

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058720.D
 Acq On : 11 Oct 2019 22:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 12 00:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	3096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	3549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	2470	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	2033	126.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	253.44%	
35) Dibromofluoromethane	7.57	113	745	38.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	77.92%	
50) Toluene-d8	10.09	98	3199	41.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.66%	
62) 4-Bromofluorobenzene	12.41	95	2100	72.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	145.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	546	32.171	ug/l #	73
5) Bromomethane	2.55	94	222	21.589	ug/l #	3
6) Chloroethane	2.76	64	136	13.044	ug/l #	43
11) Tert butyl alcohol	4.75	59	183	70.430	ug/l #	72
14) Allyl chloride	4.30	41	31	1.396	ug/l #	1
16) Acetone	3.81	43	1069	160.944	ug/l #	46
17) Carbon Disulfide	4.03	76	689	19.585	ug/l #	75
18) Methyl Acetate	4.31	43	248	14.720	ug/l #	54
20) Methylene Chloride	4.51	84	361	26.006	ug/l #	21
25) 2-Butanone	6.81	43	437	45.519	ug/l #	50
26) 2,2-Dichloropropane	6.81	77	1028	45.789	ug/l #	55
27) cis-1,2-Dichloroethene	6.80	96	33	2.299	ug/l #	1
30) Chloroform	7.35	83	739	29.906	ug/l #	82
37) Ethyl Acetate	6.84	43	97	3.064	ug/l #	69
40) Benzene	8.04	78	34	0.378	ug/l #	52
41) Methacrylonitrile	7.17	41	32	2.159	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	134	4.424	ug/l #	37
52) Toluene	10.27	92	58	1.055	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	240	6.735	ug/l #	1
54) cis-1,3-Dichloropropene	9.83	75	94	2.484	ug/l #	32
55) 1,1,2-Trichloroethane	10.57	97	196	8.709	ug/l #	14
59) 2-Hexanone	10.86	43	178	7.605	ug/l #	26
67) Ethyl Benzene	11.63	91	165	1.284	ug/l #	45
74) N-amyl acetate	12.09	43	144	1.792	ug/l #	44
76) 1,2,3-Trichloropropane	12.54	75	93	1.716	ug/l #	100
79) 2-Chlorotoluene	12.60	91	30	0.232	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.30	75	102	5.042	ug/l #	11
82) 4-Chlorotoluene	12.60	91	30	0.226	ug/l #	43
83) tert-Butylbenzene	12.74	119	96	0.734	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.17	105	31	0.204	ug/l #	32
86) p-Isopropyltoluene	13.43	119	100	0.638	ug/l #	51
87) 1,3-Dichlorobenzene	13.29	146	29	0.361	ug/l #	25
88) 1,4-Dichlorobenzene	13.29	146	29	0.355	ug/l #	25
89) n-Butylbenzene	13.62	91	62	0.428	ug/l #	34

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QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

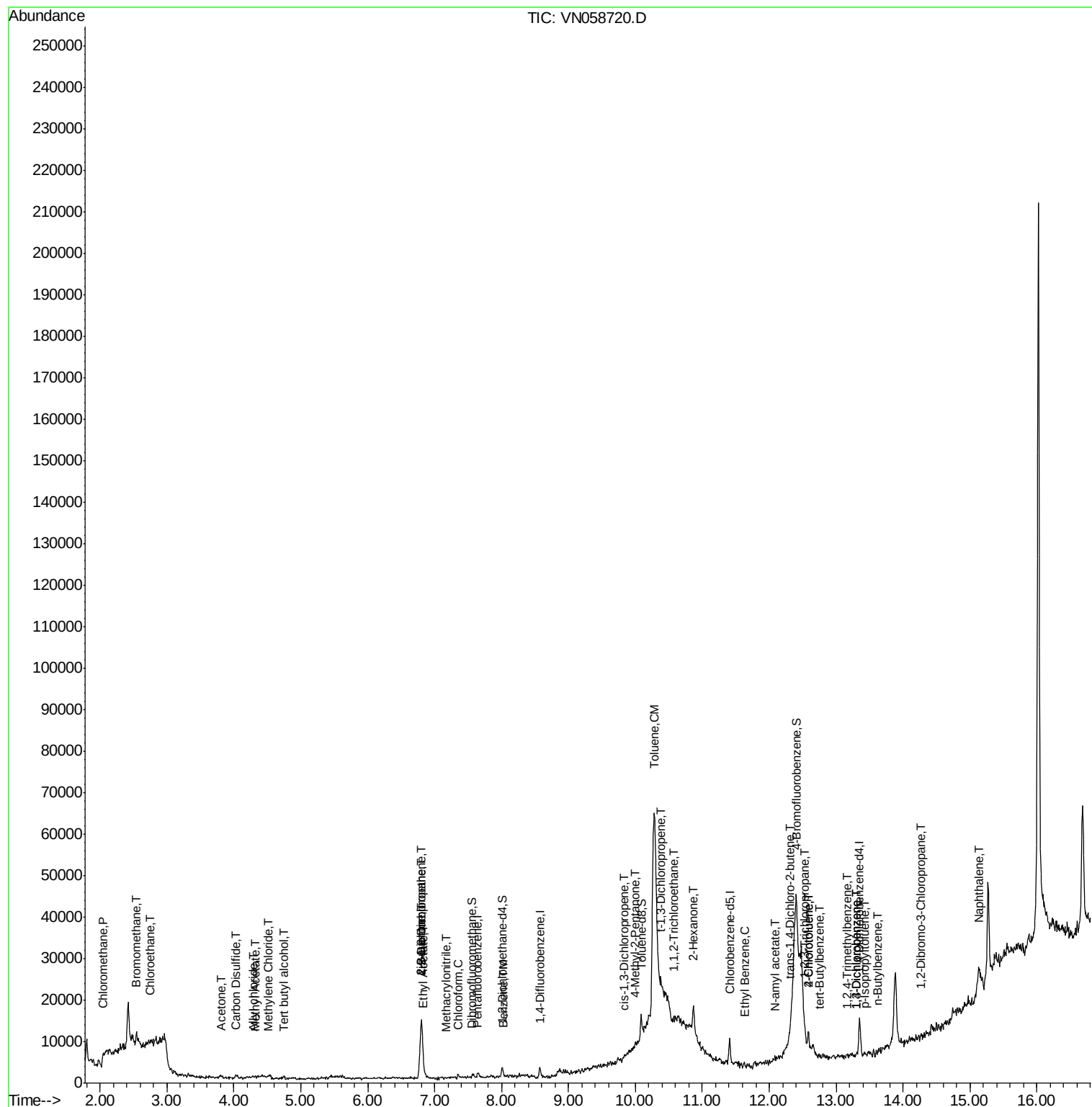
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.28	75	94	6.828	ug/l #	5
95) Naphthalene	15.14	128	388	2.830	ug/l #	70

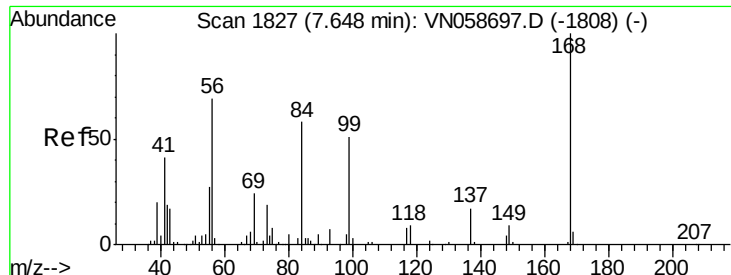
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

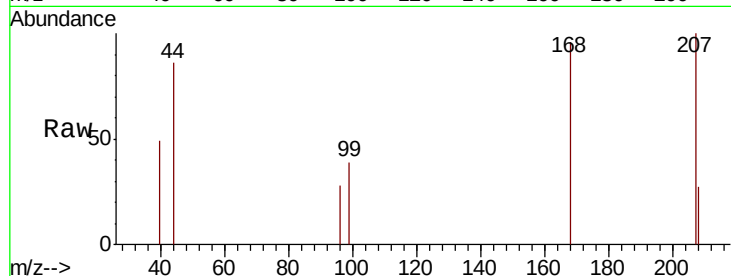
VSTDCCC050EC

Tot Ion:168 Resp: 1146

Ion Ratio Lower Upper

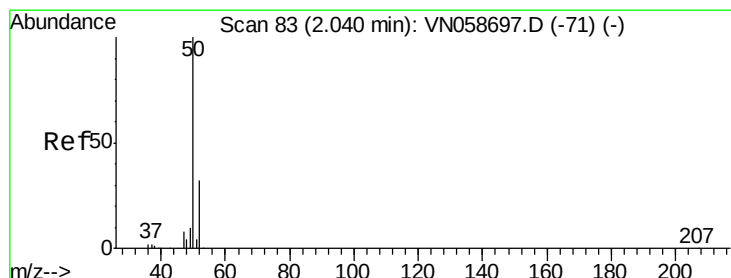
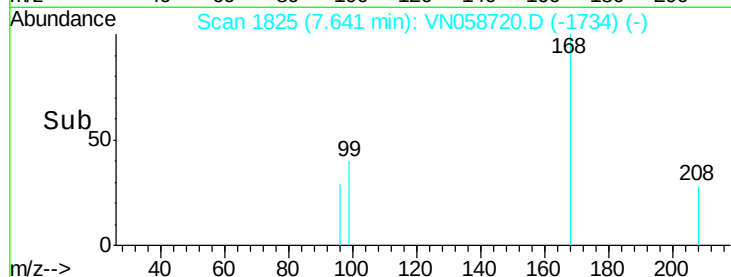
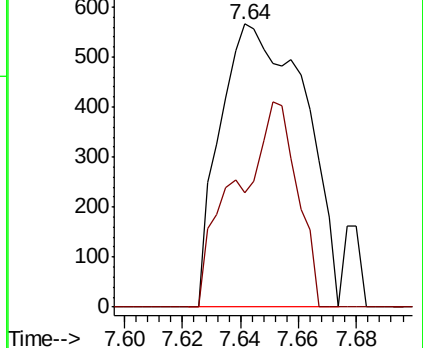
168 100

99 40.3 47.5 71.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 32.171 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058720.D

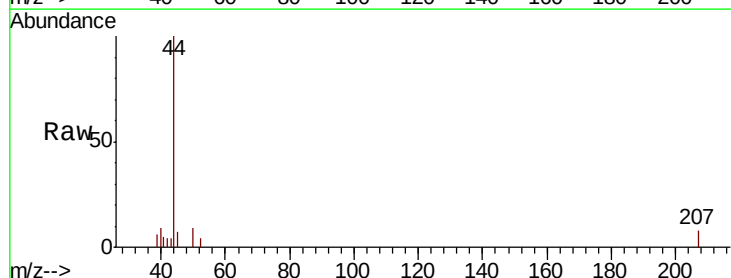
Acq: 11 Oct 2019 22:14

Tgt Ion: 50 Resp: 546

Ion Ratio Lower Upper

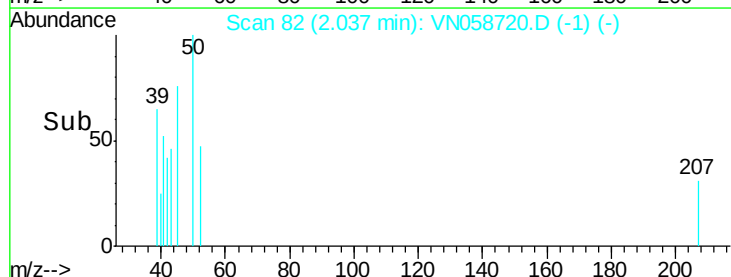
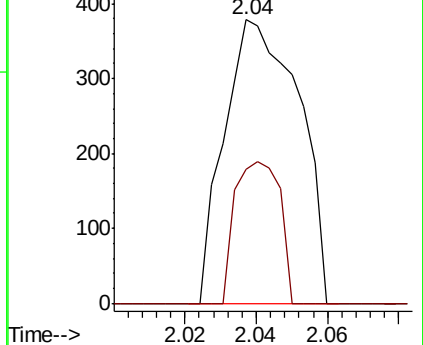
50 100

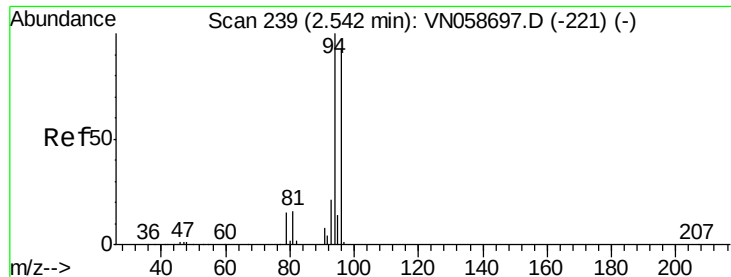
52 47.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

