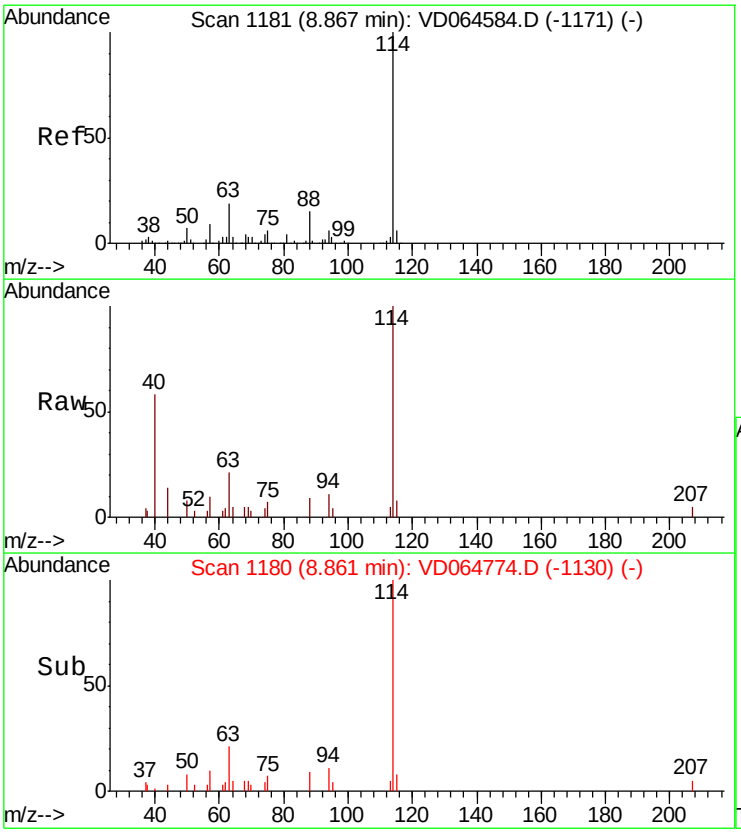
#33
1,2-Dichloroethane-d4
Concen: 65.694 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 4099

Ion	Ratio	Lower	Upper
65	100		
67	47.7	0.0	106.2

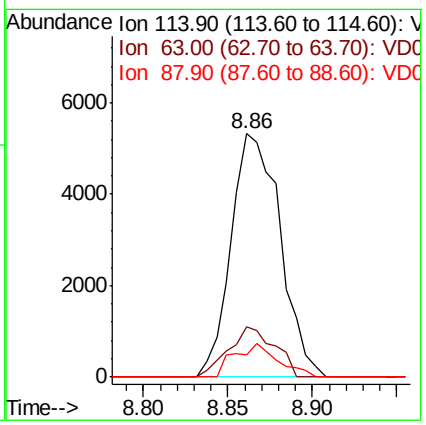


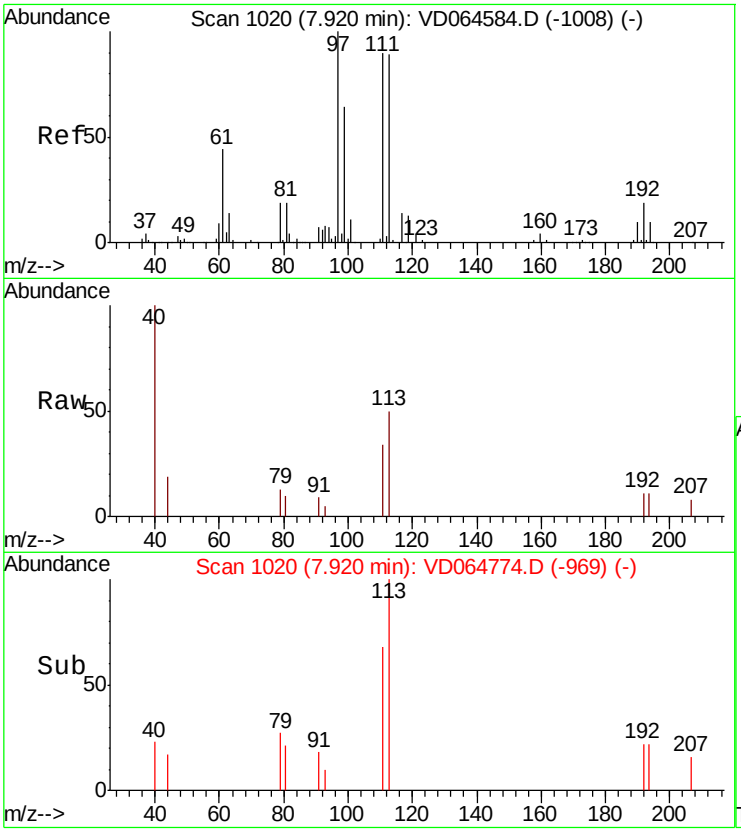


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:114 Resp: 10734

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	38.0
88	9.3	0.0	29.2



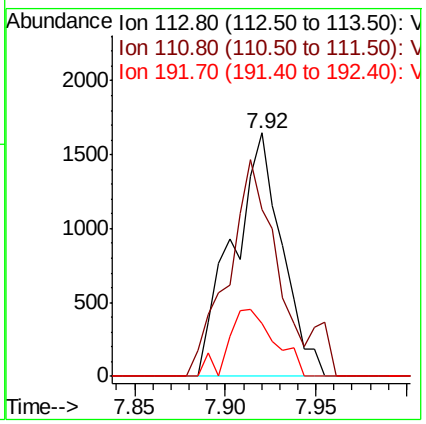


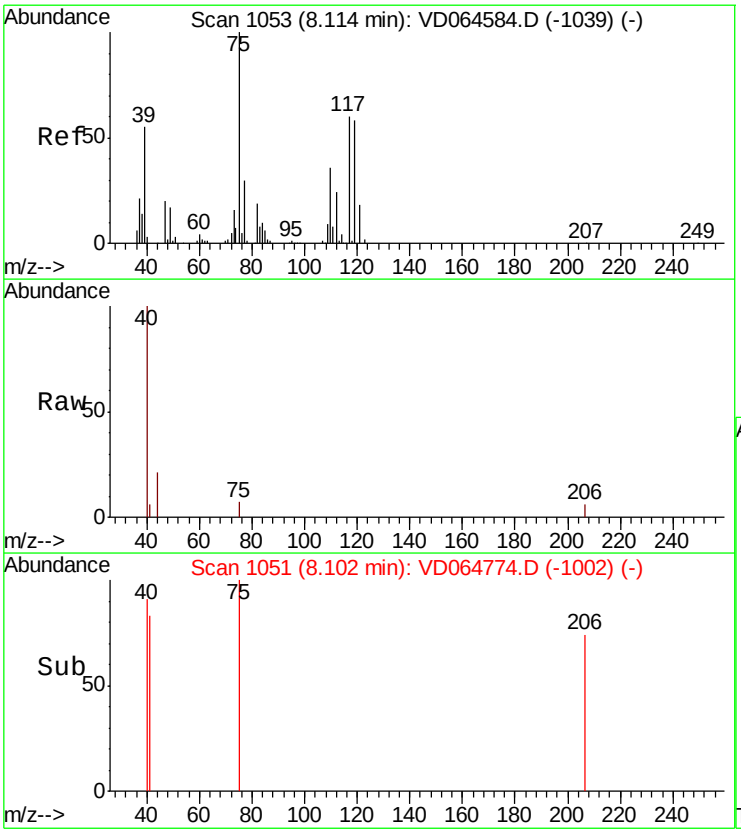
#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 3100

Ion	Ratio	Lower	Upper
113	100		
111	94.2	80.6	121.0
192	26.2	17.9	26.9

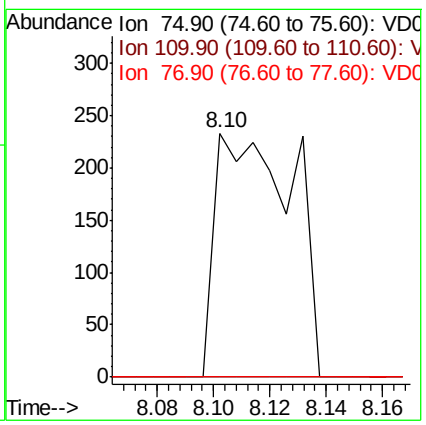


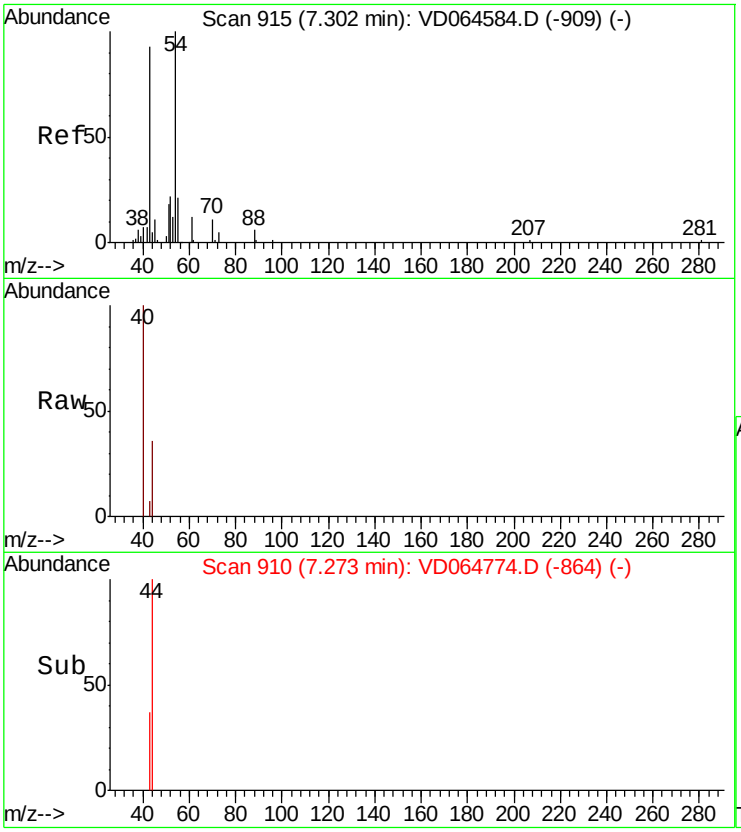


#36
1,1-Dichloropropene
Concen: 4.259 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 75 Resp: 440

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	24.2	36.4#



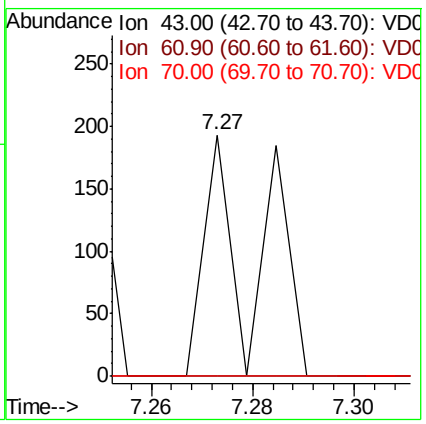


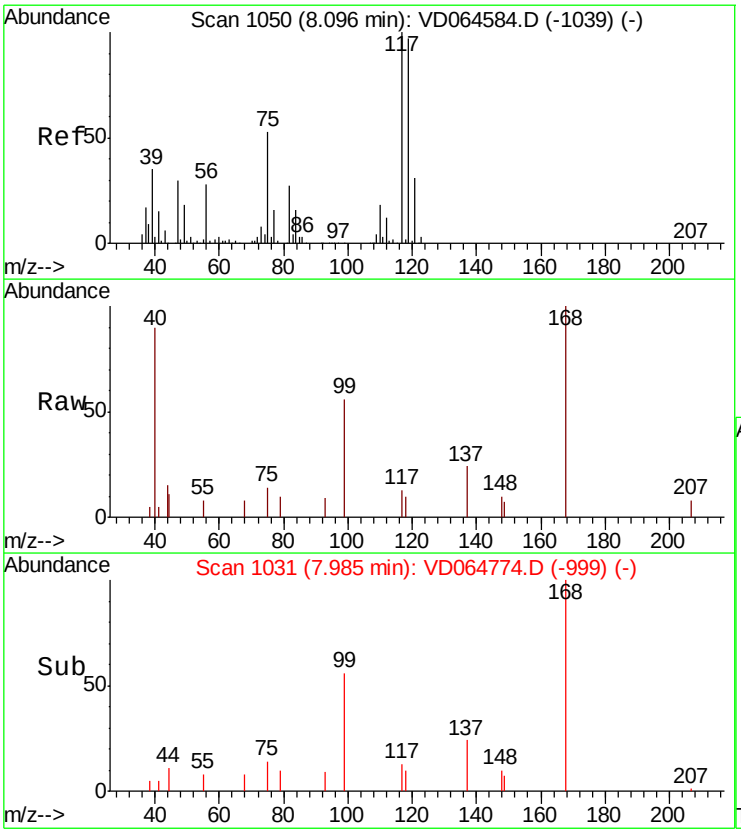
#37
Ethyl Acetate
Concen: 3.277 ug/l
RT: 7.27 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 133

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.6	11.4#

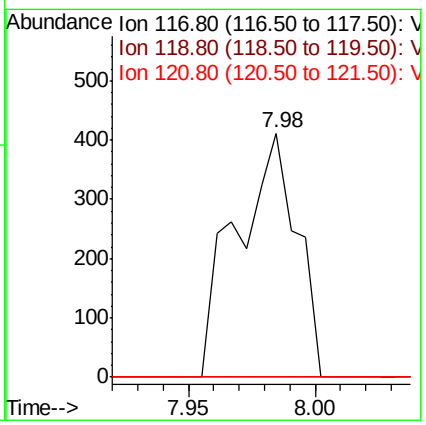


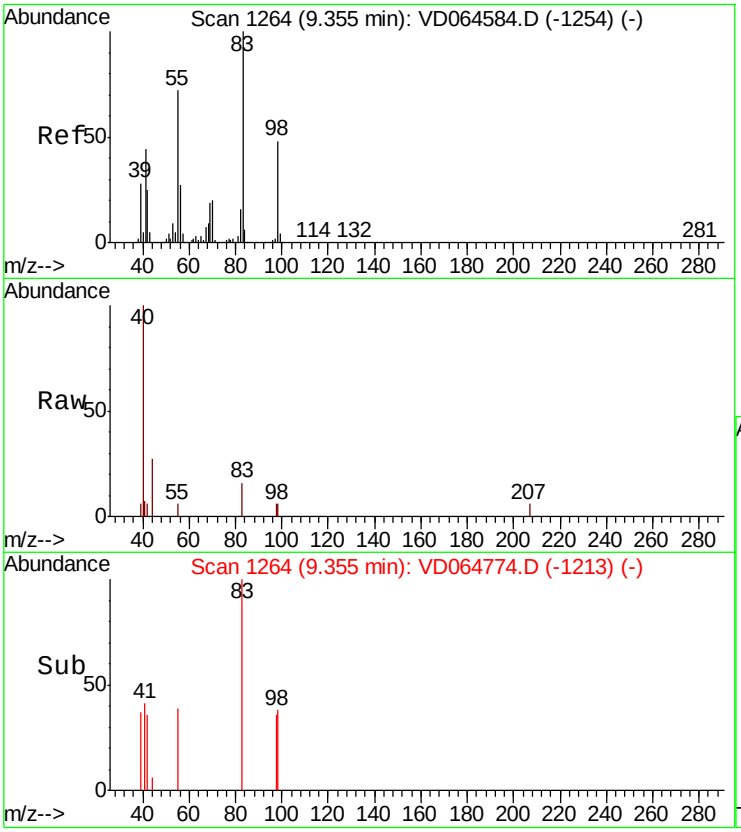


#38
Carbon Tetrachloride
Concen: 6.209 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:117 Resp: 684

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.3	115.9#
121	0.0	25.0	37.6#



