

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063094.D
 Acq On : 24 Aug 2020 14:39
 Operator : JC/MD
 Sample : PB131167TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131167TB

Quant Time: Aug 25 00:54:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	223071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98134	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	87800	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
35) Dibromofluoromethane	7.55	113	74784	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	10.06	98	297592	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	12.38	95	108056	54.85	ug/l	0.00
Spiked Amount			Recovery	=	109.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.55	64	320	0.300	ug/l #	43
16) Acetone	3.79	43	13350	22.973	ug/l	94
17) Carbon Disulfide	3.98	76	846	0.280	ug/l #	76
18) Methyl Acetate	4.28	43	1417	0.884	ug/l #	80
20) Methylene Chloride	4.49	84	13501	8.380	ug/l	93
25) 2-Butanone	6.79	43	891	1.040	ug/l	95
29) Tetrahydrofuran	7.18	42	402	0.727	ug/l #	34
31) Cyclohexane	7.62	56	2799	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	9805	4.988	ug/l #	49
38) Carbon Tetrachloride	7.62	117	11575	5.832	ug/l #	18
43) Isopropyl Acetate	8.13	43	39749	13.025	ug/l #	88
45) 1,2-Dichloropropane	9.24	63	860	0.477	ug/l #	43
48) Methyl methacrylate	9.15	41	2368	1.640	ug/l #	11
49) 1,4-Dioxane	9.17	88	550	32.339	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	5090	2.639	ug/l	94
54) cis-1,3-Dichloropropene	9.88	75	17371	6.715	ug/l #	66
56) Ethyl methacrylate	10.52	69	1181	2.200	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	3310	1.239	ug/l #	42
59) 2-Hexanone	10.74	43	45874	34.096	ug/l #	53
70) Styrene	11.94	104	377	1.985	ug/l #	50
71) Bromoform	12.38	173	892	0.587	ug/l #	1
74) N-amyl acetate	12.02	43	2316	0.962	ug/l #	43
76) 1,2,3-Trichloropropane	12.38	75	51852	27.183	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3646	0.656	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	51852	74.657	ug/l #	15
87) 1,3-Dichlorobenzene	13.26	146	730	0.230	ug/l #	77
88) 1,4-Dichlorobenzene	13.34	146	958	0.297	ug/l #	1
89) n-Butylbenzene	13.59	91	2404	3.195	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	683	0.223	ug/l	78
93) 1,2,4-Trichlorobenzene	14.89	180	1203	5.188	ug/l #	83
94) Hexachlorobutadiene	14.99	225	496	0.437	ug/l	71
95) Naphthalene	15.11	128	3420	6.417	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.29	180	1382	4.729	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

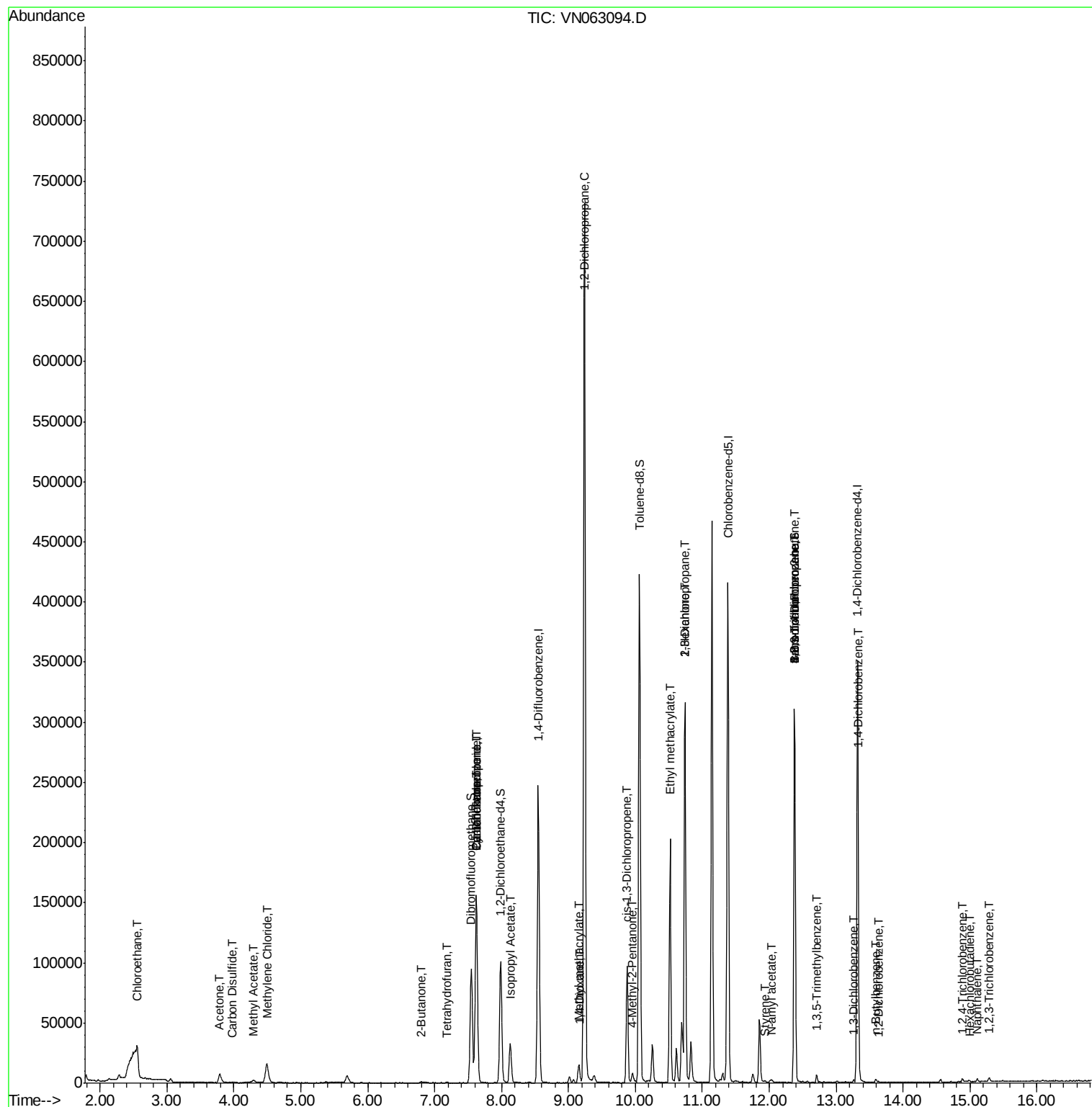
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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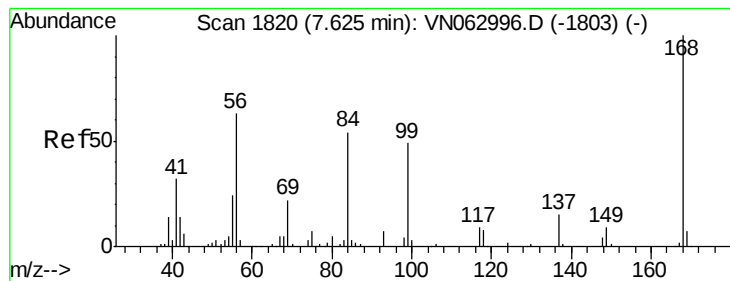
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082420\
Data File : VN063094.D
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Sample : PB131167TB
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

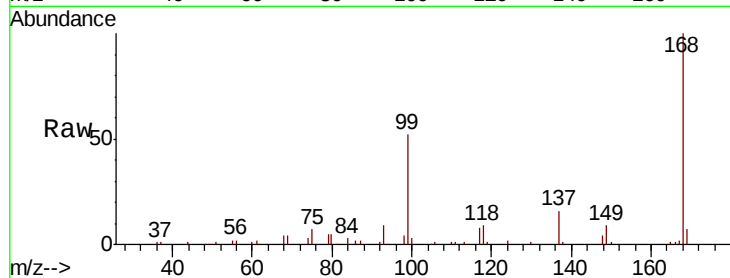
PB131167TB

Tot Ion:168 Resp: 136127

Ion Ratio Lower Upper

168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN062996.D (-1803) (-)

Ion 98.90 (98.60 to 99.60): VN062996.D (-1803) (-)

7.63

60000

50000

40000

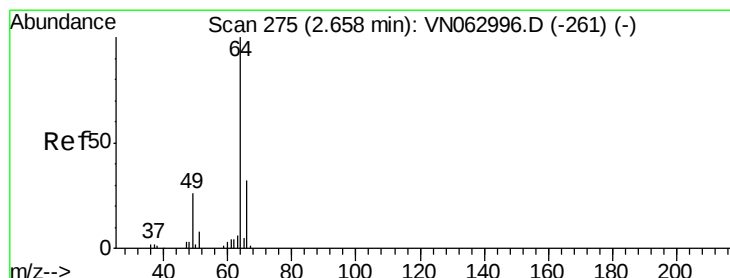
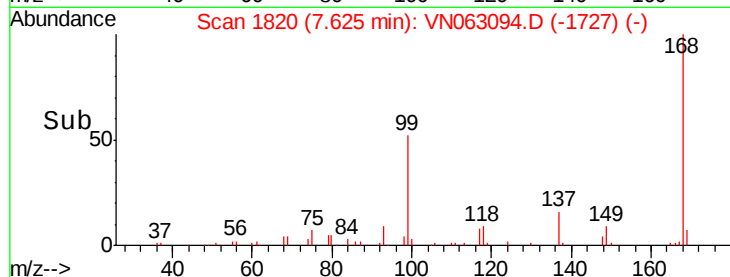
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#6

Chloroethane

Concen: 0.300 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.11 min

Lab File: VN063094.D

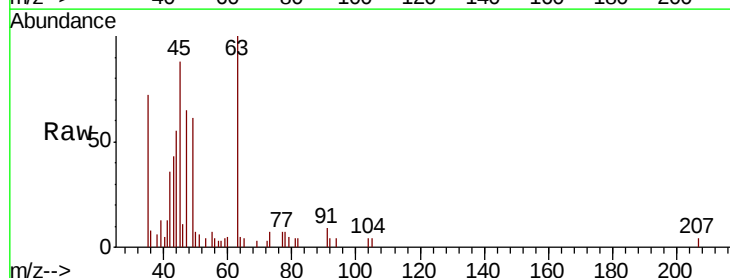
Acq: 24 Aug 2020 14:39

Tgt Ion: 64 Resp: 320

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.55

250

200

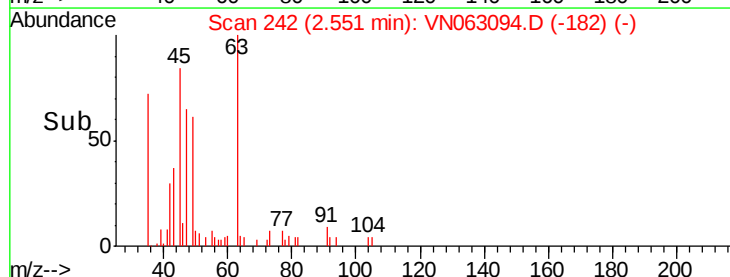
150

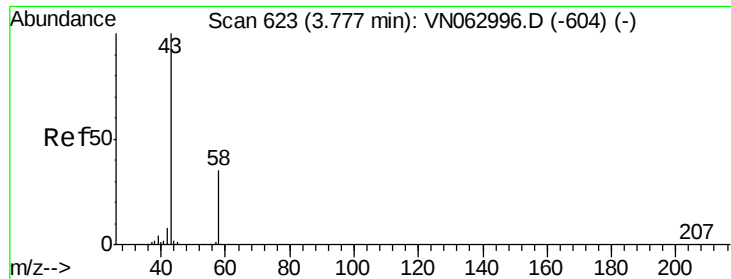
100

50

0

Time--> 2.54 2.56 2.58





#16

Acetone

Concen: 22.973 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

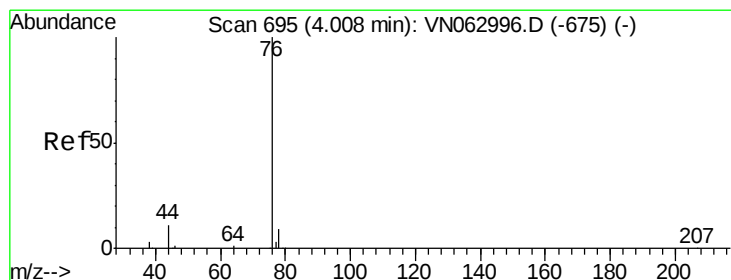
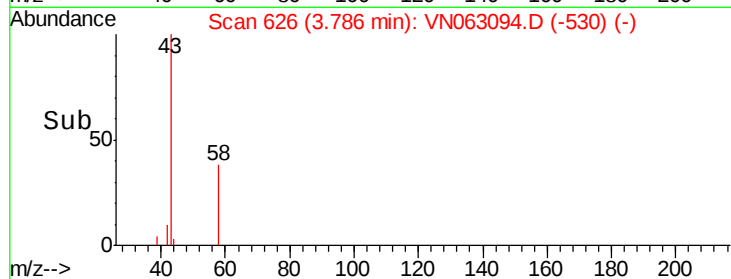
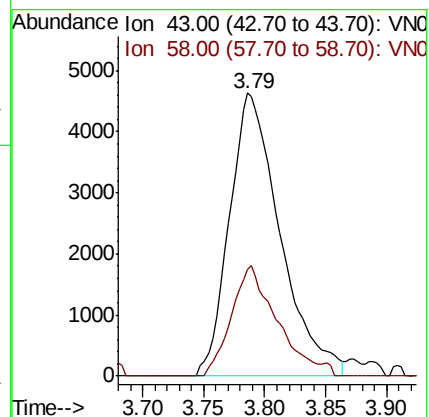
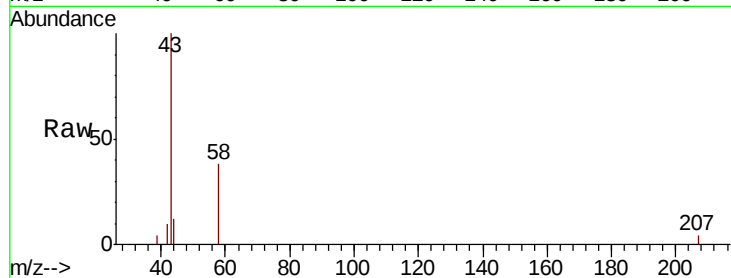
PB131167TB

