

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064894.D
 Acq On : 3 Dec 2020 13:09
 Operator : JC/MD
 Sample : L4918-01 20X
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203MBS01

Quant Time: Dec 04 02:58:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	177337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156027	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	103840	50.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.74%	
35) Dibromofluoromethane		7.55	113	95234	51.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.86%	
50) Toluene-d8		10.06	98	375874	49.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.36%	
62) 4-Bromofluorobenzene		12.37	95	158232	58.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	806736	1190.358	ug/l	98
20) Methylene Chloride	4.49	84	701	0.330	ug/l #	87
25) 2-Butanone	6.78	43	323	0.294	ug/l #	49
31) Cyclohexane	7.59	56	15089	5.251	ug/l #	46
36) 1,1-Dichloropropene	7.62	75	12384	4.318	ug/l #	45
38) Carbon Tetrachloride	7.62	117	16059	5.381	ug/l #	15
39) Methylcyclohexane	9.04	83	8086	2.619	ug/l	98
41) Methacrylonitrile	7.34	41	557	0.437	ug/l #	30
43) Isopropyl Acetate	8.11	43	5582	1.256	ug/l #	59
48) Methyl methacrylate	9.11	41	1127	0.531	ug/l #	22
51) 4-Methyl-2-Pentanone	9.95	43	726	0.272	ug/l #	61
52) Toluene	10.12	92	485889	89.765	ug/l	99
53) t-1,3-Dichloropropene	10.12	75	5419	1.590	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	848	0.381	ug/l #	14
59) 2-Hexanone	10.69	43	2639	1.374	ug/l #	23
67) Ethyl Benzene	11.48	91	19905	1.758	ug/l	94
68) m/p-Xylenes	11.59	106	27332	6.375	ug/l	100
69) o-Xylene	11.92	106	11701	2.876	ug/l	95
71) Bromoform	12.37	173	822	0.413	ug/l #	1
73) Isopropylbenzene	12.22	105	5549	0.511	ug/l	100
74) N-amyl acetate	12.02	43	6372	1.492	ug/l #	74
76) 1,2,3-Trichloropropane	12.37	75	74397	22.141	ug/l #	100
78) n-propylbenzene	12.56	91	22842	1.848	ug/l	98
79) 2-Chlorotoluene	12.63	91	6127	0.802	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.70	105	27483	3.047	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	74397	60.683	ug/l #	15
82) 4-Chlorotoluene	12.70	91	1874	0.234	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.01	105	97316	10.670	ug/l	98
85) sec-Butylbenzene	13.14	105	9823	0.978	ug/l	81
86) p-Isopropyltoluene	13.21	119	9761	1.068	ug/l	94
89) n-Butylbenzene	13.59	91	15562	1.939	ug/l #	67
90) Hexachloroethane	13.86	117	1854	1.168	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.88	180	980	0.310	ug/l #	85
94) Hexachlorobutadiene	14.98	225	405	0.655	ug/l	66

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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

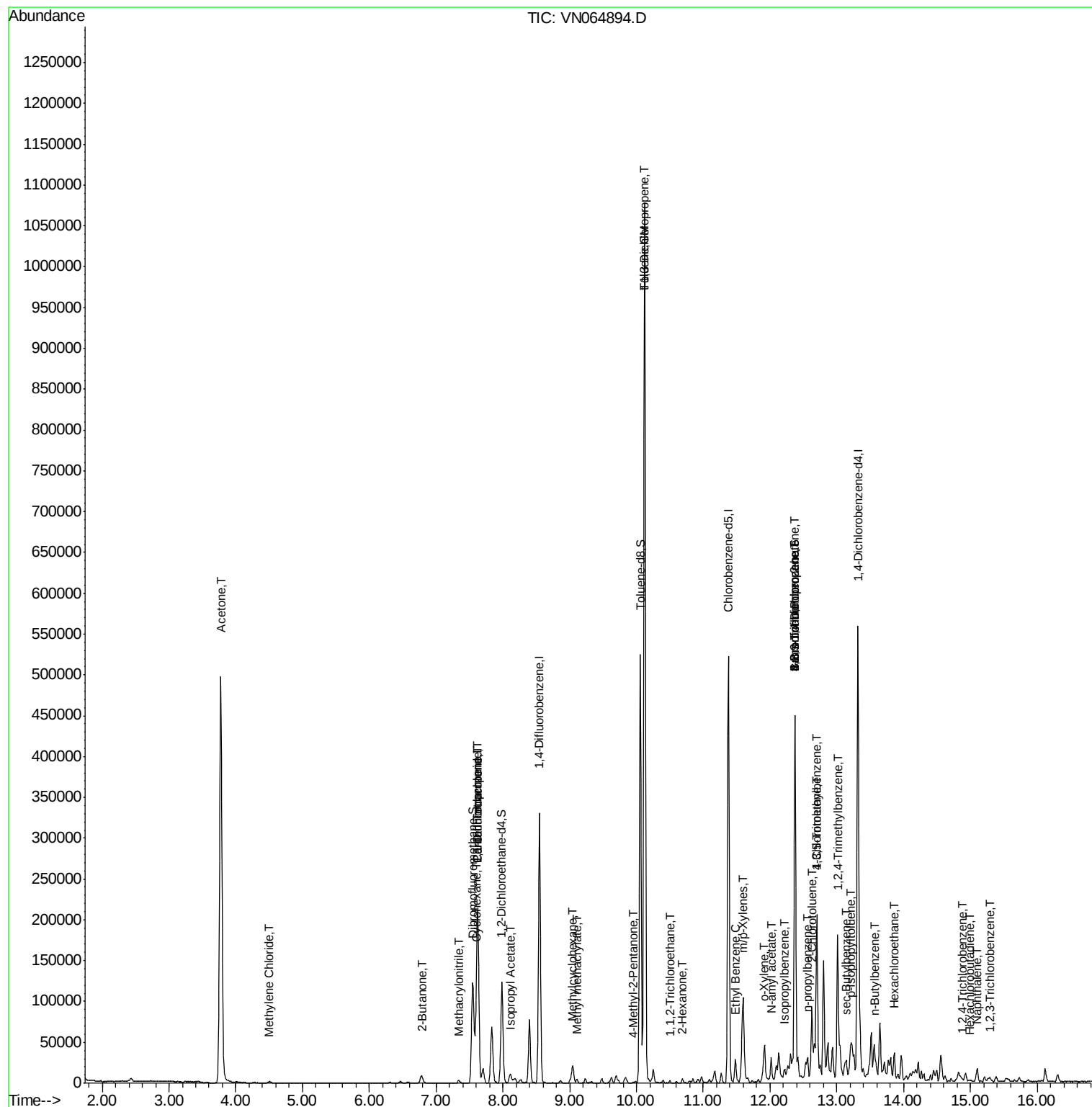
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	14097	1.490	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	1077	1.741	ug/l #	85

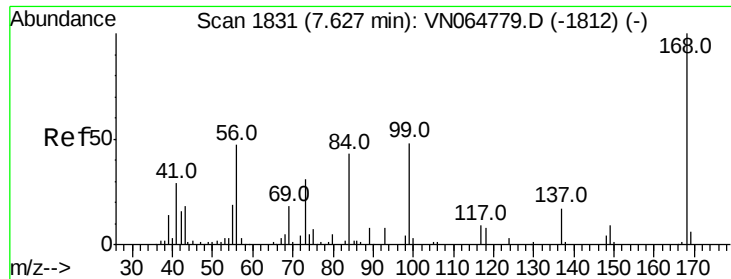
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
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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: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

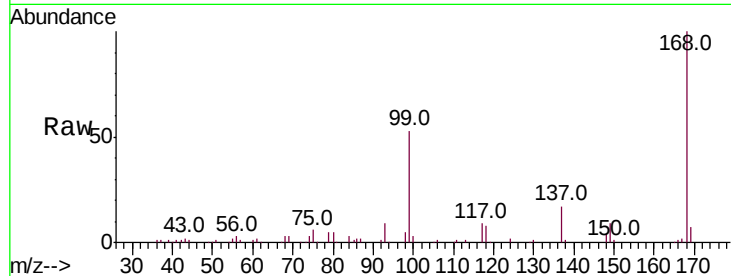
VN1203MBS01

Tot Ion:168 Resp: 177337

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

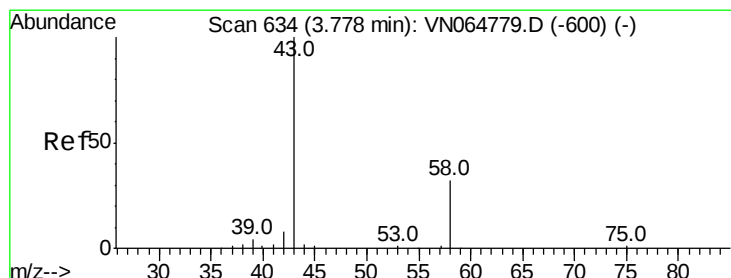
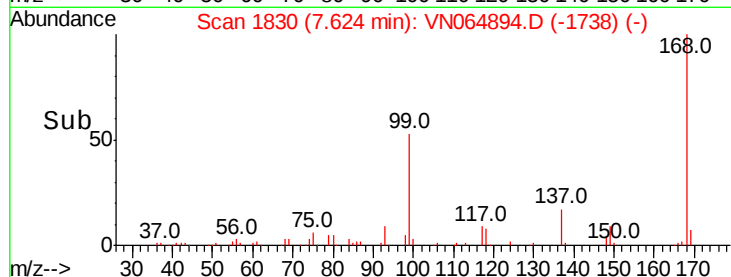
40000

20000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 1190.358 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064894.D

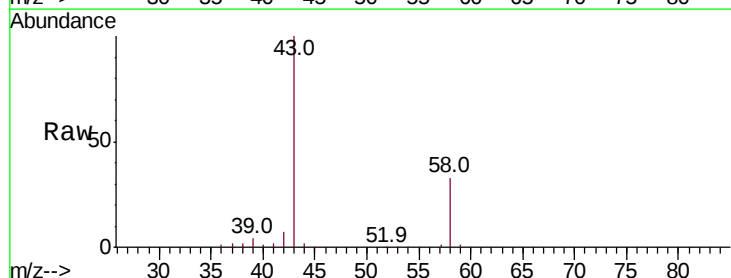
Acq: 3 Dec 2020 13:09

Tgt Ion: 43 Resp: 806736

Ion Ratio Lower Upper

43 100

58 33.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

300000

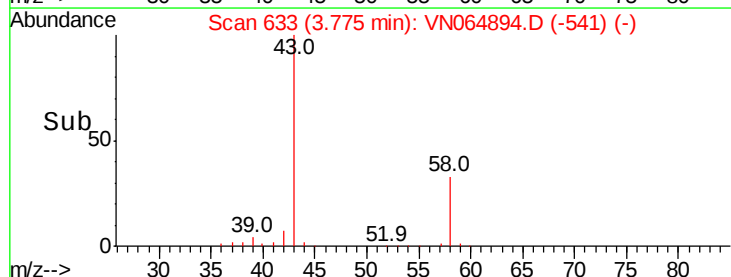
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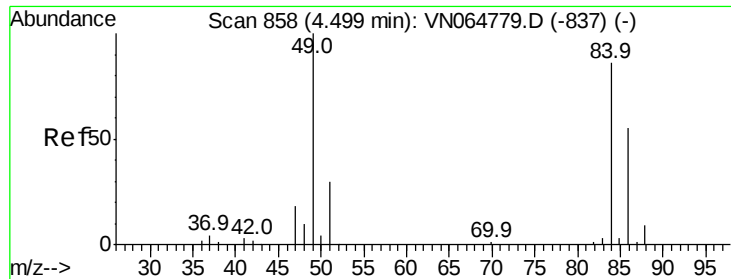
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Time-->

3.70 3.80 3.90

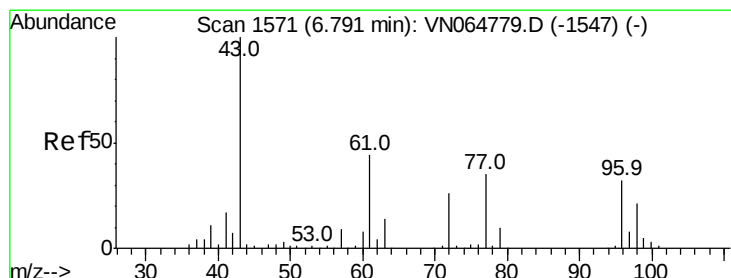
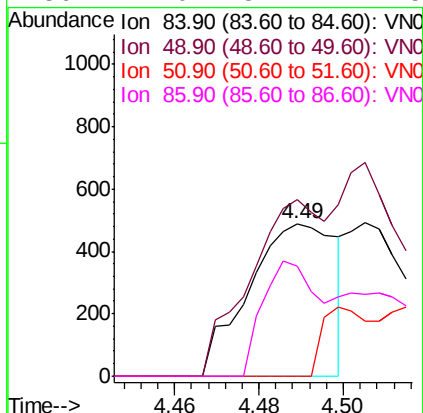
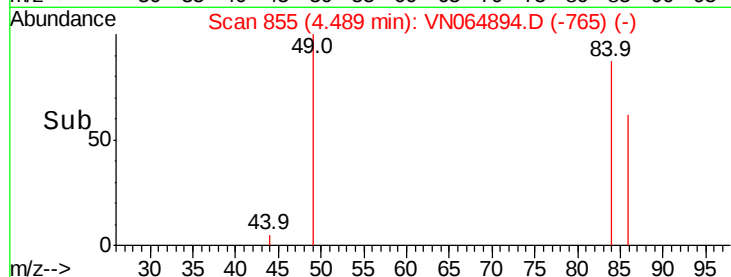
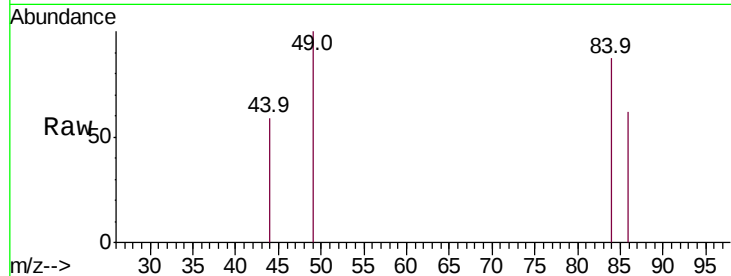




#20
Methvlene Chloride
Concen: 0.330 ug/l
RT: 4.49 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