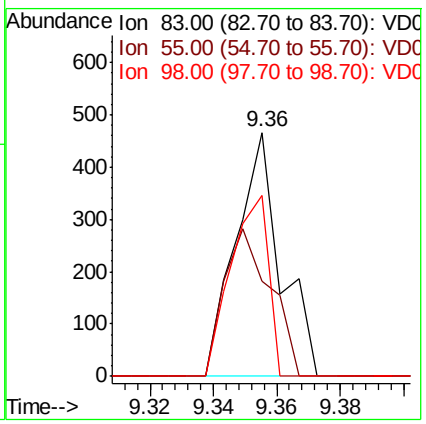


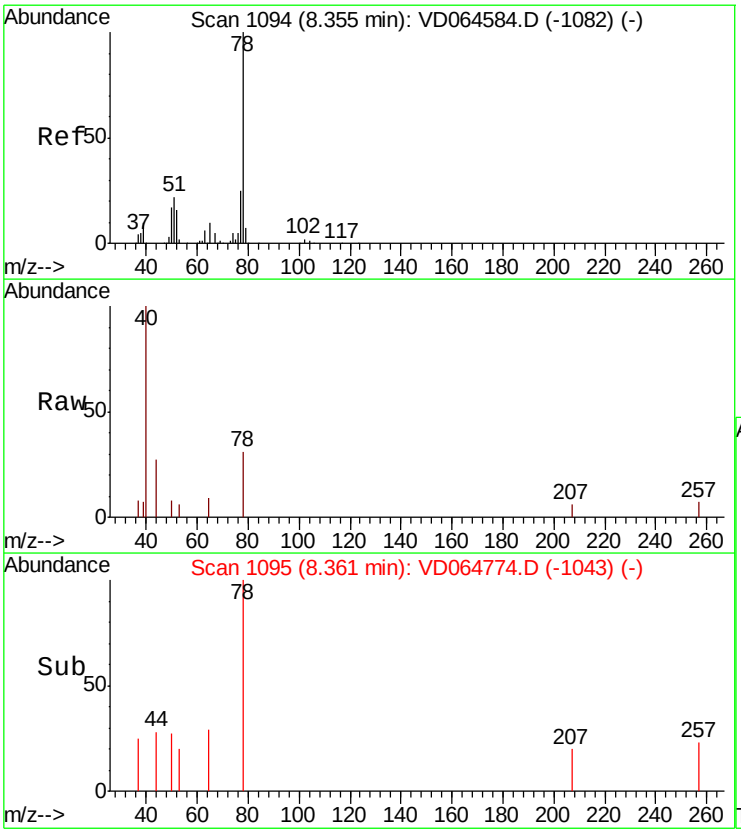
#39
Methylcyclohexane
Concen: 3.652 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 457

Ion	Ratio	Lower	Upper
83	100		
55	39.3	57.8	86.6#
98	74.0	38.7	58.1#

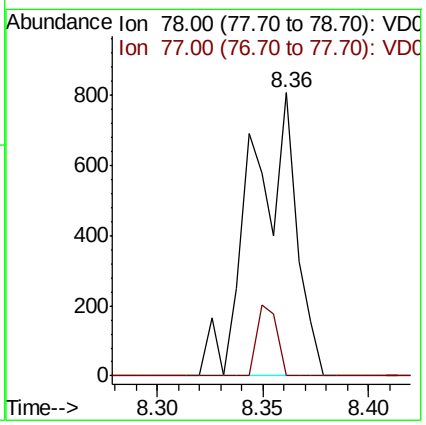


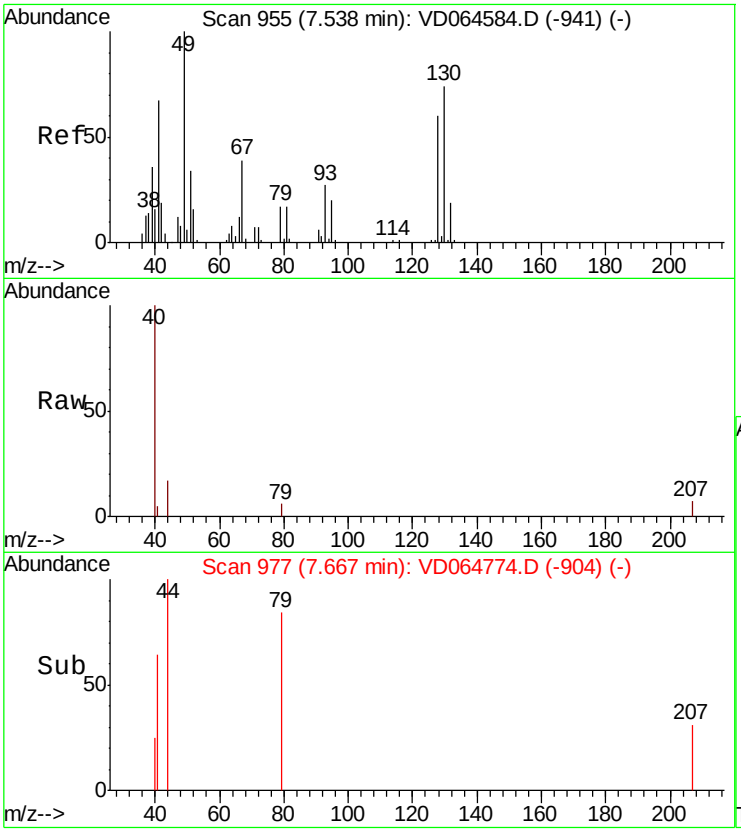


#40
Benzene
Concen: 4.223 ug/l
RT: 8.36 min Scan# 1095
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 78 Resp: 1191

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.9	29.9#



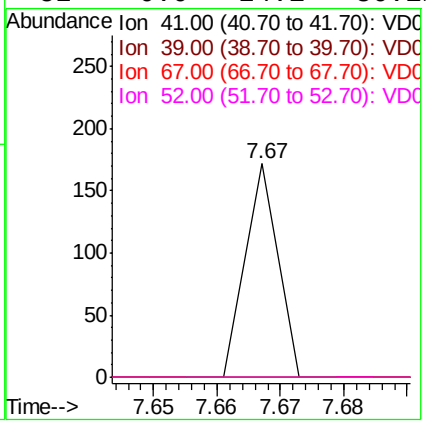


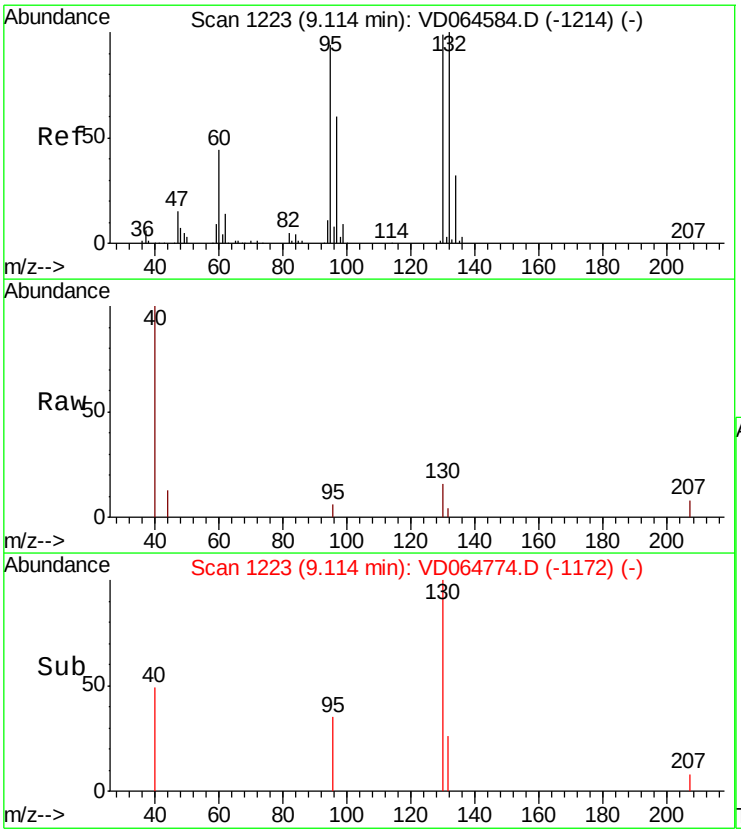
#41
Methacrylonitrile
Concen: 2.590 ug/l
RT: 7.67 min Scan# 977
Delta R.T. 0.13 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 61

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	52.5	78.7#
52	0.0	24.1	36.1#

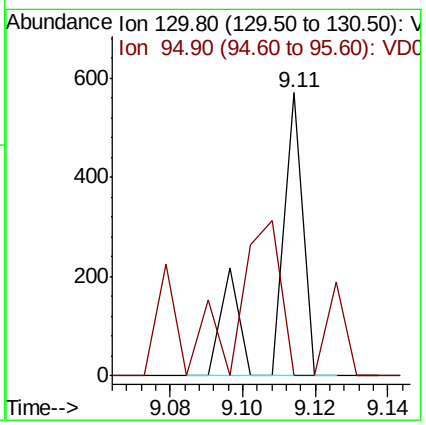


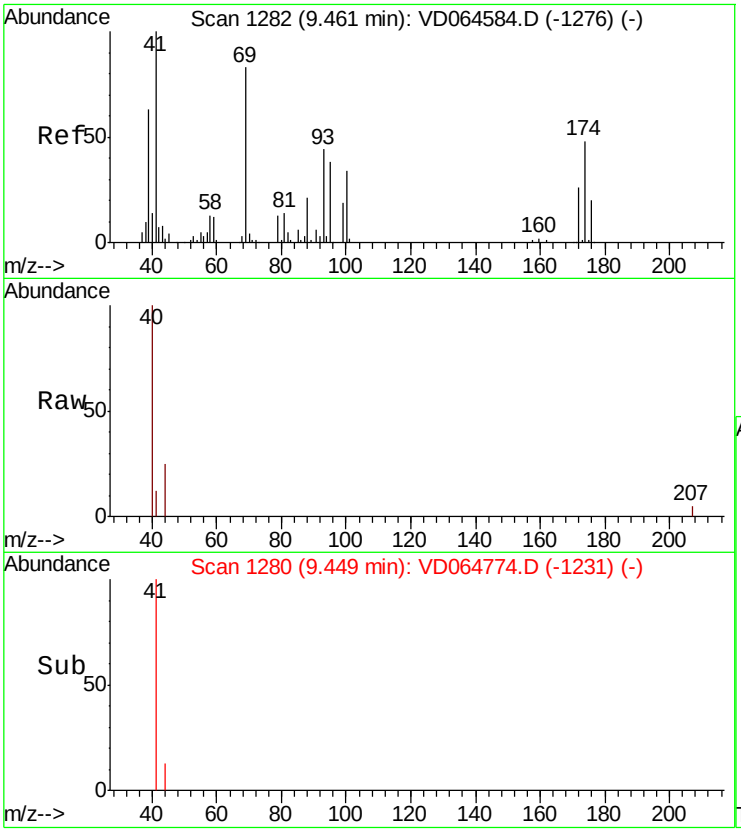


#44
Trichloroethene
Concen: 3.355 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:130 Resp: 278

Ion	Ratio	Lower	Upper
130	100		
95	35.4	0.0	190.2



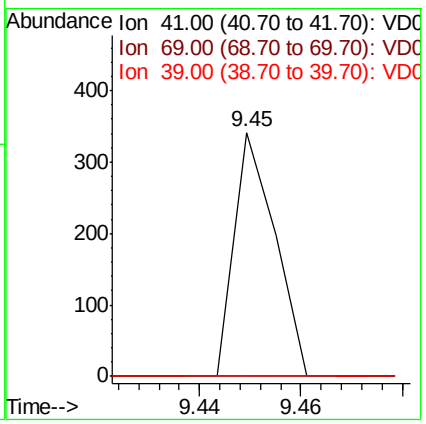


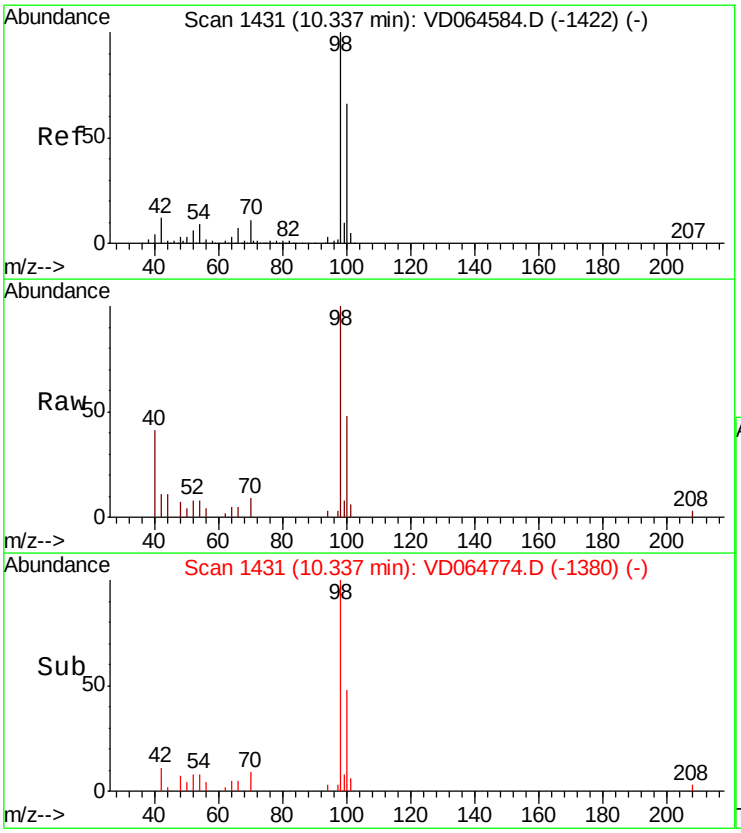
#48
Methyl methacrylate
Concen: 4.995 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 190

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	0.0	47.4	71.2#

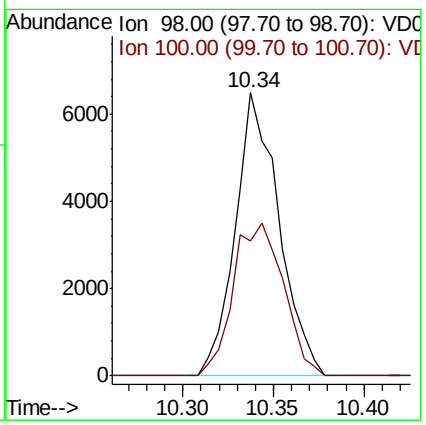


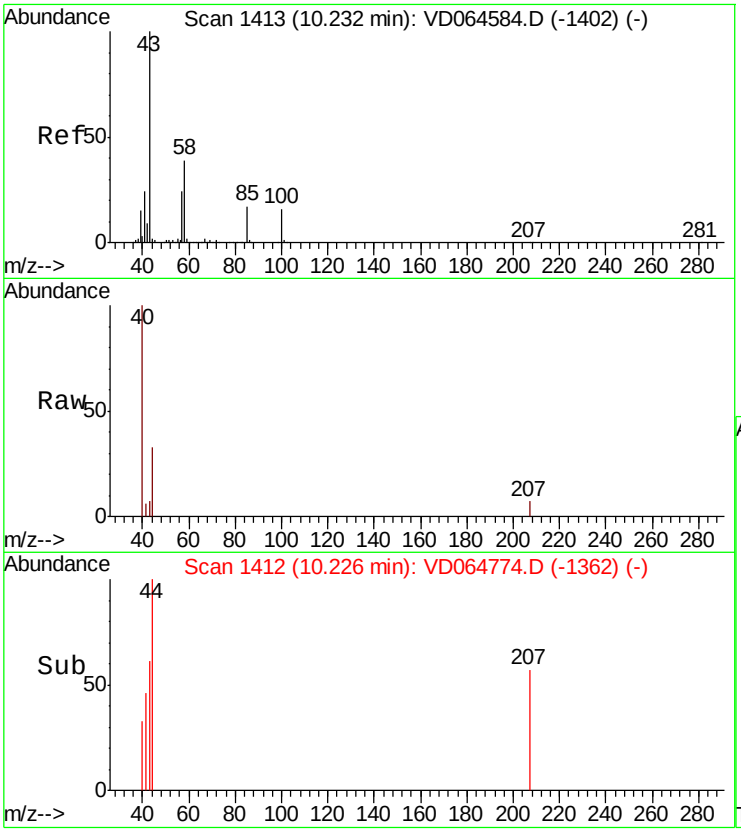


#50
Toluene-d8
Concen: 43.189 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 98 Resp: 10893

Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.7	77.5



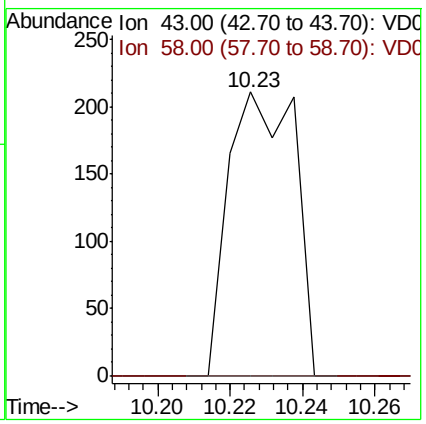


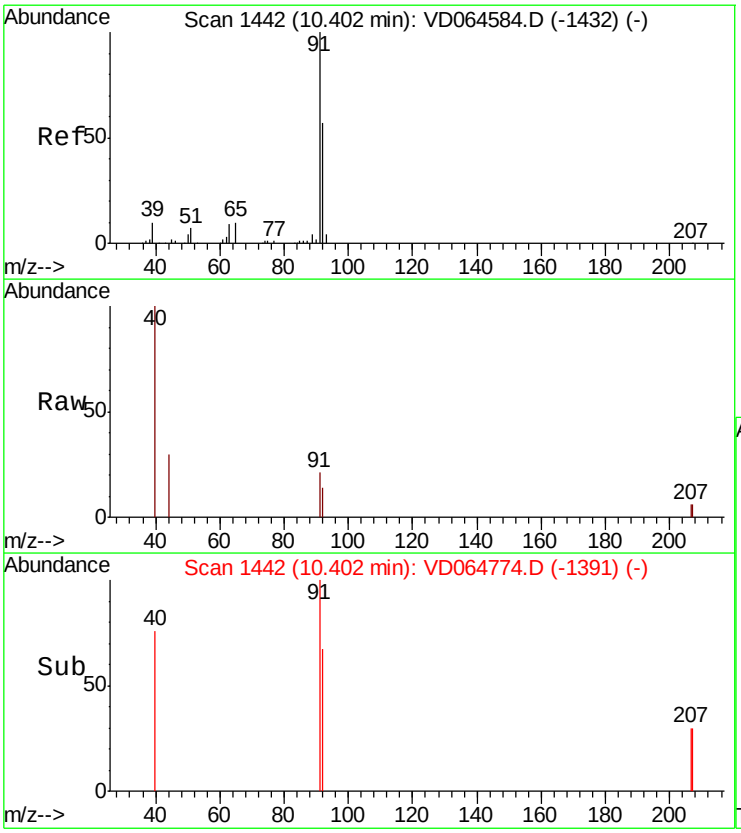
#51
4-Methyl-2-Pentanone
Concen: 6.712 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 268

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#

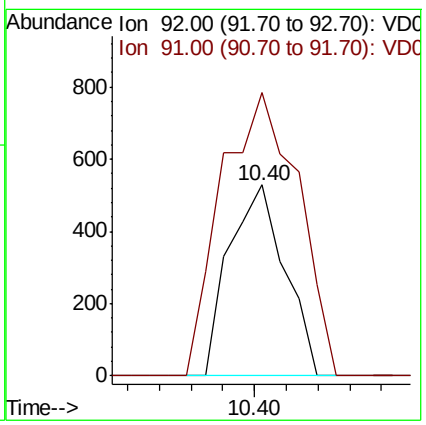


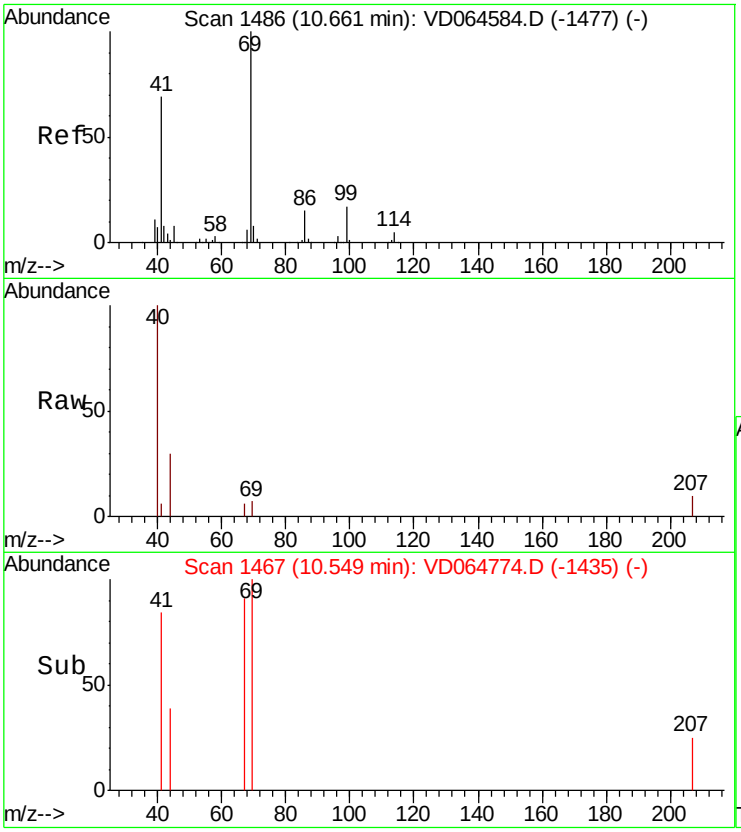


#52
Toluene
Concen: 3.459 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 92 Resp: 640

Ion	Ratio	Lower	Upper
92	100		
91	206.4	138.7	208.1



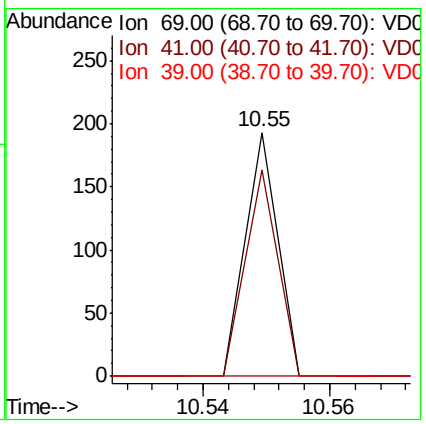


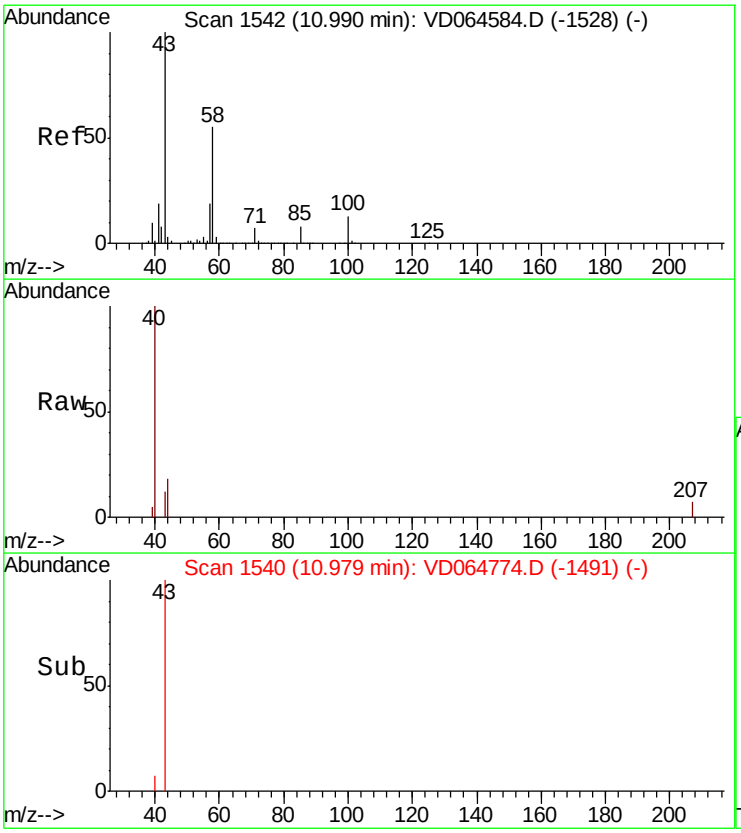
#56
Ethyl methacrylate
Concen: 1.076 ug/l
RT: 10.55 min Scan# 1467
Delta R.T. -0.11 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 69 Resp: 68

Ion	Ratio	Lower	Upper
69	100		
41	85.3	55.3	82.9#
39	0.0	33.8	50.8#

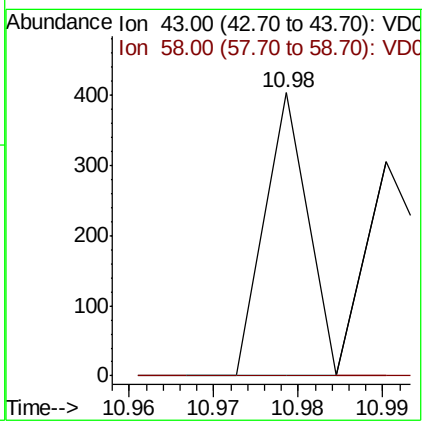


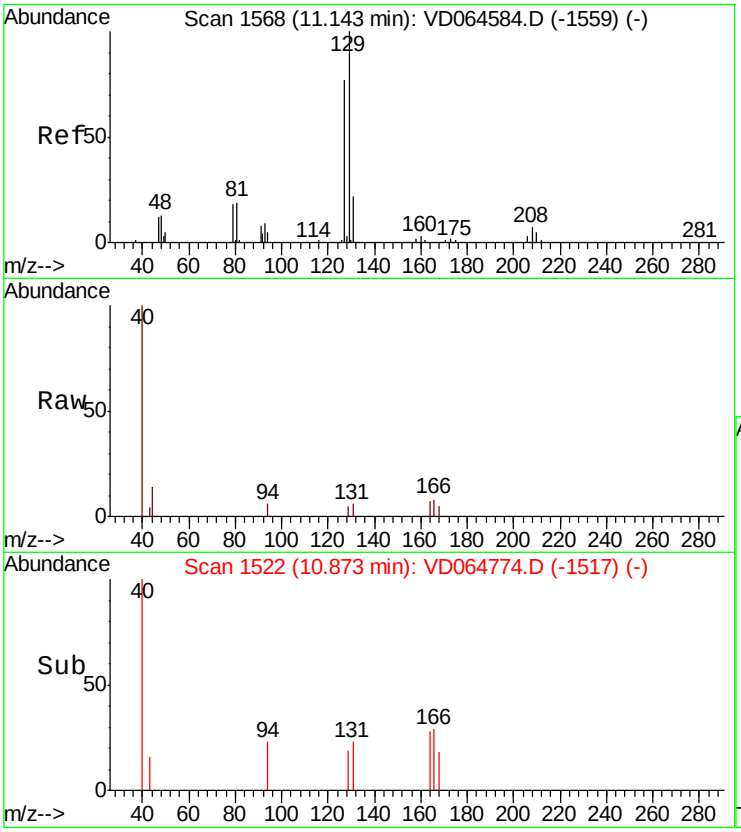


#59
2-Hexanone
Concen: 5.240 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 43 Resp: 142

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	79.0#



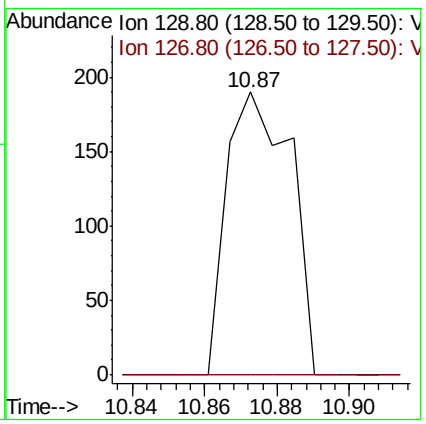


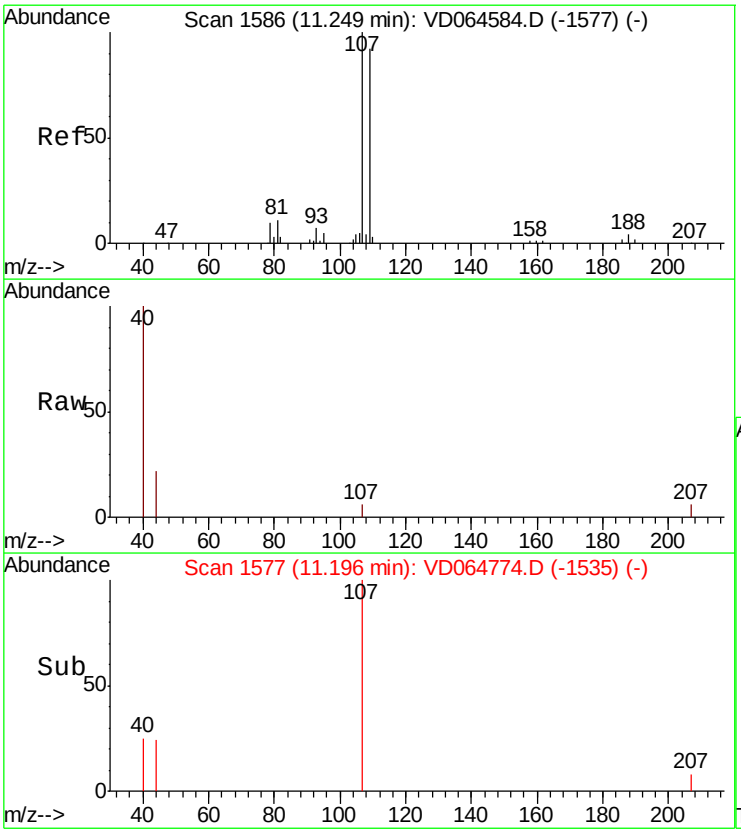
#60
Dibromochloromethane
Concen: 3.330 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:129 Resp: 233

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

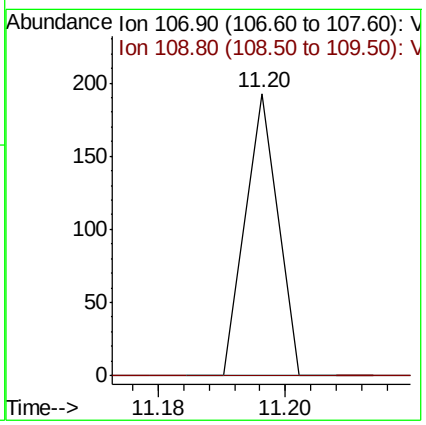


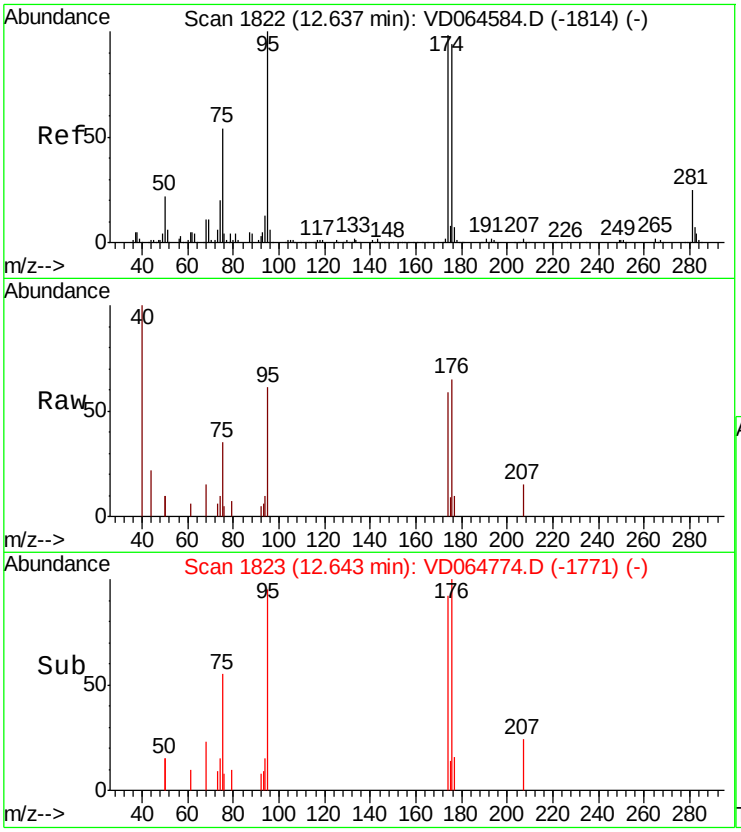


#61
1,2-Dibromoethane
Concen: 1.363 ug/l
RT: 11.20 min Scan# 1577
Delta R.T. -0.05 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:107 Resp: 68

