

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064349.D
 Acq On : 28 Oct 2020 13:58
 Operator : JC/MD
 Sample : PB132665ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132665ZHE#01

Quant Time: Oct 29 02:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	264622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	470675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194813	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.55	113	151387	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.06	98	577926	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.38	95	249091	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	

Target Compounds

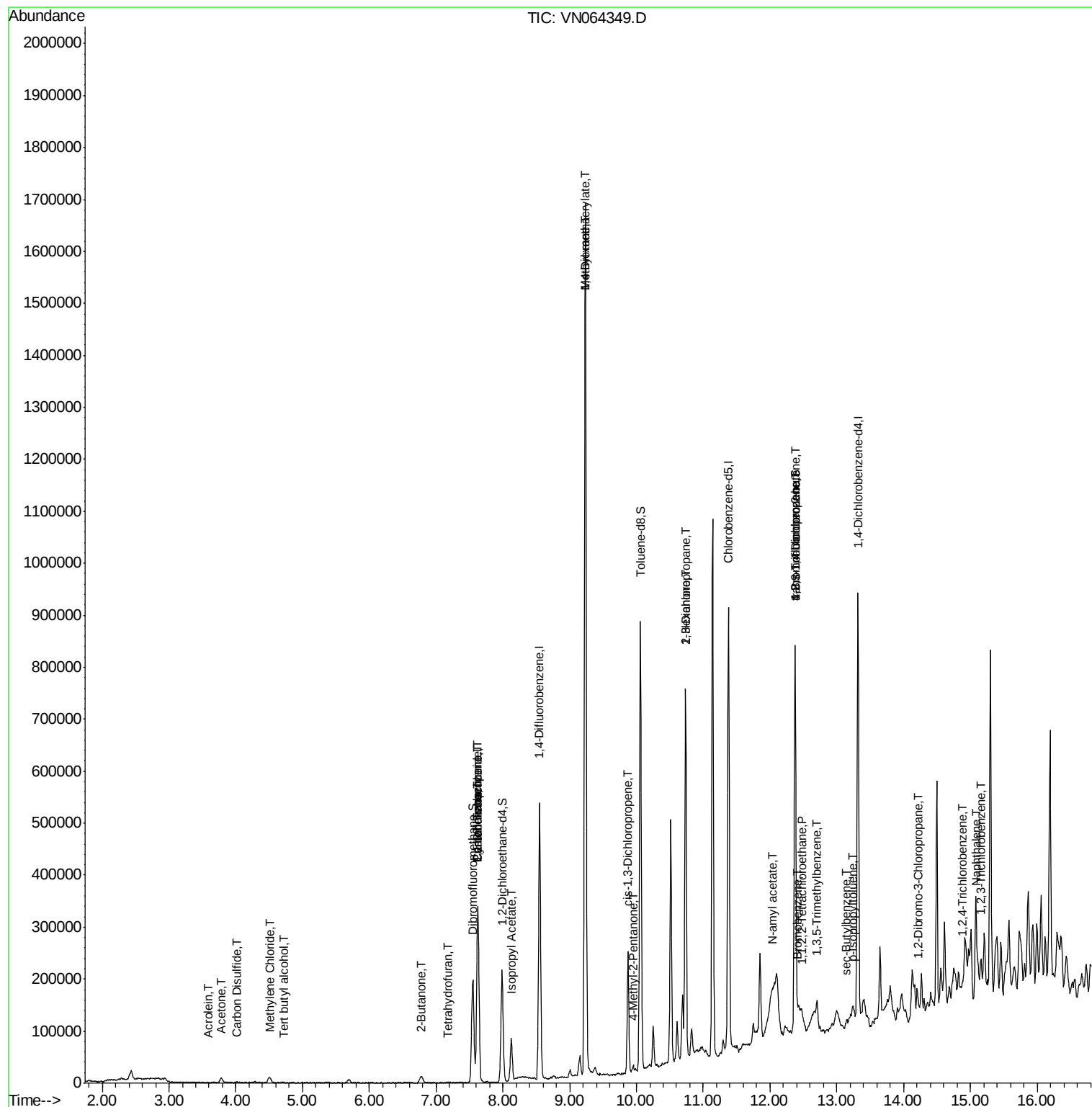
						Qvalue
11) Tert butyl alcohol	4.72	59	201	0.326	ug/l #	70
13) Acrolein	3.60	56	67	18.144	ug/l #	10
16) Acetone	3.77	43	17011	4.520	ug/l	94
17) Carbon Disulfide	4.01	76	1970	0.263	ug/l #	75
20) Methylene Chloride	4.50	84	7604	2.521	ug/l	94
25) 2-Butanone	6.79	43	2592	1.214	ug/l	98
29) Tetrahydrofuran	7.16	42	462	0.333	ug/l #	37
31) Cyclohexane	7.62	56	6069	1.230	ug/l #	32
36) 1,1-Dichloropropene	7.62	75	21394	4.656	ug/l #	51
38) Carbon Tetrachloride	7.63	117	27881	5.234	ug/l #	19
43) Isopropyl Acetate	8.13	43	101012	12.732	ug/l #	89
48) Methyl methacrylate	9.24	41	159678	39.009	ug/l #	48
49) 1,4-Dioxane	9.24	88	98	1.624	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	9633	2.089	ug/l	97
54) cis-1,3-Dichloropropene	9.87	75	40870	7.072	ug/l #	59
57) 1,3-Dichloropropane	10.74	76	7169	1.319	ug/l #	53
59) 2-Hexanone	10.74	43	110291	32.471	ug/l #	54
74) N-amyl acetate	12.03	43	29242	4.078	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.48	83	1722	0.364	ug/l #	42
76) 1,2,3-Trichloropropane	12.37	75	137430	26.382	ug/l #	100
77) Bromobenzene	12.42	156	27659	6.933	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.71	105	12073	0.876	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	137430	75.993	ug/l #	9
85) sec-Butylbenzene	13.14	105	3478	0.238	ug/l	100
86) p-Isopropyltoluene	13.25	119	3077	0.233	ug/l #	81
92) 1,2-Dibromo-3-Chloropropan	14.23	75	336	0.286	ug/l #	37
93) 1,2,4-Trichlorobenzene	14.87	180	367	2.106	ug/l #	1
95) Naphthalene	15.10	128	4192	2.717	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.16	180	1041	2.441	ug/l	86

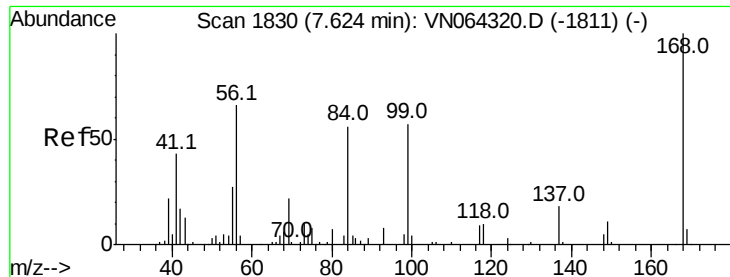
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

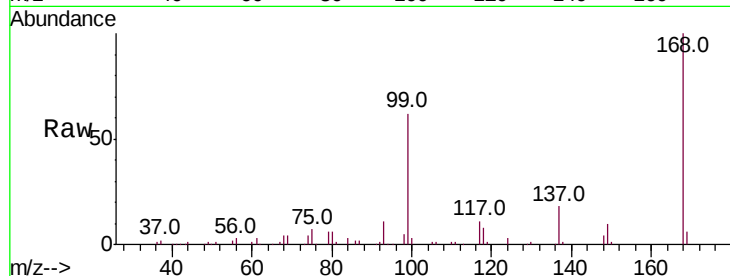
PB132665ZHE#01

Tot Ion:168 Resp: 264622

Ion Ratio Lower Upper

168 100

99 62.5 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): VN064320.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064320.D (-1811) (-)

7.63

120000

100000

80000

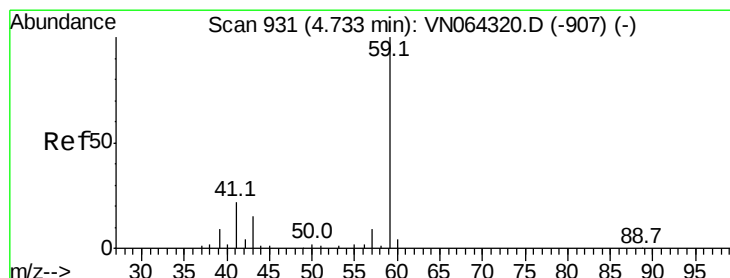
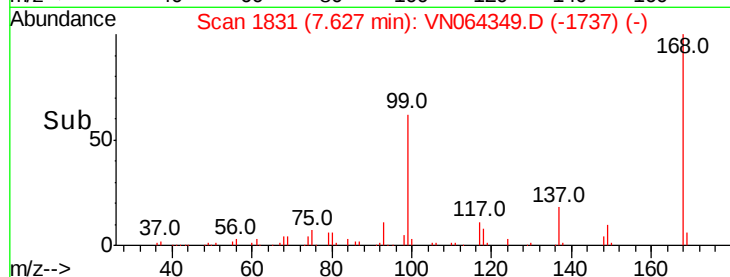
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 0.326 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN064349.D

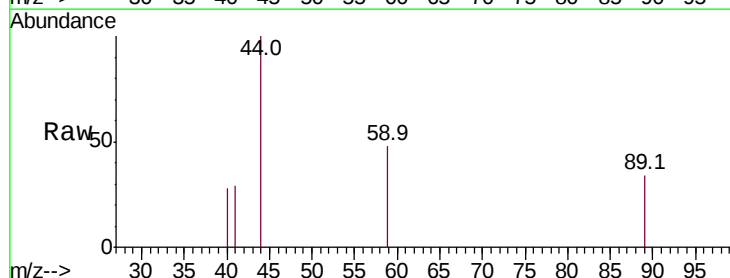
Acq: 28 Oct 2020 13:58

Tgt Ion: 59 Resp: 201

Ion Ratio Lower Upper

59 100

57 0.0 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VN064320.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN064320.D (-907) (-)

4.72

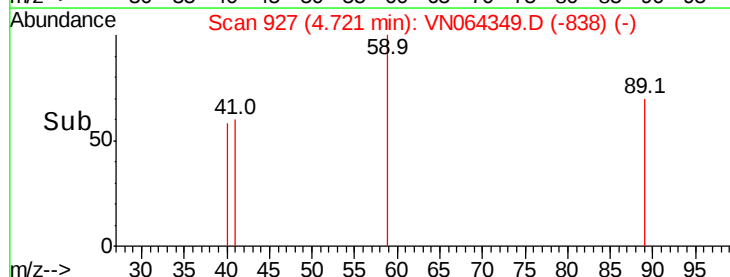
300

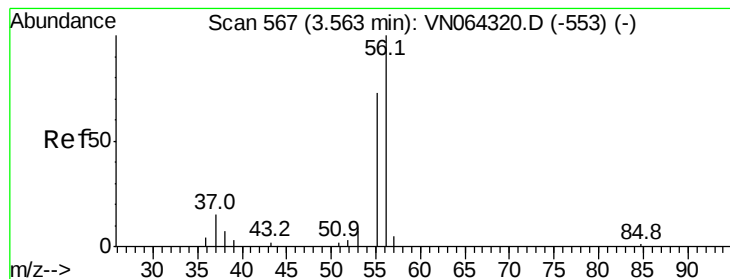
200

100

0

Time--> 4.71 4.72 4.73





#13

Acrolein

Concen: 18.144 ug/l

RT: 3.60 min Scan# 578

Delta R.T. 0.04 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

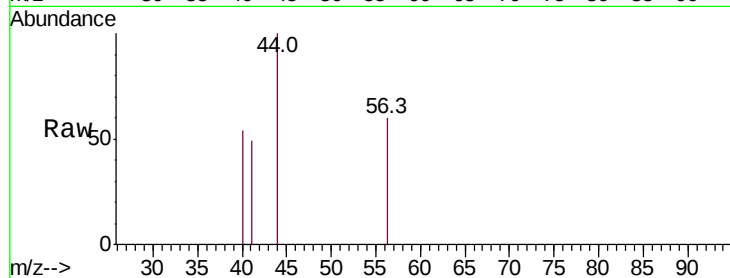
PB132665ZHE#01

Tot Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 0.0 62.6 94.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