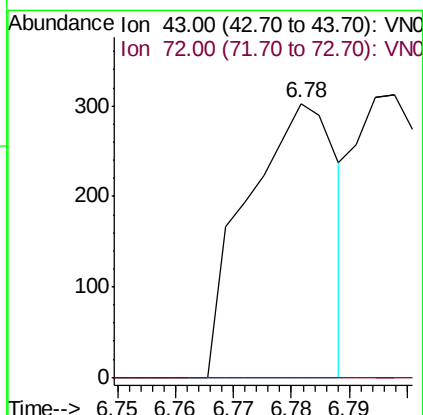
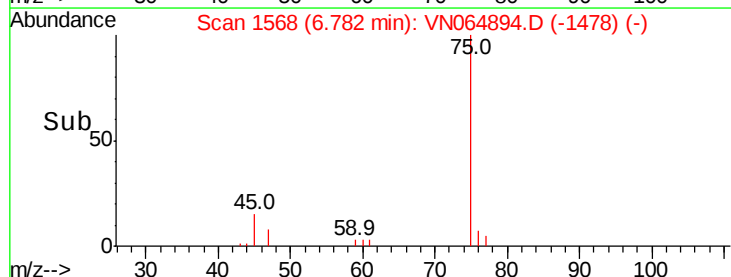
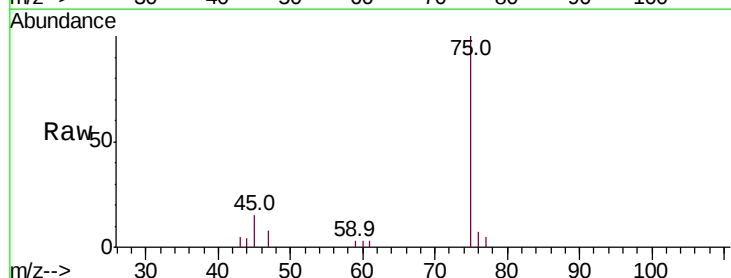
Instrument :
MSVOA_N
ClientSampled :
VN1203MBS01

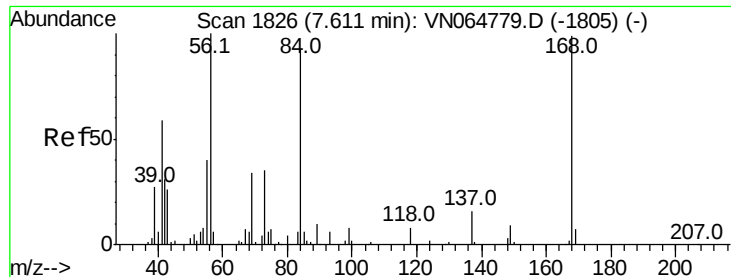
Tot Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 115.5 93.4 140.0
51 0.0 28.2 42.4#
86 72.0 51.7 77.5



#25
2-Butanone
Concen: 0.294 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#

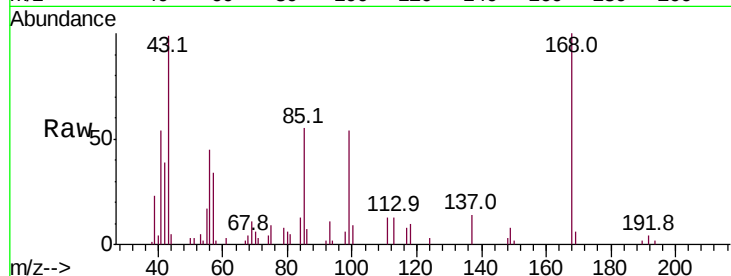




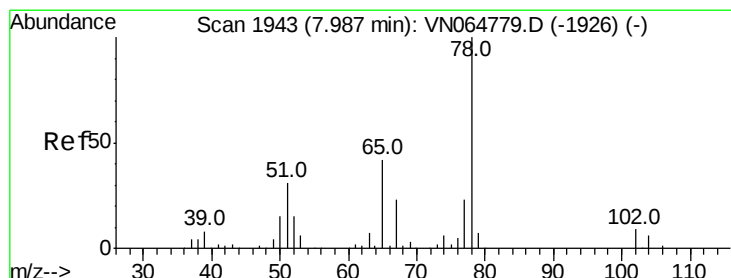
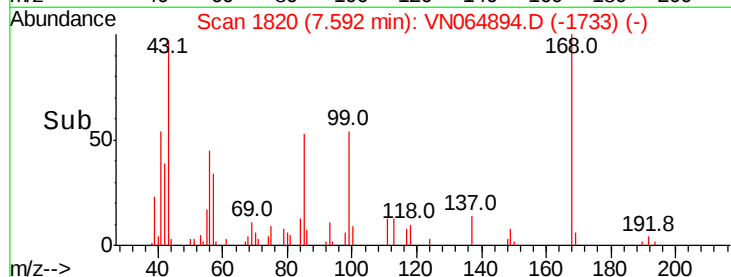
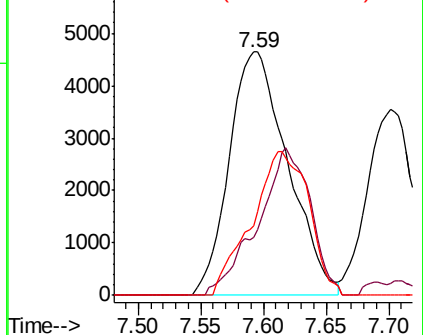
#31
Cyclohexane
Concen: 5.251 ug/l
RT: 7.59 min Scan# 1820
Delta R.T. -0.02 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1203MBS01

Tot Ion: 56 Resp: 15089
Ion Ratio Lower Upper
56 100
69 24.0 27.5 41.3#
84 28.6 73.9 110.9#

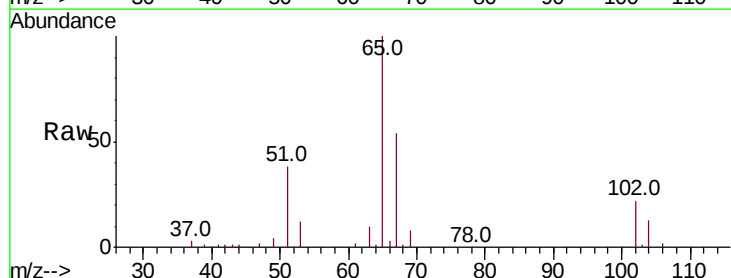


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

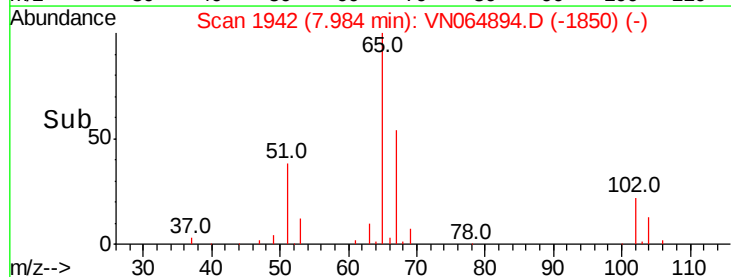
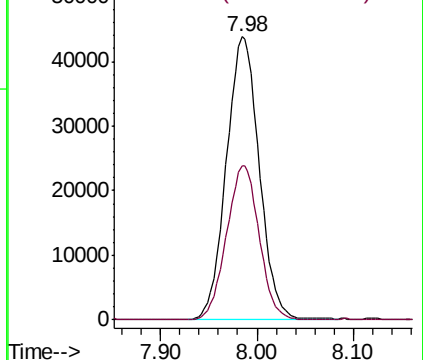


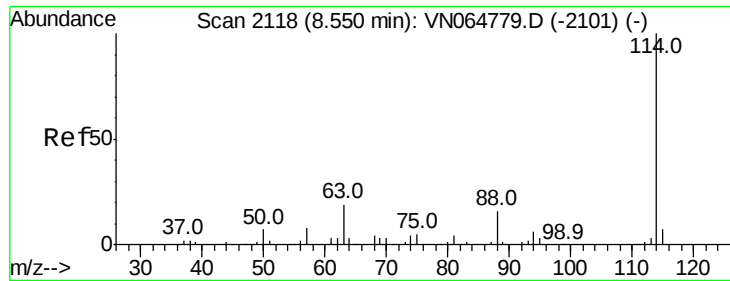
#33
1,2-Dichloroethane-d4
Concen: 50.367 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 65 Resp: 103840
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.2



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

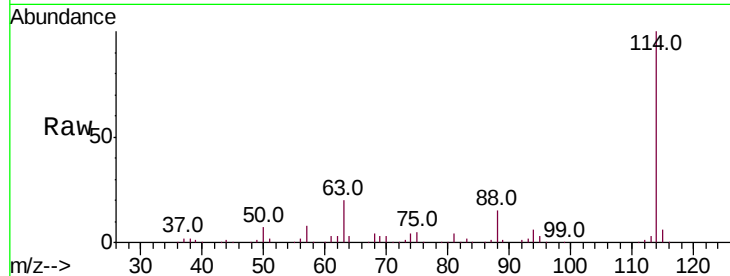




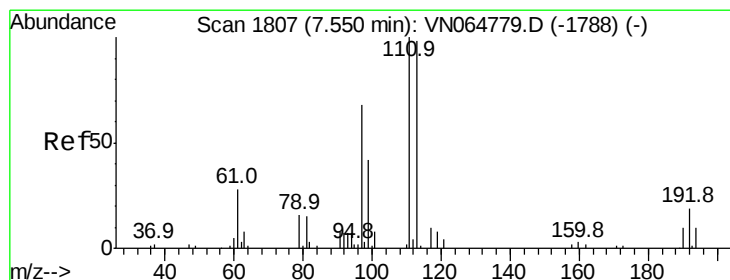
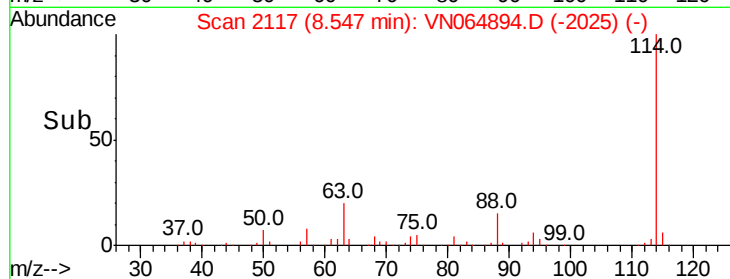
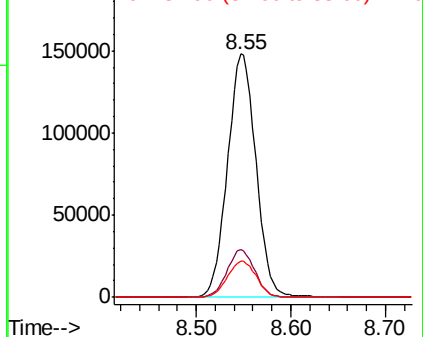
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

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Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	14.9	0.0	32.6

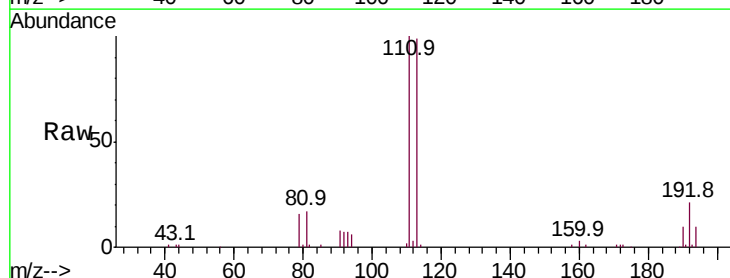


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

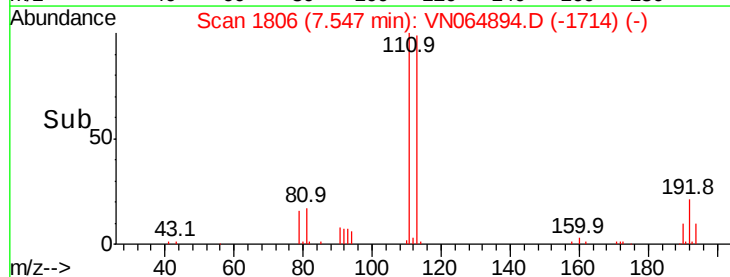
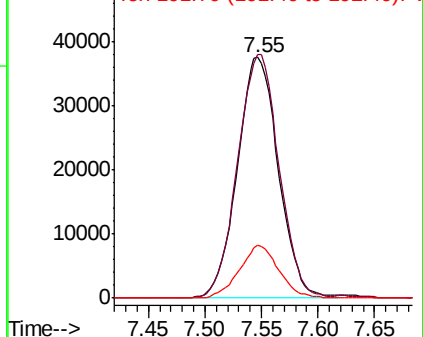


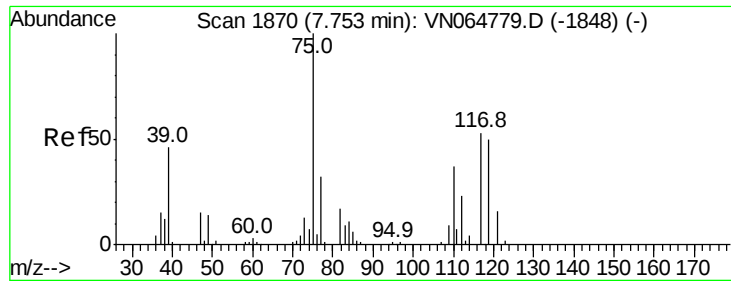
#35
 Dibromofluoromethane
 Concen: 51.432 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	20.8	16.2	24.2



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

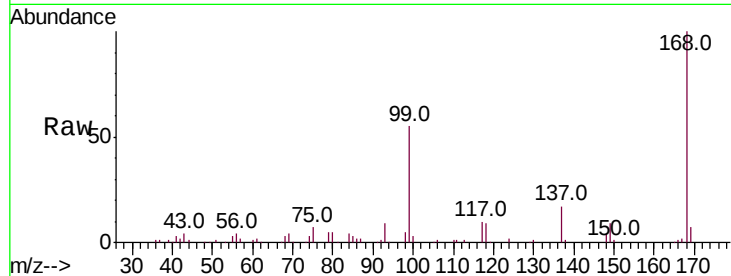




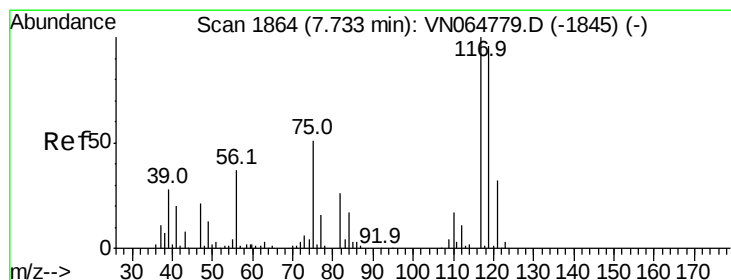
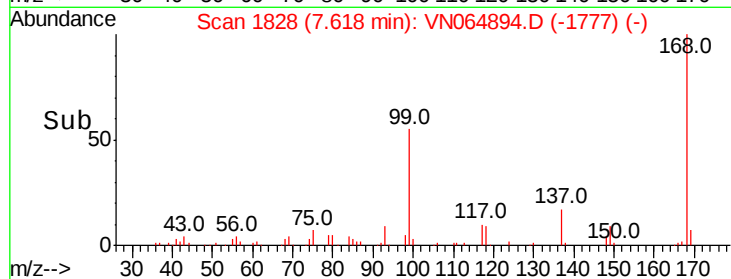
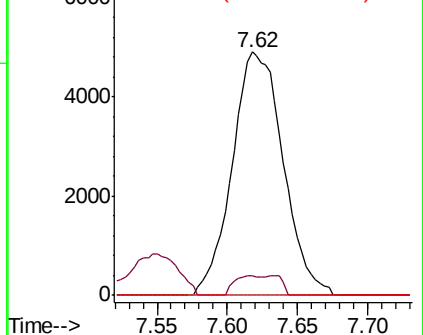
#36
 1,1-Dichloropropene
 Concen: 4.318 ug/l
 RT: 7.62 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

Instrument :
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Tot Ion	Ratio	Lower	Upper
75	100		
110	4.2	17.8	53.3#
77	0.0	25.0	37.4#

