

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

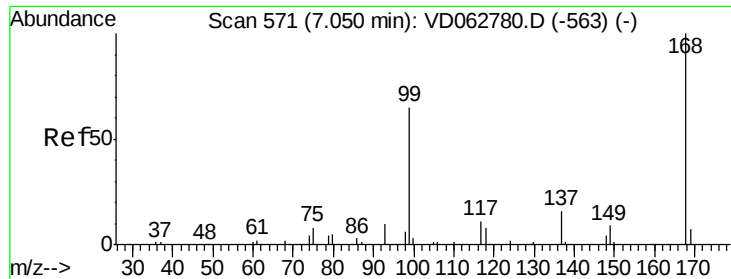
Quant Time: Jun 29 00:14:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	15205	100.05	ug/l	-0.03
Spiked Amount			Recovery	=	200.10%	
35) Dibromofluoromethane	6.90	113	10404	59.62	ug/l	-0.03
Spiked Amount			Recovery	=	119.24%	
50) Toluene-d8	10.39	98	18818	49.55	ug/l	-0.03
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	13.54	95	11710	67.80	ug/l	-0.02
Spiked Amount			Recovery	=	135.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

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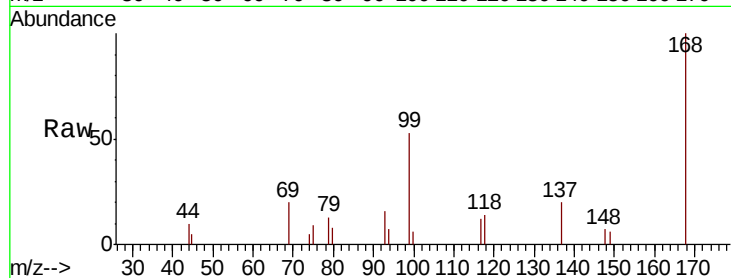
NB-07-062619-BRE

Tot Ion:168 Resp: 13981

Ion Ratio Lower Upper

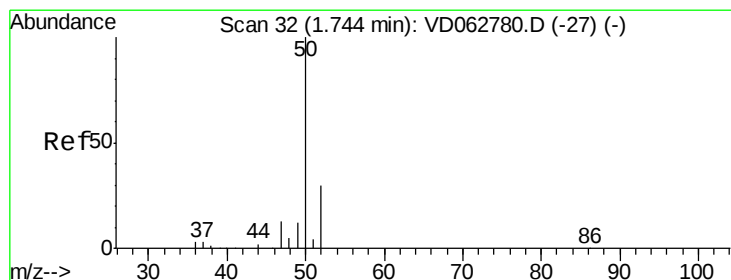
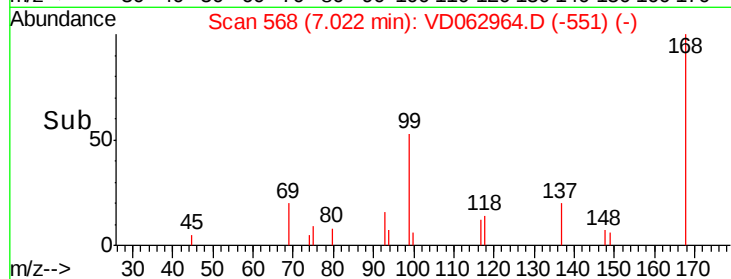
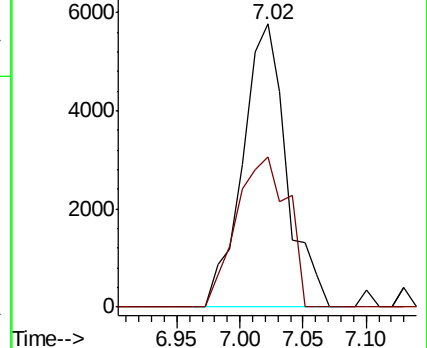
168 100

99 52.9 53.0 79.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 4.226 ug/l

RT: 1.74 min Scan# 31

Delta R.T. -0.01 min

Lab File: VD062964.D

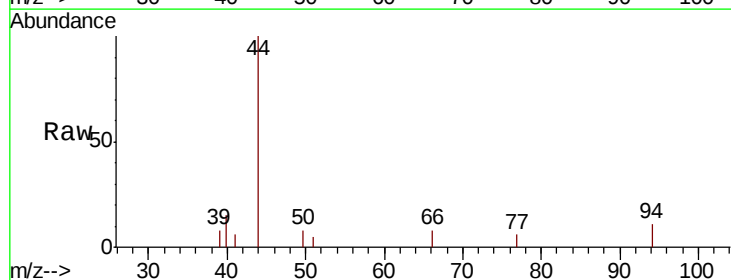
Acq: 28 Jun 2019 14:20

Tgt Ion: 50 Resp: 575

Ion Ratio Lower Upper

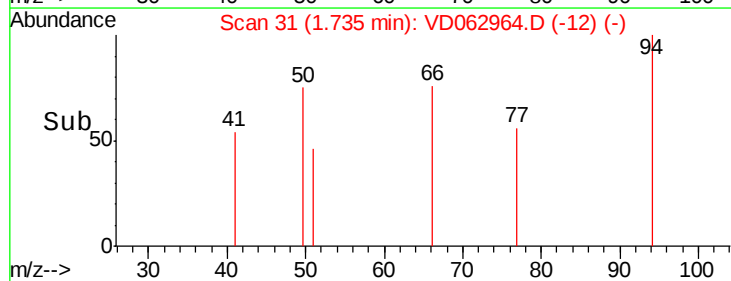
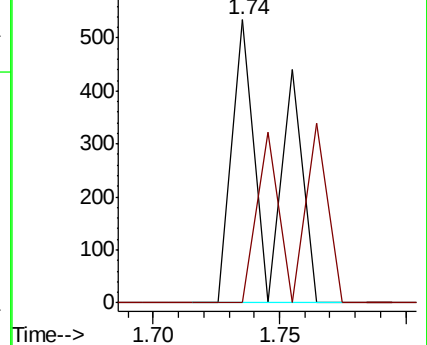
50 100

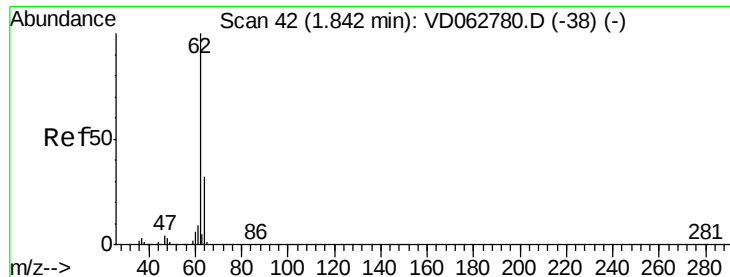
52 0.0 23.6 35.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#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 :

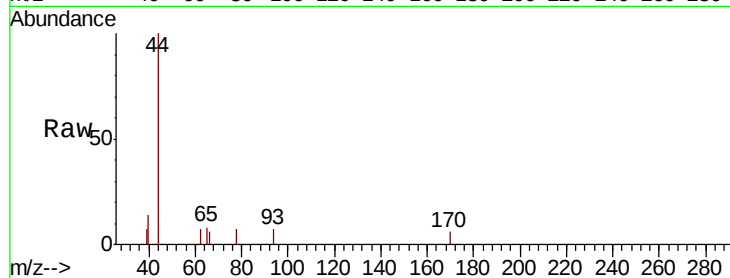
NB-07-062619-BRE

Tot Ion: 62 Resp: 232

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.78

400

300

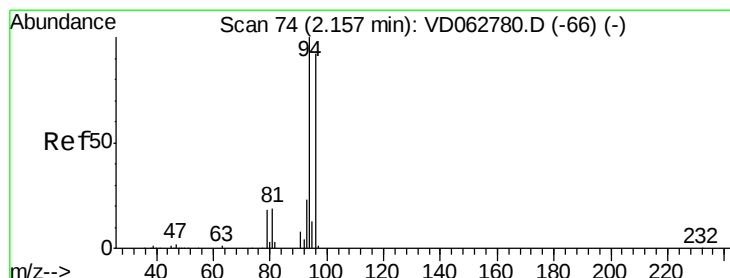
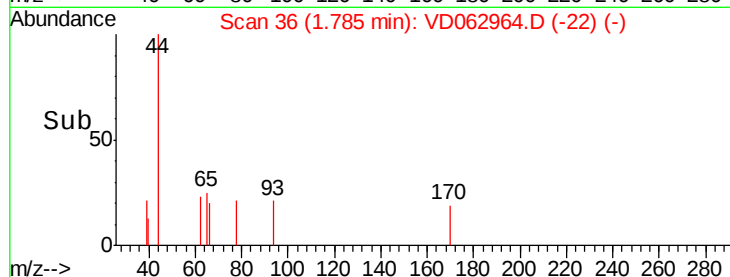
200

100

0

1.76 1.78 1.80

Time-->



#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

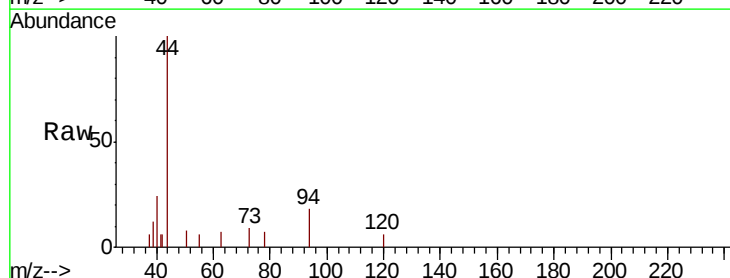
Tgt Ion: 94 Resp: 1658

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

93 100.0 18.2 27.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

1500

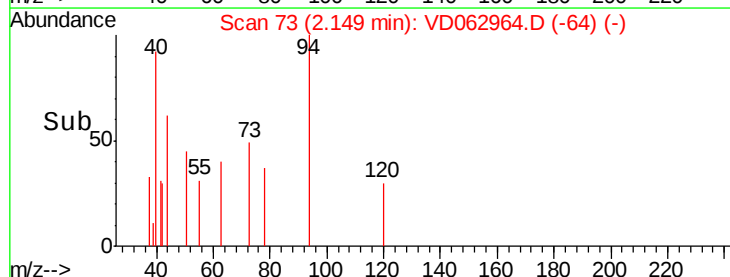
1000

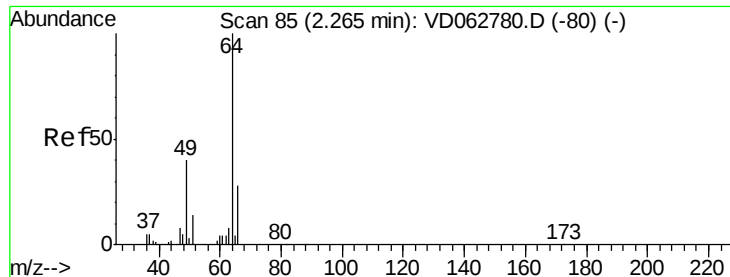
500

0

2.12 2.14 2.16 2.18

Time-->





#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 :