200

150

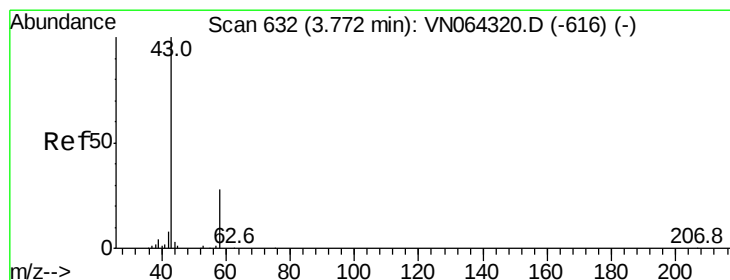
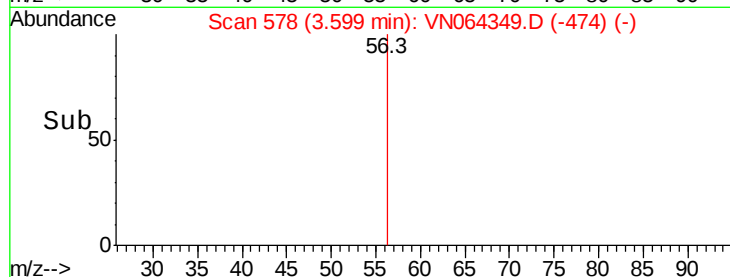
100

50

0

Time-->

3.59 3.60 3.61



#16

Acetone

Concen: 4.520 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064349.D

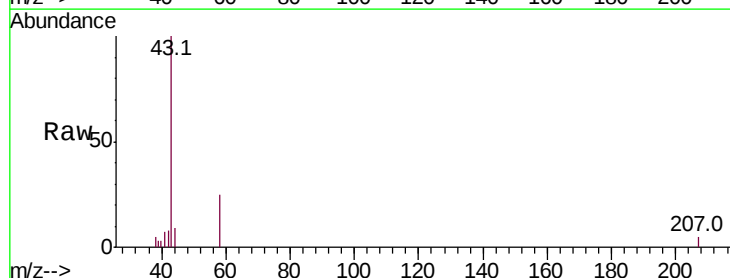
Acq: 28 Oct 2020 13:58

Tgt Ion: 43 Resp: 17011

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

6000

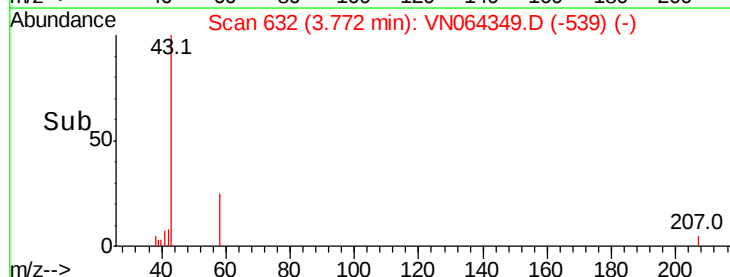
4000

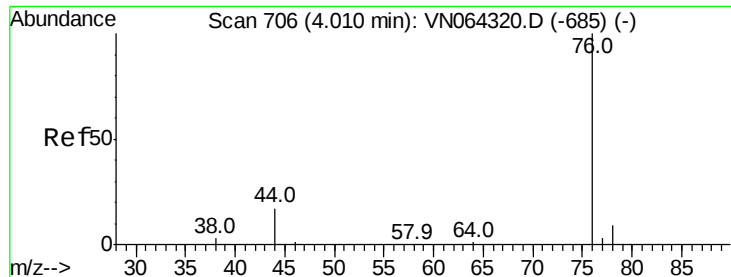
2000

0

Time-->

3.70 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 0.263 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

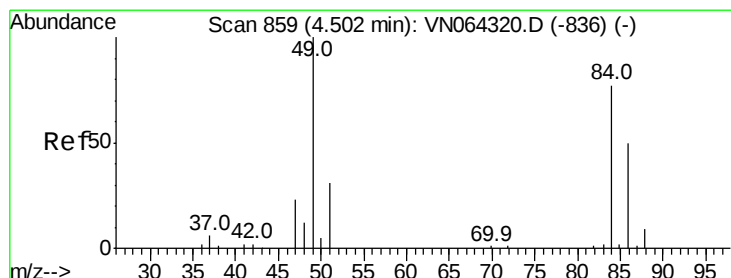
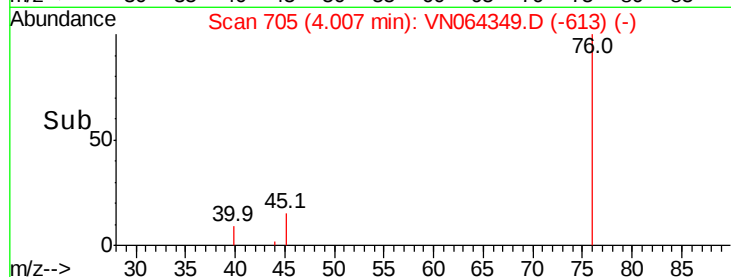
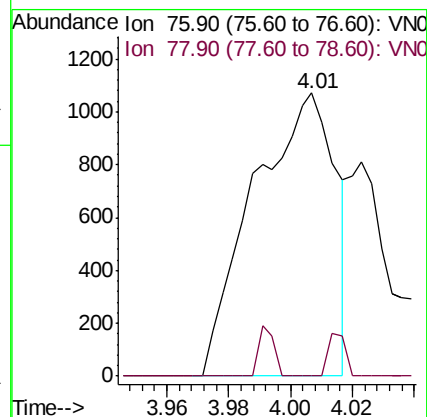
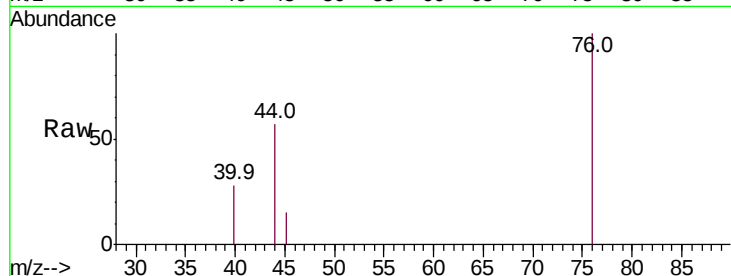
PB132665ZHE#01

Tot Ion: 76 Resp: 1970

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#20

Methylene Chloride

Concen: 2.521 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Tgt Ion: 84 Resp: 7604

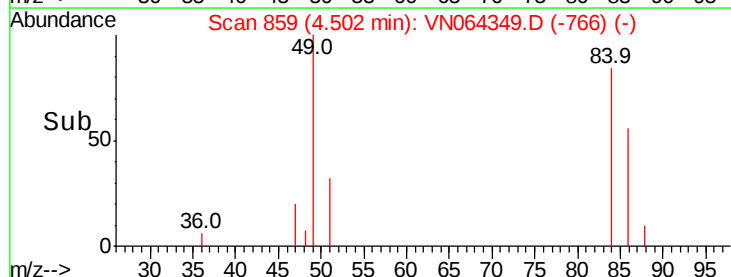
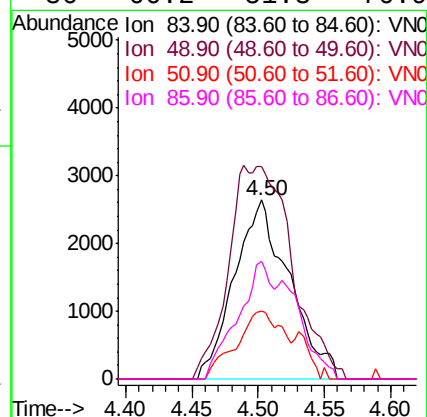
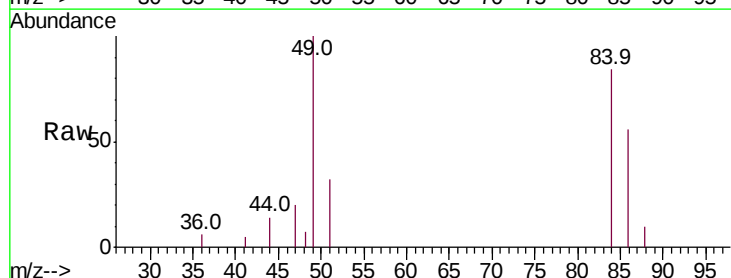
Ion Ratio Lower Upper

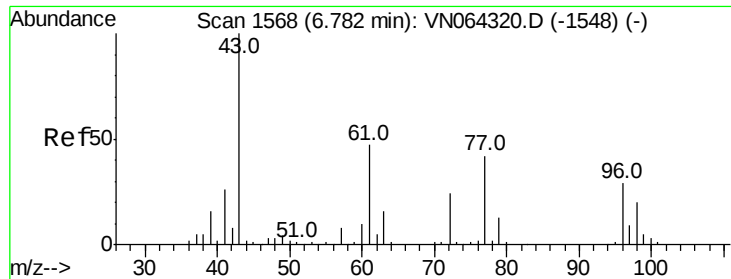
84 100

49 118.7 103.6 155.4

51 38.1 31.8 47.8

86 66.2 51.3 76.9





#25

2-Butanone

Concen: 1.214 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

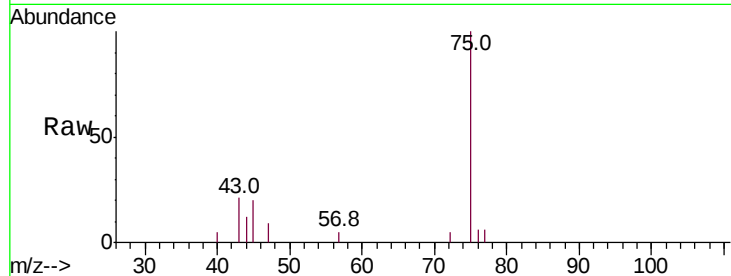
PB132665ZHE#01

Tot Ion: 43 Resp: 2592

Ion Ratio Lower Upper

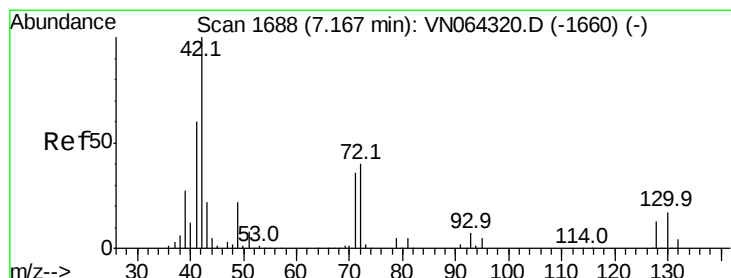
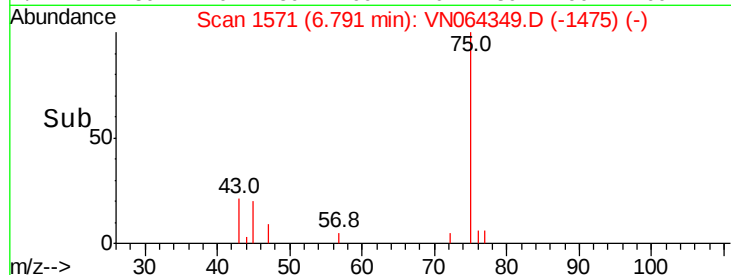
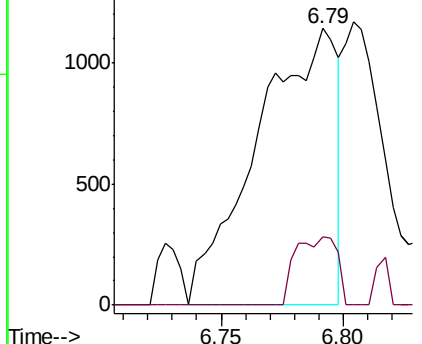
43 100

72 24.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.333 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

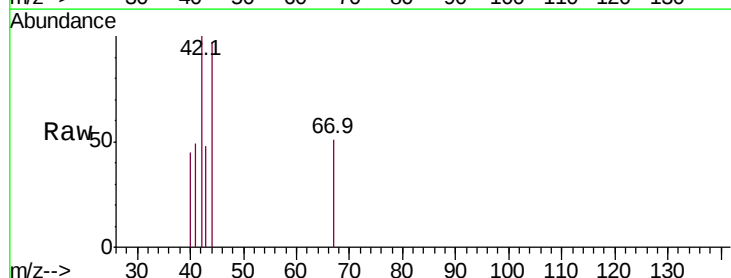
Tgt Ion: 42 Resp: 462

Ion Ratio Lower Upper

42 100

72 0.0 31.6 47.4#

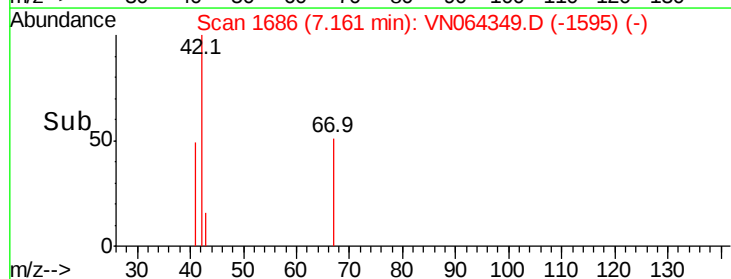
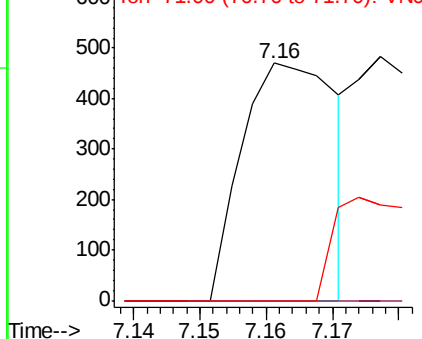
71 0.0 29.4 44.0#