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.6	113.4#



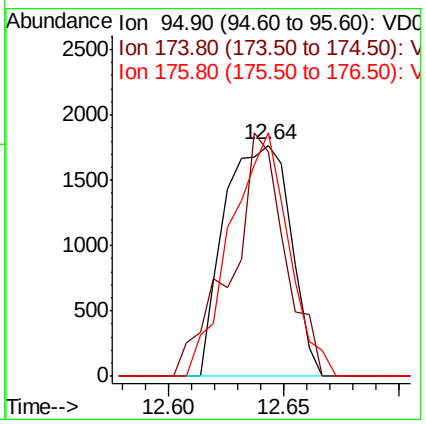


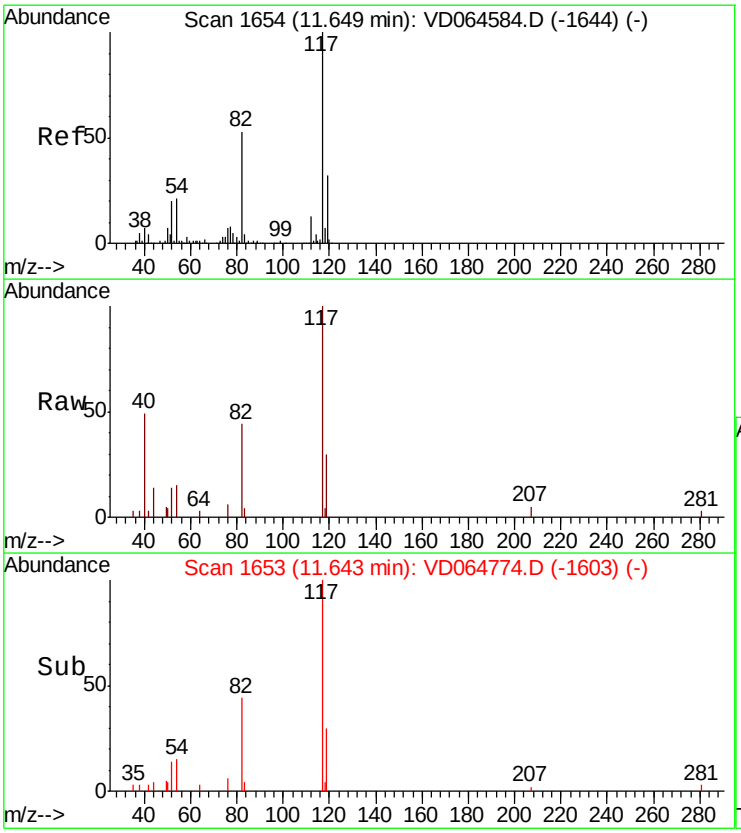
#62
4-Bromofluorobenzene
Concen: 44.173 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 3523

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	193.2
176	92.4	0.0	184.2

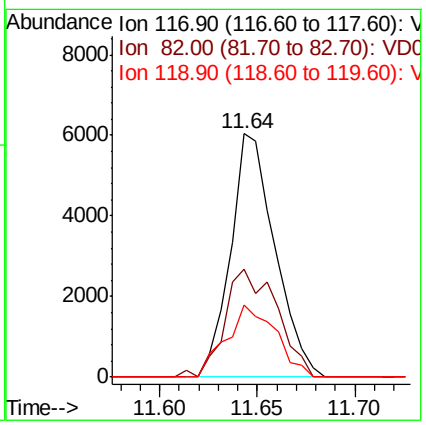


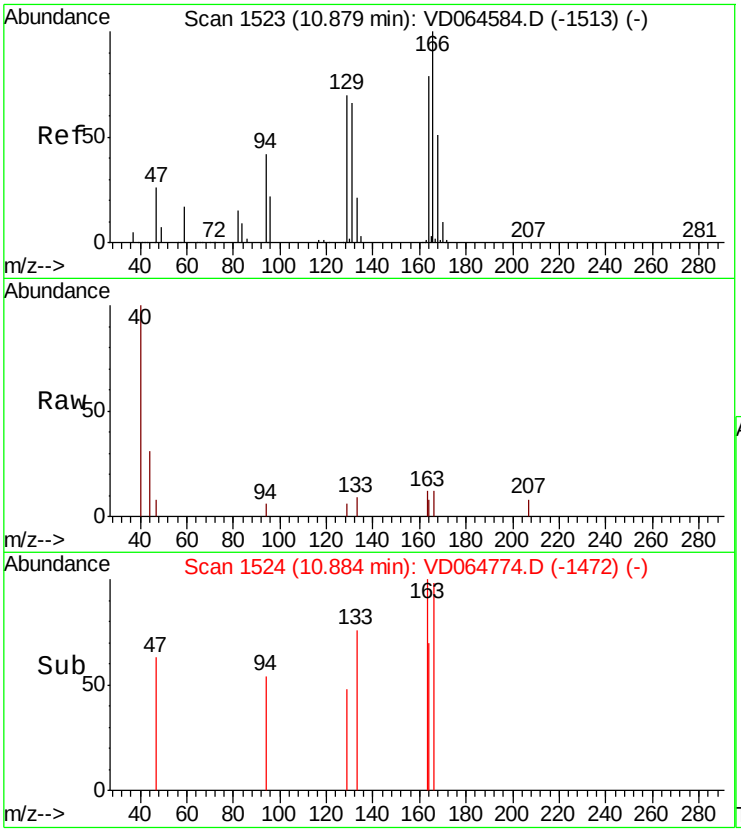


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:117 Resp: 9524

Ion	Ratio	Lower	Upper
117	100		
82	44.3	42.2	63.4
119	29.8	26.0	39.0



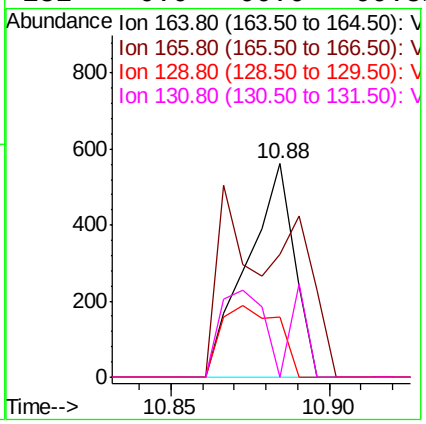


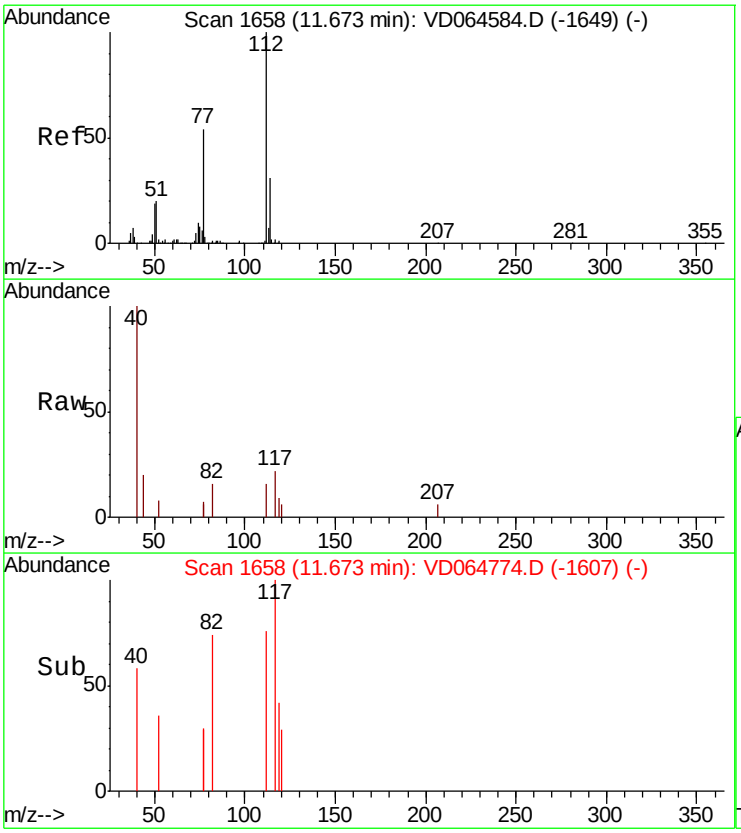
#64
Tetrachloroethene
Concen: 7.924 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:164 Resp: 579

Ion	Ratio	Lower	Upper
164	100		
166	57.5	101.3	151.9#
129	28.3	70.5	105.7#
131	0.0	66.6	99.8#

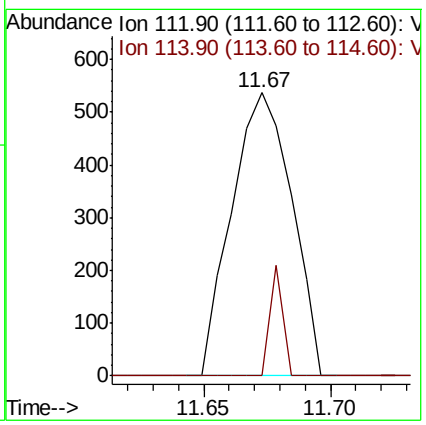


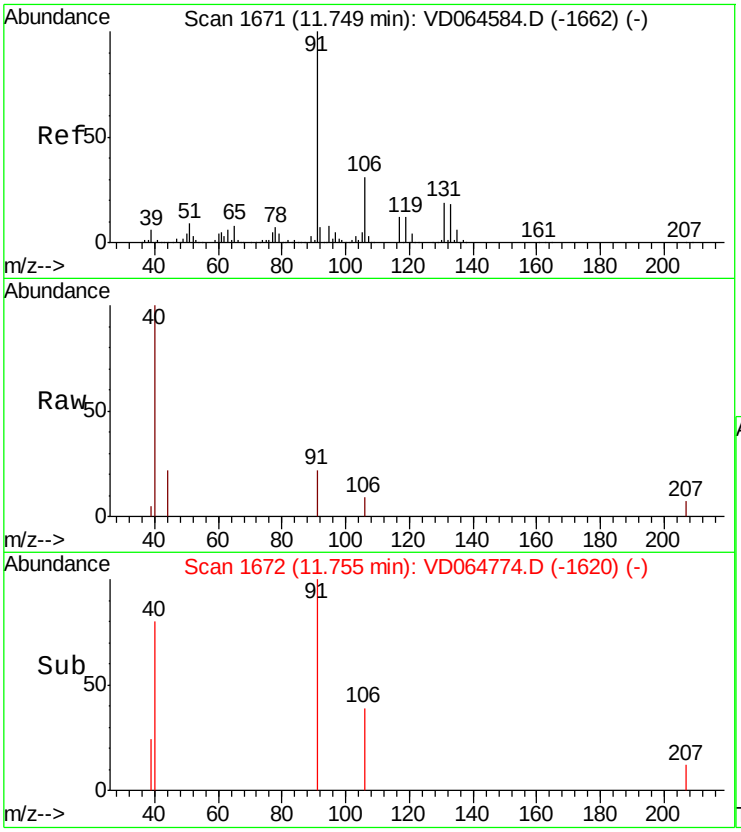


#65
Chlorobenzene
Concen: 4.472 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:112 Resp: 884

Ion	Ratio	Lower	Upper
112	100		
114	0.0	24.8	37.2#



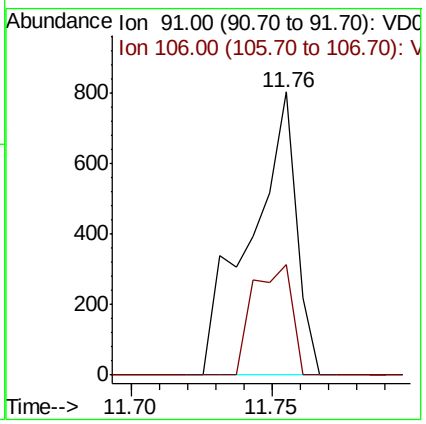


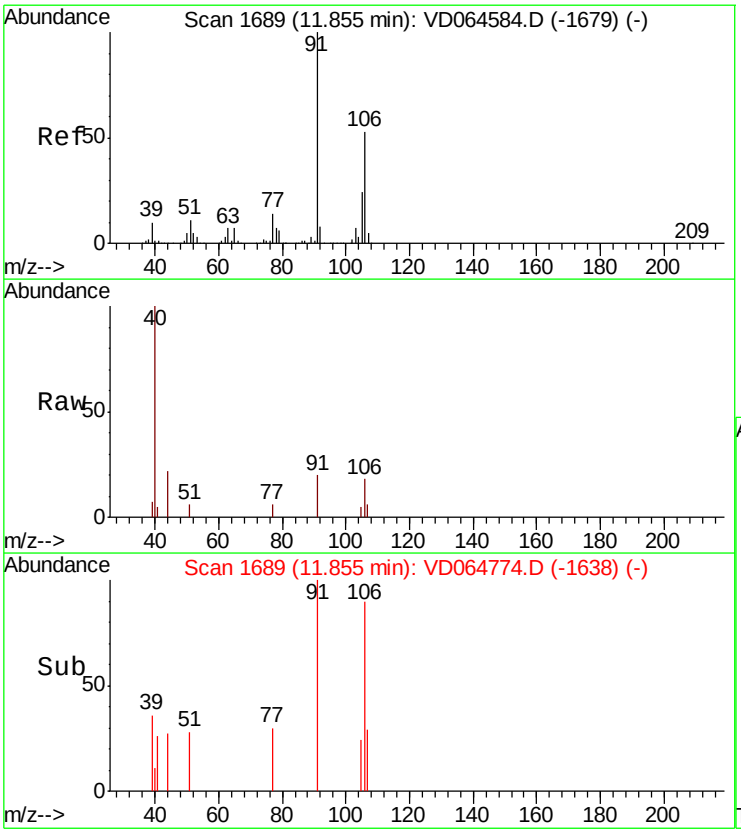
#67
Ethyl Benzene
Concen: 2.542 ug/l
RT: 11.76 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 912

Ion	Ratio	Lower	Upper
91	100		
106	39.1	24.6	36.8#

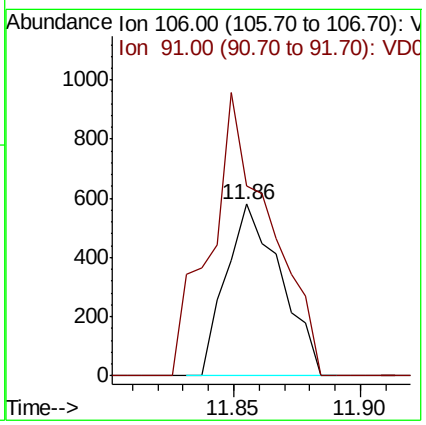


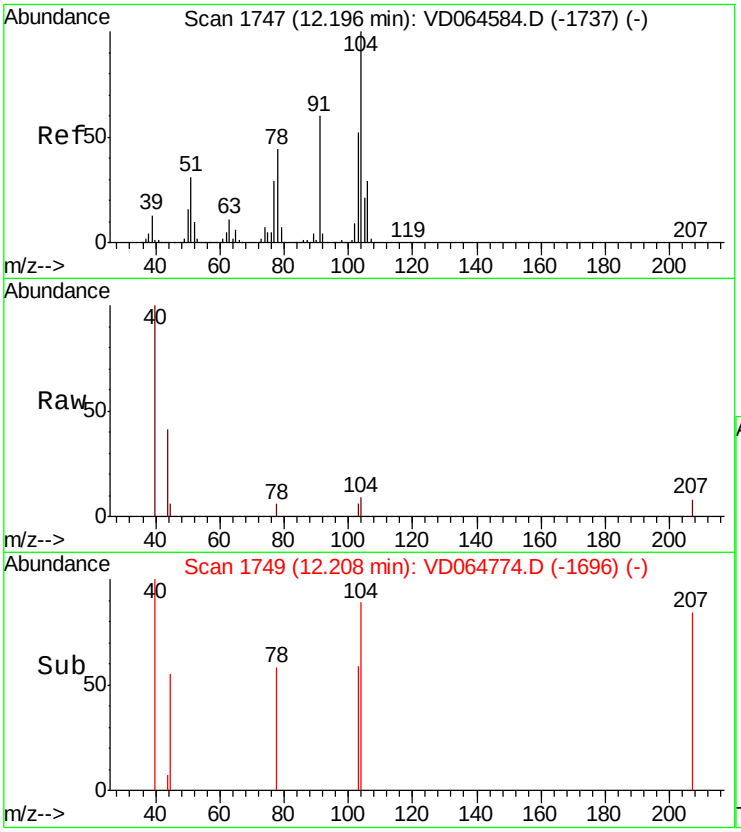


#68
m/p-Xylenes
Concen: 6.319 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:106 Resp: 875