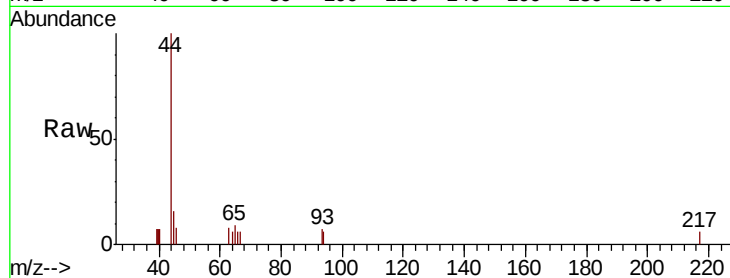
NB-07-062619-BRE

Tot Ion: 64 Resp: 186

Ion Ratio Lower Upper

64 100

66 212.4 23.0 34.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

800

600

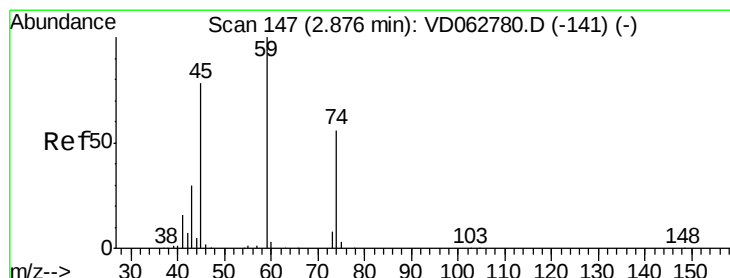
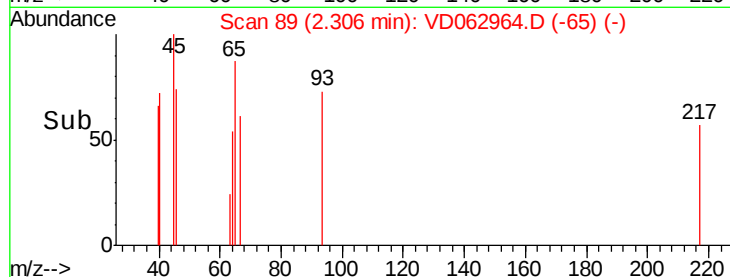
400

200

0

2.28 2.30 2.32 2.34

Time-->



#8

Diethyl Ether

Concen: 6.227 ug/l

RT: 2.94 min Scan# 153

Delta R.T. 0.06 min

Lab File: VD062964.D

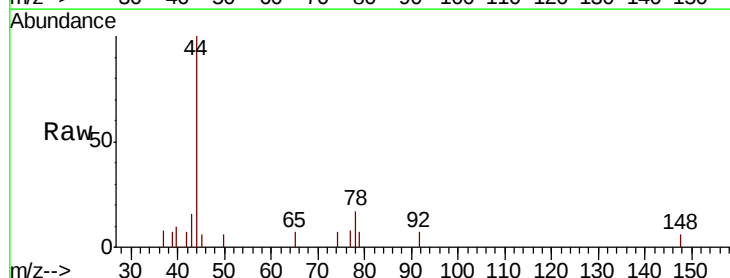
Acq: 28 Jun 2019 14:20

Tgt Ion: 74 Resp: 216

Ion Ratio Lower Upper

74 100

45 83.0 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

600

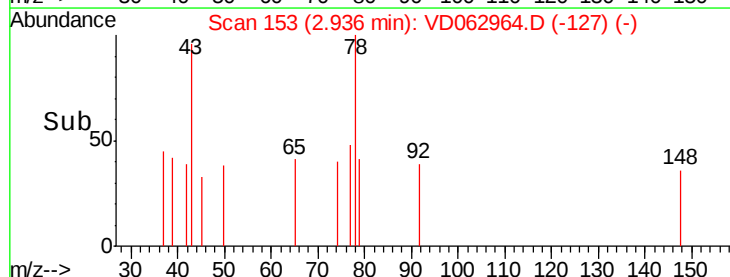
400

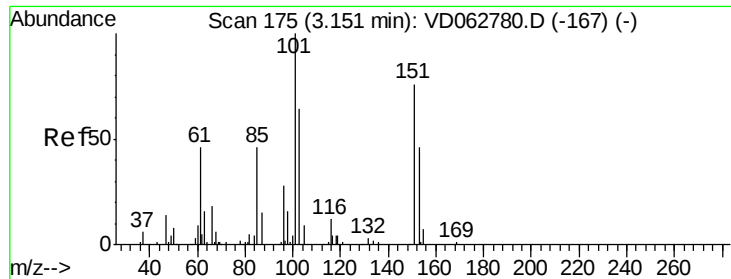
200

0

2.90 2.92 2.94 2.96

Time-->





#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

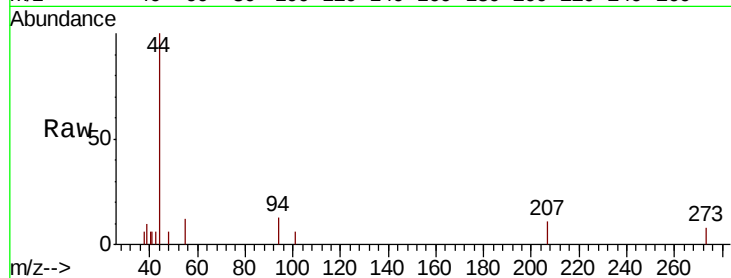
Tot Ion:101 Resp: 201

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.4#

151 0.0 60.5 90.7#



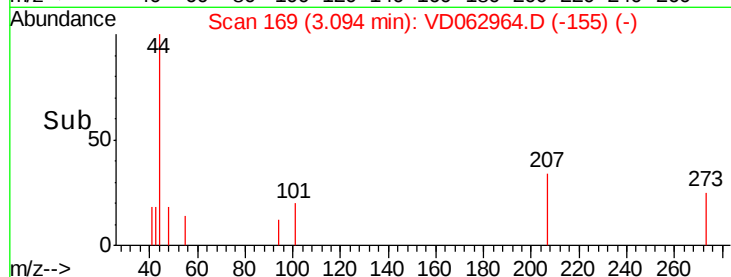
Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

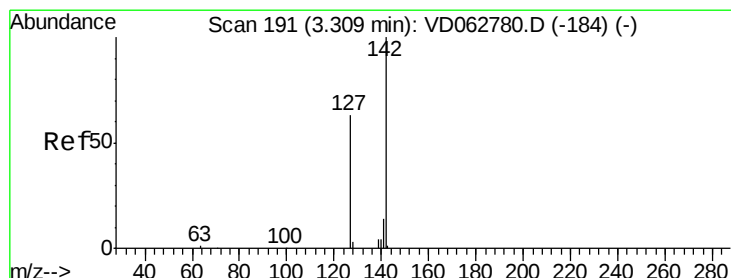
Ion 150.90 (150.60 to 151.60): V

3.09

3.12



Time-->



#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

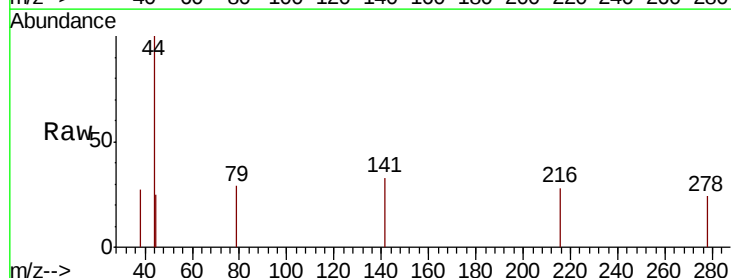
Tgt Ion:142 Resp: 671

Ion Ratio Lower Upper

142 100

127 0.0 50.1 75.1#

141 0.0 11.0 16.4#



Abundance Ion 141.85 (141.55 to 142.55): V

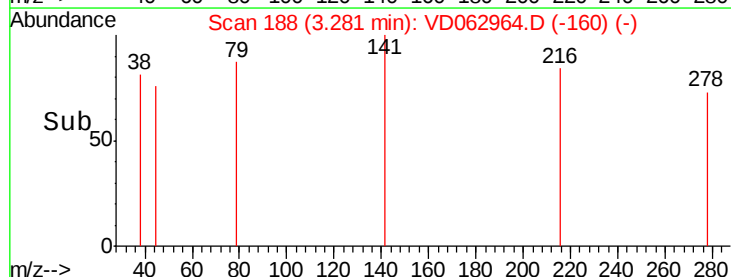
Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

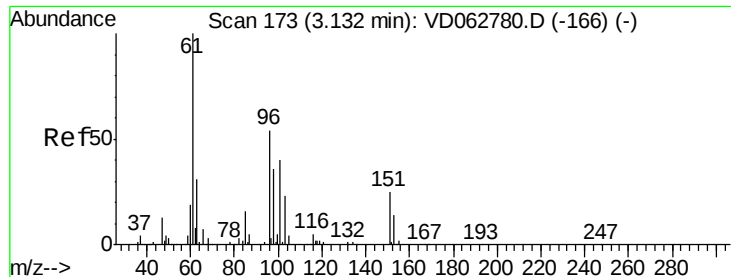
3.28

3.30

3.35



Time-->



#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

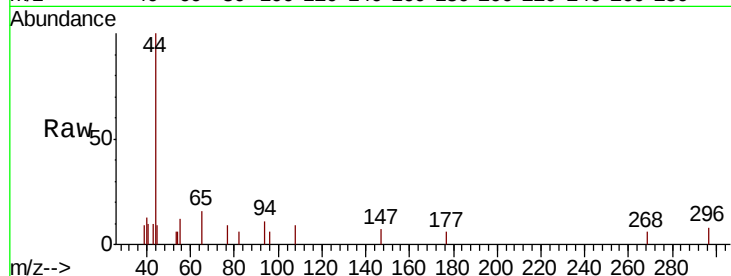
Tot Ion: 96 Resp: 180

Ion Ratio Lower Upper

96 100

61 0.0 147.1 220.7#

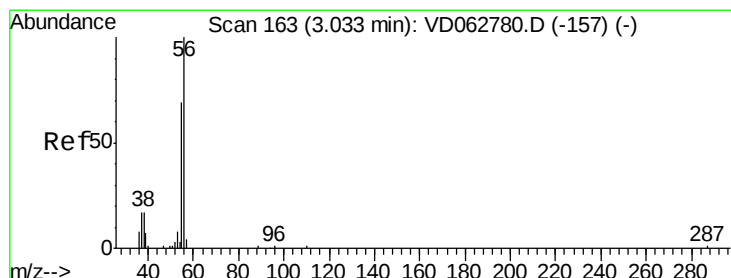
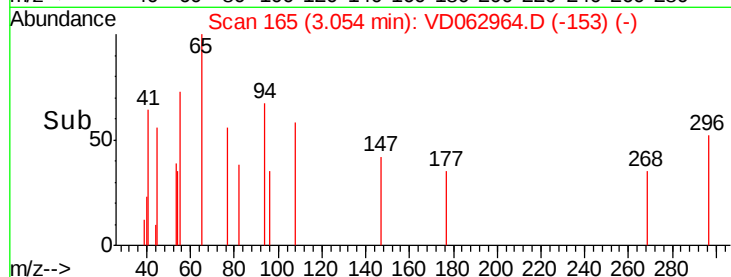
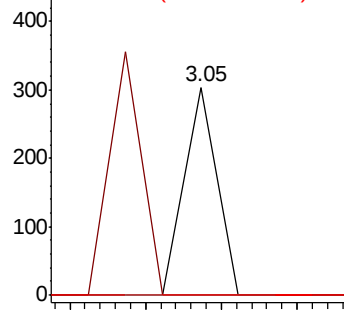
98 0.0 52.6 79.0#