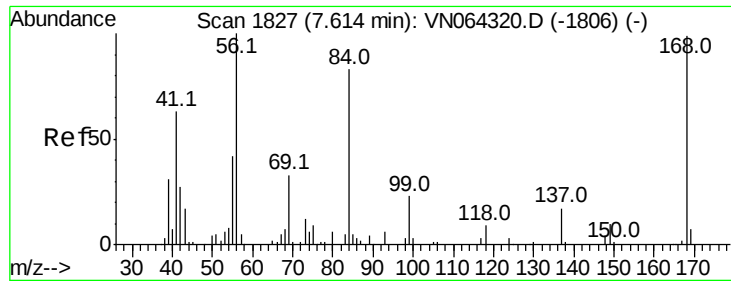


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

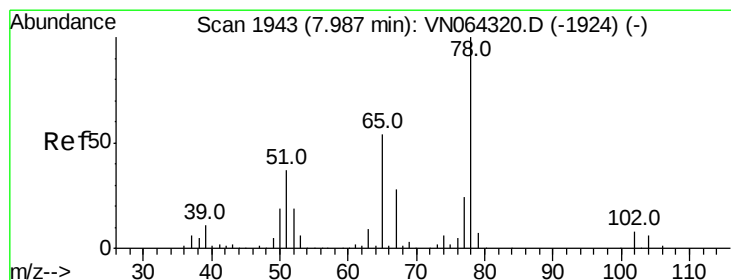
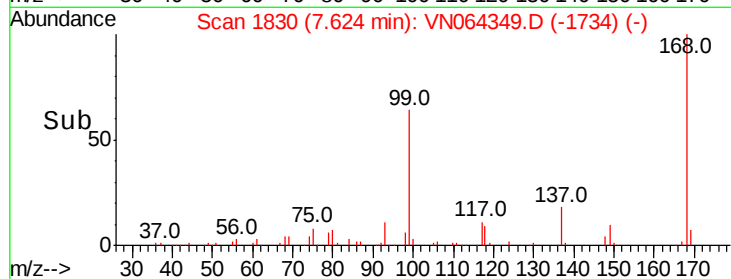
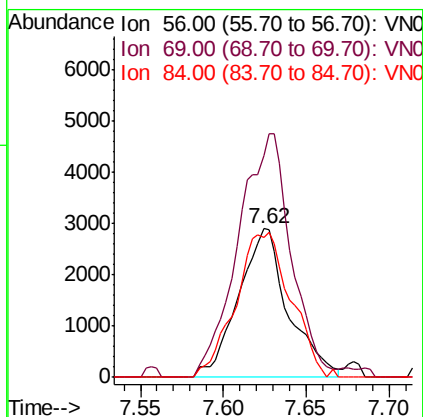
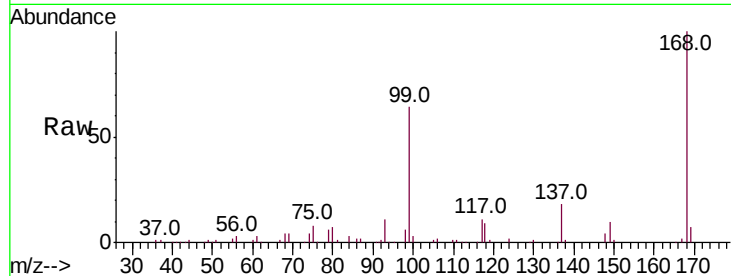




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064349.D
Acq: 28 Oct 2020 13:58

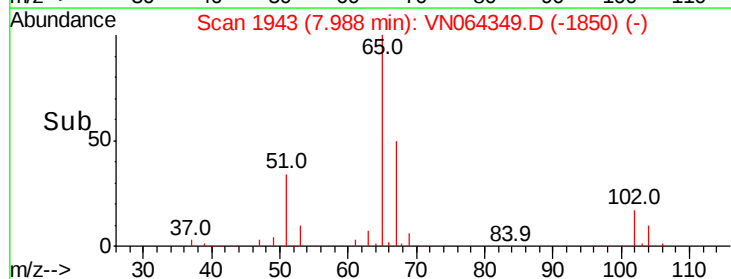
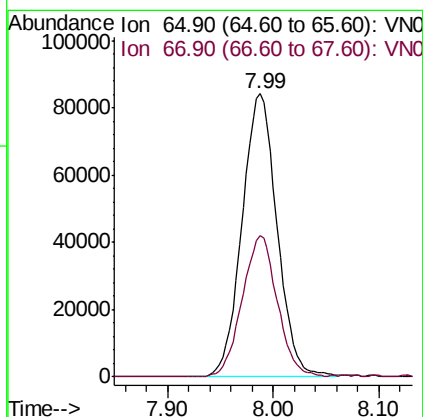
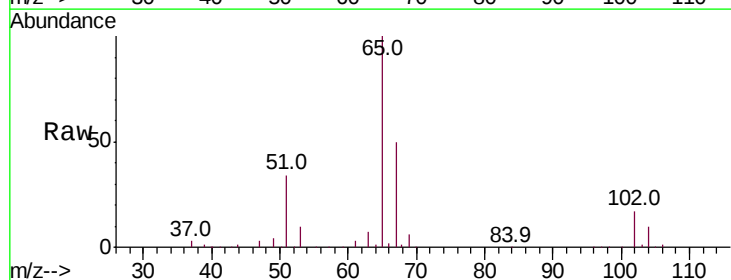
Instrument :
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ClientSampleId :
PB132665ZHE#01

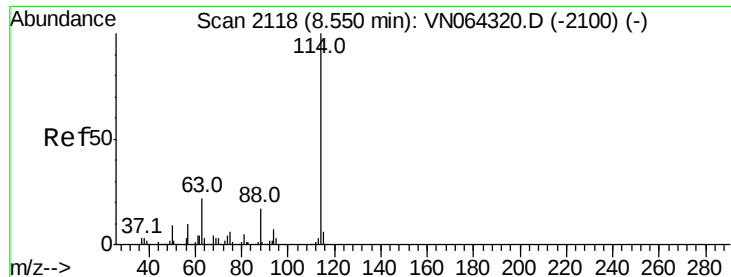
Tot Ion: 56 Resp: 6069
Ion Ratio Lower Upper
56 100
69 149.2 25.8 38.8#
84 94.7 66.3 99.5



#33
1,2-Dichloroethane-d4
Concen: 45.812 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064349.D
Acq: 28 Oct 2020 13:58

Tgt Ion: 65 Resp: 194813
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

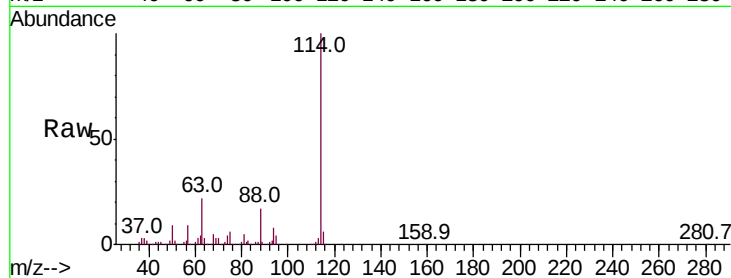
Tot Ion:114 Resp: 455278

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

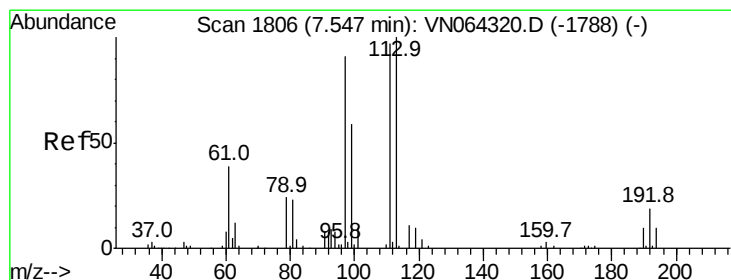
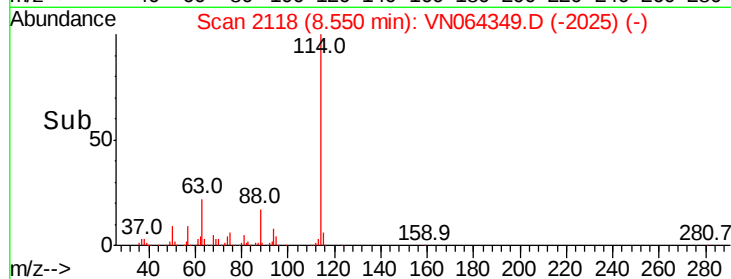
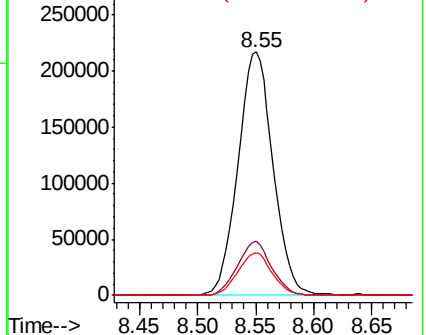
88 17.4 0.0 33.4



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: 49.862 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

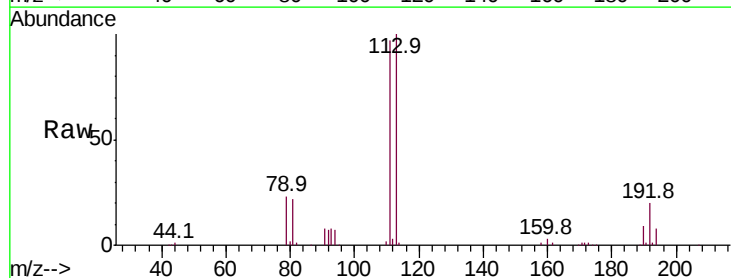
Tgt Ion:113 Resp: 151387

Ion Ratio Lower Upper

113 100

111 100.4 81.5 122.3

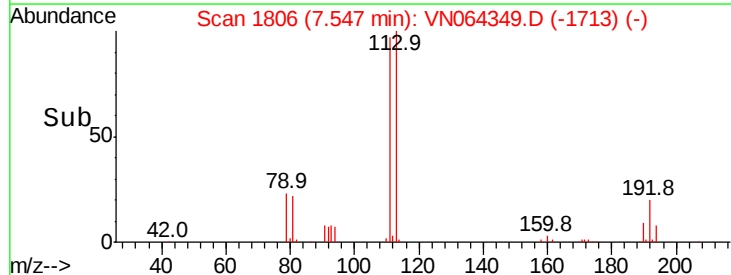
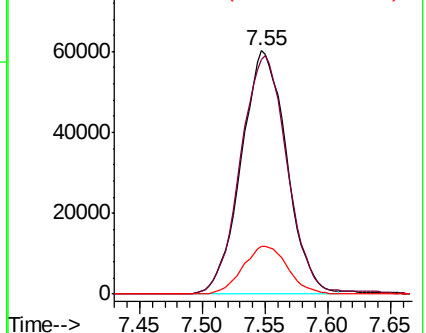
192 19.5 15.0 22.4

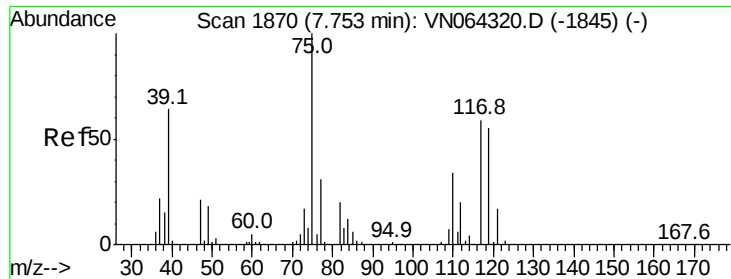


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.13 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