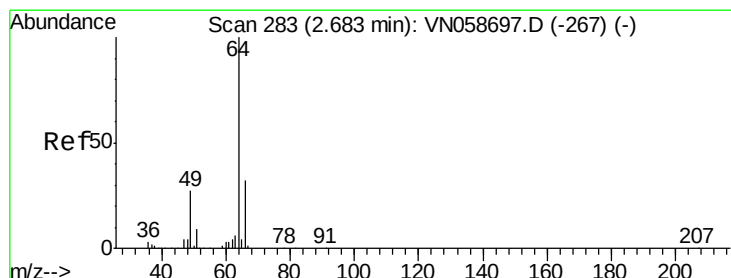
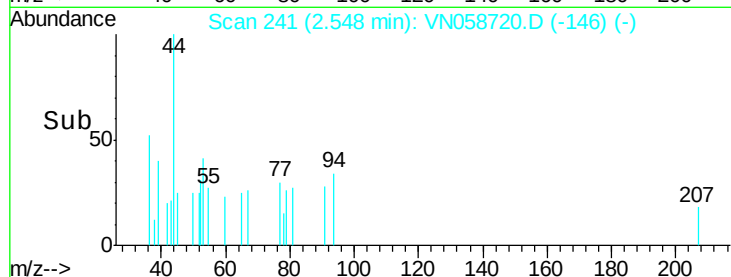
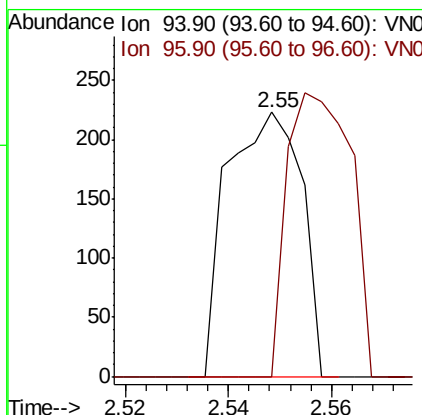
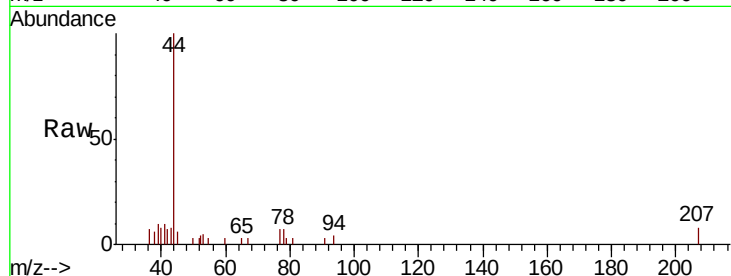




#5
 Bromomethane
 Concen: 21.589 ug/l
 RT: 2.55 min Scan# 241
 Delta R.T. 0.01 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

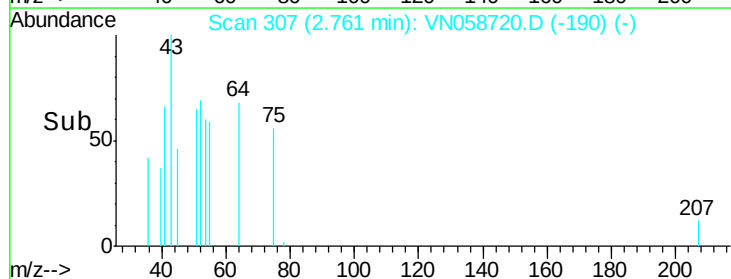
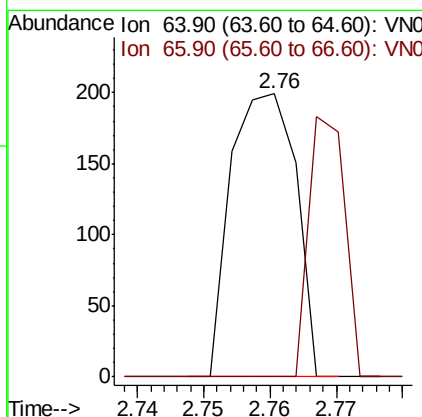
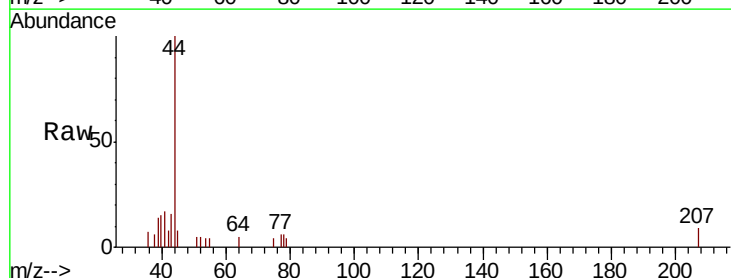
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

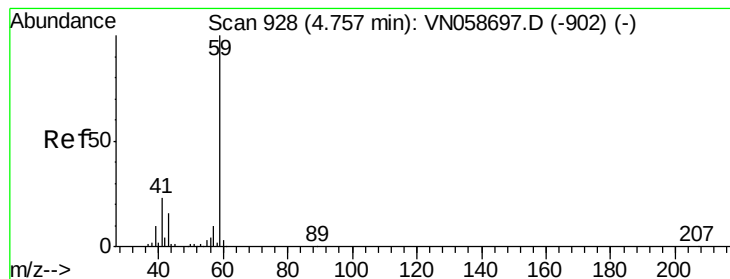
Tot Ion: 94 Resp: 222
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.5 111.7#



#6
 Chloroethane
 Concen: 13.044 ug/l
 RT: 2.76 min Scan# 307
 Delta R.T. 0.08 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion: 64 Resp: 136
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 70.430 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

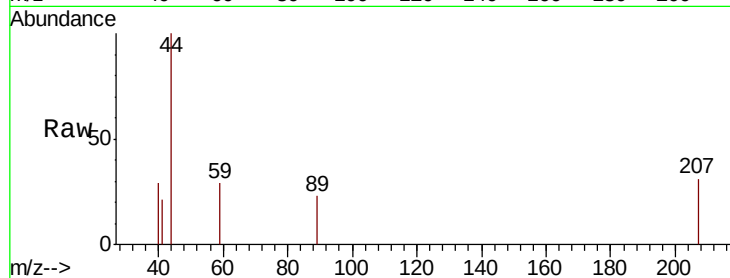
VSTDCCC050EC

Tot Ion: 59 Resp: 183

Ion Ratio Lower Upper

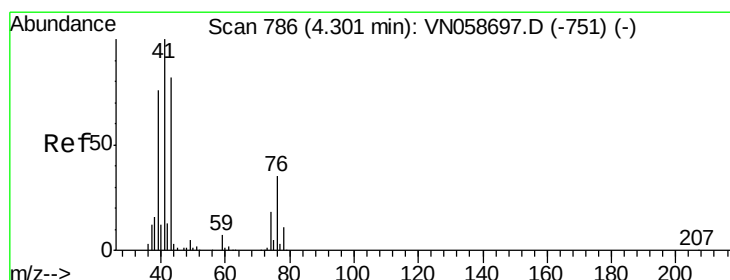
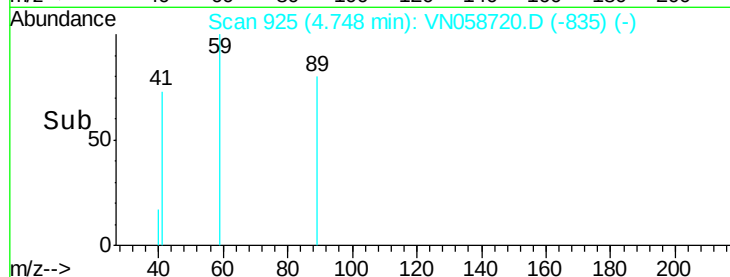
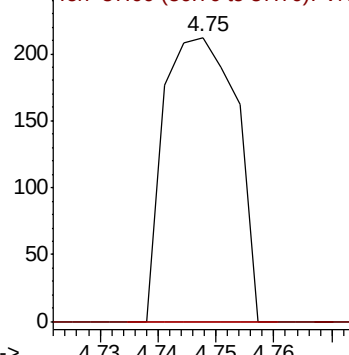
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#14

Allyl chloride

Concen: 1.396 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

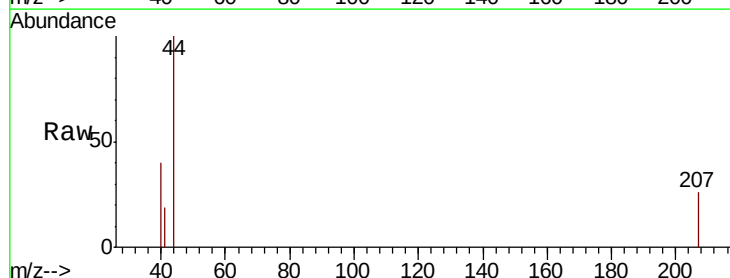
Tgt Ion: 41 Resp: 31

Ion Ratio Lower Upper

41 100

39 209.7 57.2 85.8#

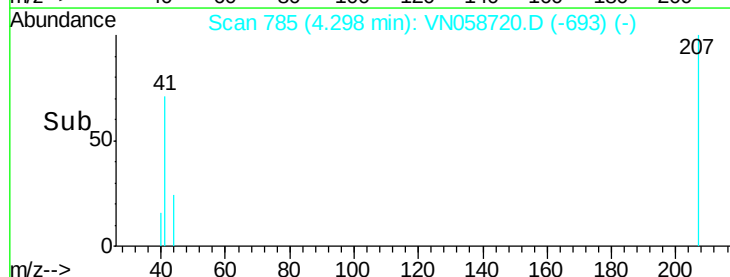
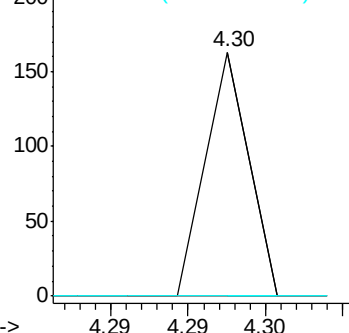
76 0.0 25.0 37.6#

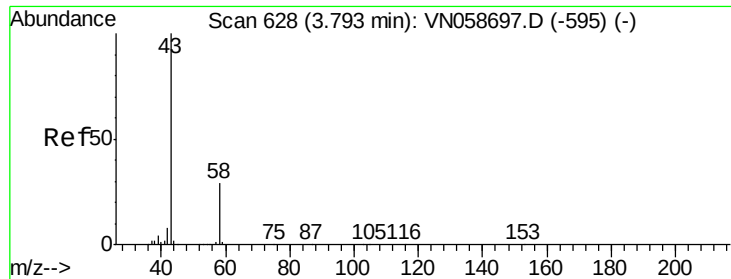


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 160.944 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

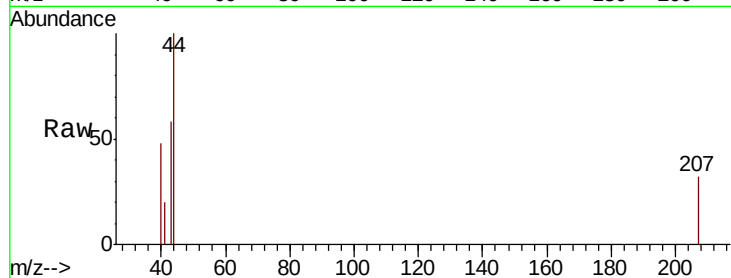
VSTDCCC050EC

Tot Ion: 43 Resp: 1069

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

400

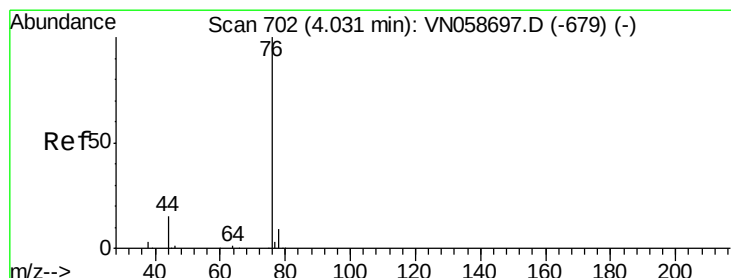
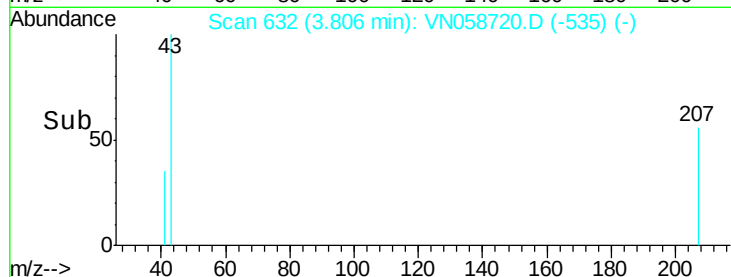
300