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#13

Acrolein

Concen: 37.220 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD062964.D

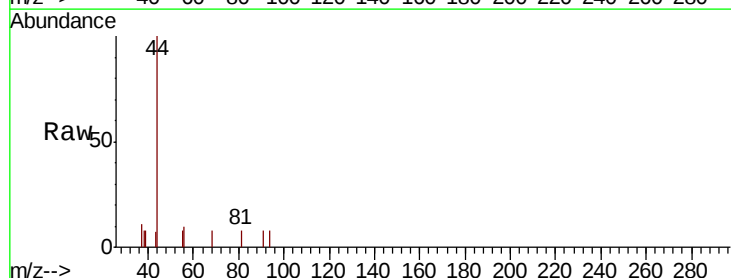
Acq: 28 Jun 2019 14:20

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

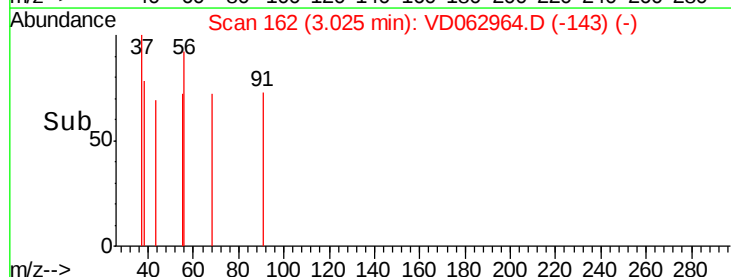
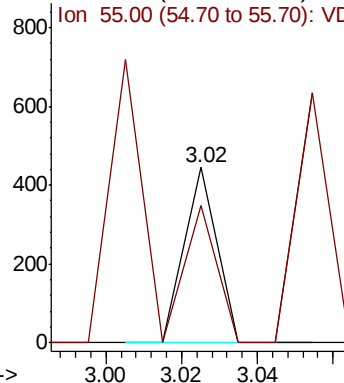
56 100

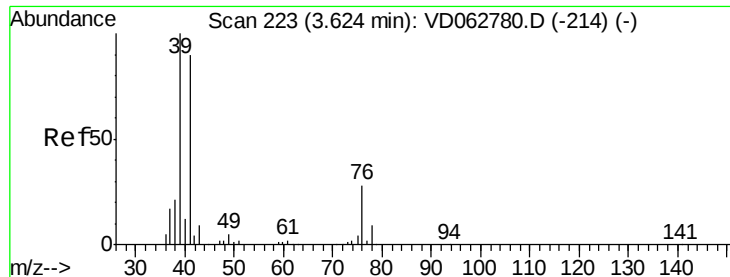
55 78.0 55.4 83.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#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

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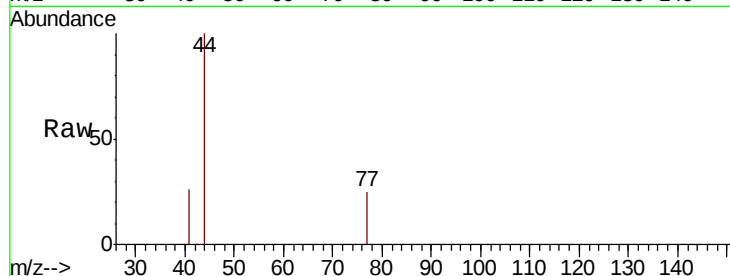
Tot Ion: 41 Resp: 197

Ion Ratio Lower Upper

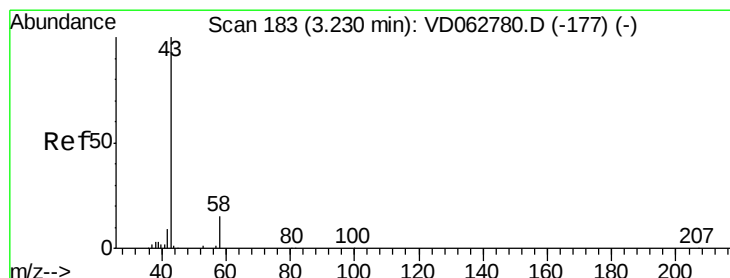
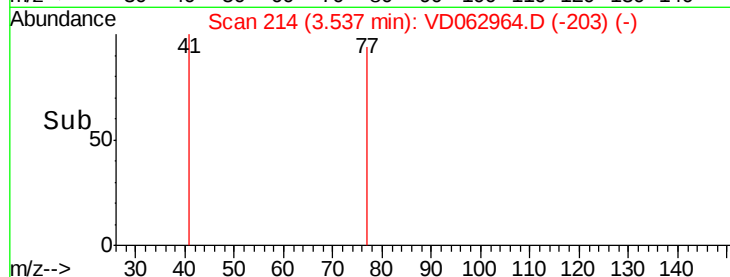
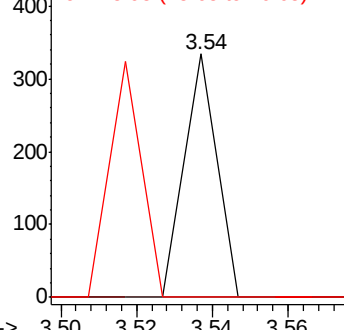
41 100

39 0.0 88.8 133.2#

76 0.0 26.7 40.1#



Abundance Ion 41.05 (40.75 to 41.75): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 75.95 (75.65 to 76.65): VDC



#16

Acetone

Concen: 120.523 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062964.D

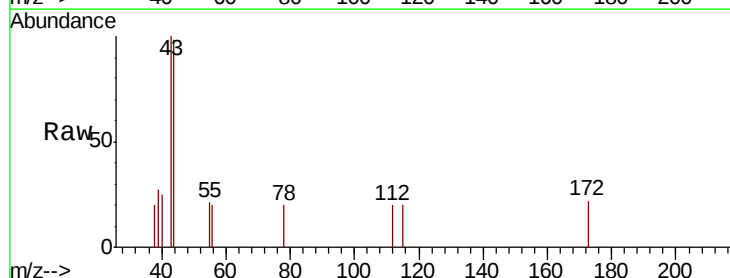
Acq: 28 Jun 2019 14:20

Tgt Ion: 43 Resp: 3826

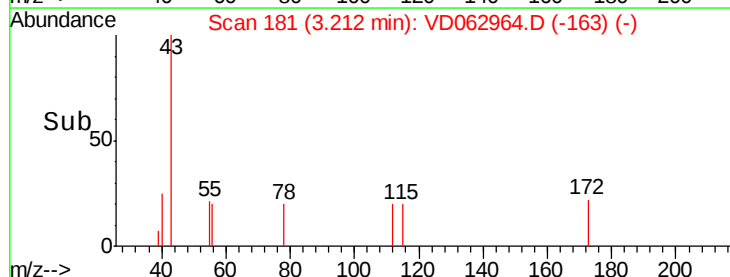
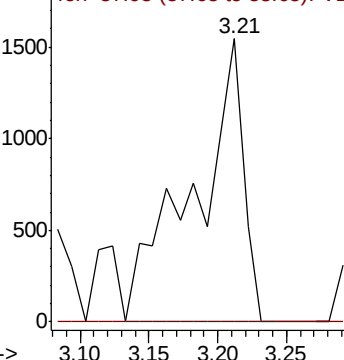
Ion Ratio Lower Upper

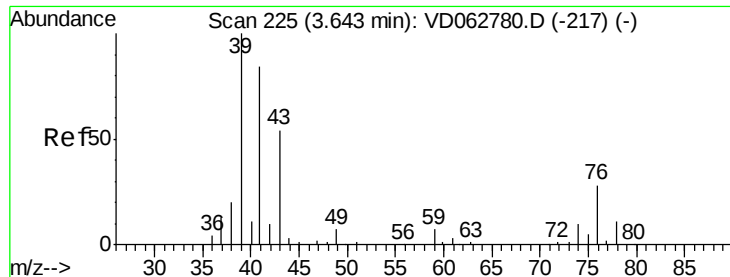
43 100

58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





#18

Methvl 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 :

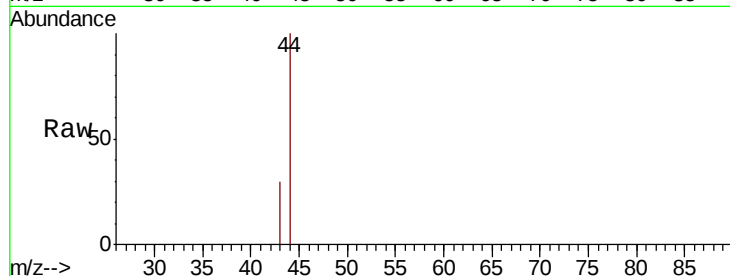
NB-07-062619-BRE

Tot Ion: 43 Resp: 425

Ion Ratio Lower Upper

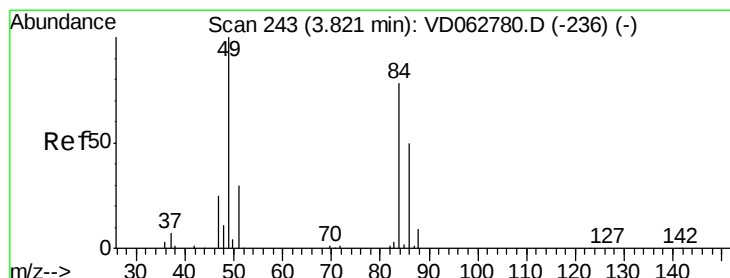
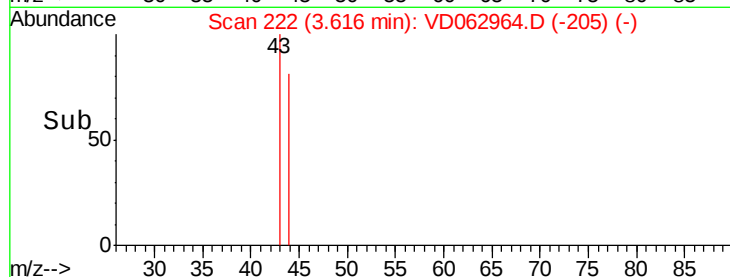
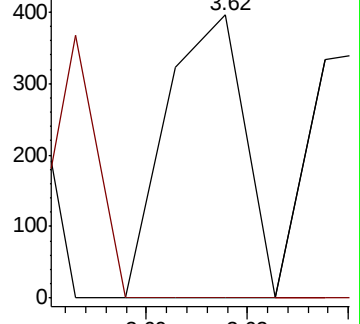
43 100