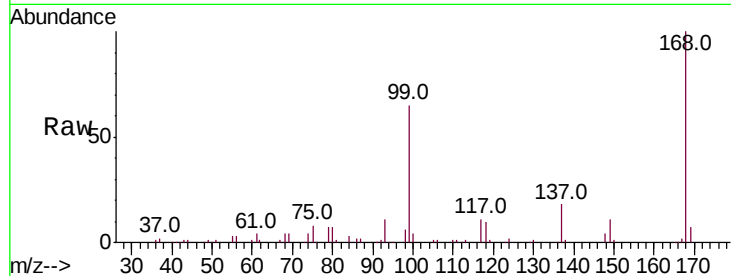
Tot Ion: 75 Resp: 21394

Ion Ratio Lower Upper

75 100

110 8.6 16.8 50.3#

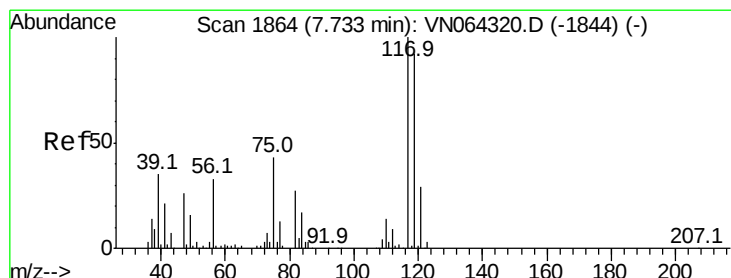
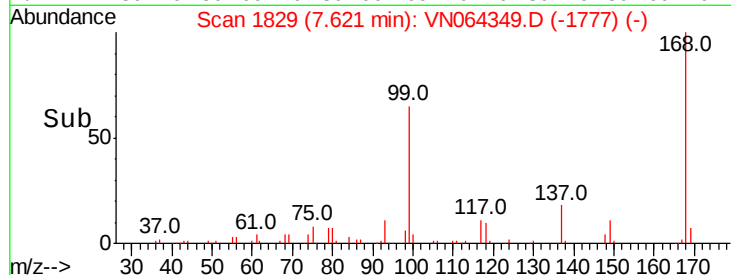
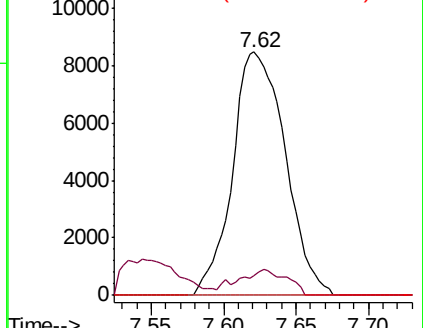
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-1845) (-)

Ion 109.90 (109.60 to 110.60): VN064320.D (-1845) (-)

Ion 76.90 (76.60 to 77.60): VN064320.D (-1845) (-)



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

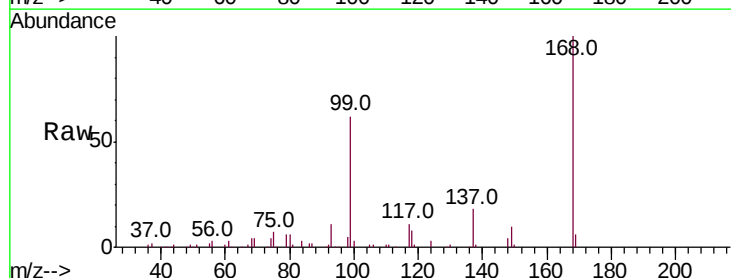
Tgt Ion: 117 Resp: 27881

Ion Ratio Lower Upper

117 100

119 6.6 73.7 110.5#

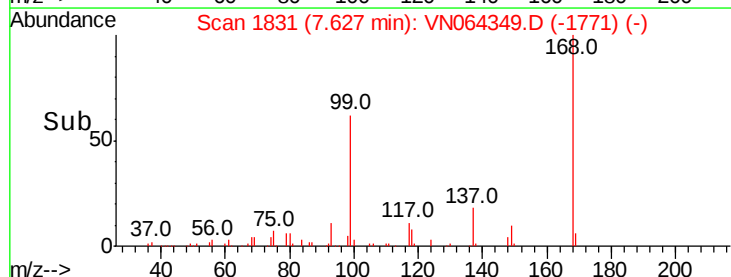
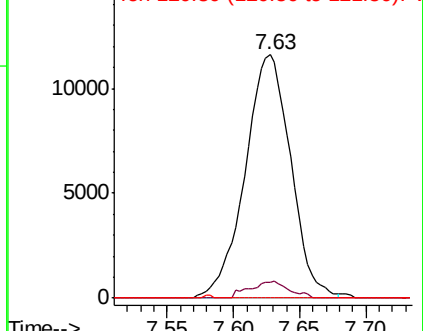
121 0.0 22.8 34.2#

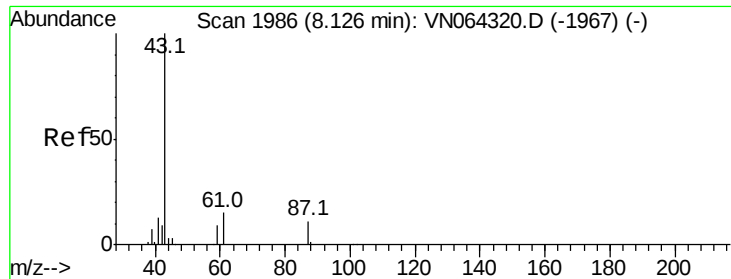


Abundance Ion 116.80 (116.50 to 117.50): VN064320.D (-1844) (-)

Ion 118.80 (118.50 to 119.50): VN064320.D (-1844) (-)

Ion 120.80 (120.50 to 121.50): VN064320.D (-1844) (-)





#43

Isopropyl Acetate

Concen: 12.732 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

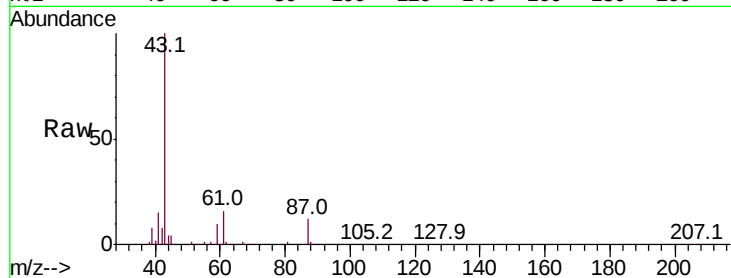
Tot Ion: 43 Resp: 101012

Ion Ratio Lower Upper

43 100

61 16.6 19.1 28.7#

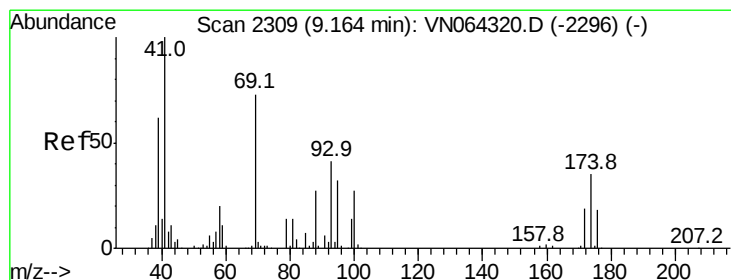
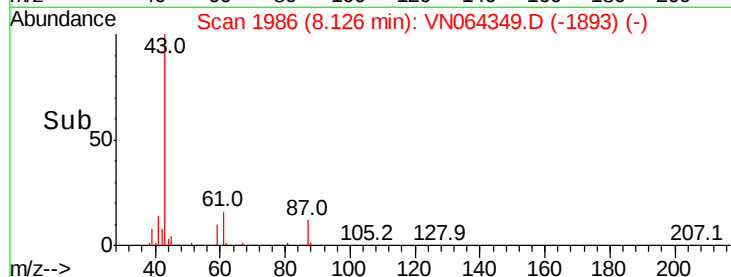
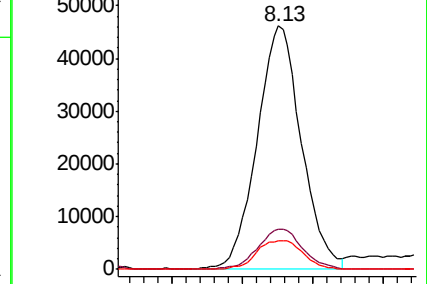
87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 39.009 ug/l

RT: 9.24 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

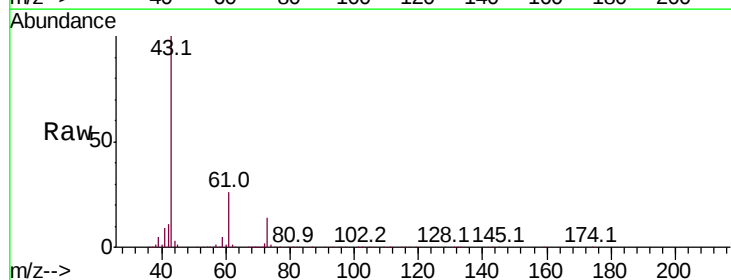
Tgt Ion: 41 Resp: 159678

Ion Ratio Lower Upper

41 100

69 0.3 59.1 88.7#

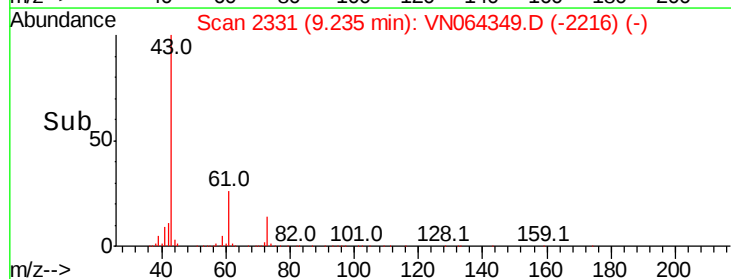
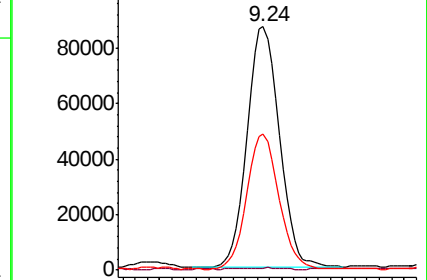
39 55.3 51.3 76.9

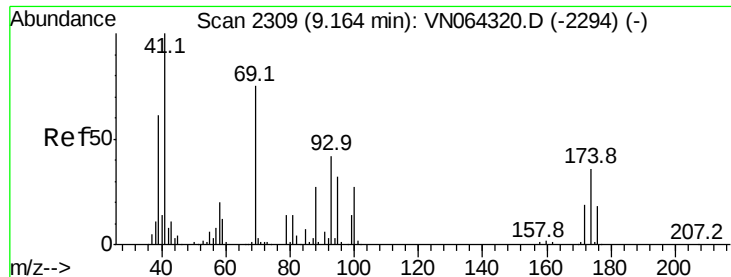


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1.624 ug/l

RT: 9.24 min Scan# 2334

Delta R.T. 0.08 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

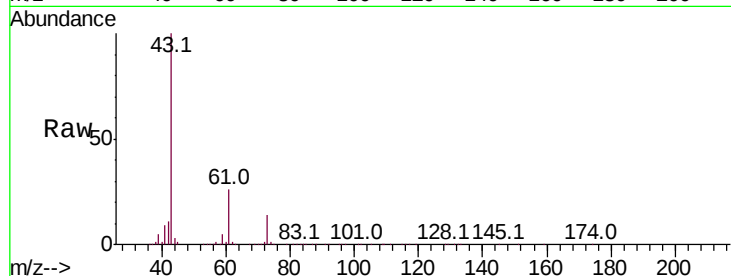
Tot Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 1741798.0 31.8 47.8#

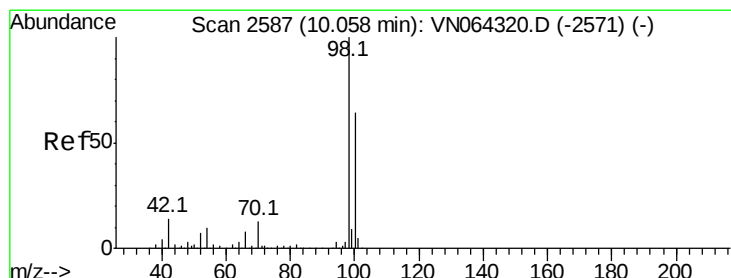
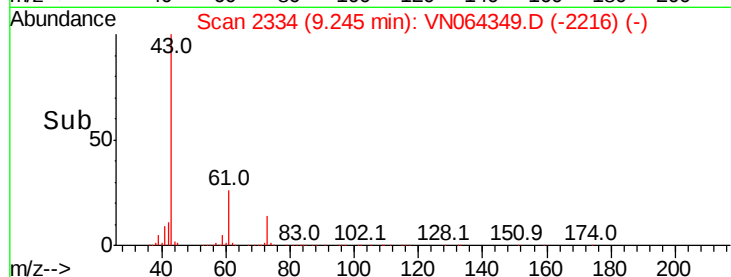
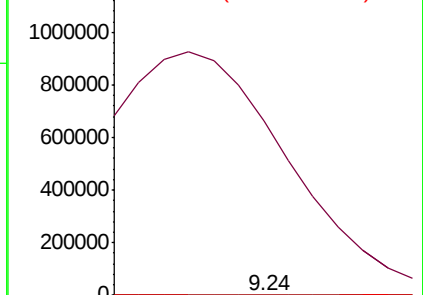
58 6374.5 60.3 90.5#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.461 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064349.D