200

100

0

Time--> 3.75 3.80 3.85



#17

Carbon Disulfide

Concen: 19.585 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058720.D

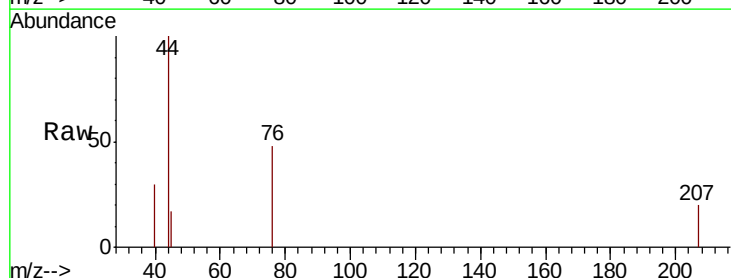
Acq: 11 Oct 2019 22:14

Tgt Ion: 76 Resp: 689

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

500

400

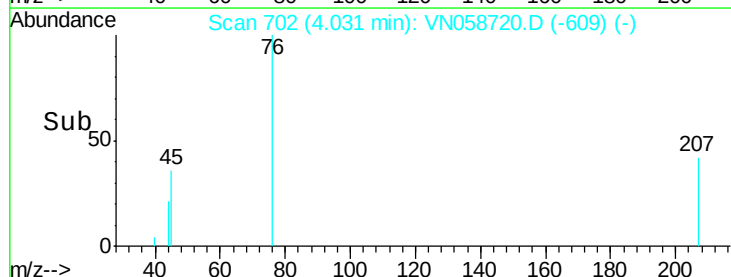
300

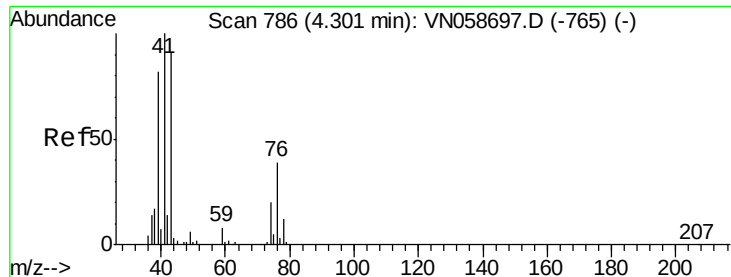
200

100

0

Time--> 4.00 4.02 4.04 4.06

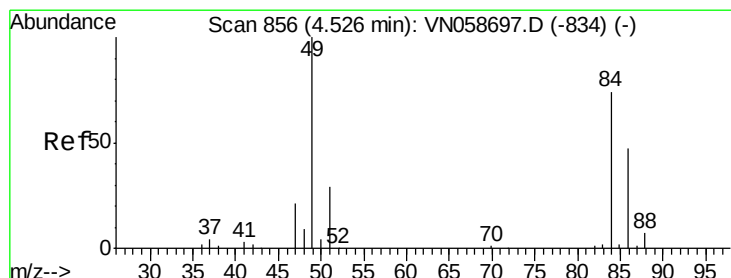
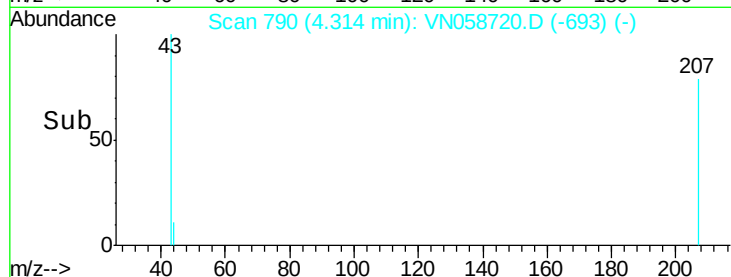
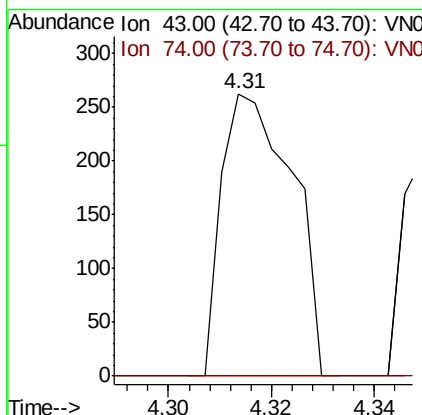
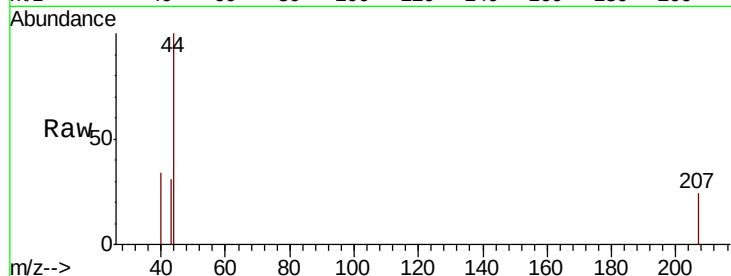




#18
Methyl Acetate
Concen: 14.720 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

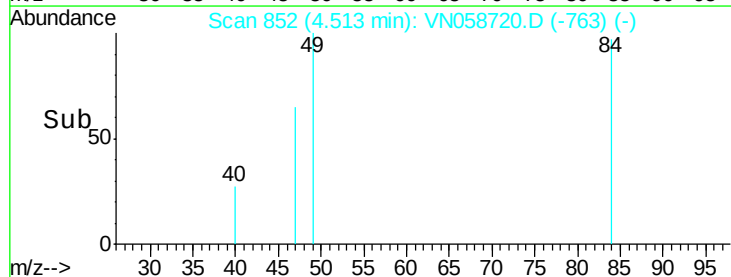
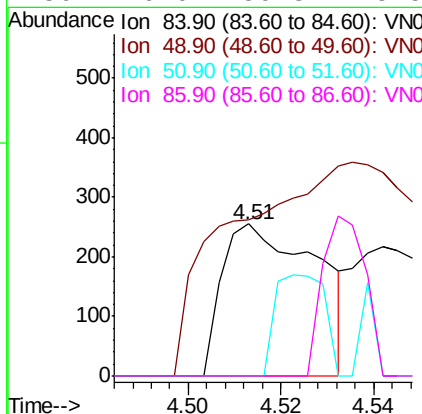
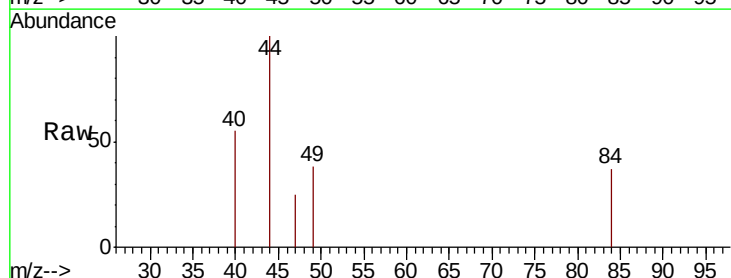
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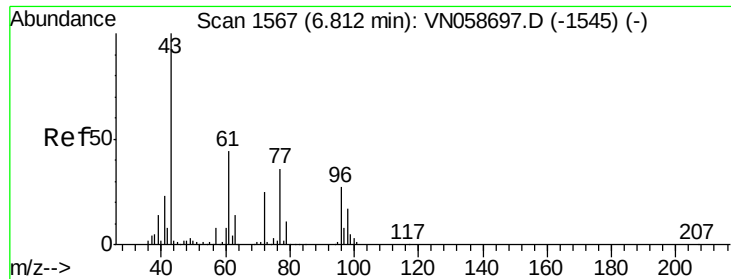
Tot Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#20
Methylene Chloride
Concen: 26.006 ug/l
RT: 4.51 min Scan# 852
Delta R.T. -0.01 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

Tgt Ion: 84 Resp: 361
Ion Ratio Lower Upper
84 100
49 36.1 107.6 161.4#
51 0.0 31.4 47.0#
86 0.0 50.3 75.5#

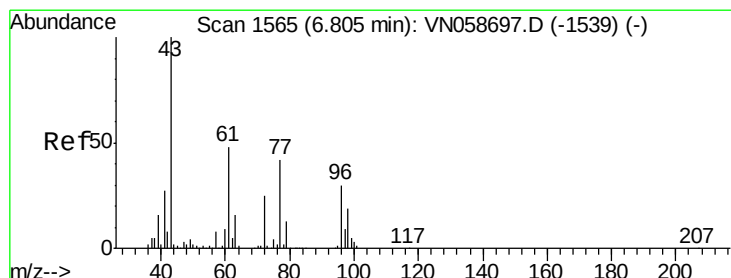
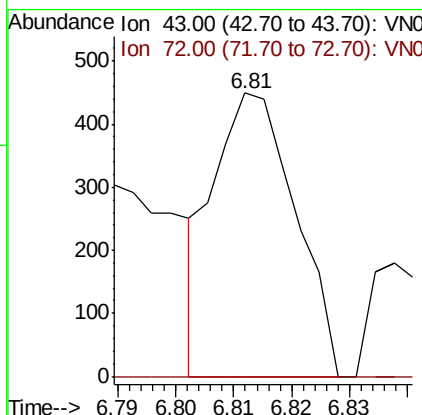
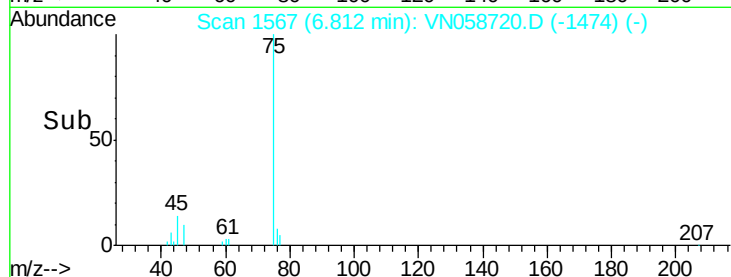
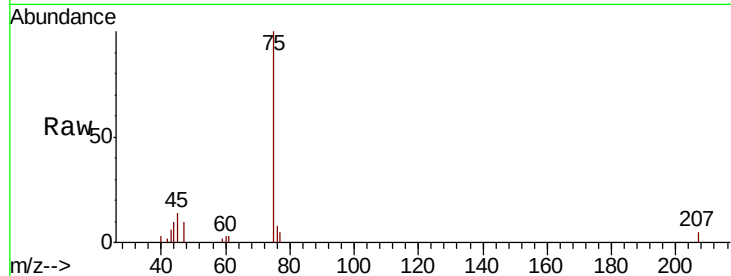




#25
 2-Butanone
 Concen: 45.519 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

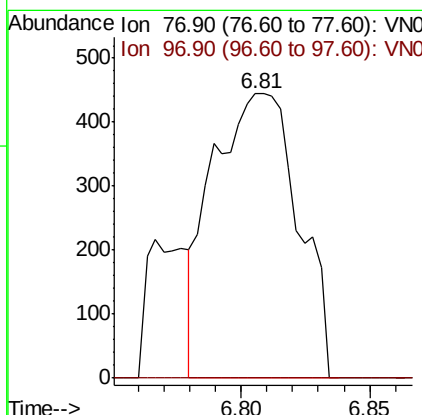
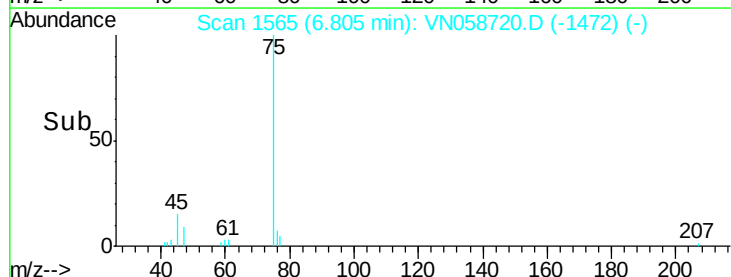
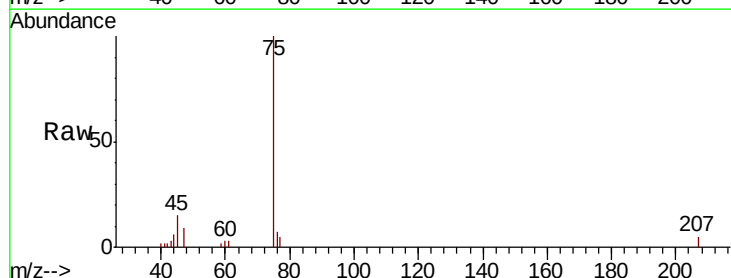
Instrument :
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 VSTDCCC050EC

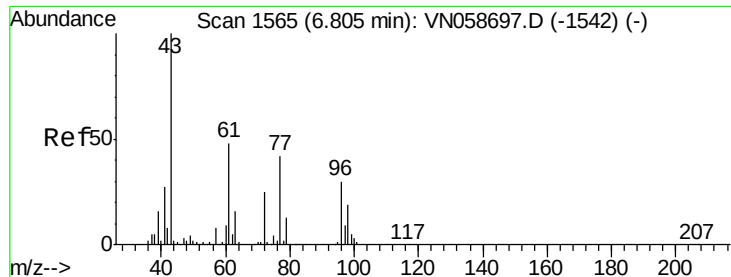
Tot Ion: 43 Resp: 437
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.2 30.2#



#26
 2,2-Dichloropropane
 Concen: 45.789 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion: 77 Resp: 1028
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.7 31.9#





