Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062819\
Data File : VD062964.D
Acq On : 28 Jun 2019 14:20
Operator : VA/AP
Sample : K3507-03RE
Misc : 5.74g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : NB-07-062619-BRE

Quant Time: Jun 29 00:14:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	13981	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	20696	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	19159	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	13196	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	15205	100.05	ug/l	-0.03
Spiked Amount 50.000			Recovery = 200.10%			
35) Dibromofluoromethane	6.90	113	10404	59.62	ug/l	-0.03
Spiked Amount 50.000			Recovery = 119.24%			
50) Toluene-d8	10.39	98	18818	49.55	ug/l	-0.03
Spiked Amount 50.000			Recovery = 99.10%			
62) 4-Bromofluorobenzene	13.54	95	11710	67.80	ug/l	-0.02
Spiked Amount 50.000			Recovery = 135.60%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	575	4.226	ug/l #	45
4) Vinyl Chloride	1.78	62	232	1.720	ug/l #	43
5) Bromomethane	2.15	94	1658	26.243	ug/l #	1
6) Chloroethane	2.31	64	186	3.045	ug/l #	1
8) Diethyl Ether	2.94	74	216	6.227	ug/l	53
9) 1,1,2-Trichlorotrifluoroet	3.09	101	201	1.359	ug/l #	19
10) Methyl Iodide	3.28	142	671	3.439	ug/l #	27
12) 1,1-Dichloroethene	3.05	96	180	1.622	ug/l #	1
13) Acrolein	3.02	56	263	37.220	ug/l	89
14) Allyl chloride	3.54	41	197	1.202	ug/l #	6
16) Acetone	3.21	43	3826	120.523	ug/l #	64
18) Methyl Acetate	3.62	43	425	9.264	ug/l #	58
20) Methylene Chloride	3.80	84	213	1.838	ug/l #	5
25) 2-Butanone	6.04	43	206	7.248	ug/l #	64
29) Tetrahydrofuran	6.46	42	178	13.236	ug/l #	33
31) Cyclohexane	6.91	56	219	1.535	ug/l #	13
36) 1,1-Dichloropropene	7.02	75	585	2.986	ug/l #	46
37) Ethyl Acetate	6.13	43	277	2.316	ug/l #	69
38) Carbon Tetrachloride	7.03	117	1239	4.205	ug/l #	13
42) 1,2-Dichloroethane	7.43	62	300	1.398	ug/l	85
43) Isopropyl Acetate	9.25	43	201	1.957	ug/l #	48
51) 4-Methyl-2-Pentanone	10.32	43	209	2.870	ug/l #	41
54) cis-1,3-Dichloropropene	10.06	75	229	1.180	ug/l #	19
60) Dibromochloromethane	11.58	129	213	1.259	ug/l #	11
81) trans-1,4-Dichloro-2-buten	13.54	75	5319	133.223	ug/l #	2
84) 1,2,4-Trimethylbenzene	14.23	105	739	1.015	ug/l #	29
88) 1,4-Dichlorobenzene	14.52	146	412	1.006	ug/l #	1

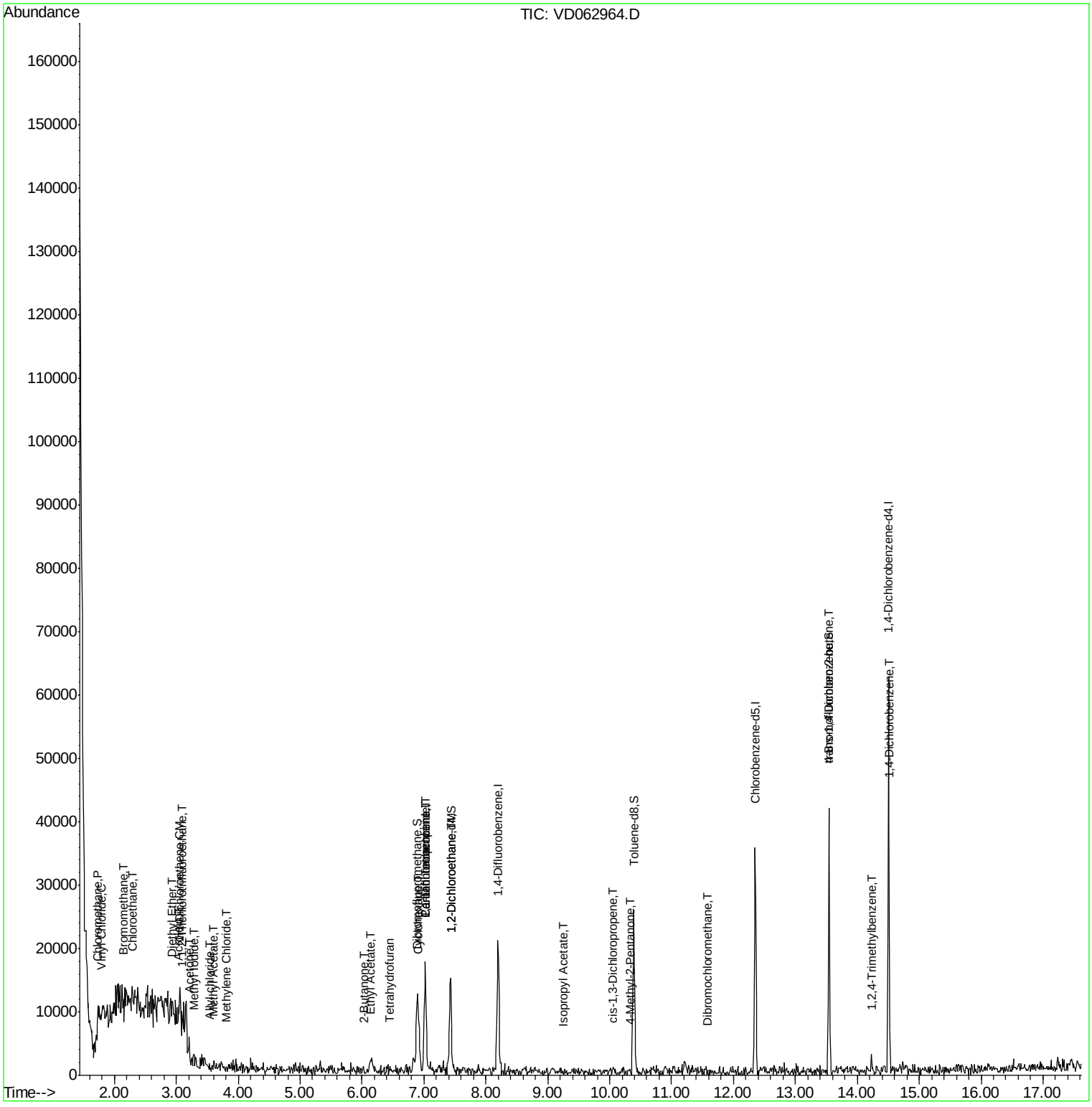
(#) = qualifier out of range (m) = manual integration (+) = signals summed

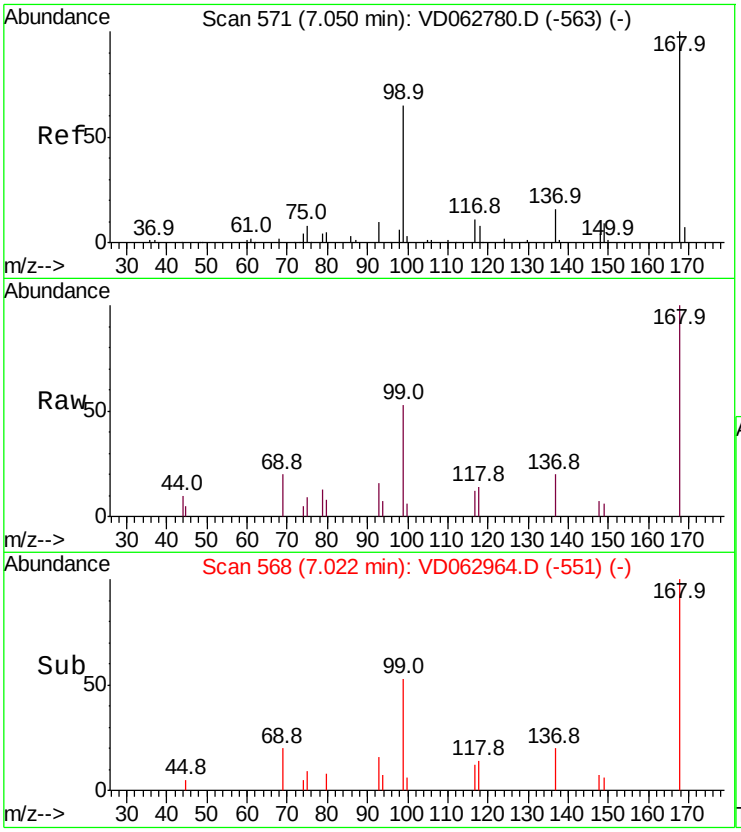
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062819\
Data File : VD062964.D
Acq On : 28 Jun 2019 14:20
Operator : VA/AP
Sample : K3507-03RE
Misc : 5.74g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Quant Time: Jun 29 00:14:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



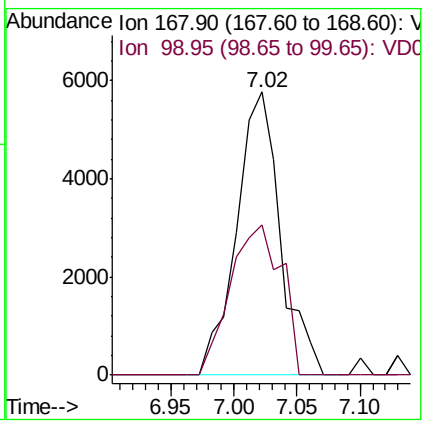


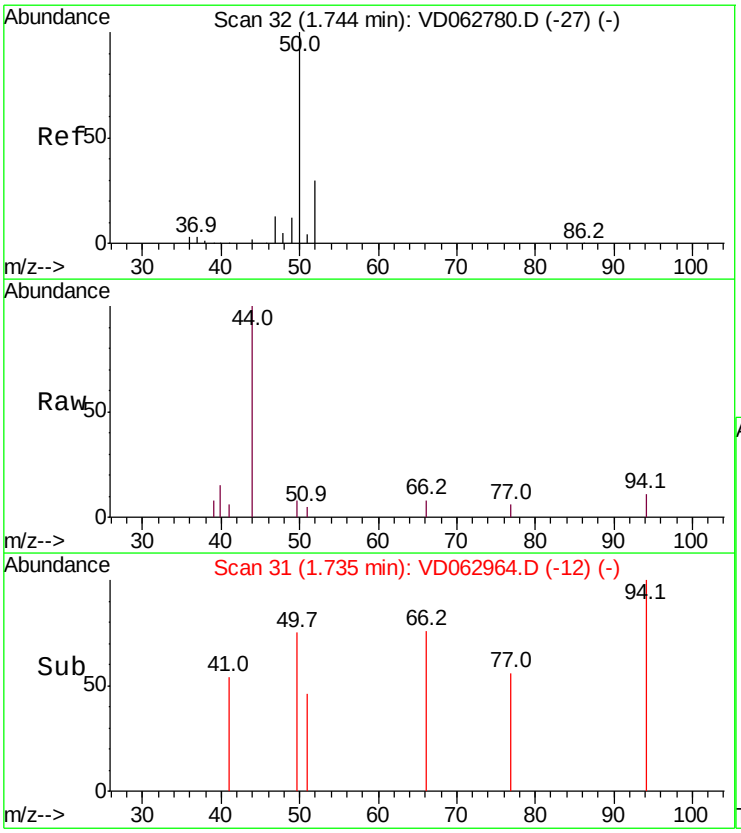
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:168 Resp: 13981