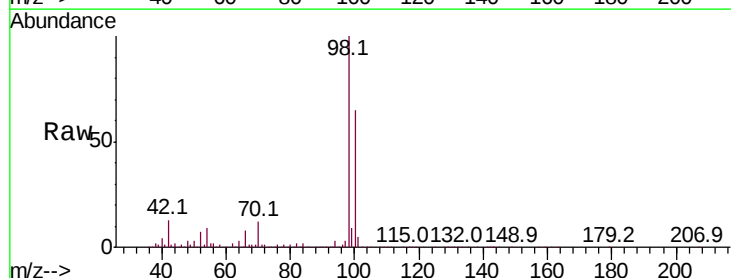
Acq: 28 Oct 2020 13:58

Tgt Ion: 98 Resp: 577926

Ion Ratio Lower Upper

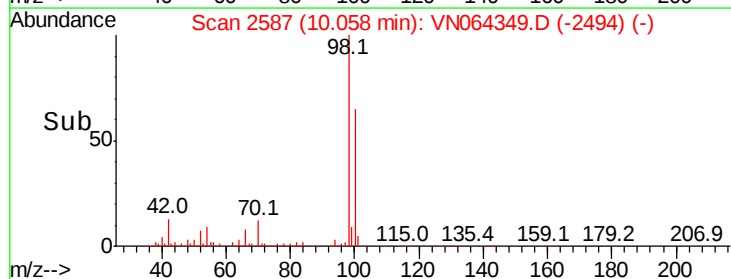
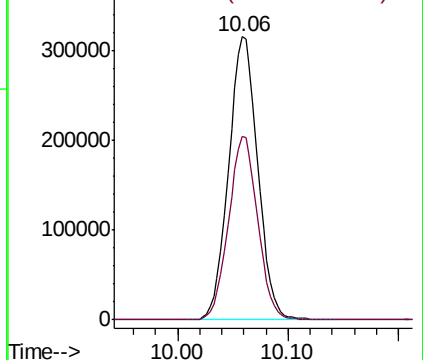
98 100

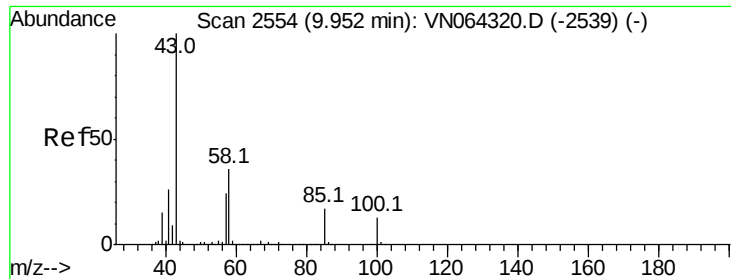
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 2.089 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

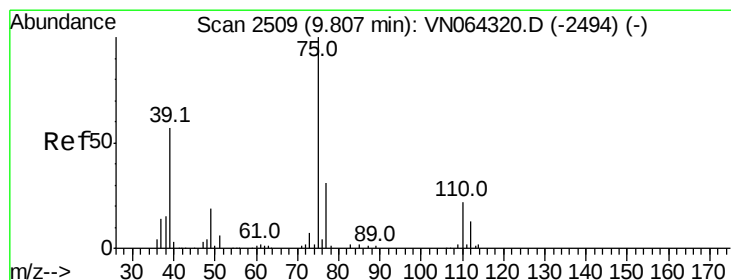
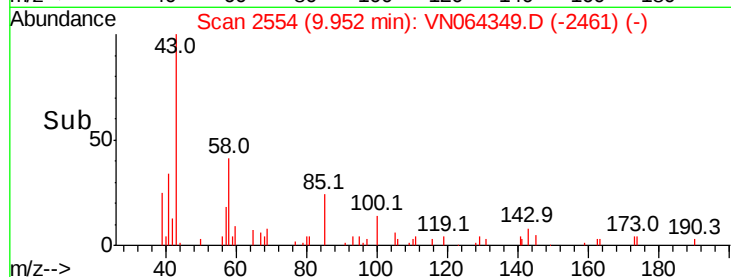
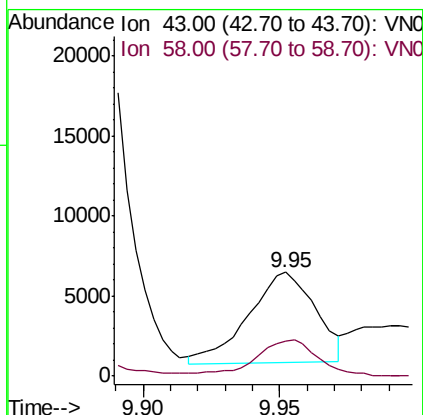
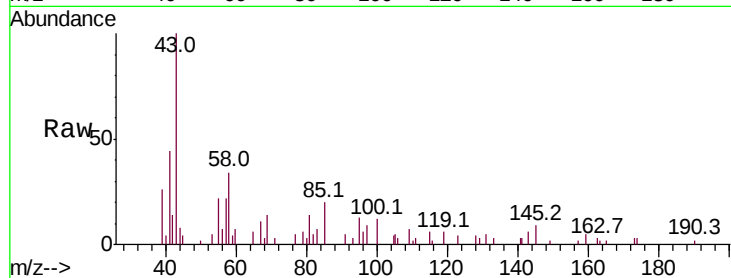
Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :
MSVOA_N
ClientSampleId :
PB132665ZHE#01

Tot Ion: 43 Resp: 9633

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.6	42.8



#54

cis-1,3-Dichloropropene

Concen: 7.072 ug/l

RT: 9.87 min Scan# 2529

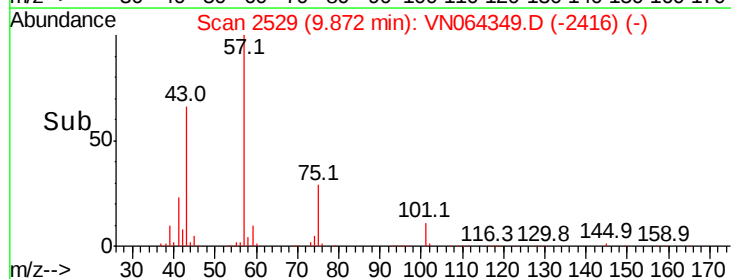
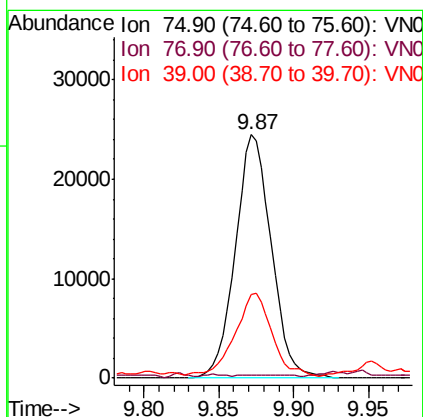
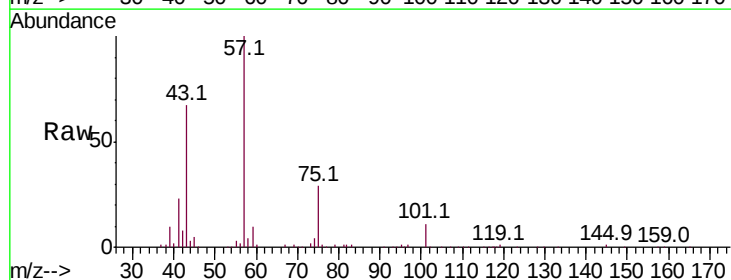
Delta R.T. 0.06 min

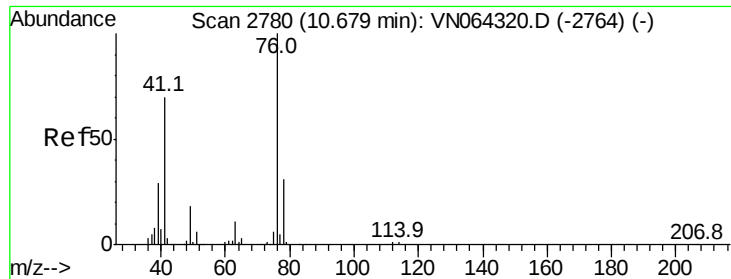
Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Tgt Ion: 75 Resp: 40870

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.0	37.4#
39	32.7	45.5	68.3#

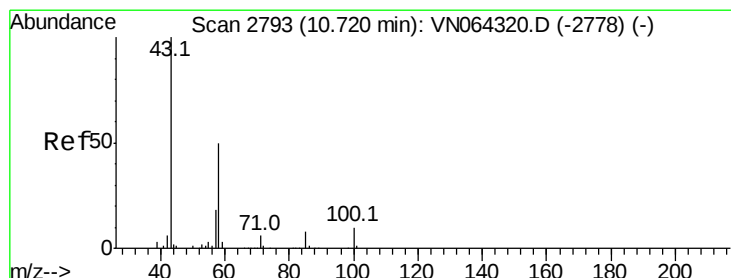
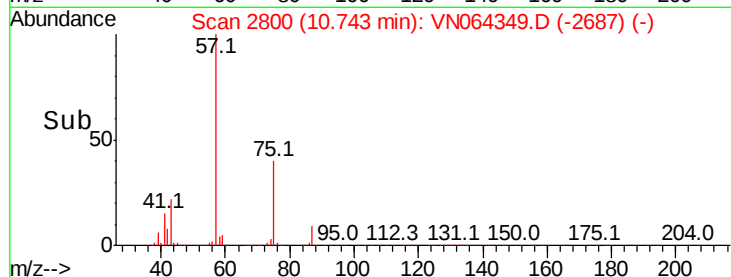
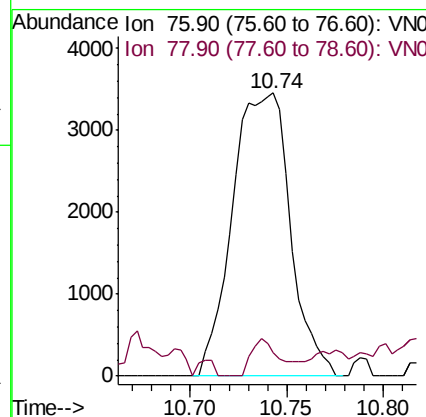
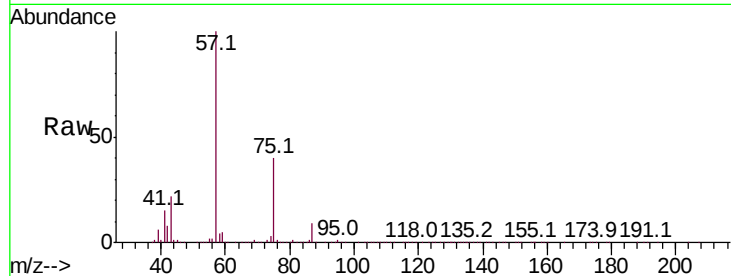




#57
 1,3-Dichloropropane
 Concen: 1.319 ug/l
 RT: 10.74 min Scan# 2800
 Delta R.T. 0.06 min
 Lab File: VN064349.D
 Acq: 28 Oct 2020 13:58

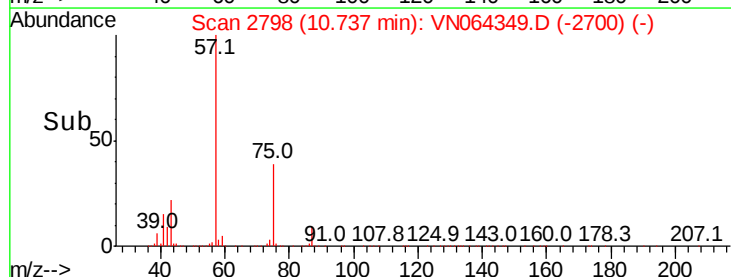
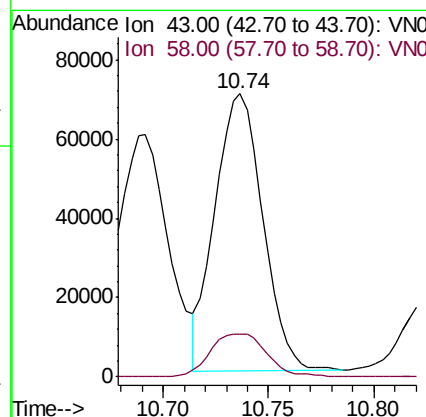
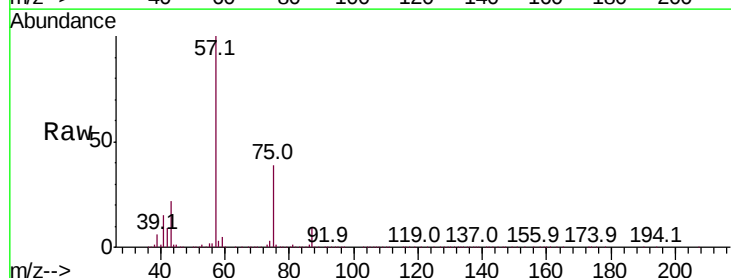
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132665ZHE#01