74 0.0 15.2 22.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#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

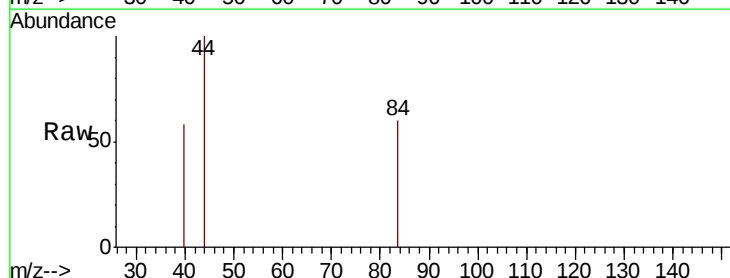
Ion Ratio Lower Upper

84 100

49 0.0 102.9 154.3#

51 0.0 31.2 46.8#

86 0.0 51.4 77.2#

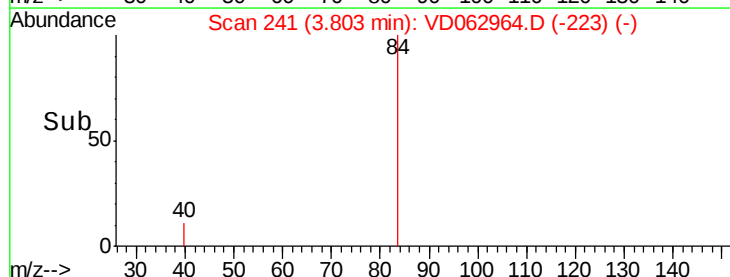
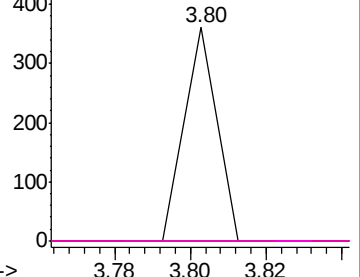


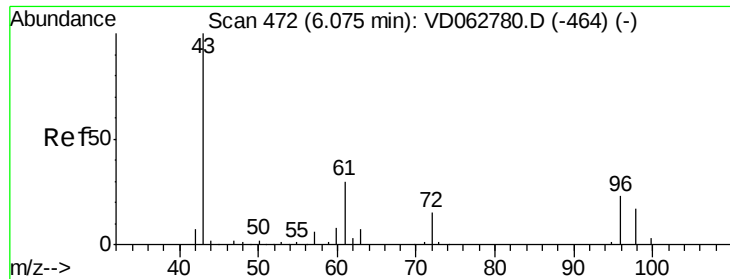
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#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 :

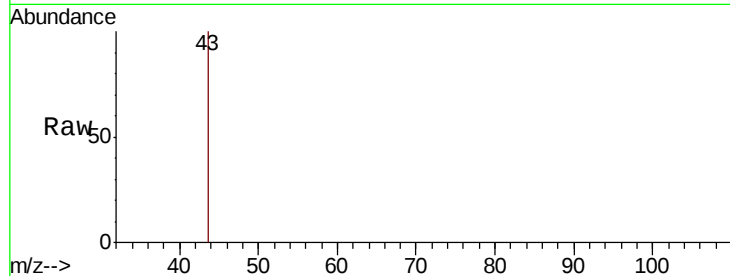
NB-07-062619-BRE

Tot Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

72 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.04

400

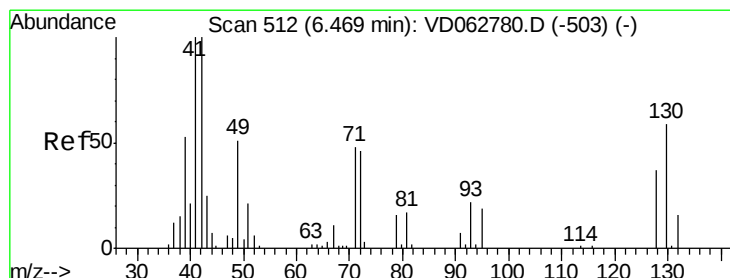
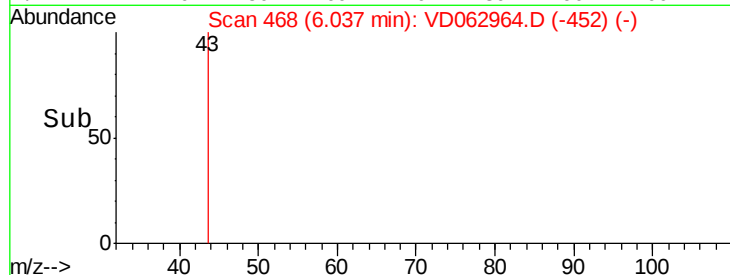
300

200

100

0

Time-->



#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

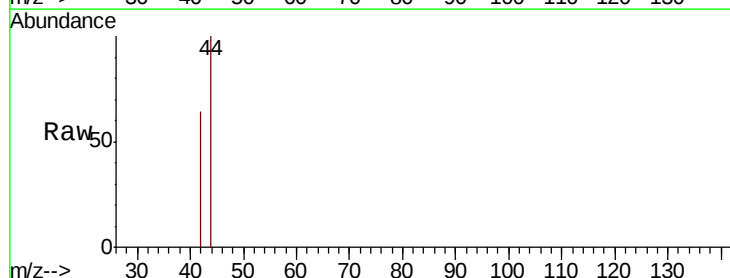
Tgt Ion: 42 Resp: 178

Ion Ratio Lower Upper

42 100

72 0.0 35.0 52.6#

71 0.0 33.3 49.9#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

400

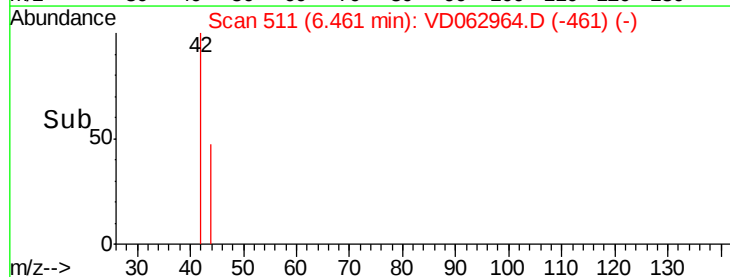
300

200

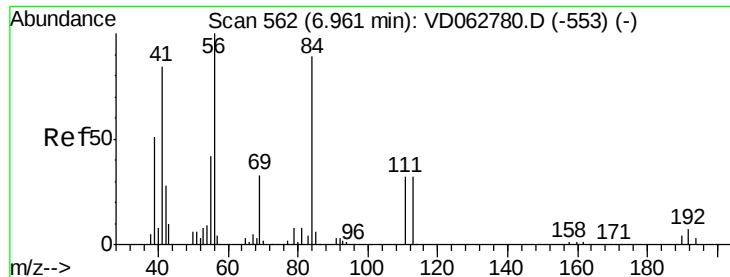
100

0

Time-->



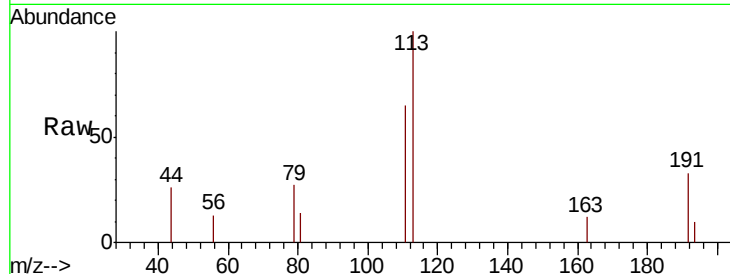
Time-->



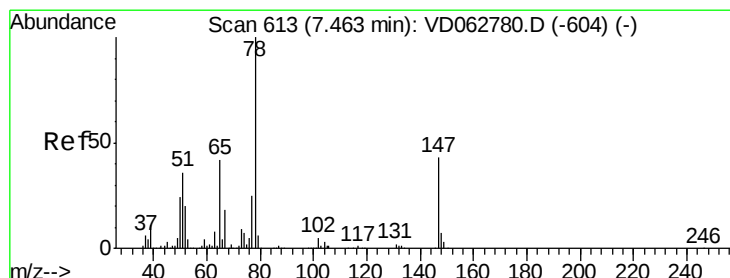
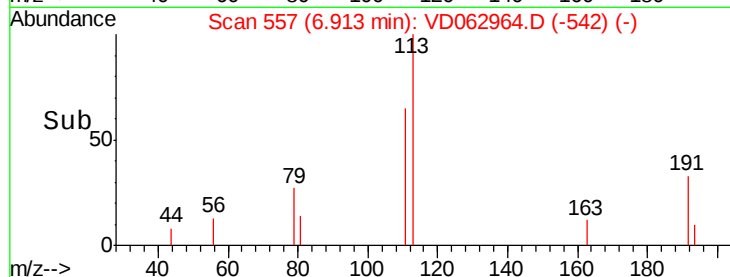
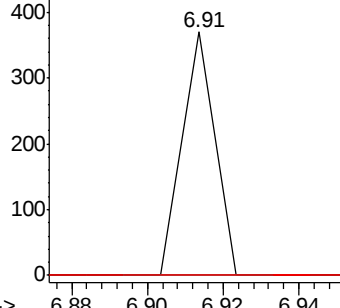
#31
Cvclohexane
Concen: 1.535 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.05 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

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

Tot Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
69 0.0 26.6 39.8#
84 0.0 75.5 113.3#

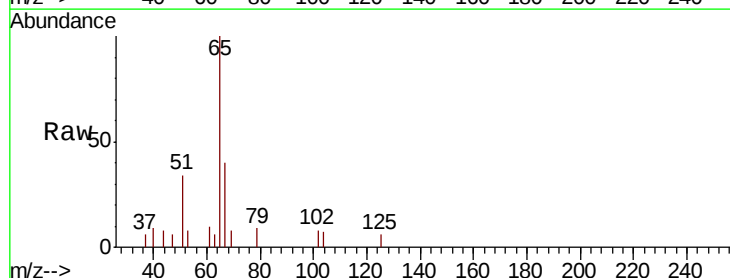


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

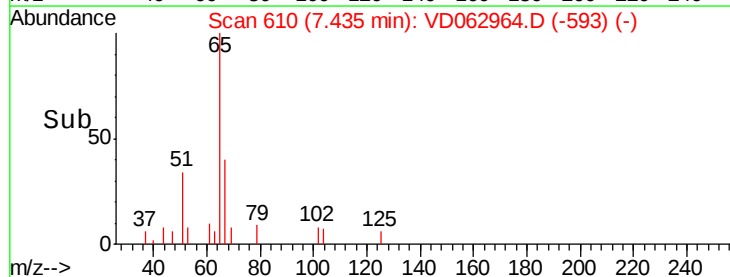
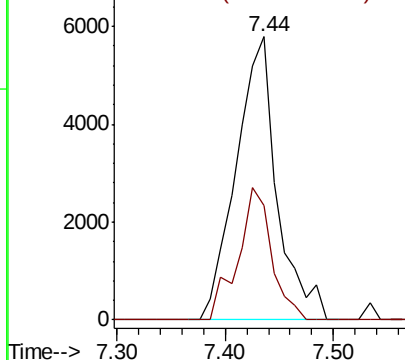