Ion	Ratio	Lower	Upper
168	100		
99	52.9	53.0	79.6#

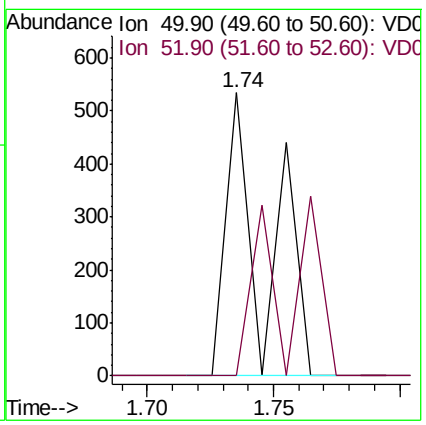


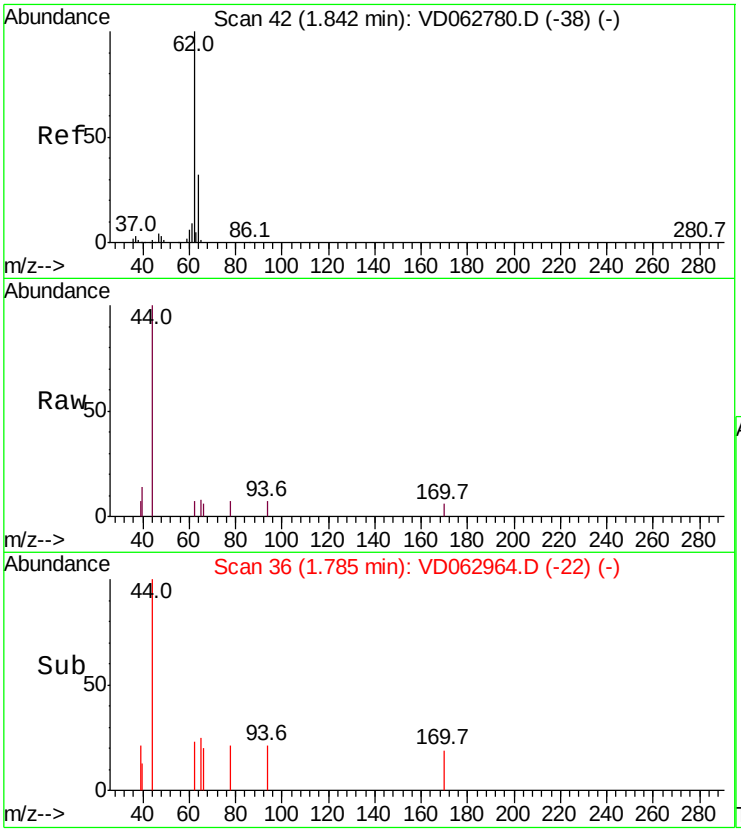


#3
Chloromethane
Concen: 4.226 ug/l
RT: 1.74 min Scan# 31
Delta R.T. -0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 50 Resp: 575

Ion	Ratio	Lower	Upper
50	100		
52	0.0	23.6	35.4#



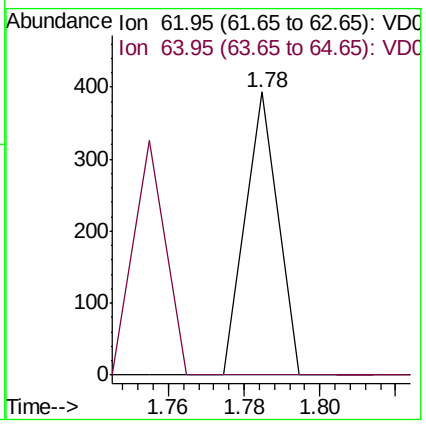


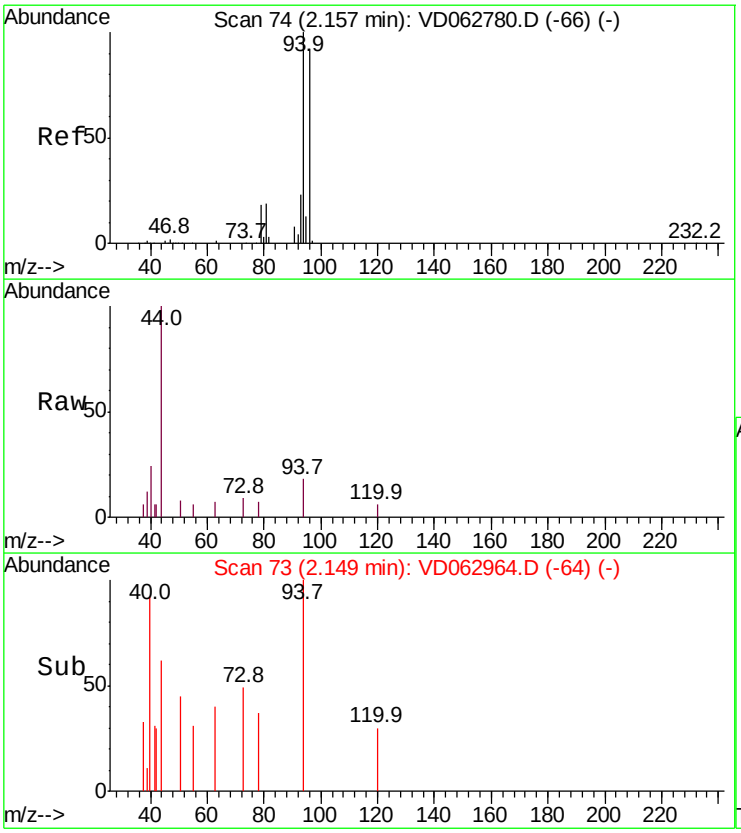
#4
Vinyl Chloride
Concen: 1.720 ug/l
RT: 1.78 min Scan# 36
Delta R.T. -0.06 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument : MSVOA_D
ClientSampleId : NB-07-062619-BRE

Tgt Ion: 62 Resp: 232

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.6	38.4#

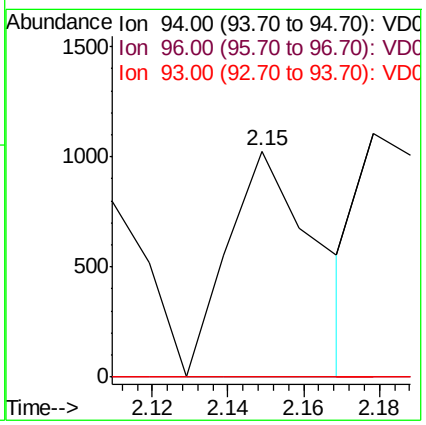


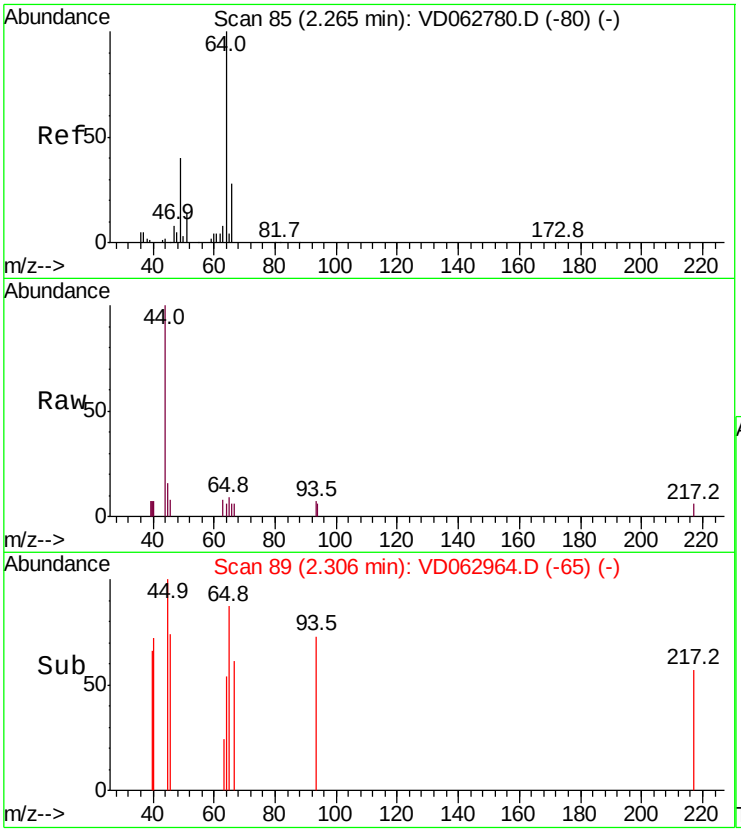


#5
Bromomethane
Concen: 26.243 ug/l
RT: 2.15 min Scan# 73
Delta R.T. -0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 94 Resp: 1658

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#
93	100.0	18.2	27.4#



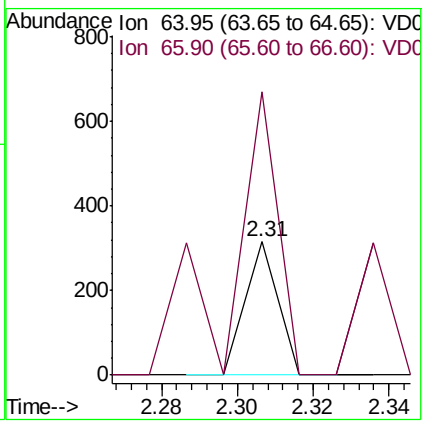


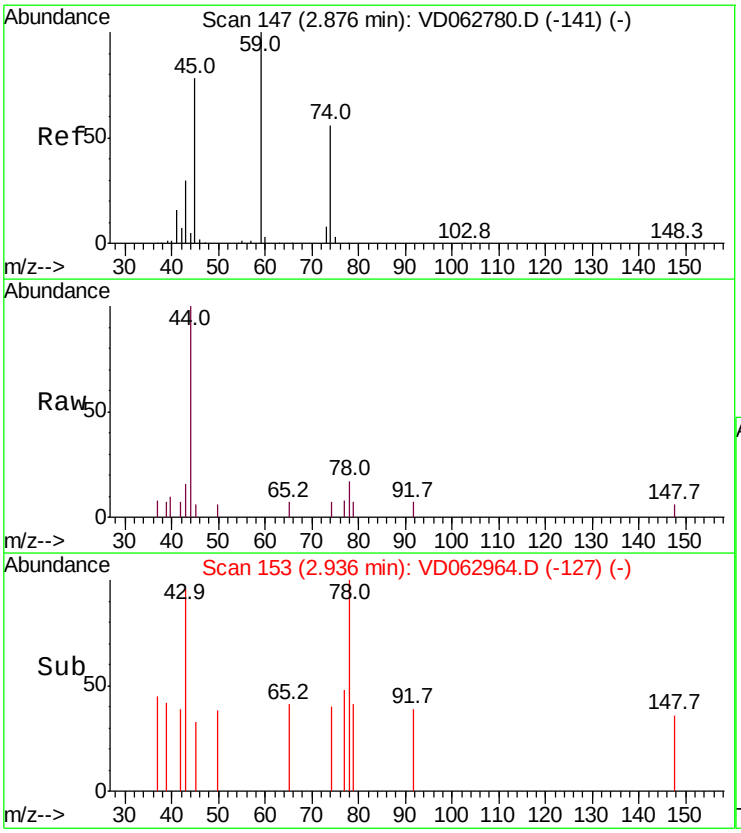
#6
Chloroethane
Concen: 3.045 ug/l
RT: 2.31 min Scan# 89
Delta R.T. 0.04 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 64 Resp: 186

Ion	Ratio	Lower	Upper
64	100		
66	212.4	23.0	34.4#

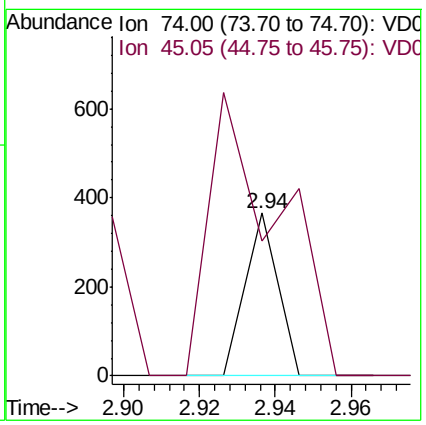


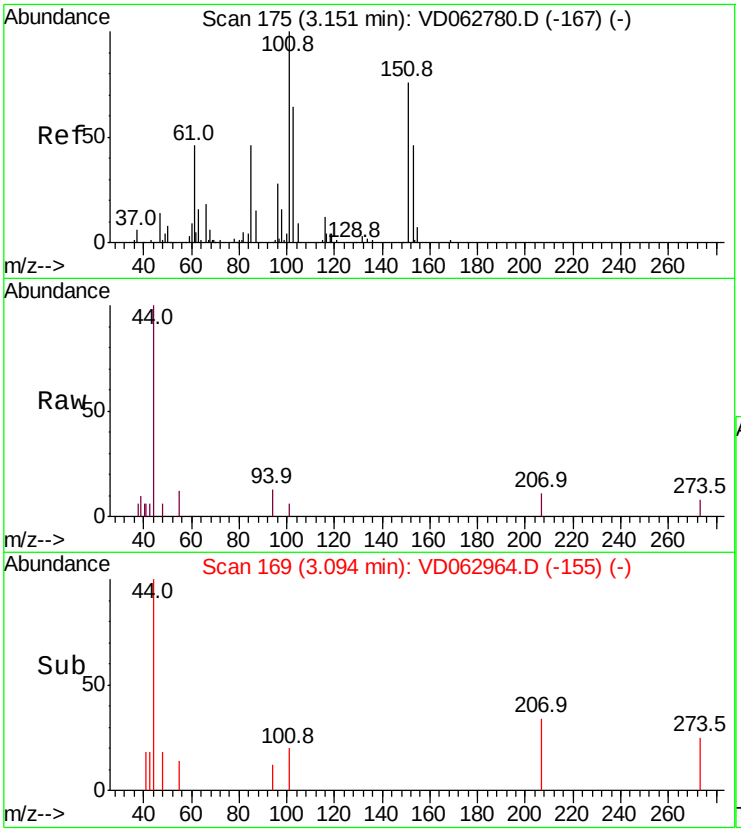


#8
Diethyl Ether
Concen: 6.227 ug/l
RT: 2.94 min Scan# 153
Delta R.T. 0.06 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 74 Resp: 216