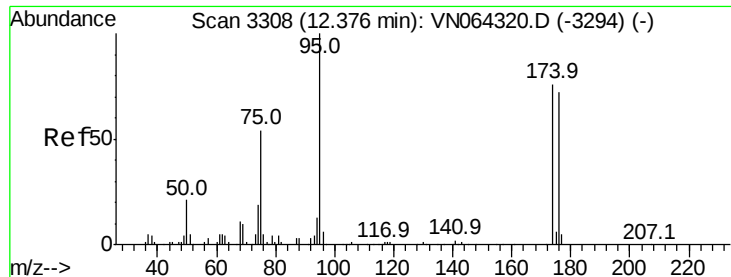
Tot Ion: 76 Resp: 7169
 Ion Ratio Lower Upper
 76 100
 78 6.2 25.8 38.6#



#59
 2-Hexanone
 Concen: 32.471 ug/l
 RT: 10.74 min Scan# 2798
 Delta R.T. 0.02 min
 Lab File: VN064349.D
 Acq: 28 Oct 2020 13:58

Tgt Ion: 43 Resp: 110291
 Ion Ratio Lower Upper
 43 100
 58 18.3 25.0 75.0#





#62

4-Bromofluorobenzene

Concen: 56.888 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

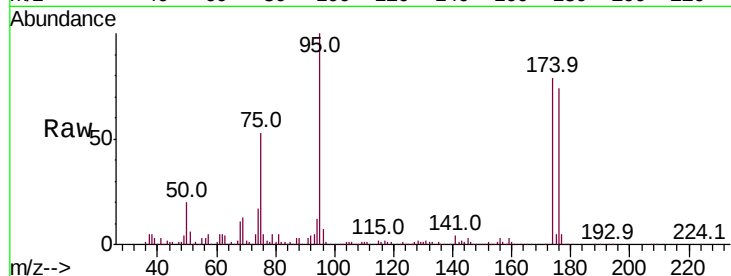
Tot Ion: 95 Resp: 249091

Ion Ratio Lower Upper

95 100

174 81.1 0.0 147.4

176 75.4 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)

12.38

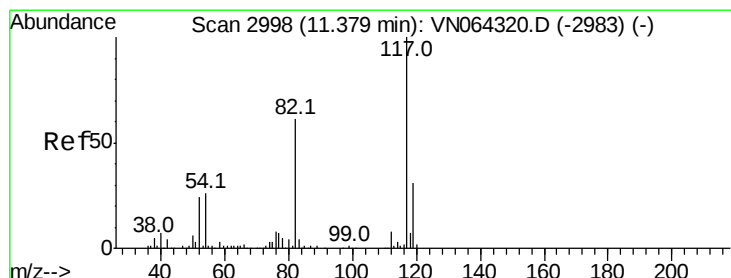
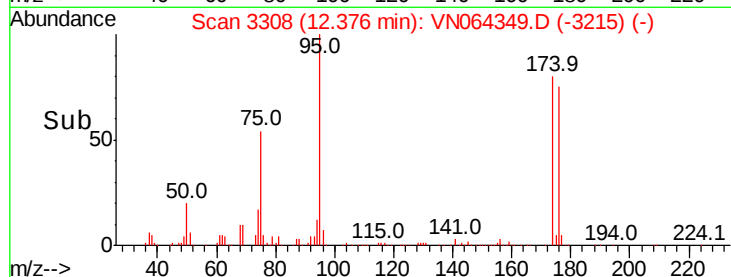
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

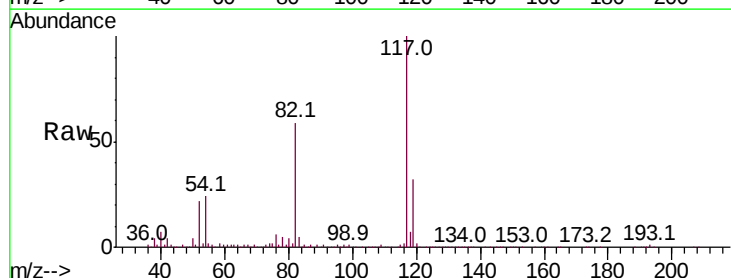
Tgt Ion: 117 Resp: 470675

Ion Ratio Lower Upper

117 100

82 58.5 48.8 73.2

119 32.1 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): VN064320.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064320.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064320.D (-2983) (-)

11.38

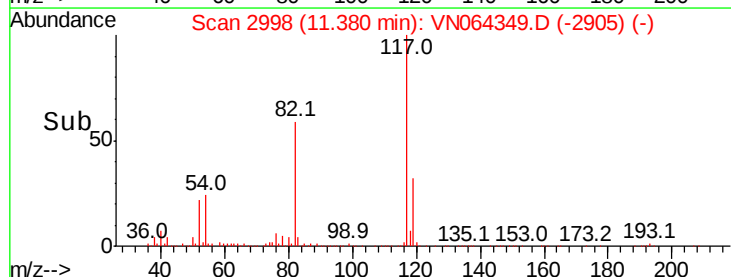
300000

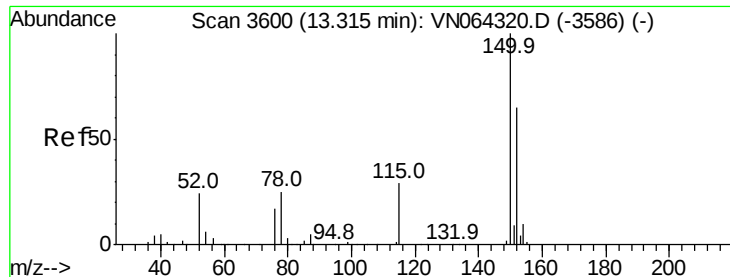
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

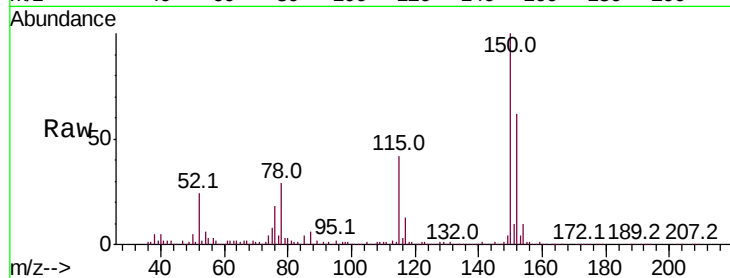
Tot Ion:152 Resp: 217532

Ion Ratio Lower Upper

152 100

115 62.3 31.5 94.5

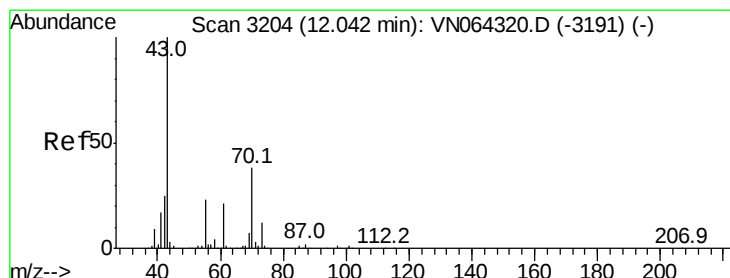
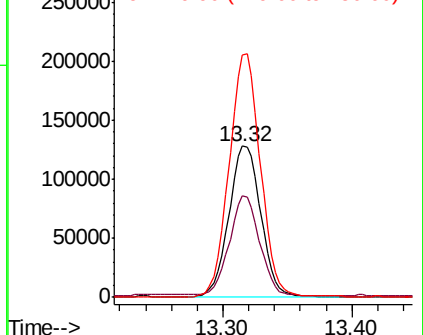
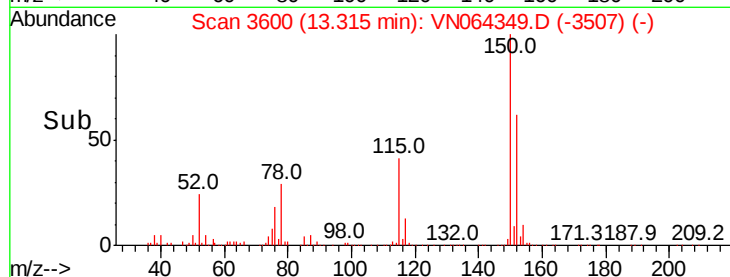
150 157.9 0.0 346.2



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: 4.078 ug/l

RT: 12.03 min Scan# 3199

Delta R.T. -0.02 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Tgt Ion: 43 Resp: 29242

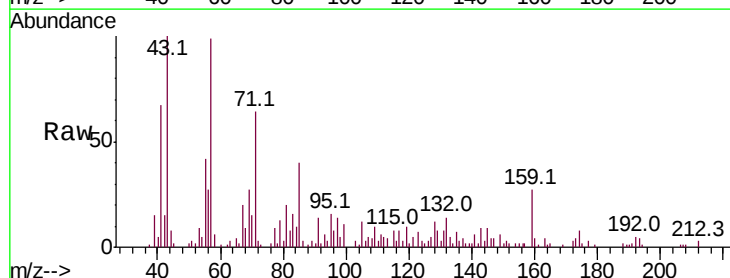
Ion Ratio Lower Upper

43 100

70 3.7 30.6 45.8#

55 0.0 18.2 27.4#

61 0.0 17.6 26.4#

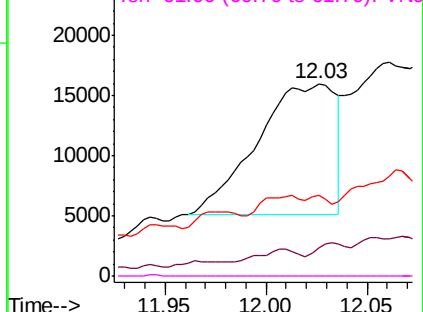
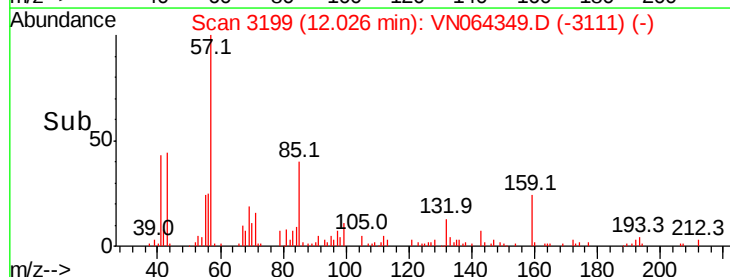


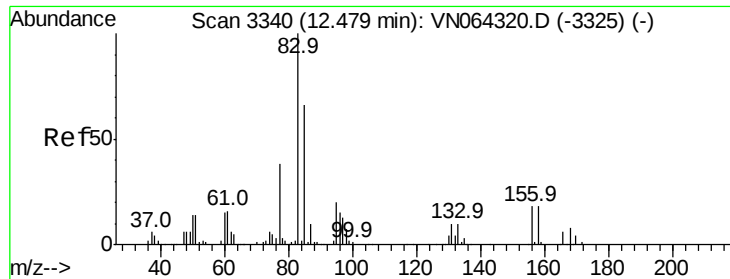
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.364 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

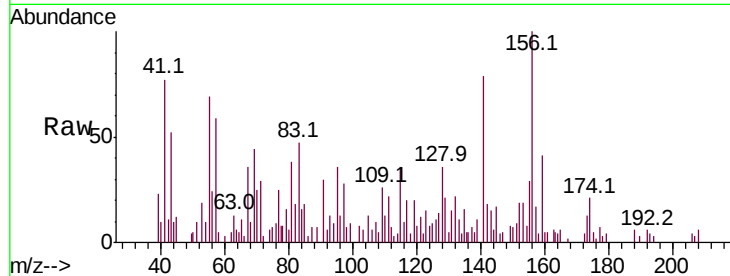
Tot Ion: 83 Resp: 1722

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

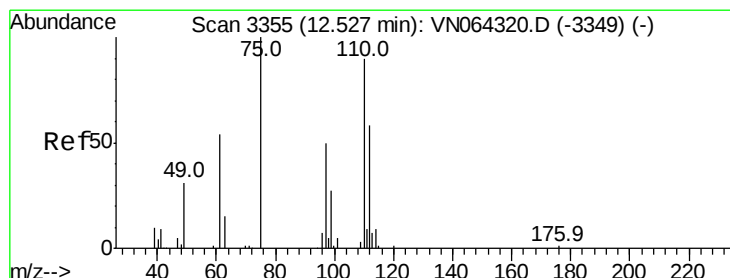
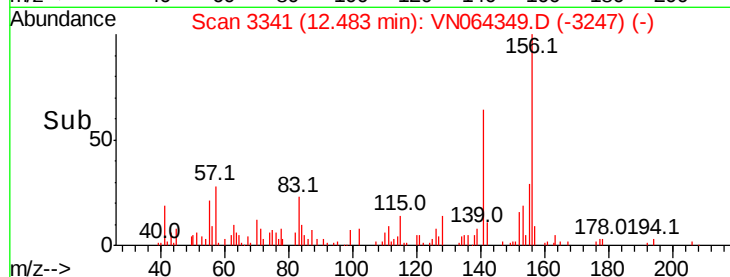
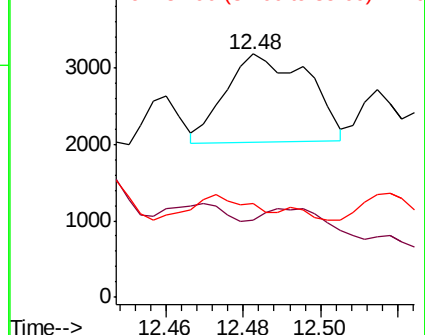
85 15.8 33.0 98.9#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.382 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064349.D