#27

cis-1,2-Dichloroethene

Concen: 2.299 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

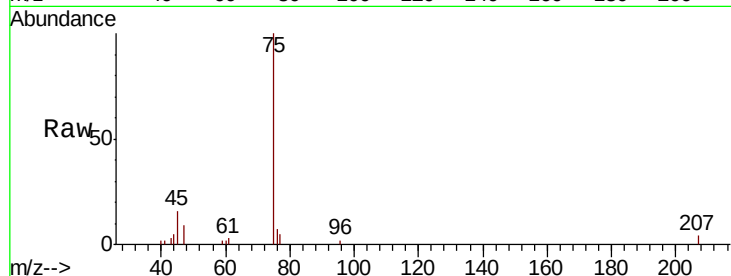
Tot Ion: 96 Resp: 33

Ion Ratio Lower Upper

96 100

61 1906.1 0.0 324.8#

98 0.0 0.0 129.2

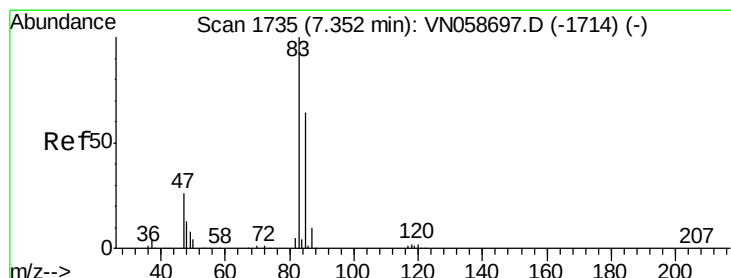
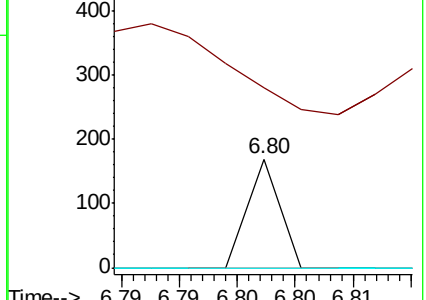
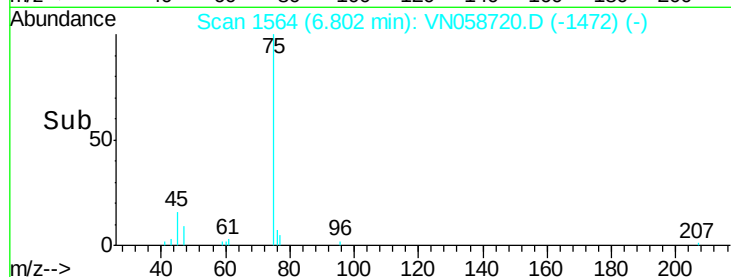


Abundance Ion 95.90 (95.60 to 96.60): VN058720.D (-1472) (-)

Ion 60.90 (60.60 to 61.60): VN058720.D (-1472) (-)

Ion 97.90 (97.60 to 98.60): VN058720.D (-1472) (-)

Time-->



#30

Chloroform

Concen: 29.906 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN058720.D

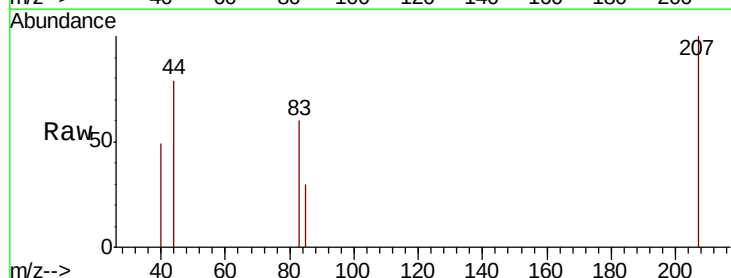
Acq: 11 Oct 2019 22:14

Tgt Ion: 83 Resp: 739

Ion Ratio Lower Upper

83 100

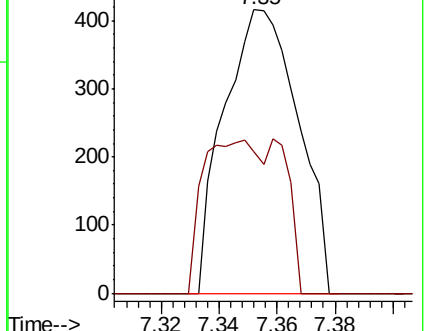
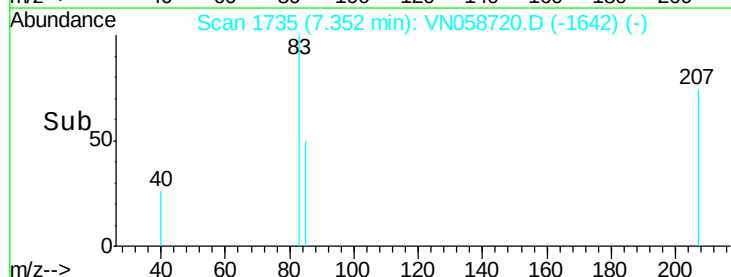
85 49.8 51.0 76.6#

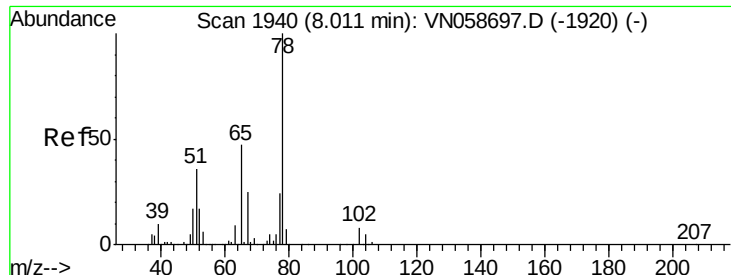


Abundance Ion 82.90 (82.60 to 83.60): VN058720.D (-1642) (-)

Ion 84.90 (84.60 to 85.60): VN058720.D (-1642) (-)

Time-->

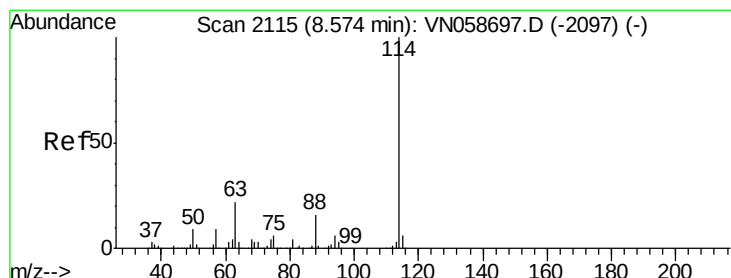
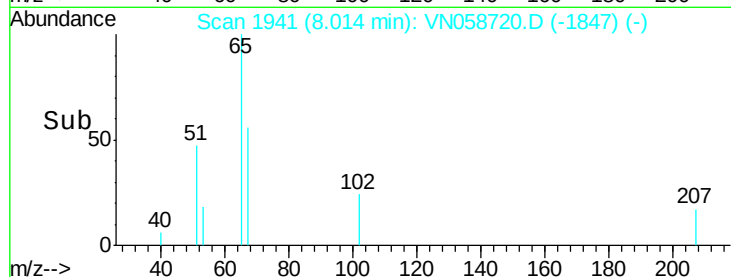
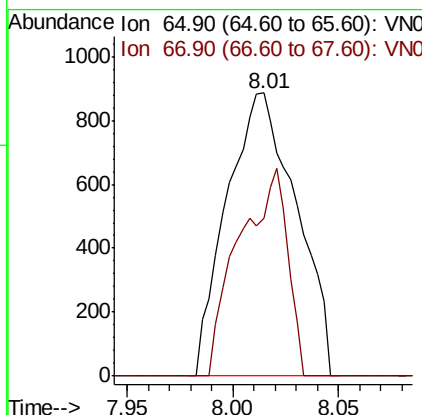
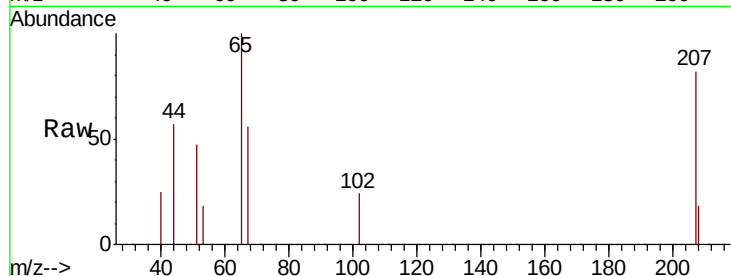




#33
 1,2-Dichloroethane-d4
 Concen: 126.716 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

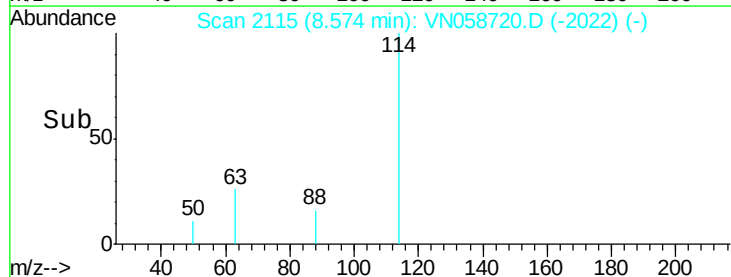
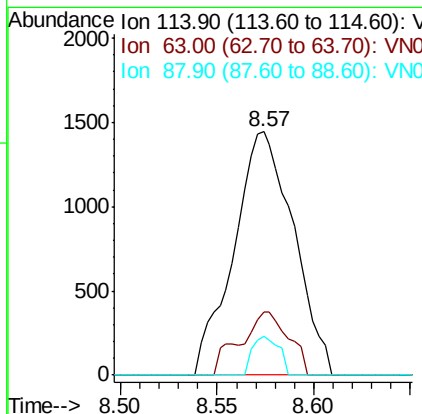
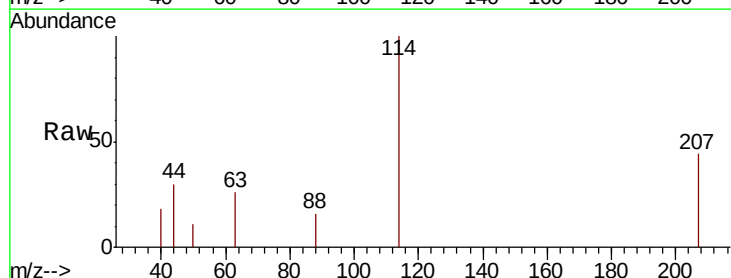
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

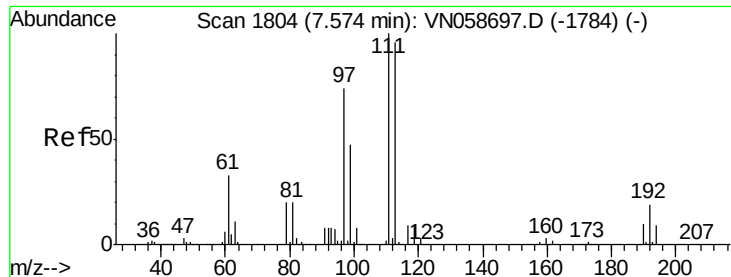
Tot Ion: 65 Resp: 2033
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion: 114 Resp: 3096
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 43.8
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 38.958 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

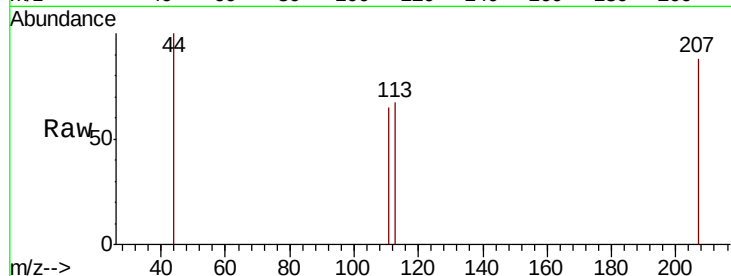
Tot Ion:113 Resp: 745

Ion Ratio Lower Upper

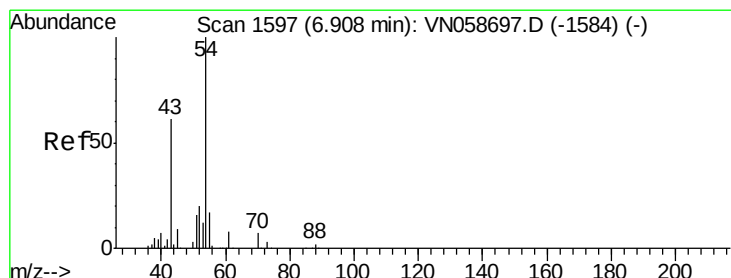
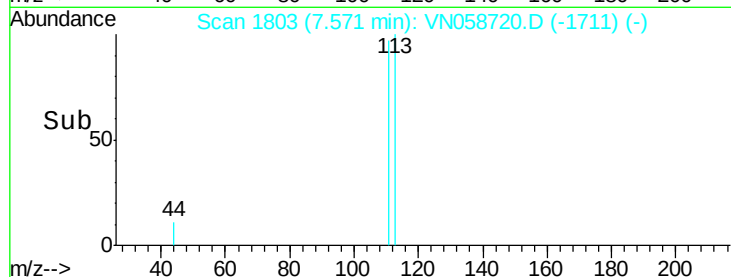
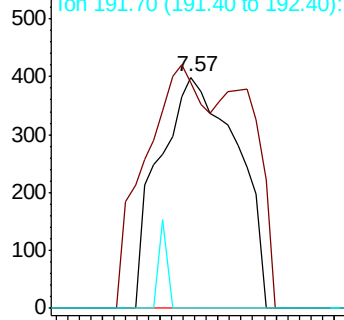
113 100

111 82.6 82.3 123.5

192 4.0 15.0 22.6#



Abundance Ion 112.80 (112.50 to 113.50): V



#37

Ethyl Acetate

Concen: 3.064 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.07 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