Tot Ion: 43 Resp: 13350

Ion Ratio Lower Upper

43 100

58 37.9 27.8 41.6



#17

Carbon Disulfide

Concen: 0.280 ug/l

RT: 3.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: VN063094.D

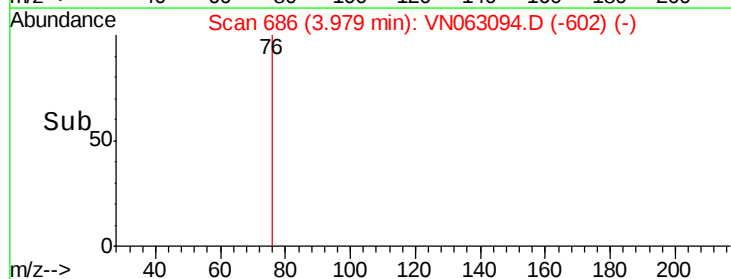
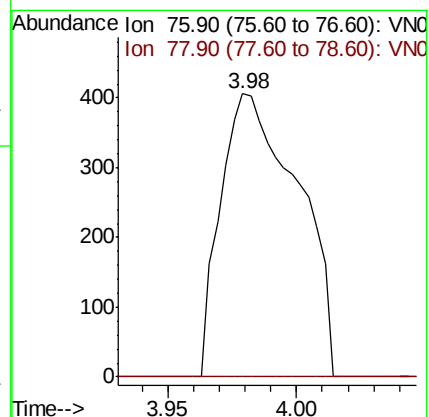
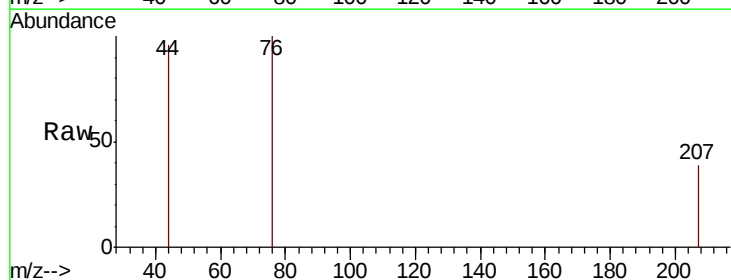
Acq: 24 Aug 2020 14:39

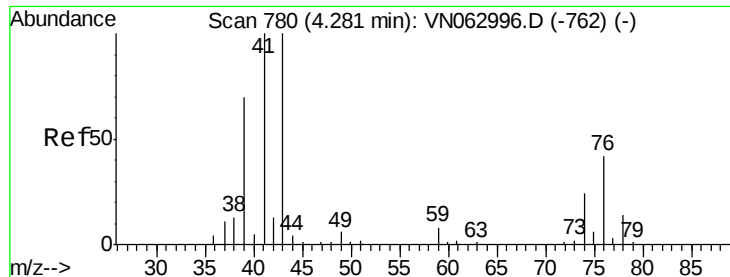
Tgt Ion: 76 Resp: 846

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#

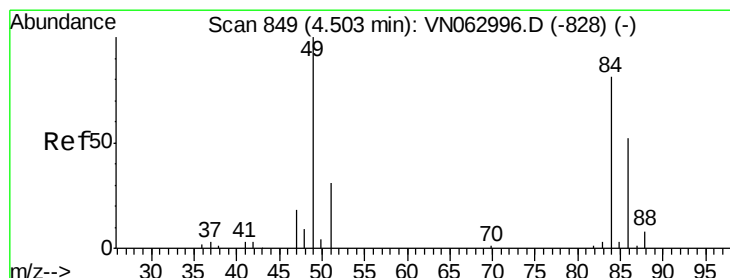
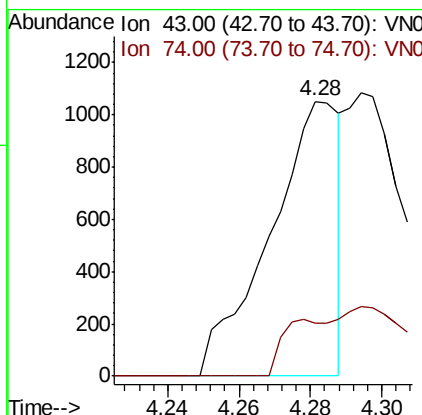
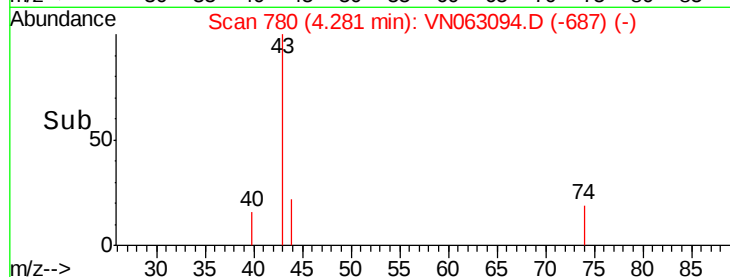
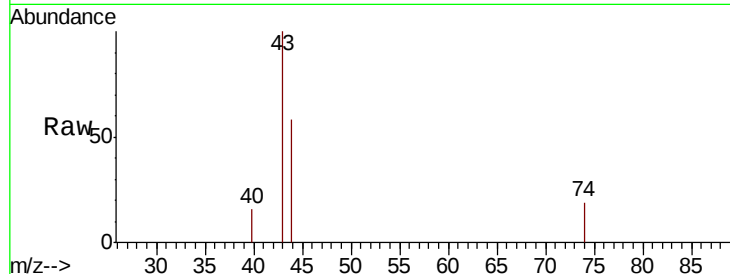




#18
Methyl Acetate
Concen: 0.884 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

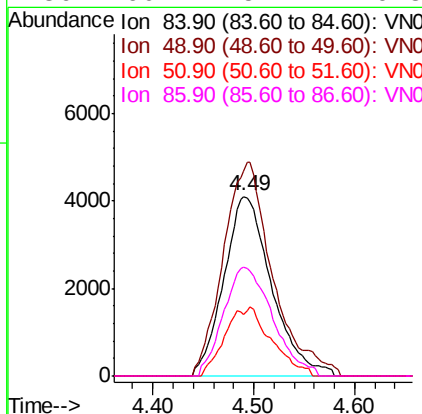
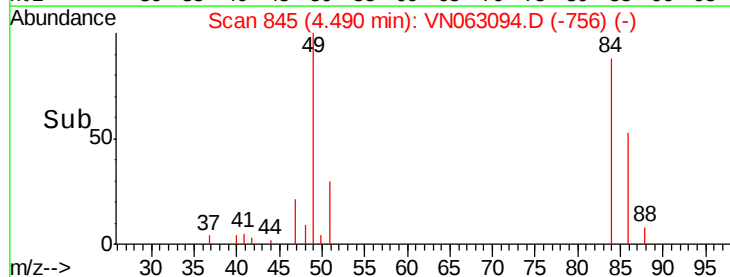
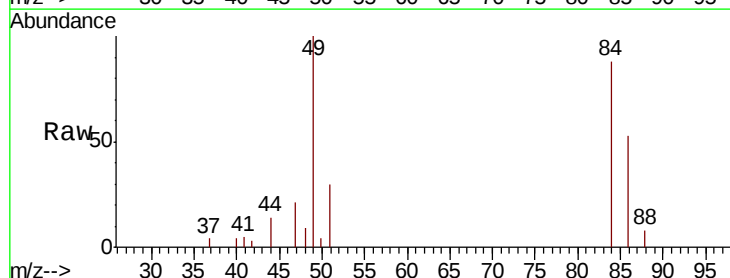
Instrument :
MSVOA_N
ClientSampled :
PB131167TB

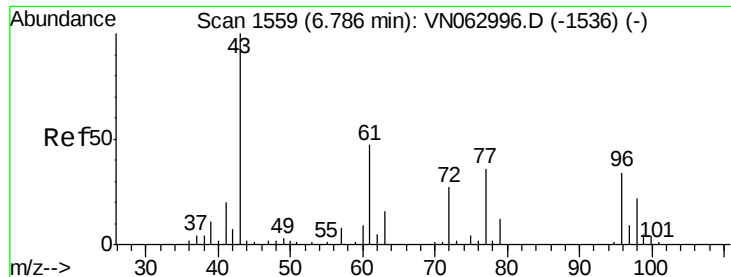
Tot Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
74 13.4 18.6 28.0#



#20
Methylene Chloride
Concen: 8.380 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.01 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Tgt Ion: 84 Resp: 13501
Ion Ratio Lower Upper
84 100
49 114.2 98.7 148.1
51 34.4 30.8 46.2
86 60.4 51.2 76.8





#25

2-Butanone

Concen: 1.040 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

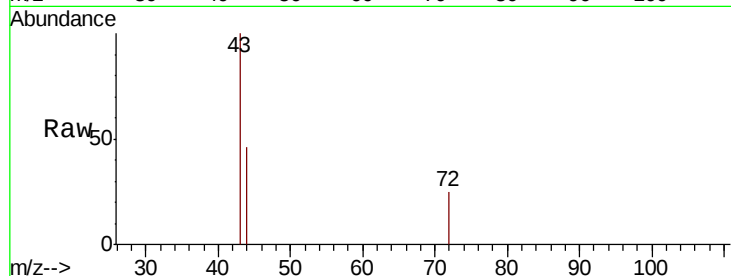
PB131167TB

Tot Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

72 24.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1536) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1536) (-)

6.79

600

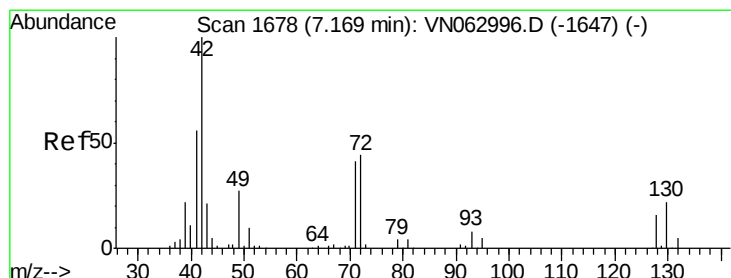
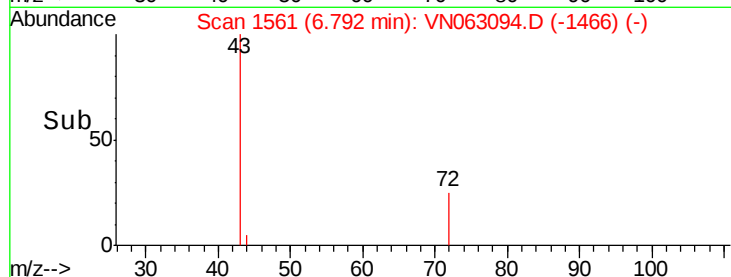
400

200

0

6.76 6.78 6.80

Time-->



#29

Tetrahydrofuran

Concen: 0.727 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

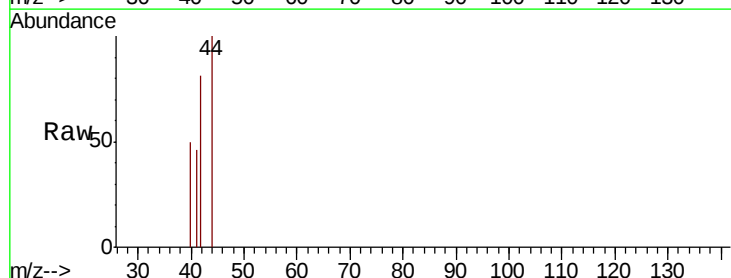
Tgt Ion: 42 Resp: 402

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 32.3 48.5#



Abundance Ion 42.00 (41.70 to 42.70): VN062996.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062996.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062996.D (-1647) (-)

7.18

300

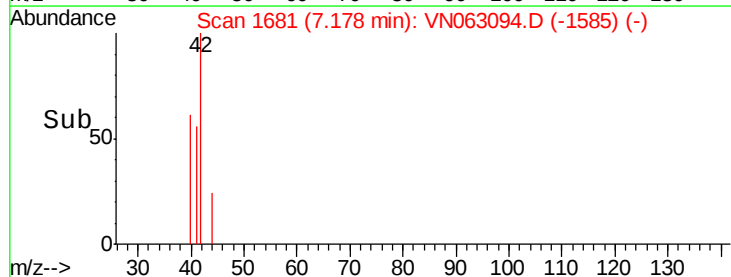
200

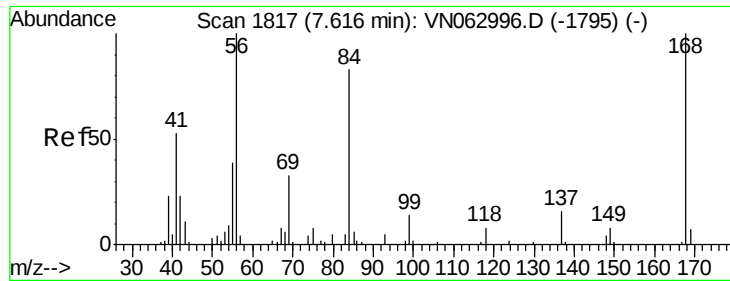
100

0

7.16 7.18 7.20

Time-->

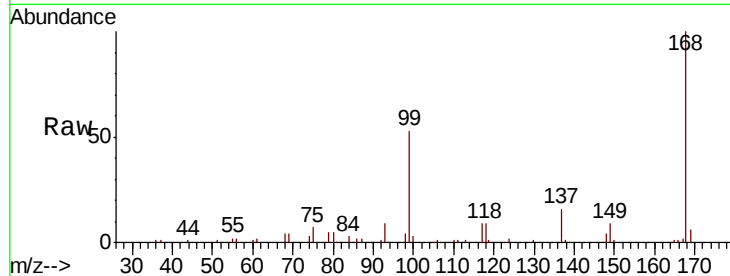




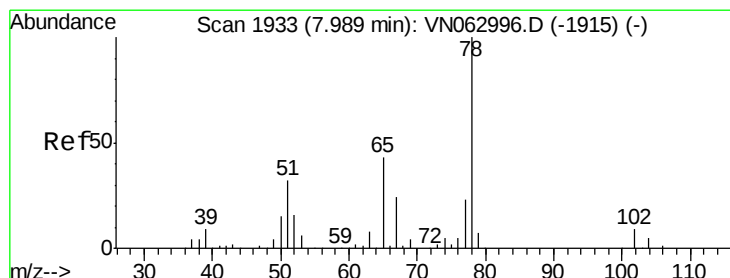
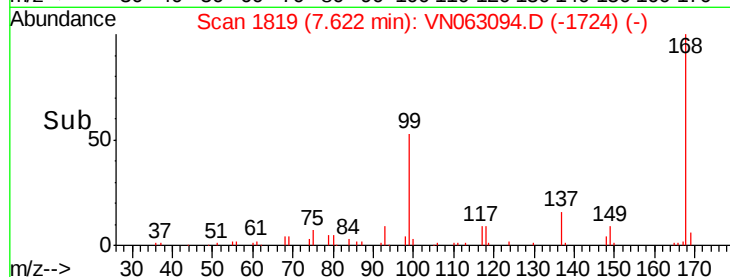
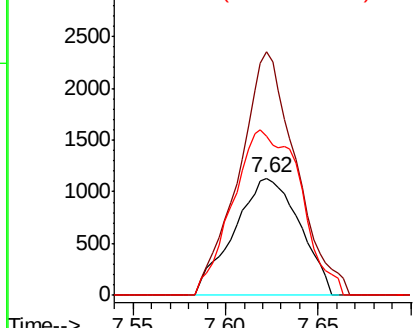
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Instrument :
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PB131167TB

