

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064094.D
 Acq On : 12 Oct 2020 21:50
 Operator : JC/MD
 Sample : L4296-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31281

Quant Time: Oct 13 01:10:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	234686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196482	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	189283	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	141445	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
50) Toluene-d8	10.06	98	535147	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.38	95	224056	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	952	2.224	ug/l #	71
13) Acrolein	3.56	56	144	0.548	ug/l #	1
16) Acetone	3.77	43	435222	364.654	ug/l	99
17) Carbon Disulfide	4.00	76	107	0.717	ug/l #	76
18) Methyl Acetate	4.28	43	836	0.270	ug/l #	54
20) Methylene Chloride	4.50	84	782	0.384	ug/l #	43
23) Vinyl Acetate	5.86	43	2357	0.315	ug/l #	75
25) 2-Butanone	6.59	43	1399612	827.137	ug/l #	51
29) Tetrahydrofuran	7.18	42	4536	3.997	ug/l #	69
31) Cyclohexane	7.62	56	9257	2.057	ug/l #	29
36) 1,1-Dichloropropene	7.62	75	20667	4.555	ug/l #	50
37) Ethyl Acetate	6.79	43	36976	8.203	ug/l #	71
38) Carbon Tetrachloride	7.63	117	23842	4.687	ug/l #	16
39) Methylcyclohexane	9.05	83	8513	1.882	ug/l	89
40) Benzene	8.00	78	23633	1.824	ug/l	99
43) Isopropyl Acetate	8.25	43	2295	0.309	ug/l #	64
48) Methyl methacrylate	9.14	41	2485	0.677	ug/l #	32
51) 4-Methyl-2-Pentanone	9.95	43	4445	1.019	ug/l #	81
52) Toluene	10.12	92	29496	3.680	ug/l	95
55) 1,1,2-Trichloroethane	10.50	97	827	0.257	ug/l #	25
59) 2-Hexanone	10.69	43	1781	0.549	ug/l #	41
67) Ethyl Benzene	11.48	91	16488	1.007	ug/l	94
68) m/p-Xylenes	11.59	106	26723	4.377	ug/l	97
69) o-Xylene	11.92	106	10825	1.897	ug/l	95
71) Bromoform	12.37	173	566	0.214	ug/l #	30
73) Isopropylbenzene	12.22	105	3529	0.246	ug/l	98
74) N-amyl acetate	12.00	43	3711	2.748	ug/l #	47
76) 1,2,3-Trichloropropane	12.38	75	121746	28.109	ug/l #	100
78) n-propylbenzene	12.57	91	7739	0.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	14242	1.185	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.38	75	121746	80.958	ug/l #	6
83) tert-Butylbenzene	13.21	119	3182	0.324	ug/l	70
84) 1,2,4-Trimethylbenzene	13.02	105	27360	2.279	ug/l	95
95) Naphthalene	15.10	128	15948	3.371	ug/l #	89

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

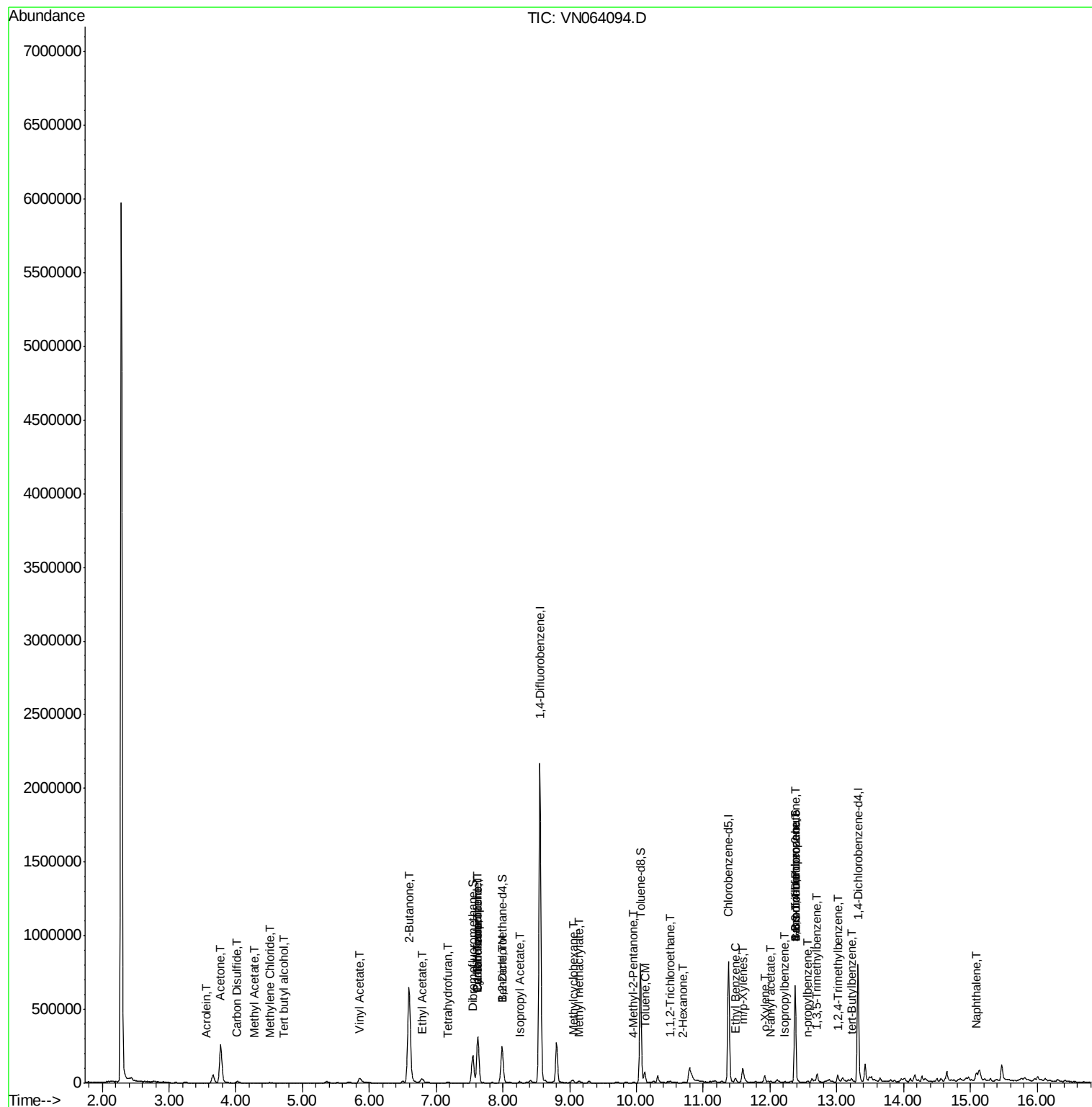
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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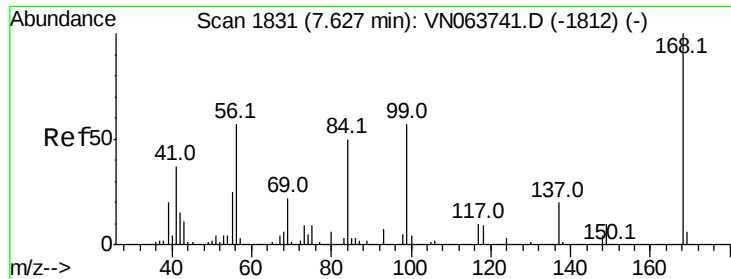
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101220\
Data File : VN064094.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

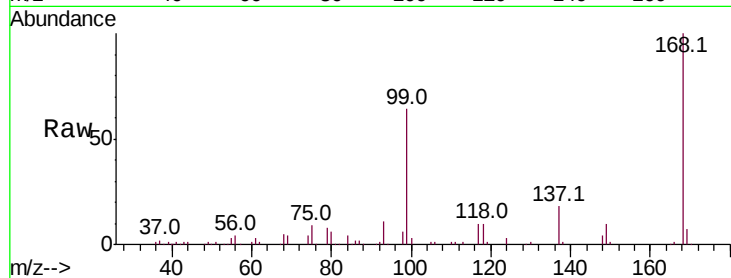
31281

Tot Ion:168 Resp: 234686

Ion Ratio Lower Upper

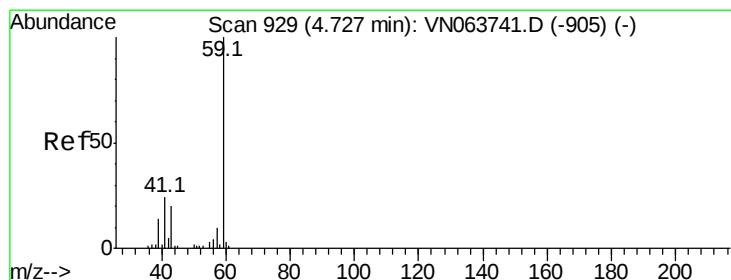
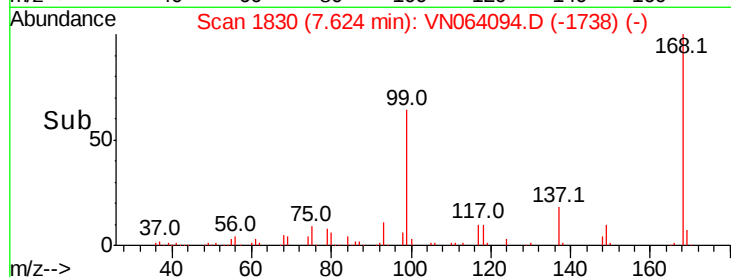
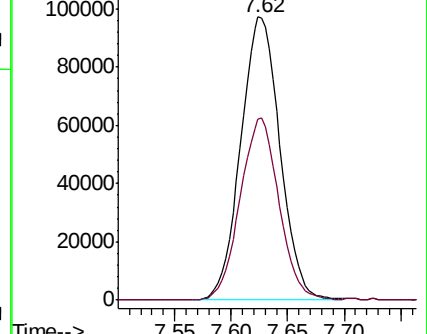
168 100

99 64.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 2.224 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN064094.D

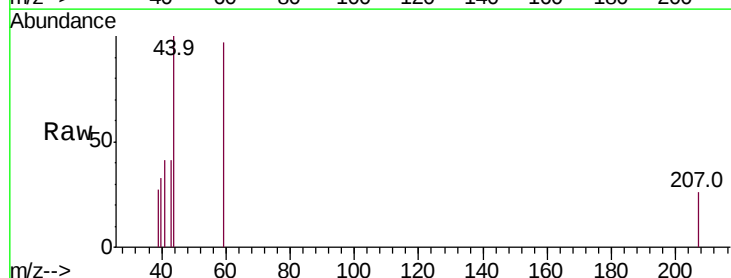
Acq: 12 Oct 2020 21:50

Tgt Ion: 59 Resp: 952

Ion Ratio Lower Upper

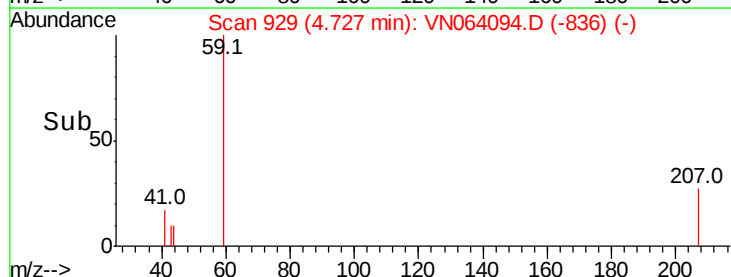
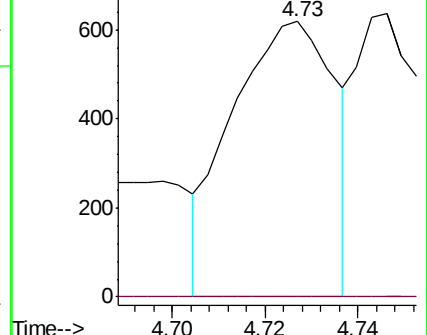
59 100

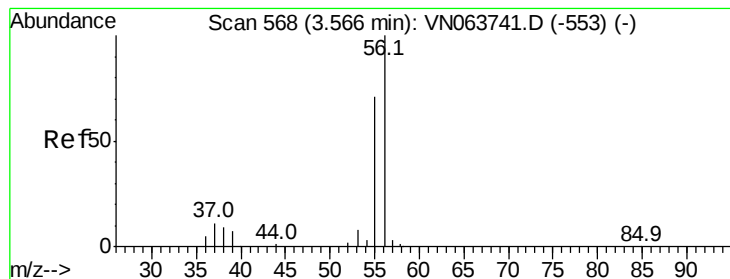
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.548 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

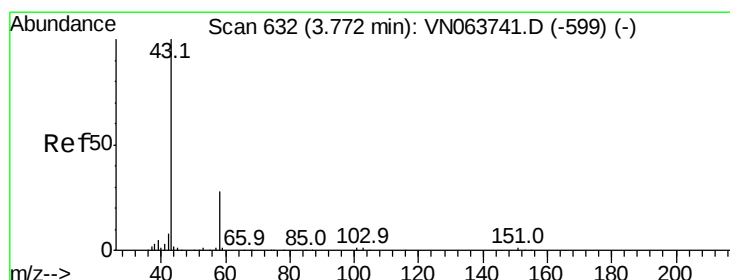
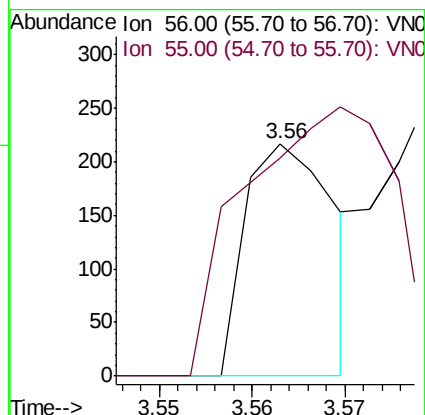
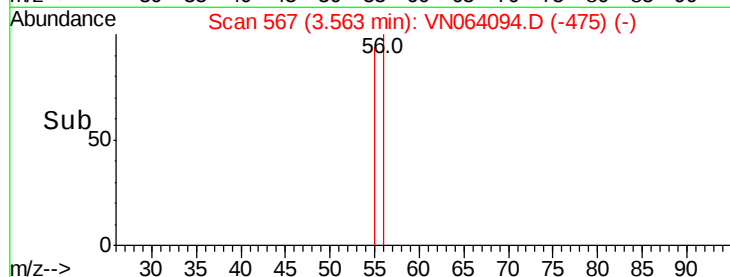
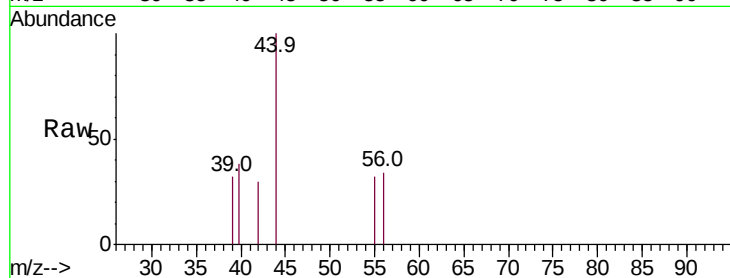
31281