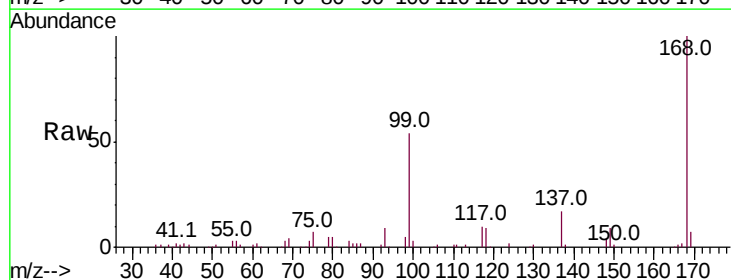


Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN064779.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN064779.D (-1848) (-)

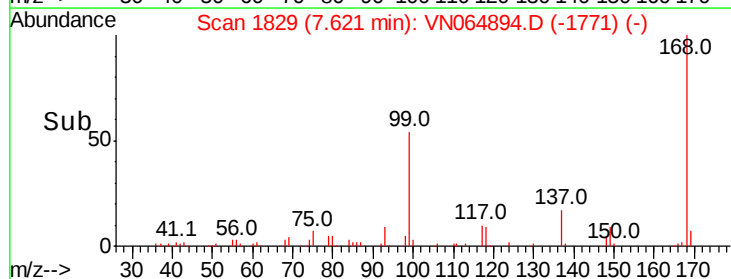
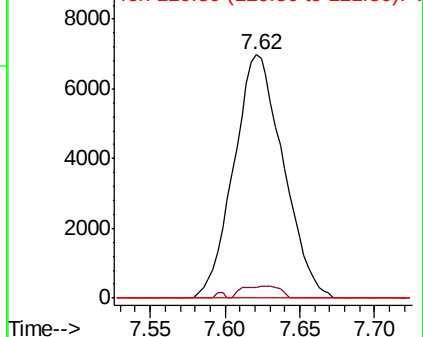


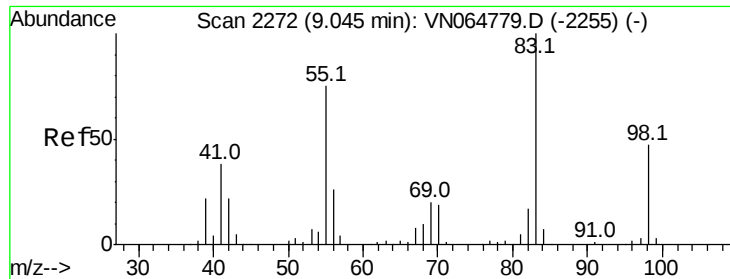
#38
 Carbon Tetrachloride
 Concen: 5.381 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.7	115.1#
121	0.0	25.4	38.2#



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)
 Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)
 Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)

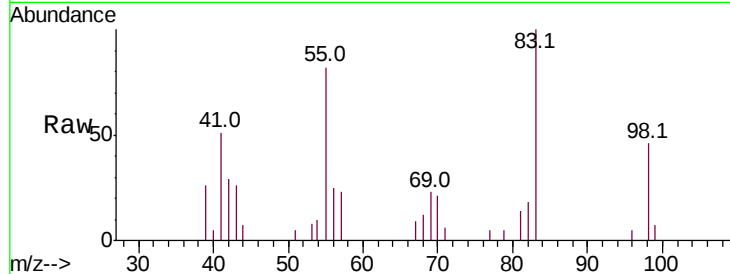




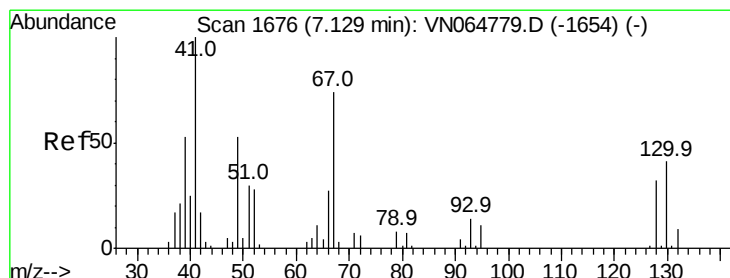
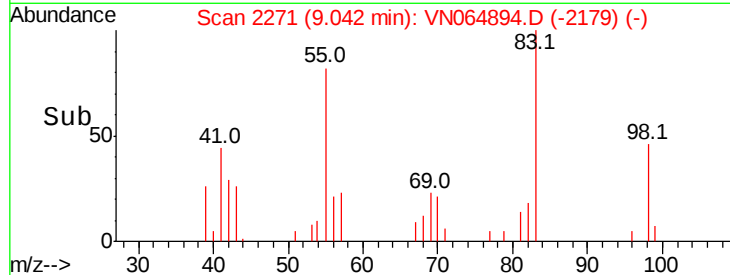
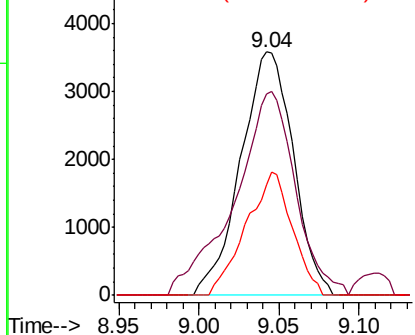
#39
Methvlcvclohexane
Concen: 2.619 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Instrument :
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ClientSampleId :
VN1203MBS01

Tot Ion: 83 Resp: 8086
Ion Ratio Lower Upper
83 100
55 77.6 60.2 90.2
98 45.6 37.4 56.2

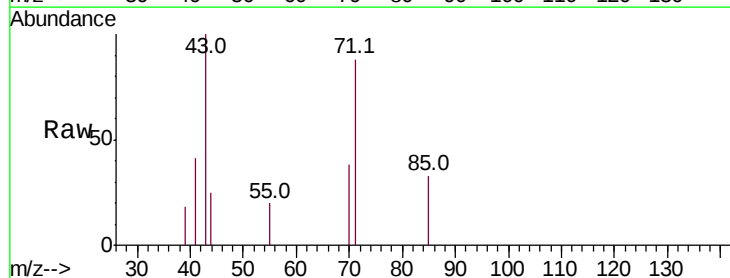


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

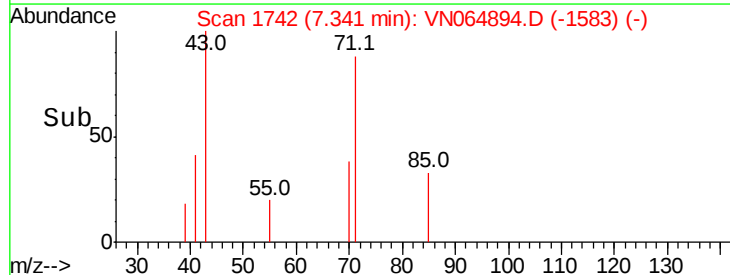
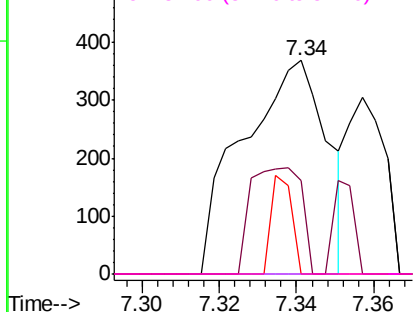


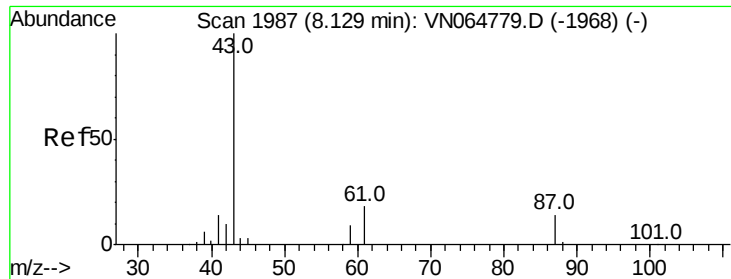
#41
Methacrylonitrile
Concen: 0.437 ug/l
RT: 7.34 min Scan# 1742
Delta R.T. 0.21 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 41 Resp: 557
Ion Ratio Lower Upper
41 100
39 30.2 51.0 76.6#
67 11.3 79.8 119.8#
52 0.0 31.5 47.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 1.256 ug/l

RT: 8.11 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1203MBS01

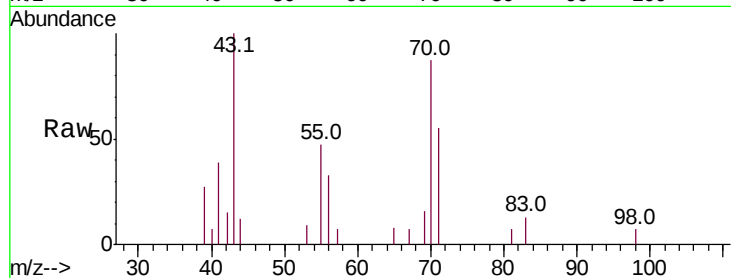
Tot Ion: 43 Resp: 5582

Ion Ratio Lower Upper

43 100

61 0.0 17.2 25.8#

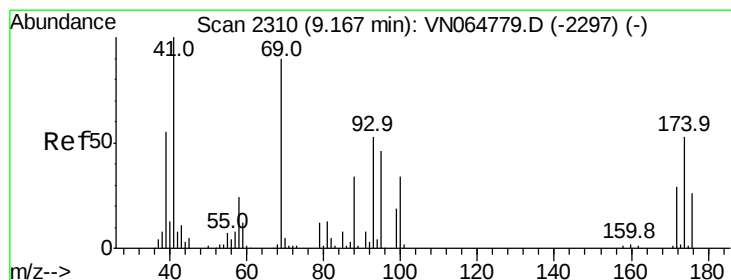
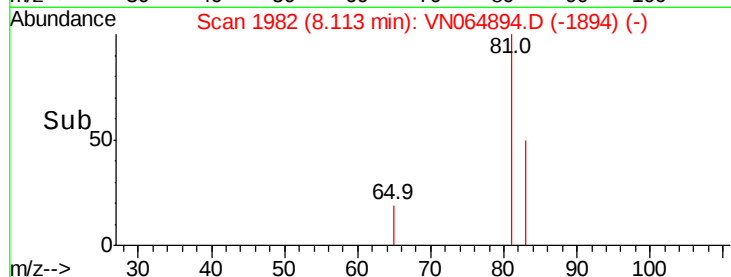
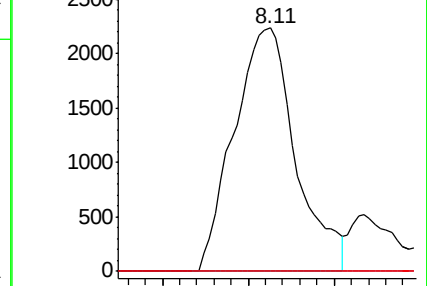
87 0.0 11.4 17.0#



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: 0.531 ug/l

RT: 9.11 min Scan# 2292

Delta R.T. -0.06 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

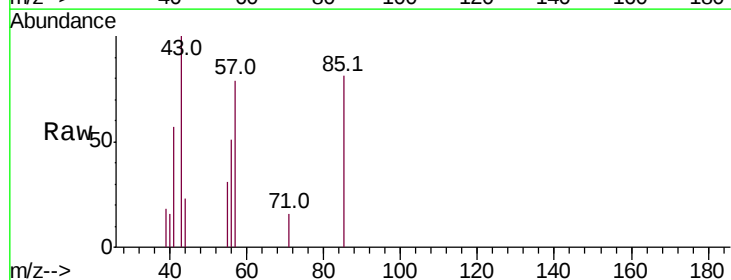
Tgt Ion: 41 Resp: 1127

Ion Ratio Lower Upper

41 100

69 0.0 71.8 107.8#

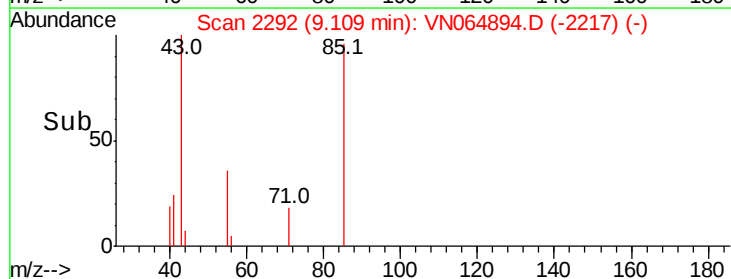
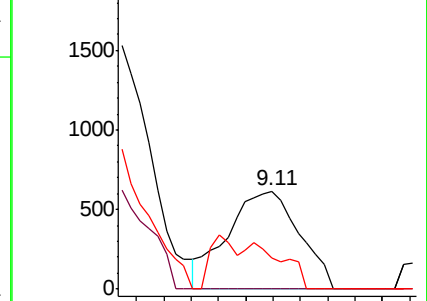
39 19.0 44.1 66.1#

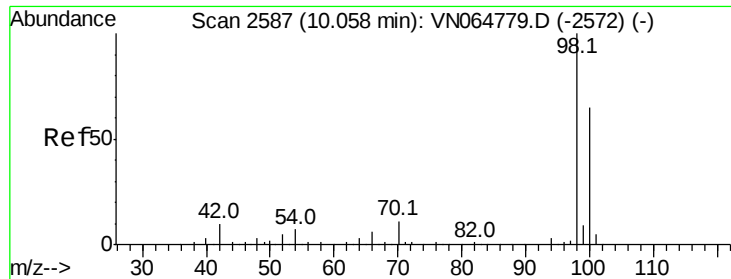


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.681 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

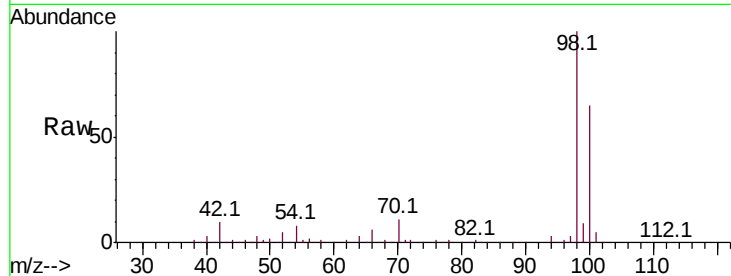
VN1203MBS01

Tot Ion: 98 Resp: 375874

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

200000

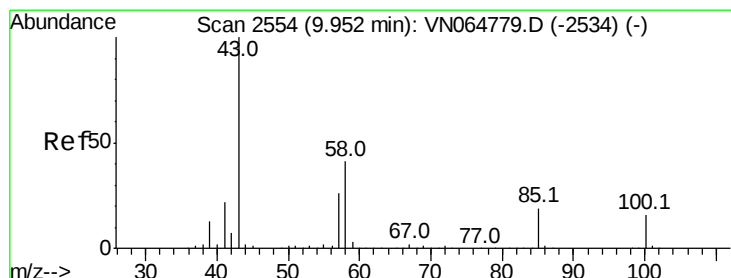
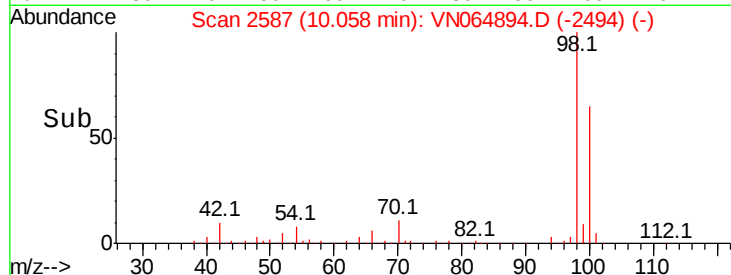
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.272 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064894.D