Tot Ion: 56 Resp: 2799
Ion Ratio Lower Upper
56 100
69 207.6 26.6 40.0#
84 135.1 66.4 99.6#

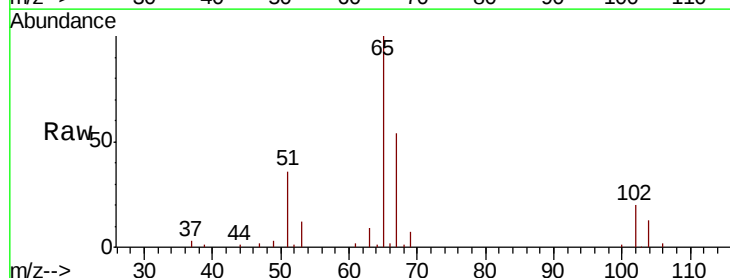


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

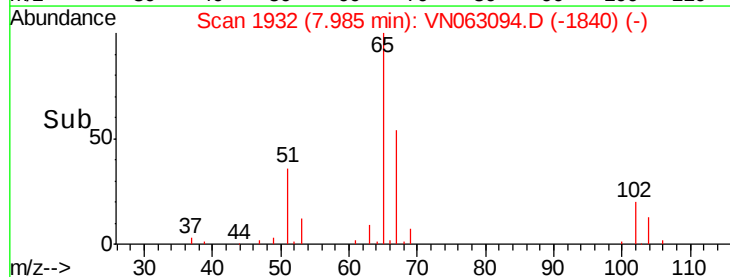
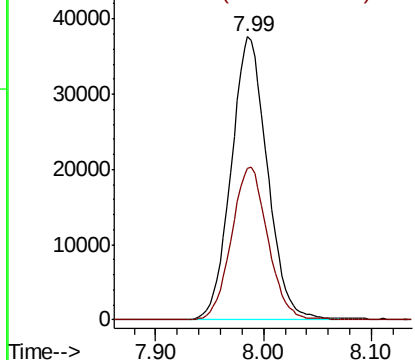


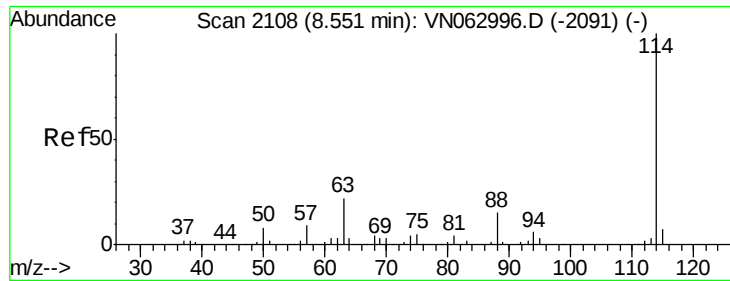
#33
1,2-Dichloroethane-d4
Concen: 54.421 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Tgt Ion: 65 Resp: 87800
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

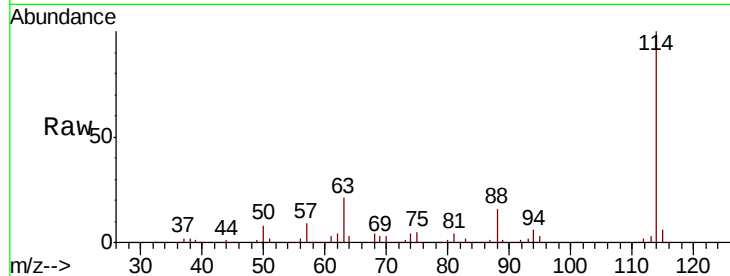




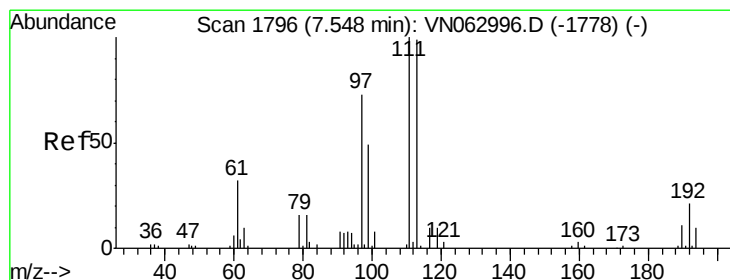
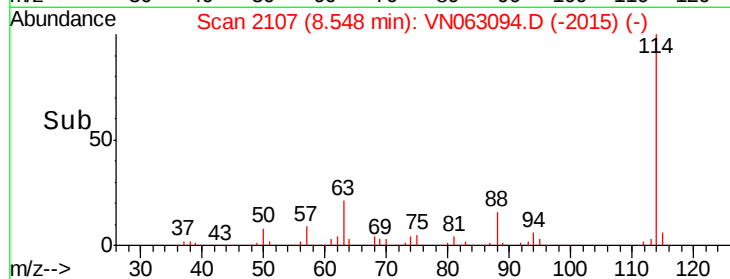
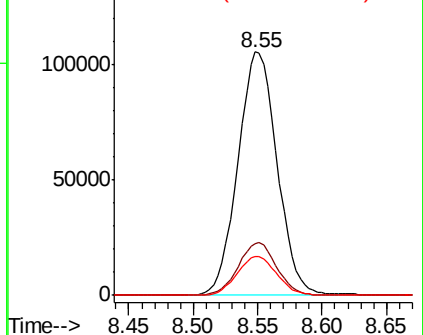
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Instrument :
MSVOA_N
ClientSampled :
PB131167TB

Tot Ion:114 Resp: 223071
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 16.2 0.0 30.6

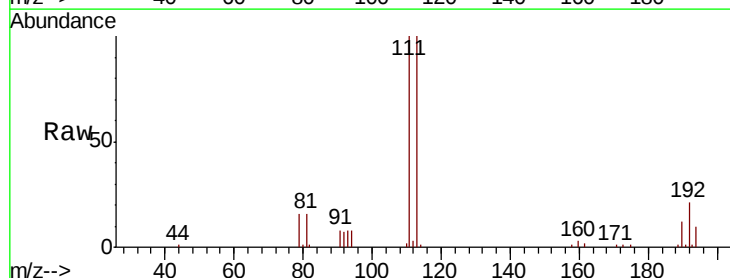


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

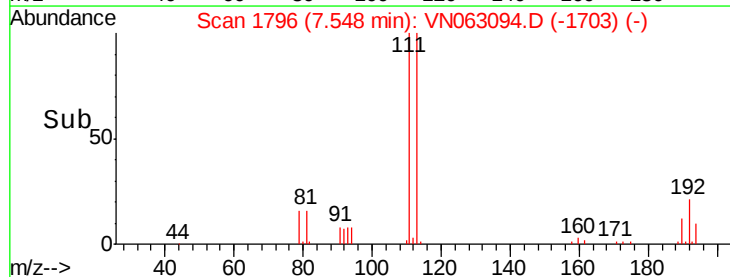
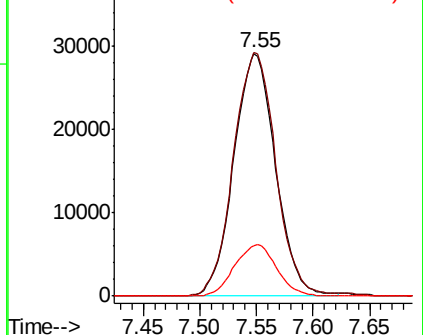


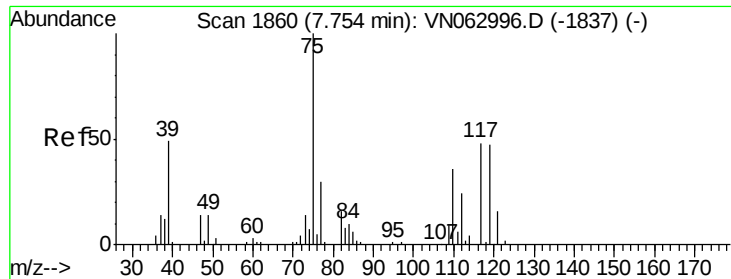
#35
Dibromofluoromethane
Concen: 51.450 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Tgt Ion:113 Resp: 74784
Ion Ratio Lower Upper
113 100
111 101.7 81.7 122.5
192 21.3 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

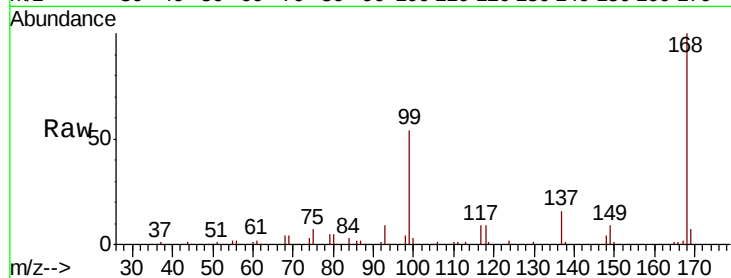




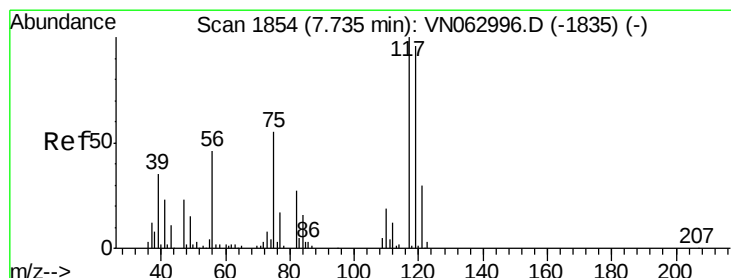
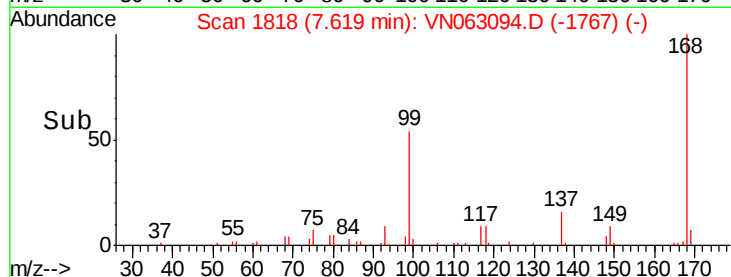
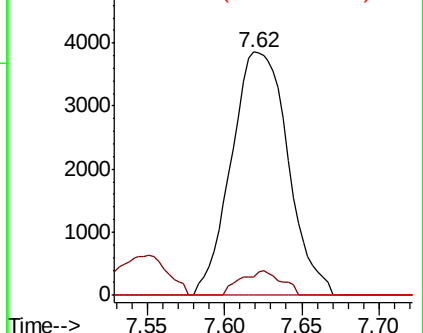
#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.62 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131167TB

Tot Ion: 75 Resp: 9805
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.5 52.6#
 77 0.0 24.2 36.4#

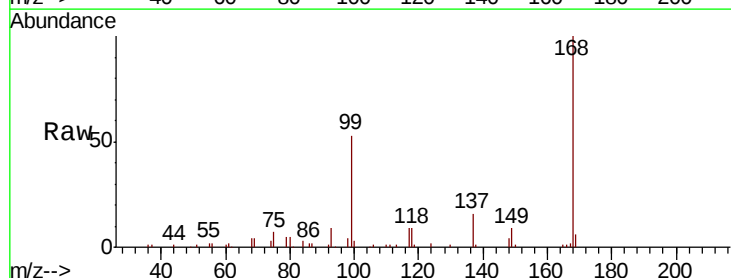


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

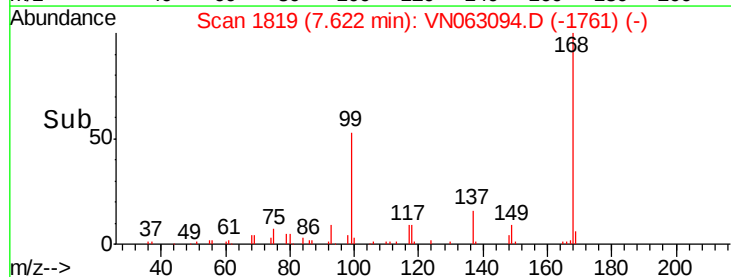
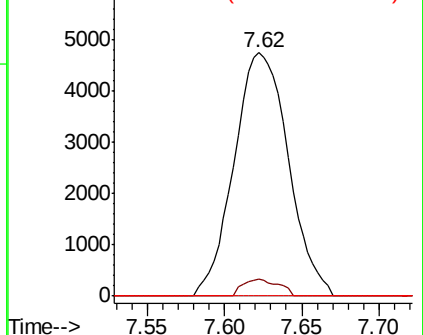