Tot Ion: 56 Resp: 144

Ion Ratio Lower Upper

56 100

55 193.1 56.9 85.3#



#16

Acetone

Concen: 364.654 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064094.D

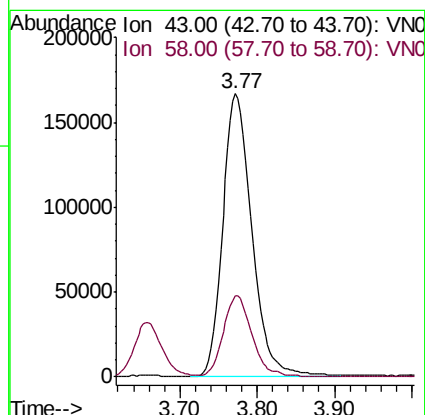
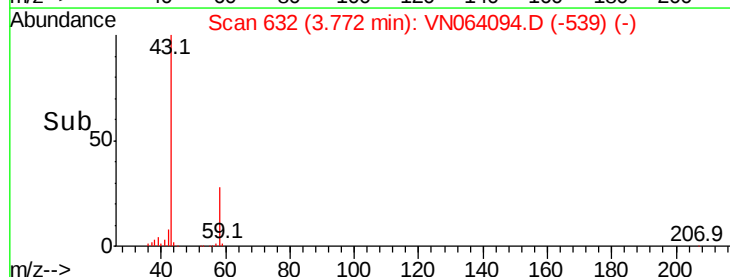
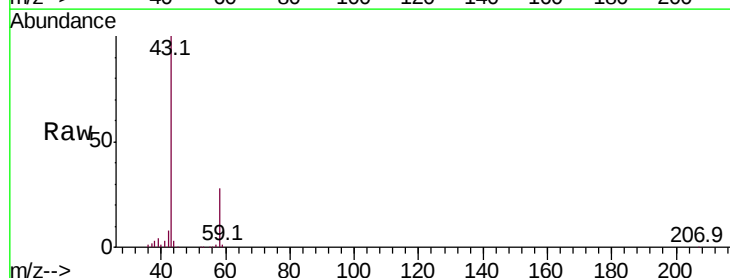
Acq: 12 Oct 2020 21:50

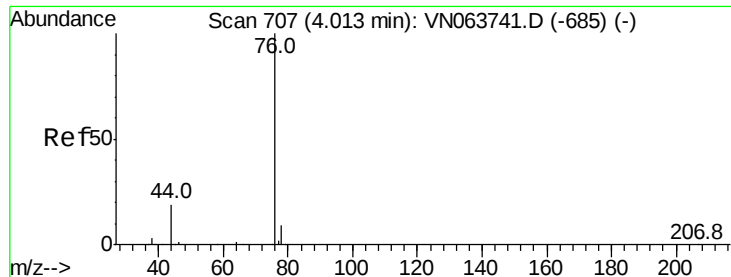
Tgt Ion: 43 Resp: 435222

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5





#17

Carbon Disulfide

Concen: 0.717 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.01 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

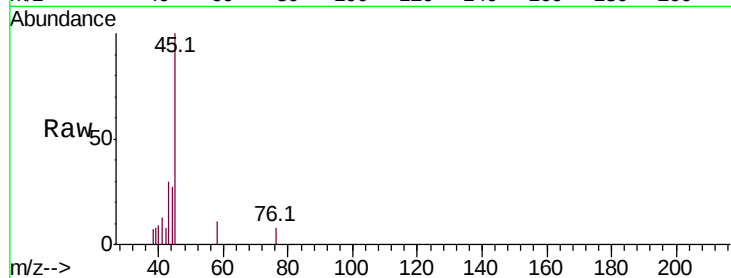
31281

Tot Ion: 76 Resp: 107

Ion Ratio Lower Upper

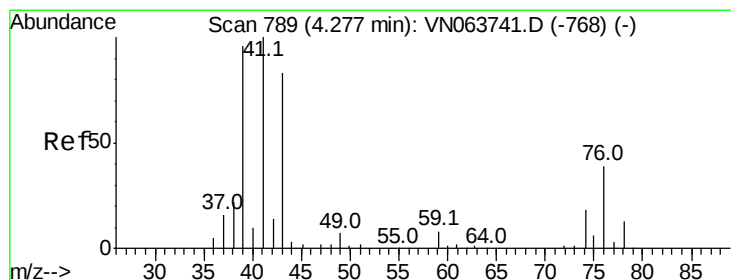
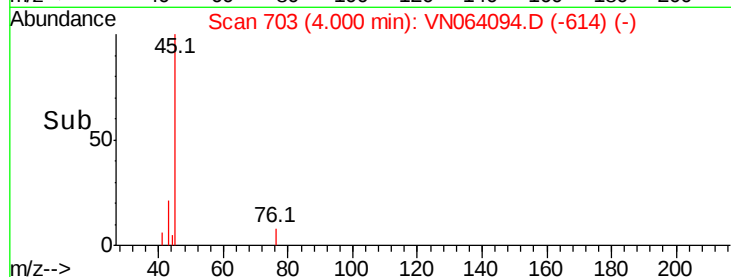
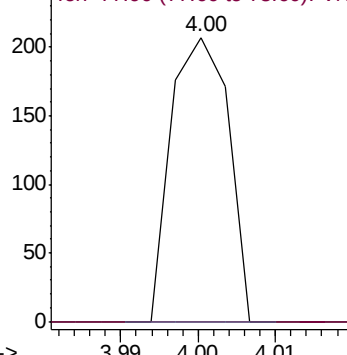
76 100

78 0.0 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.270 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064094.D

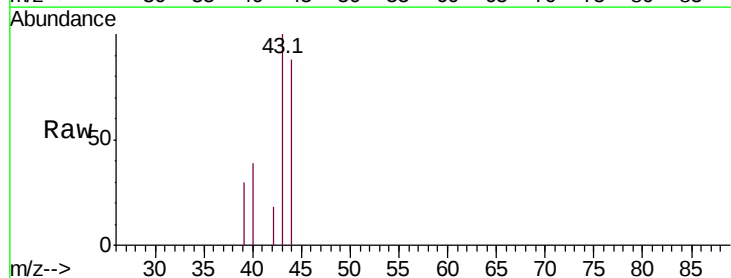
Acq: 12 Oct 2020 21:50

Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

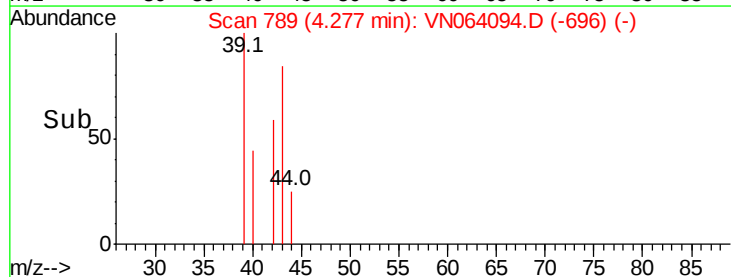
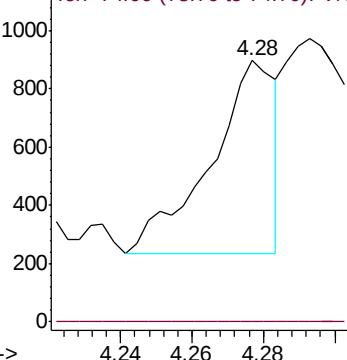
43 100

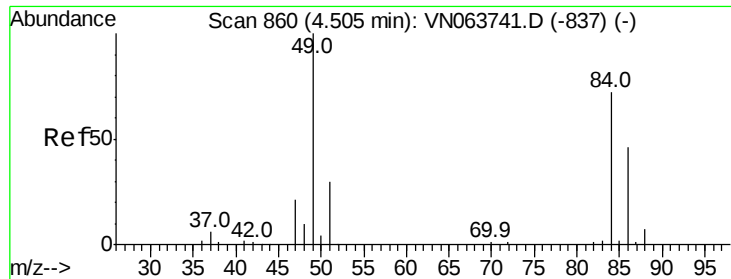
74 0.0 17.4 26.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 0.384 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.01 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

Tot Ion: 84 Resp: 782

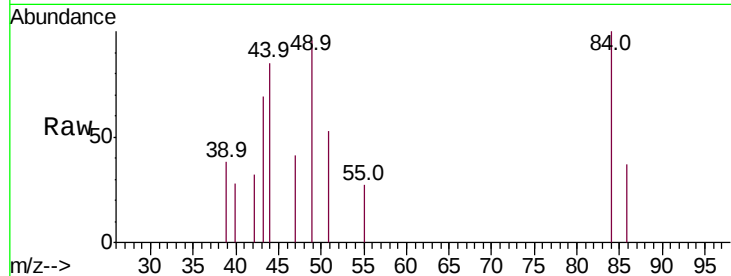
Ion Ratio Lower Upper

84 100

49 47.2 110.4 165.6#

51 23.7 33.3 49.9#

86 36.6 50.7 76.1#

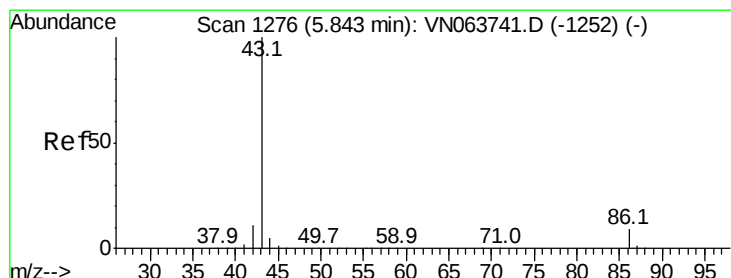
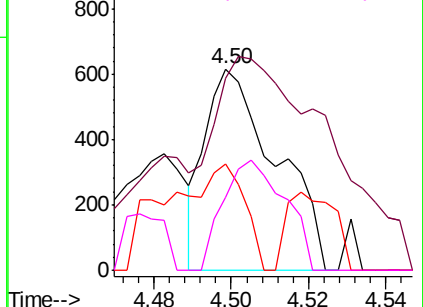
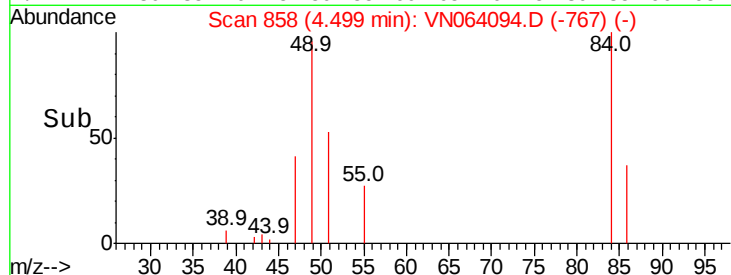


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#23

Vinyl Acetate

Concen: 0.315 ug/l

RT: 5.86 min Scan# 1280

Delta R.T. 0.01 min

Lab File: VN064094.D

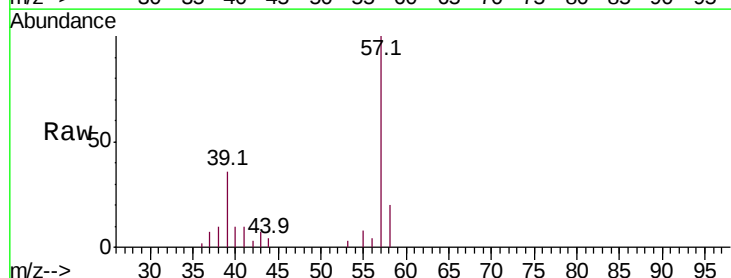
Acq: 12 Oct 2020 21:50

Tgt Ion: 43 Resp: 2357

Ion Ratio Lower Upper

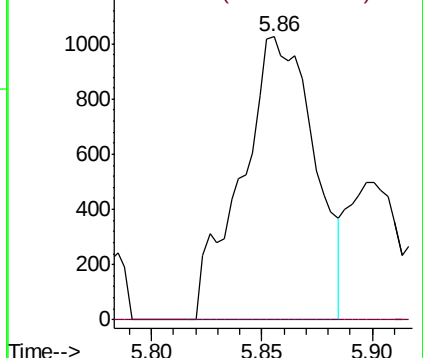
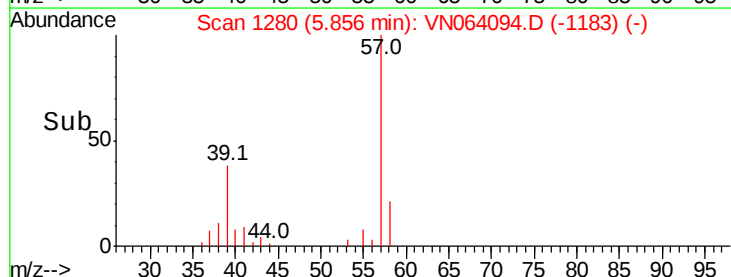
43 100

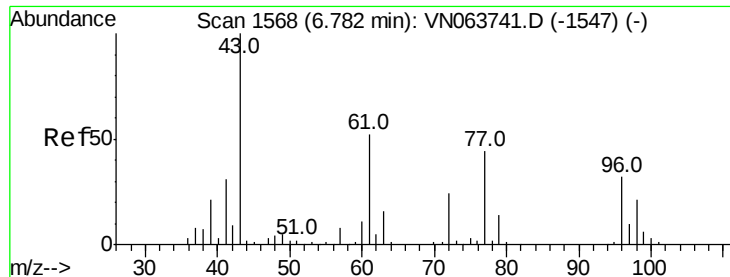
86 0.0 7.3 10.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