Ion	Ratio	Lower	Upper
74	100		
45	83.0	70.2	210.6



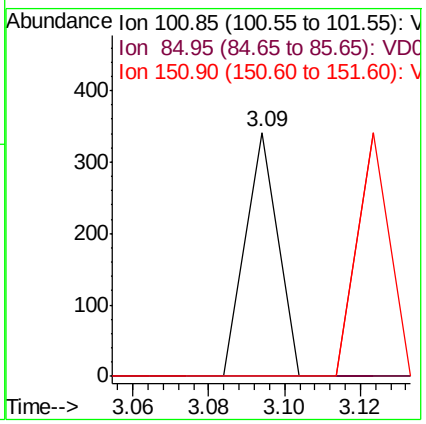


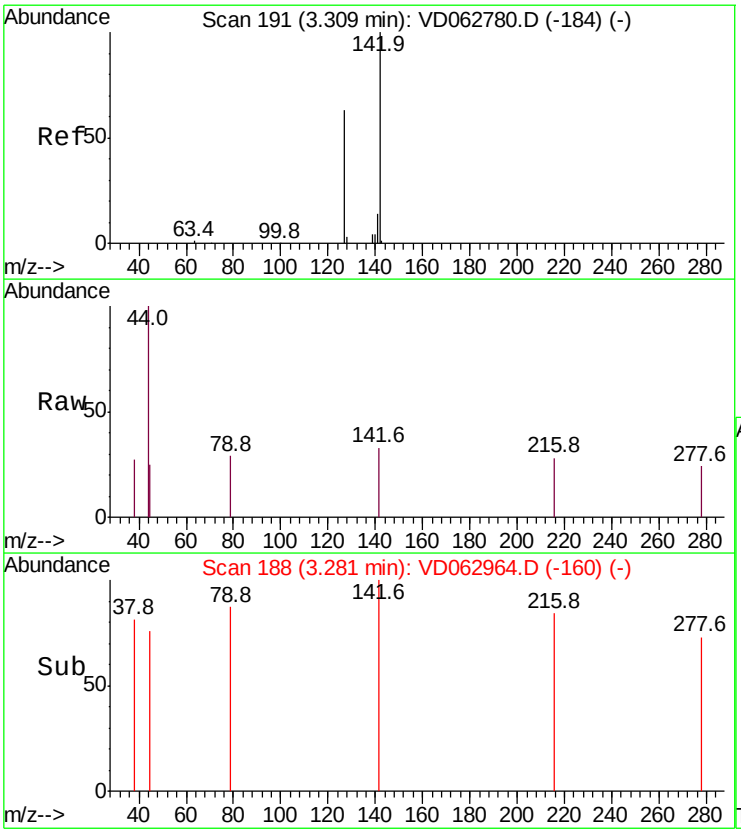
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.359 ug/l
RT: 3.09 min Scan# 169
Delta R.T. -0.06 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:101 Resp: 201

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.0	55.4#
151	0.0	60.5	90.7#

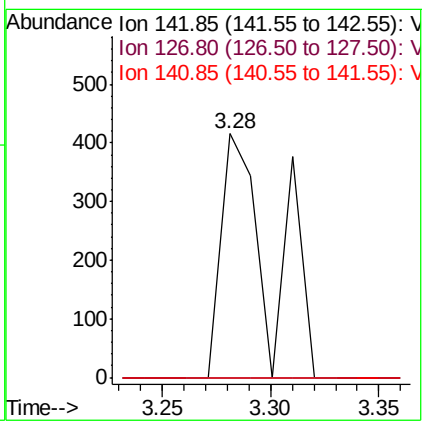


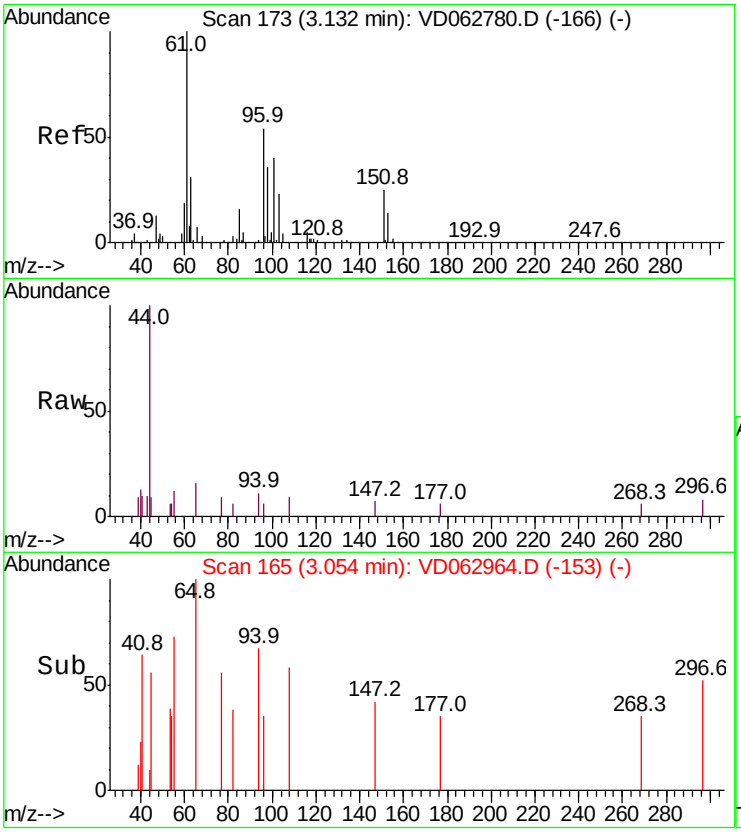


#10
Methyl Iodide
Concen: 3.439 ug/l
RT: 3.28 min Scan# 188
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion:142 Resp: 671

Ion	Ratio	Lower	Upper
142	100		
127	0.0	50.1	75.1#
141	0.0	11.0	16.4#



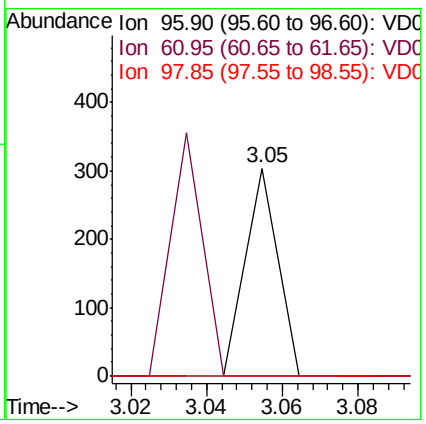


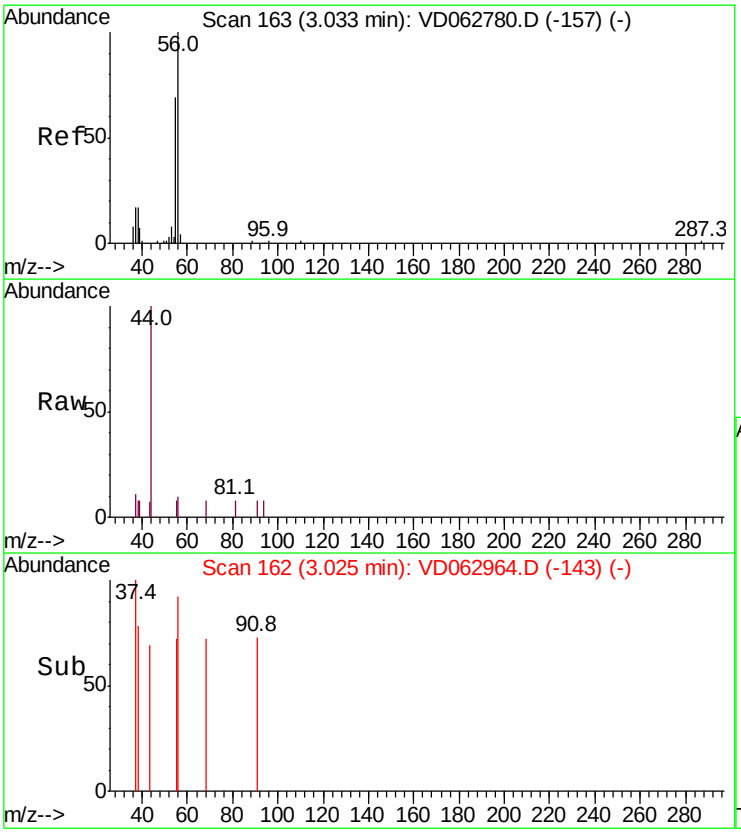
#12
1,1-Dichloroethene
Concen: 1.622 ug/l
RT: 3.05 min Scan# 165
Delta R.T. -0.08 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 96 Resp: 180

Ion	Ratio	Lower	Upper
96	100		
61	0.0	147.1	220.7#
98	0.0	52.6	79.0#

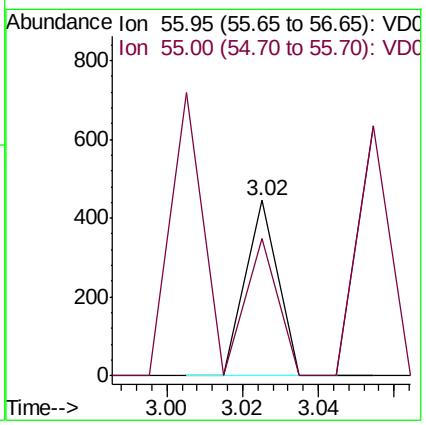


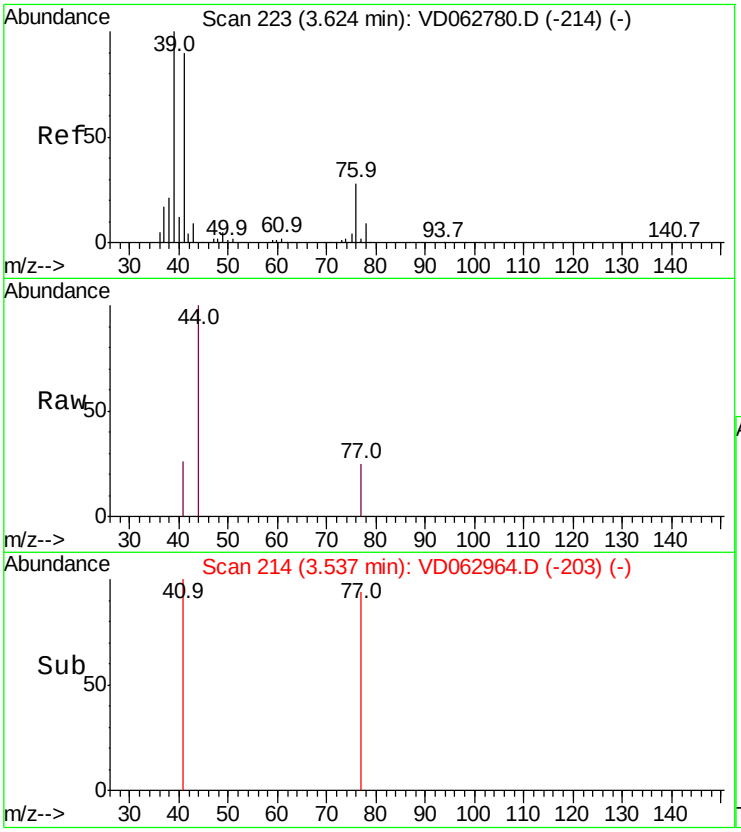


#13
Acrolein
Concen: 37.220 ug/l
RT: 3.02 min Scan# 162
Delta R.T. -0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 56 Resp: 263

Ion	Ratio	Lower	Upper
56	100		
55	78.0	55.4	83.0



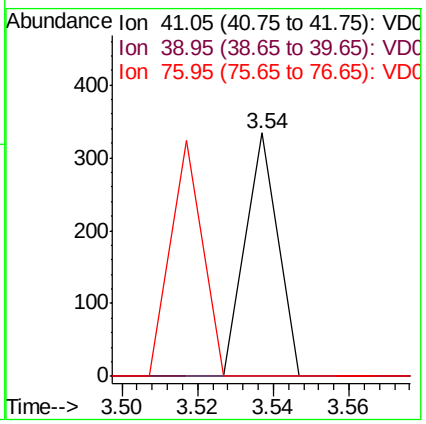


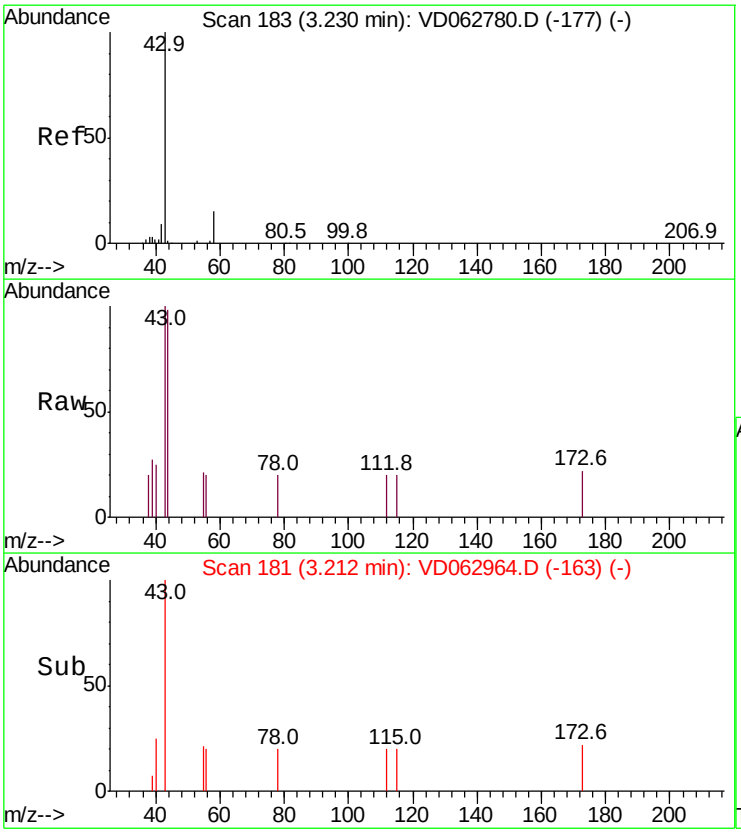
#14
Allvl chloride
Concen: 1.202 ug/l
RT: 3.54 min Scan# 214
Delta R.T. -0.09 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 41 Resp: 197