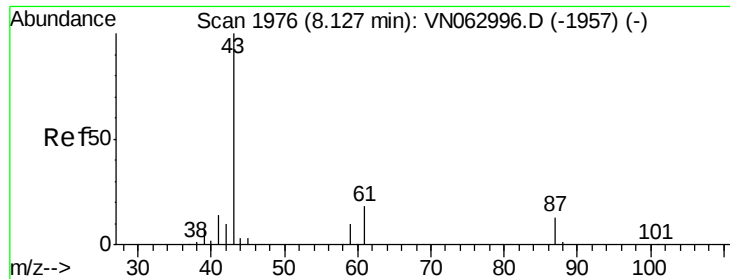
#38
 Carbon Tetrachloride
 Concen: 5.832 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Tgt Ion: 117 Resp: 11575
 Ion Ratio Lower Upper
 117 100
 119 7.0 76.2 114.4#
 121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 13.025 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

PB131167TB

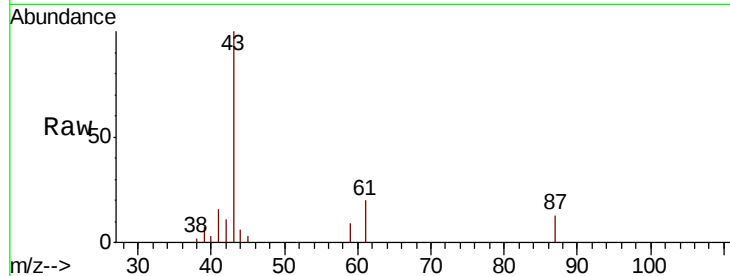
Tot Ion: 43 Resp: 39749

Ion Ratio Lower Upper

43 100

61 19.5 22.6 33.8#

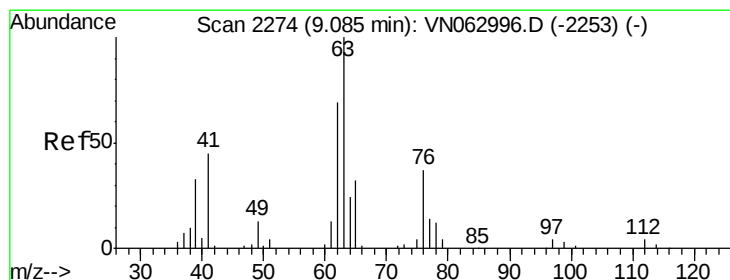
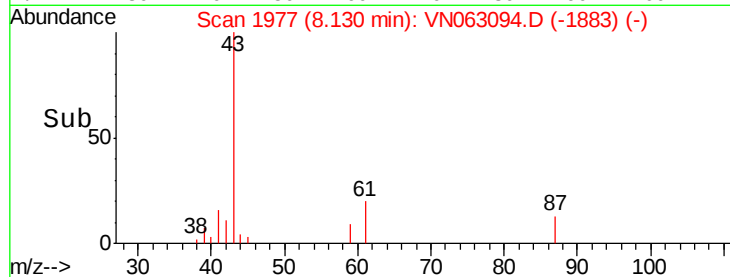
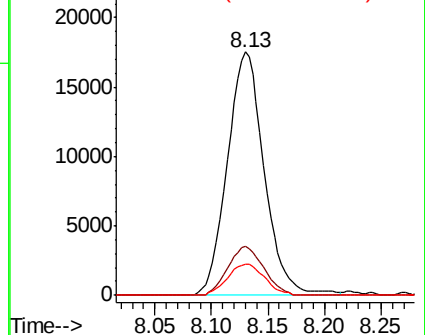
87 12.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#45

1,2-Dichloropropane

Concen: 0.477 ug/l

RT: 9.24 min Scan# 2321

Delta R.T. 0.15 min

Lab File: VN063094.D

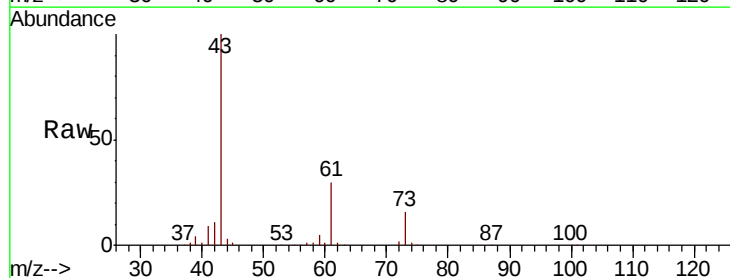
Acq: 24 Aug 2020 14:39

Tgt Ion: 63 Resp: 860

Ion Ratio Lower Upper

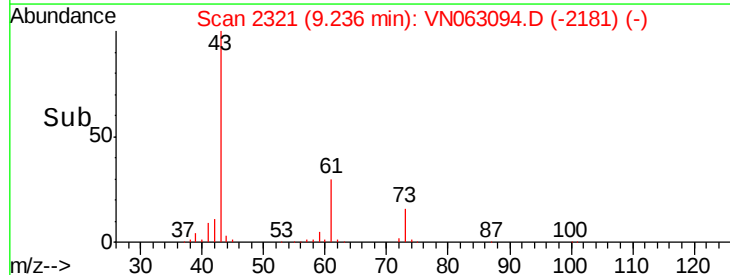
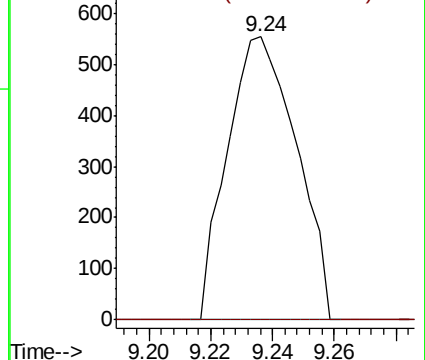
63 100

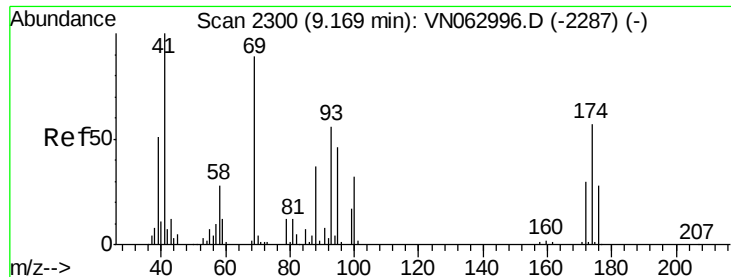
65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2253) (-)

Ion 64.90 (64.60 to 65.60): VN062996.D (-2253) (-)

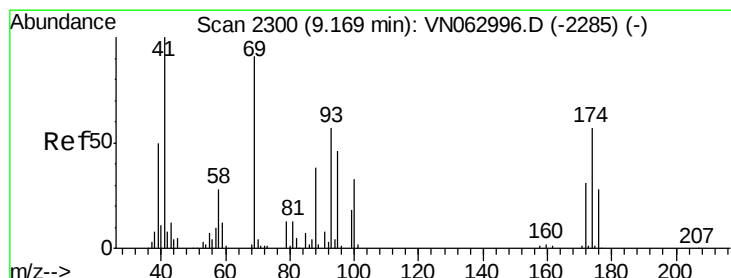
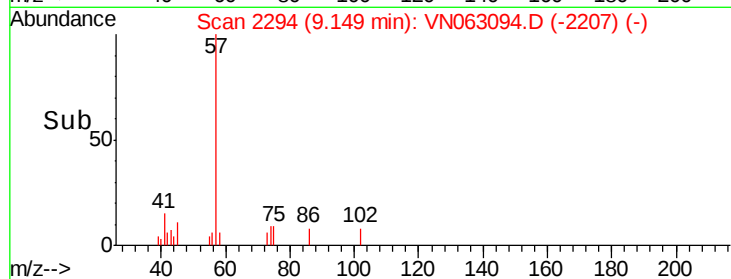
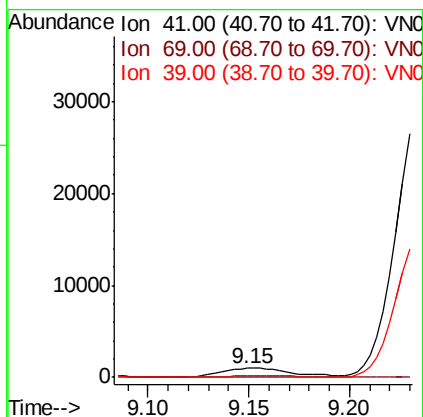
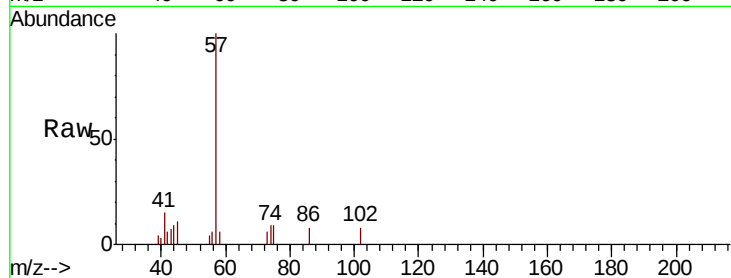




#48
Methvl methacrylate
Concen: 1.640 ug/l
RT: 9.15 min Scan# 2294
Delta R.T. -0.02 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

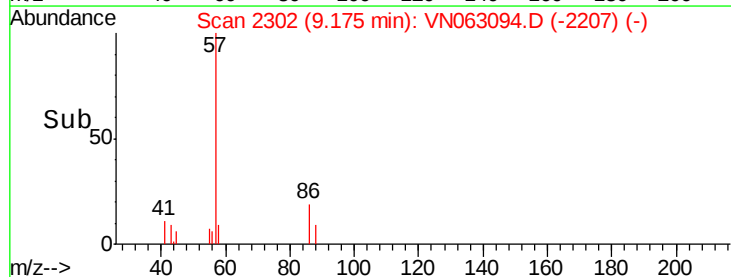
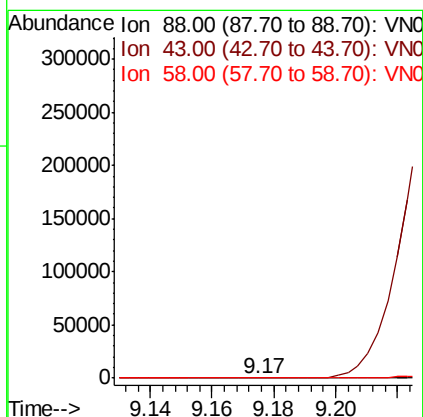
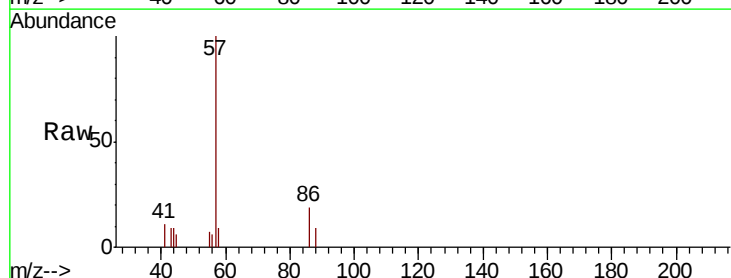
Instrument :
MSVOA_N
ClientSampled :
PB131167TB

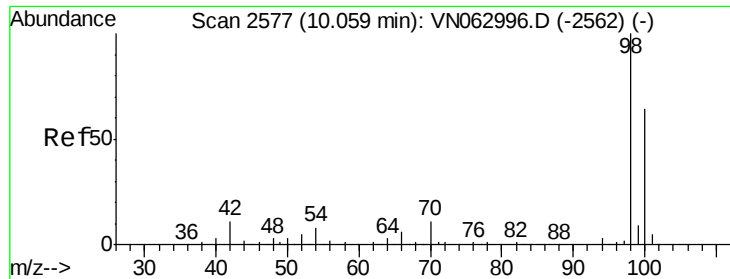
Tot Ion: 41 Resp: 2368
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.4#
39 0.0 42.5 63.7#



#49
1,4-Dioxane
Concen: 32.339 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. 0.01 min
Lab File: VN063094.D
Acq: 24 Aug 2020 14:39

Tgt Ion: 88 Resp: 550
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 202.4 56.7 85.1#





#50

Toluene-d8

Concen: 53.303 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

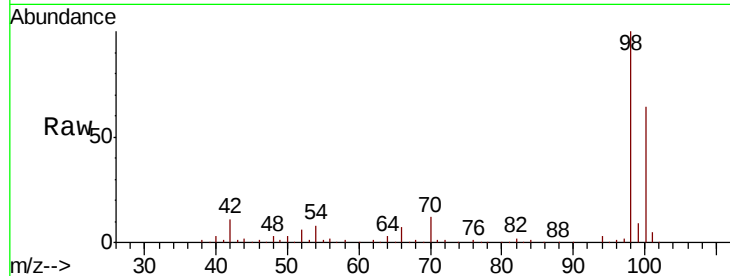
PB131167TB

Tot Ion: 98 Resp: 297592

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

150000

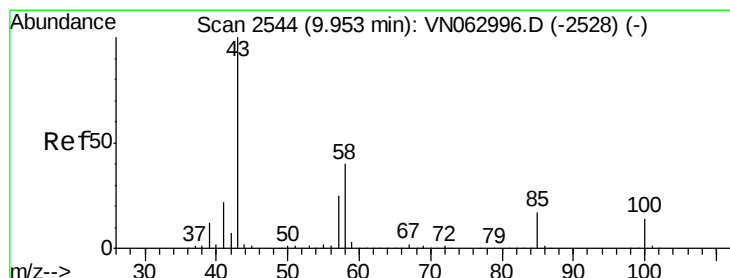
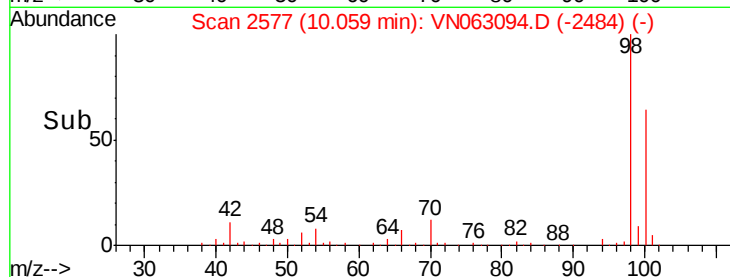
100000