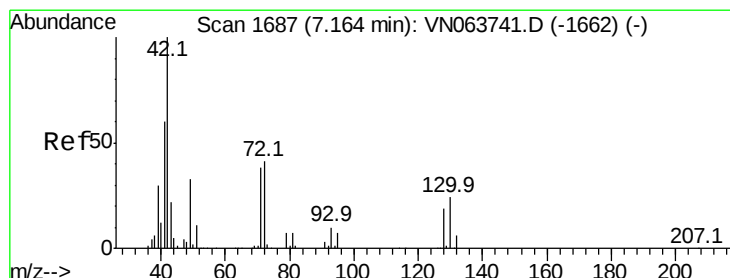
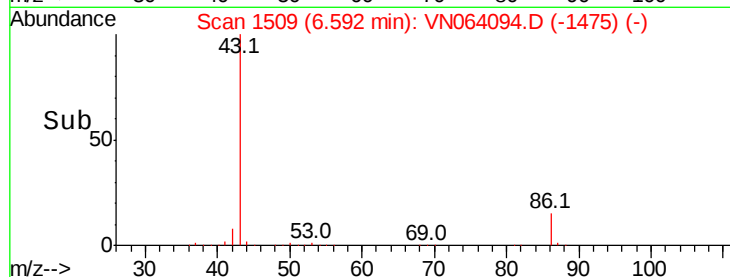
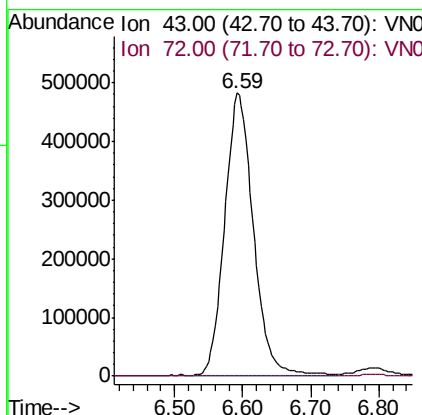
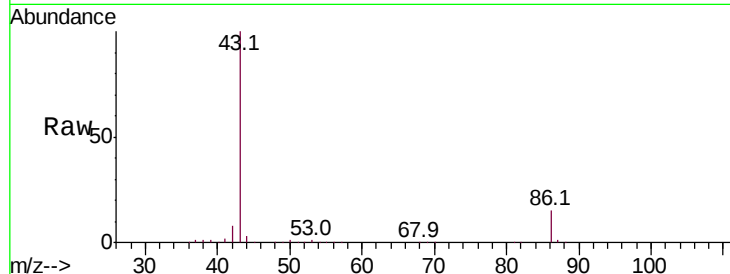




#25
2-Butanone
Concen: 827.137 ug/l
RT: 6.59 min Scan# 1509
Delta R.T. -0.19 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

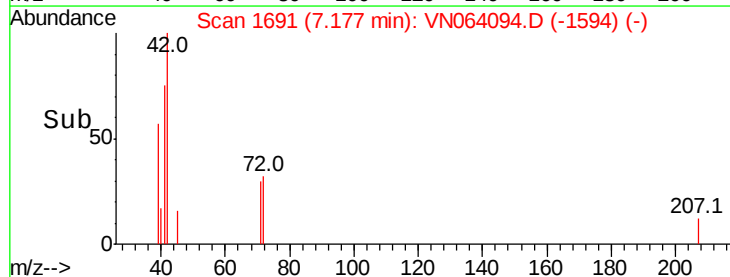
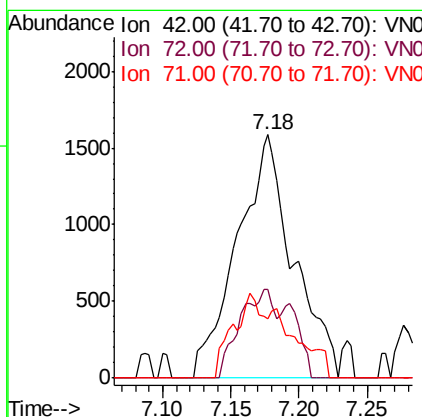
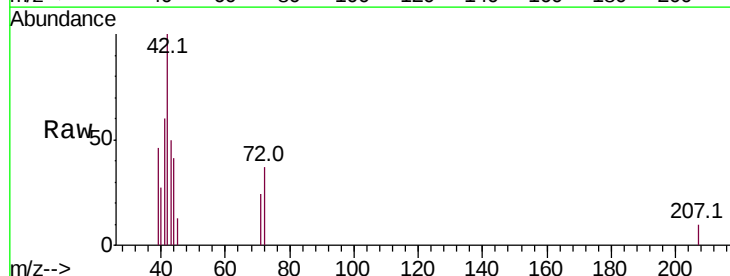
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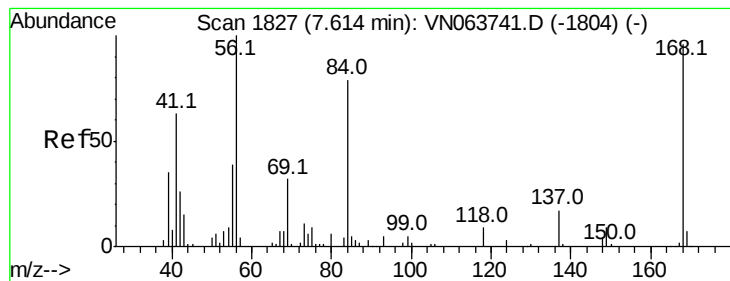
Tot Ion: 43 Resp: 1399612
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 3.997 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 42 Resp: 4536
Ion Ratio Lower Upper
42 100
72 22.6 32.8 49.2#
71 19.0 30.6 45.8#





#31

Cyclohexane

Concen: 2.057 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

31281

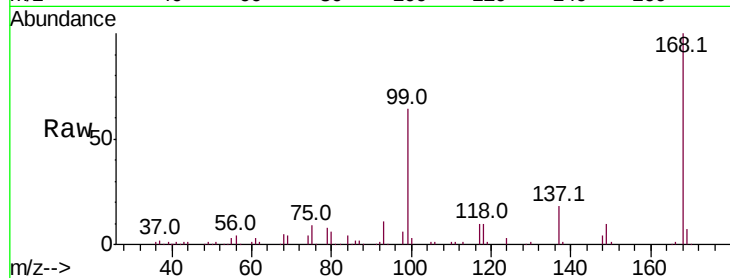
Tot Ion: 56 Resp: 9257

Ion Ratio Lower Upper

56 100

69 120.3 25.4 38.2#

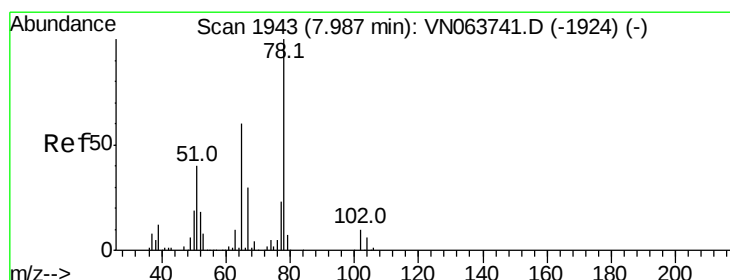
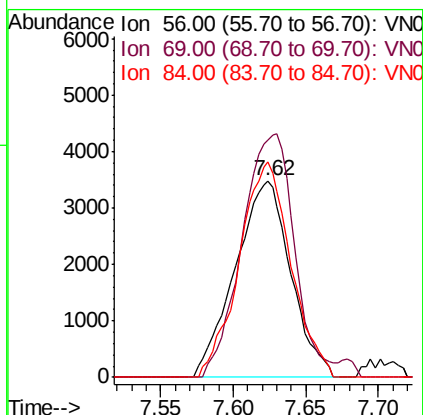
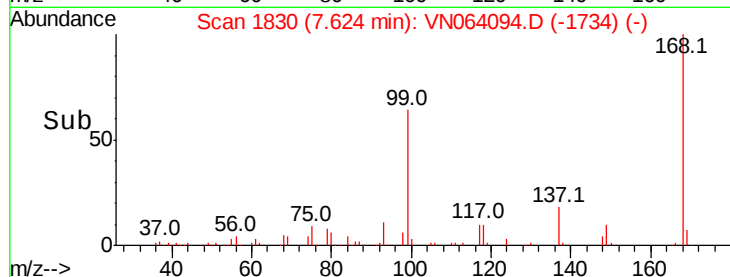
84 109.7 63.3 94.9#



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: 48.820 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064094.D

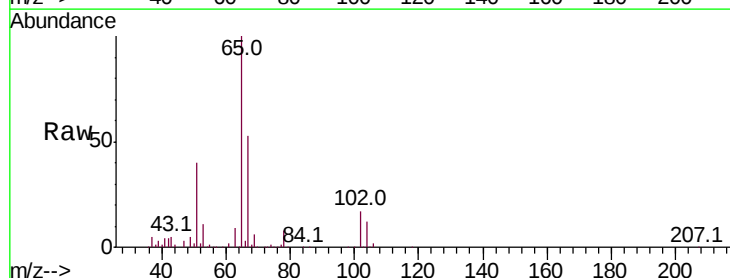
Acq: 12 Oct 2020 21:50

Tgt Ion: 65 Resp: 189283

Ion Ratio Lower Upper

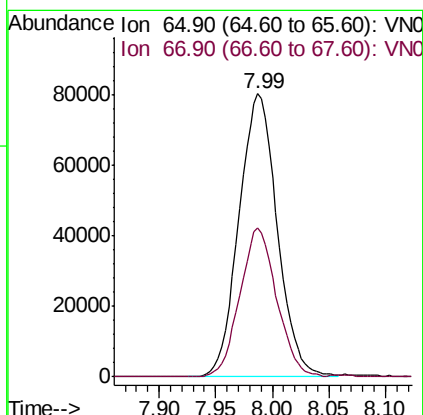
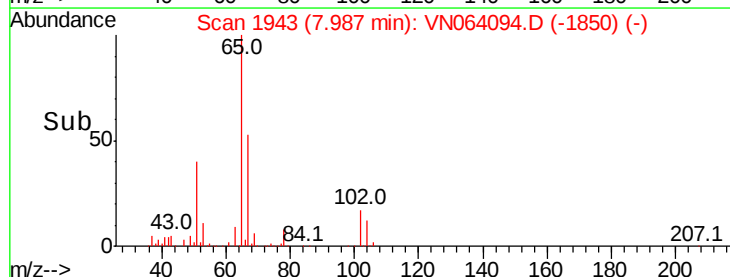
65 100

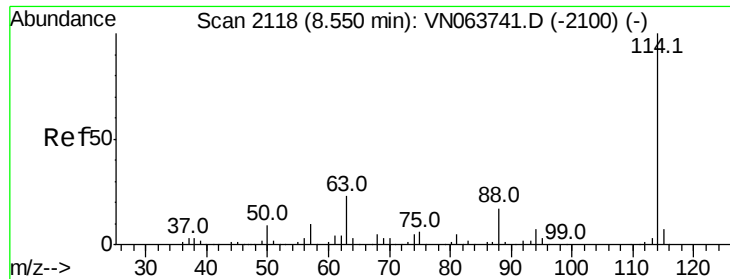
67 50.7 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

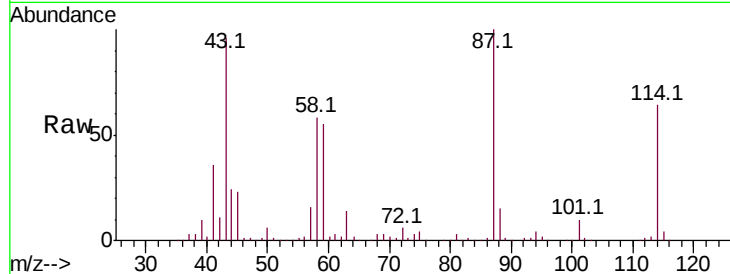




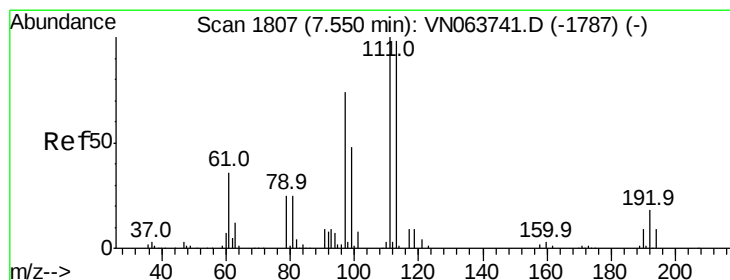
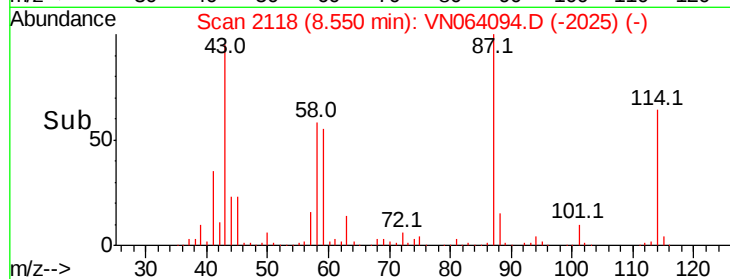
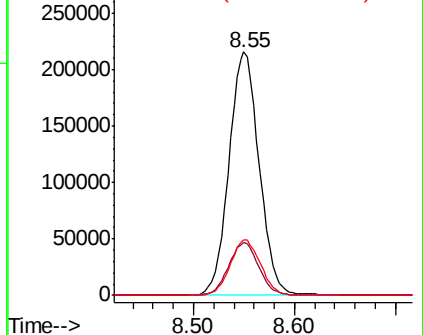
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Instrument :
 MSVOA_N
 ClientSampled :
 31281

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.0
88	23.0	0.0	34.0

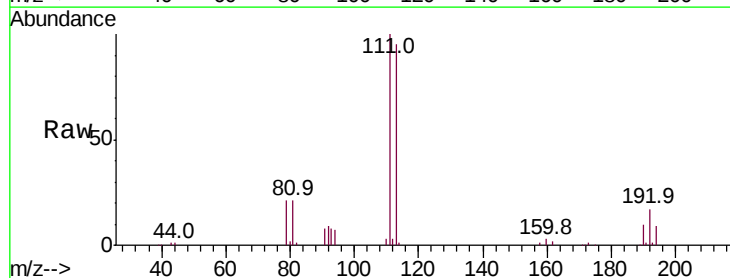


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

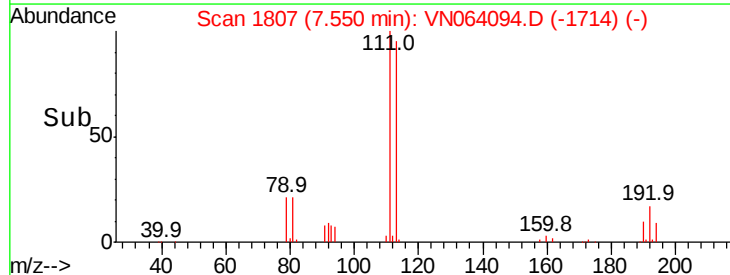
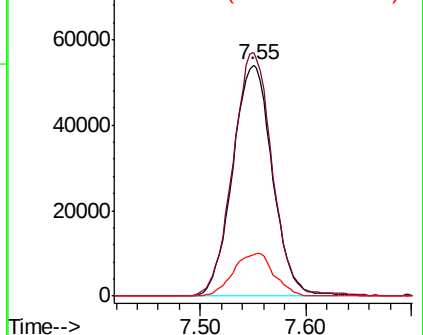