Ion	Ratio	Lower	Upper
106	100		
91	179.2	156.3	234.5



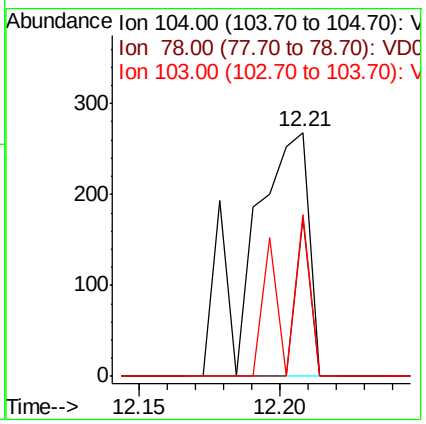


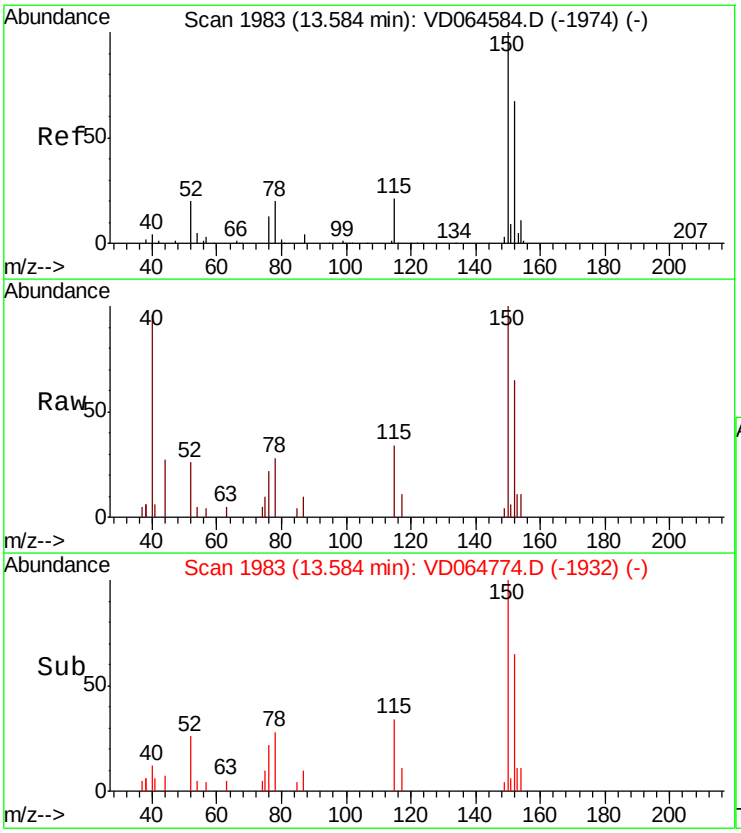
#70
Stvrene
Concen: 1.772 ug/l
RT: 12.21 min Scan# 1749
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:104 Resp: 389

Ion	Ratio	Lower	Upper
104	100		
78	15.7	38.2	57.2#
103	13.9	44.6	67.0#

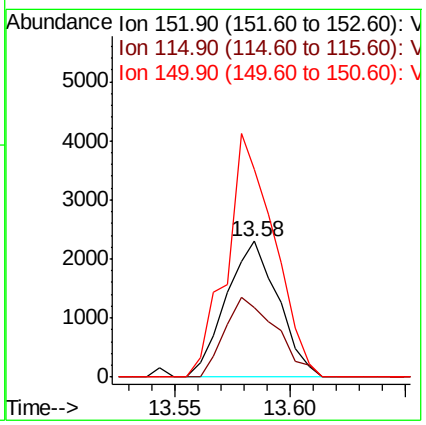


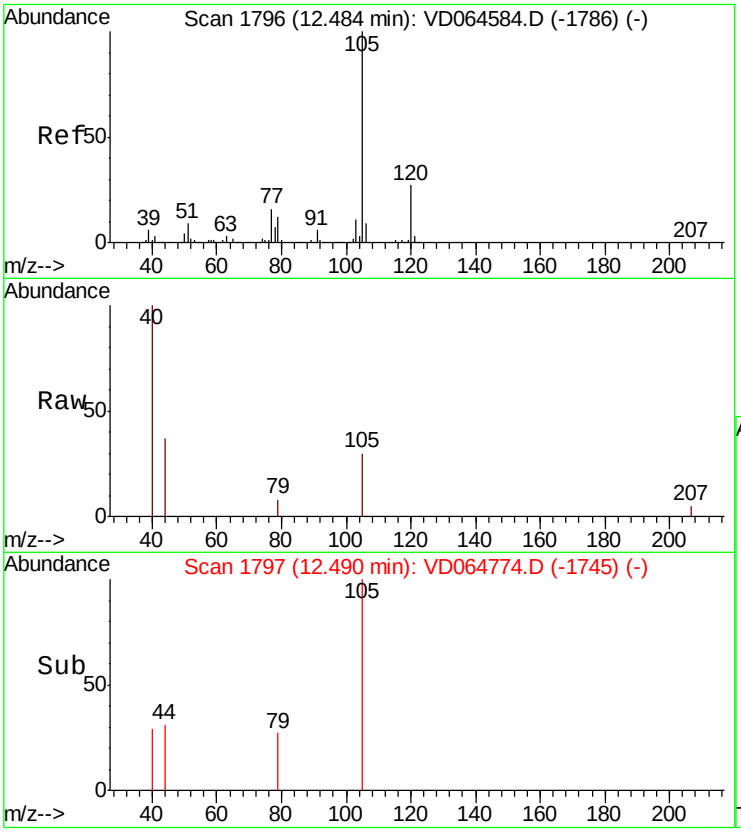


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:152 Resp: 3619

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.8	83.4
150	162.9	0.0	351.4



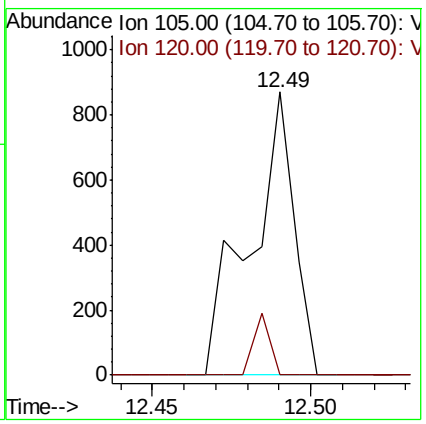


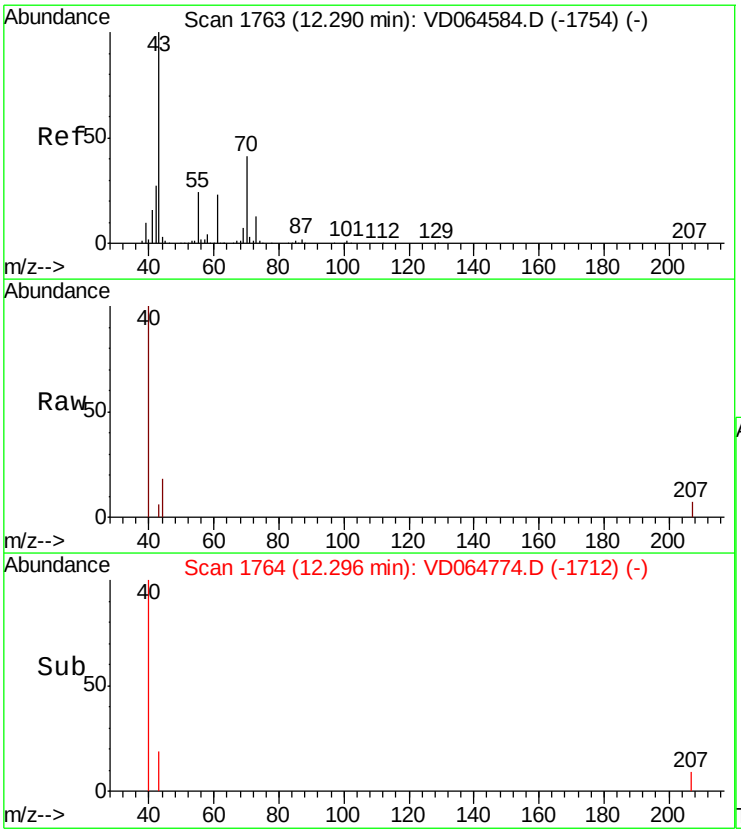
#73
Isopropylbenzene
Concen: 3.244 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 839

Ion	Ratio	Lower	Upper
105	100		
120	8.1	13.5	40.5#

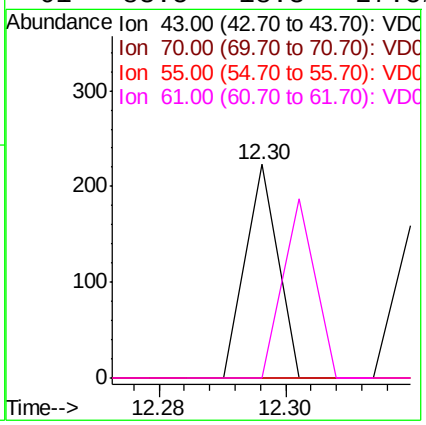


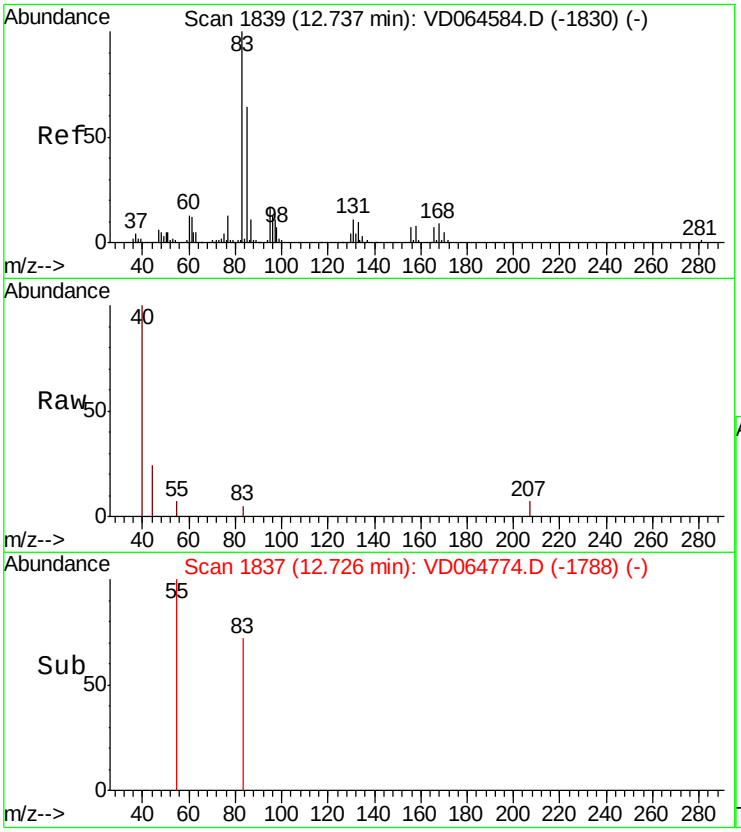


#74
N-amyl acetate
Concen: 1.429 ug/l
RT: 12.30 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	0.0	19.4	29.0#
61	83.5	18.3	27.5#



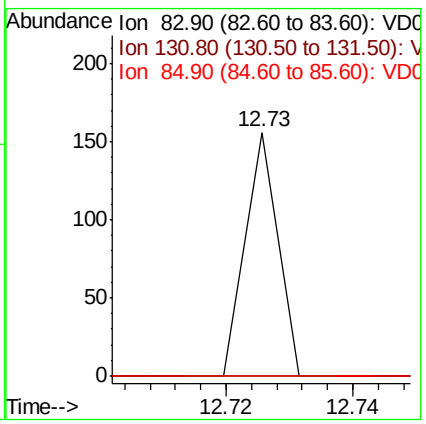


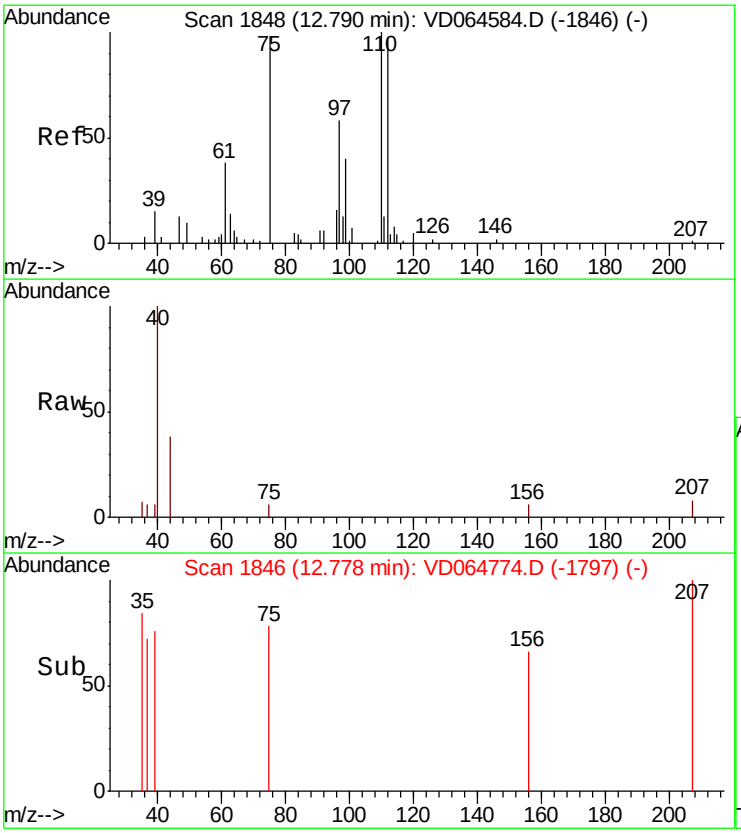
#75
1,1,2,2-Tetrachloroethane
Concen: 1.354 ug/l
RT: 12.73 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 55

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	0.0	32.3	96.9#

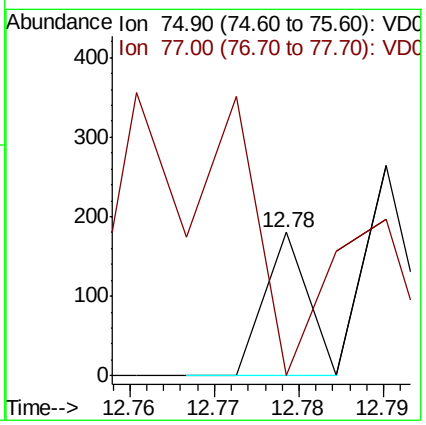


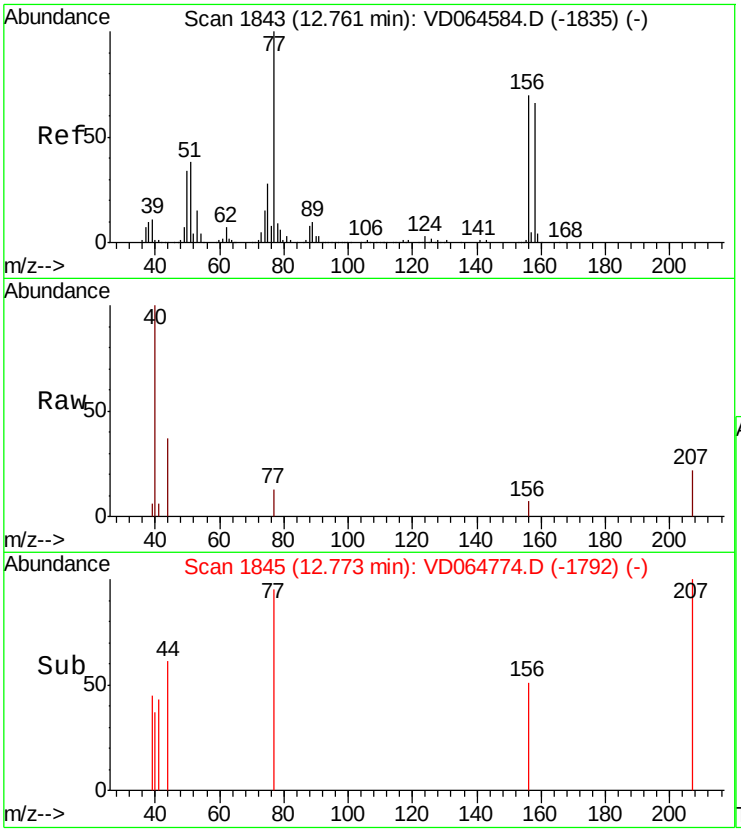


#76
1,2,3-Trichloropropane
Concen: 2.205 ug/l
RT: 12.78 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
77	690.5	0.0	0.0#