50000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 2.639 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063094.D

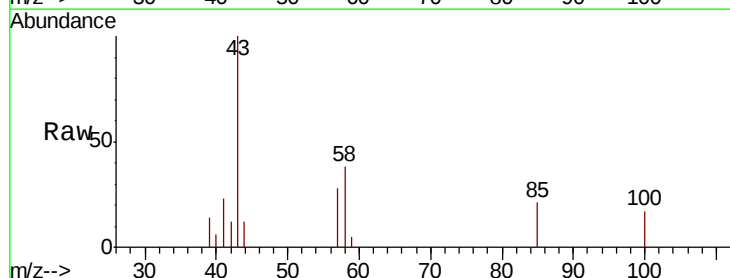
Acq: 24 Aug 2020 14:39

Tgt Ion: 43 Resp: 5090

Ion Ratio Lower Upper

43 100

58 43.9 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

8000

6000

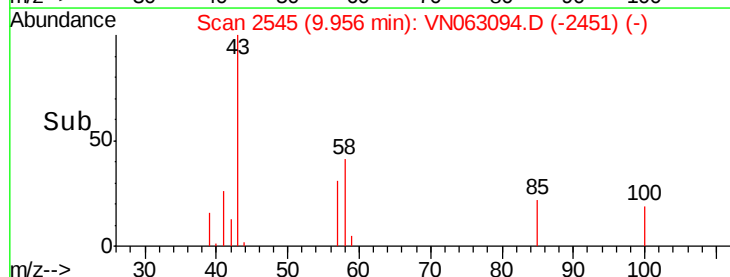
4000

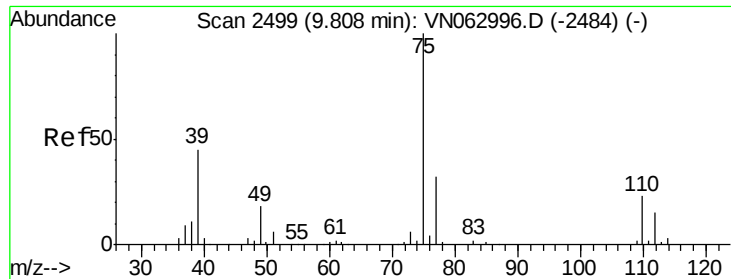
2000

0

Time-->

9.90 9.95 10.00



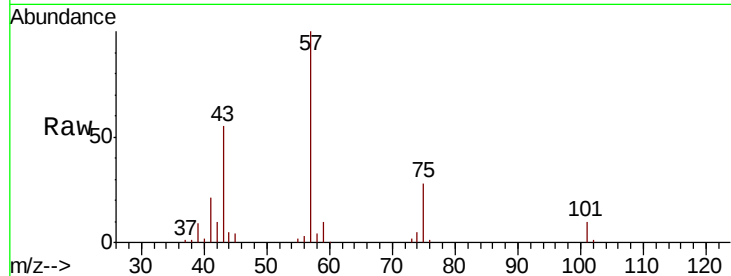


#54

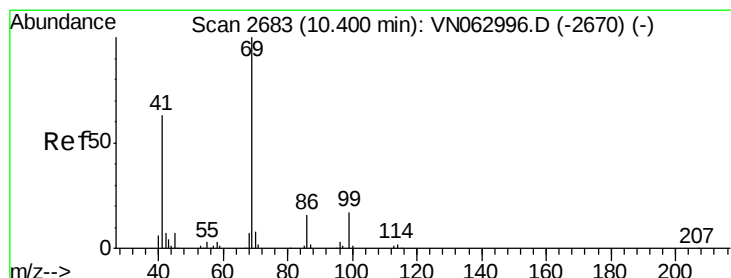
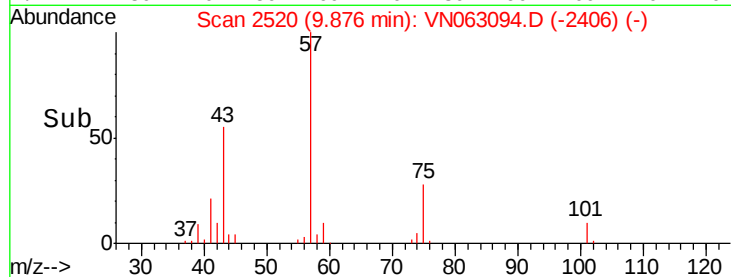
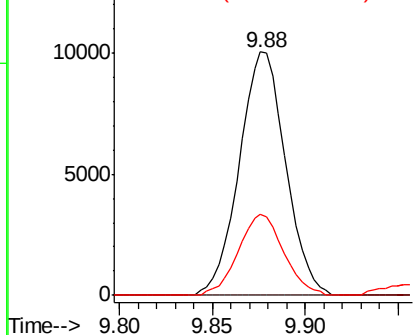
cis-1,3-Dichloropropene
 Concen: 6.715 ug/l
 RT: 9.88 min Scan# 2520
 Delta R.T. 0.07 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Instrument :
 MSVOA_N
 ClientSampled :
 PB131167TB

Tot Ion: 75 Resp: 17371
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#
 39 33.5 35.7 53.5#



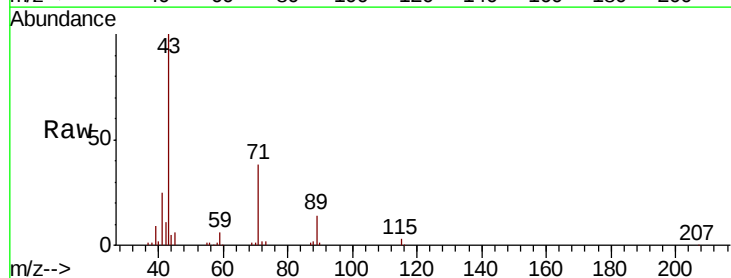
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



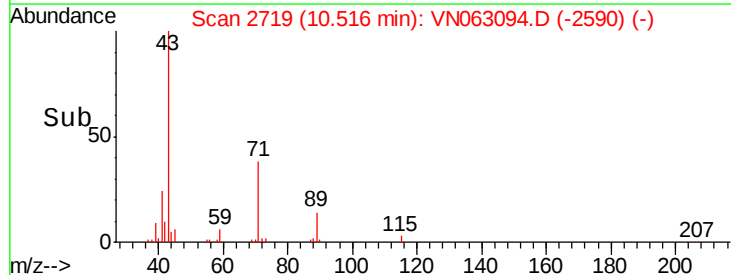
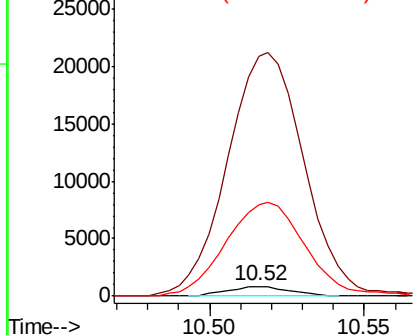
#56

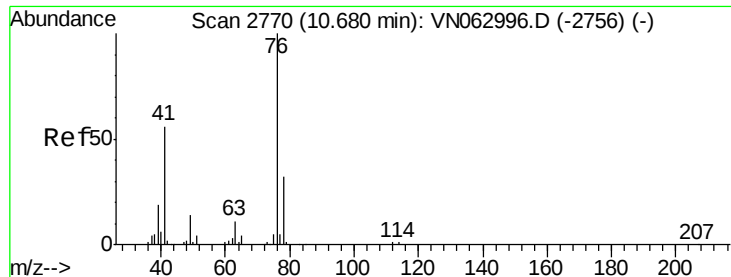
Ethyl methacrylate
 Concen: 2.200 ug/l
 RT: 10.52 min Scan# 2719
 Delta R.T. 0.12 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Tgt Ion: 69 Resp: 1181
 Ion Ratio Lower Upper
 69 100
 41 3099.5 50.2 75.2#
 39 1238.1 24.2 36.4#



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

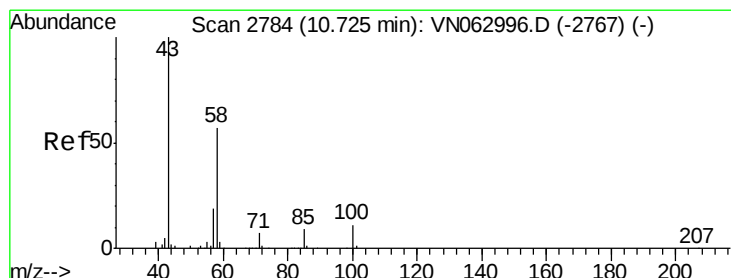
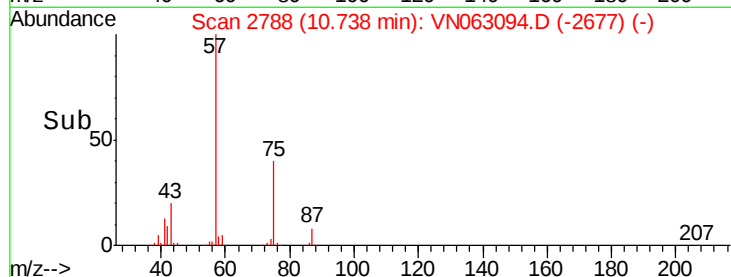
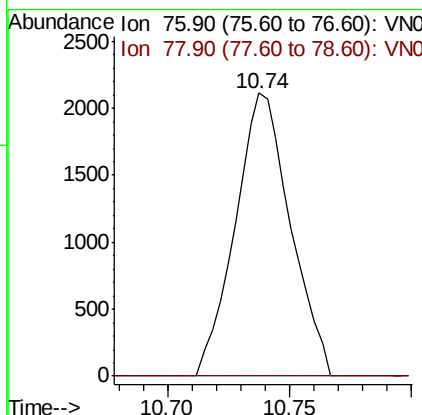
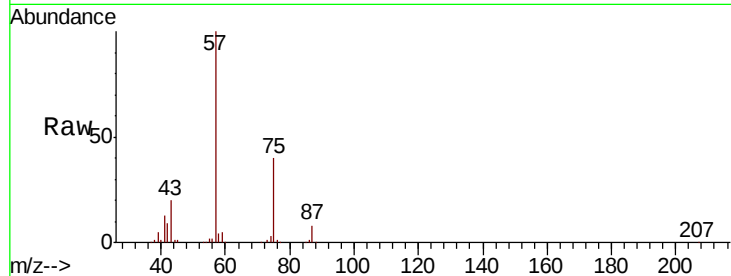




#57
 1,3-Dichloropropane
 Concen: 1.239 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.06 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

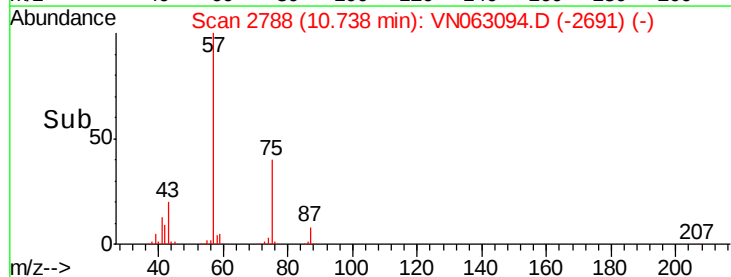
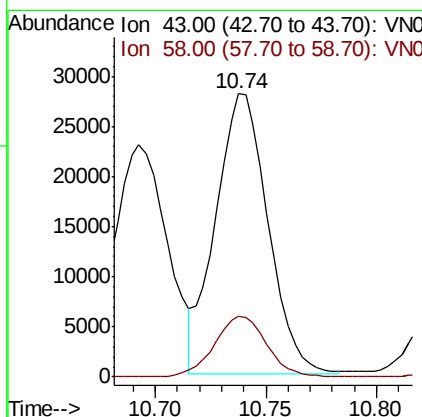
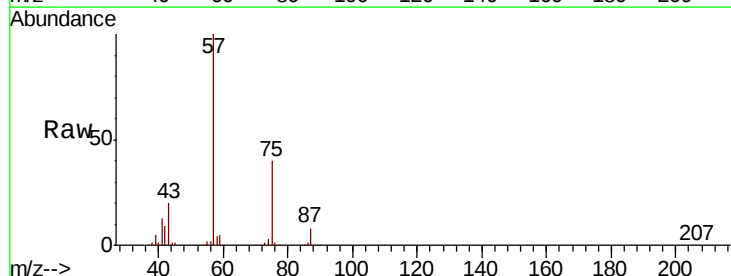
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131167TB

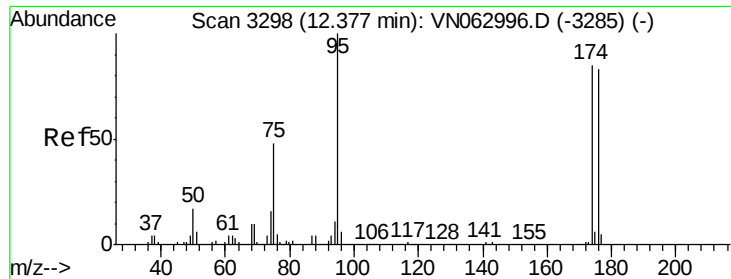
Tot Ion: 76 Resp: 3310
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#



#59
 2-Hexanone
 Concen: 34.096 ug/l
 RT: 10.74 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Tgt Ion: 43 Resp: 45874
 Ion Ratio Lower Upper
 43 100
 58 21.6 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: 54.846 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