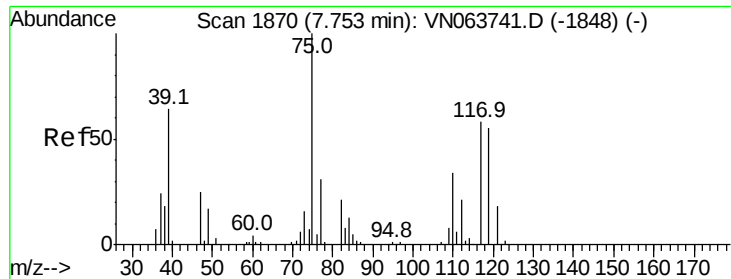
#35
 Dibromofluoromethane
 Concen: 45.520 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	18.9	14.2	21.2



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

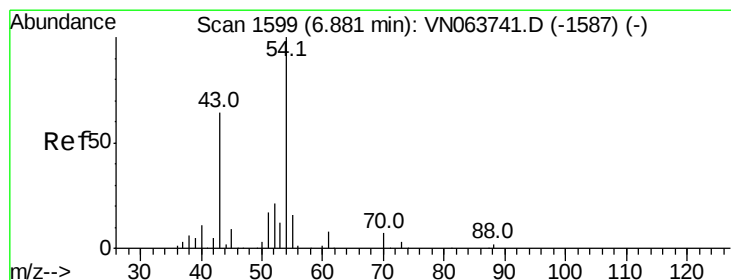
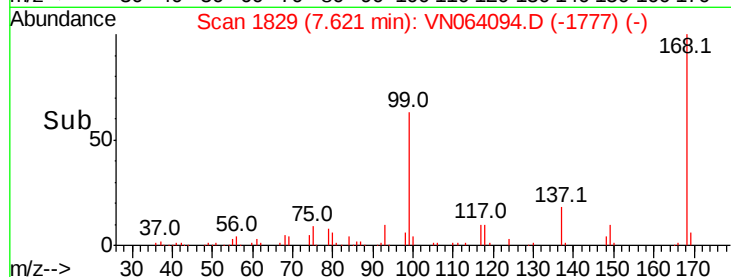
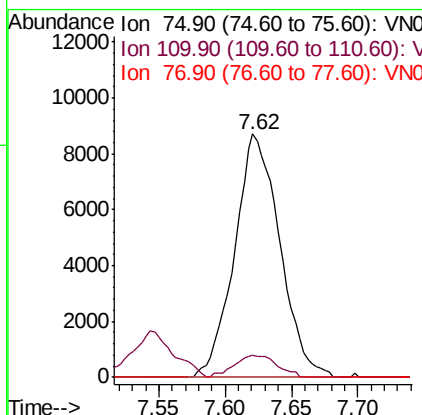
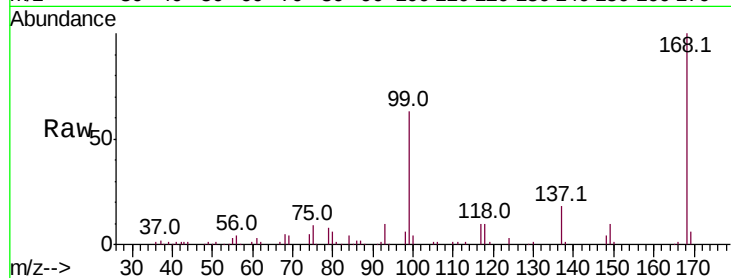




#36
 1,1-Dichloropropene
 Concen: 4.555 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

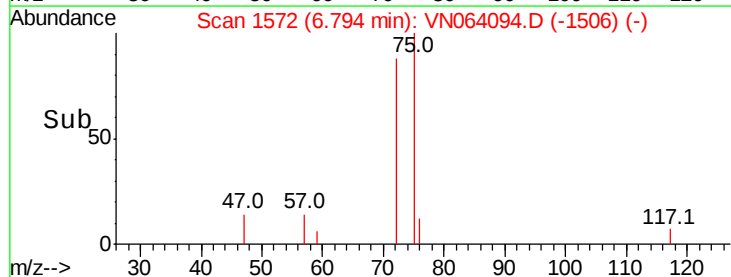
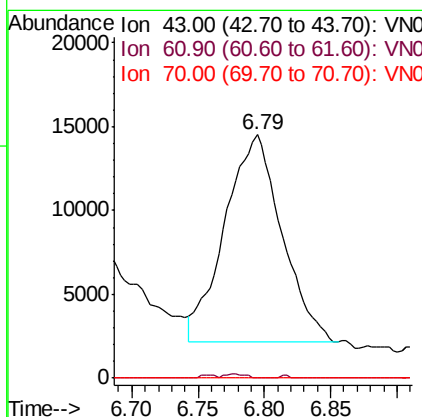
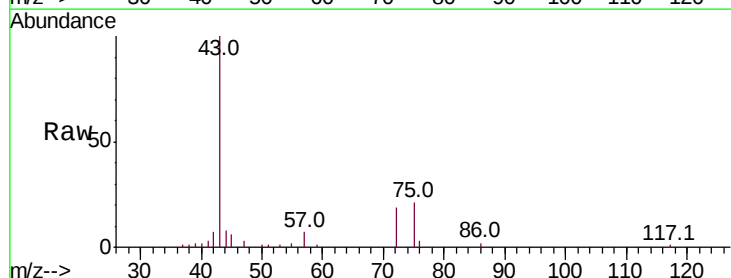
Instrument :
 MSVOA_N
 ClientSampleId :
 31281

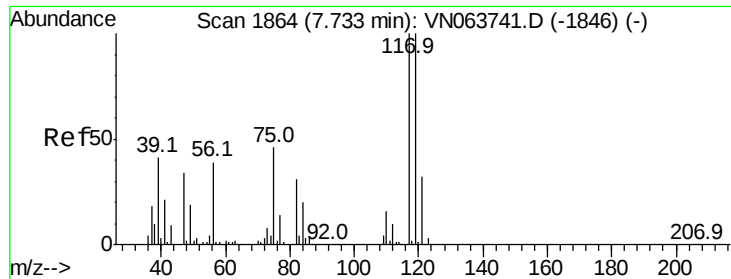
Tot Ion: 75 Resp: 20667
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.9 50.6#
 77 0.0 24.5 36.7#



#37
 Ethyl Acetate
 Concen: 8.203 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. -0.09 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Tgt Ion: 43 Resp: 36976
 Ion Ratio Lower Upper
 43 100
 61 0.7 10.4 15.6#
 70 0.0 7.3 10.9#

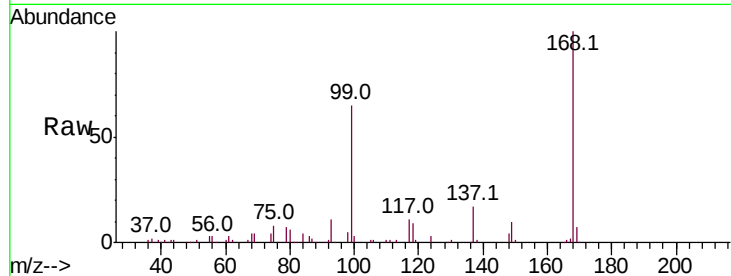




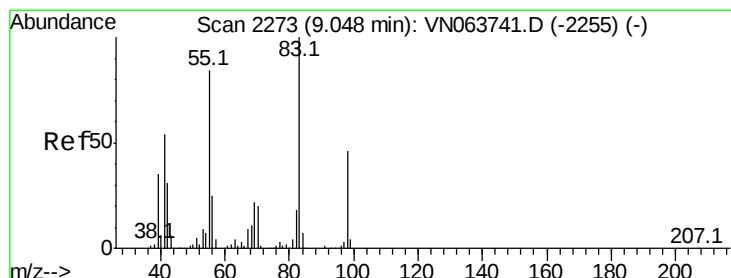
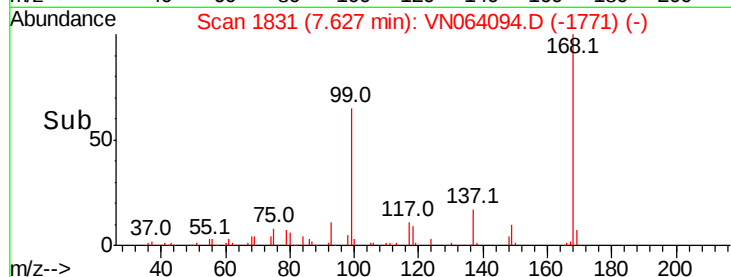
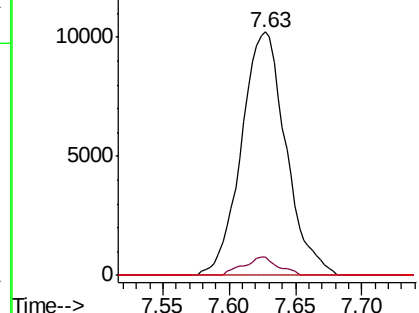
#38
Carbon Tetrachloride
Concen: 4.687 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

Tot Ion:117 Resp: 23842
Ion Ratio Lower Upper
117 100
119 7.3 80.1 120.1#
121 0.0 25.7 38.5#

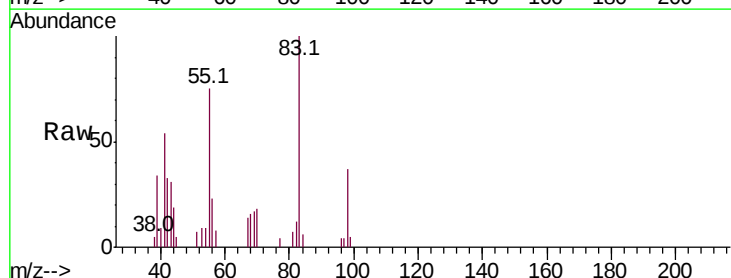


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

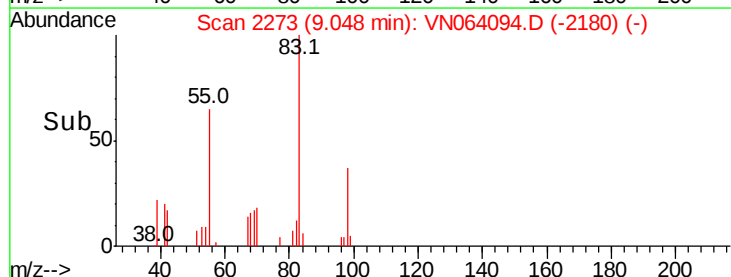
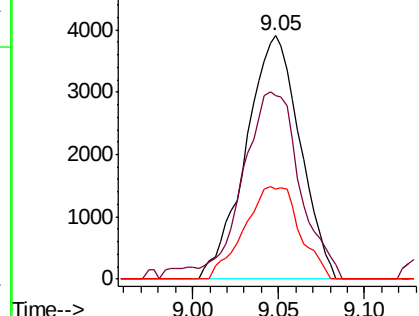


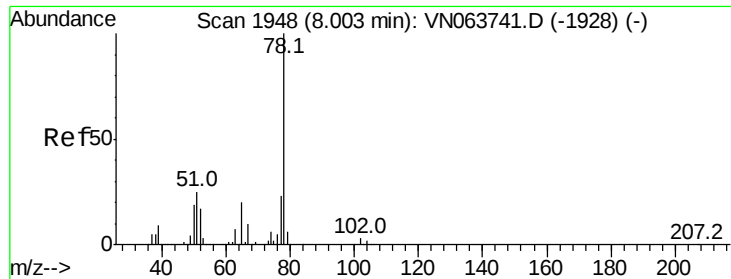
#39
Methylcyclohexane
Concen: 1.882 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 83 Resp: 8513
Ion Ratio Lower Upper
83 100
55 75.2 67.1 100.7
98 37.1 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 1.824 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

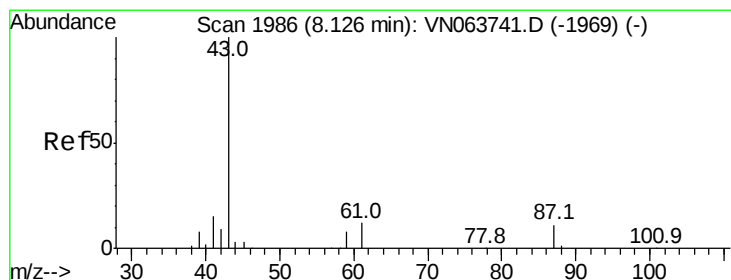
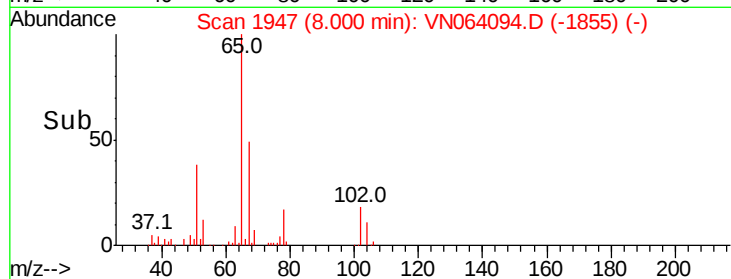
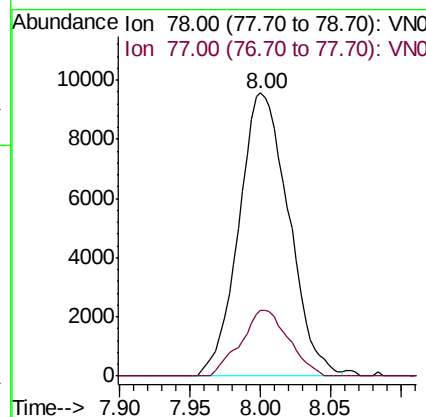
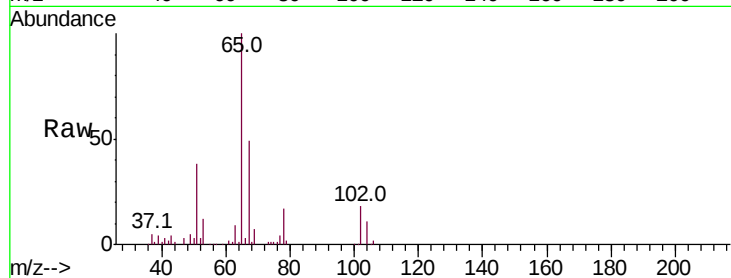
31281