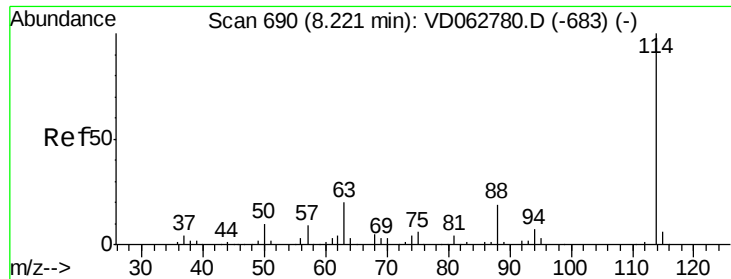
#33
1,2-Dichloroethane-d4
Concen: 100.052 ug/l
RT: 7.44 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 65 Resp: 15205
Ion Ratio Lower Upper
65 100
67 40.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

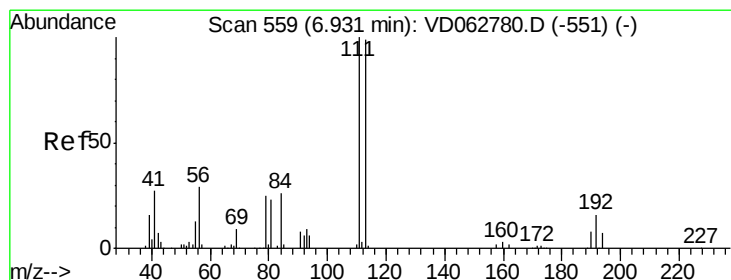
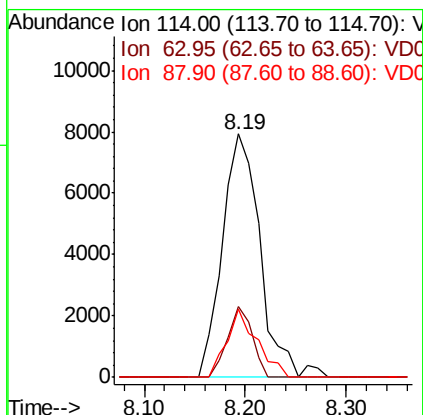
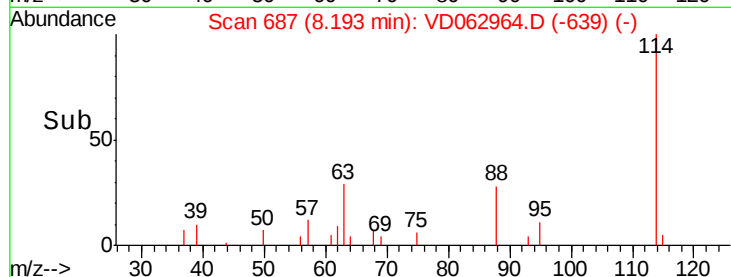
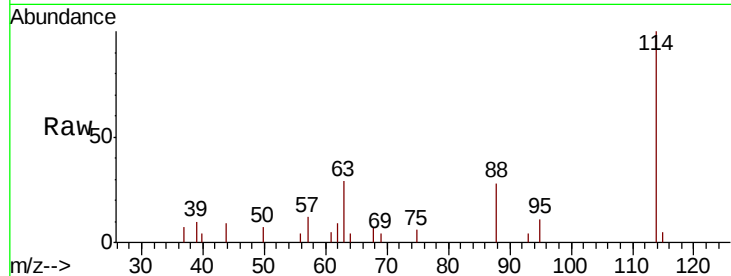




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: VD062964.D
 Acq: 28 Jun 2019 14:20

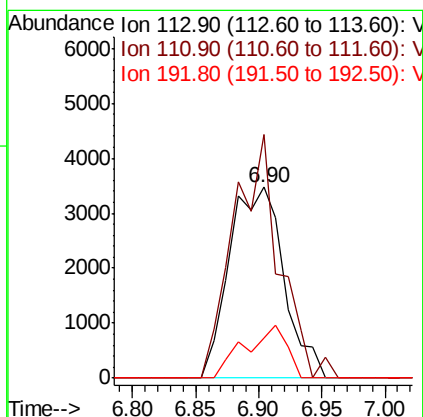
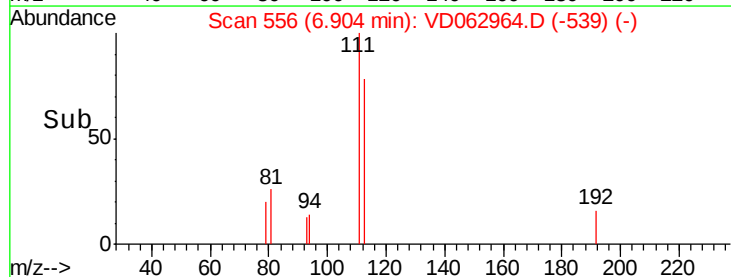
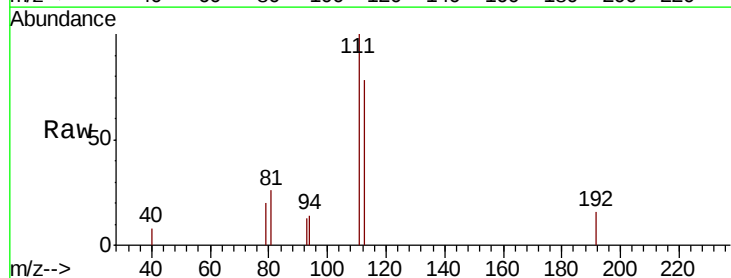
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-062619-BRE

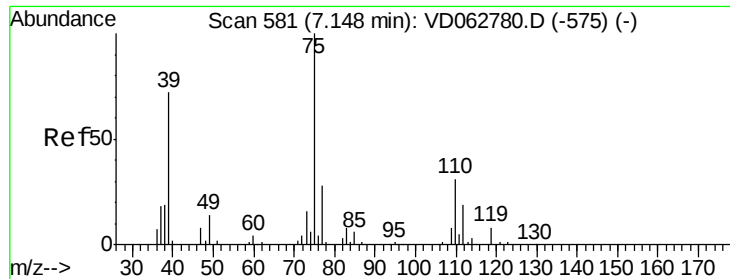
Tot Ion:114 Resp: 20696
 Ion Ratio Lower Upper
 114 100
 63 29.3 0.0 40.0
 88 28.2 0.0 38.8



#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

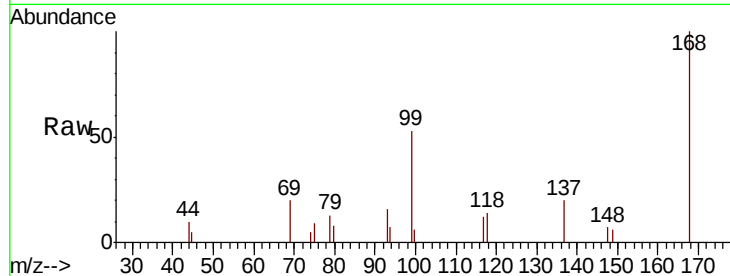
Tot Ion: 75 Resp: 585

Ion Ratio Lower Upper

75 100

110 0.0 15.0 45.1#

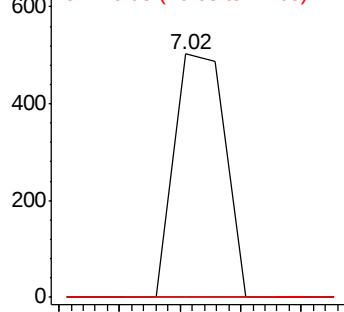
77 0.0 22.2 33.2#



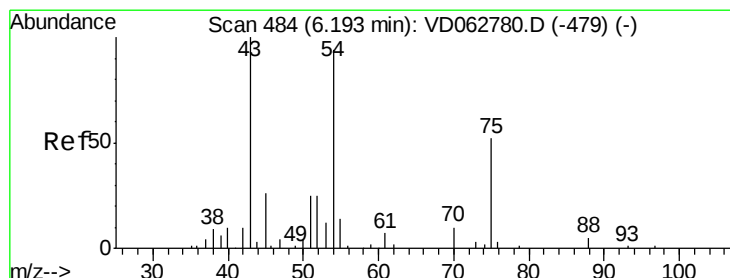
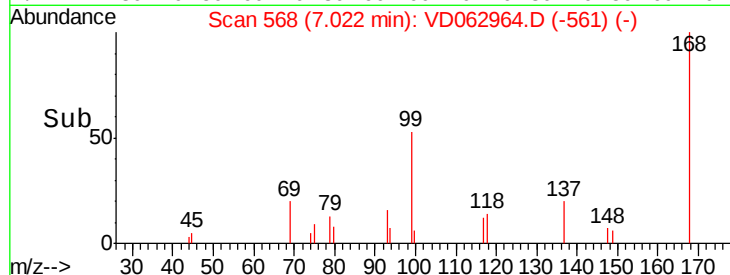
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time-->



#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

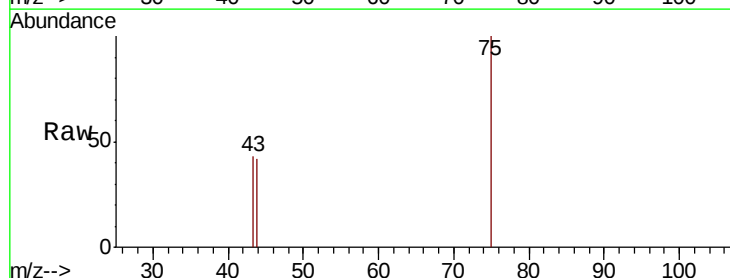
Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