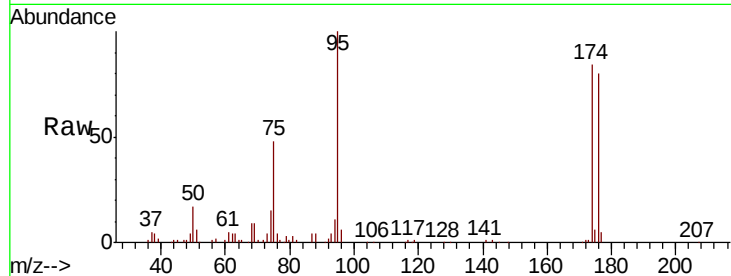
Tot Ion: 95 Resp: 108056

Ion Ratio Lower Upper

95 100

174 86.4 0.0 170.8

176 81.8 0.0 164.8

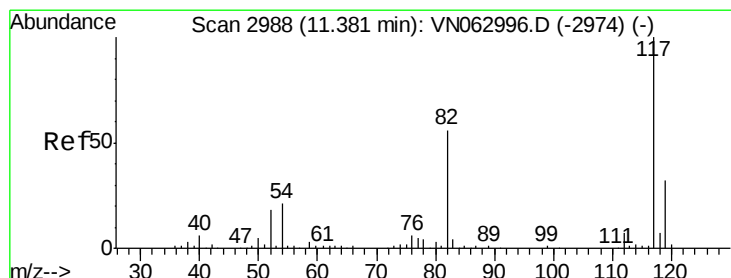
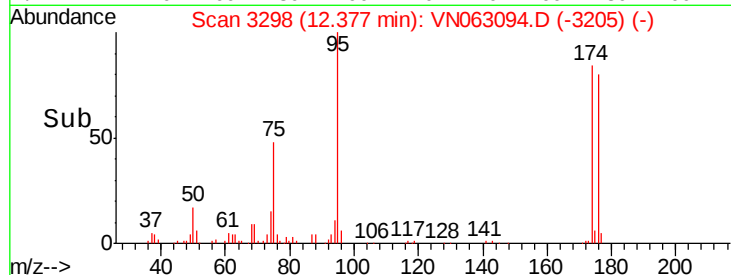


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

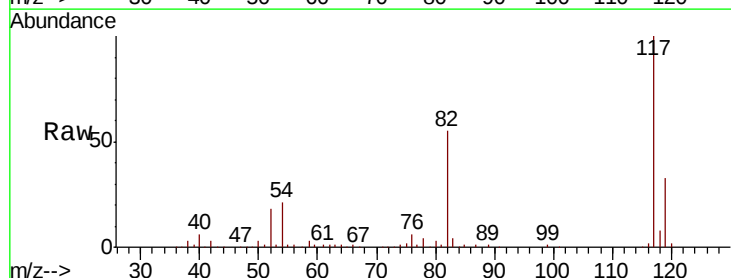
Tgt Ion: 117 Resp: 244290

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

119 32.5 25.5 38.3

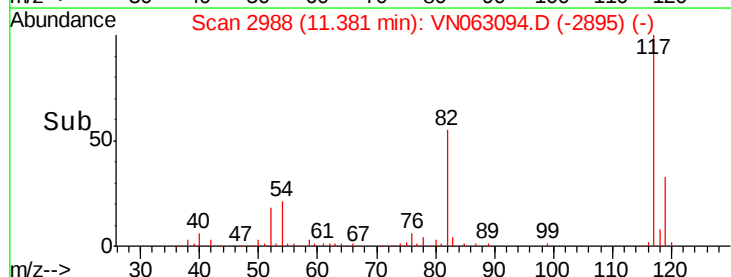


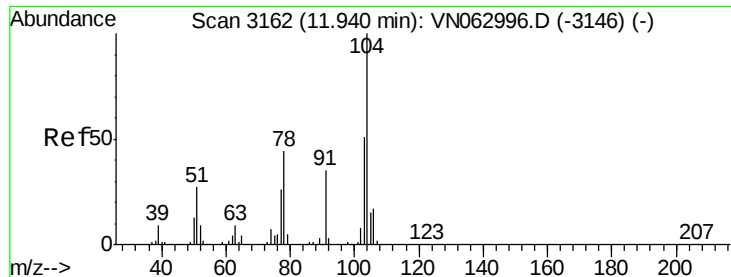
Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)

Time-->





#70

Stvrene

Concen: 1.985 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. 0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

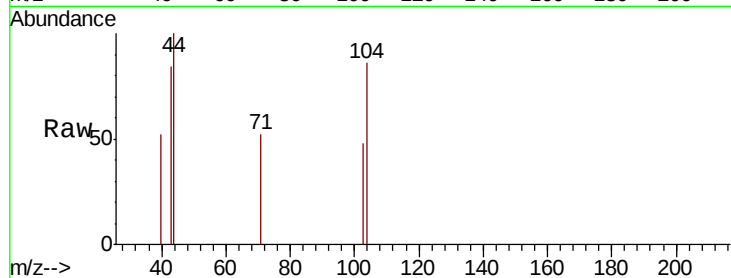
Tot Ion:104 Resp: 377

Ion Ratio Lower Upper

104 100

78 0.0 39.0 58.6#

103 33.4 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V

11.94

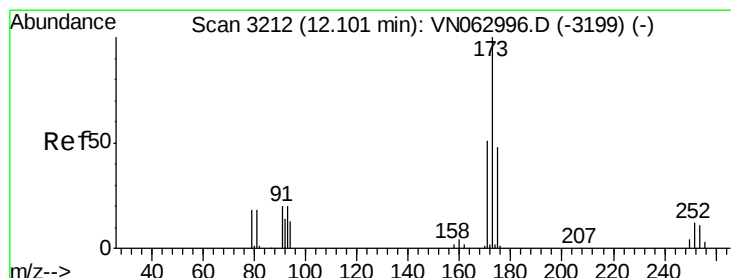
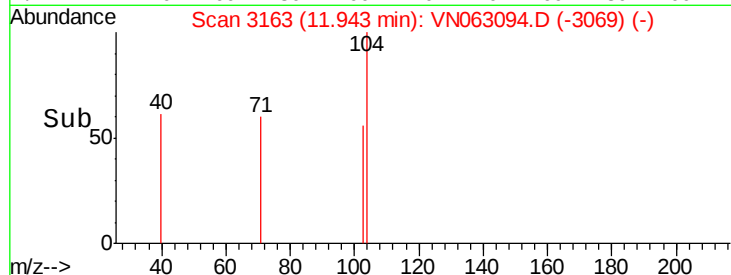
300

200

100

0

Time-->



#71

Bromoform

Concen: 0.587 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

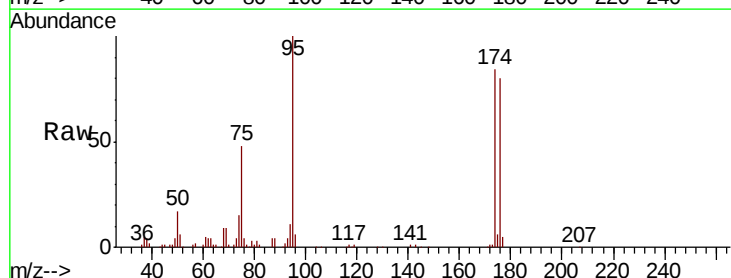
Tgt Ion:173 Resp: 892

Ion Ratio Lower Upper

173 100

175 609.2 24.3 72.8#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

5000

4000

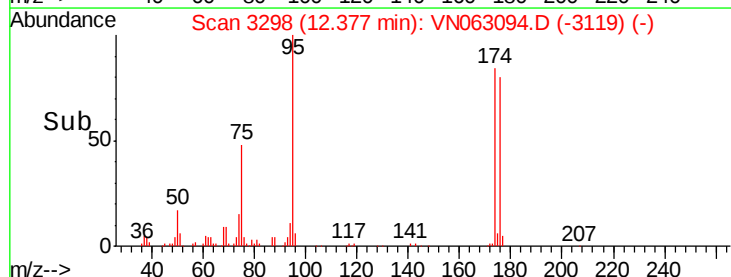
3000

2000

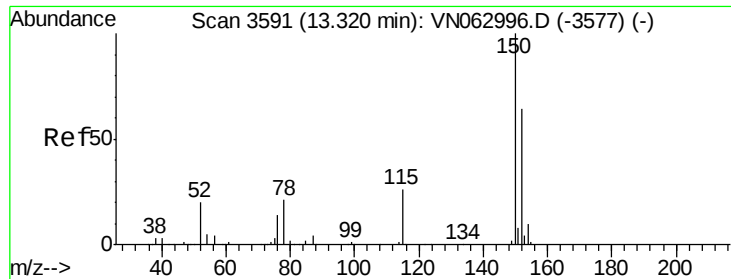
1000

0

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

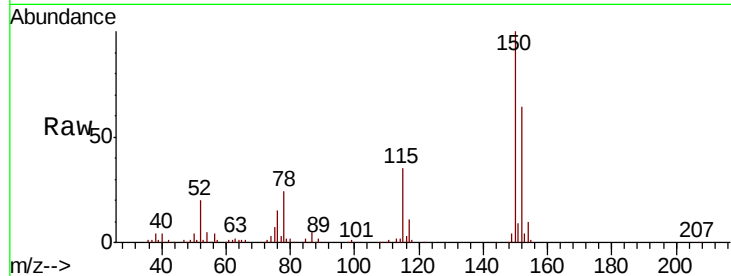
Tot Ion:152 Resp: 98134

Ion Ratio Lower Upper

152 100

115 55.9 28.7 86.3

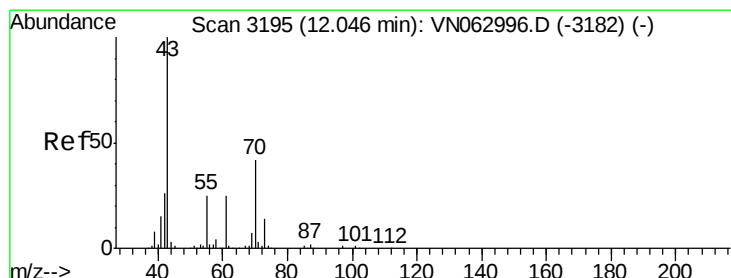
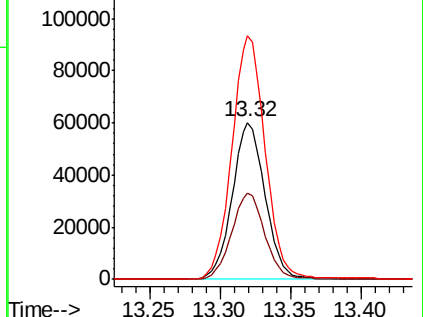
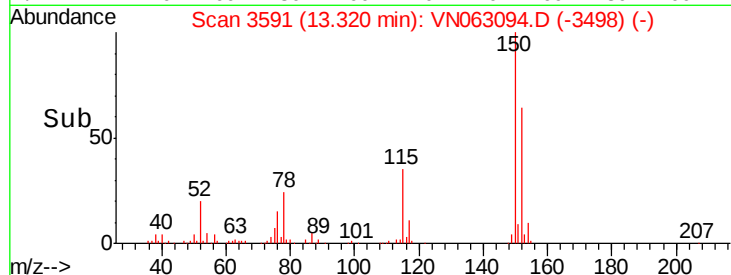
150 158.2 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.962 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.02 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Tgt Ion: 43 Resp: 2316

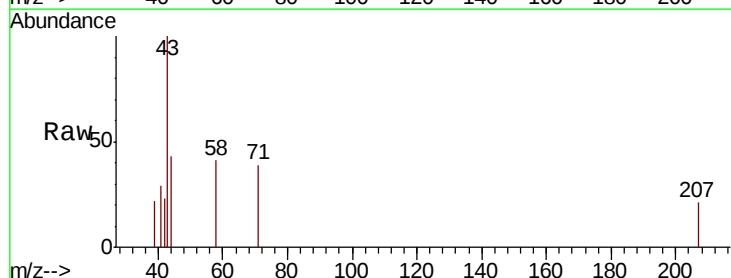
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 0.0 20.2 30.2#

61 0.0 19.9 29.9#

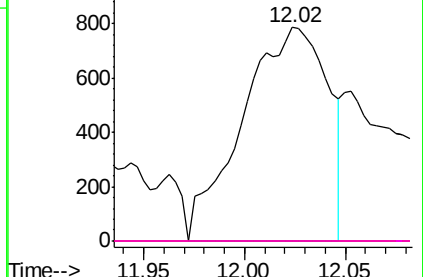
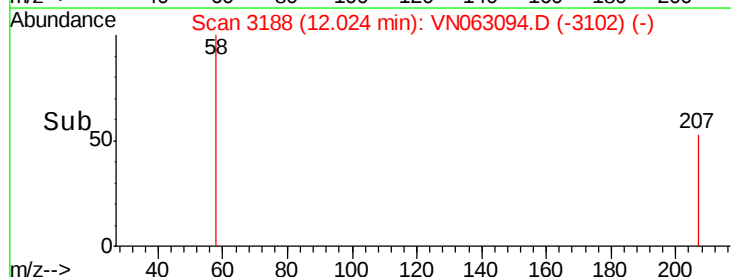


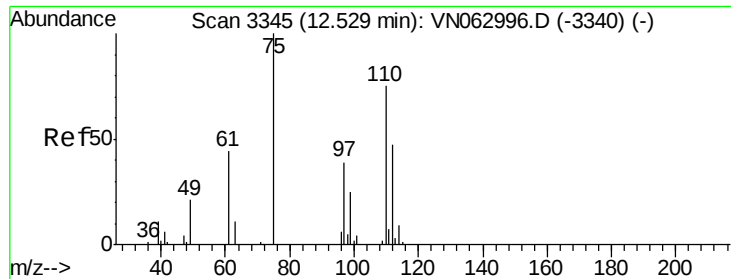
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