Tot Ion: 78 Resp: 23633

Ion Ratio Lower Upper

78 100

77 23.2 18.7 28.1



#43

Isopropyl Acetate

Concen: 0.309 ug/l

RT: 8.25 min Scan# 2025

Delta R.T. 0.13 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

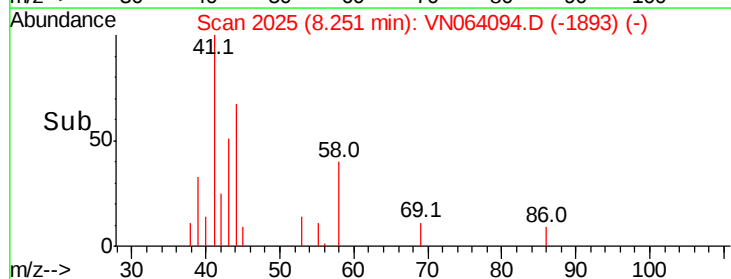
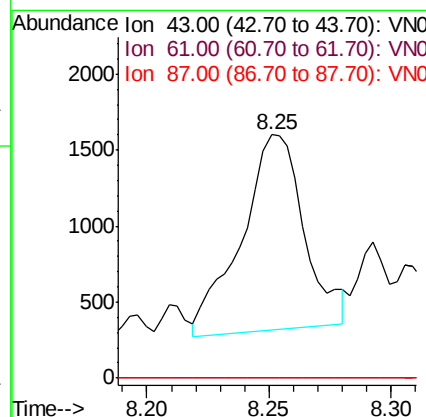
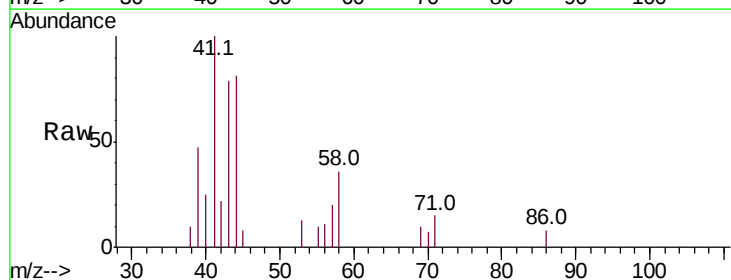
Tgt Ion: 43 Resp: 2295

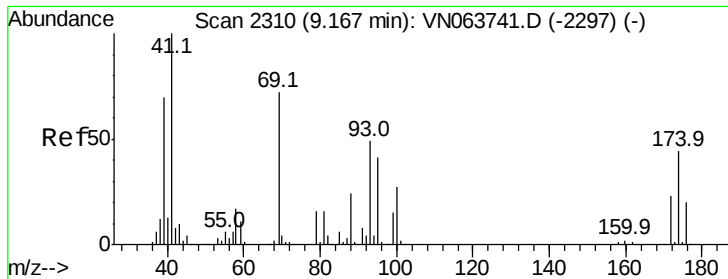
Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.4#

87 0.0 9.0 13.6#





#48

Methvl methacrylate

Concen: 0.677 ug/l

RT: 9.14 min Scan# 2300

Delta R.T. -0.03 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

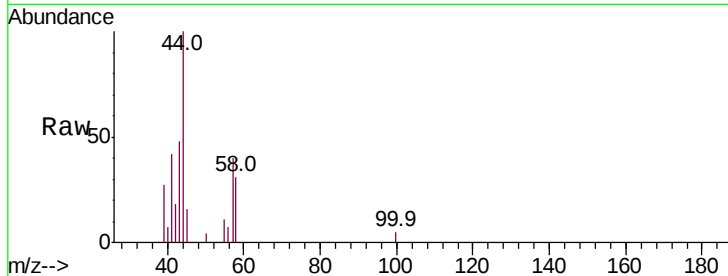
Tot Ion: 41 Resp: 2485

Ion Ratio Lower Upper

41 100

69 0.0 60.9 91.3#

39 33.8 57.5 86.3#



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

2000

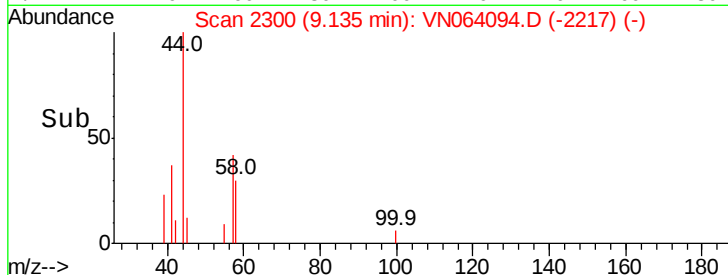
1500

1000

500

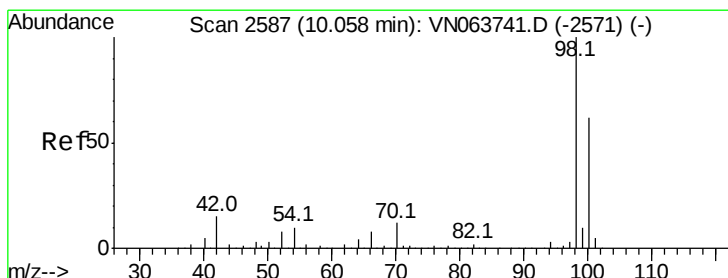
0

Time-->



9.14

9.10 9.15 9.20



#50

Toluene-d8

Concen: 45.431 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064094.D

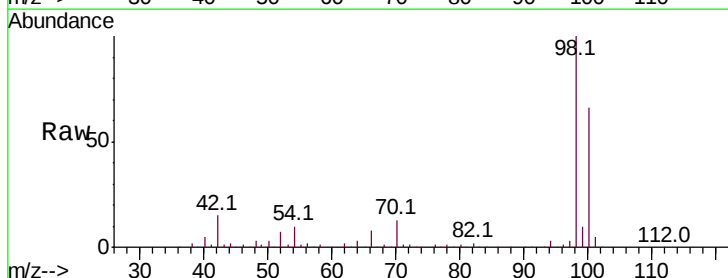
Acq: 12 Oct 2020 21:50

Tgt Ion: 98 Resp: 535147

Ion Ratio Lower Upper

98 100

100 64.3 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

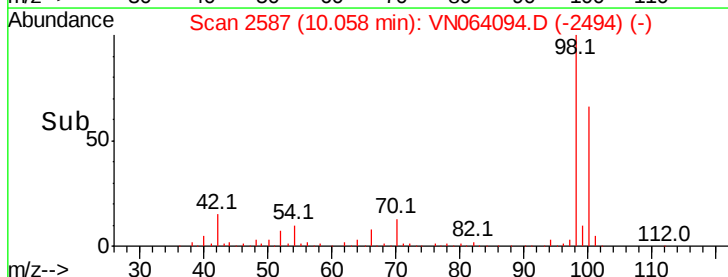
300000

200000

100000

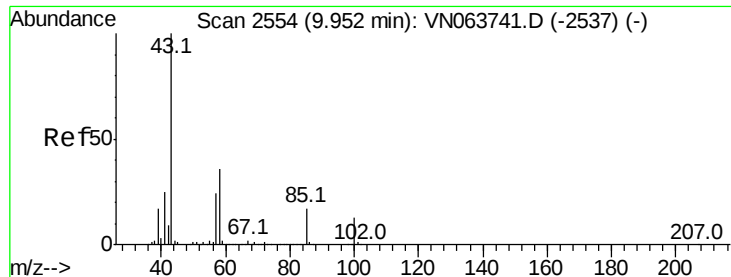
0

Time-->



10.06

10.00 10.05 10.10 10.15



#51

4-Methyl-2-Pentanone

Concen: 1.019 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

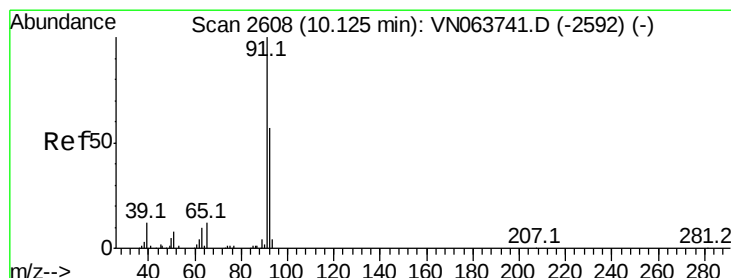
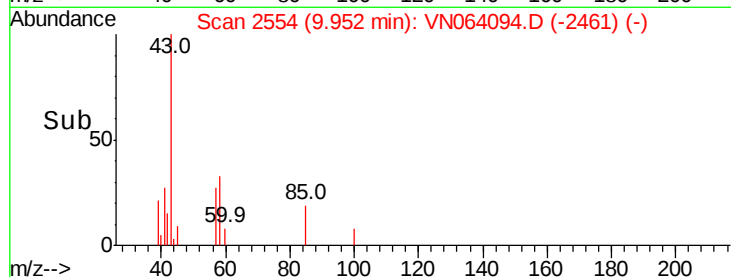
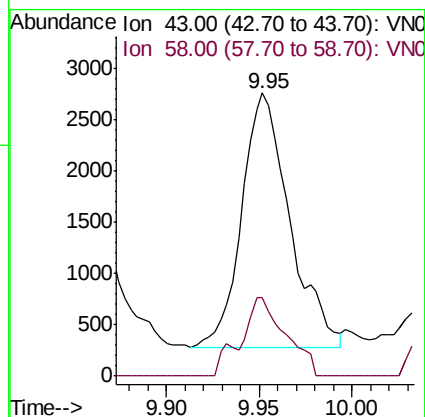
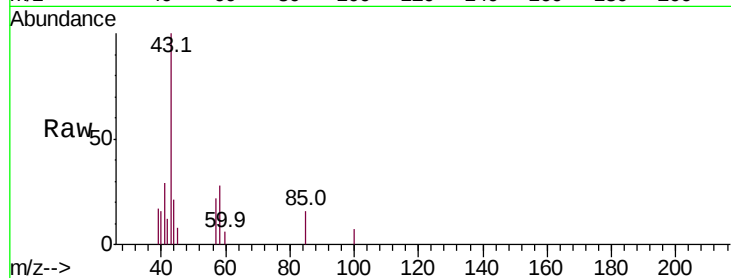
31281

Tot Ion: 43 Resp: 4445

Ion Ratio Lower Upper

43 100

58 24.1 28.4 42.6#



#52

Toluene

Concen: 3.680 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064094.D

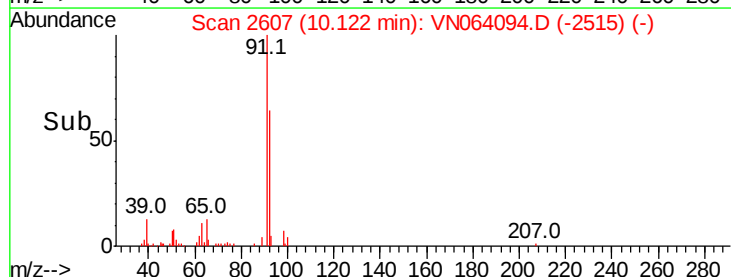
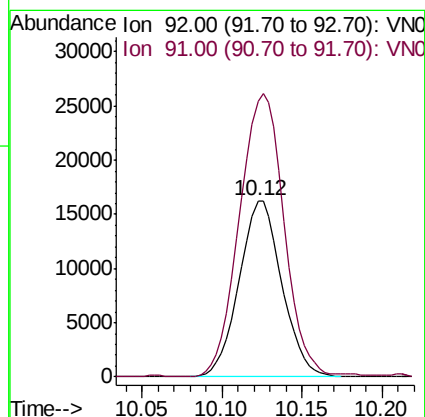
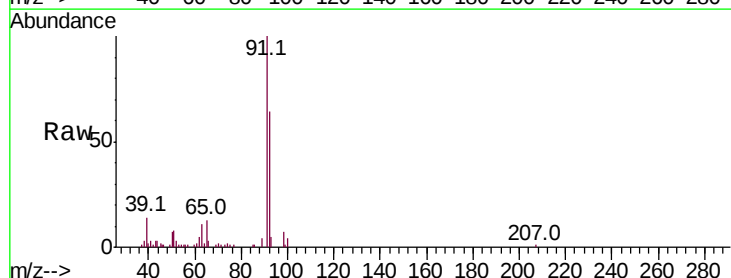
Acq: 12 Oct 2020 21:50

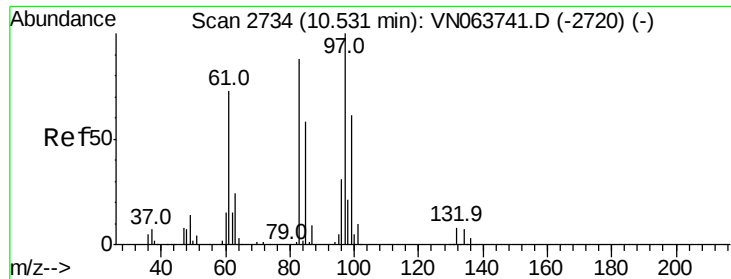
Tgt Ion: 92 Resp: 29496

Ion Ratio Lower Upper

92 100

91 168.6 140.6 210.8

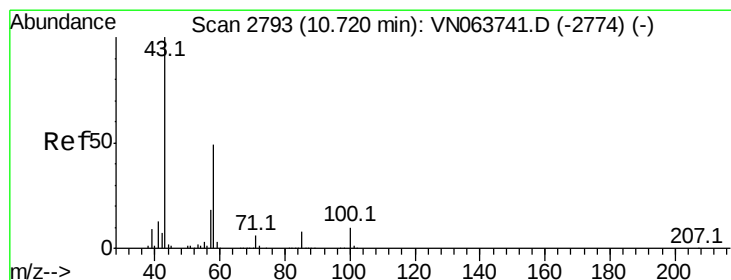
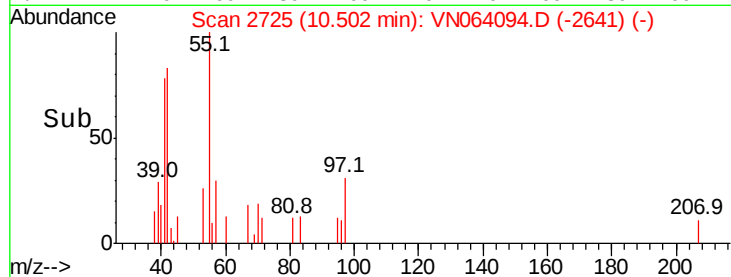
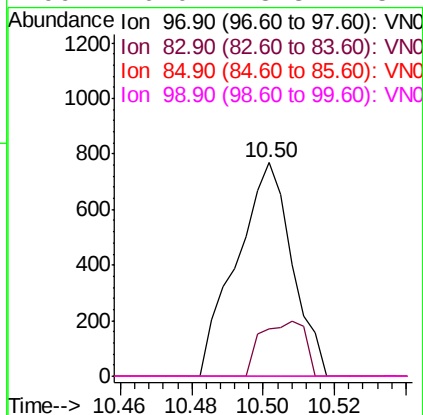
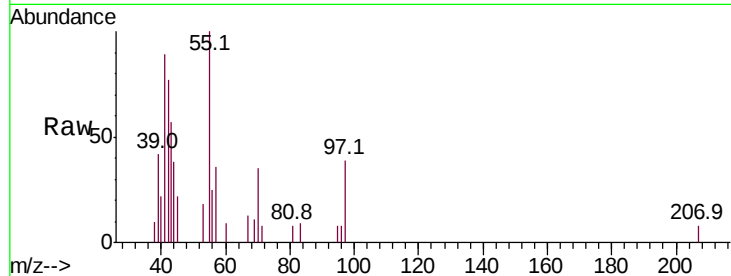