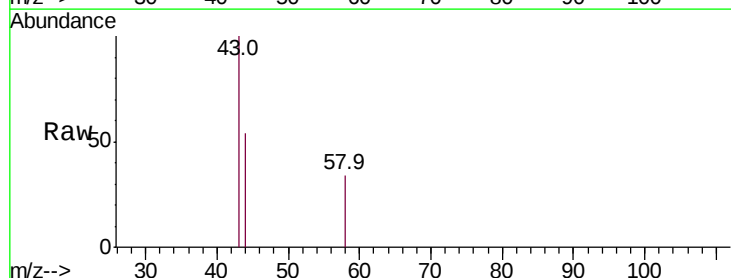
Acq: 3 Dec 2020 13:09

Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

43 100

58 16.4 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

500

400

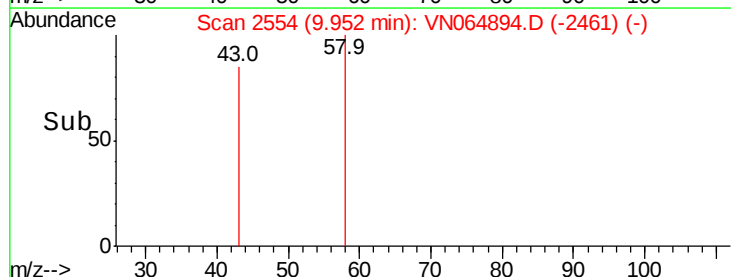
300

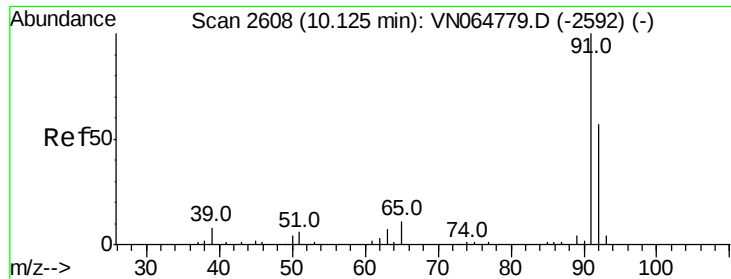
200

100

0

Time-->





#52

Toluene

Concen: 89.765 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

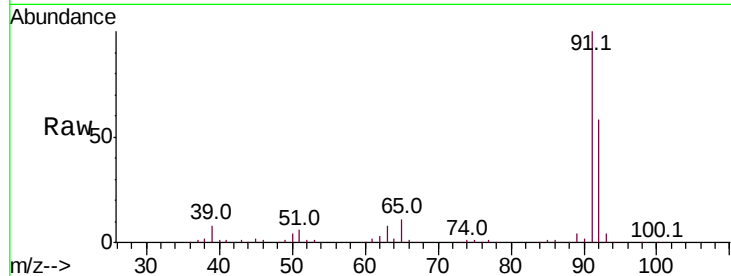
VN1203MBS01

Tot Ion: 92 Resp: 485889

Ion Ratio Lower Upper

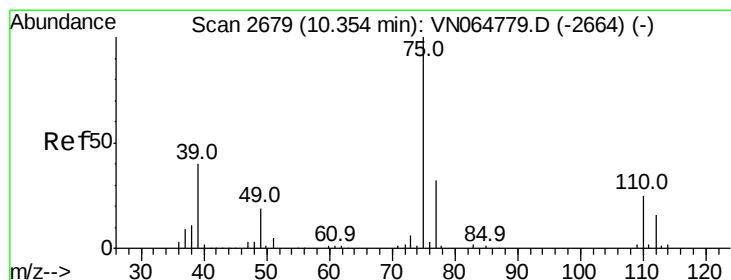
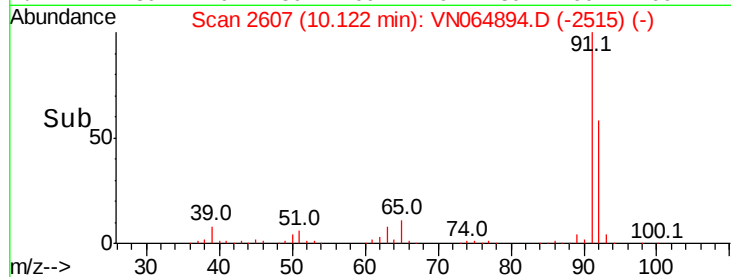
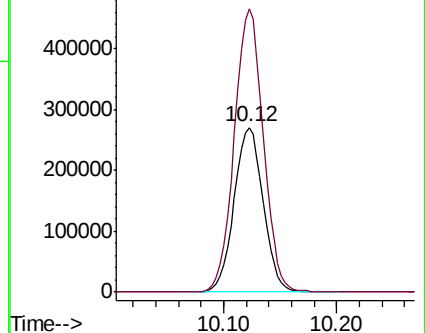
92 100

91 171.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.590 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN064894.D

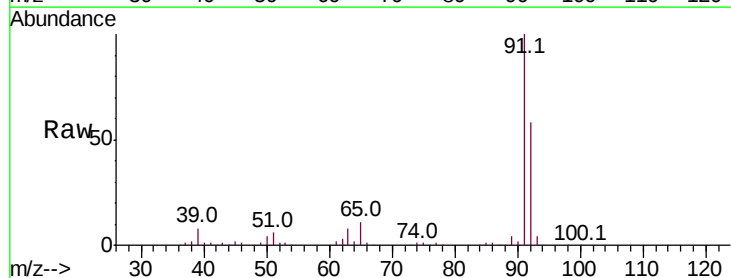
Acq: 3 Dec 2020 13:09

Tgt Ion: 75 Resp: 5419

Ion Ratio Lower Upper

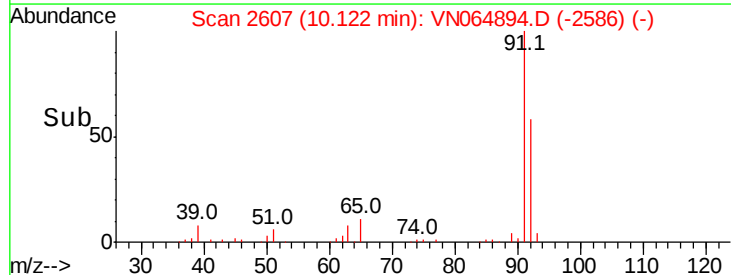
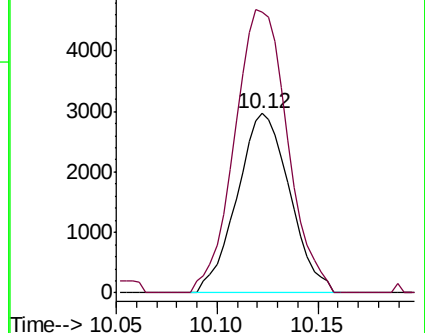
75 100

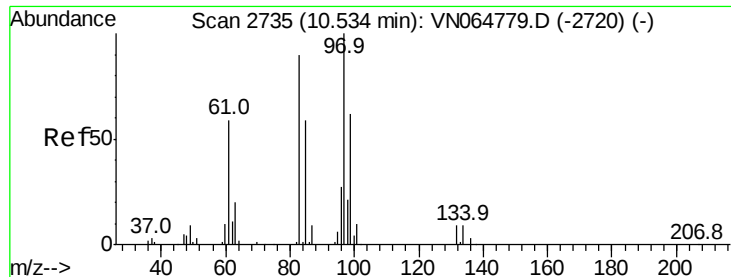
77 157.2 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#55

1,1,2-Trichloroethane

Concen: 0.381 ug/l

RT: 10.50 min Scan# 2723

Delta R.T. -0.04 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1203MBS01

Tot Ion: 97 Resp: 848

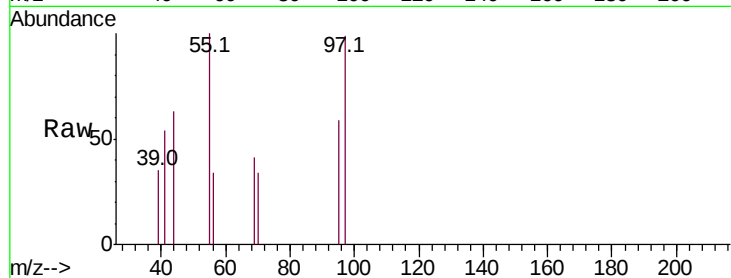
Ion Ratio Lower Upper

97 100

83 0.0 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#

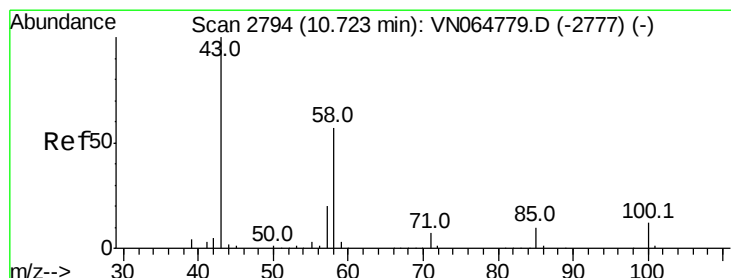
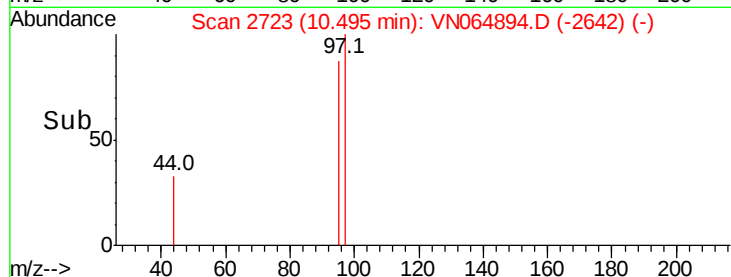
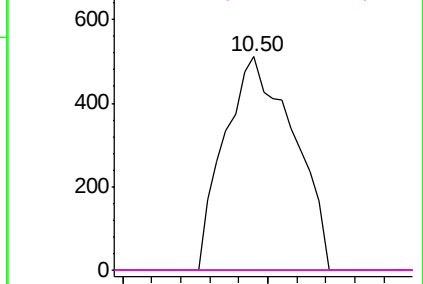


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#59

2-Hexanone

Concen: 1.374 ug/l

RT: 10.69 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN064894.D

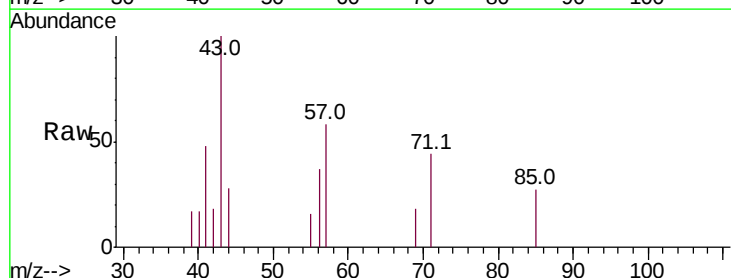
Acq: 3 Dec 2020 13:09

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

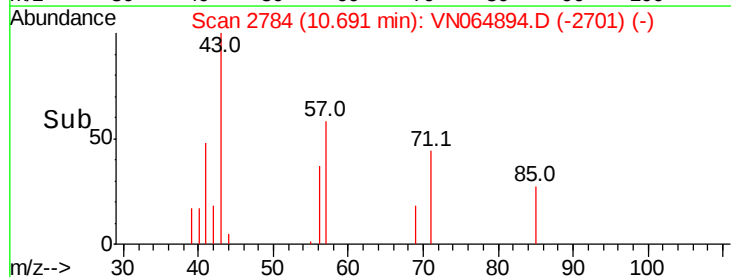
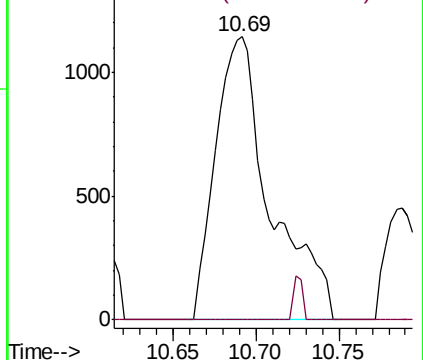
43 100

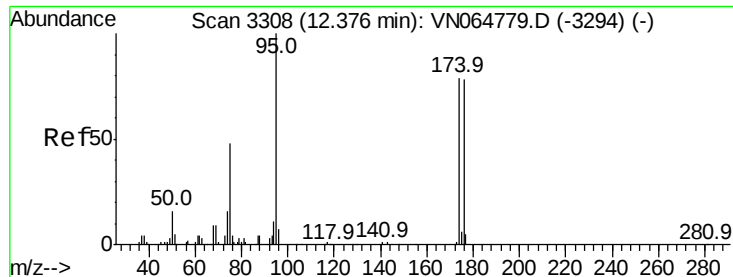
58 0.0 28.3 84.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

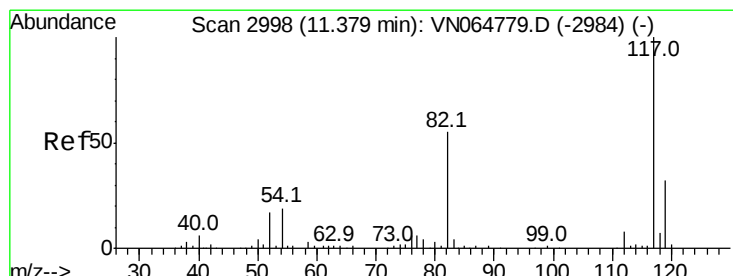
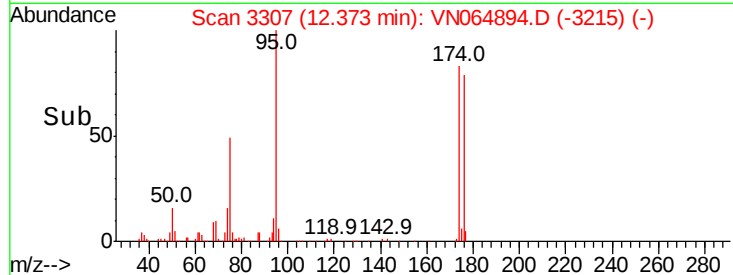
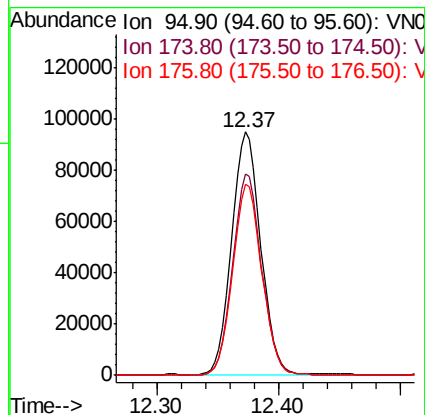
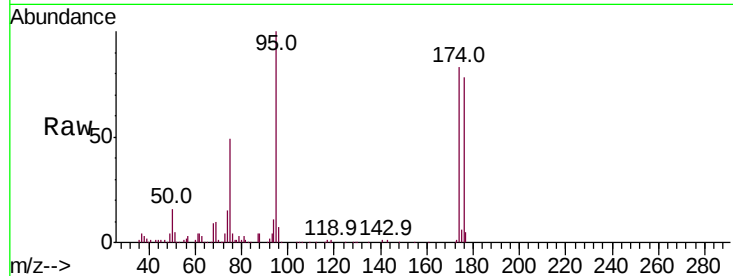