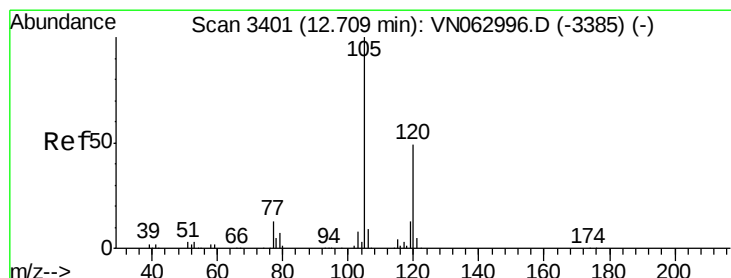
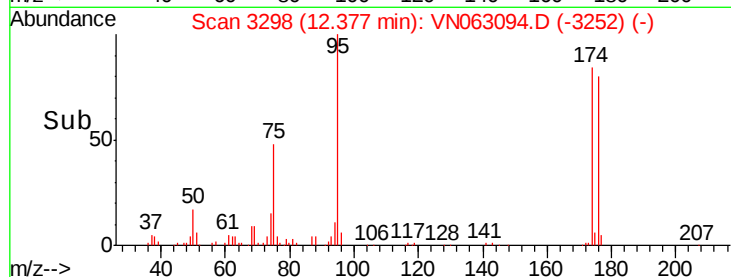
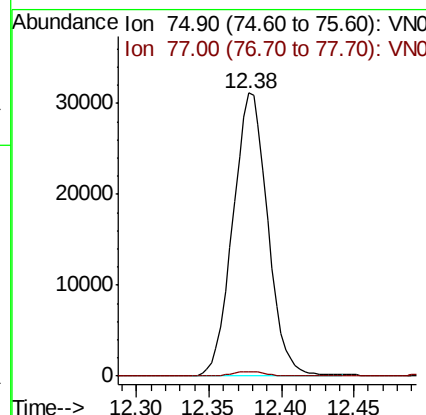
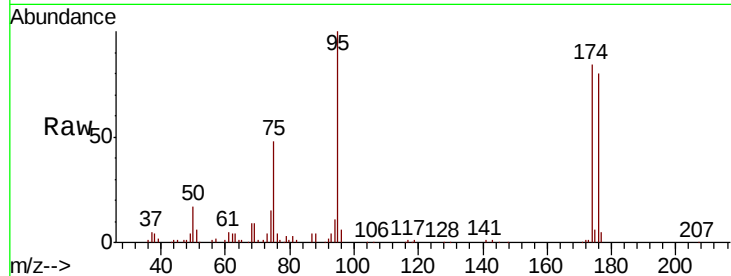




#76
 1,2,3-Trichloropropane
 Concen: 27.183 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

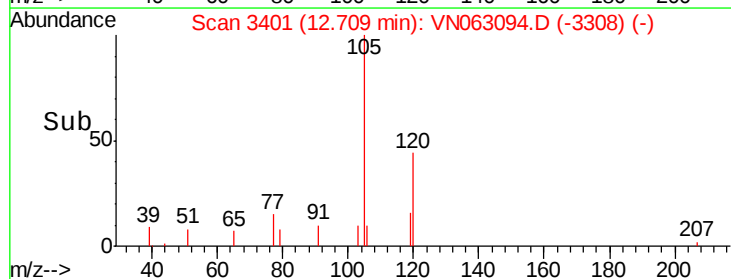
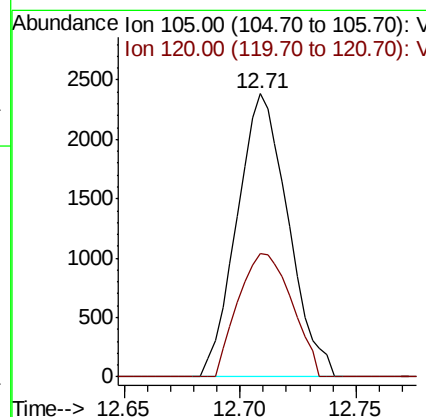
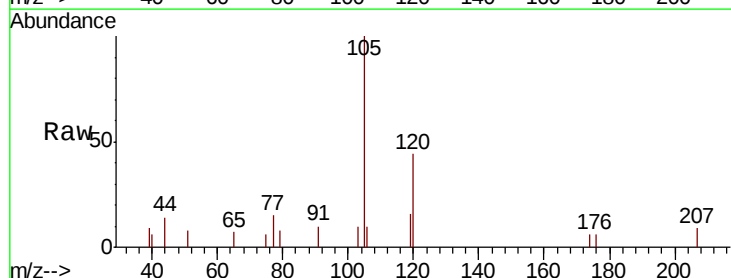
Instrument :
 MSVOA_N
 ClientSampled :
 PB131167TB

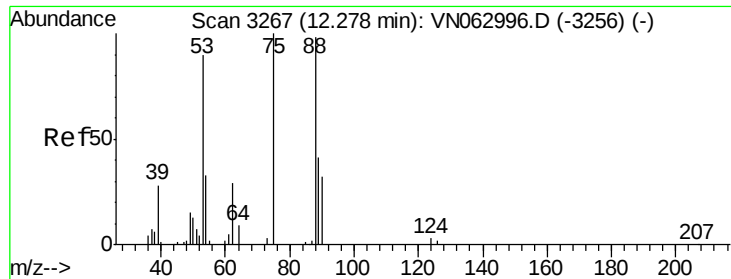
Tot Ion: 75 Resp: 51852
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.656 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Tgt Ion: 105 Resp: 3646
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 74.657 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

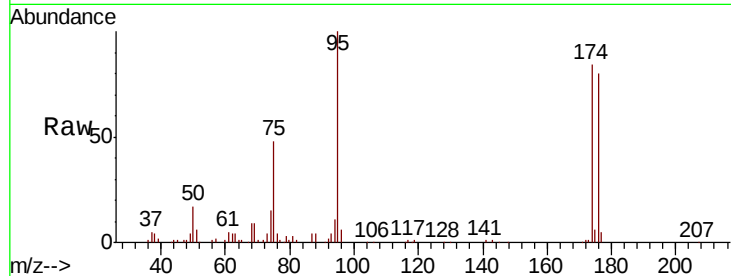
Tot Ion: 75 Resp: 51852

Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

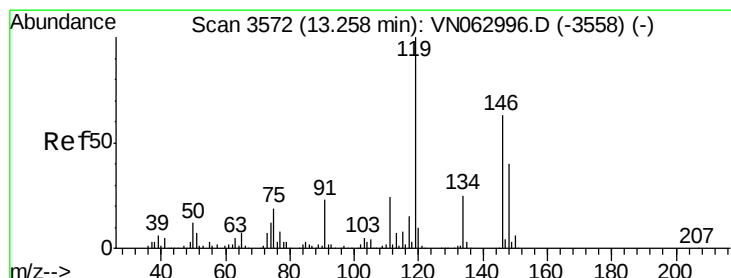
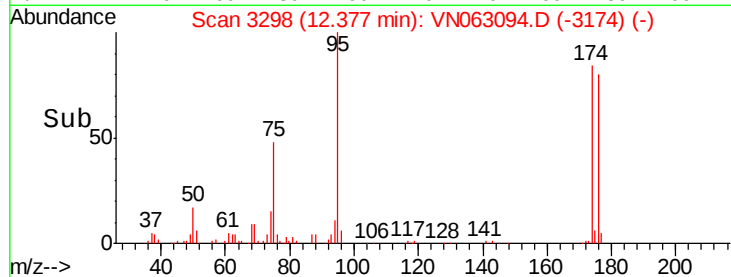
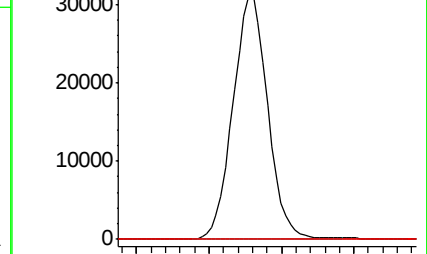
89 0.0 34.2 51.4#



Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062996.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062996.D (-3256) (-)



#87

1,3-Dichlorobenzene

Concen: 0.230 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

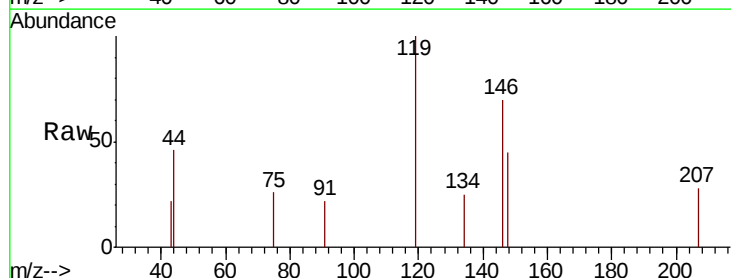
Tgt Ion: 146 Resp: 730

Ion Ratio Lower Upper

146 100

111 13.4 19.4 58.1#

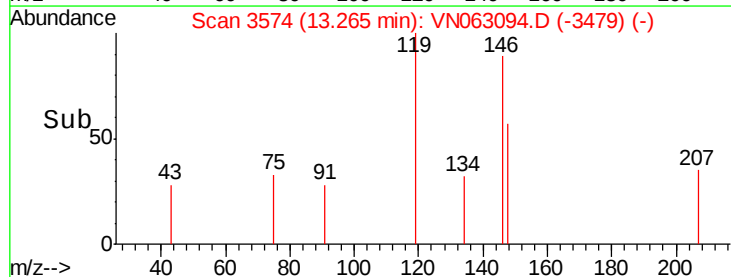
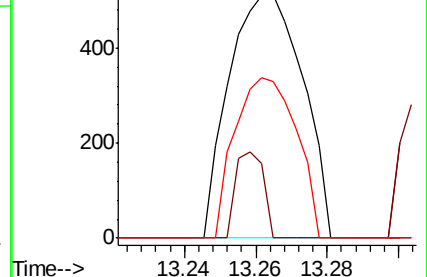
148 55.1 32.0 96.0

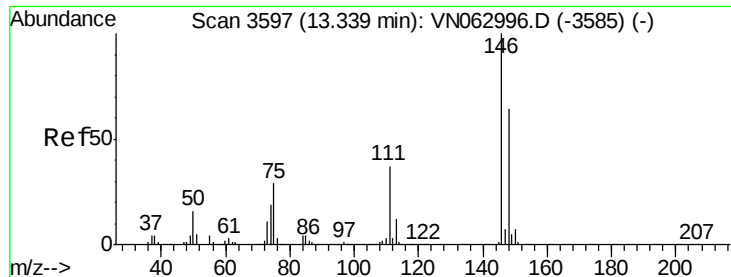


Abundance Ion 145.90 (145.60 to 146.60): VN062996.D (-3558) (-)

Ion 110.90 (110.60 to 111.60): VN062996.D (-3558) (-)

Ion 147.90 (147.60 to 148.60): VN062996.D (-3558) (-)





#88

1,4-Dichlorobenzene

Concen: 0.297 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

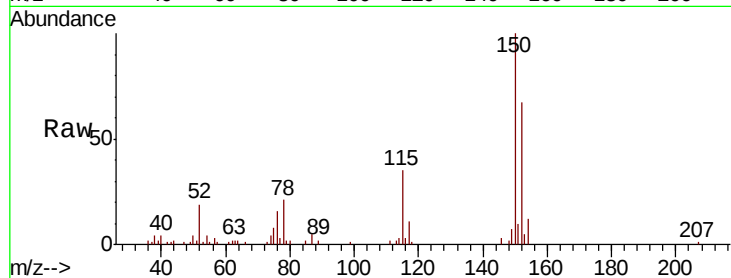
Tot Ion:146 Resp: 958

Ion Ratio Lower Upper

146 100

111 148.4 18.8 56.4#

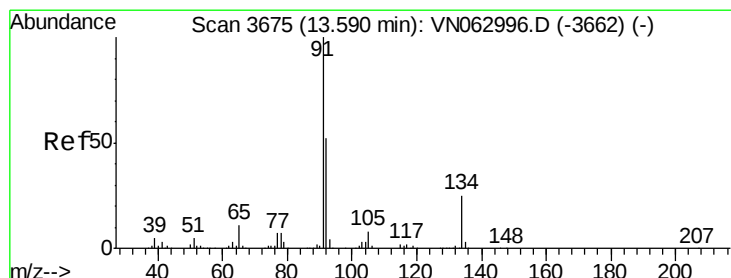
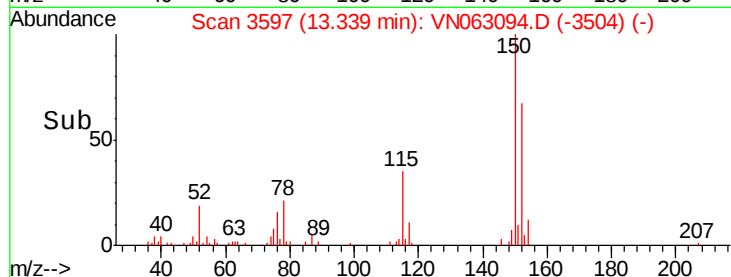
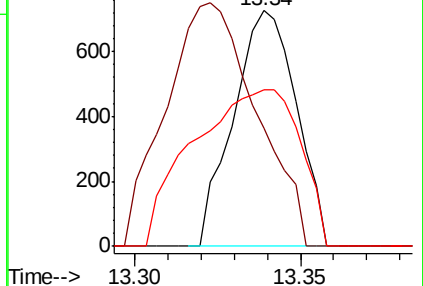
148 113.4 32.4 97.0#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 3.195 ug/l