#55
 1,1,2-Trichloroethane
 Concen: 0.257 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

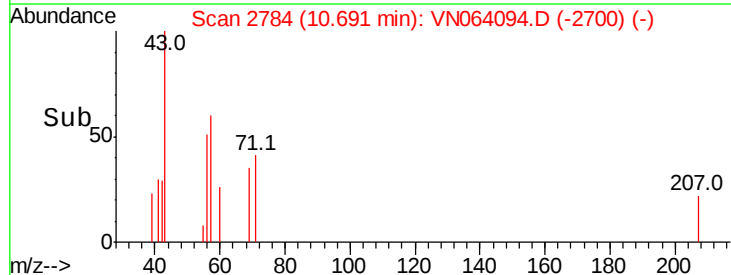
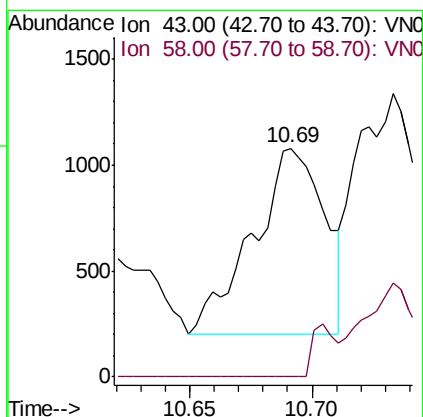
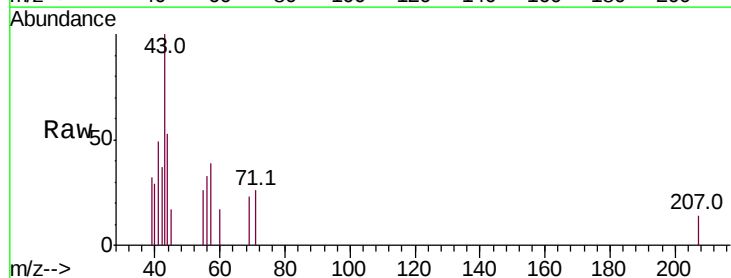
Instrument :
 MSVOA_N
 ClientSampleId :
 31281

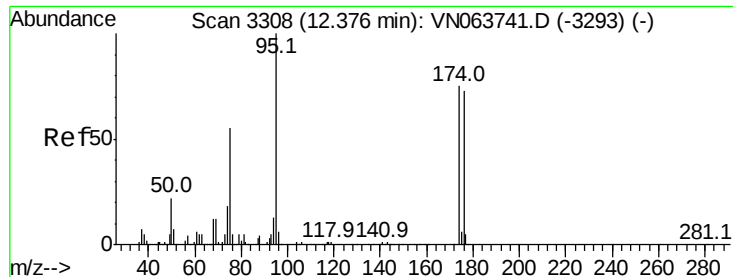
Tot Ion: 97 Resp: 827
 Ion Ratio Lower Upper
 97 100
 83 22.4 70.7 106.1#
 85 0.0 46.1 69.1#
 99 0.0 48.8 73.2#



#59
 2-Hexanone
 Concen: 0.549 ug/l
 RT: 10.69 min Scan# 2784
 Delta R.T. -0.03 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Tgt Ion: 43 Resp: 1781
 Ion Ratio Lower Upper
 43 100
 58 9.0 24.6 73.8#





#62

4-Bromofluorobenzene

Concen: 50.600 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

31281

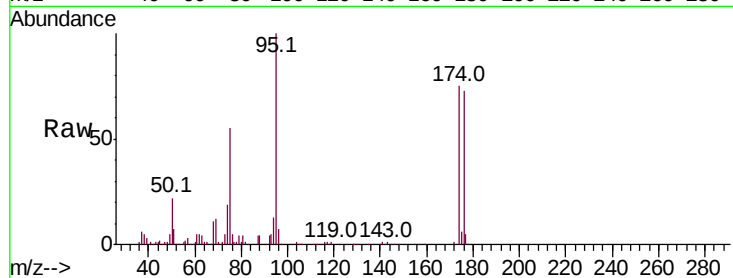
Tot Ion: 95 Resp: 224056

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

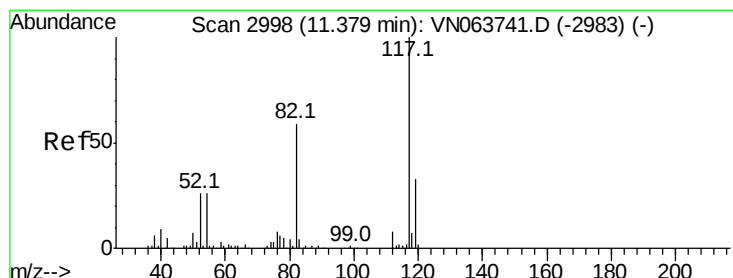
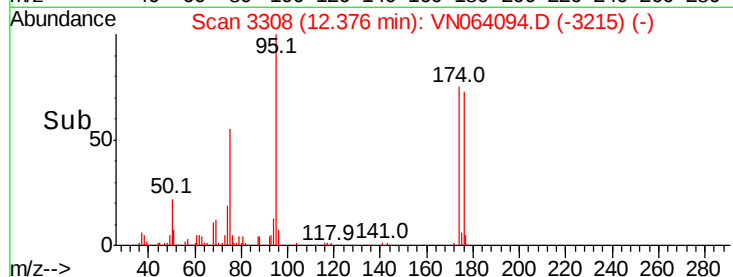
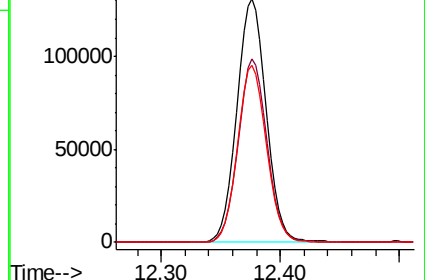
176 71.5 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

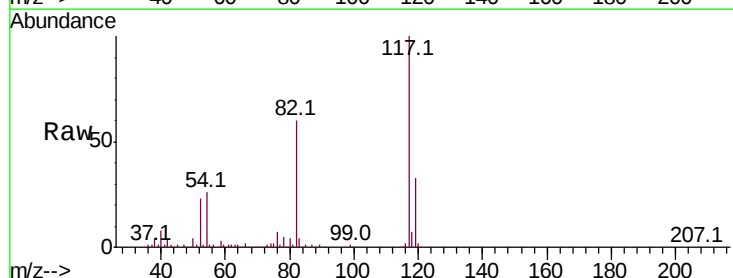
Tgt Ion: 117 Resp: 438823

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

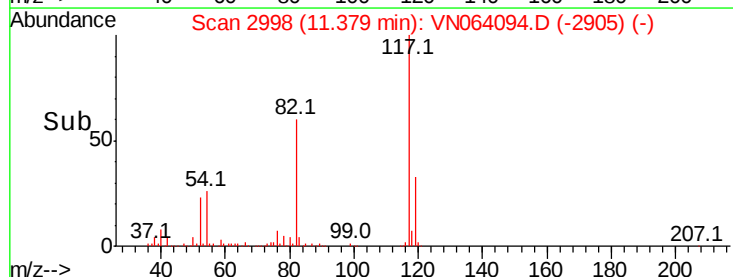
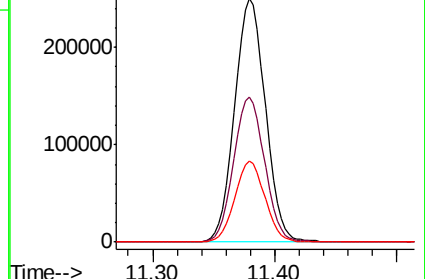
119 33.0 26.4 39.6

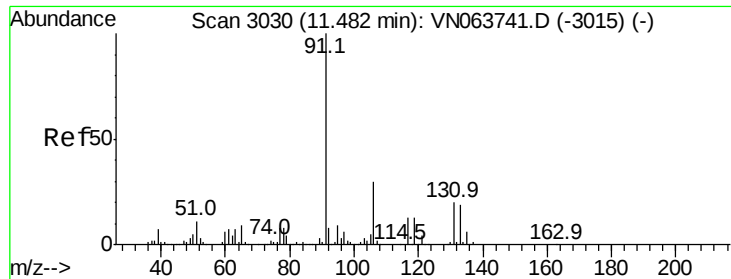


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

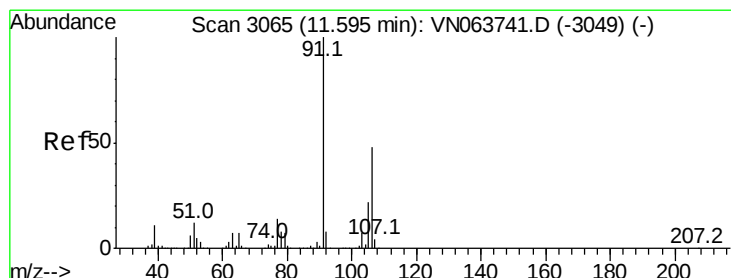
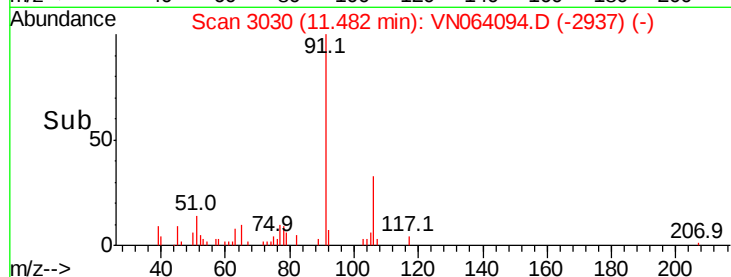
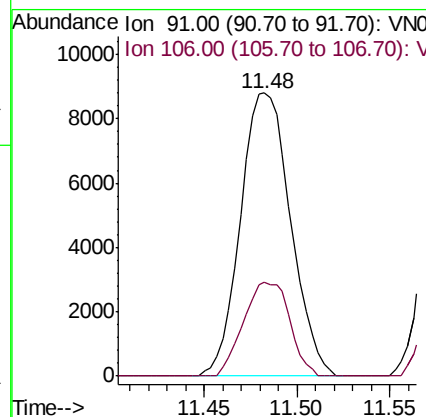
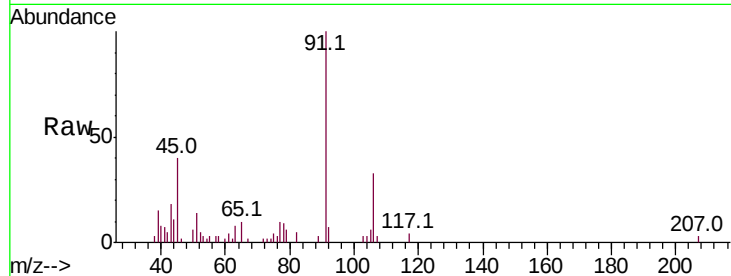




#67
Ethyl Benzene
Concen: 1.007 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

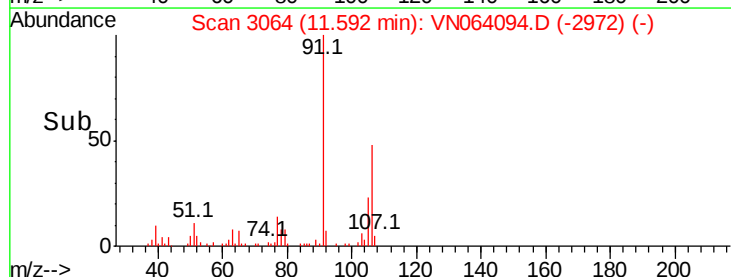
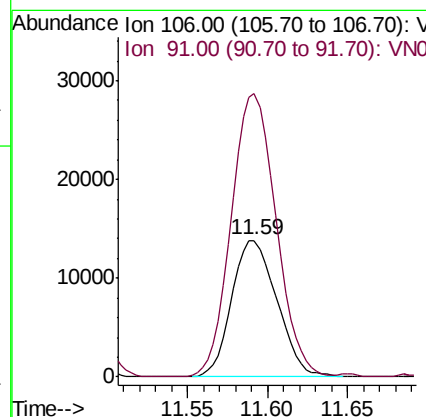
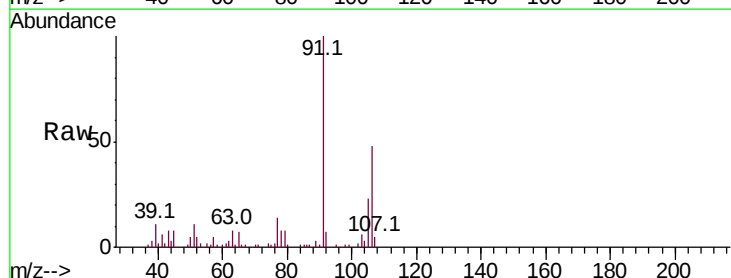
Instrument :
MSVOA_N
ClientSampled :
31281

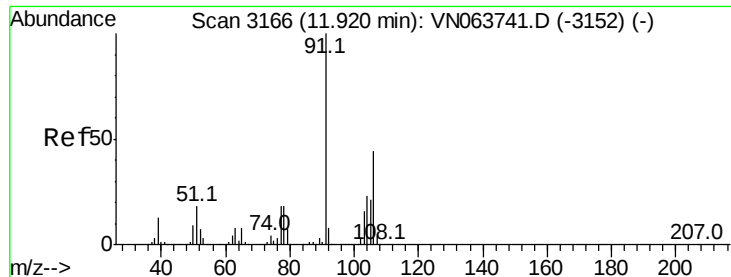
Tot Ion: 91 Resp: 16488
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.2



#68
m/p-Xylenes
Concen: 4.377 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 106 Resp: 26723
Ion Ratio Lower Upper
106 100
91 205.5 168.0 252.0

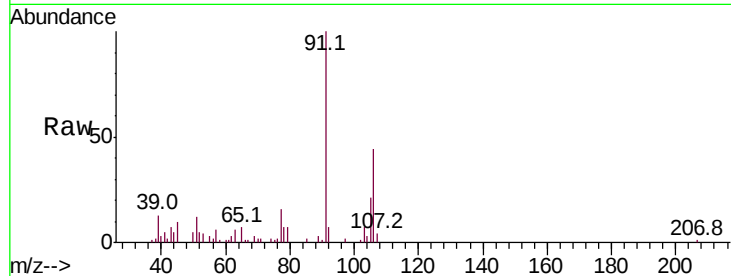




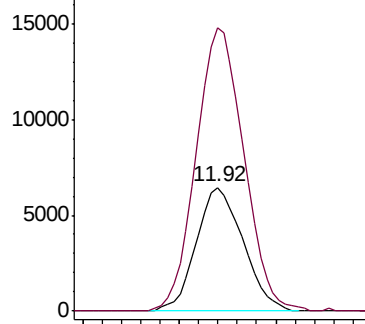
#69
o-Xylene
Concen: 1.897 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampled :
31281