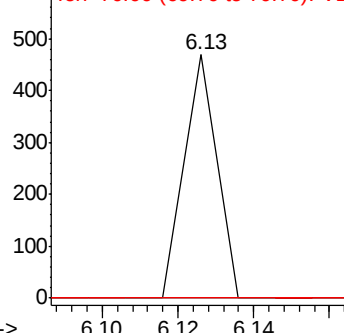
70 0.0 6.4 9.6#



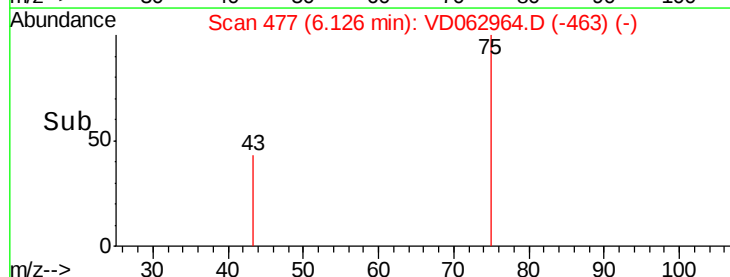
Abundance Ion 42.95 (42.65 to 43.65): VDC

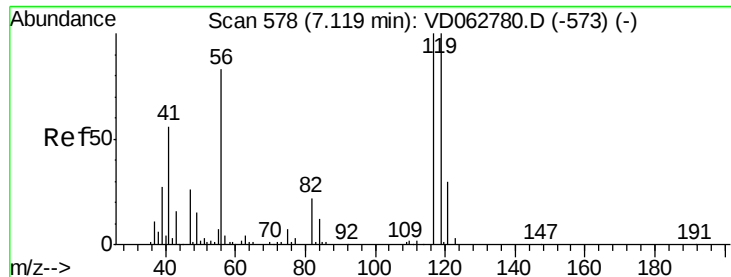
Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



Time-->





#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

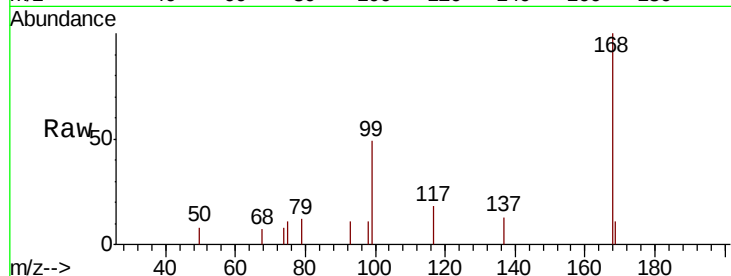
Tot Ion:117 Resp: 1239

Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.2#

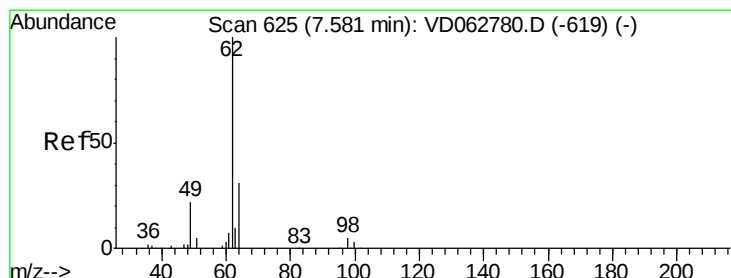
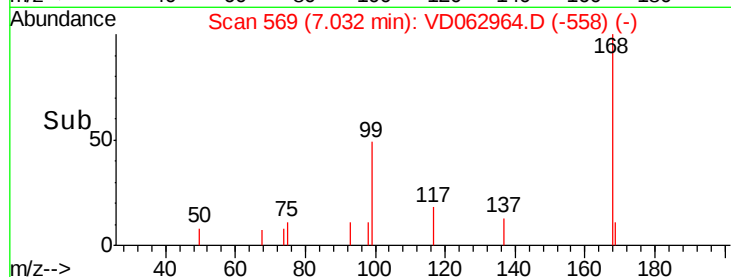
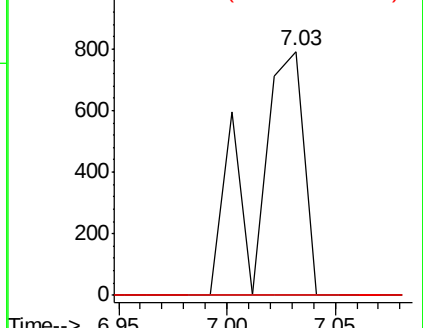
121 0.0 22.3 33.5#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#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

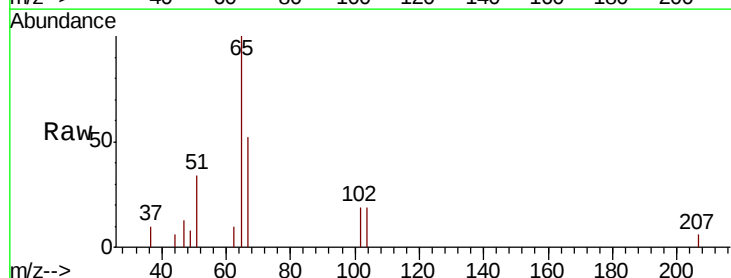
Acq: 28 Jun 2019 14:20

Tgt Ion: 62 Resp: 300

Ion Ratio Lower Upper

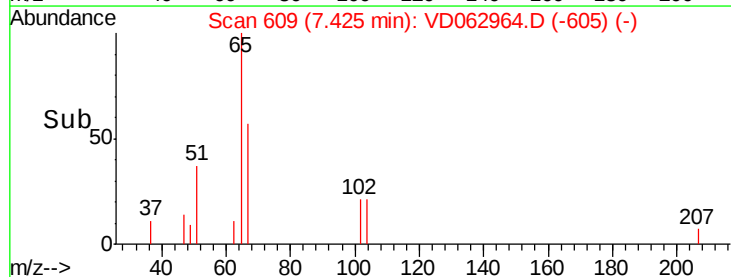
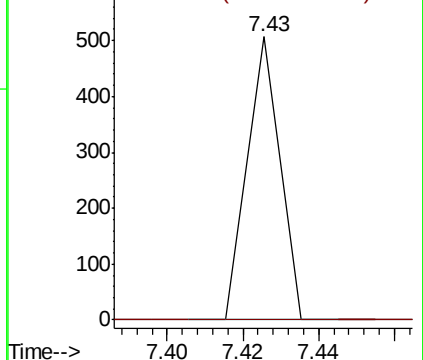
62 100

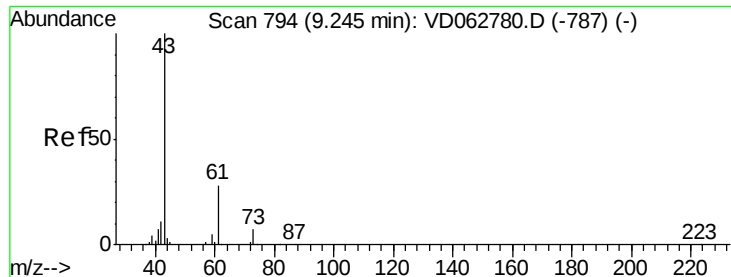
98 0.0 0.0 10.0



Abundance Ion 61.95 (61.65 to 62.65): V

Ion 97.85 (97.55 to 98.55): V





#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

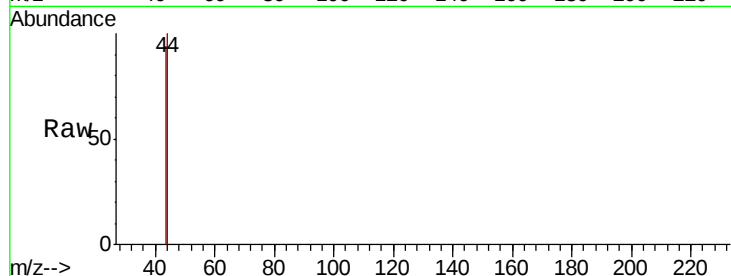
Tot Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

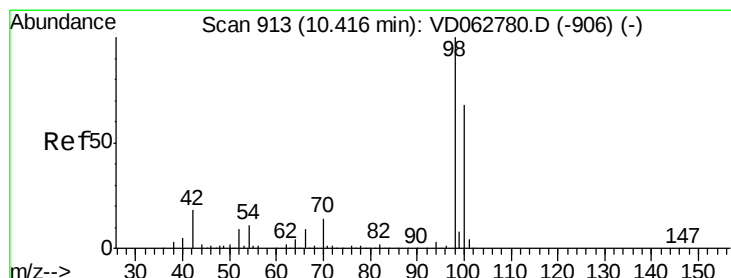
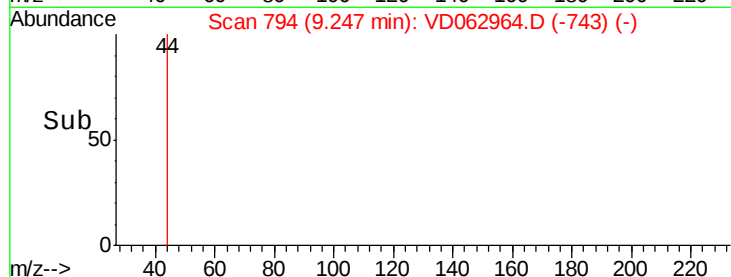
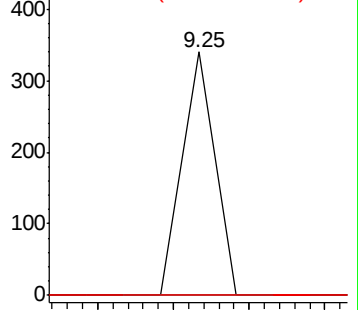
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#50

Toluene-d8

Concen: 49.546 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062964.D

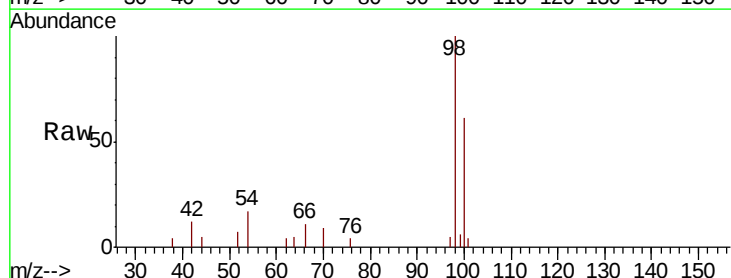
Acq: 28 Jun 2019 14:20

Tgt Ion: 98 Resp: 18818

Ion Ratio Lower Upper

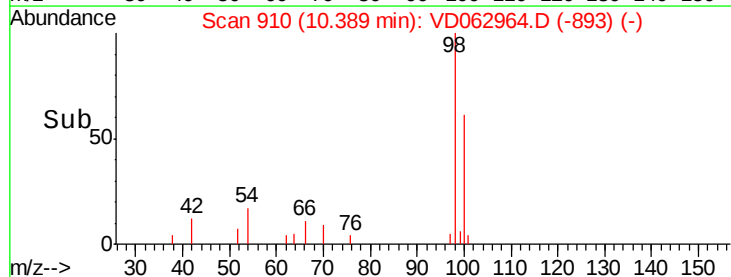
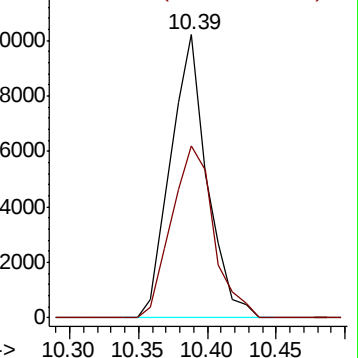
98 100