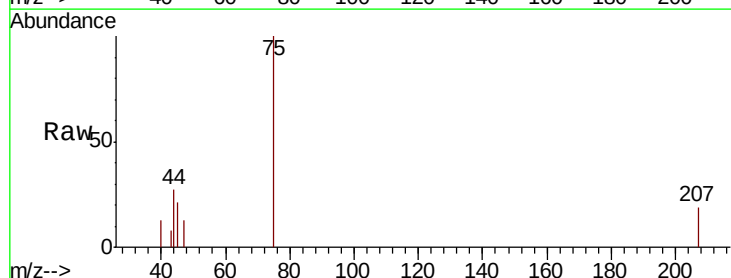
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

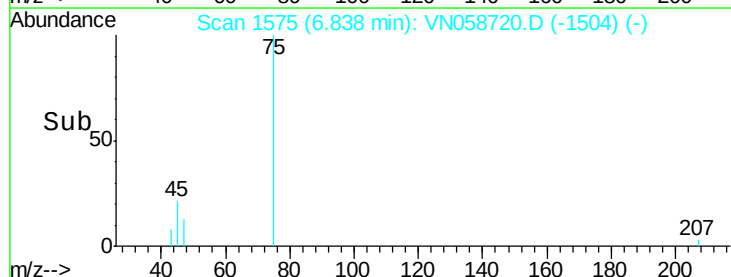
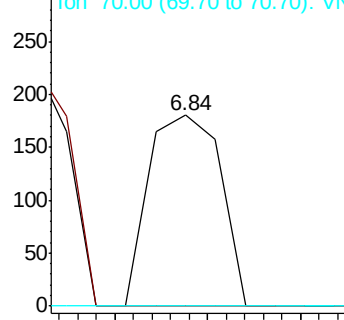
43 100

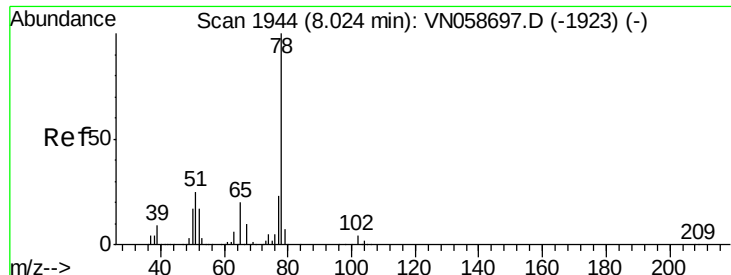
61 0.0 11.3 16.9#

70 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO





#40

Benzene

Concen: 0.378 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. 0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

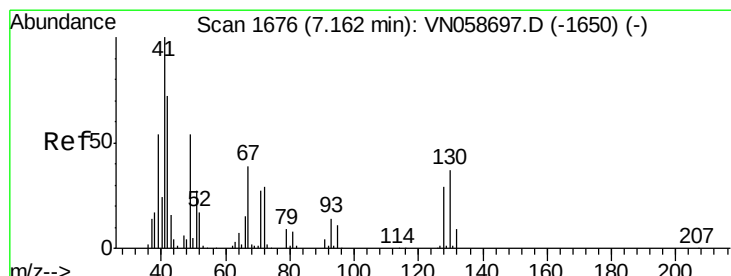
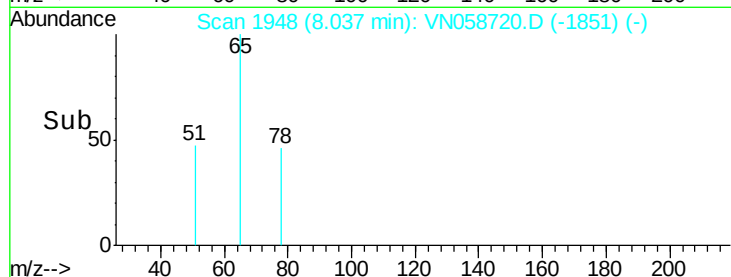
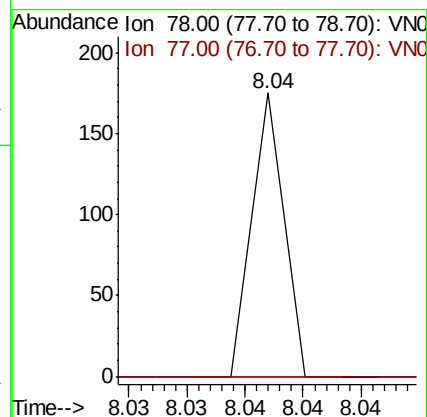
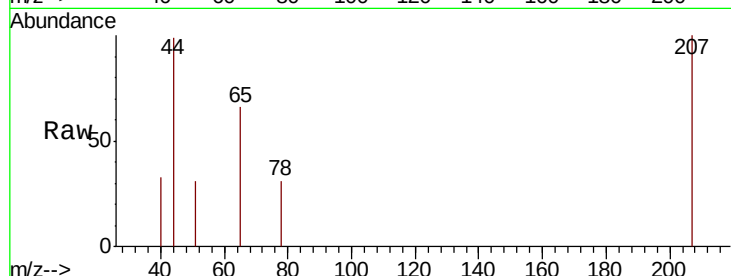
VSTDCCC050EC

Tot Ion: 78 Resp: 34

Ion Ratio Lower Upper

78 100

77 0.0 18.8 28.2#



#41

Methacrylonitrile

Concen: 2.159 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Tgt Ion: 41 Resp: 32

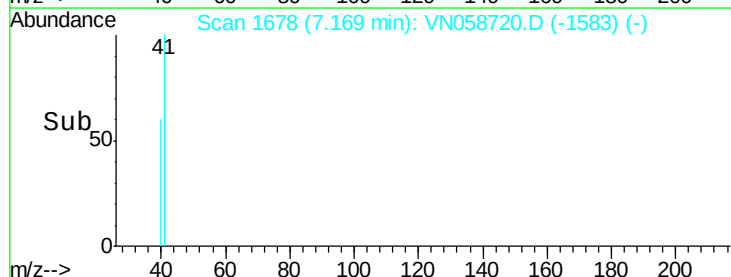
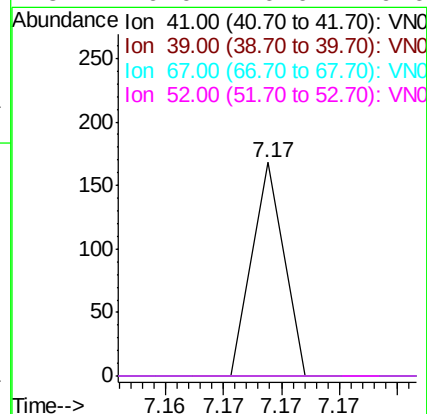
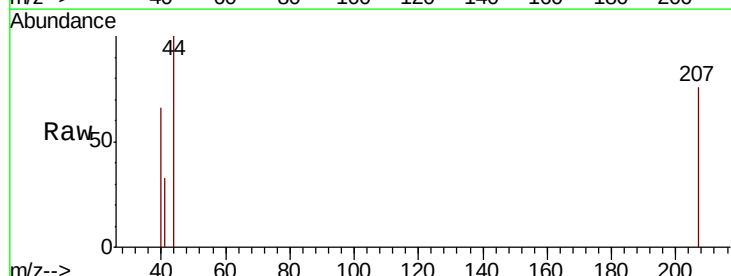
Ion Ratio Lower Upper

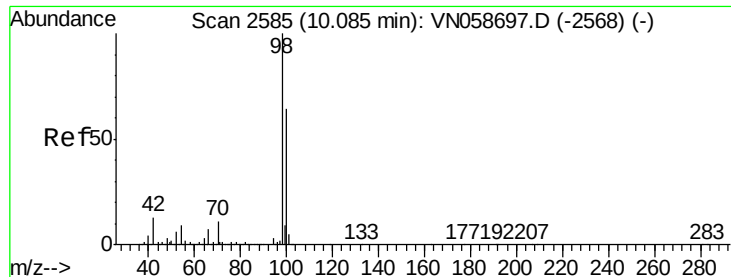
41 100

39 0.0 115.4 173.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 41.833 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

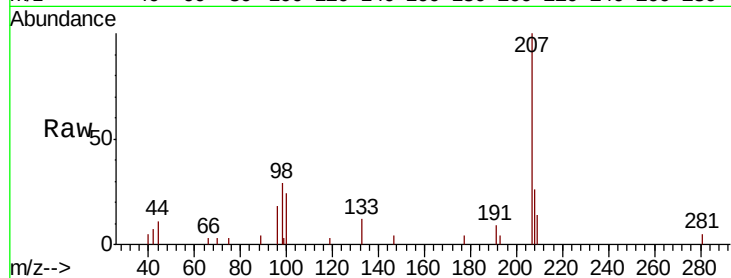
VSTDCCC050EC

Tot Ion: 98 Resp: 3199

Ion Ratio Lower Upper

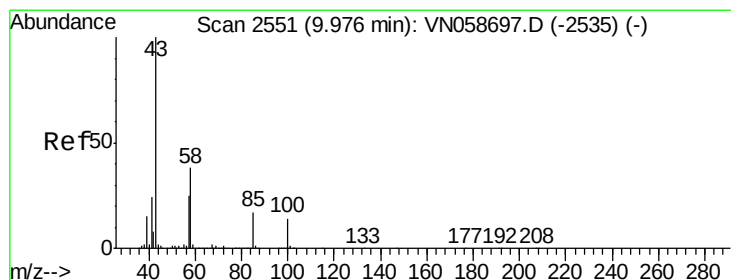
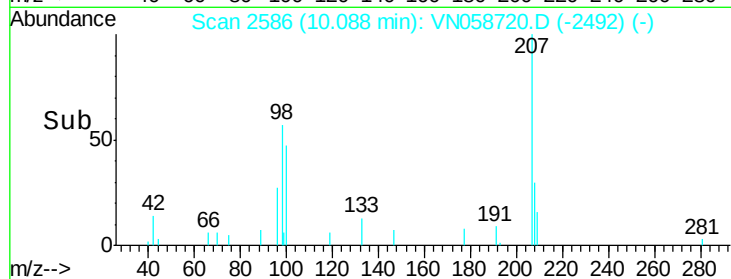
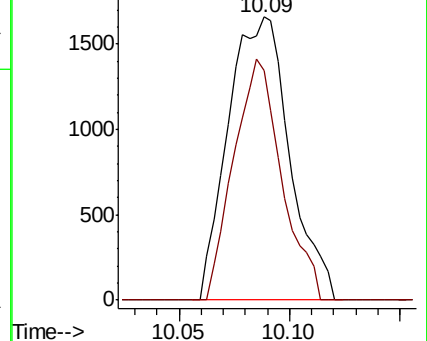
98 100

100 66.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 4.424 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.02 min

Lab File: VN058720.D

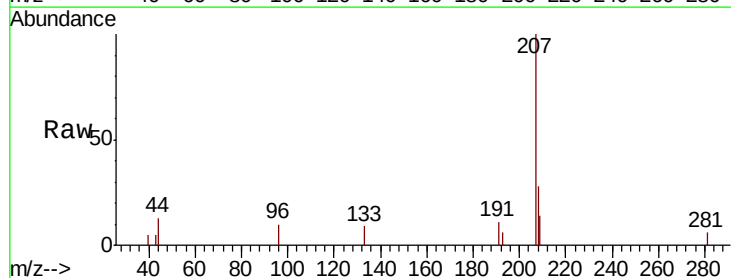
Acq: 11 Oct 2019 22:14

Tgt Ion: 43 Resp: 134

Ion Ratio Lower Upper

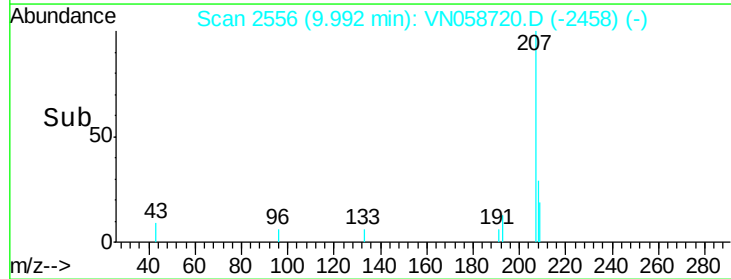
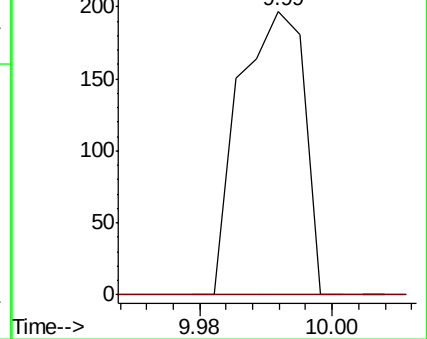
43 100

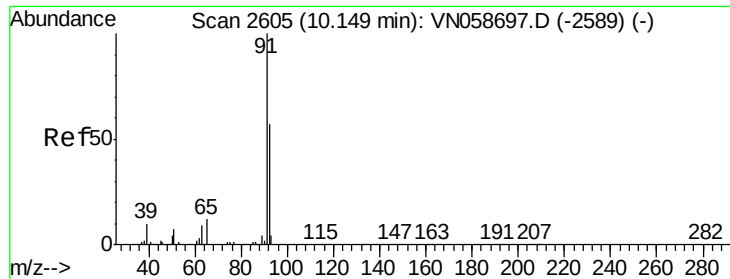
58 0.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 1.055 ug/l