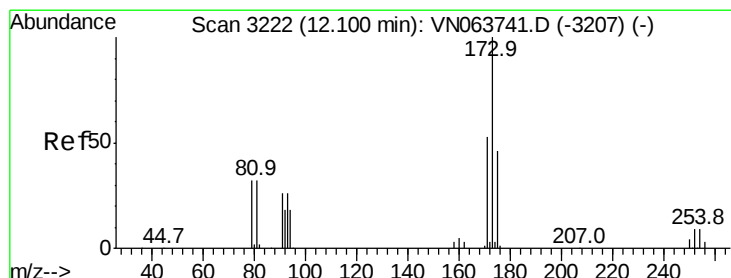
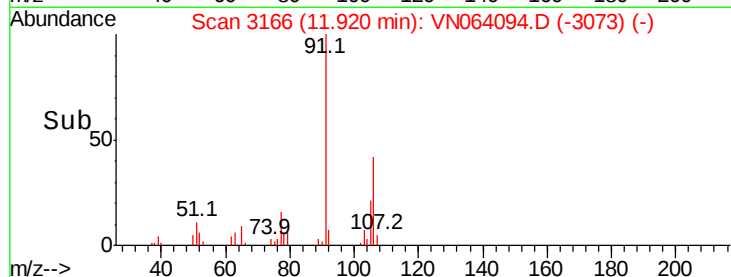
Tot Ion:106 Resp: 10825
Ion Ratio Lower Upper
106 100
91 233.9 112.7 338.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

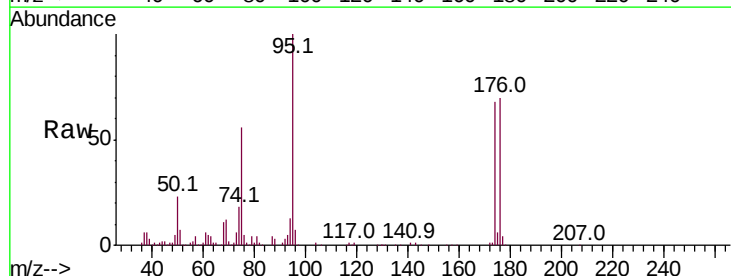


Time--> 11.85 11.90 11.95

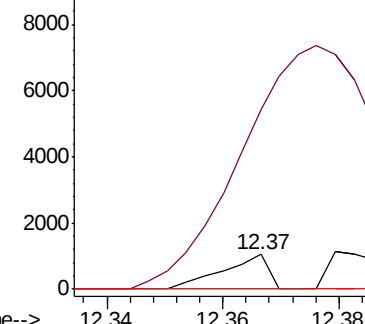


#71
Bromoform
Concen: 0.214 ug/l
RT: 12.37 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

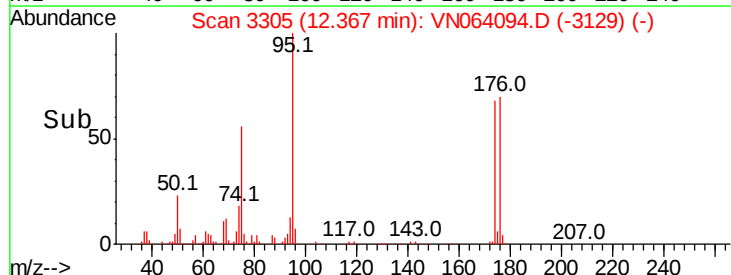
Tgt Ion:173 Resp: 566
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.5#
254 0.0 0.0 0.0

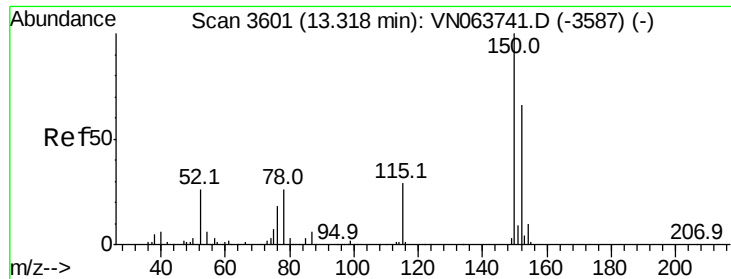


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time--> 12.34 12.36 12.38





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampled :

31281

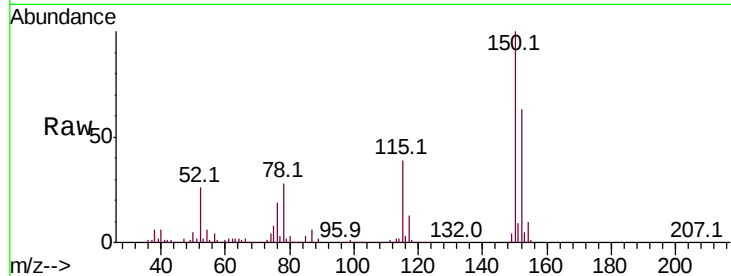
Tot Ion:152 Resp: 196482

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 158.1 0.0 341.8

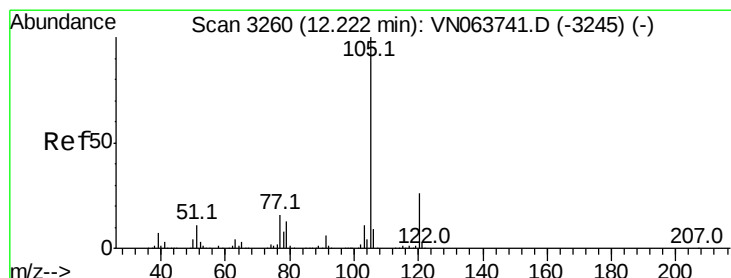
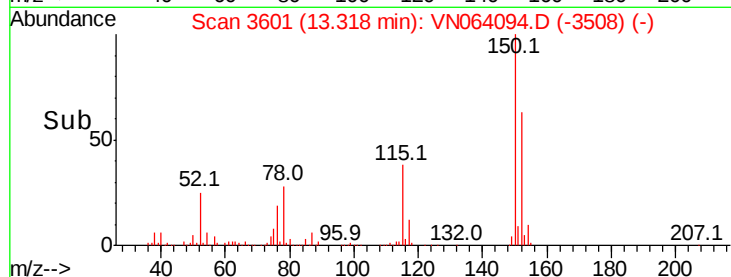
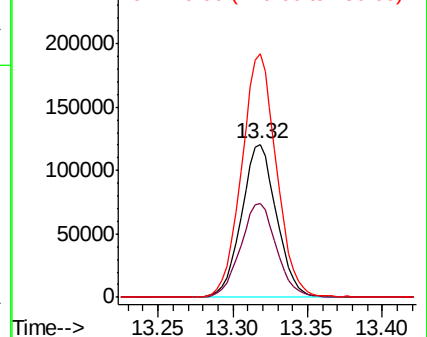


Abundance

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



#73

Isopropylbenzene

Concen: 0.246 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064094.D

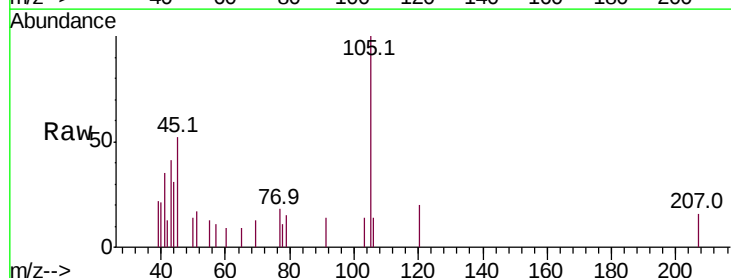
Acq: 12 Oct 2020 21:50

Tgt Ion:105 Resp: 3529

Ion Ratio Lower Upper

105 100

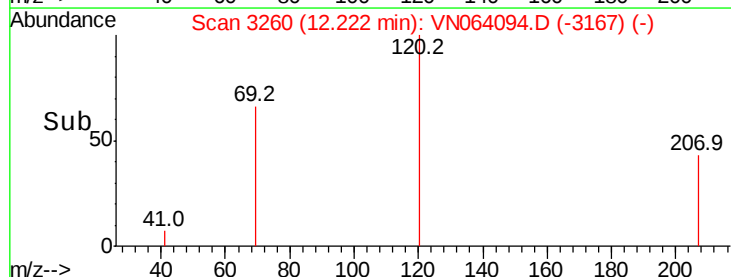
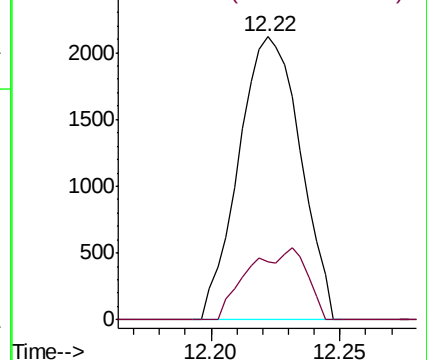
120 24.2 12.6 37.8

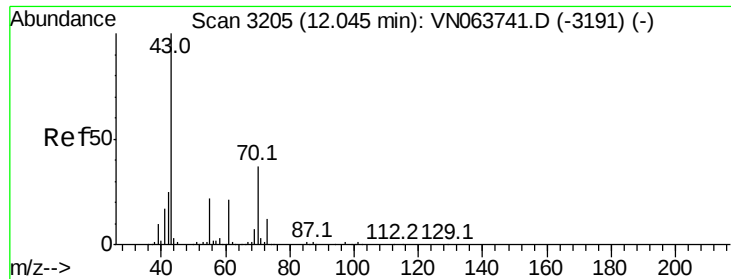


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.748 ug/l

RT: 12.00 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

31281

Tot Ion: 43 Resp: 3711

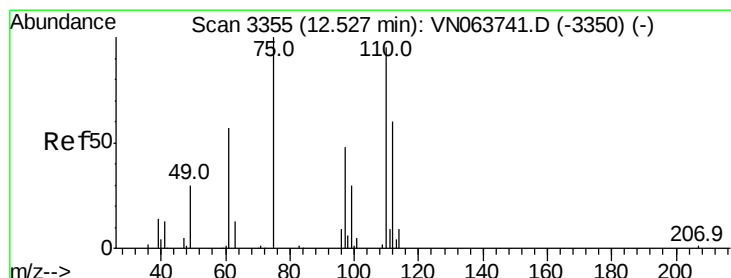
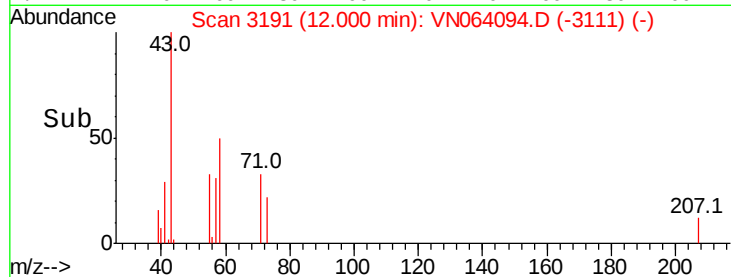
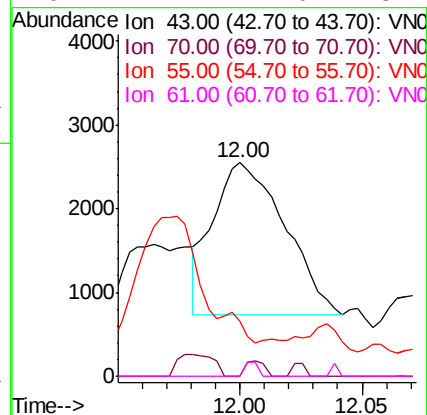
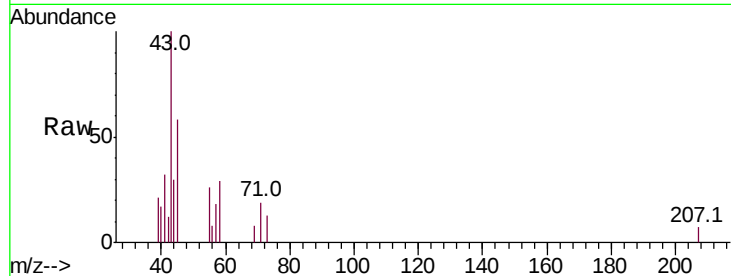
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 1.7 17.0 25.4#



#76

1,2,3-Trichloropropane

Concen: 28.109 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064094.D

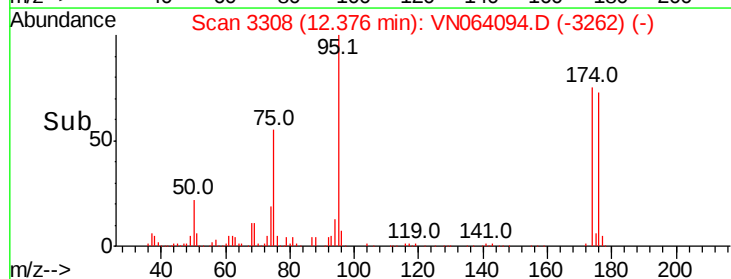
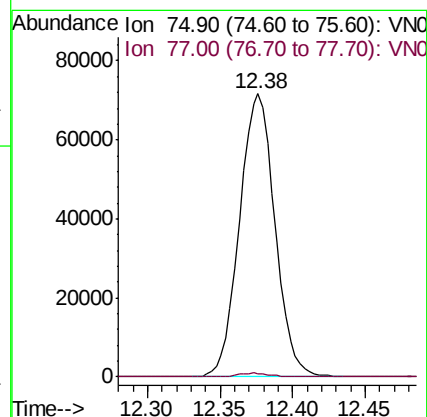
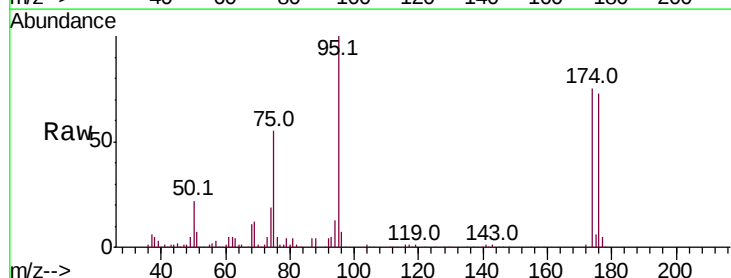
Acq: 12 Oct 2020 21:50