Ion	Ratio	Lower	Upper
41	100		
39	0.0	88.8	133.2#
76	0.0	26.7	40.1#

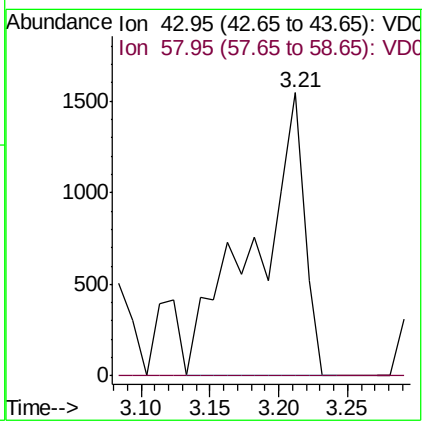


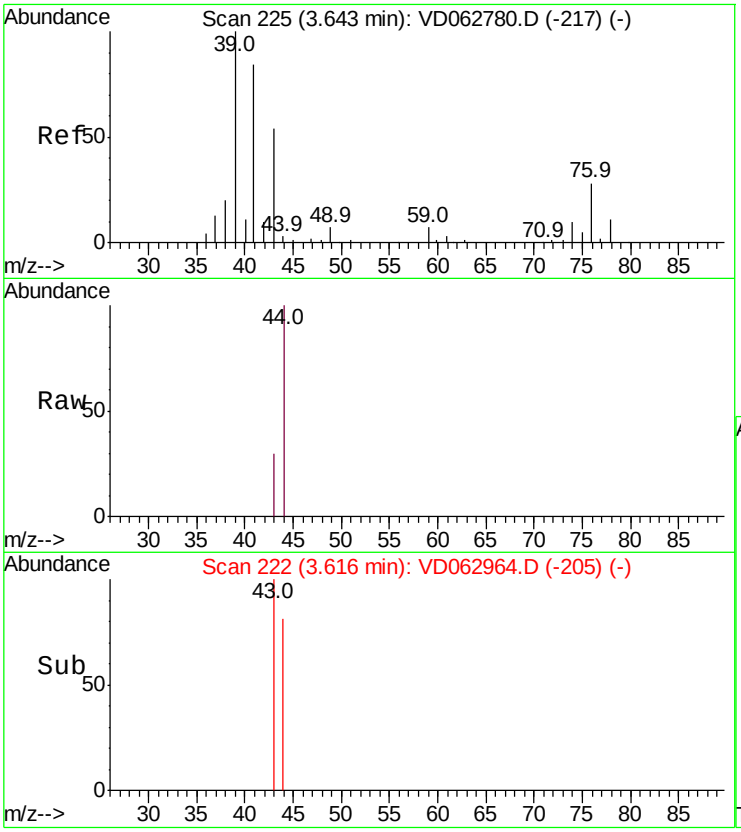


#16
Acetone
Concen: 120.523 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 43 Resp: 3826

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



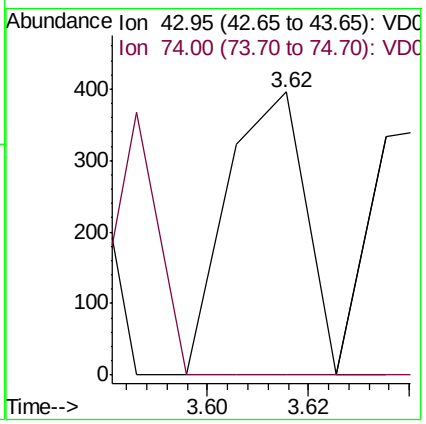


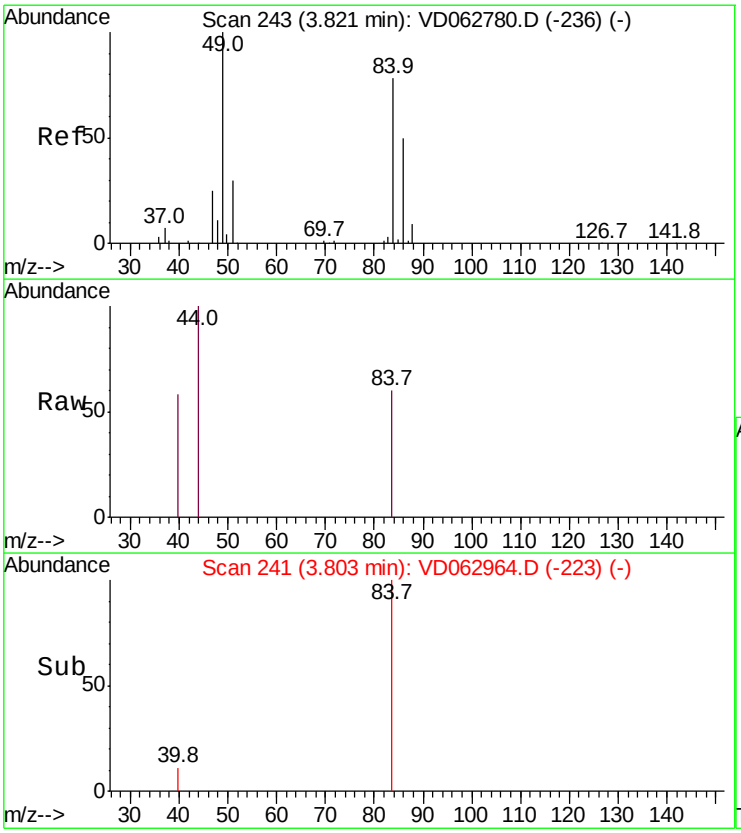
#18
Methyl Acetate
Concen: 9.264 ug/l
RT: 3.62 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument : MSVOA_D
ClientSampleId : NB-07-062619-BRE

Tgt Ion: 43 Resp: 425

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.2	22.8#

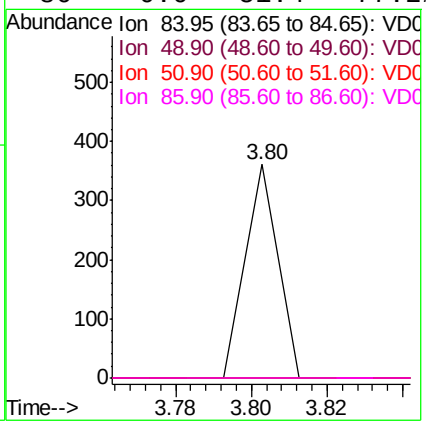


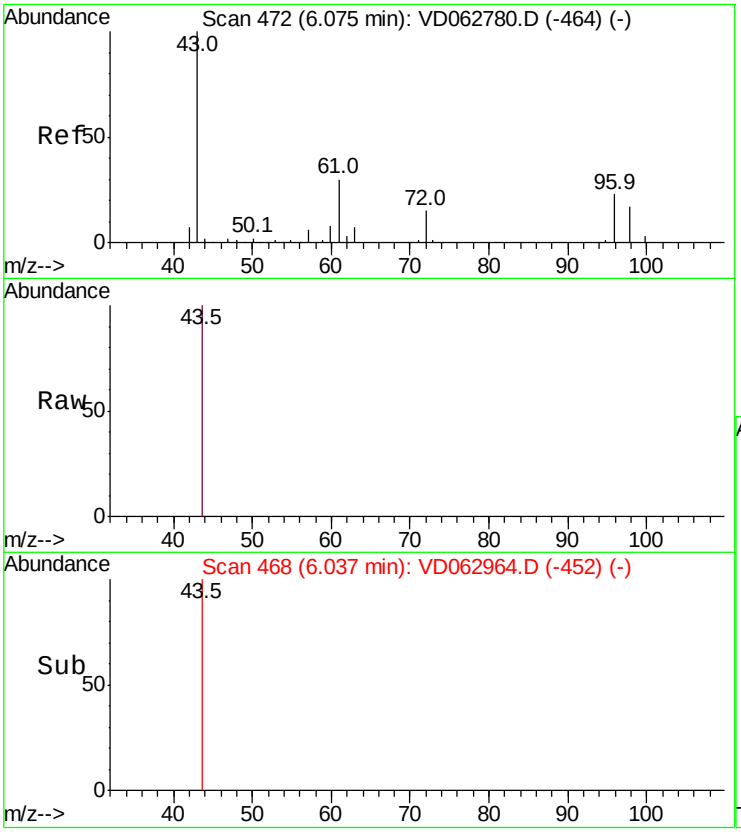


#20
Methylene Chloride
Concen: 1.838 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 84 Resp: 213

Ion	Ratio	Lower	Upper
84	100		
49	0.0	102.9	154.3#
51	0.0	31.2	46.8#
86	0.0	51.4	77.2#



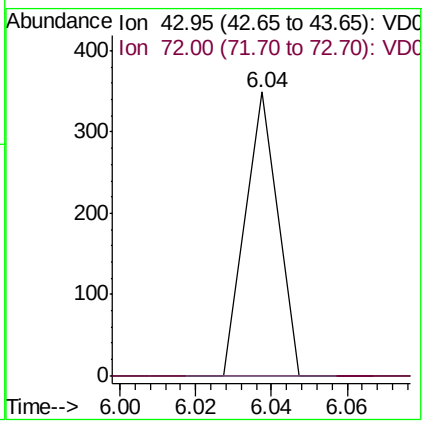


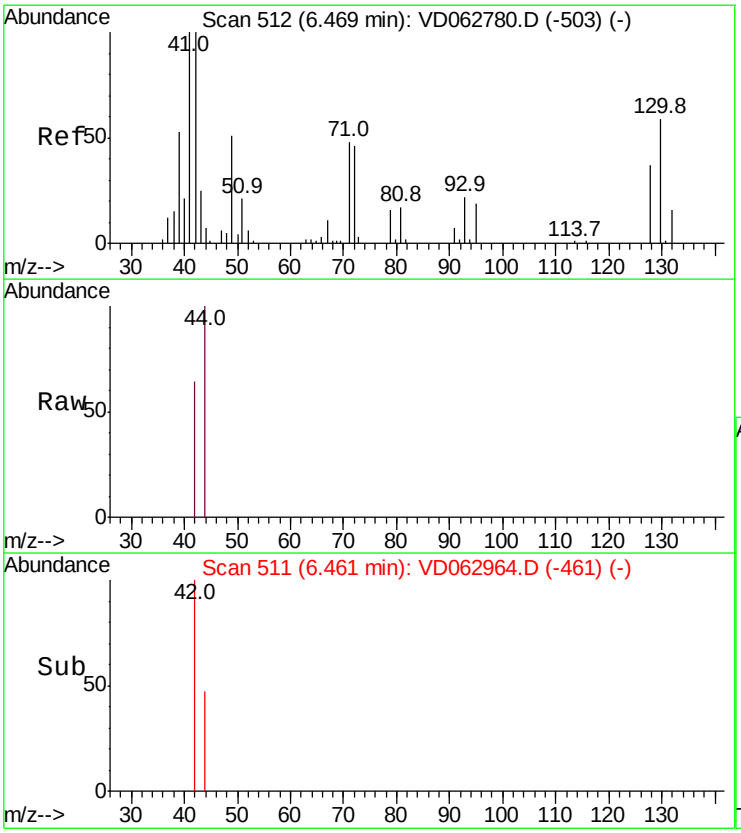
#25
2-Butanone
Concen: 7.248 ug/l
RT: 6.04 min Scan# 468
Delta R.T. -0.04 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 43 Resp: 206