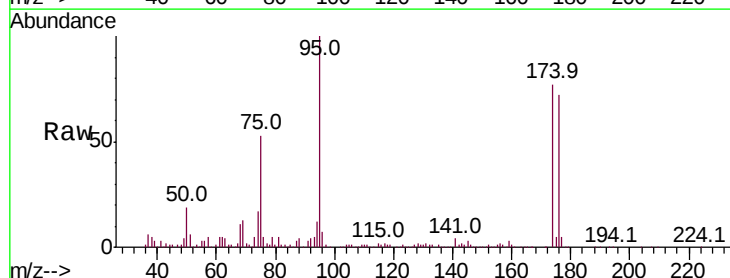
Acq: 28 Oct 2020 13:58

Tgt Ion: 75 Resp: 137430

Ion Ratio Lower Upper

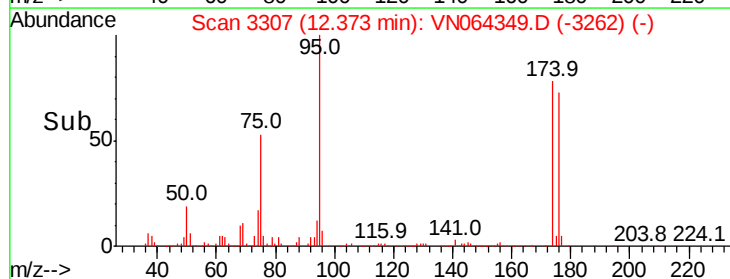
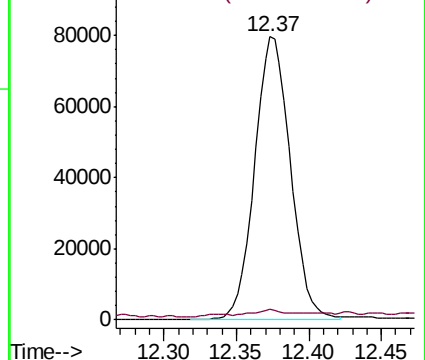
75 100

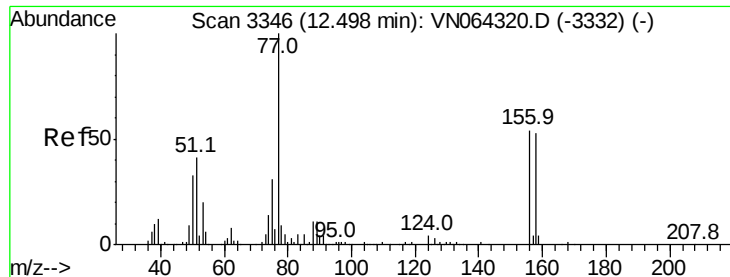
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 6.933 ug/l

RT: 12.42 min Scan# 3322

Delta R.T. -0.08 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

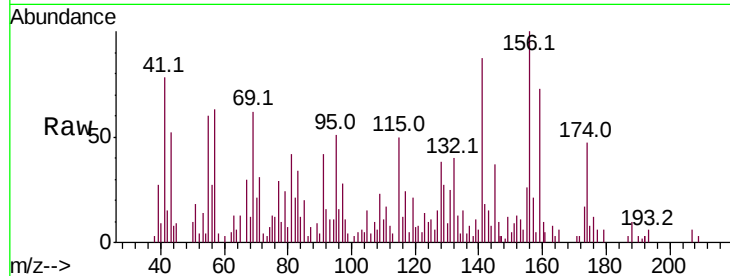
Tot Ion:156 Resp: 27659

Ion Ratio Lower Upper

156 100

77 1.5 111.9 335.7#

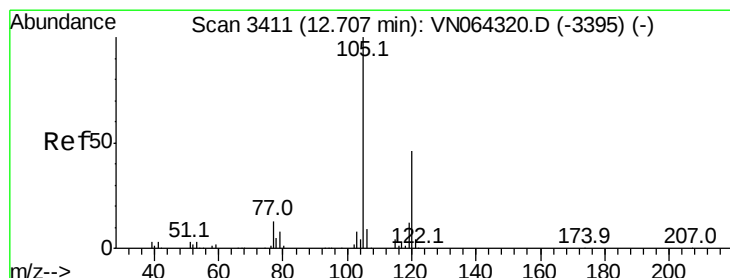
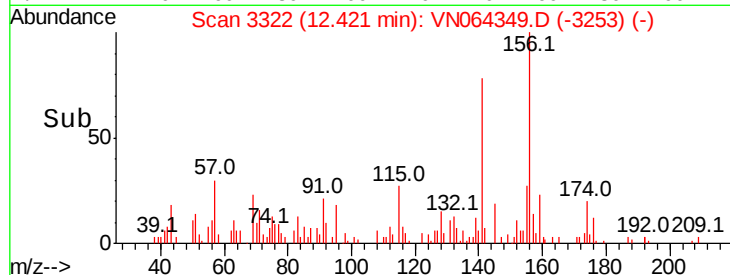
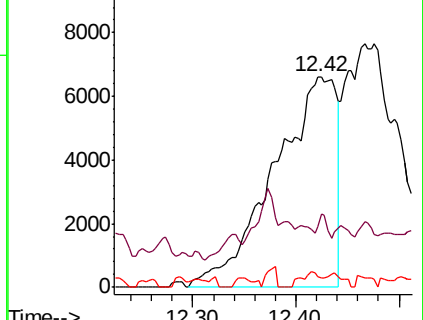
158 2.1 49.0 147.0#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.876 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064349.D

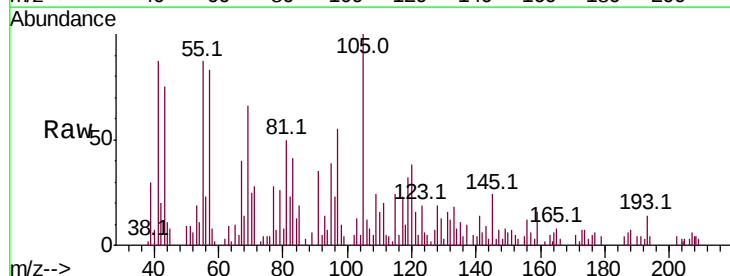
Acq: 28 Oct 2020 13:58

Tgt Ion:105 Resp: 12073

Ion Ratio Lower Upper

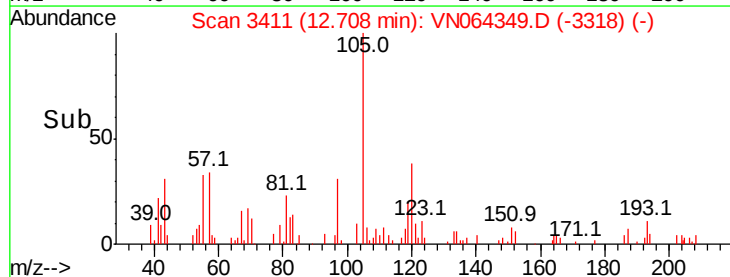
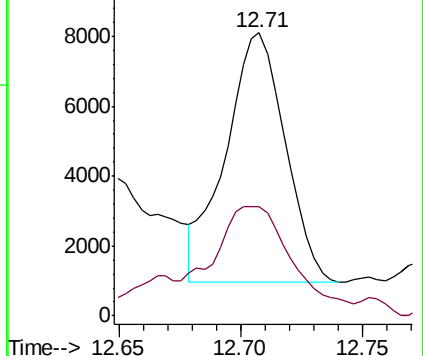
105 100

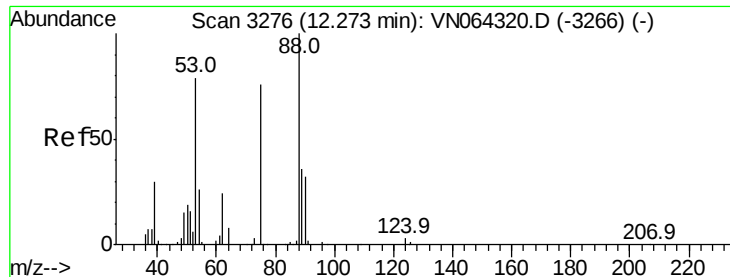
120 47.6 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 75.993 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

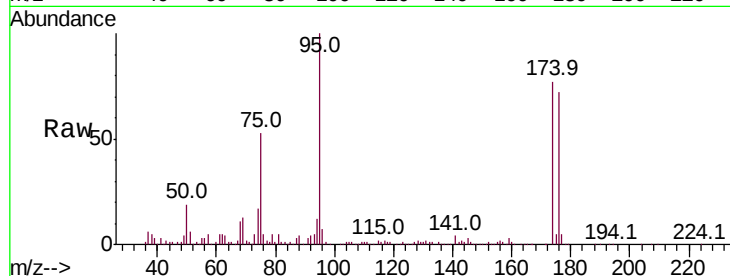
Tot Ion: 75 Resp: 137430

Ion Ratio Lower Upper

75 100

53 0.4 81.8 122.8#

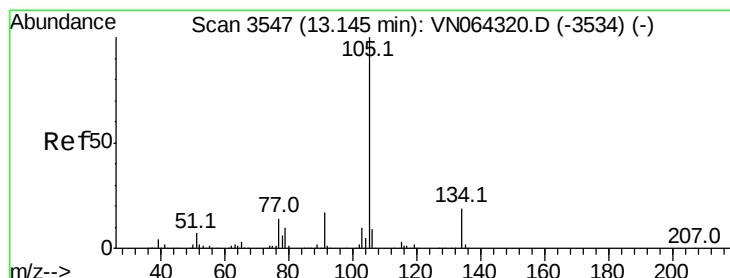
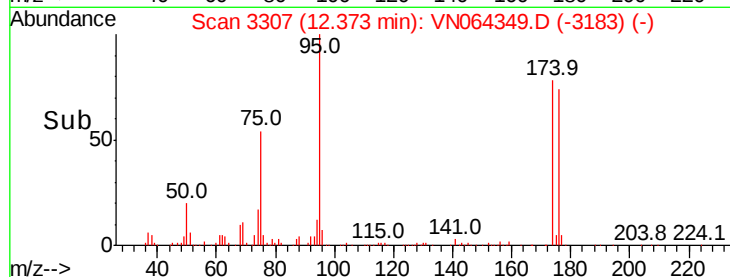
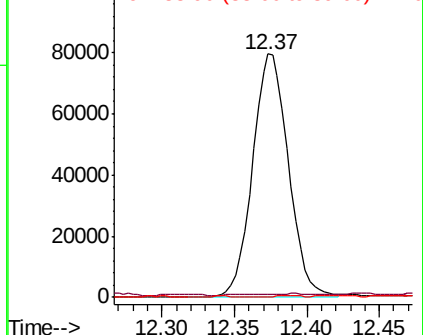
89 0.3 39.9 59.9#



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064320.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064320.D (-3266) (-)



#85

sec-Butylbenzene

Concen: 0.238 ug/l

RT: 13.14 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN064349.D

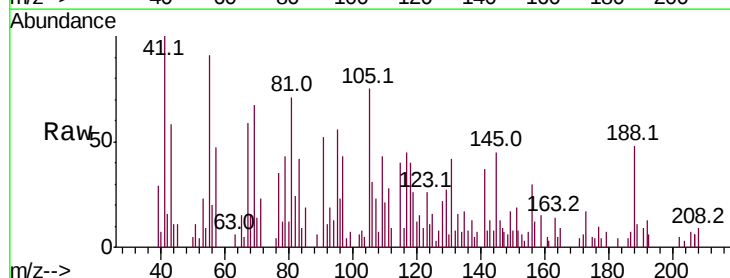
Acq: 28 Oct 2020 13:58

Tgt Ion: 105 Resp: 3478

Ion Ratio Lower Upper

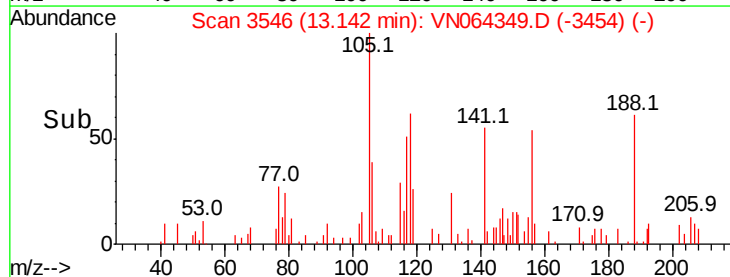
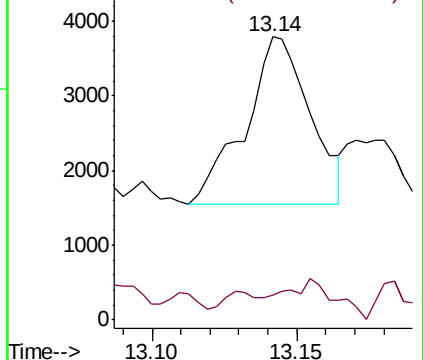
105 100