RT: 13.59 min Scan# 3676

Delta R.T. 0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

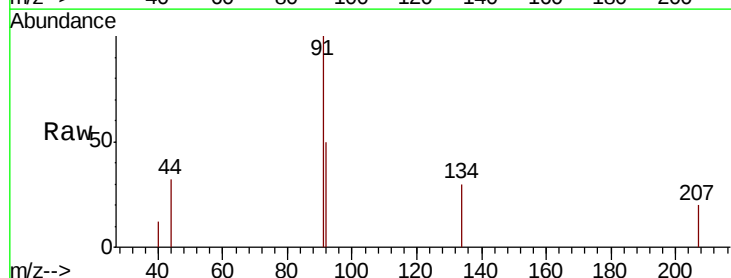
Tgt Ion: 91 Resp: 2404

Ion Ratio Lower Upper

91 100

92 44.7 25.9 77.6

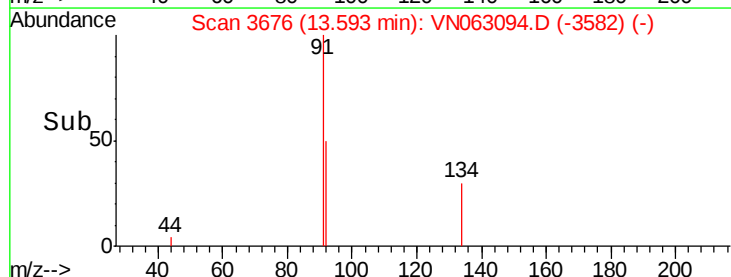
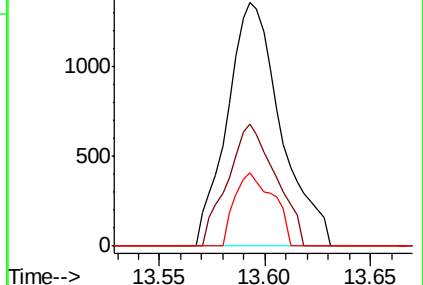
134 21.6 12.4 37.0

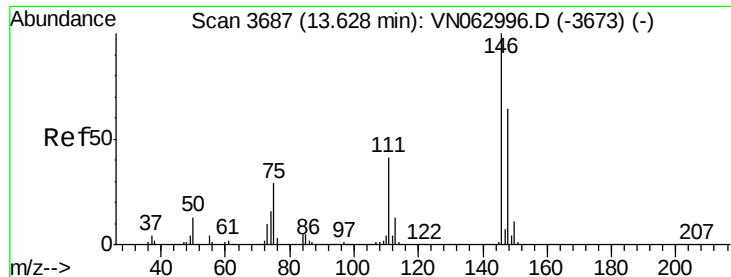


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

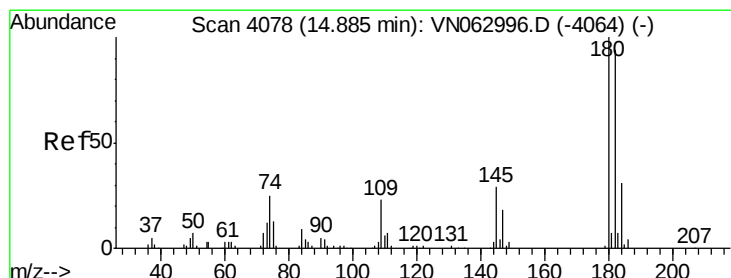
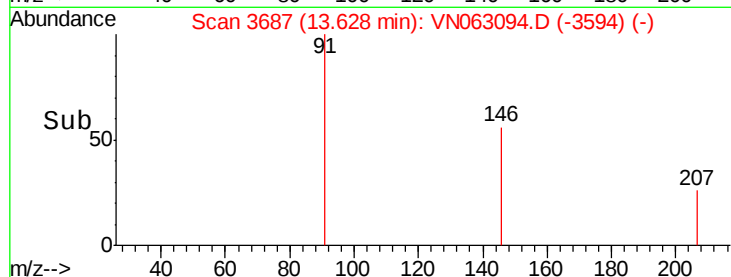
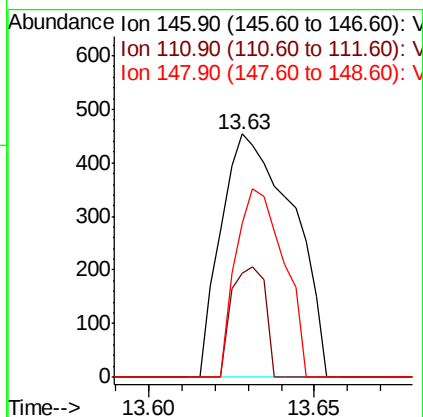
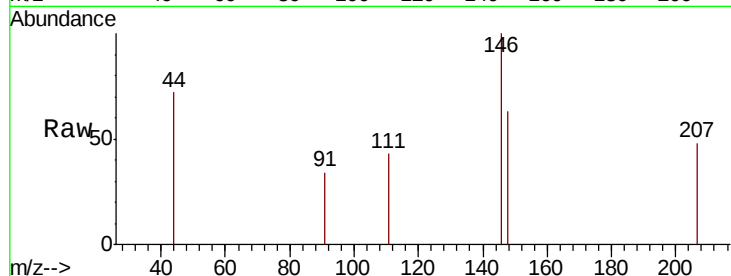




#91
 1,2-Dichlorobenzene
 Concen: 0.223 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

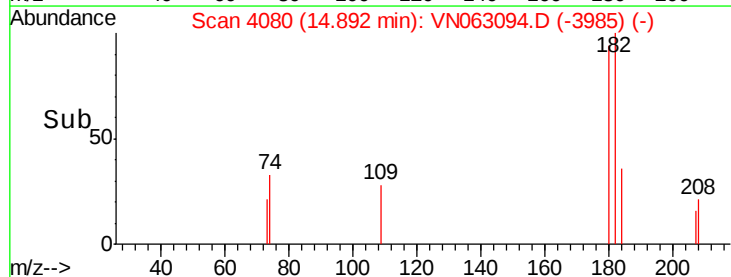
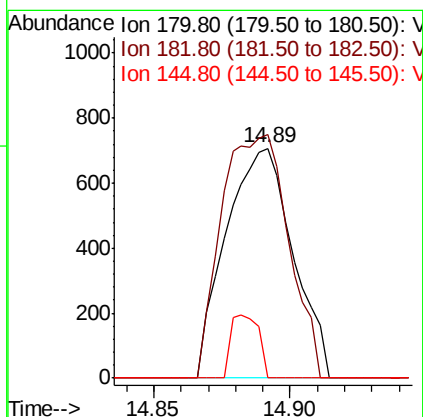
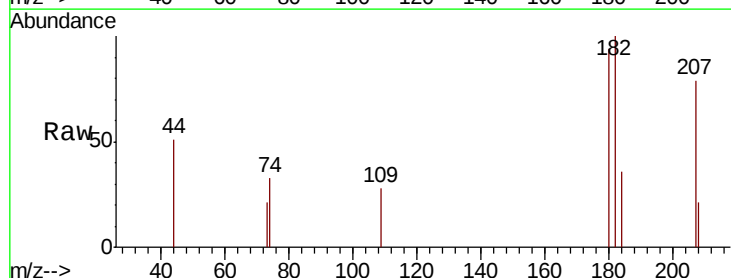
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131167TB

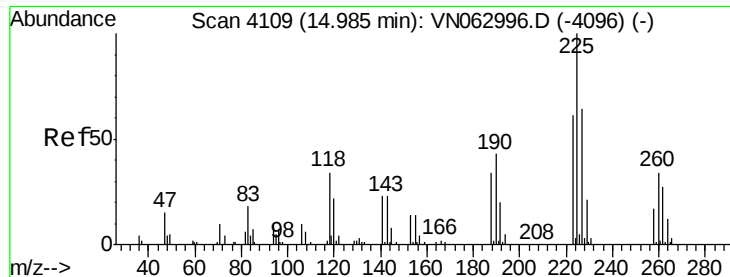
Tot Ion:146 Resp: 683
 Ion Ratio Lower Upper
 146 100
 111 21.2 20.2 60.5
 148 51.4 31.9 95.5



#93
 1,2,4-Trichlorobenzene
 Concen: 5.188 ug/l
 RT: 14.89 min Scan# 4080
 Delta R.T. 0.01 min
 Lab File: VN063094.D
 Acq: 24 Aug 2020 14:39

Tgt Ion:180 Resp: 1203
 Ion Ratio Lower Upper
 180 100
 182 106.2 47.0 141.2
 145 11.6 14.1 42.4#





#94

Hexachlorobutadiene

Concen: 0.437 ug/l

RT: 14.99 min Scan# 4111

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampled :

PB131167TB

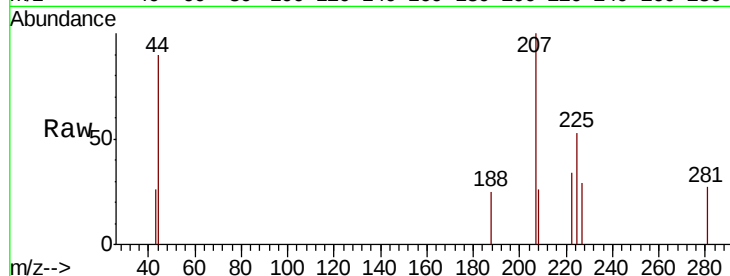
Tot Ion:225 Resp: 496

Ion Ratio Lower Upper

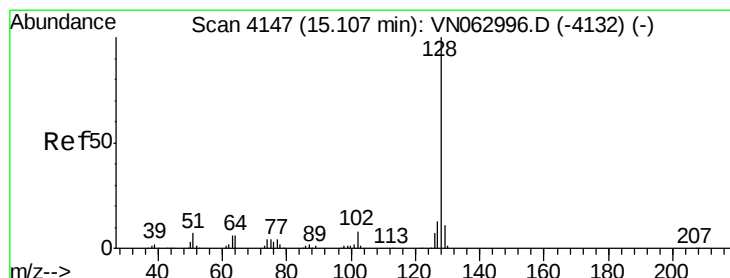
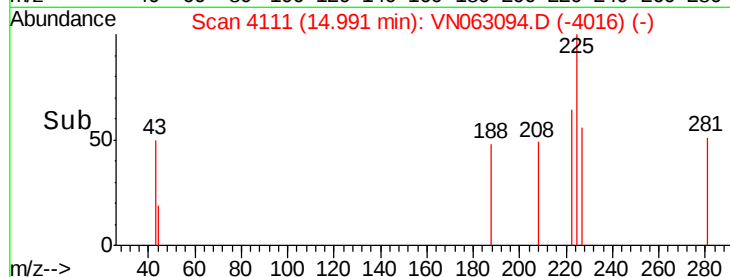
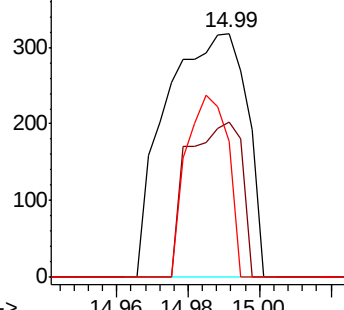
225 100

223 42.5 30.9 92.5

227 38.7 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 6.417 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

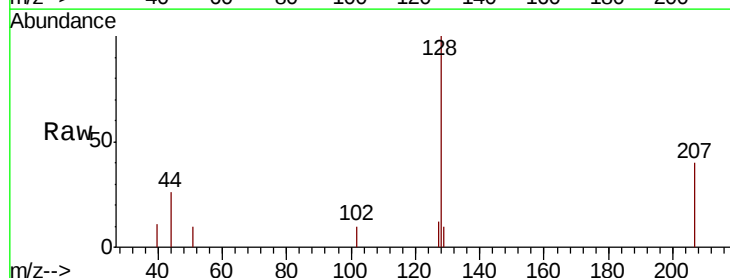
Tgt Ion:128 Resp: 3420

Ion Ratio Lower Upper

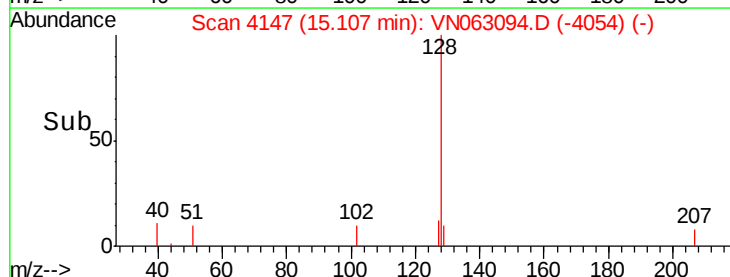
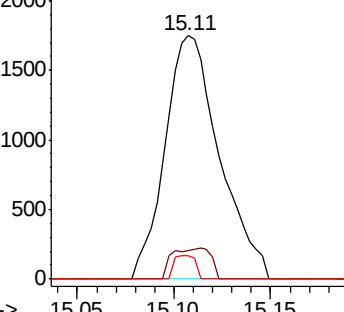
128 100

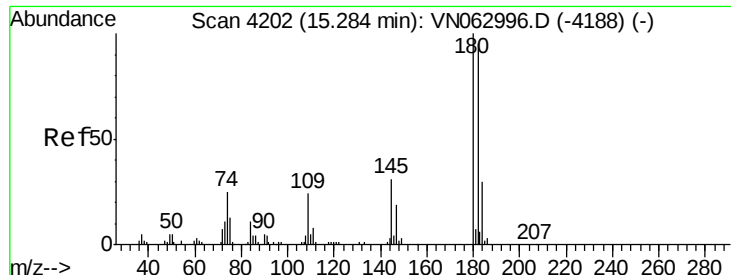
127 9.0 10.6 16.0#

129 3.6 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 4.729 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.01 min

Lab File: VN063094.D

Acq: 24 Aug 2020 14:39

Instrument :

MSVOA_N

ClientSampleId :

PB131167TB

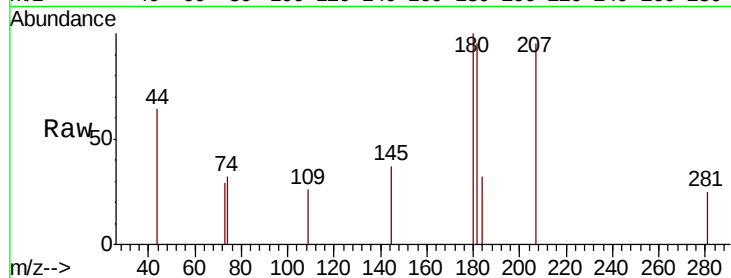
Tot Ion:180 Resp: 1382

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 27.3 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