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.9	17.9#

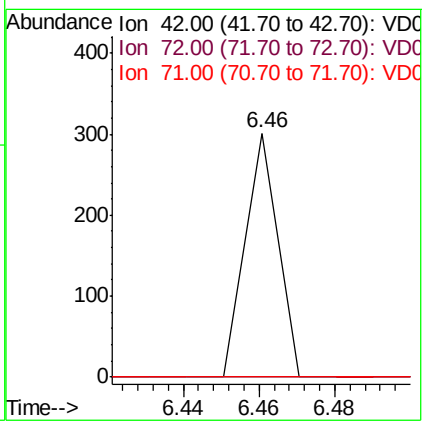


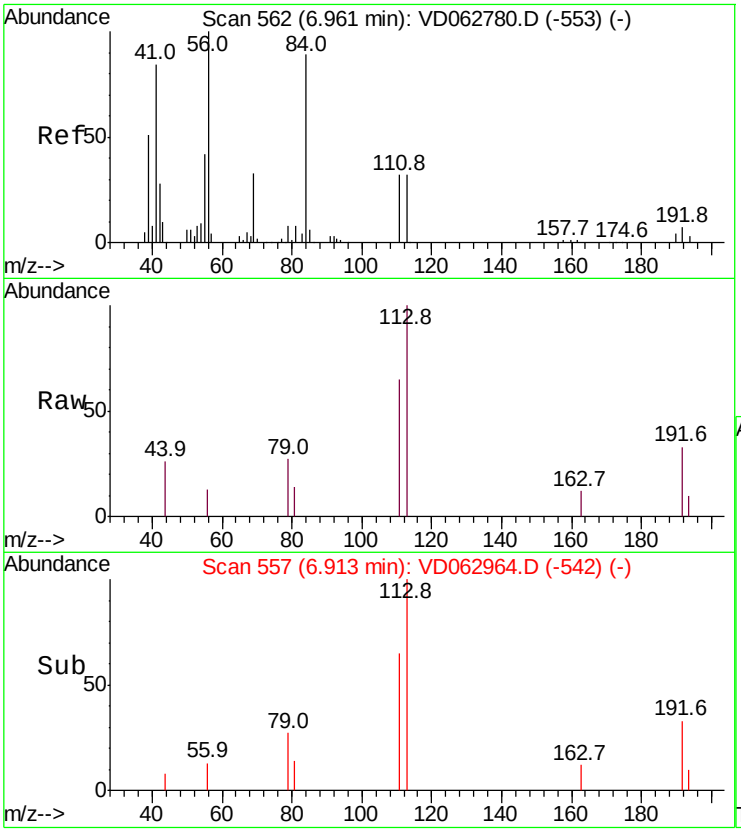


#29
Tetrahydrofuran
Concen: 13.236 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 42 Resp: 178

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.6#
71	0.0	33.3	49.9#



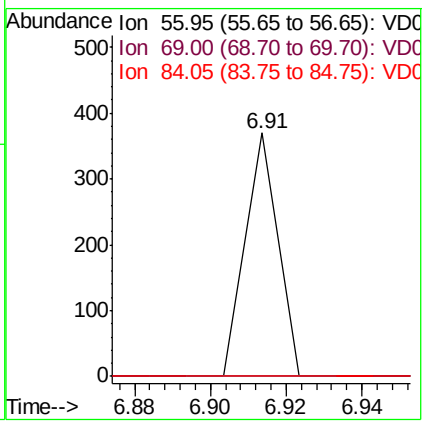


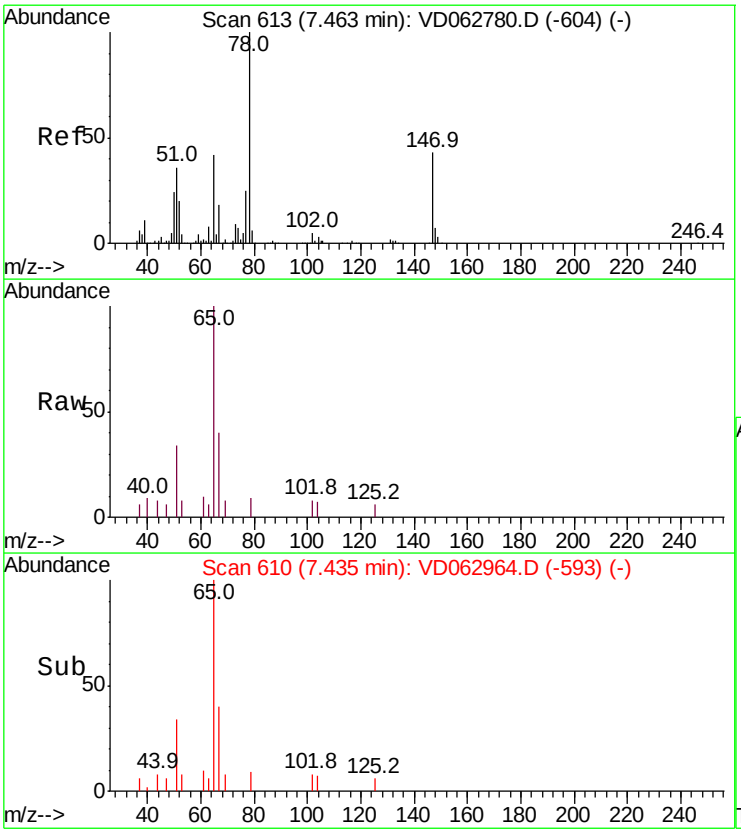
#31
Cyclohexane
Concen: 1.535 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.05 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 56 Resp: 219

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.6	39.8#
84	0.0	75.5	113.3#

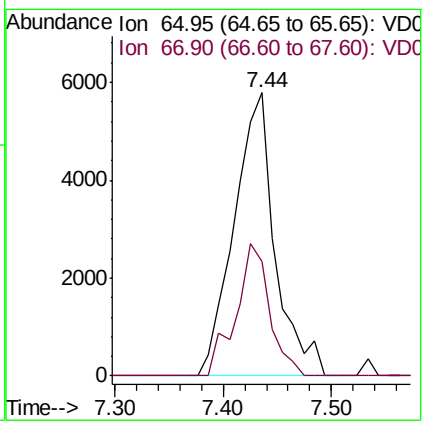


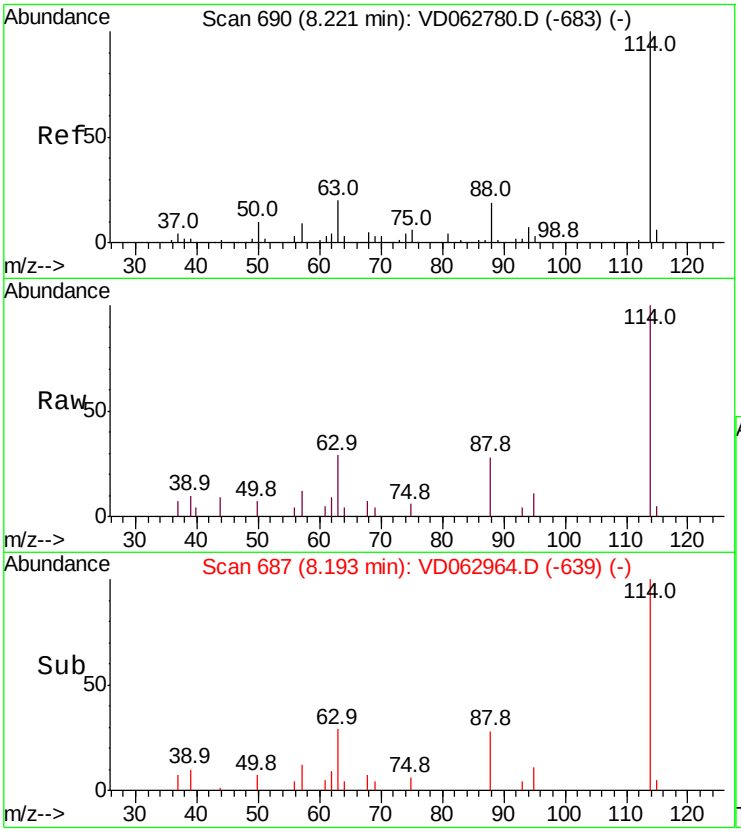


#33
1,2-Dichloroethane-d4
Concen: 100.052 ug/l
RT: 7.44 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 65 Resp: 15205

Ion	Ratio	Lower	Upper
65	100		
67	40.3	0.0	87.4



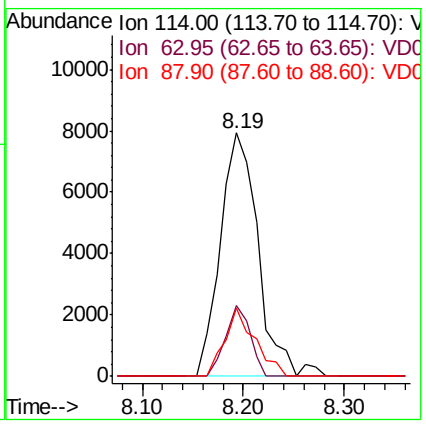


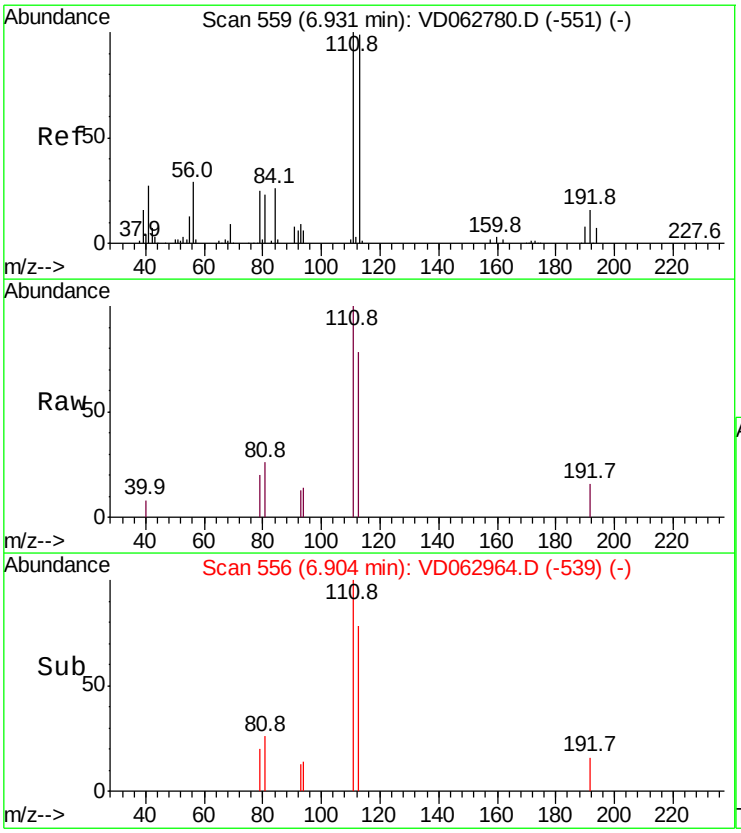
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:114 Resp: 20696

Ion	Ratio	Lower	Upper
114	100		
63	29.3	0.0	40.0
88	28.2	0.0	38.8

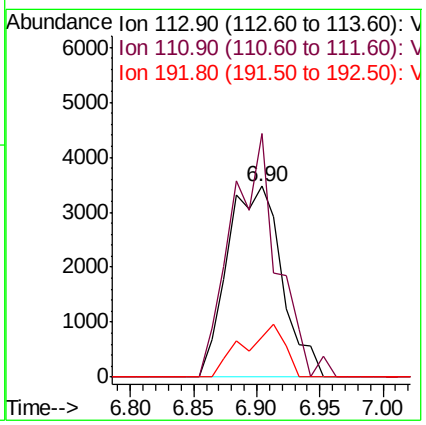


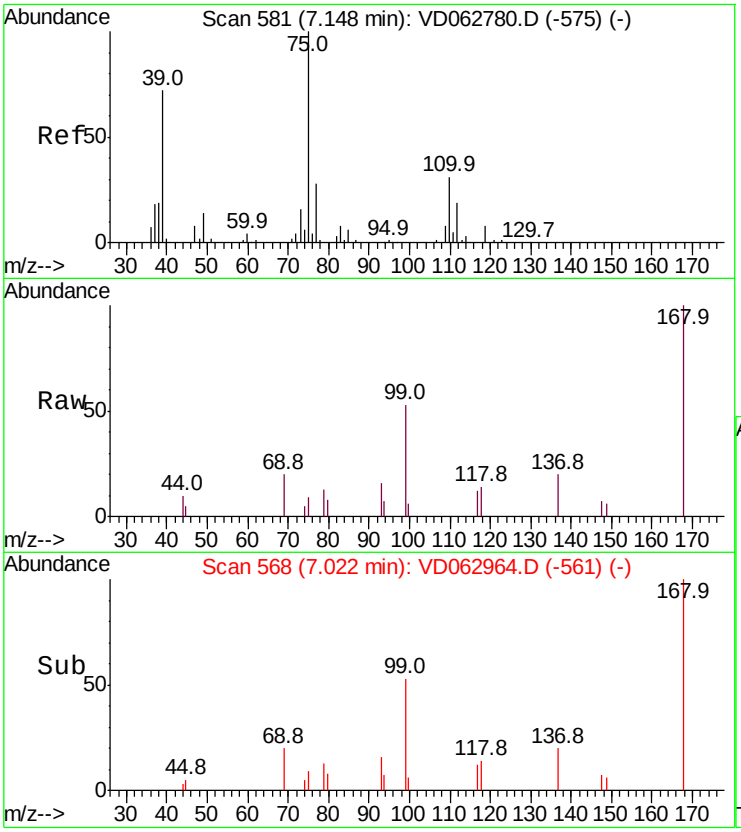


#35
Dibromofluoromethane
Concen: 59.619 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion:113 Resp: 10404