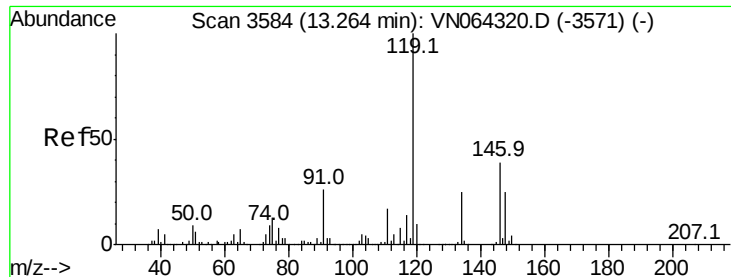
134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3534) (-)

Ion 134.00 (133.70 to 134.70): VN064320.D (-3534) (-)





#86

p-Isopropyltoluene

Concen: 0.233 ug/l

RT: 13.25 min Scan# 3580

Delta R.T. -0.01 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

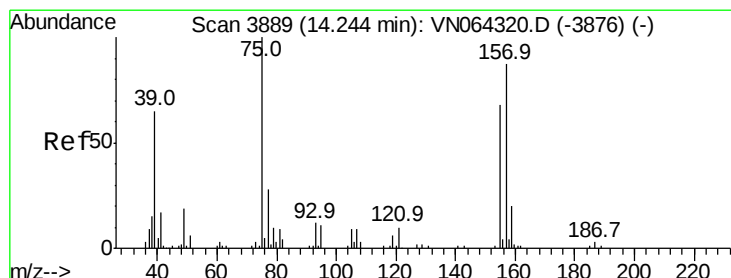
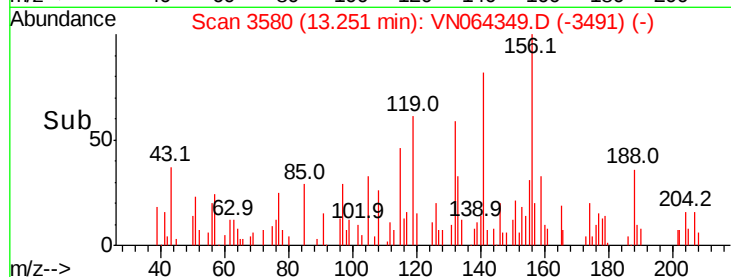
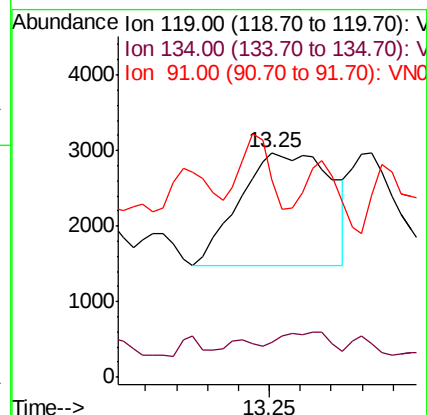
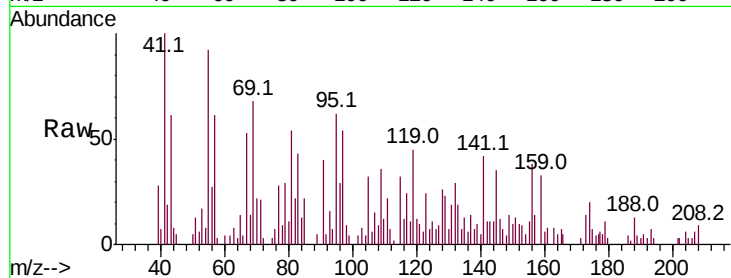
Tot Ion: 119 Resp: 3077

Ion Ratio Lower Upper

119 100

134 6.2 12.8 38.4#

91 25.8 13.0 38.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.286 ug/l

RT: 14.23 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

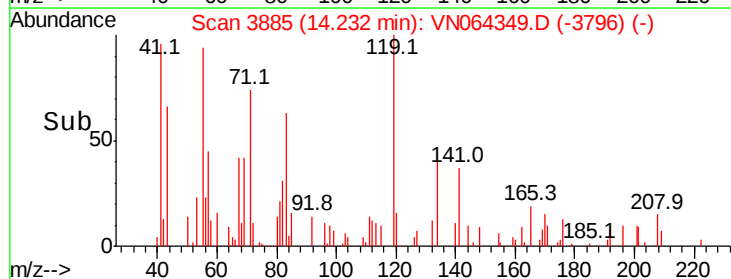
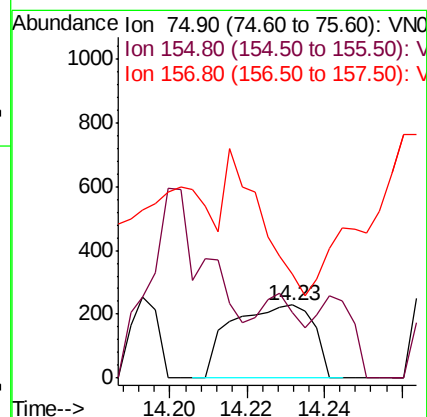
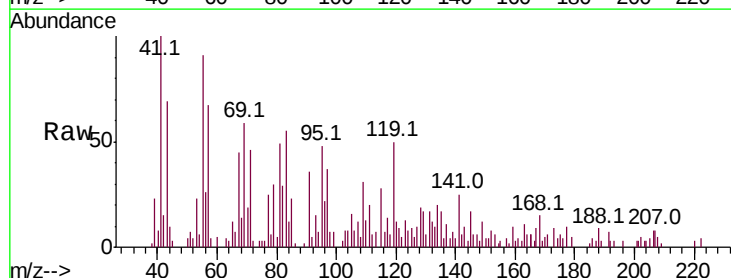
Tgt Ion: 75 Resp: 336

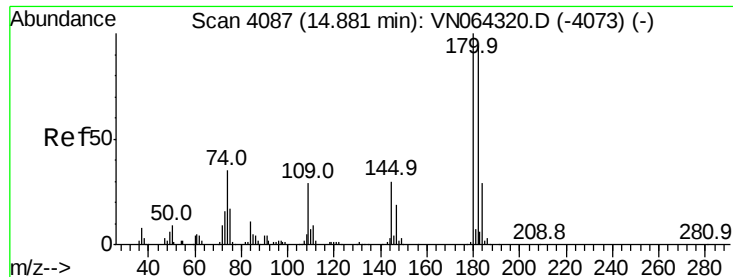
Ion Ratio Lower Upper

75 100

155 50.0 35.1 105.5

157 0.0 43.2 129.6#





#93

1,2,4-Trichlorobenzene

Concen: 2.106 ug/l

RT: 14.87 min Scan# 4085

Delta R.T. -0.01 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#01

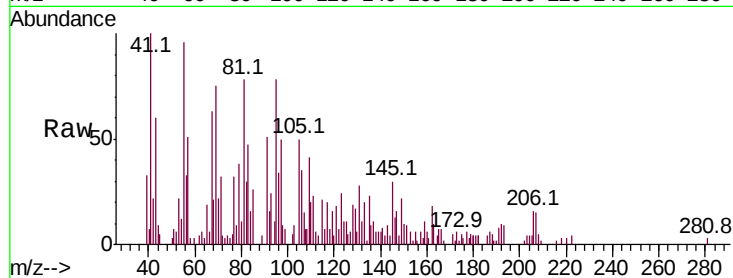
Tot Ion:180 Resp: 367

Ion Ratio Lower Upper

180 100

182 256.1 46.6 139.7#

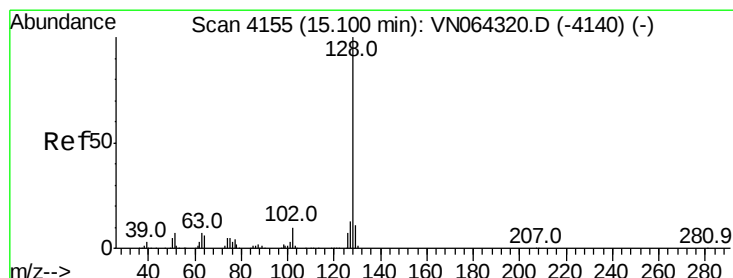
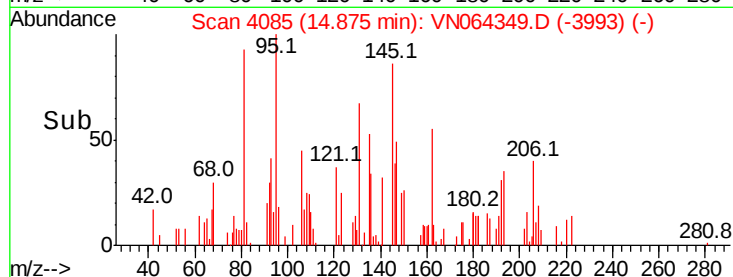
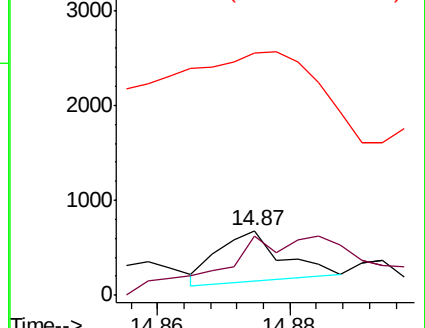
145 1290.2 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 2.717 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064349.D

Acq: 28 Oct 2020 13:58

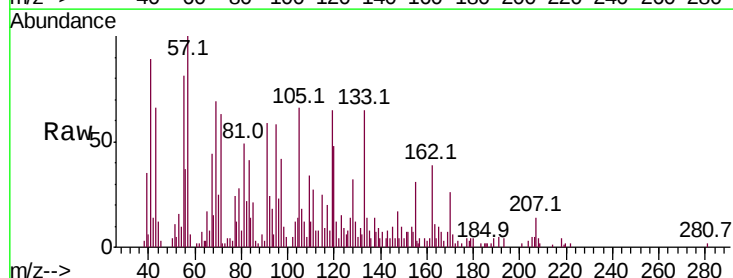
Tgt Ion:128 Resp: 4192

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

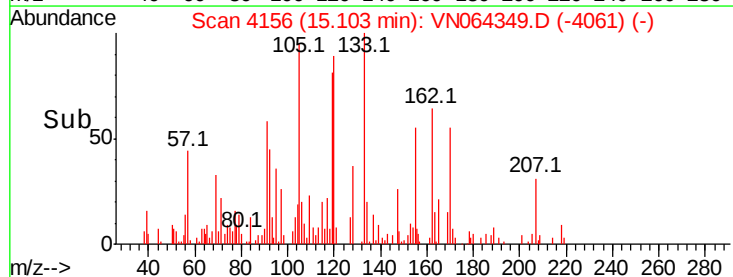
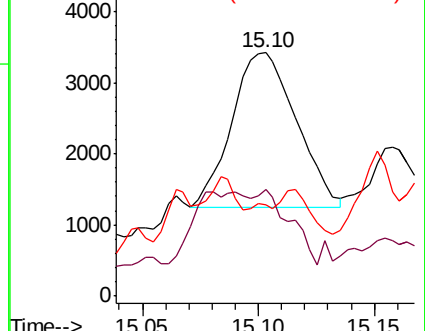
129 12.5 8.6 13.0

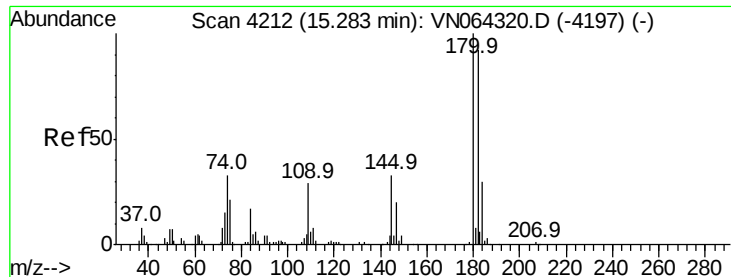


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.441 ug/l
 RT: 15.16 min Scan# 4174
 Delta R.T. -0.12 min
 Lab File: VN064349.D
 Acq: 28 Oct 2020 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132665ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.0	46.1	138.3
145	43.2	16.2	48.5