#62
4-Bromofluorobenzene
Concen: 58.440 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

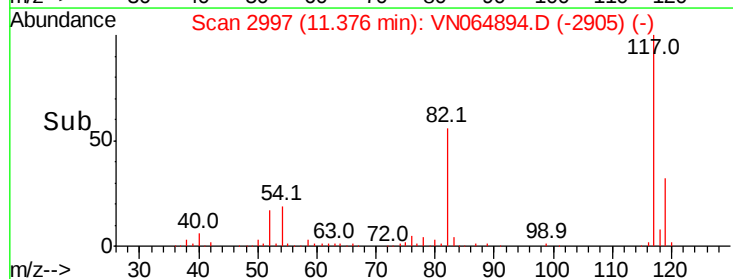
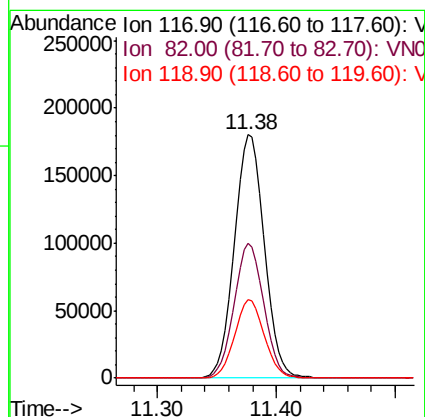
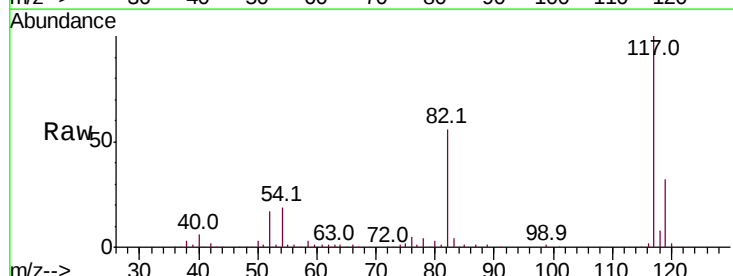
Instrument :
MSVOA_N
ClientSampleId :
VN1203MBS01

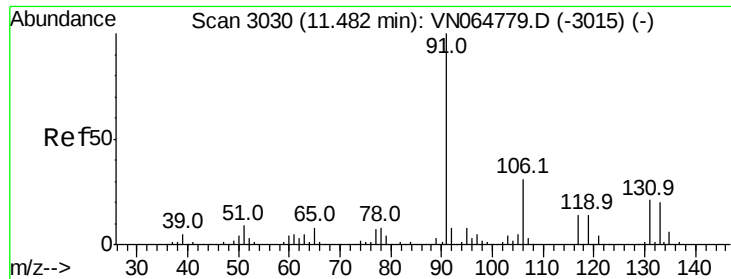
Tot Ion: 95 Resp: 158232
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.4
176 79.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 117 Resp: 315646
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.2 25.8 38.6

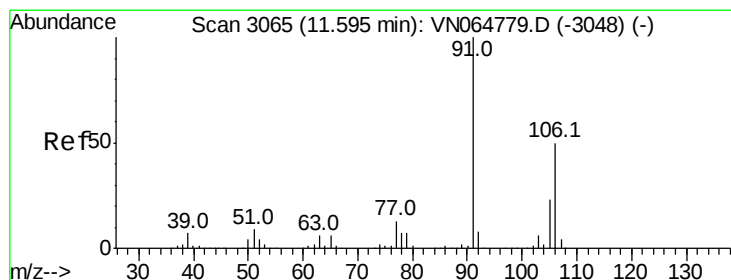
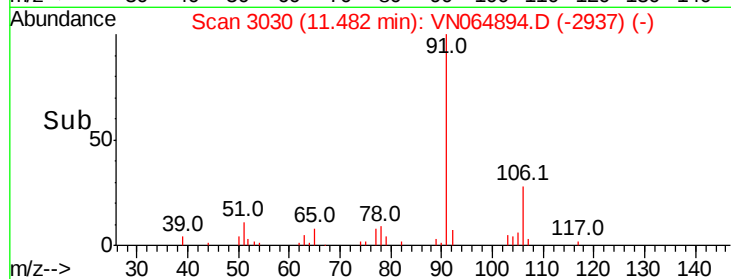
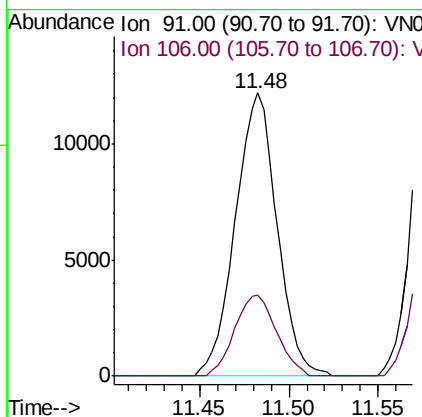
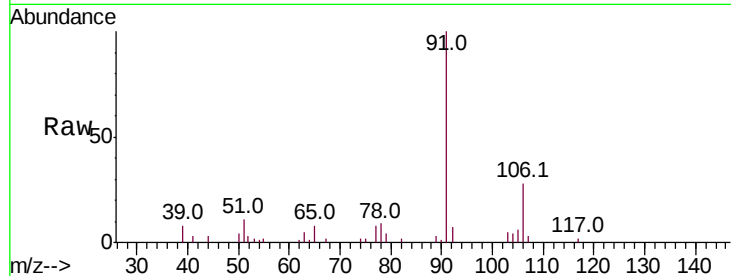




#67
Ethyl Benzene
Concen: 1.758 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

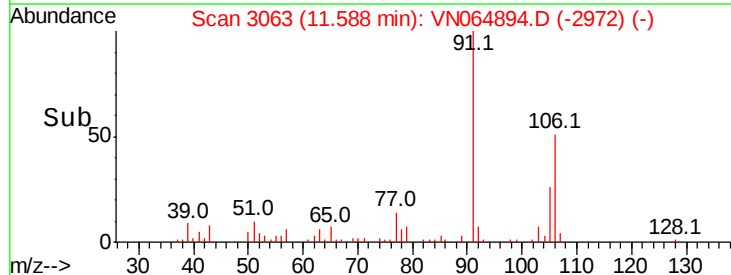
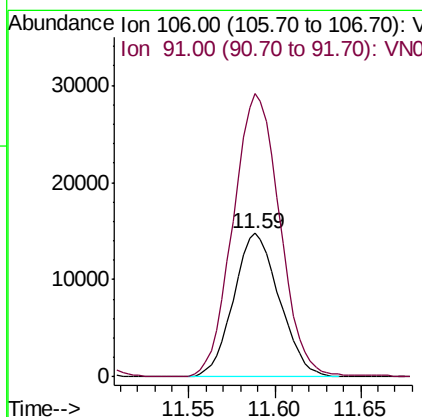
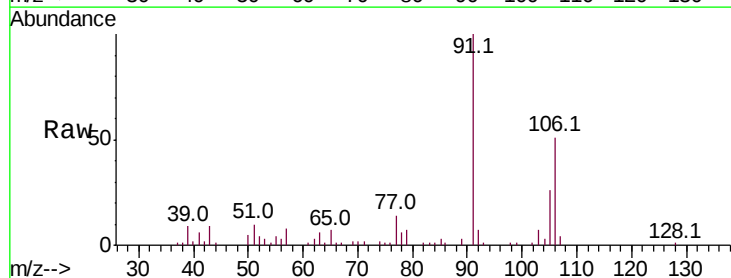
Instrument :
MSVOA_N
ClientSampled :
VN1203MBS01

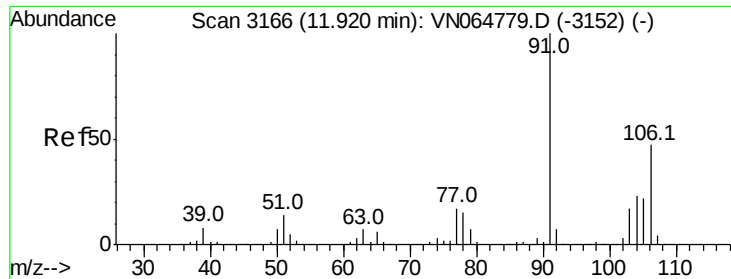
Tot Ion: 91 Resp: 19905
Ion Ratio Lower Upper
91 100
106 28.4 25.2 37.8



#68
m/p-Xylenes
Concen: 6.375 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 106 Resp: 27332
Ion Ratio Lower Upper
106 100
91 201.1 161.0 241.4

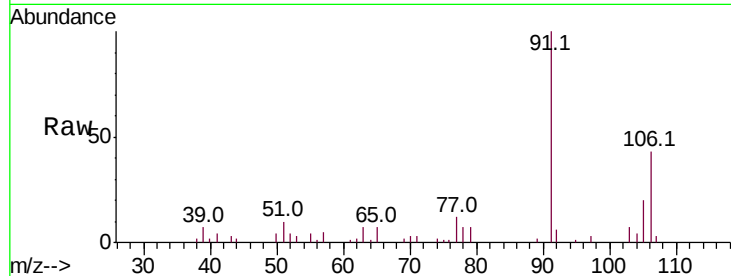




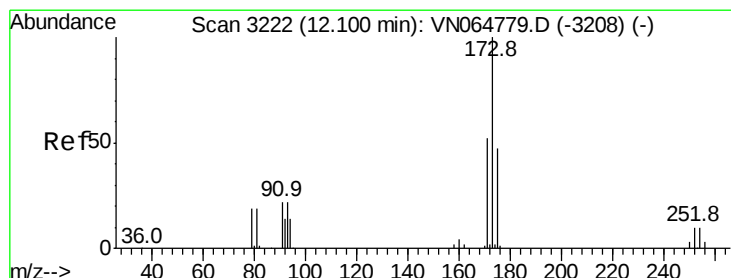
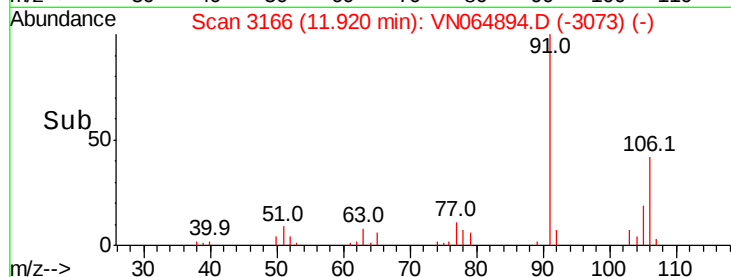
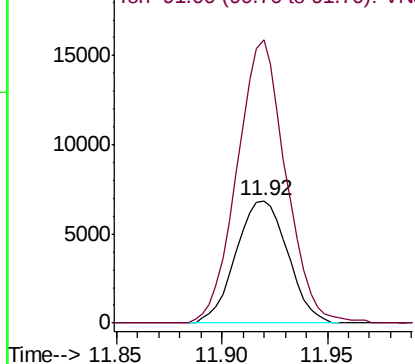
#69
o-Xylene
Concen: 2.876 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
VN1203MBS01

Tot Ion:106 Resp: 11701
Ion Ratio Lower Upper
106 100
91 218.3 105.5 316.5

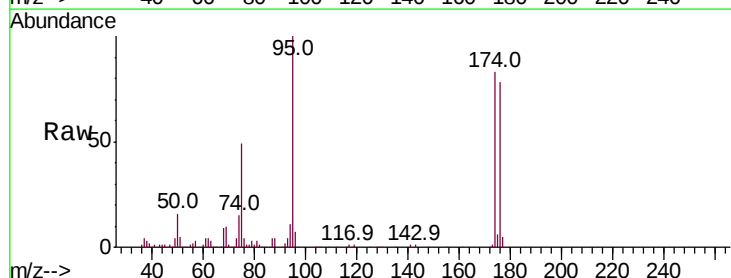


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

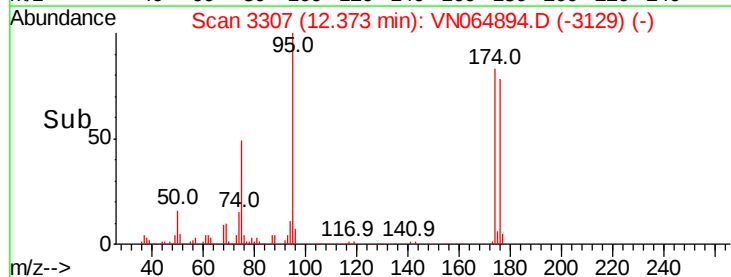
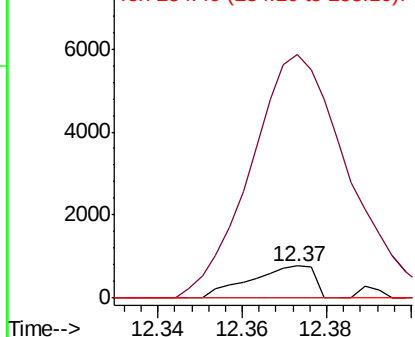


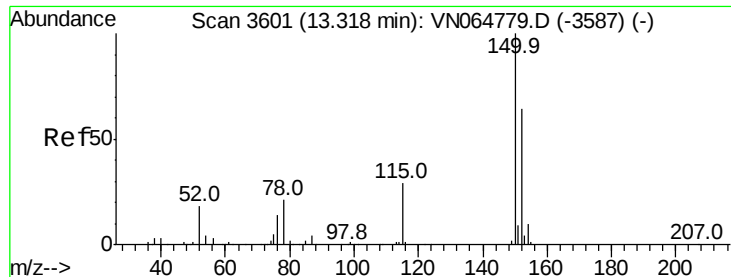
#71
Bromoform
Concen: 0.413 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion:173 Resp: 822
Ion Ratio Lower Upper
173 100
175 1003.9 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1203MBS01

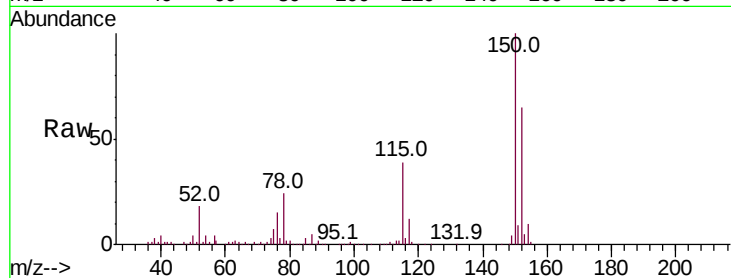
Tot Ion:152 Resp: 156027

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

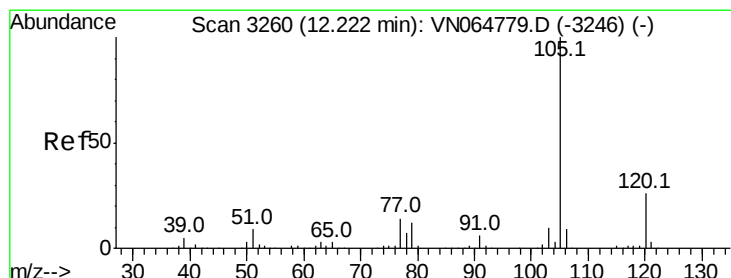
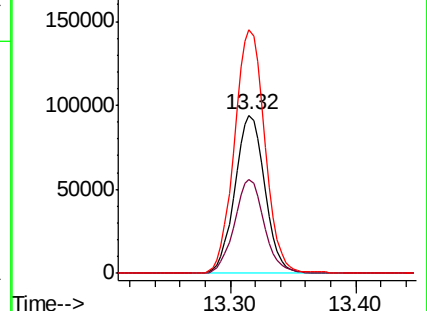
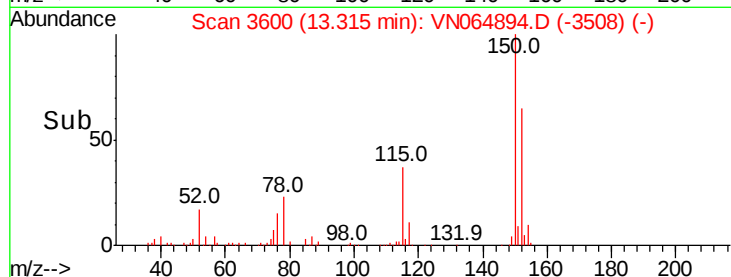
150 156.3 0.0 350.6