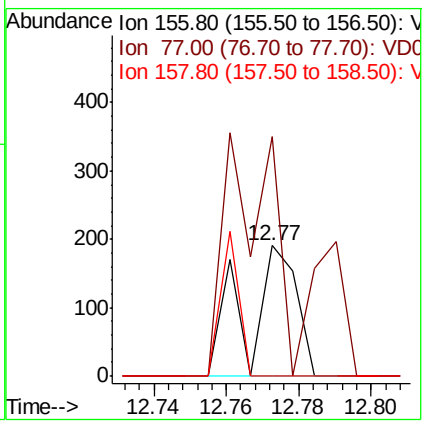


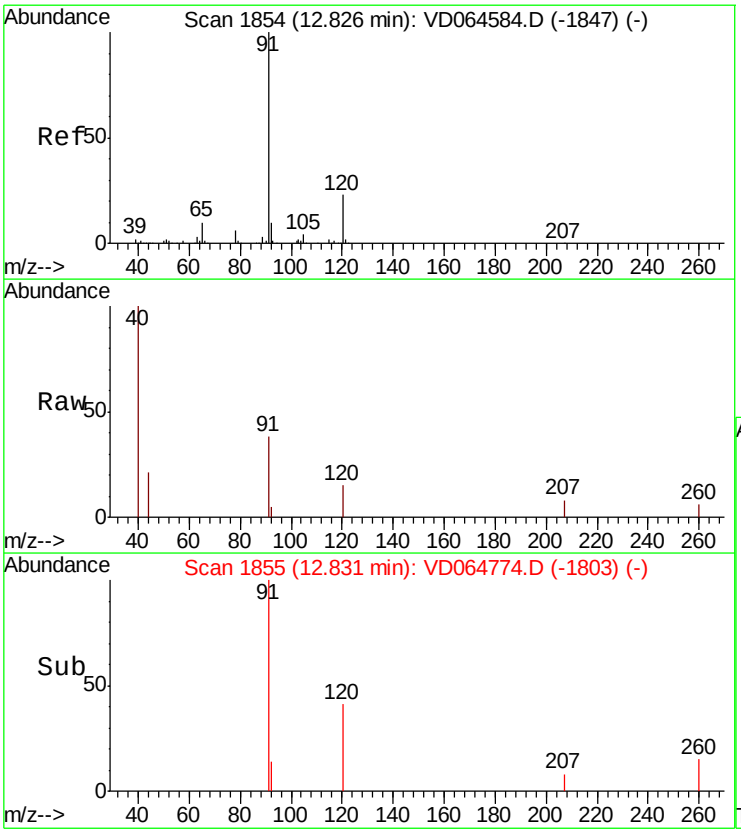
#77
Bromobenzene
Concen: 2.848 ug/l
RT: 12.77 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:156 Resp: 181

Ion	Ratio	Lower	Upper
156	100		
77	240.3	80.9	242.7
158	41.4	48.0	144.2#

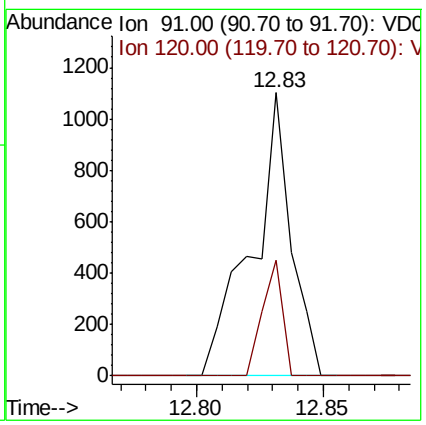


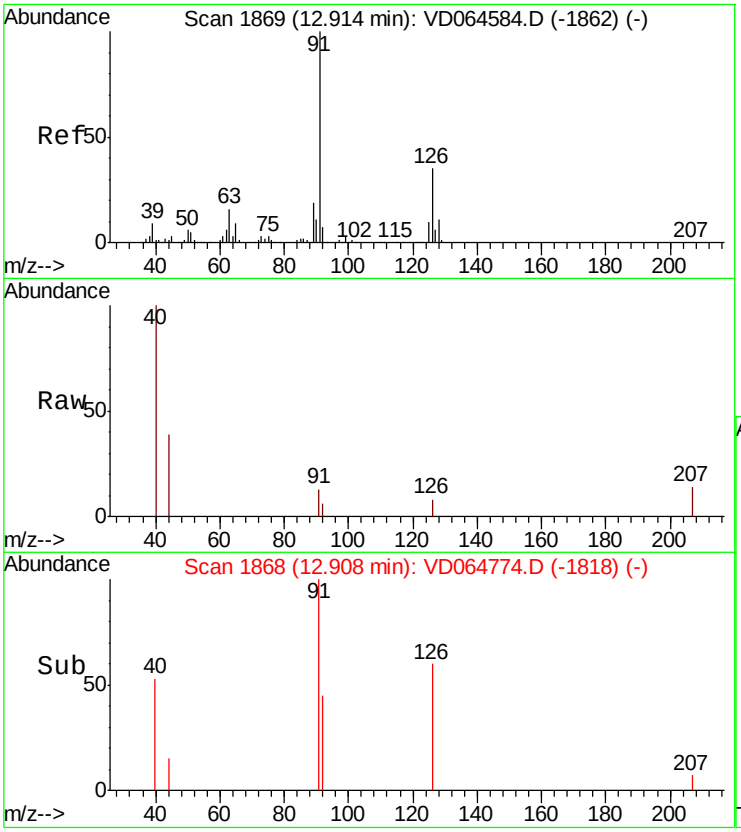


#78
n-propylbenzene
Concen: 3.918 ug/l
RT: 12.83 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 91 Resp: 1182

Ion	Ratio	Lower	Upper
91	100		
120	21.0	11.9	35.9



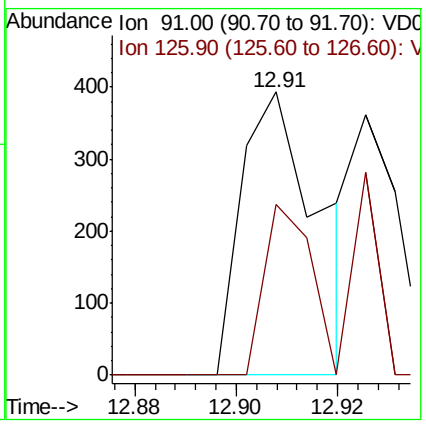


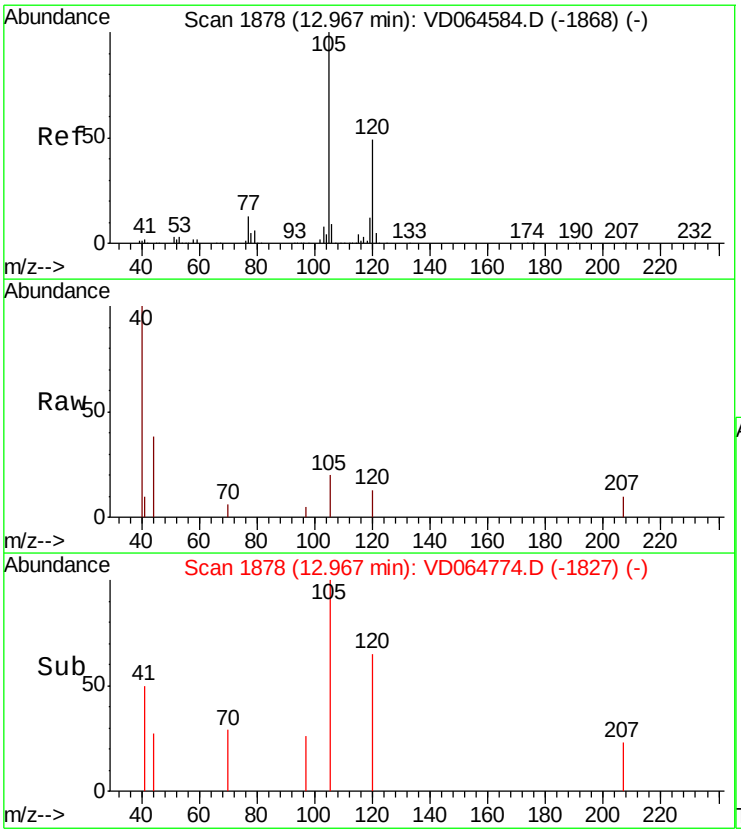
#79
2-Chlorotoluene
Concen: 2.492 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 413

Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.8	53.5

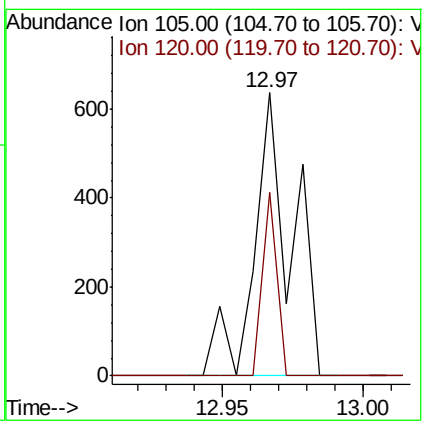


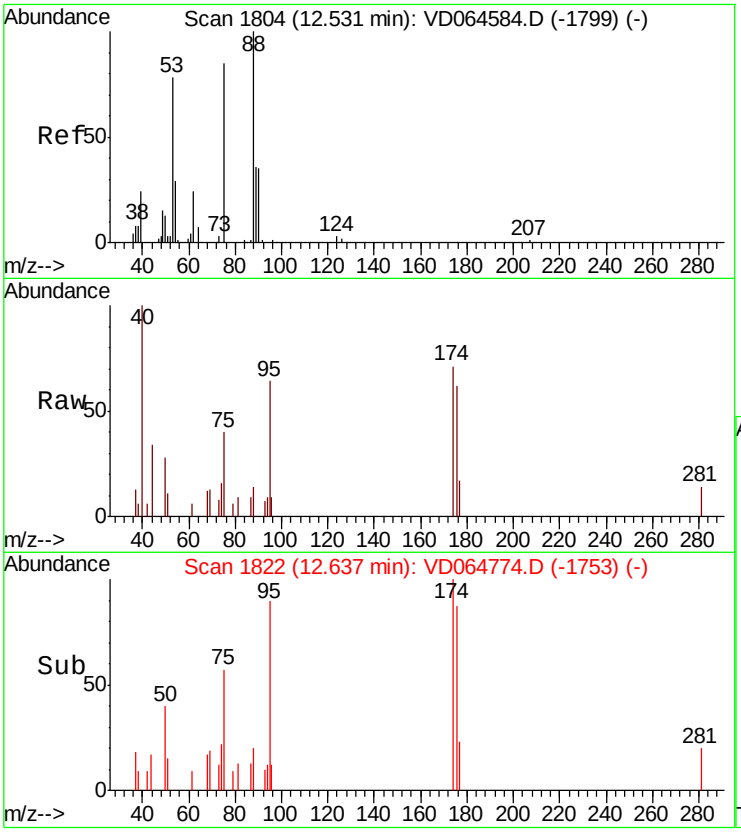


#80
1,3,5-Trimethylbenzene
Concen: 2.768 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:105 Resp: 588

Ion	Ratio	Lower	Upper
105	100		
120	24.8	25.0	75.0#



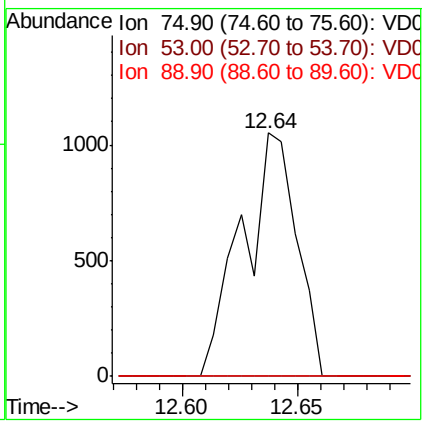


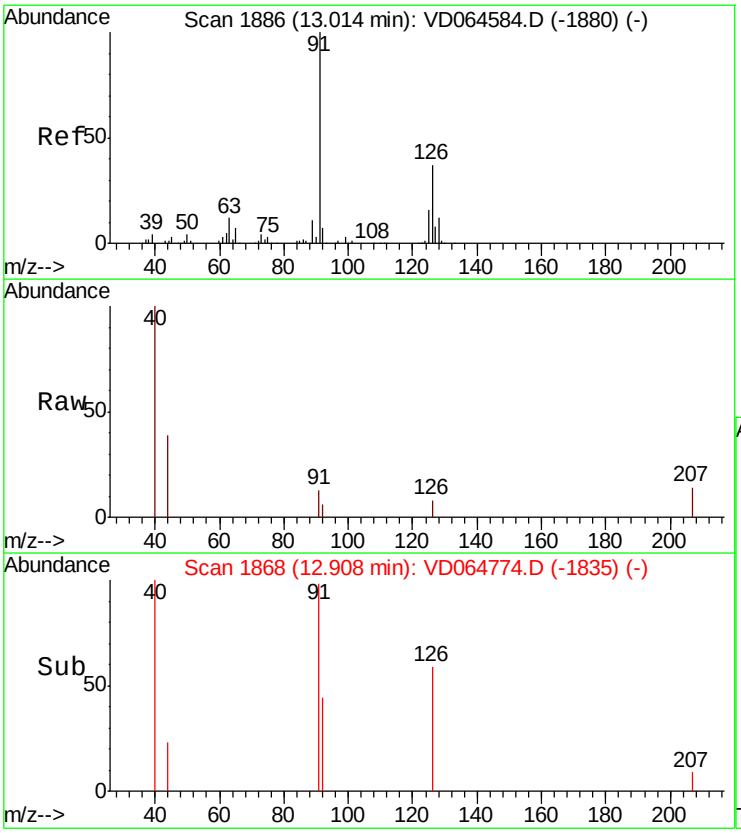
#81
trans-1,4-Dichloro-2-butene
Concen: 125.878 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1720

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.8	118.2#
89	0.0	38.3	57.5#

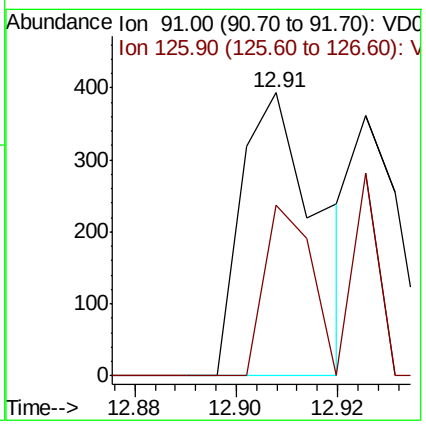


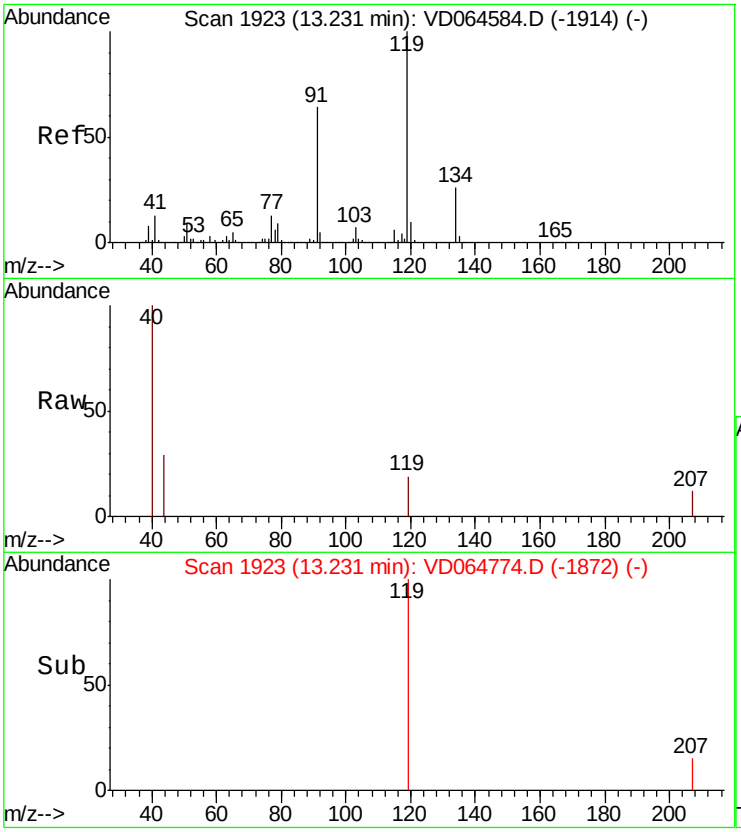


#82
4-Chlorotoluene
Concen: 2.341 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.11 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion: 91 Resp: 413

Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.8	53.5



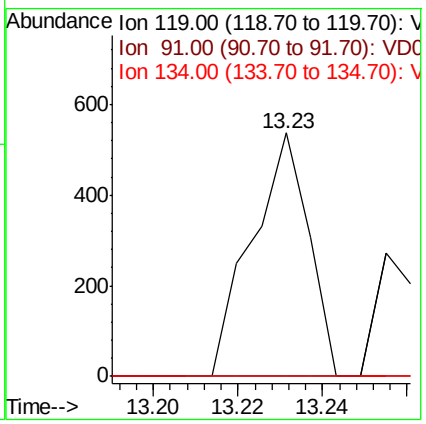


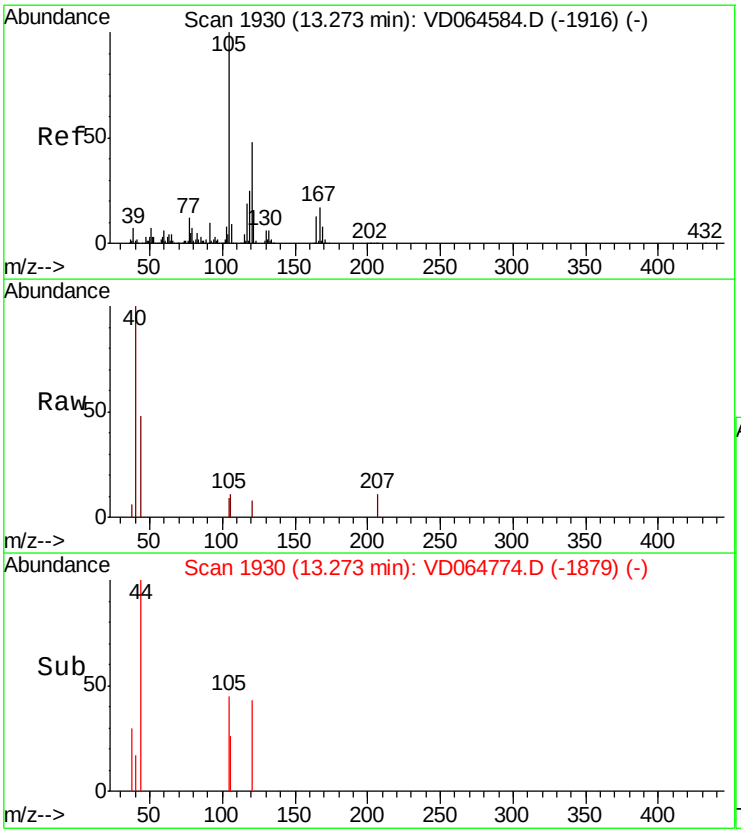
#83
tert-Butylbenzene
Concen: 2.727 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 503

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.8	92.4#
134	0.0	12.8	38.3#

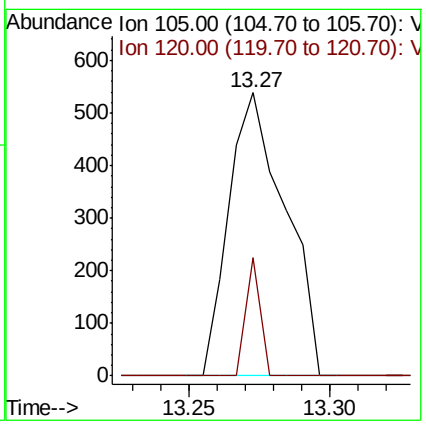


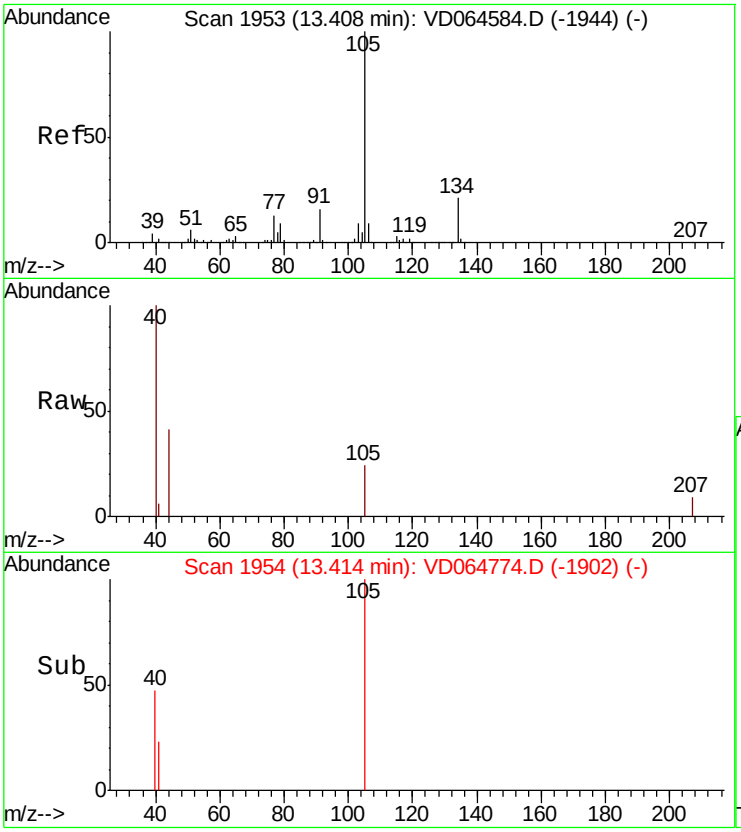


#84
1,2,4-Trimethylbenzene
Concen: 3.526 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:105 Resp: 746

Ion	Ratio	Lower	Upper
105	100		
120	10.6	23.8	71.2#



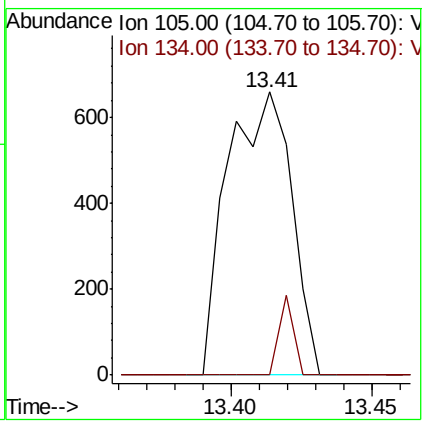


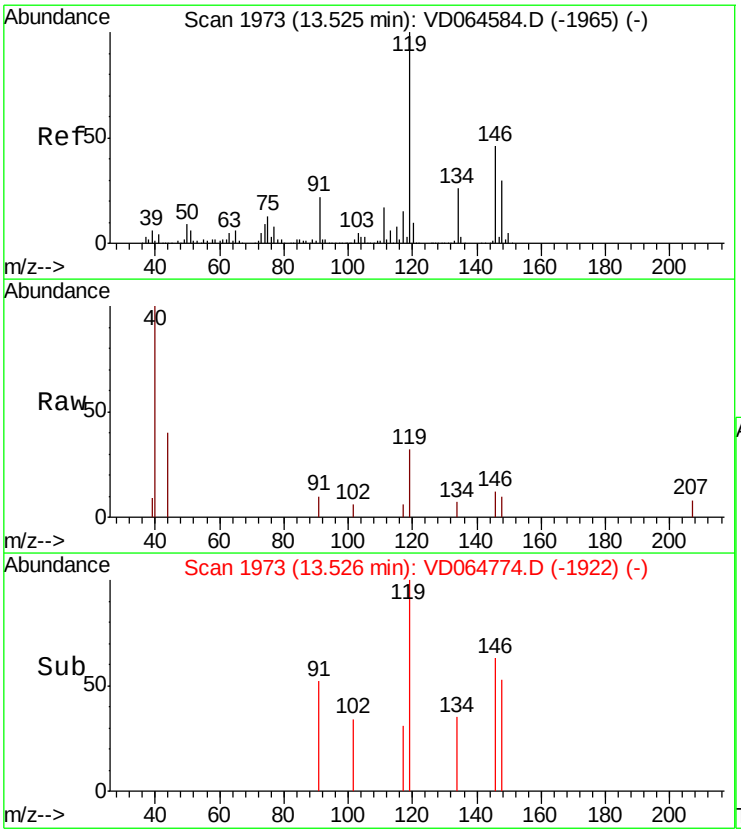
#85
sec-Butylbenzene
Concen: 4.093 ug/l
RT: 13.41 min Scan# 1954
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 1035

Ion	Ratio	Lower	Upper
105	100		
134	6.3	10.6	31.8#

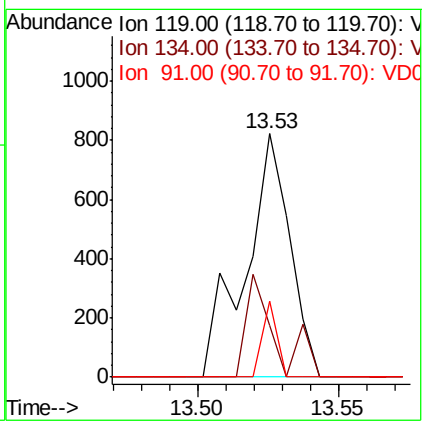


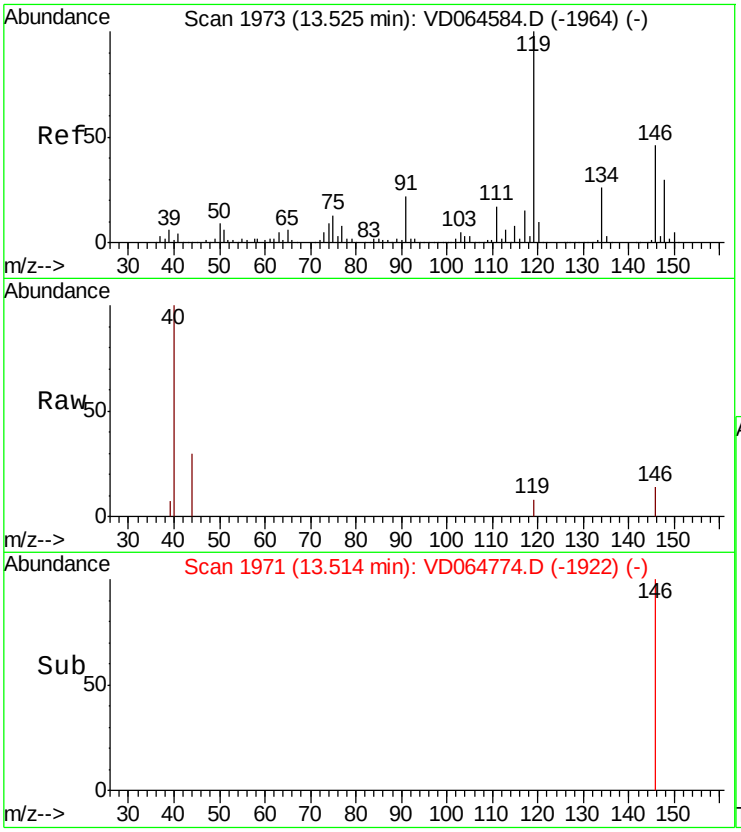


#86
p-Isopropyltoluene
Concen: 3.718 ug/l
RT: 13.53 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:119 Resp: 899

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.4	40.1
91	10.0	11.2	33.6#



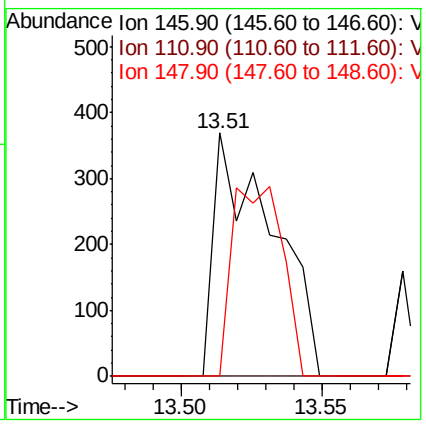


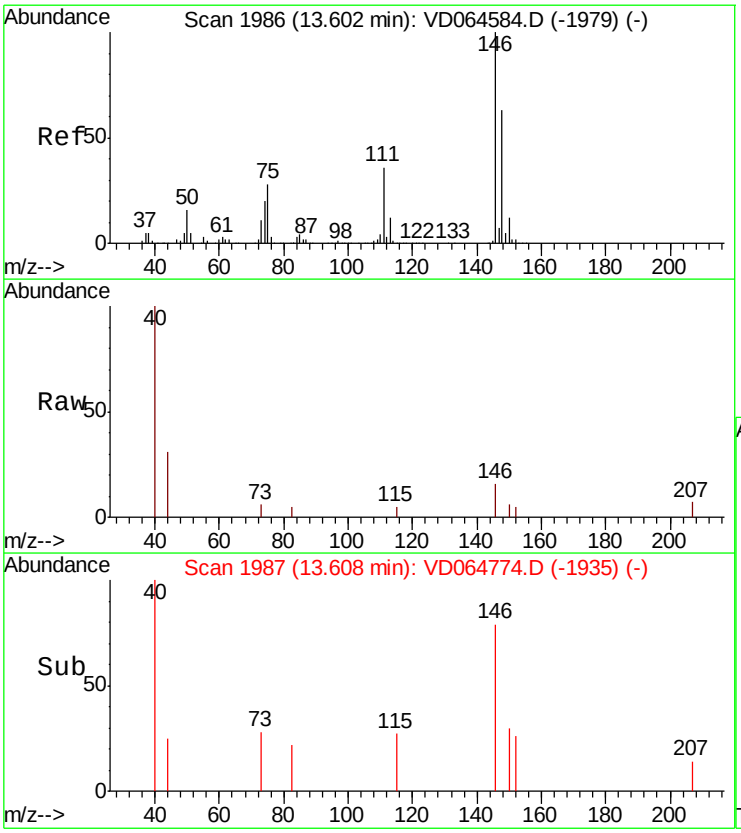
#87
1,3-Dichlorobenzene
Concen: 4.375 ug/l
RT: 13.51 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:146 Resp: 530

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.8	56.4#
148	67.2	32.5	97.5

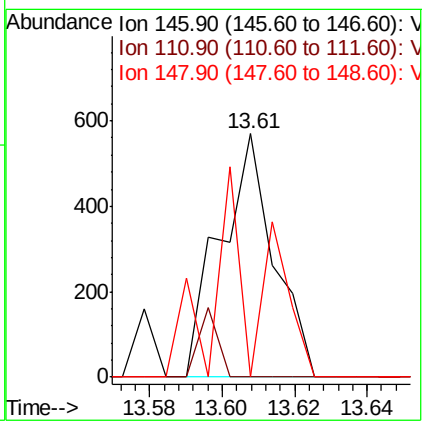


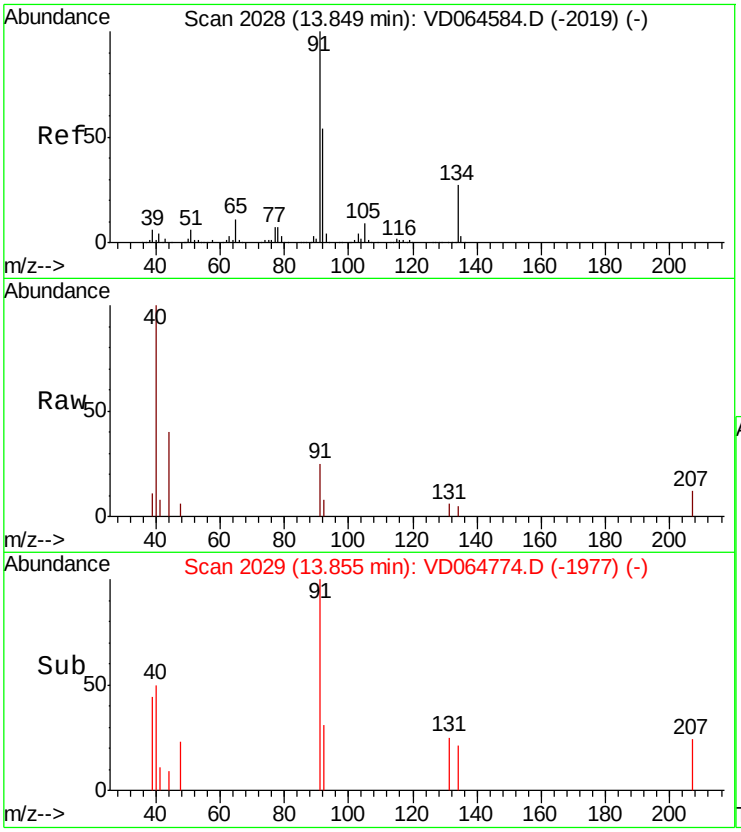


#88
1,4-Dichlorobenzene
Concen: 4.958 ug/l
RT: 13.61 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:146 Resp: 590