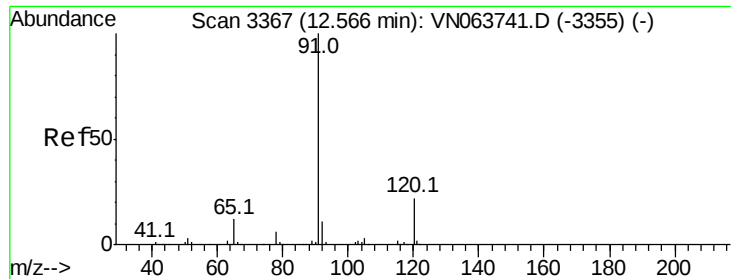
Tgt Ion: 75 Resp: 121746

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 0.464 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064094.D

Acq: 12 Oct 2020 21:50

Instrument :

MSVOA_N

ClientSampleId :

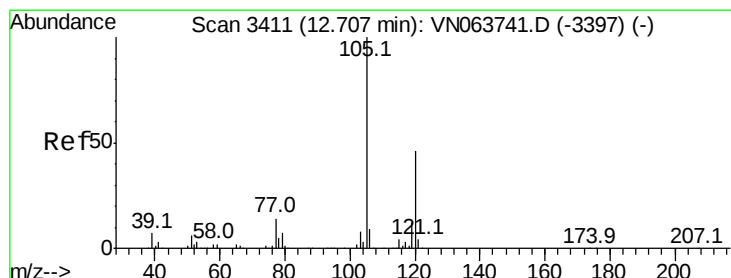
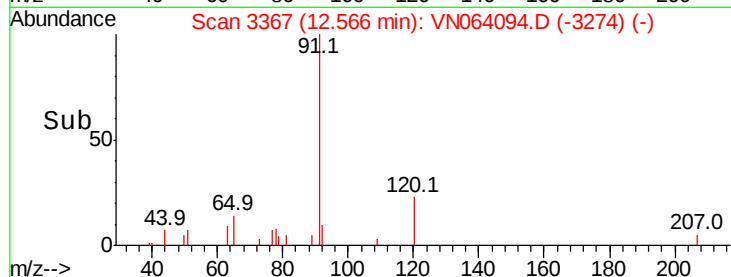
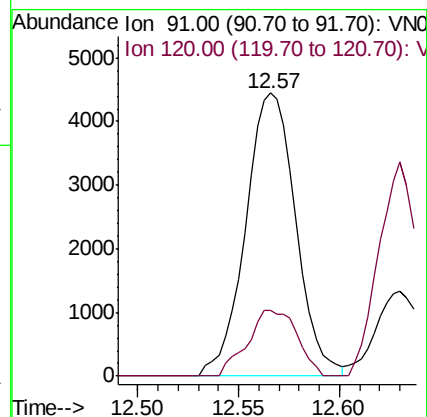
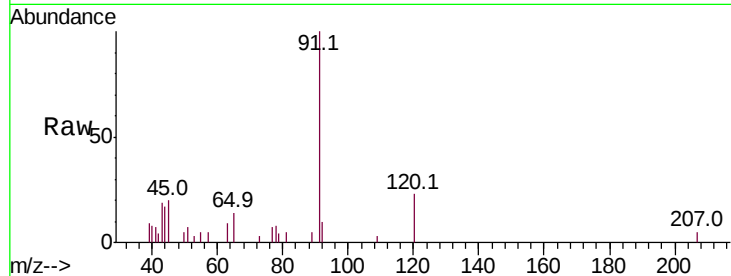
31281

Tot Ion: 91 Resp: 7739

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.1



#80

1,3,5-Trimethylbenzene

Concen: 1.185 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064094.D

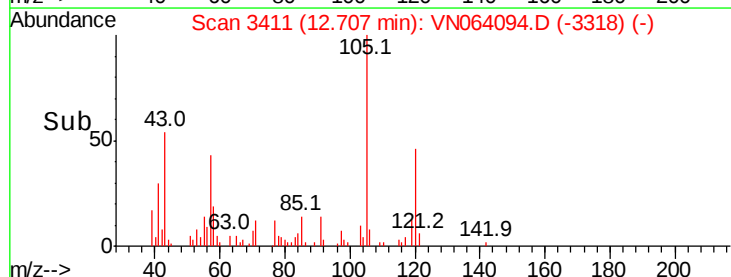
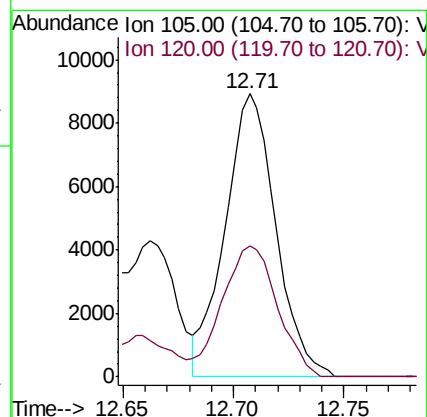
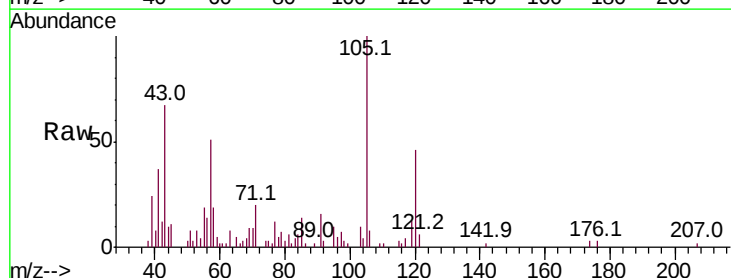
Acq: 12 Oct 2020 21:50

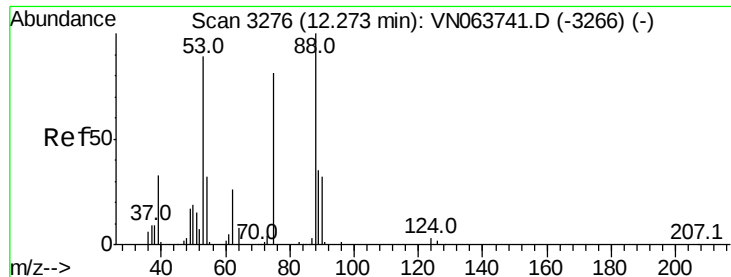
Tgt Ion: 105 Resp: 14242

Ion Ratio Lower Upper

105 100

120 50.9 23.3 69.9

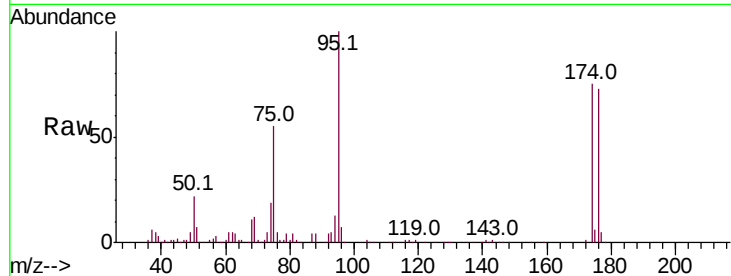




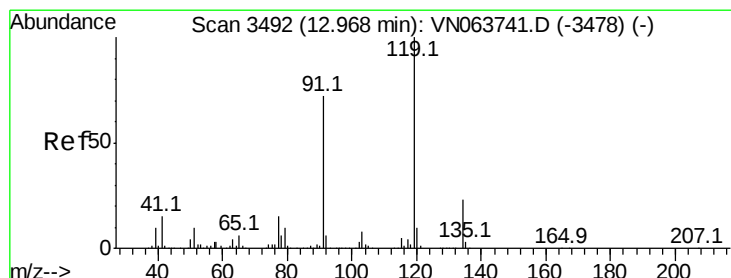
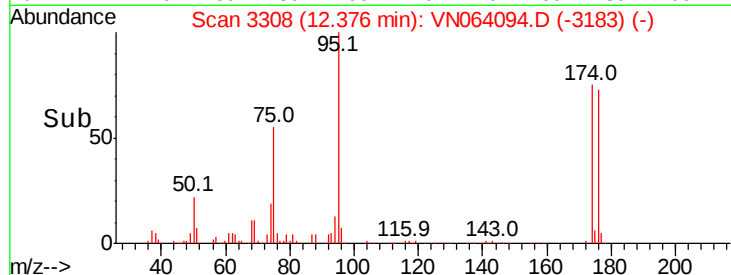
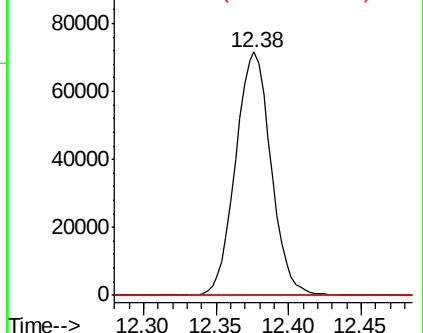
#81
trans-1,4-Dichloro-2-butene
Concen: 80.958 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Instrument :
MSVOA_N
ClientSampleId :
31281

Tot Ion: 75 Resp: 121746
Ion Ratio Lower Upper
75 100
53 0.2 88.2 132.2#
89 0.0 36.0 54.0#

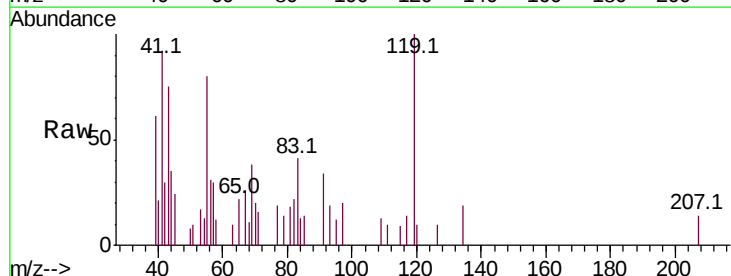


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

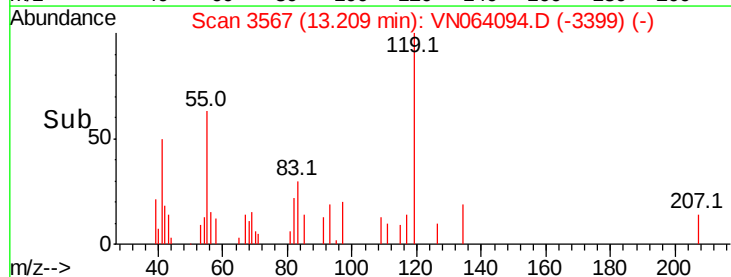
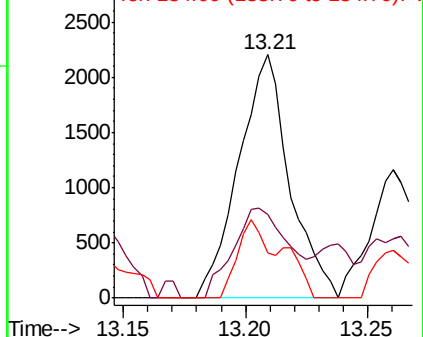


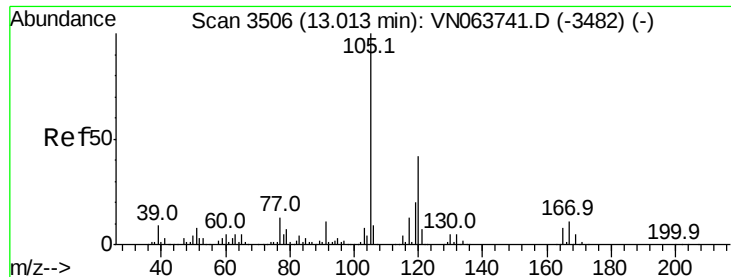
#83
tert-Butylbenzene
Concen: 0.324 ug/l
RT: 13.21 min Scan# 3567
Delta R.T. 0.24 min
Lab File: VN064094.D
Acq: 12 Oct 2020 21:50

Tgt Ion: 119 Resp: 3182
Ion Ratio Lower Upper
119 100
91 40.5 35.5 106.5
134 19.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN0
Ion 134.00 (133.70 to 134.70): V

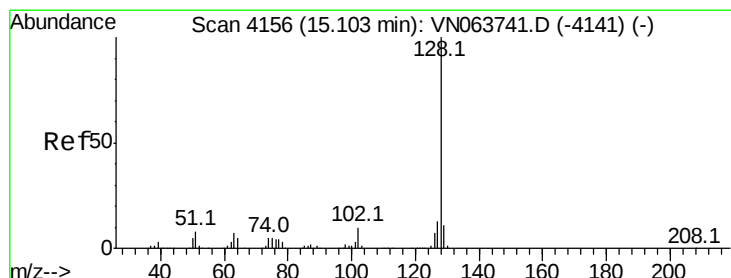
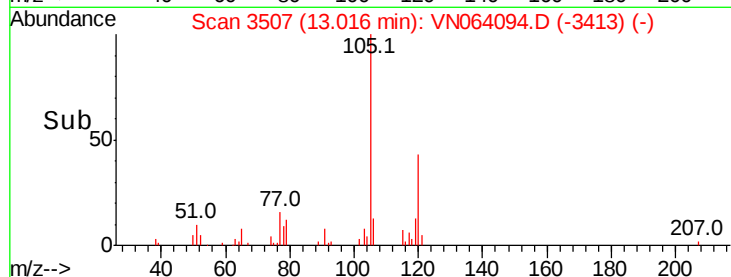
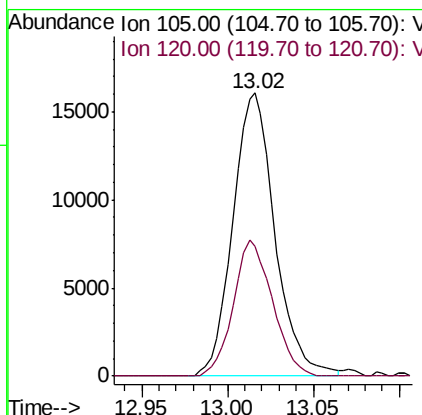
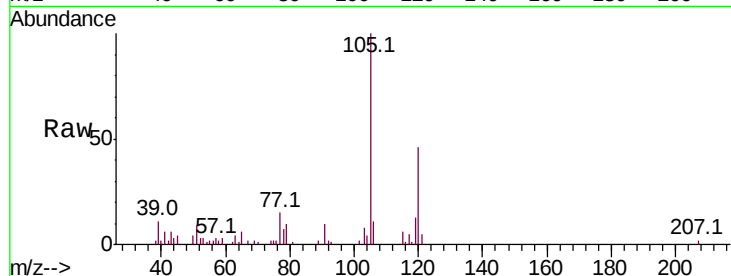




#84
 1,2,4-Trimethylbenzene
 Concen: 2.279 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 31281

Tot Ion:105 Resp: 27360
 Ion Ratio Lower Upper
 105 100
 120 44.7 20.9 62.7



#95
 Naphthalene
 Concen: 3.371 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064094.D
 Acq: 12 Oct 2020 21:50

Tgt Ion:128 Resp: 15948
 Ion Ratio Lower Upper
 128 100
 127 16.7 10.5 15.7#
 129 15.6 8.7 13.1#