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: 0.511 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN064894.D

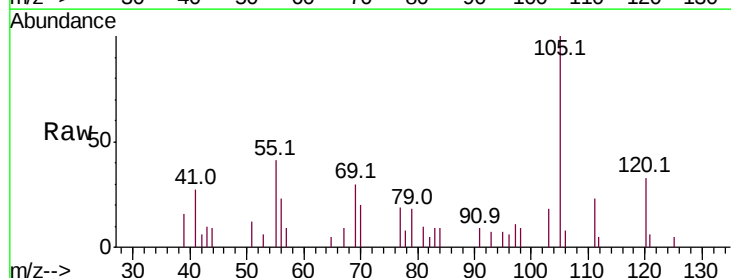
Acq: 3 Dec 2020 13:09

Tgt Ion:105 Resp: 5549

Ion Ratio Lower Upper

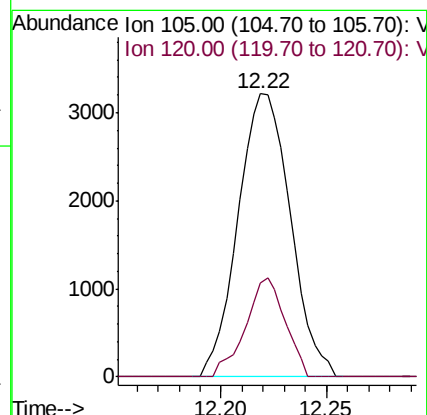
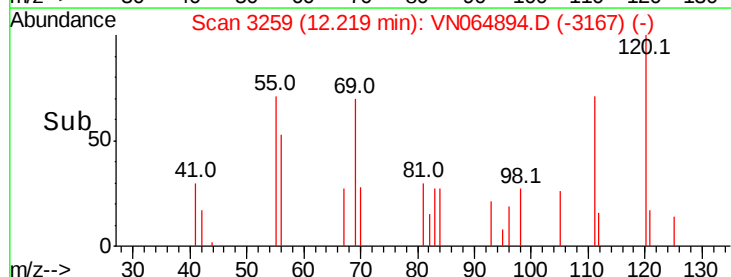
105 100

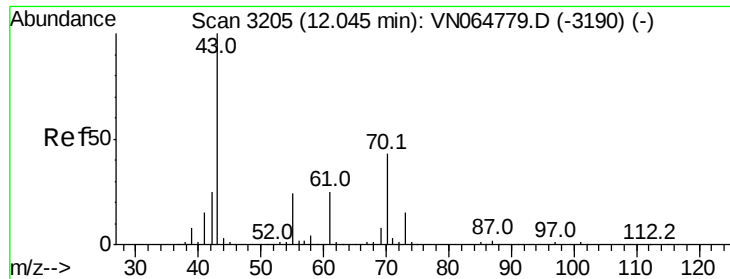
120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.492 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.03 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1203MBS01

Tot Ion: 43 Resp: 6372

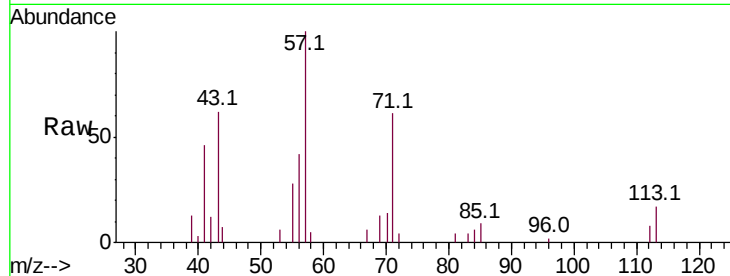
Ion Ratio Lower Upper

43 100

70 25.8 34.5 51.7#

55 26.7 20.4 30.6

61 0.0 20.0 30.0#

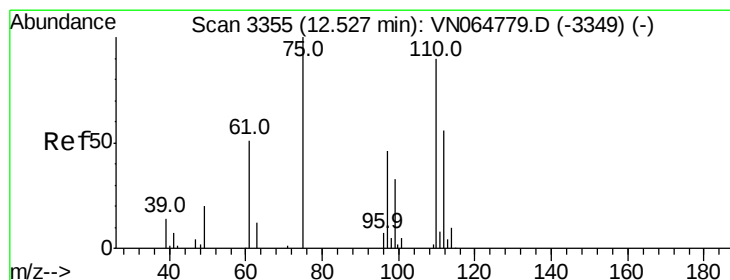
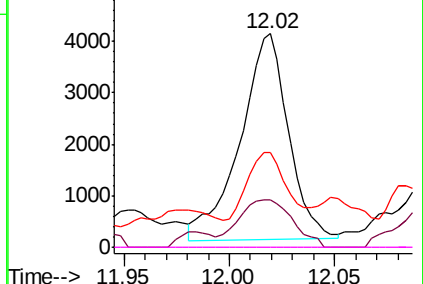
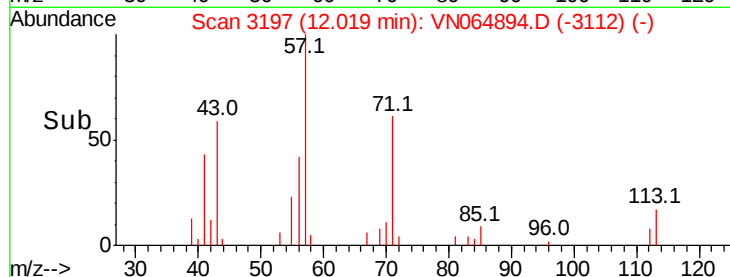


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 22.141 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN064894.D

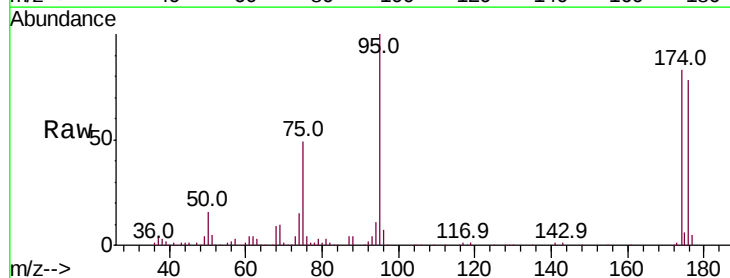
Acq: 3 Dec 2020 13:09

Tgt Ion: 75 Resp: 74397

Ion Ratio Lower Upper

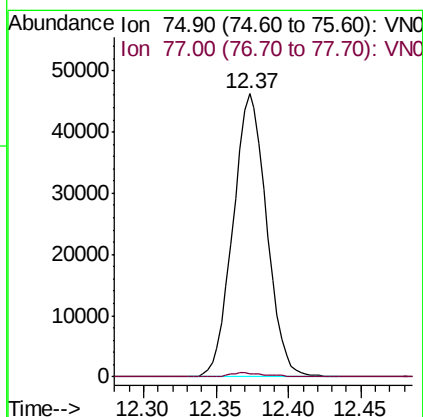
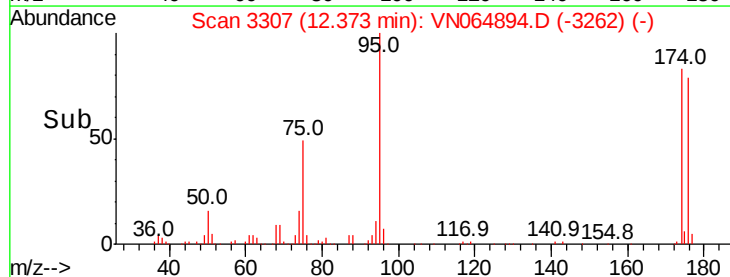
75 100

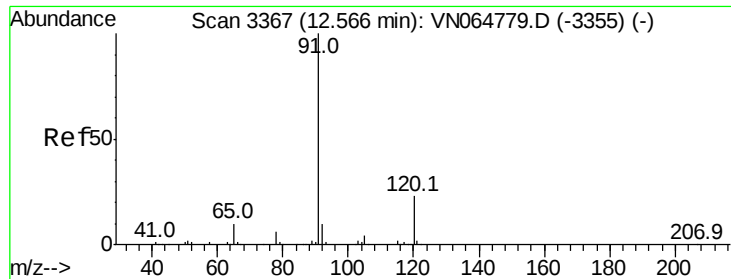
77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.848 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

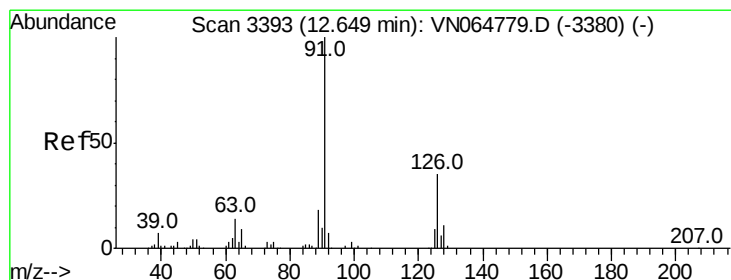
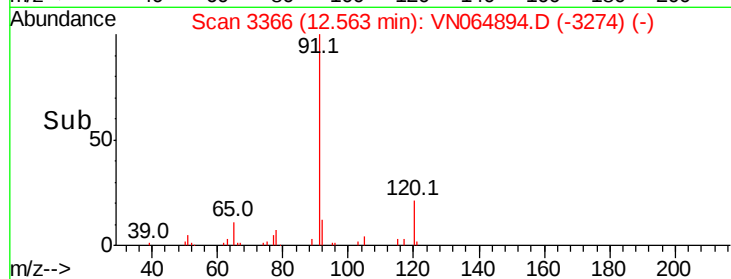
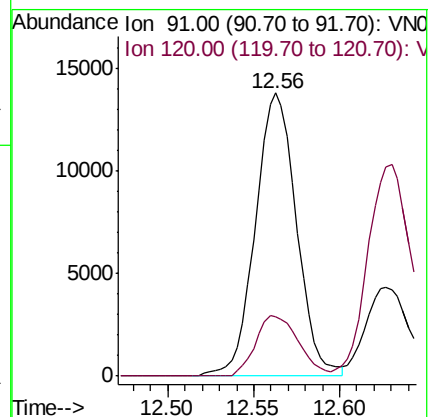
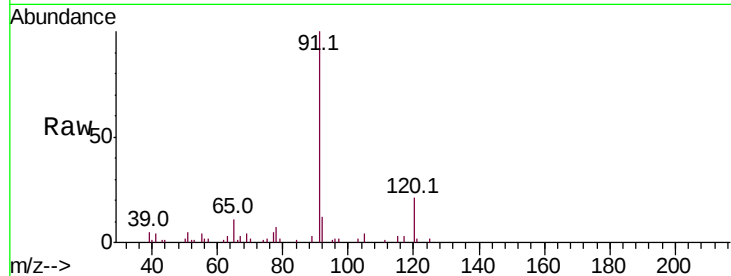
VN1203MBS01

Tot Ion: 91 Resp: 22842

Ion Ratio Lower Upper

91 100

120 22.3 11.6 34.7



#79

2-Chlorotoluene

Concen: 0.802 ug/l

RT: 12.63 min Scan# 3386

Delta R.T. -0.02 min

Lab File: VN064894.D

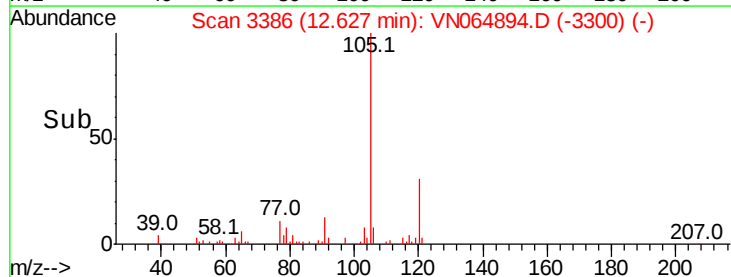
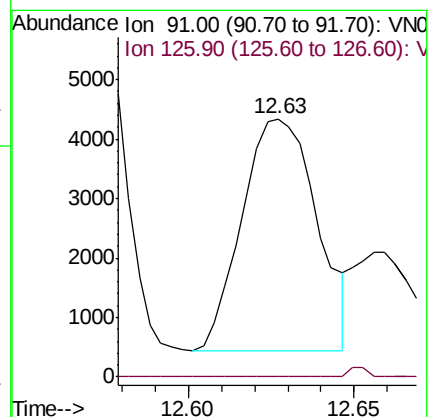
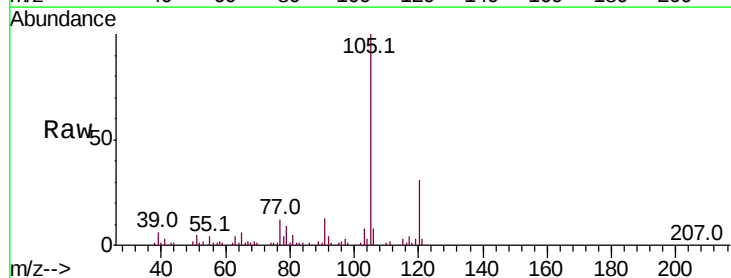
Acq: 3 Dec 2020 13:09