RT: 10.27 min Scan# 2644

Delta R.T. 0.13 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

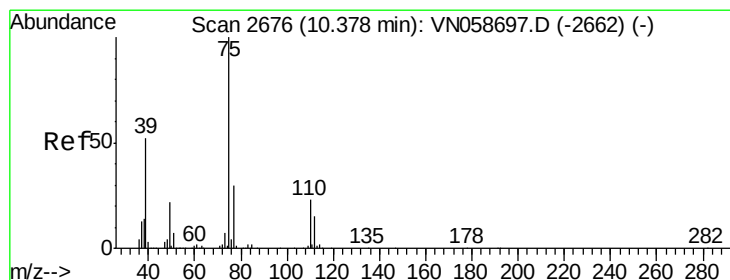
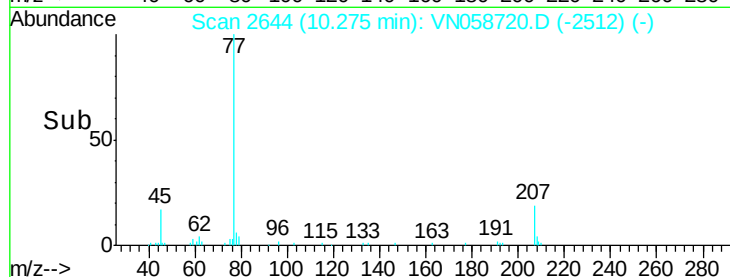
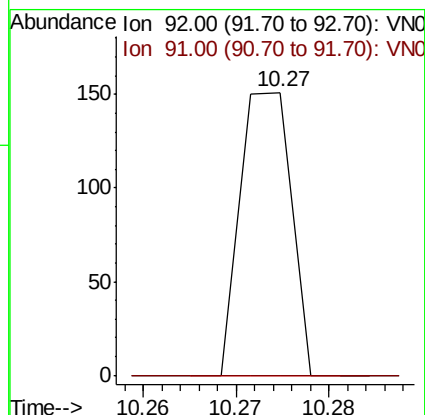
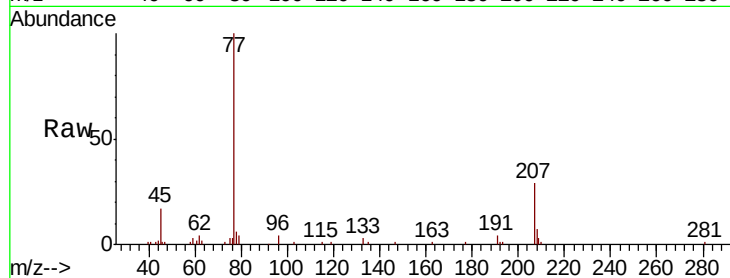
VSTDCCC050EC

Tot Ion: 92 Resp: 58

Ion Ratio Lower Upper

92 100

91 0.0 139.1 208.7#



#53

t-1,3-Dichloropropene

Concen: 6.735 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.01 min

Lab File: VN058720.D

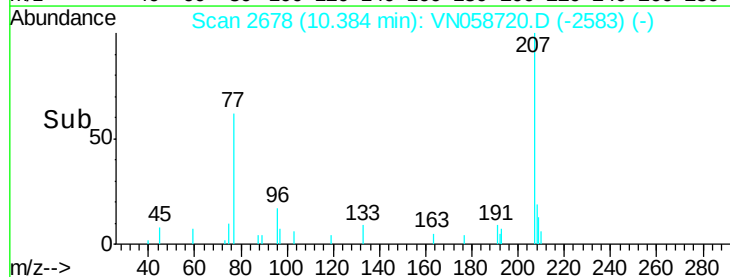
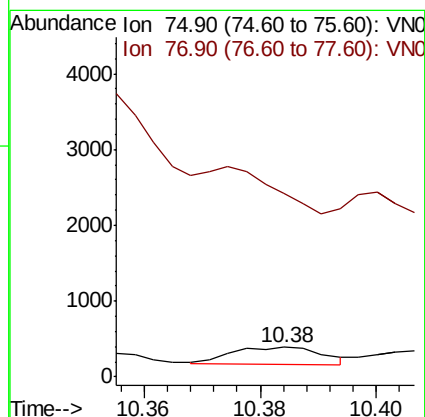
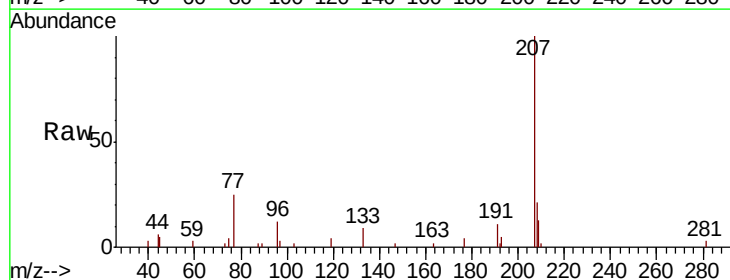
Acq: 11 Oct 2019 22:14

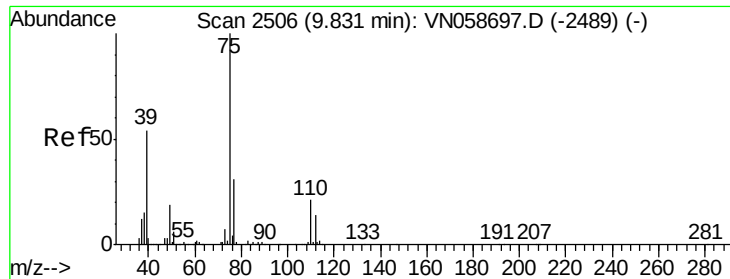
Tgt Ion: 75 Resp: 240

Ion Ratio Lower Upper

75 100

77 105.1 26.2 39.4#





#54

cis-1,3-Dichloropropene

Concen: 2.484 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

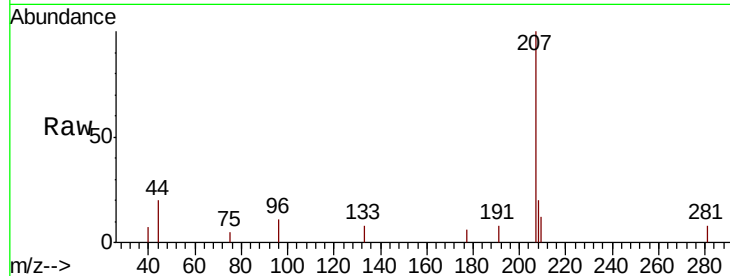
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

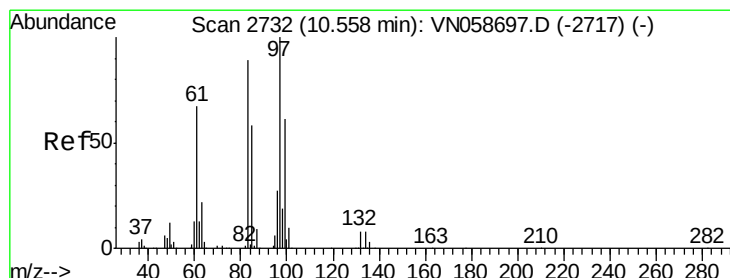
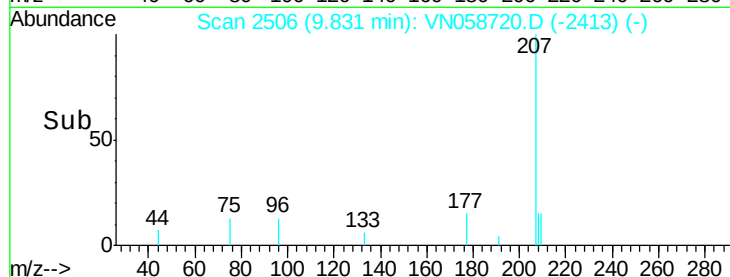
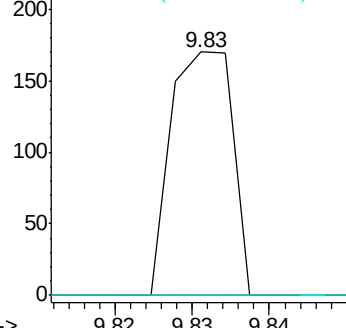
39 0.0 43.1 64.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO



#55

1,1,2-Trichloroethane

Concen: 8.709 ug/l

RT: 10.57 min Scan# 2735

Delta R.T. 0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Tgt Ion: 97 Resp: 196

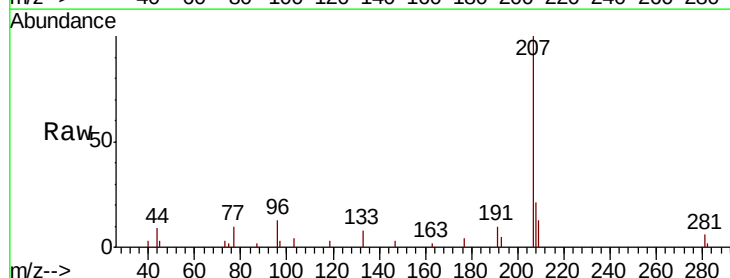
Ion Ratio Lower Upper

97 100

83 0.0 71.2 106.8#

85 0.0 46.7 70.1#

99 0.0 49.0 73.6#

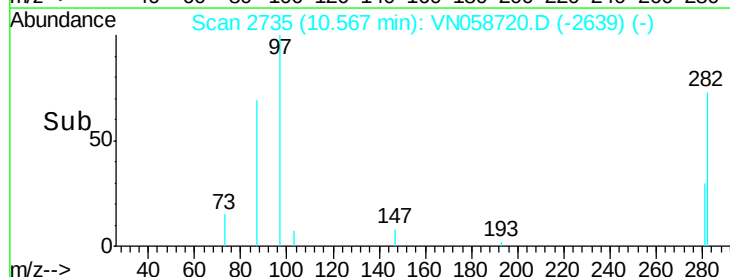
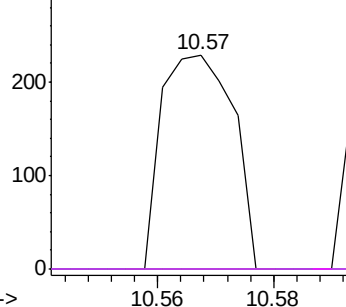


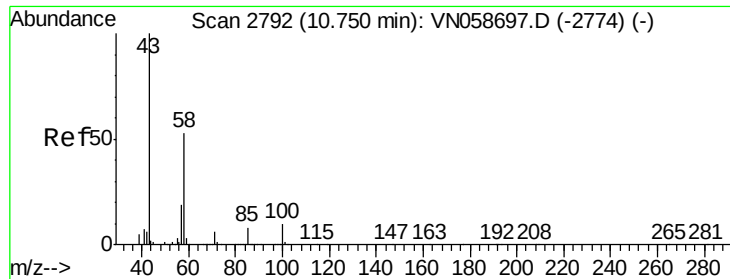
Abundance Ion 96.90 (96.60 to 97.60): VNO

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

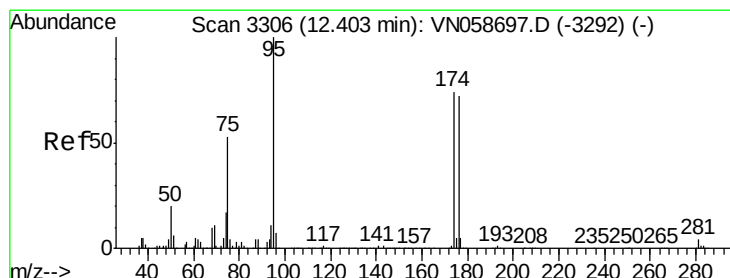
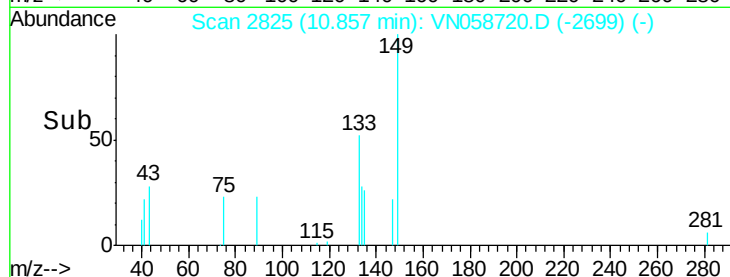
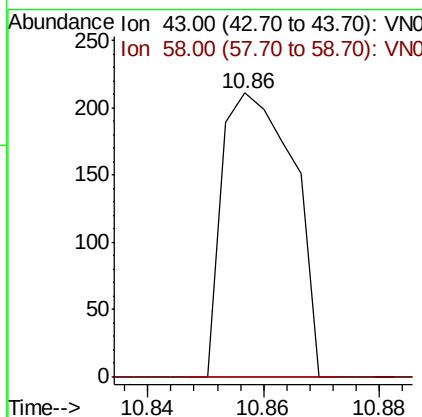
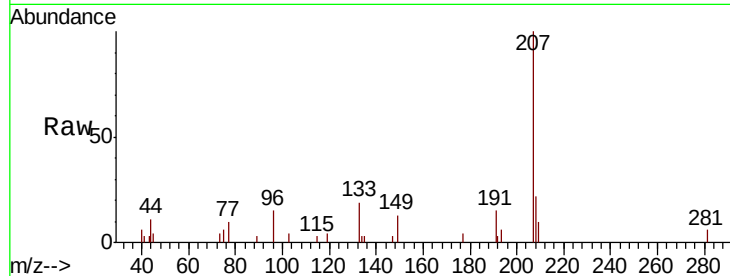