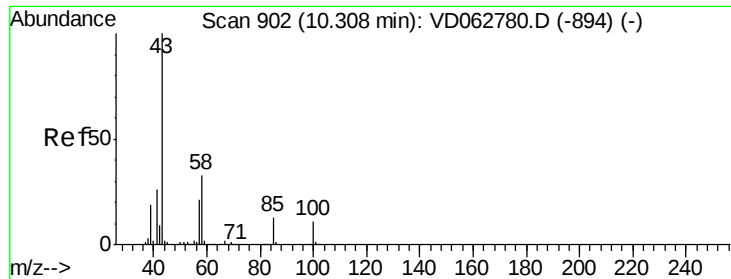
100 60.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

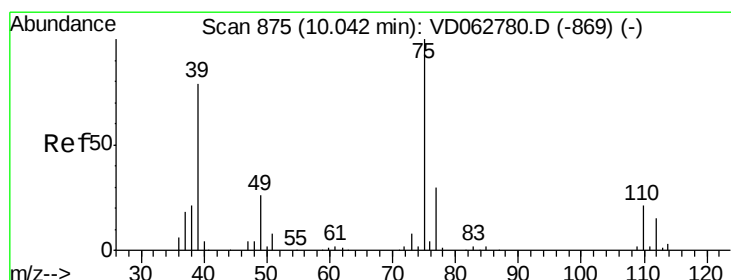
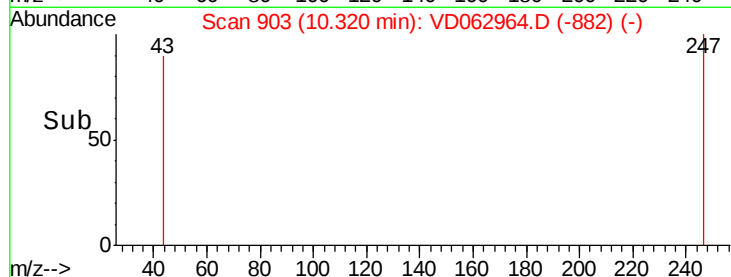
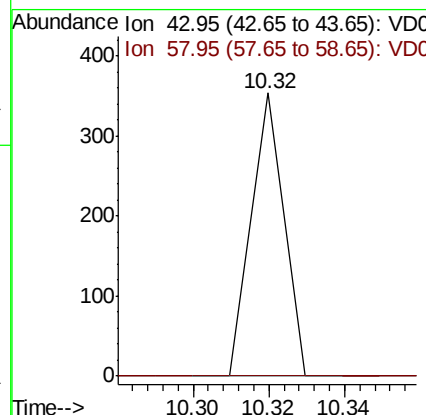
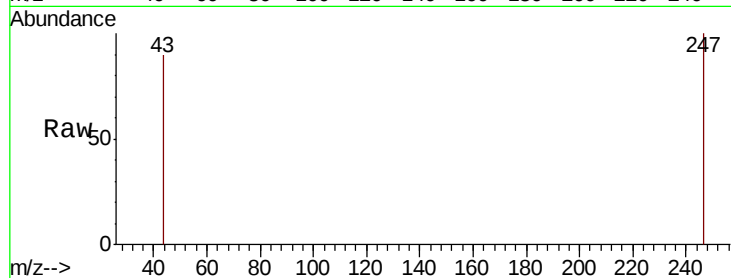




#51
4-Methyl-2-Pentanone
Concen: 2.870 ug/l
RT: 10.32 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

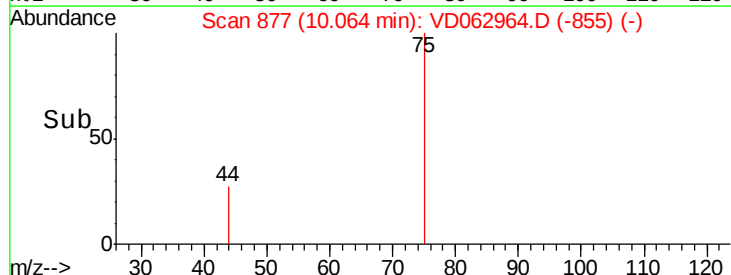
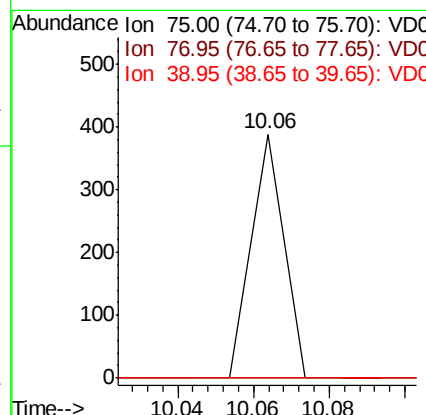
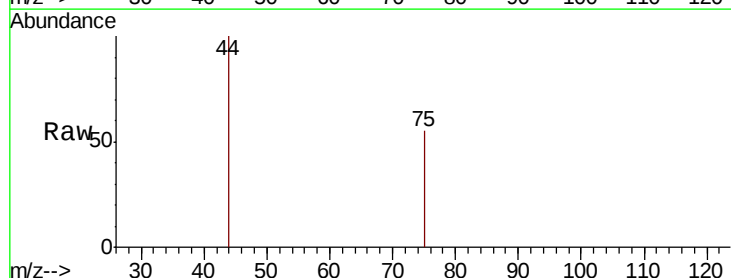
Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

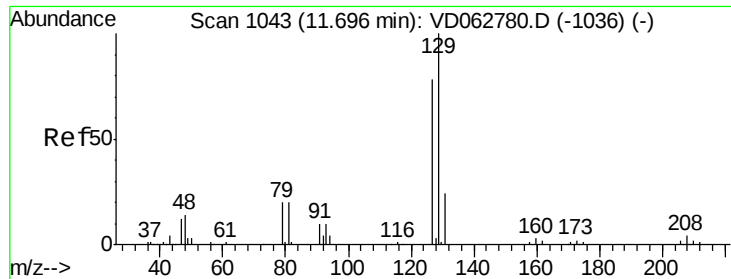
Tot Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
58 0.0 26.6 40.0#



#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 :

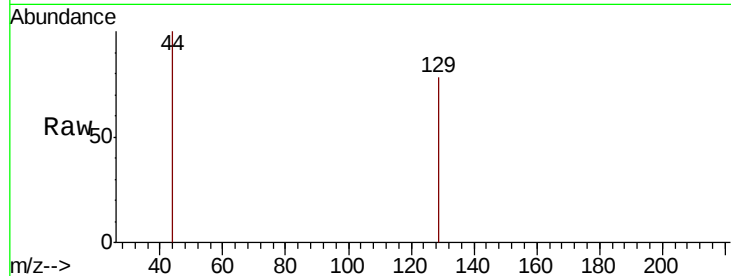
NB-07-062619-BRE

Tot Ion:129 Resp: 213

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.58

400

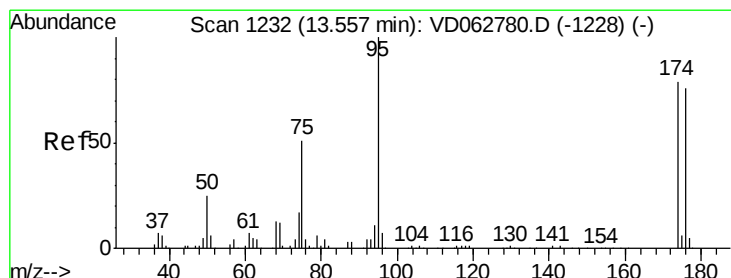
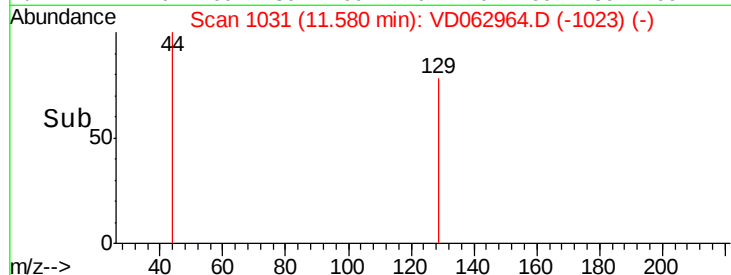
300