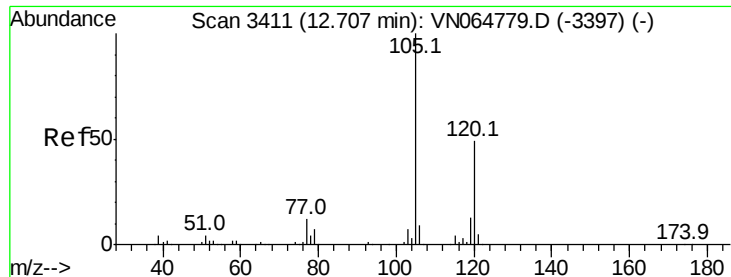
Tgt Ion: 91 Resp: 6127

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#





#80

1,3,5-Trimethylbenzene

Concen: 3.047 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

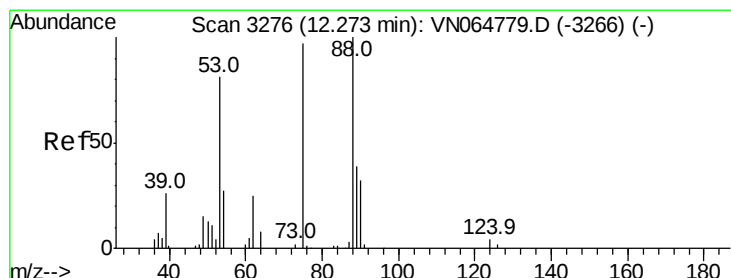
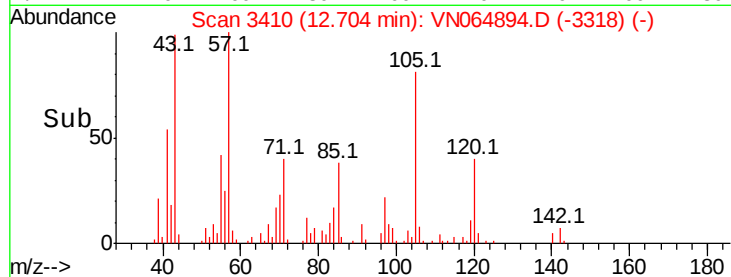
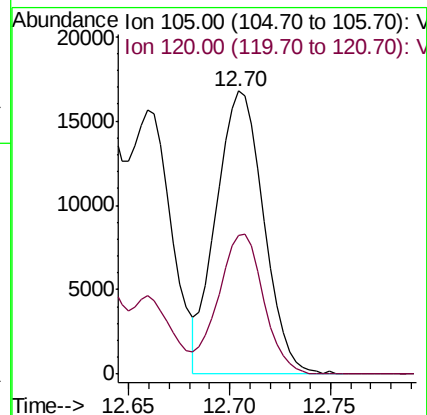
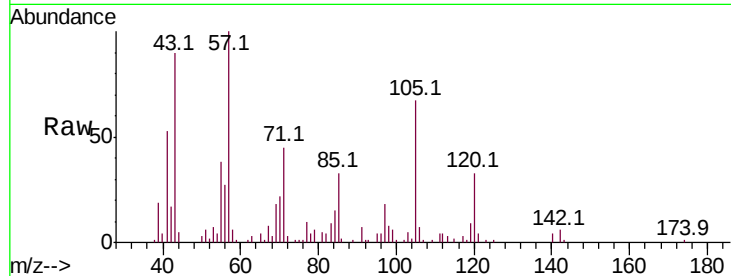
VN1203MBS01

Tot Ion:105 Resp: 27483

Ion Ratio Lower Upper

105 100

120 47.1 24.6 73.6



#81

trans-1,4-Dichloro-2-butene

Concen: 60.683 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

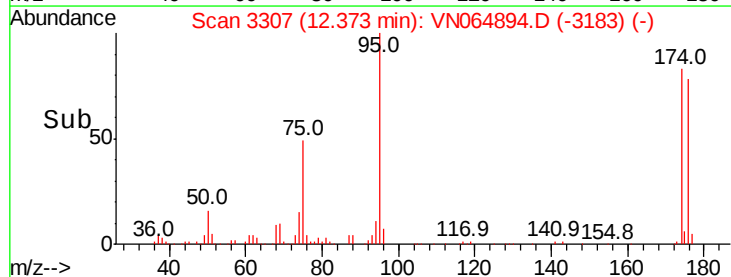
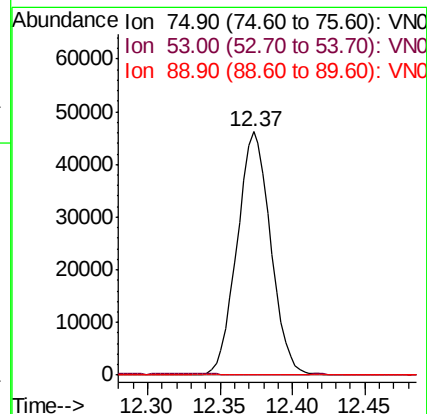
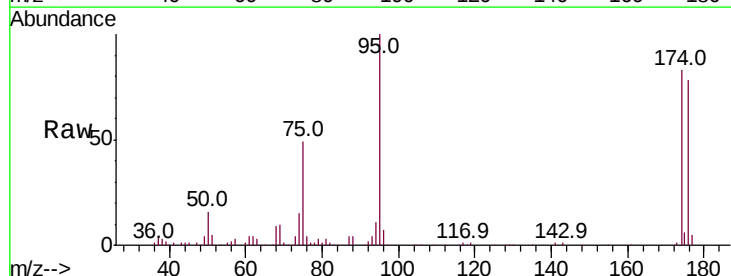
Tgt Ion: 75 Resp: 74397

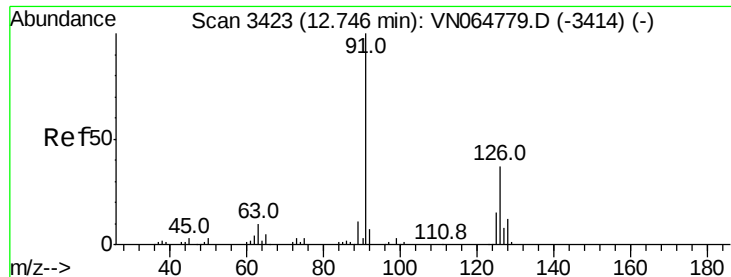
Ion Ratio Lower Upper

75 100

53 0.1 67.0 100.4#

89 0.0 39.6 59.4#





#82

4-Chlorotoluene

Concen: 0.234 ug/l

RT: 12.70 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

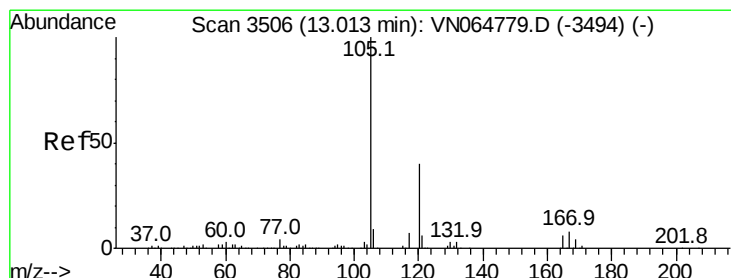
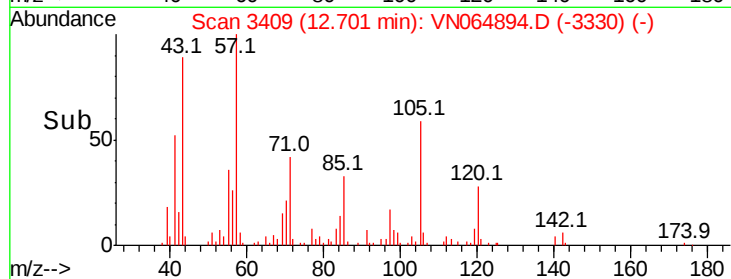
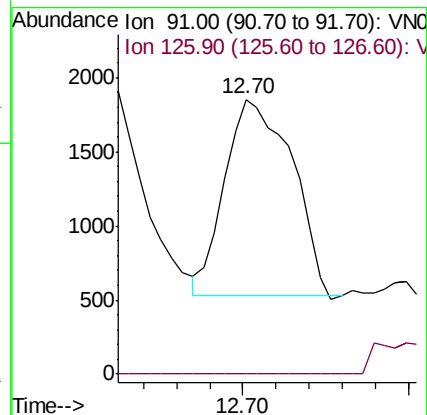
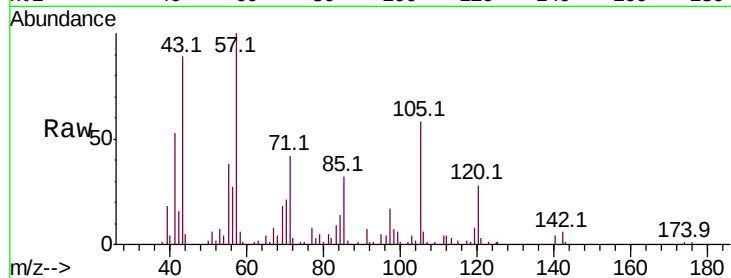
VN1203MBS01

Tot Ion: 91 Resp: 1874

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.7#



#84

1,2,4-Trimethylbenzene

Concen: 10.670 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064894.D

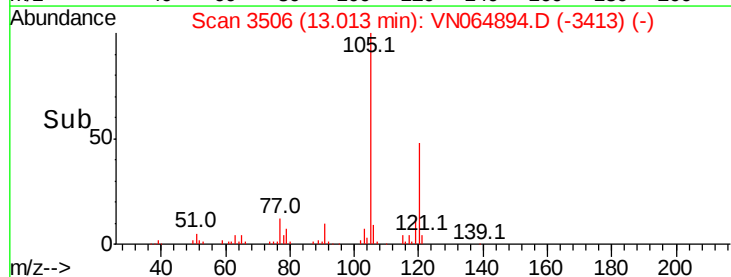
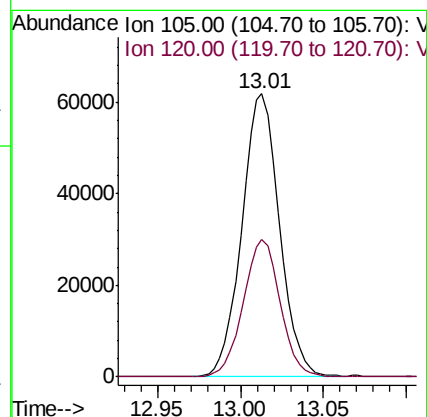
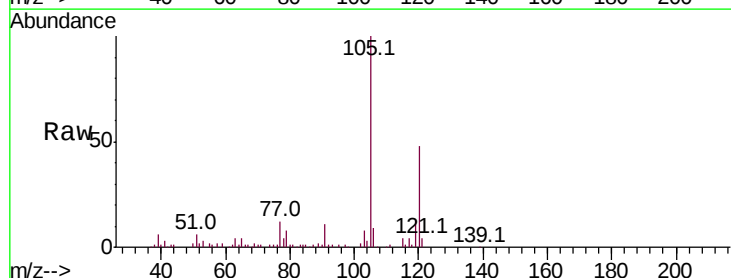
Acq: 3 Dec 2020 13:09

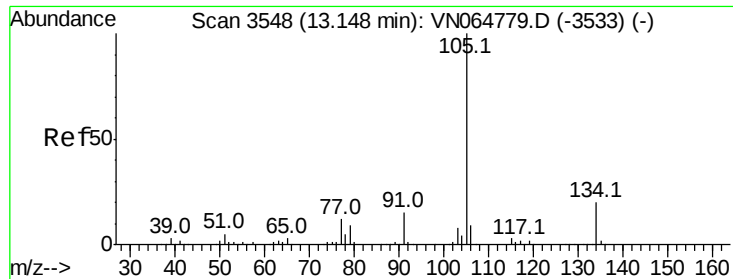
Tgt Ion: 105 Resp: 97316

Ion Ratio Lower Upper

105 100

120 47.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 0.978 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

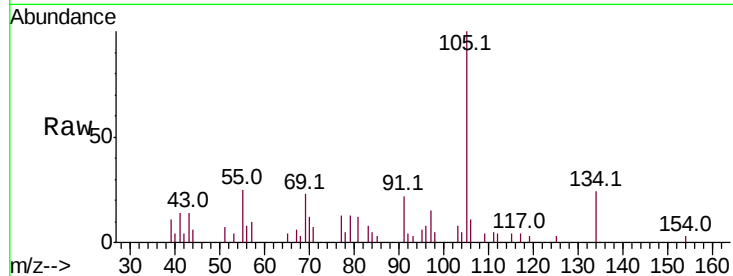
VN1203MBS01

Tot Ion:105 Resp: 9823

Ion Ratio Lower Upper

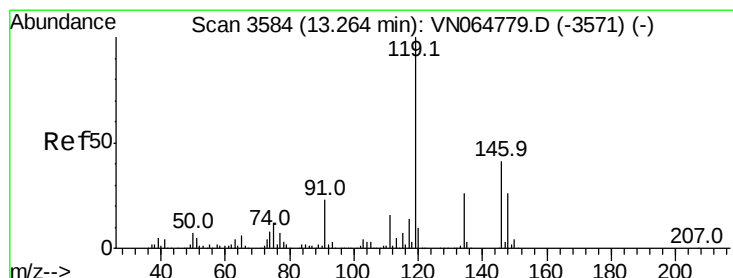
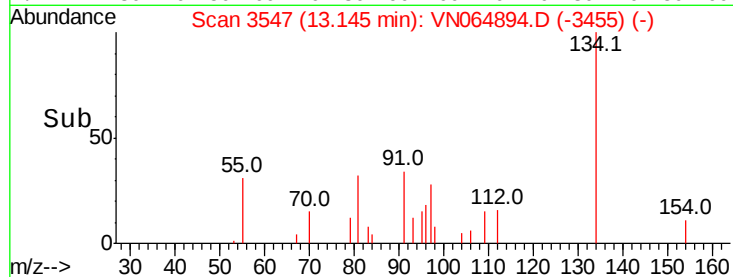
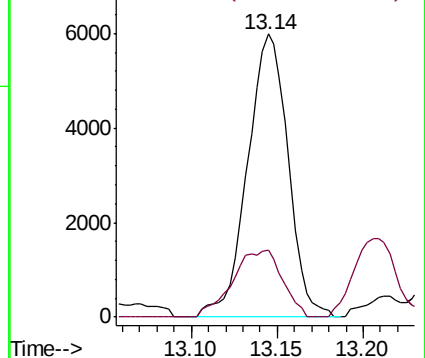
105 100

134 29.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.068 ug/l

RT: 13.21 min Scan# 3567

Delta R.T. -0.05 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

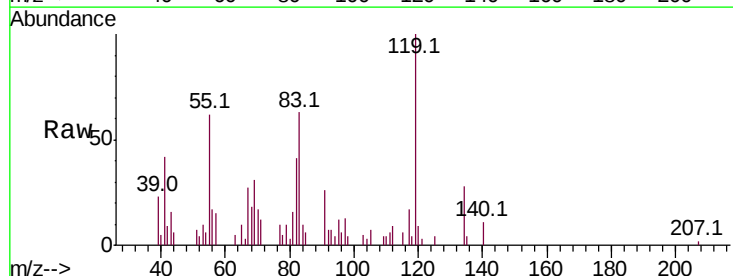
Tgt Ion:119 Resp: 9761

Ion Ratio Lower Upper

119 100

134 29.2 13.1 39.1

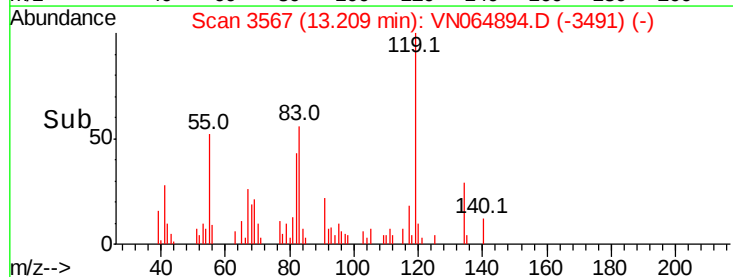
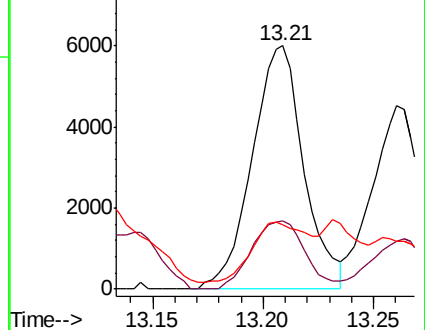
91 25.5 11.5 34.5