Ion	Ratio	Lower	Upper
113	100		
111	127.4	81.2	121.8#
192	20.7	12.9	19.3#



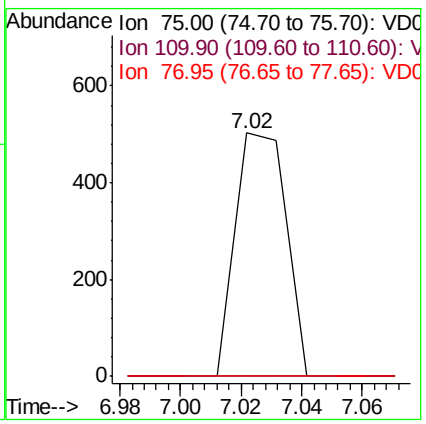


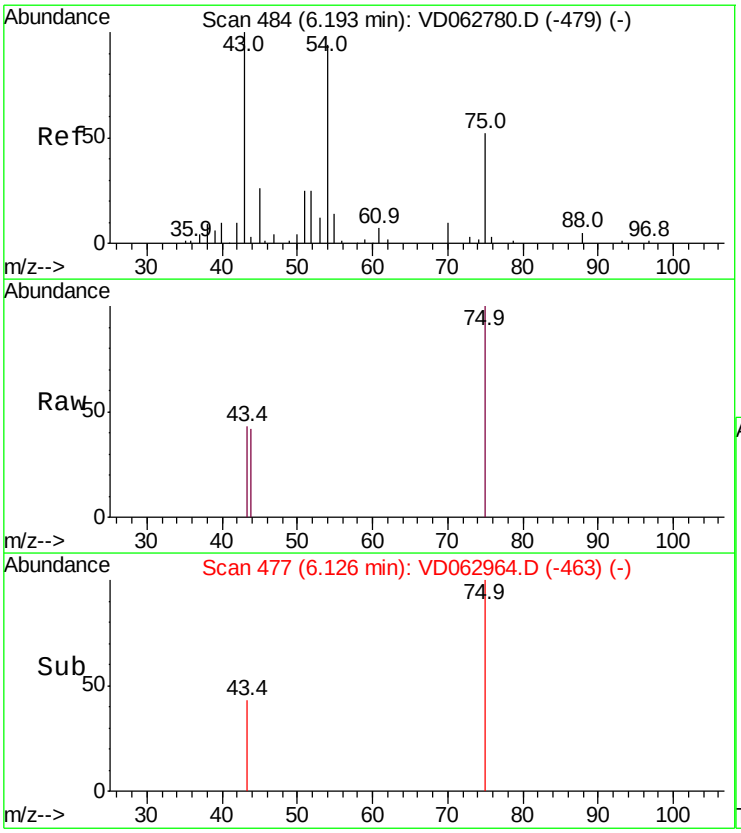
#36
1,1-Dichloropropene
Concen: 2.986 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.13 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 75 Resp: 585

Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.0	45.1#
77	0.0	22.2	33.2#

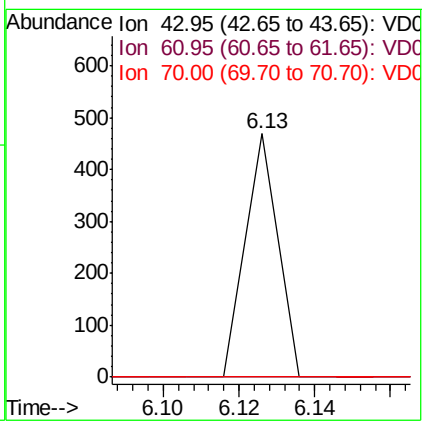


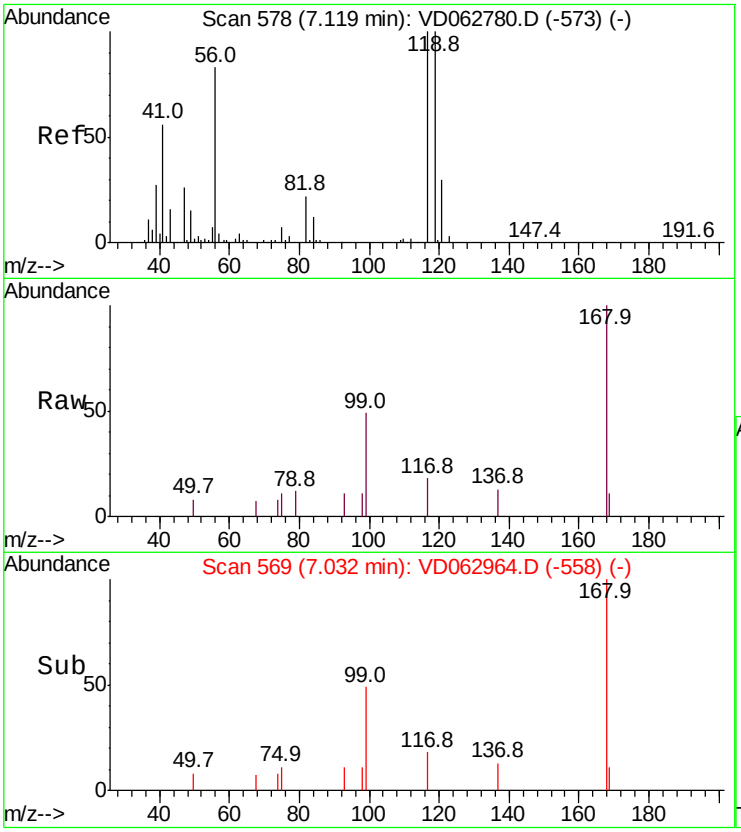


#37
Ethyl Acetate
Concen: 2.316 ug/l
RT: 6.13 min Scan# 477
Delta R.T. -0.07 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 43 Resp: 277

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	6.4	9.6#



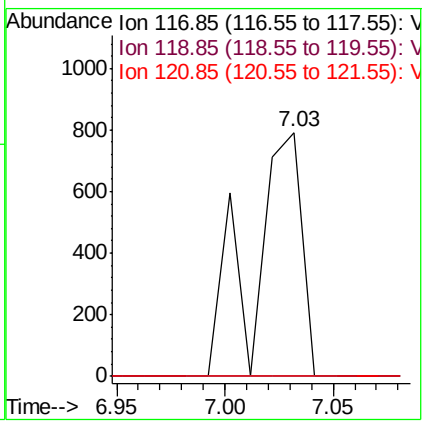


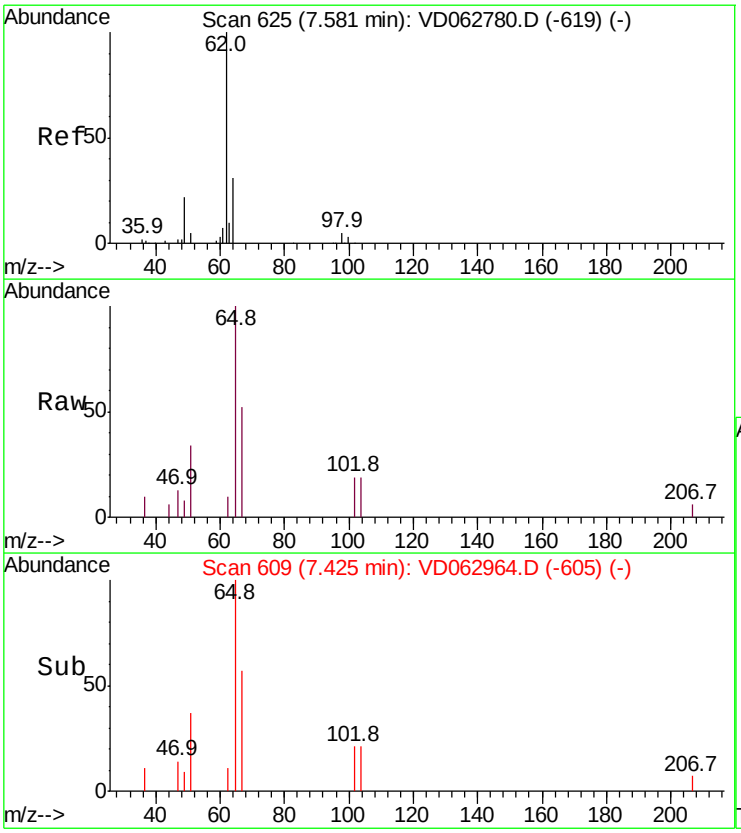
#38
Carbon Tetrachloride
Concen: 4.205 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:117 Resp: 1239

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.2#
121	0.0	22.3	33.5#

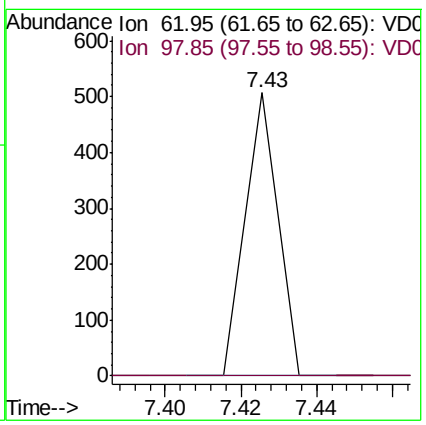


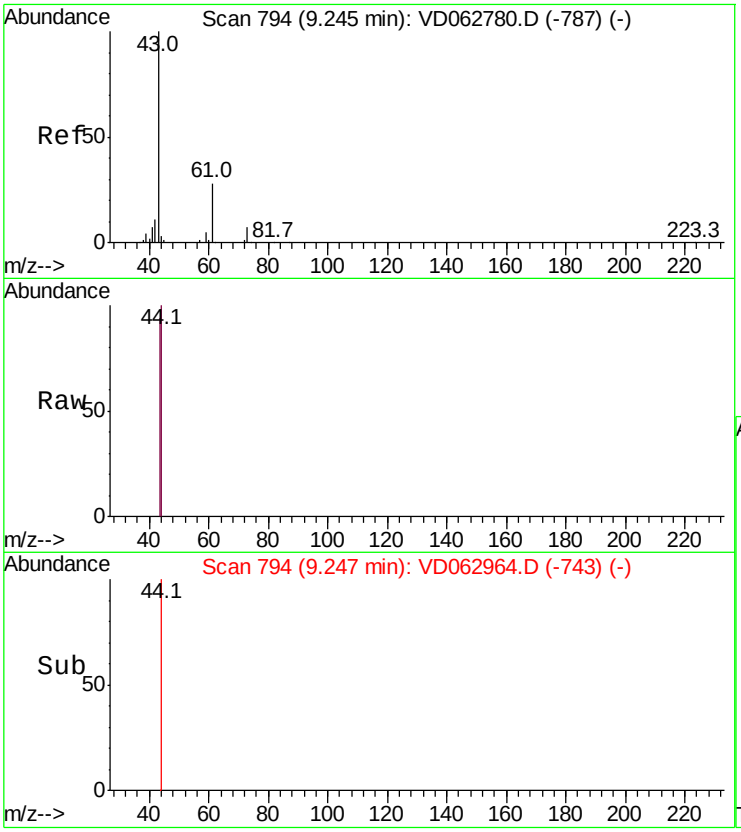


#42
1,2-Dichloroethane
Concen: 1.398 ug/l
RT: 7.43 min Scan# 609
Delta R.T. -0.16 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 62 Resp: 300

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	10.0



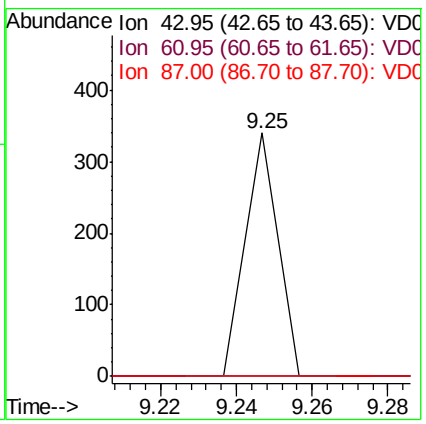


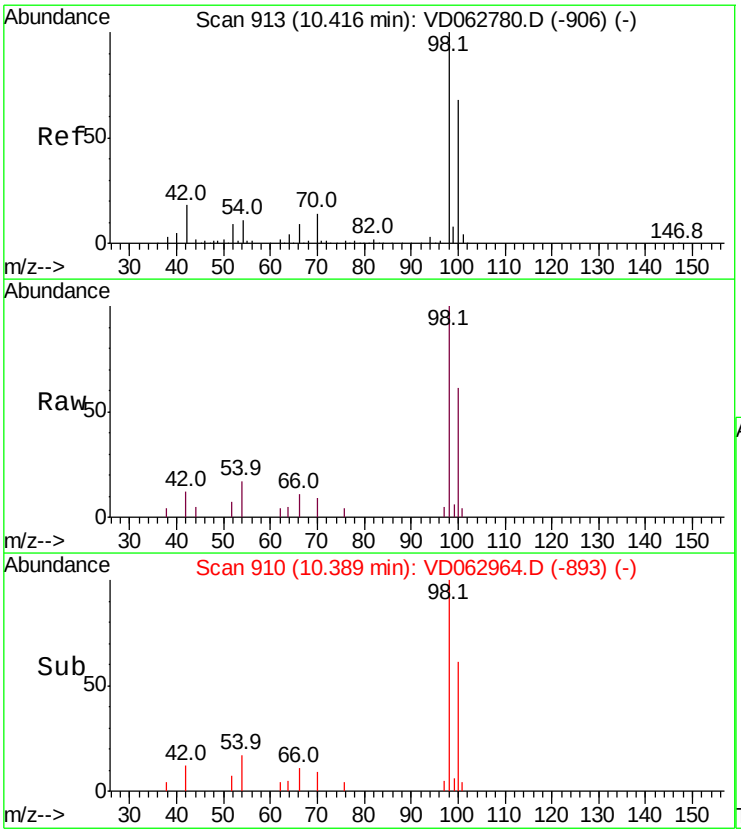
#43
Isopropyl Acetate
Concen: 1.957 ug/l
RT: 9.25 min Scan# 794
Delta R.T. 0.00 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 43 Resp: 201