Ion	Ratio	Lower	Upper
146	100		
111	9.7	18.1	54.1#
148	74.7	32.3	96.9



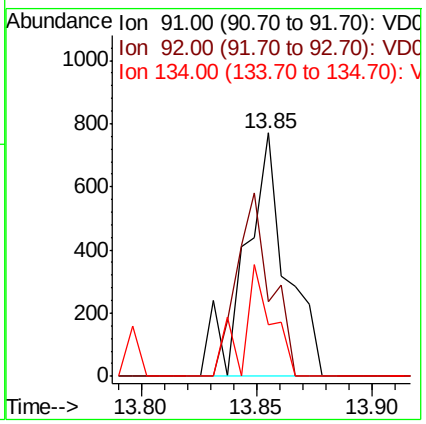


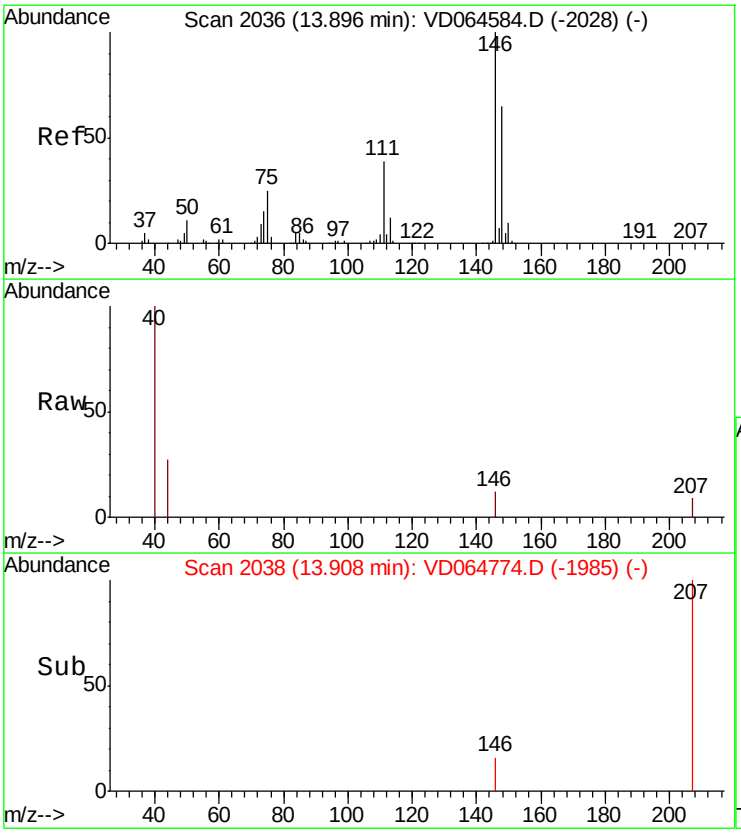
#89
n-Butylbenzene
Concen: 4.358 ug/l
RT: 13.85 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 949

Ion	Ratio	Lower	Upper
91	100		
92	63.2	26.8	80.4
134	32.6	14.0	41.9

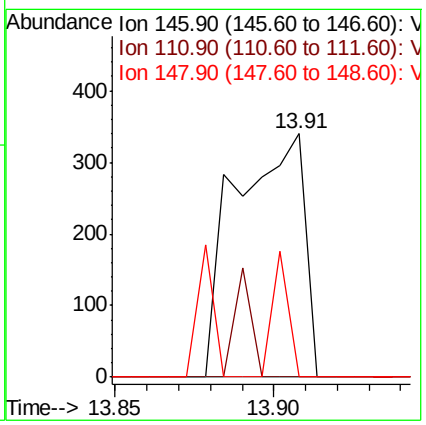


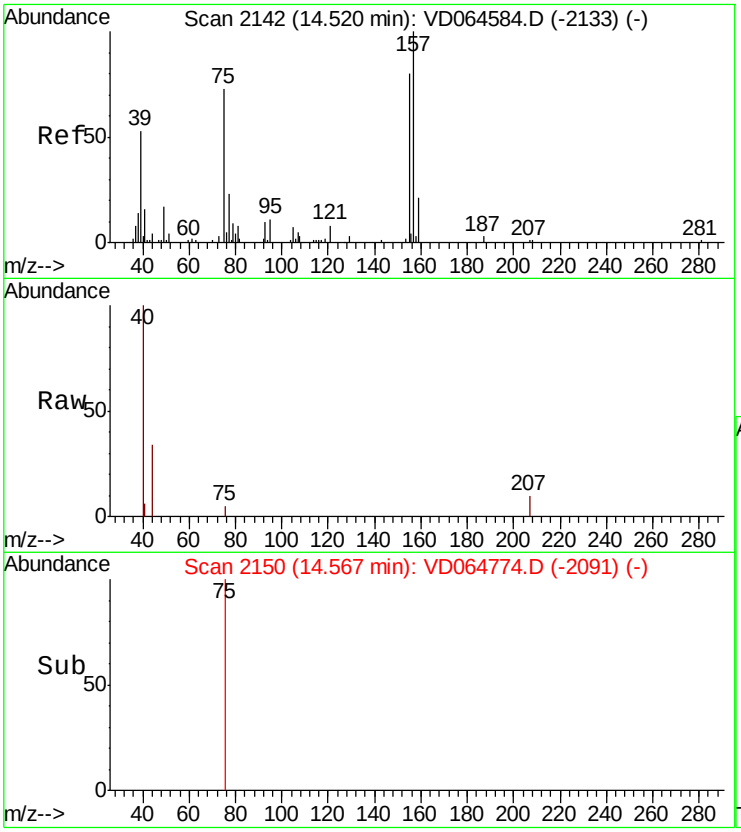


#91
1,2-Dichlorobenzene
Concen: 4.957 ug/l
RT: 13.91 min Scan# 2038
Delta R.T. 0.01 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:146 Resp: 512

Ion	Ratio	Lower	Upper
146	100		
111	10.5	19.3	57.9#
148	12.1	31.9	95.5#



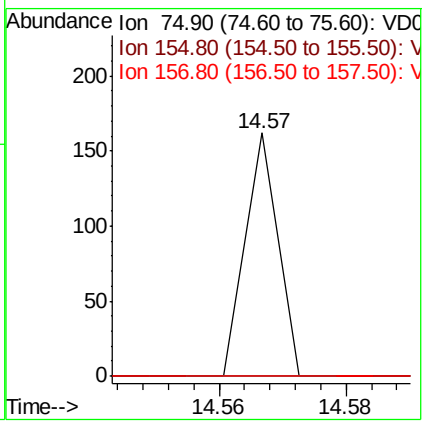


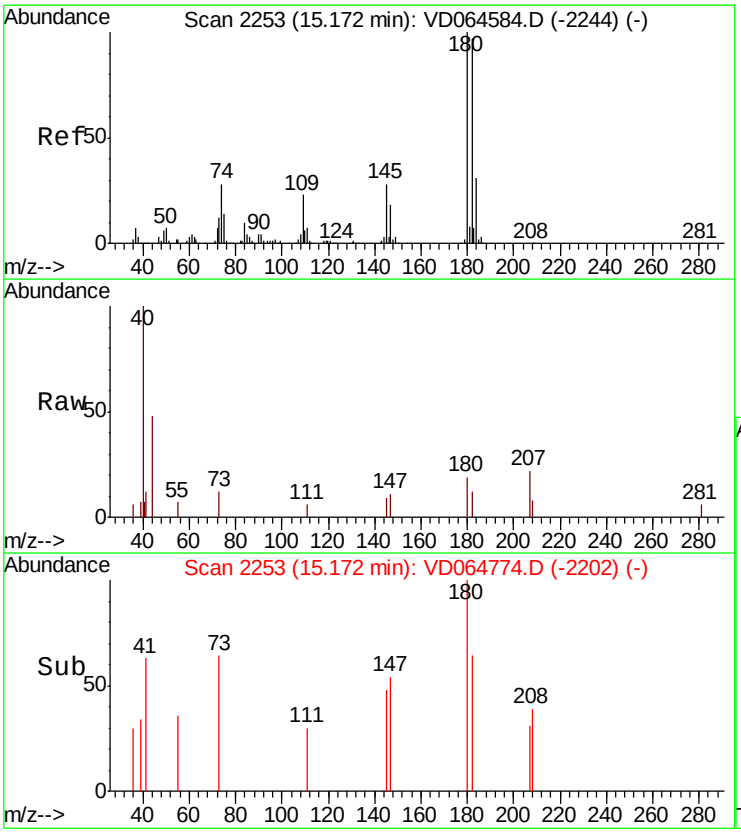
#92
1,2-Dibromo-3-Chloropropane
Concen: 8.655 ug/l
RT: 14.57 min Scan# 2150
Delta R.T. 0.05 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 57

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.0#
157	0.0	64.1	192.3#

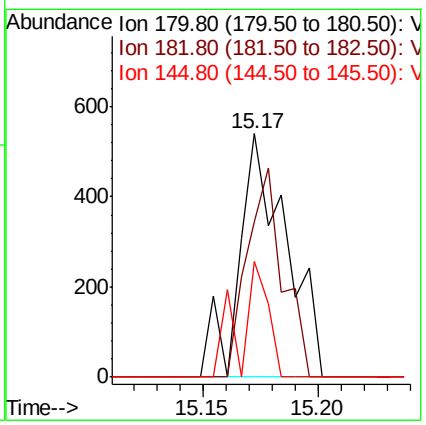


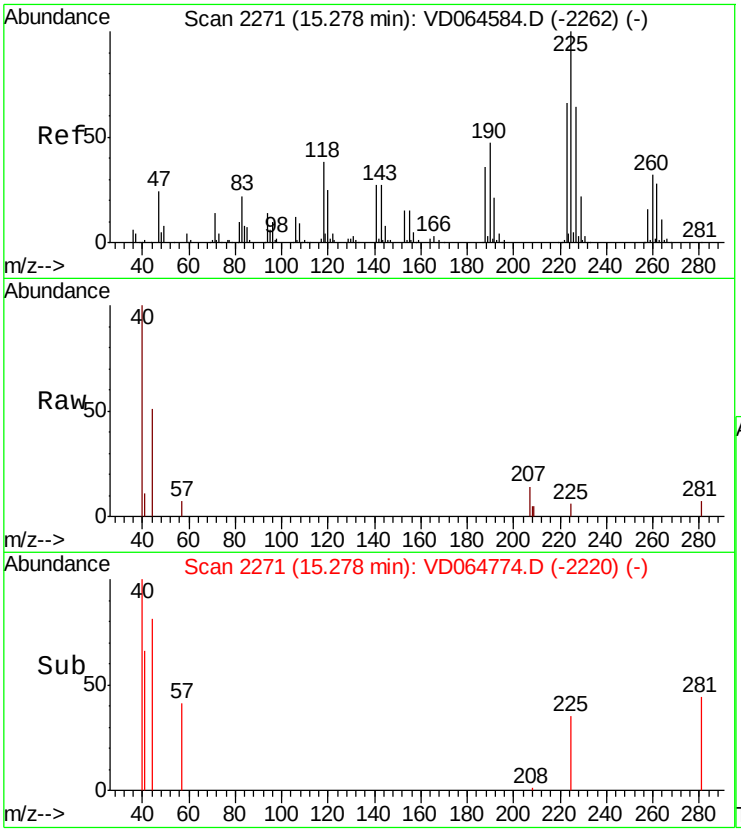


#93
1,2,4-Trichlorobenzene
Concen: 10.137 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:180 Resp: 771

Ion	Ratio	Lower	Upper
180	100		
182	64.9	48.0	144.2
145	28.1	13.8	41.4



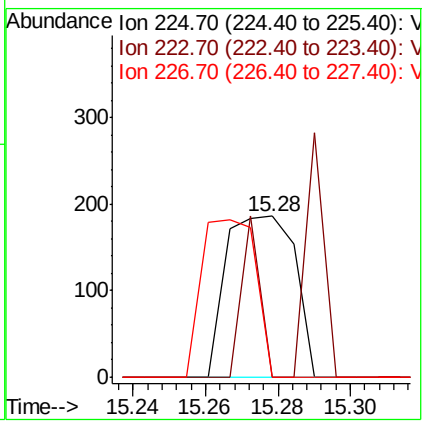


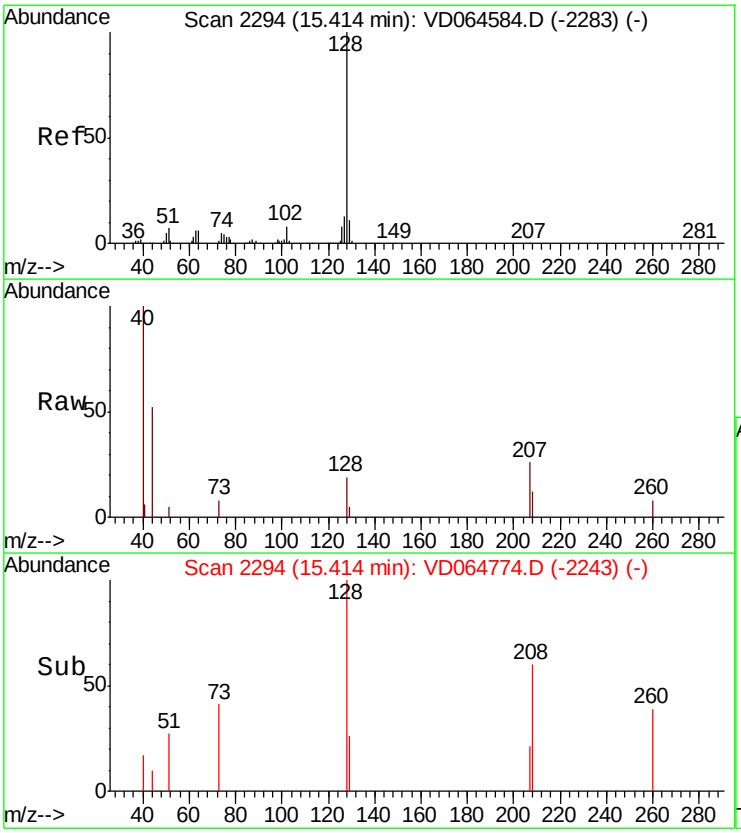
#94
Hexachlorobutadiene
Concen: 5.119 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:225 Resp: 245

Ion	Ratio	Lower	Upper
225	100		
223	26.9	31.1	93.2#
227	76.7	30.9	92.7

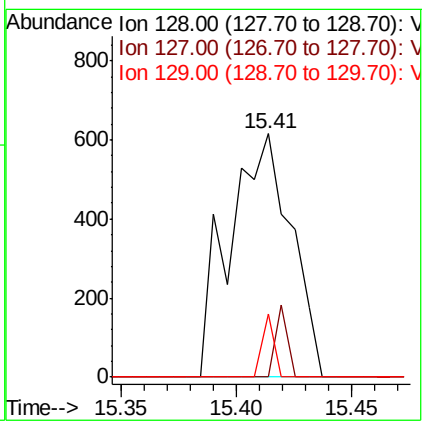


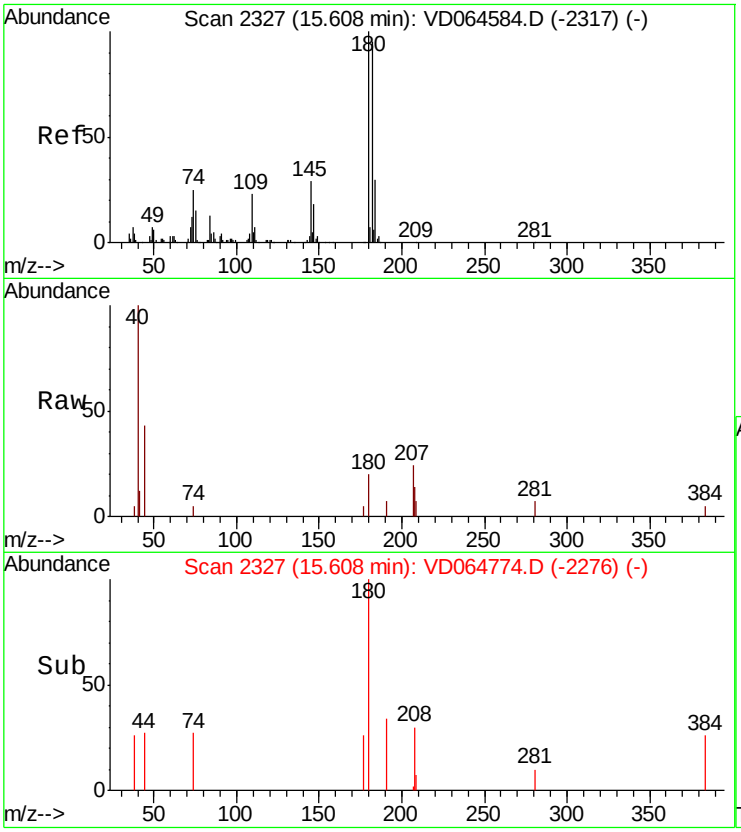


#95
Naphthalene
Concen: 9.557 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Tgt Ion:128 Resp: 1150

Ion	Ratio	Lower	Upper
128	100		
127	5.7	10.3	15.5#
129	4.9	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 14.246 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD064774.D
Acq: 06 Jan 2020 15:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 925

Ion	Ratio	Lower	Upper
180	100		
182	27.0	47.9	143.7#
145	0.0	14.9	44.7#