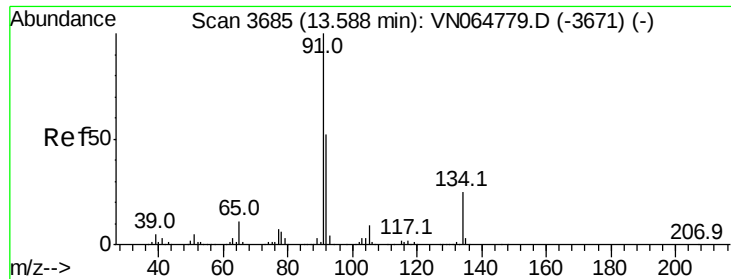


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

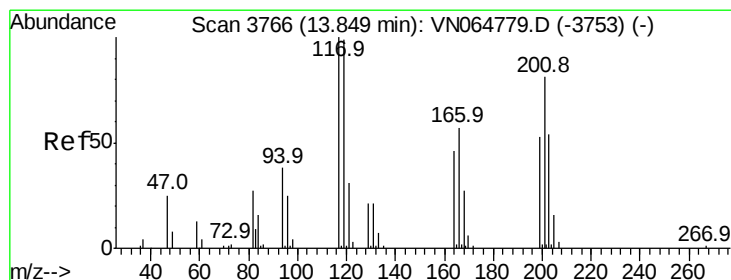
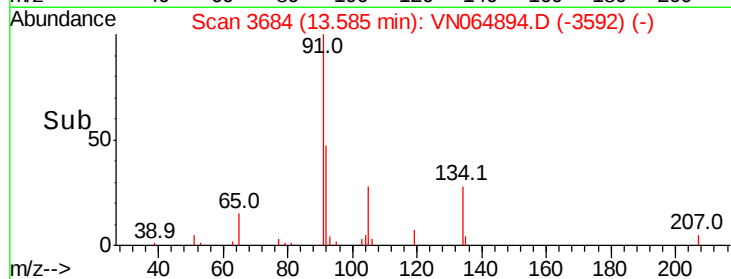
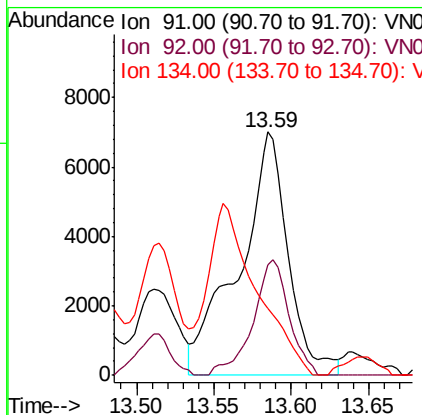
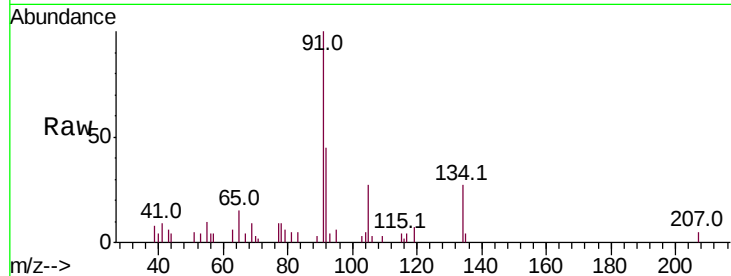




#89
n-Butylbenzene
Concen: 1.939 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

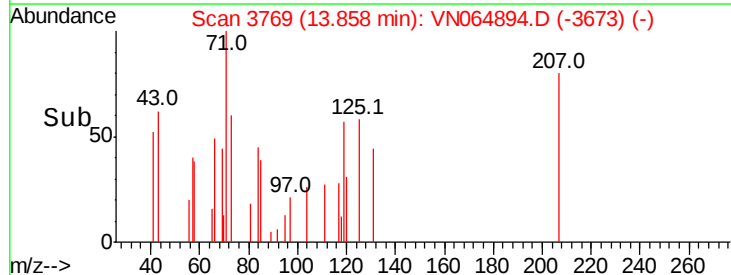
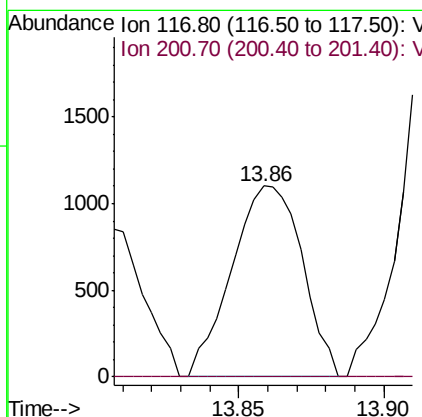
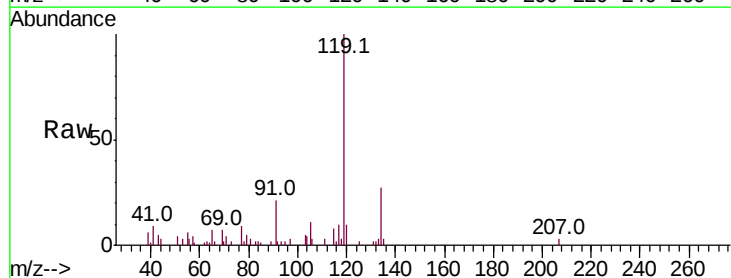
Instrument :
MSVOA_N
ClientSampleId :
VN1203MBS01

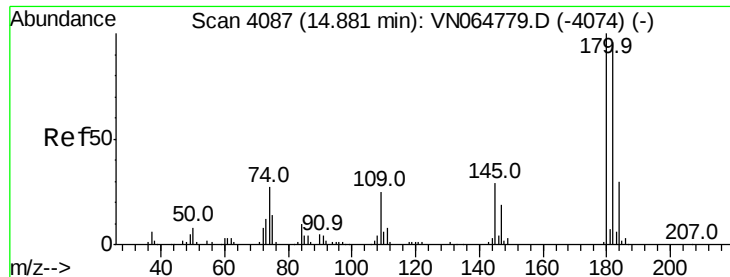
Tot Ion: 91 Resp: 15562
Ion Ratio Lower Upper
91 100
92 34.8 26.0 78.0
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 1.168 ug/l
RT: 13.86 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN064894.D
Acq: 3 Dec 2020 13:09

Tgt Ion: 117 Resp: 1854
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#

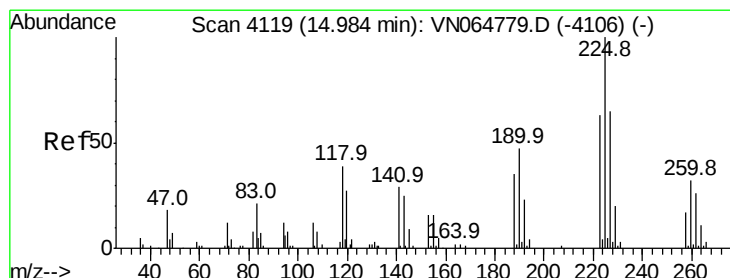
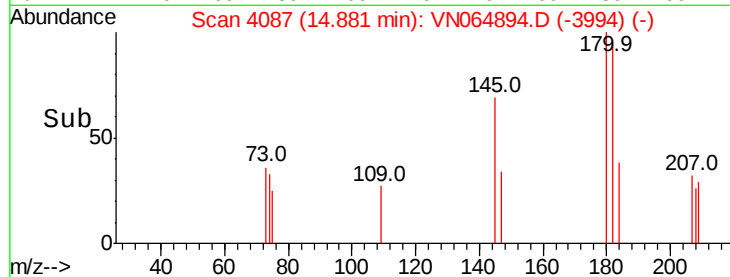
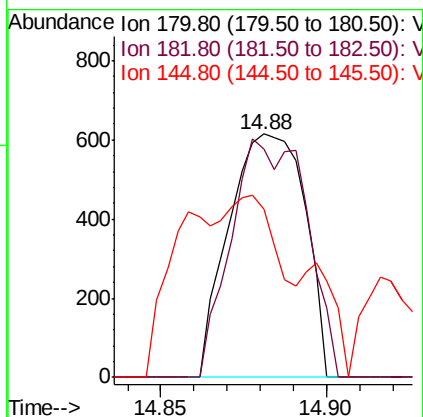
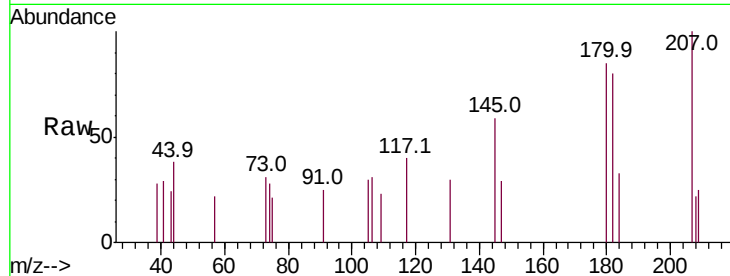




#93
 1,2,4-Trichlorobenzene
 Concen: 0.310 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

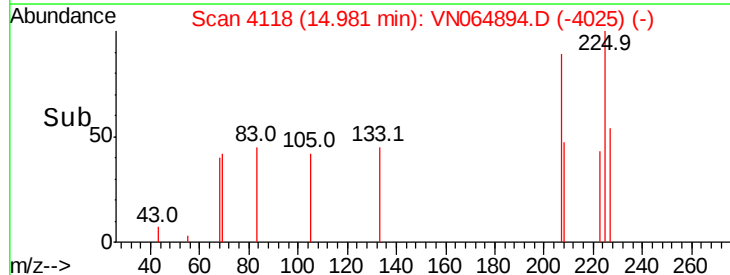
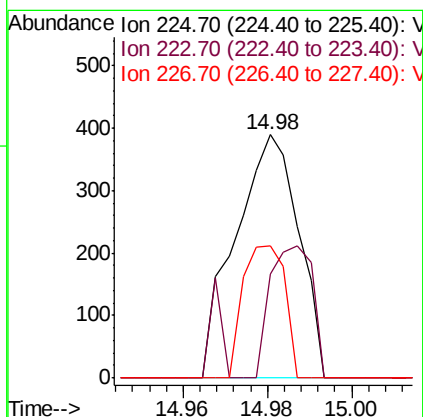
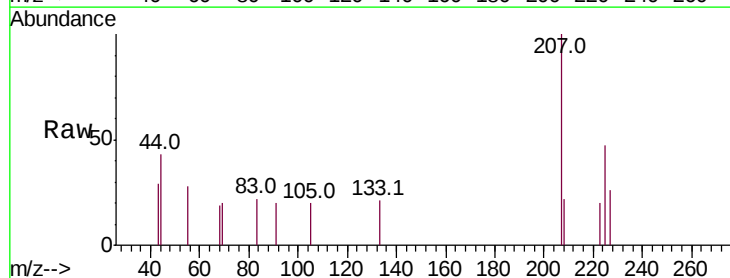
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203MBS01

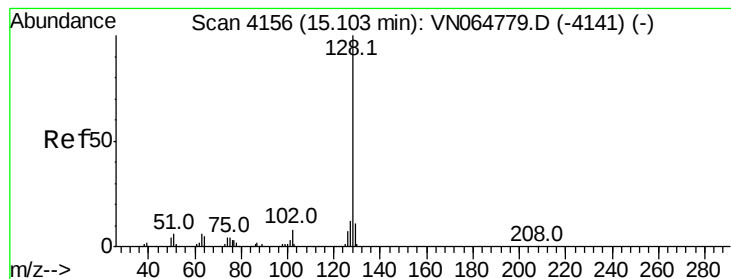
Tot Ion:180 Resp: 980
 Ion Ratio Lower Upper
 180 100
 182 97.7 47.6 142.9
 145 0.0 15.3 45.8#



#94
 Hexachlorobutadiene
 Concen: 0.655 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064894.D
 Acq: 3 Dec 2020 13:09

Tgt Ion:225 Resp: 405
 Ion Ratio Lower Upper
 225 100
 223 36.5 31.0 93.0
 227 36.3 32.0 96.0





#95

Naphthalene

Concen: 1.490 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

VN1203MBS01

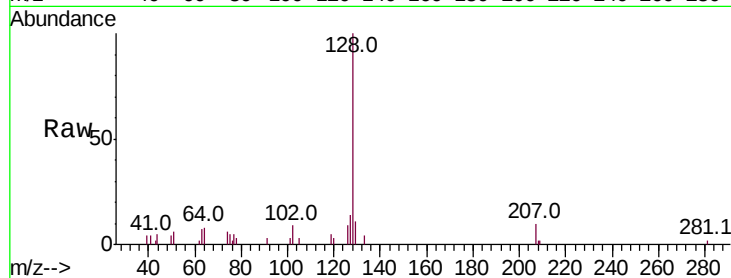
Tot Ion:128 Resp: 14097

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

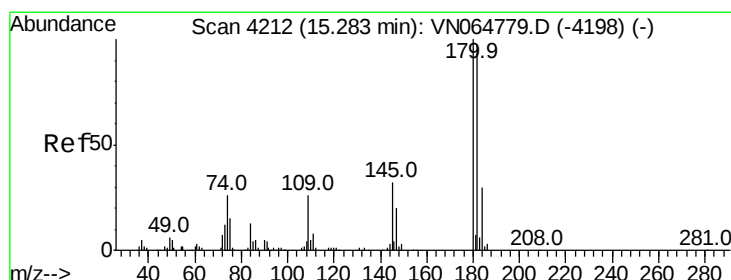
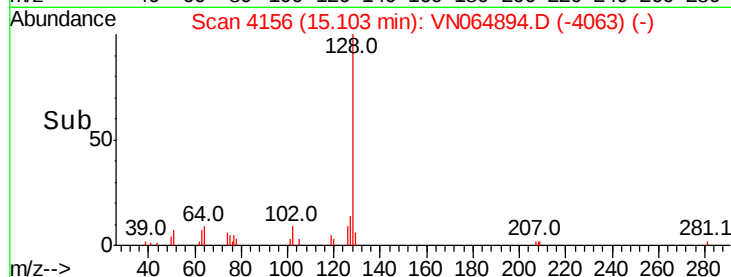
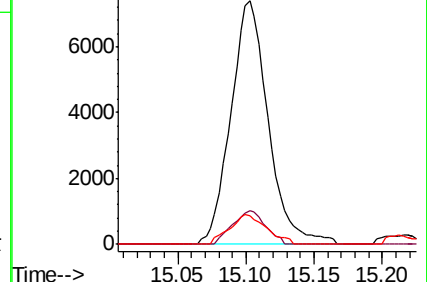
129 12.0 8.7 13.1



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: 1.741 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064894.D

Acq: 3 Dec 2020 13:09

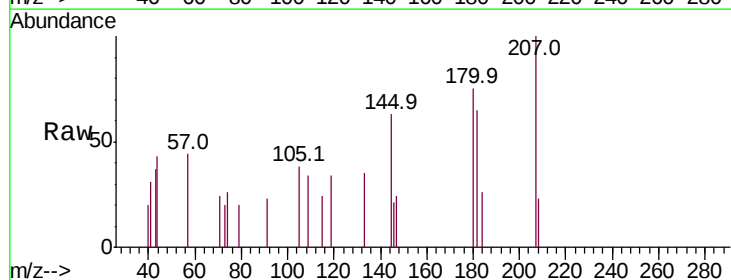
Tgt Ion:180 Resp: 1077

Ion Ratio Lower Upper

180 100

182 100.1 48.1 144.4

145 59.6 16.4 49.1#



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