200

100

0

Time-->



#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

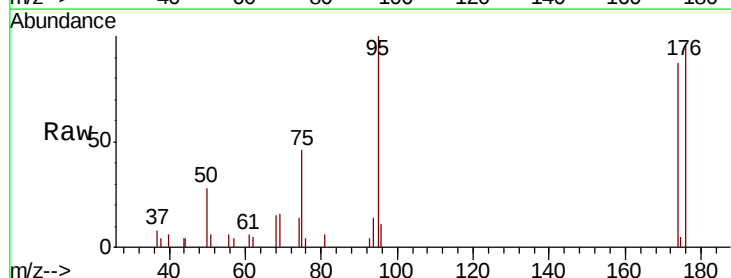
Tgt Ion: 95 Resp: 11710

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.0

176 86.6 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

10000

8000

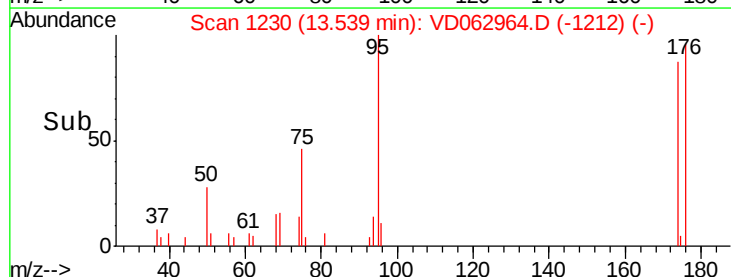
6000

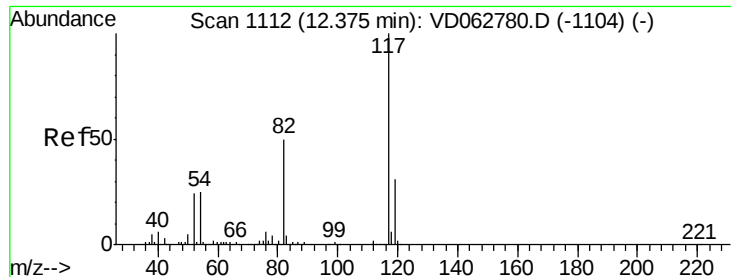
4000

2000

0

Time-->

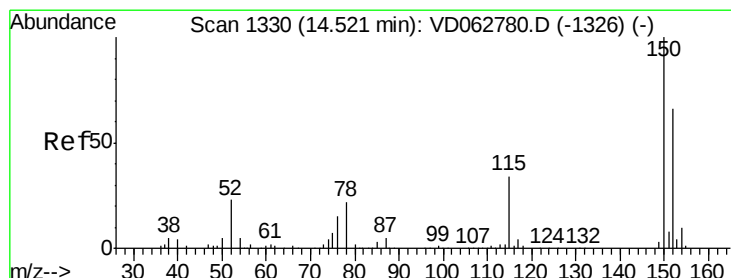
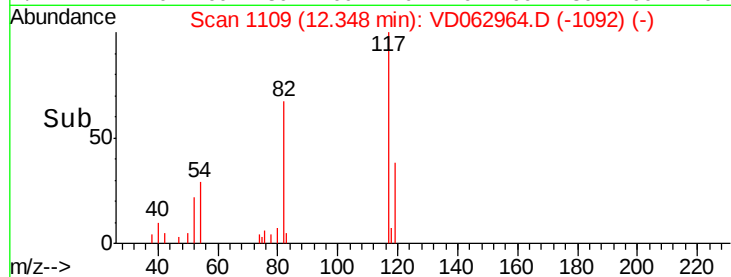
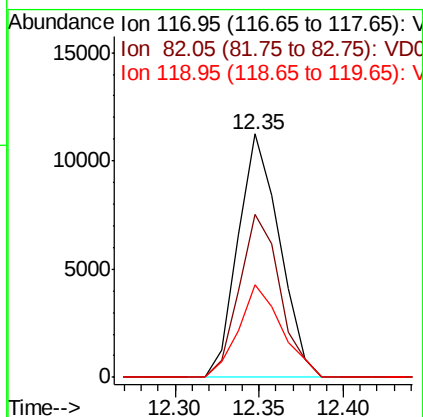
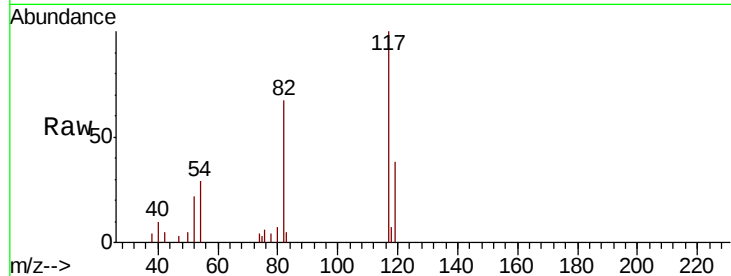




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

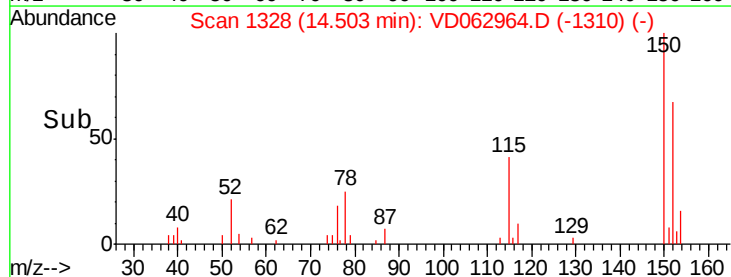
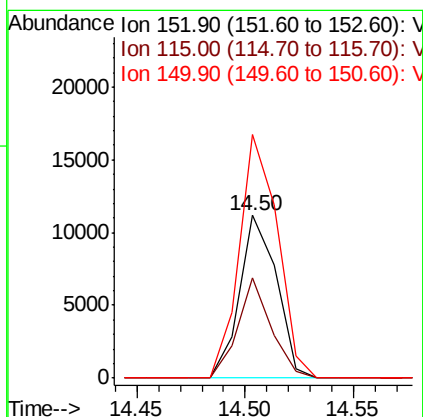
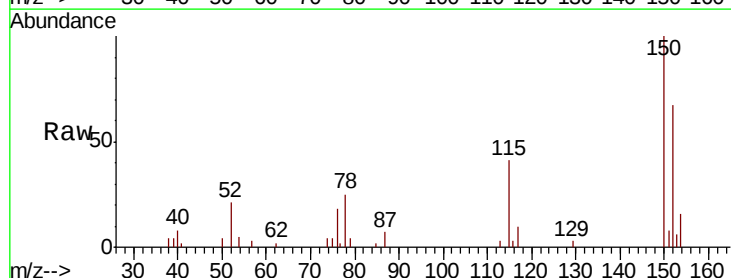
Instrument :
MSVOA_D
ClientSampleId :
NB-07-062619-BRE

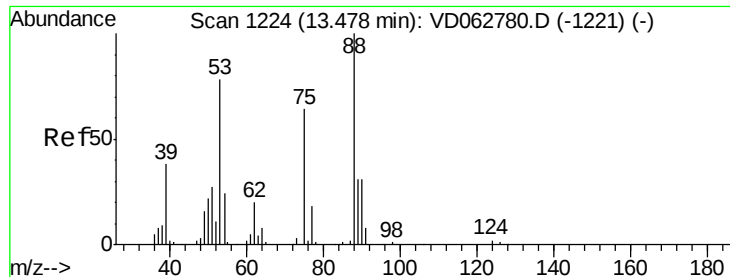
Tot Ion:117 Resp: 19159
Ion Ratio Lower Upper
117 100
82 66.8 40.4 60.6#
119 37.9 25.2 37.8#



#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

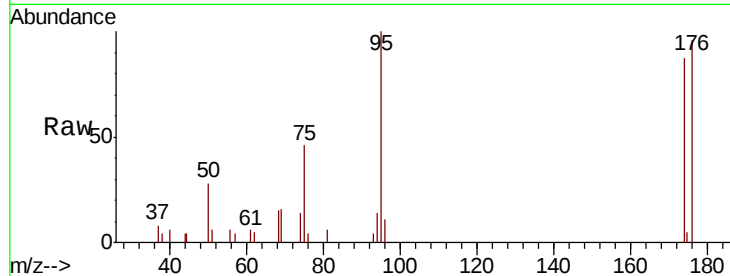




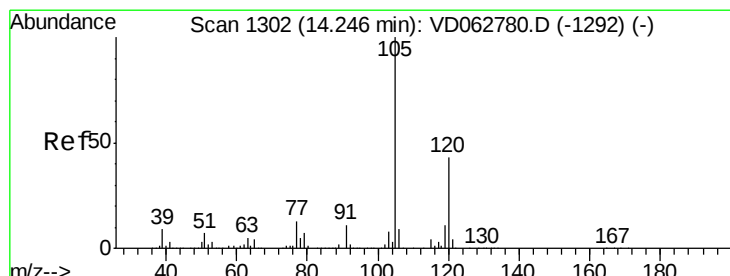
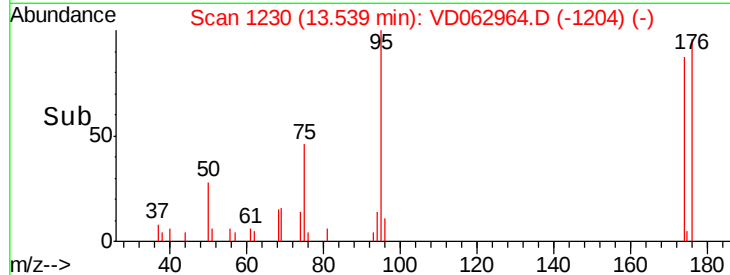
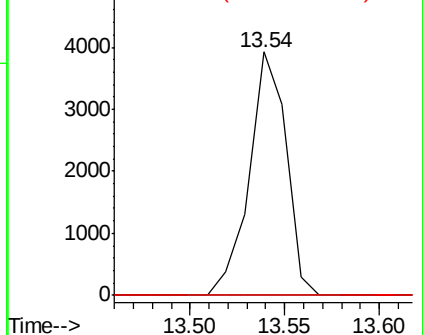
#81
trans-1,4-Dichloro-2-butene
Concen: 133.223 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. 0.06 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

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

Tot Ion: 75 Resp: 5319
Ion Ratio Lower Upper
75 100
53 0.0 97.8 146.8#
89 0.0 39.4 59.2#

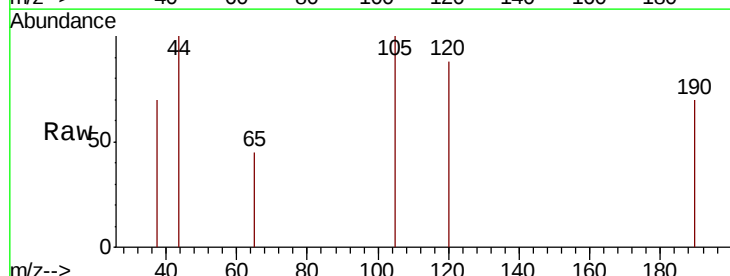


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

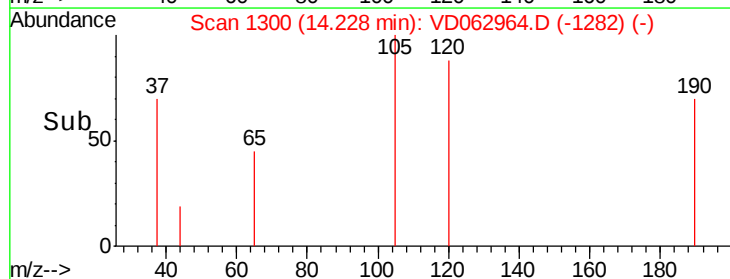
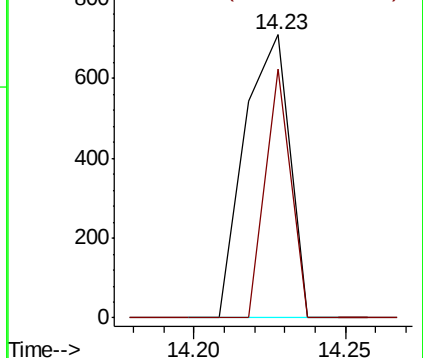


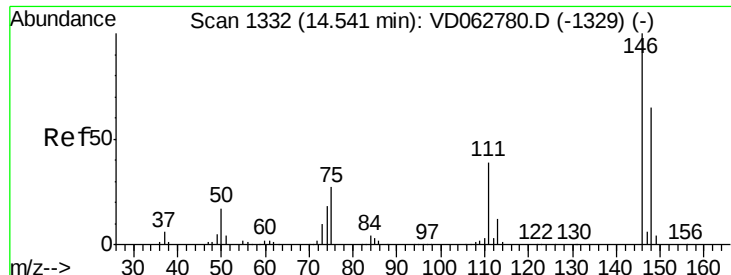
#84
1,2,4-Trimethylbenzene
Concen: 1.015 ug/l
RT: 14.23 min Scan# 1300
Delta R.T. -0.02 min
Lab File: VD062964.D
Acq: 28 Jun 2019 14:20

Tgt Ion: 105 Resp: 739
Ion Ratio Lower Upper
105 100
120 87.7 21.3 63.9#



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#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

Tot Ion:146 Resp: 412

Ion Ratio Lower Upper

146 100

111 134.0 19.7 59.1#

148 0.0 32.8 98.3#