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	0.3	0.5#

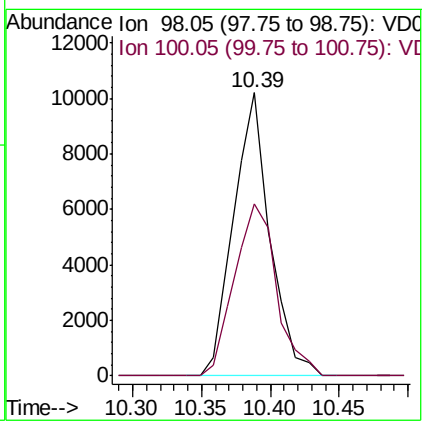


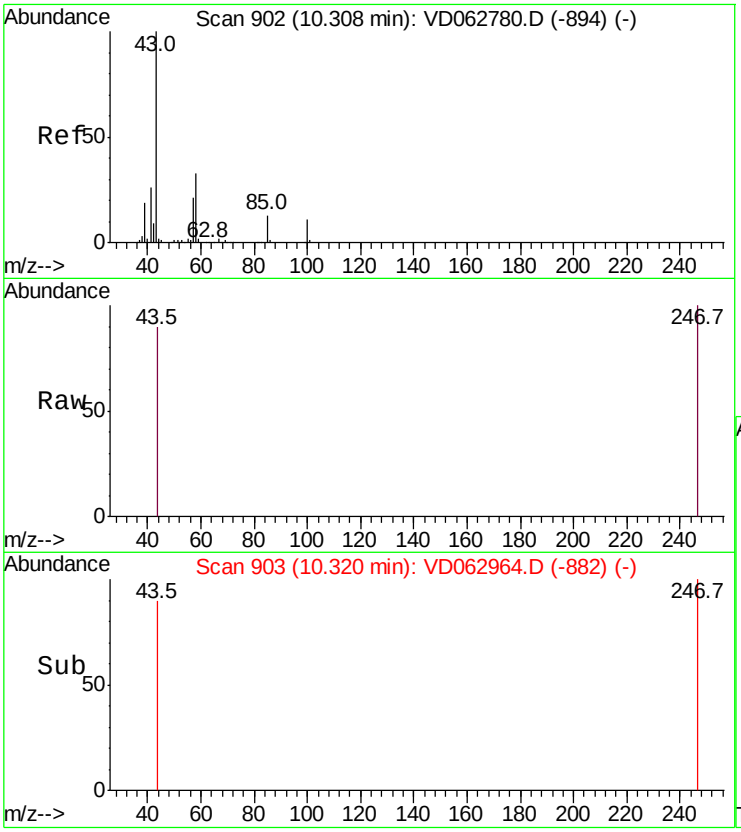


#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 98 Resp: 18818

Ion	Ratio	Lower	Upper
98	100		
100	60.9	54.7	82.1



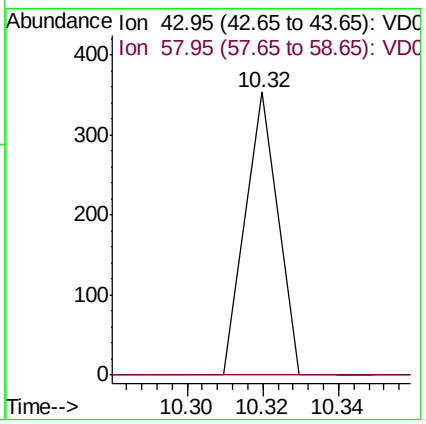


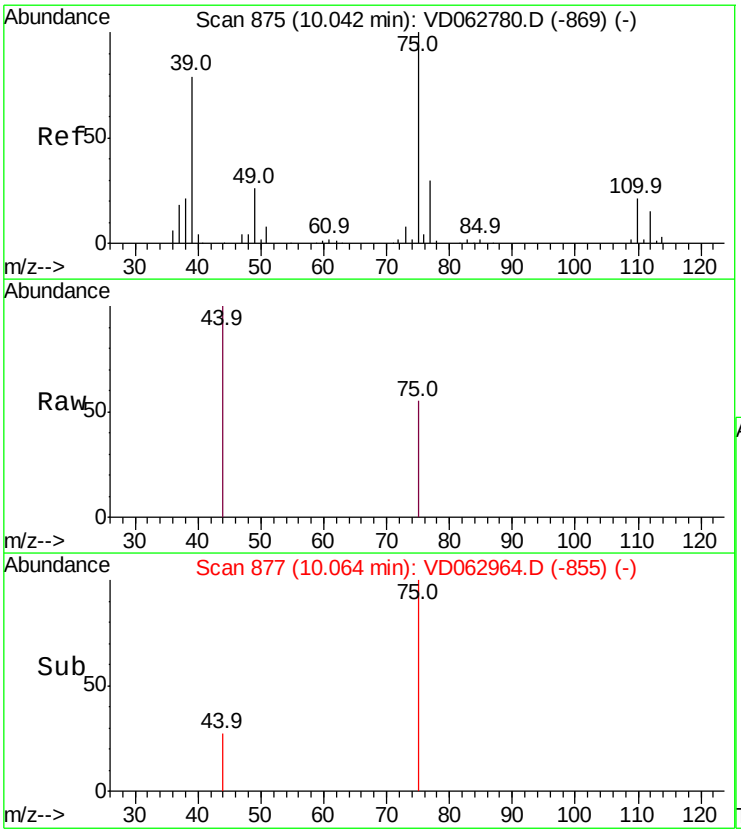
#51
4-Methyl-2-Pentanone
Concen: 2.870 ug/l
RT: 10.32 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 43 Resp: 209

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	40.0#

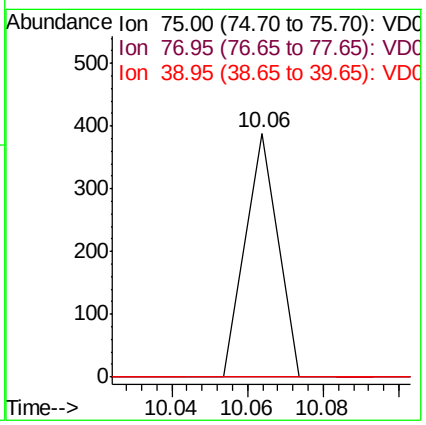


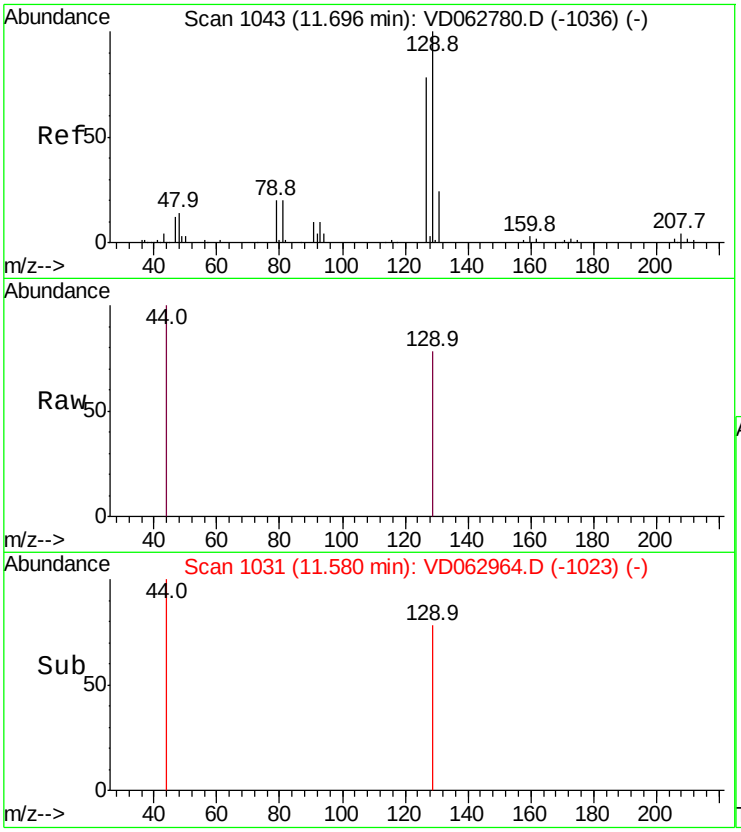


#54
cis-1,3-Dichloropropene
Concen: 1.180 ug/l
RT: 10.06 min Scan# 877
Delta R.T. 0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 75 Resp: 229

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.2#
39	0.0	63.5	95.3#



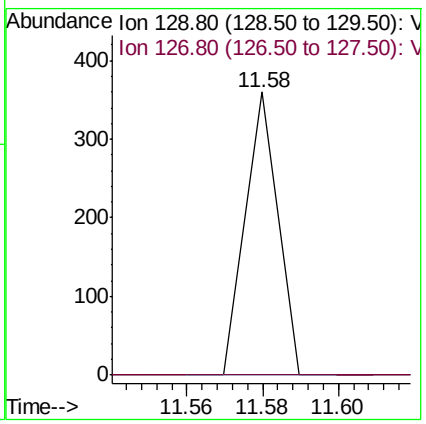


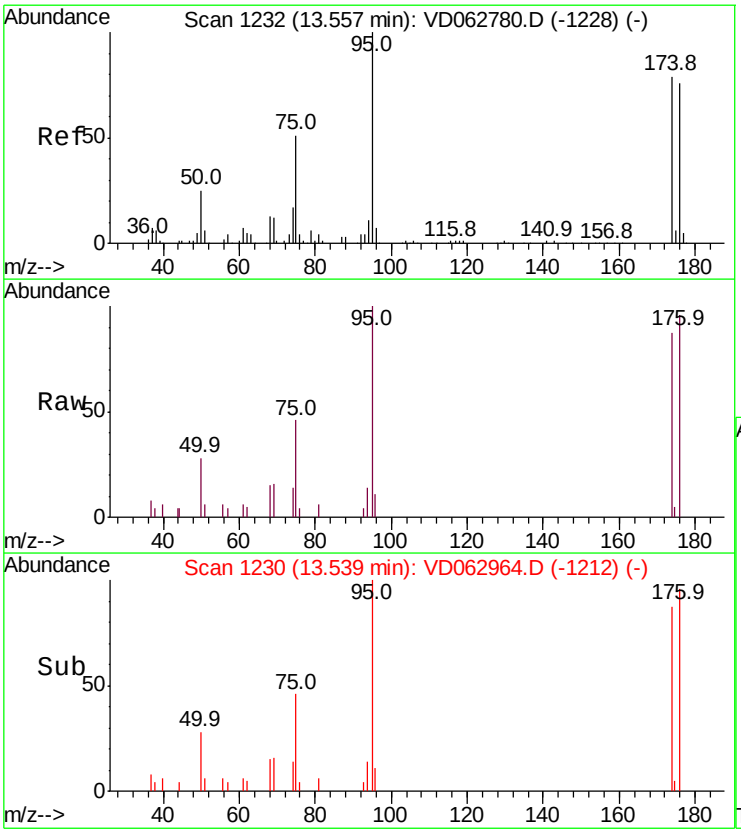
#60
Dibromochloromethane
Concen: 1.259 ug/l
RT: 11.58 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument : MSVOA_D
ClientSampleId : NB-07-062619-BRE