#59
2-Hexanone
Concen: 7.605 ug/l
RT: 10.86 min Scan# 2825
Delta R.T. 0.11 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

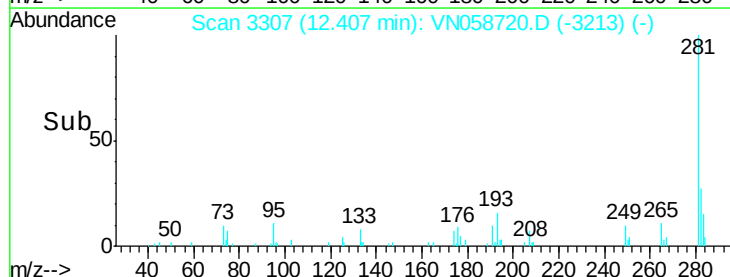
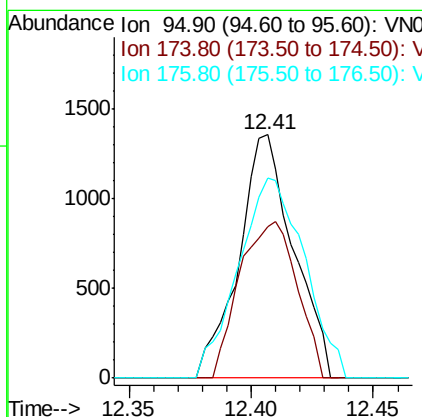
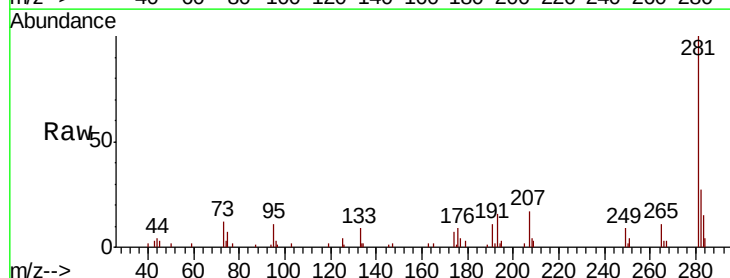
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

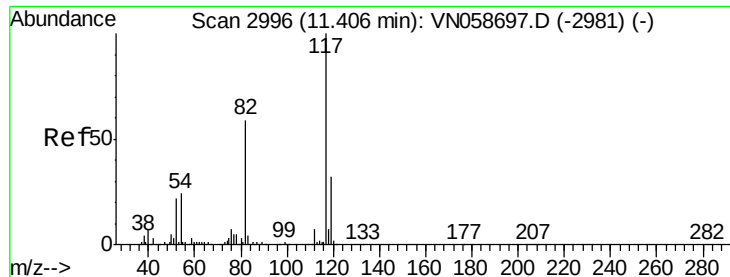
Tot Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 72.547 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

Tgt Ion: 95 Resp: 2100
Ion Ratio Lower Upper
95 100
174 67.7 0.0 150.4
176 99.3 0.0 146.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

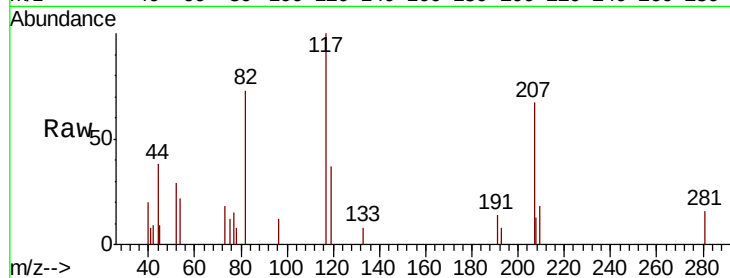
Tot Ion:117 Resp: 3549

Ion Ratio Lower Upper

117 100

82 73.1 47.0 70.4#

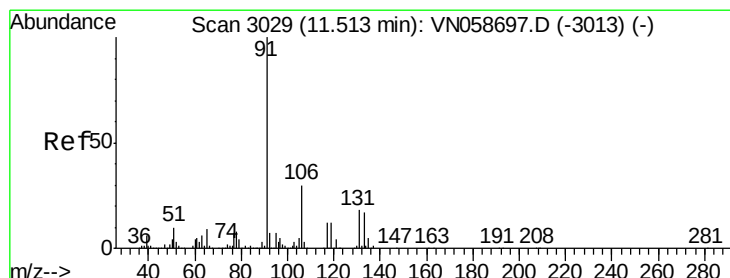
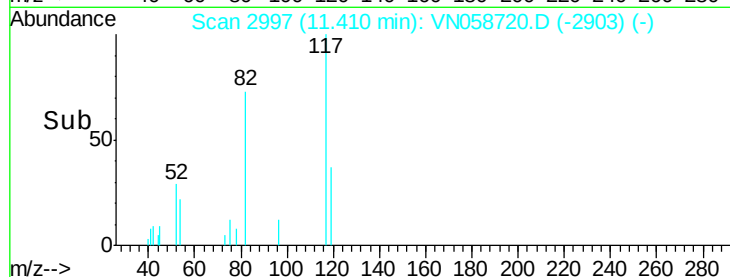
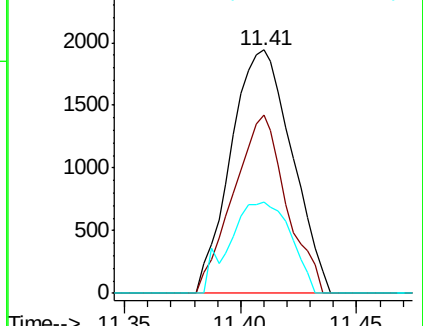
119 37.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.284 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.11 min

Lab File: VN058720.D

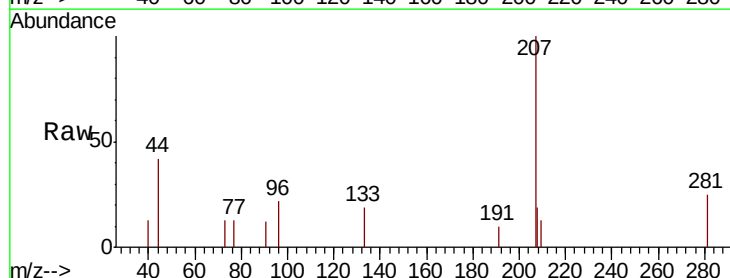
Acq: 11 Oct 2019 22:14

Tgt Ion: 91 Resp: 165

Ion Ratio Lower Upper

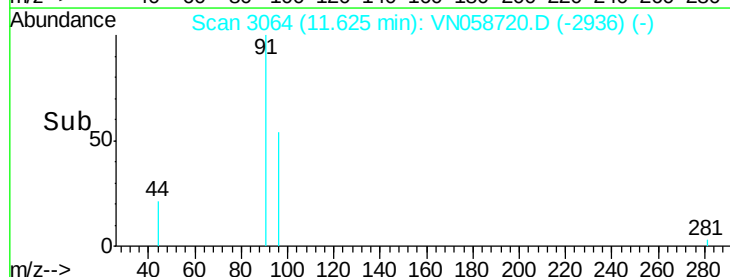
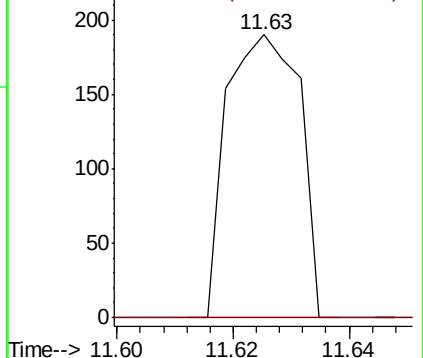
91 100

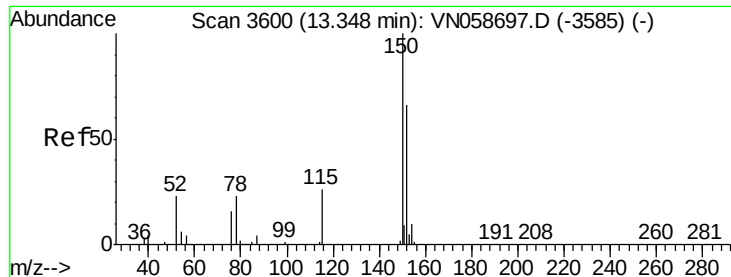
106 0.0 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

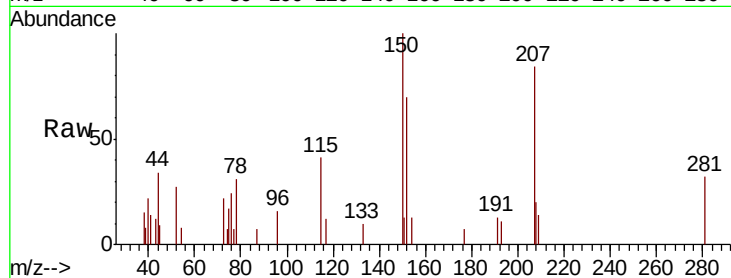
Tot Ion:152 Resp: 2470

Ion Ratio Lower Upper

152 100

115 76.5 30.4 91.2

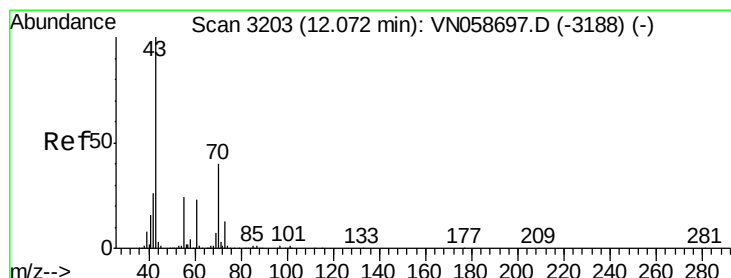
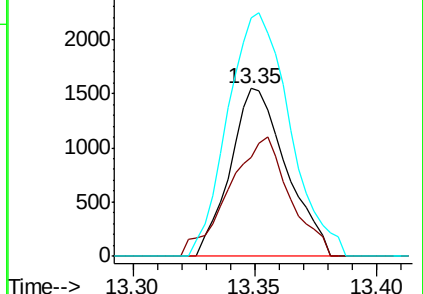
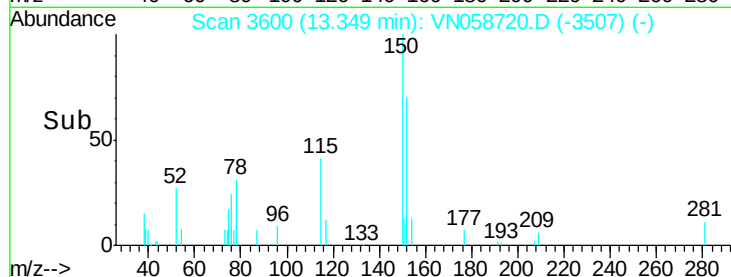
150 161.0 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.792 ug/l

RT: 12.09 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Tgt Ion: 43 Resp: 144

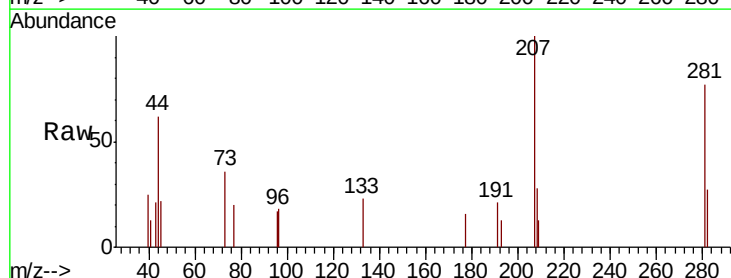
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 0.0 19.6 29.4#

61 0.0 18.6 28.0#

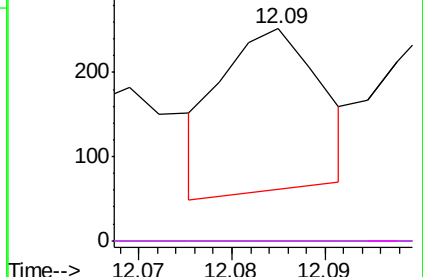
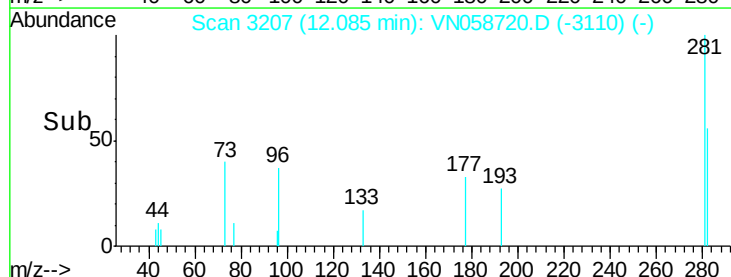