Tgt Ion:129 Resp: 213

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

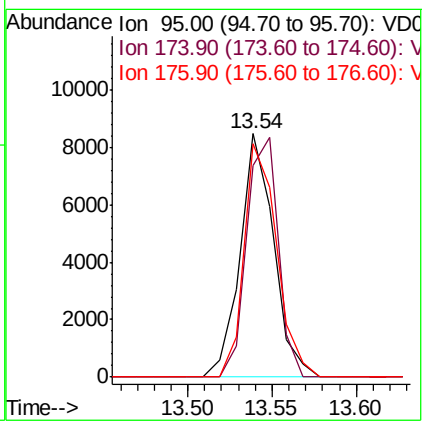


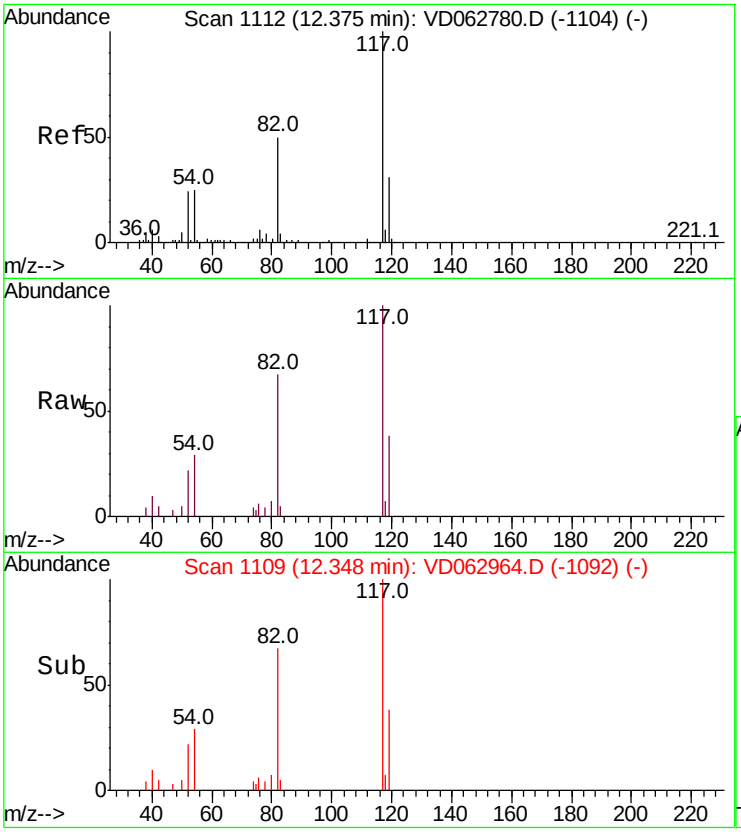


#62
4-Bromofluorobenzene
Concen: 67.805 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 95 Resp: 11710

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	158.0
176	86.6	0.0	151.6



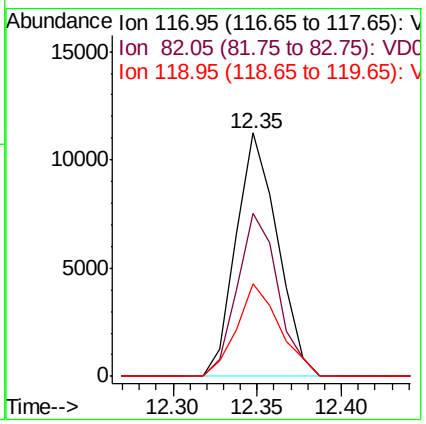


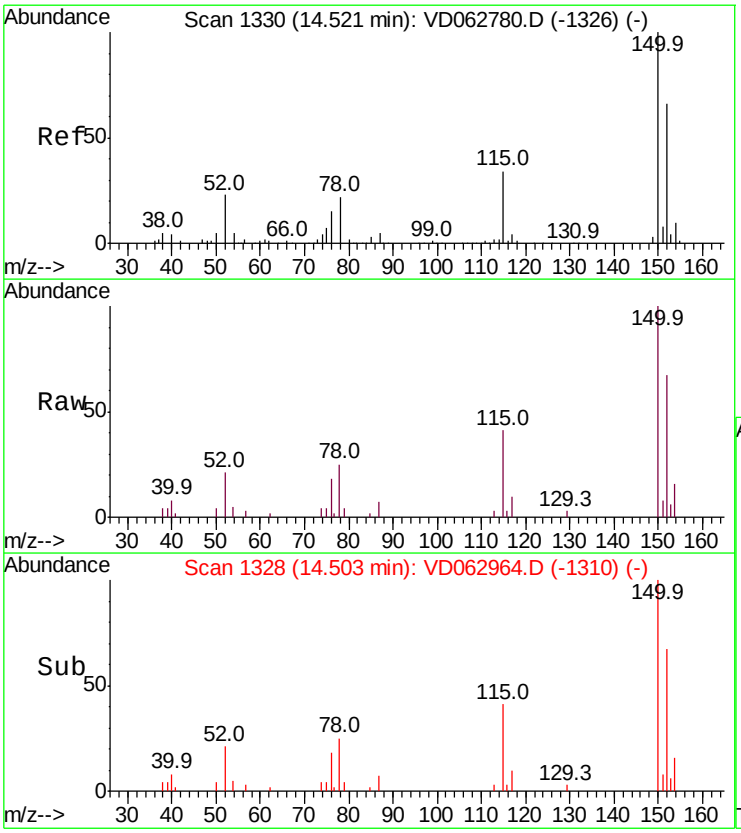
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:117 Resp: 19159

Ion	Ratio	Lower	Upper
117	100		
82	66.8	40.4	60.6#
119	37.9	25.2	37.8#

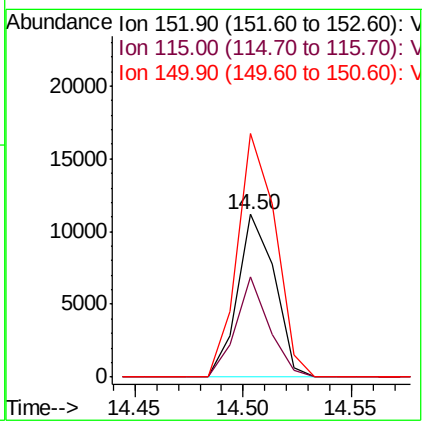


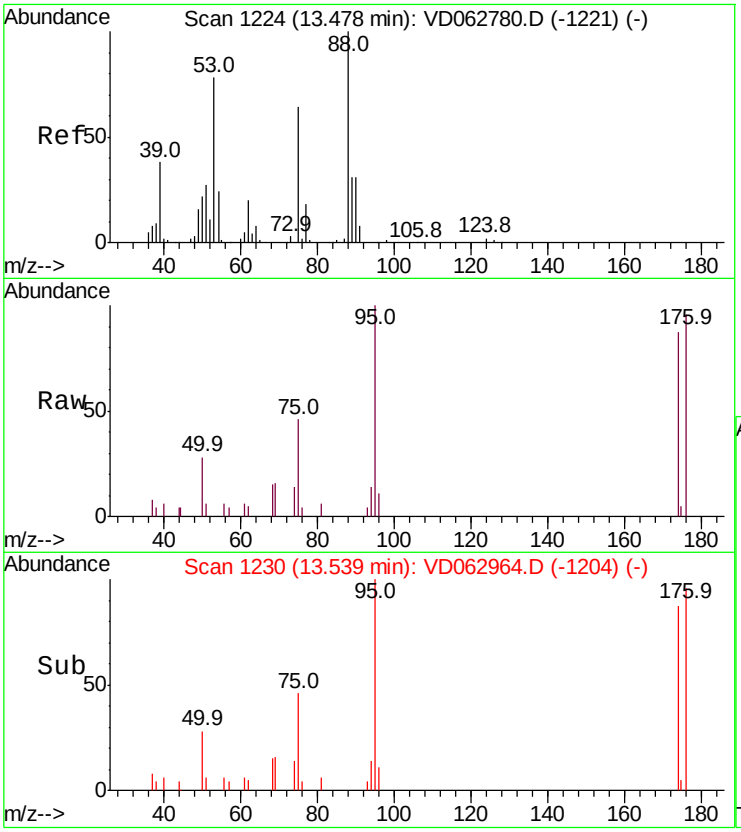


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion:152 Resp: 13196

Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.2	87.6
150	149.7	0.0	305.8



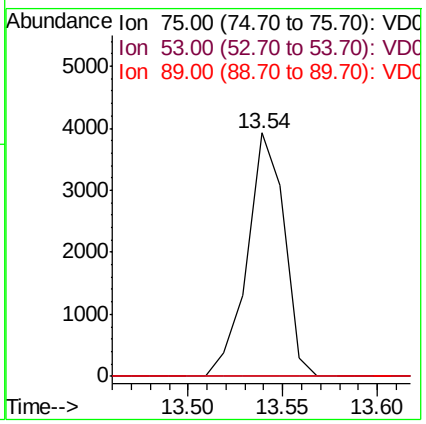


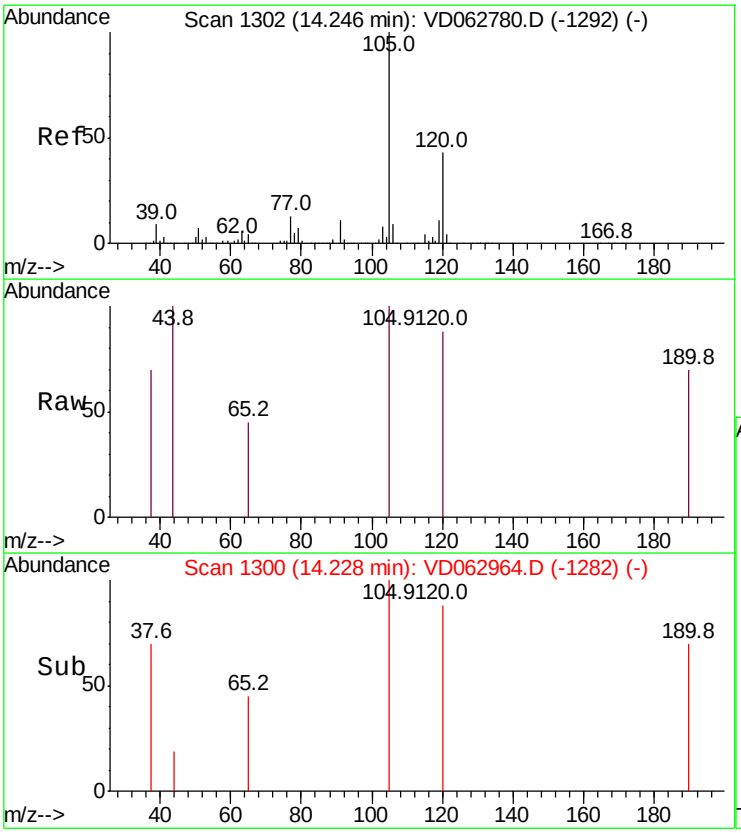
#81
trans-1,4-Dichloro-2-butene
Concen: 133.223 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. 0.06 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion: 75 Resp: 5319

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#

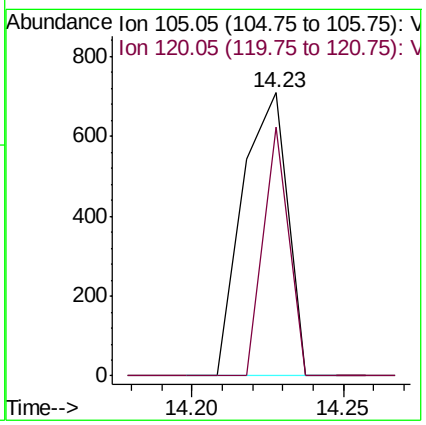


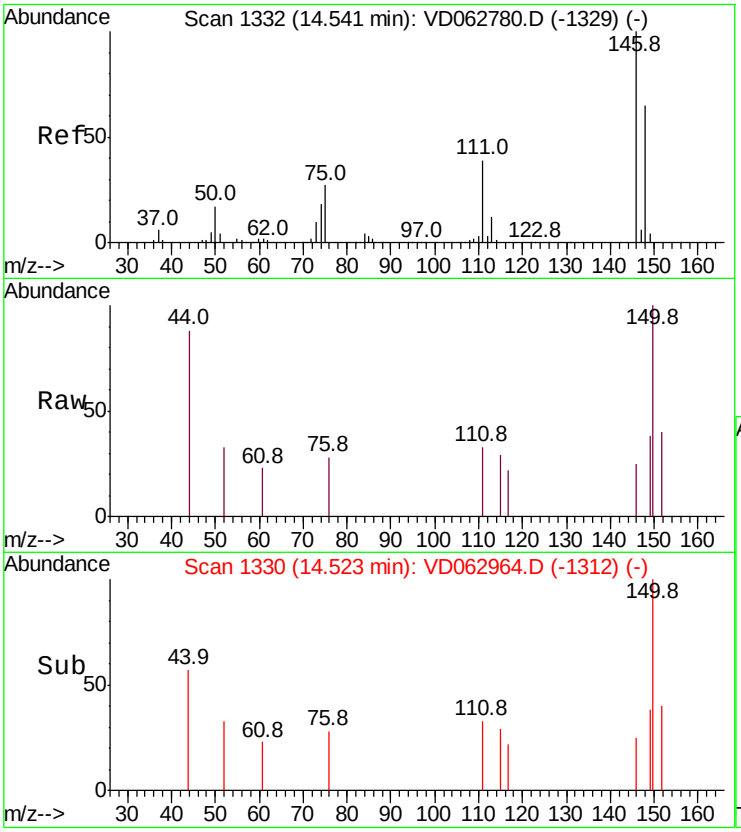


#84
1,2,4-Trimethylbenzene
Concen: 1.015 ug/l
RT: 14.23 min Scan# 1300
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion:105 Resp: 739

Ion	Ratio	Lower	Upper
105	100		
120	87.7	21.3	63.9#





#88
1,4-Dichlorobenzene
Concen: 1.006 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

Tgt Ion:146 Resp: 412

Ion	Ratio	Lower	Upper
146	100		
111	134.0	19.7	59.1#
148	0.0	32.8	98.3#