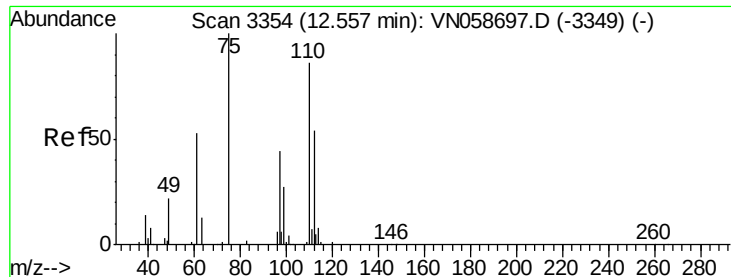
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 1.716 ug/l

RT: 12.54 min Scan# 3347

Delta R.T. -0.02 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

Instrument :

MSVOA_N

ClientSampleId :

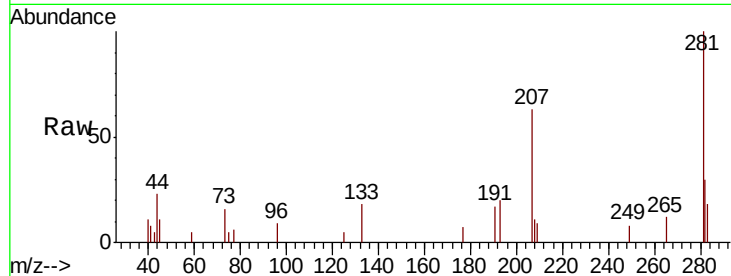
VSTDCCC050EC

Tot Ion: 75 Resp: 93

Ion Ratio Lower Upper

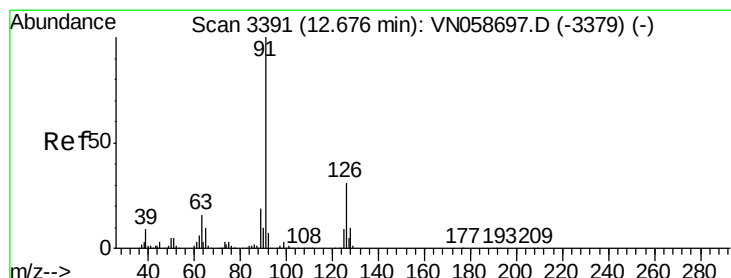
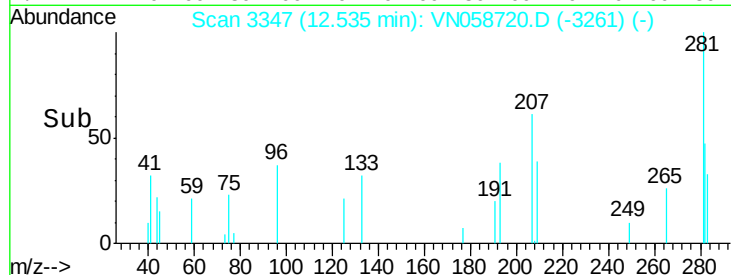
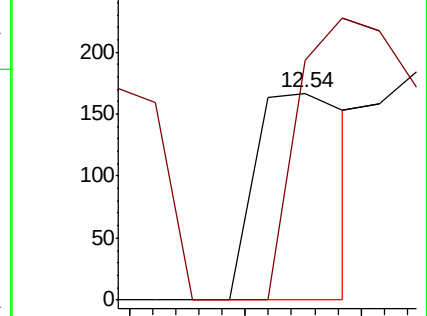
75 100

77 167.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: 0.232 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN058720.D

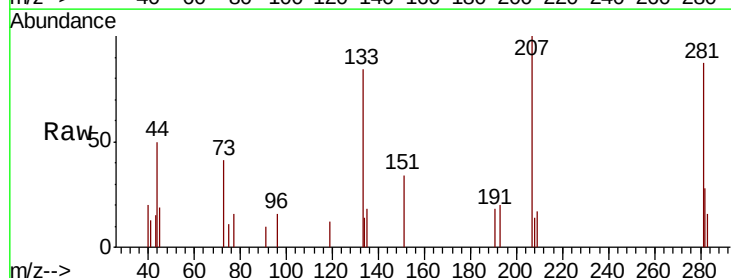
Acq: 11 Oct 2019 22:14

Tgt Ion: 91 Resp: 30

Ion Ratio Lower Upper

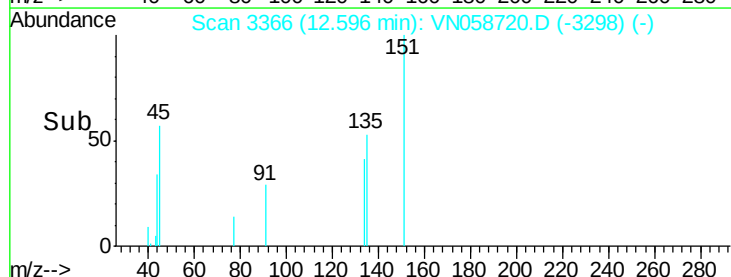
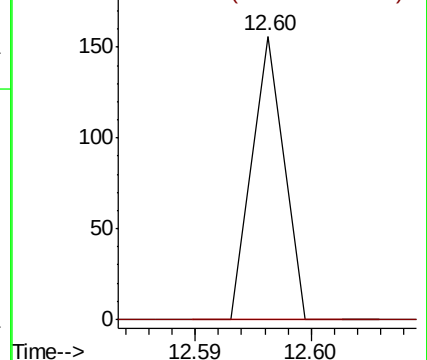
91 100

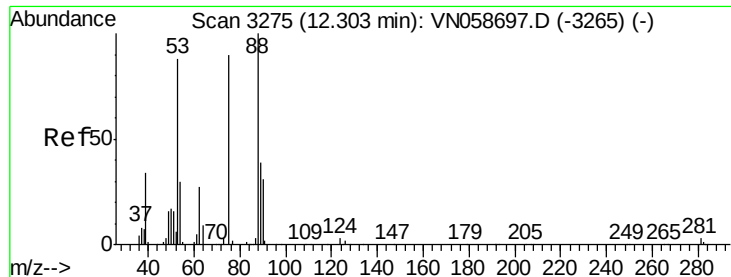
126 0.0 16.2 48.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

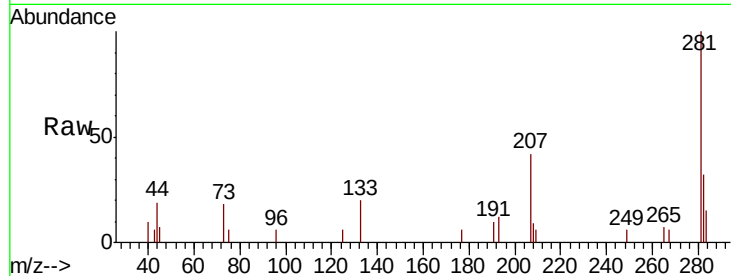




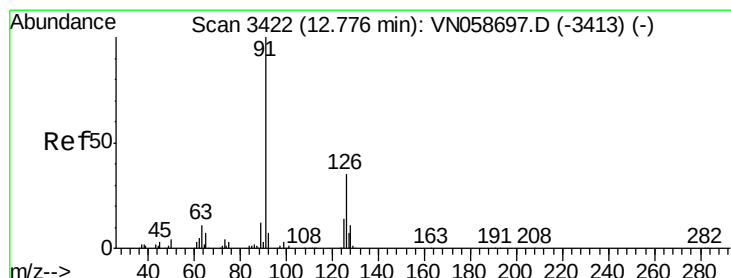
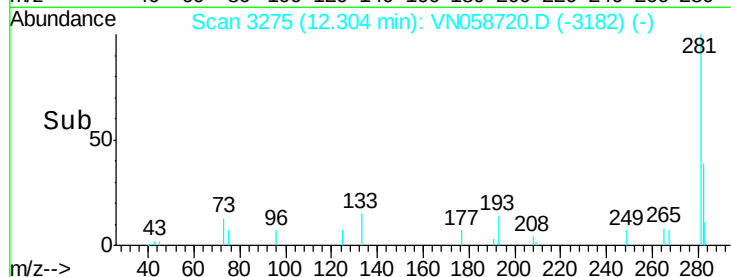
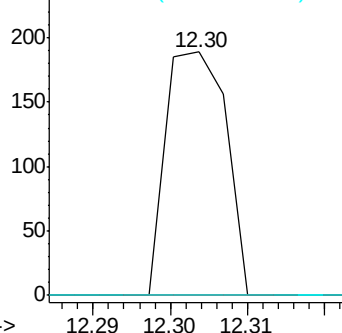
#81
trans-1,4-Dichloro-2-butene
Concen: 5.042 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 102
Ion Ratio Lower Upper
75 100
53 0.0 78.4 117.6#
89 0.0 34.9 52.3#

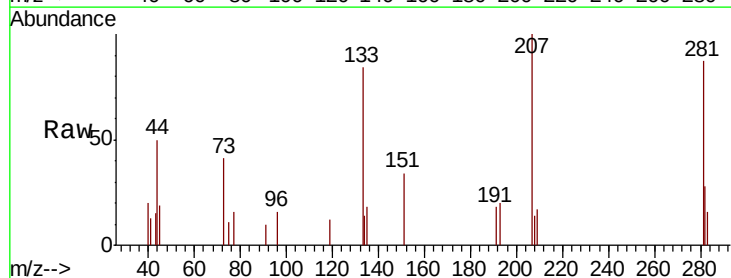


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

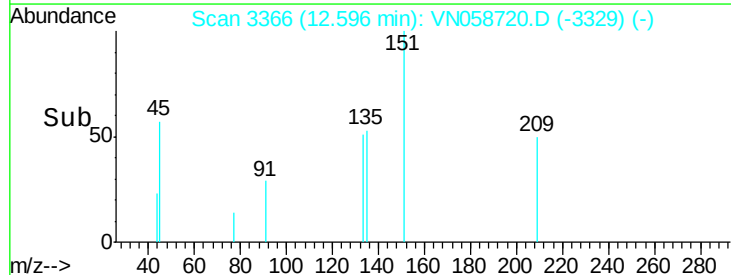
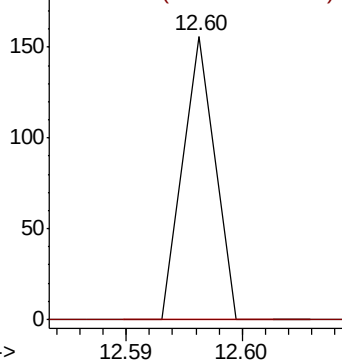


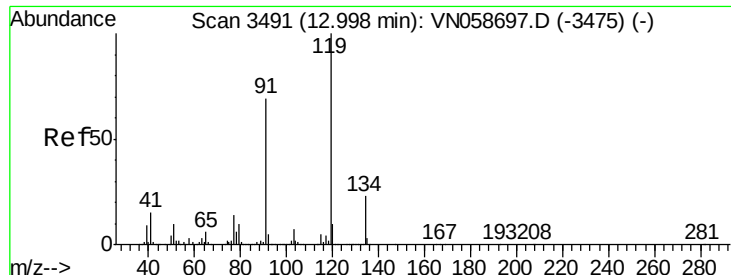
#82
4-Chlorotoluene
Concen: 0.226 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. -0.18 min
Lab File: VN058720.D
Acq: 11 Oct 2019 22:14

Tgt Ion: 91 Resp: 30
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

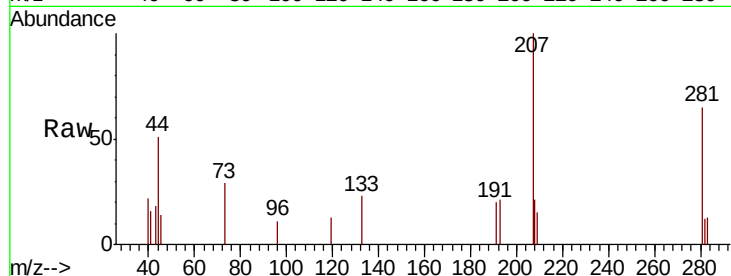




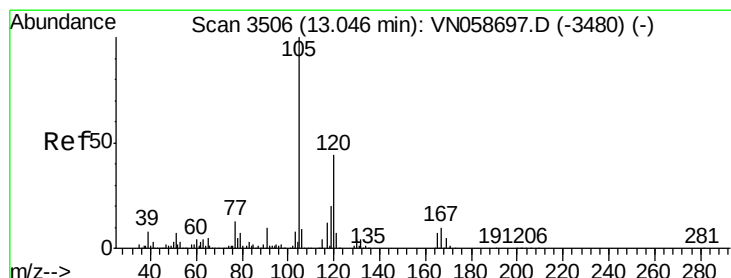
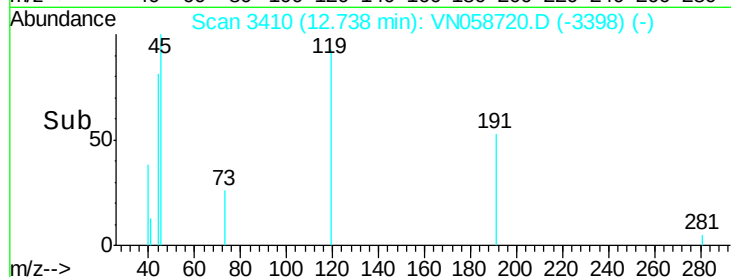
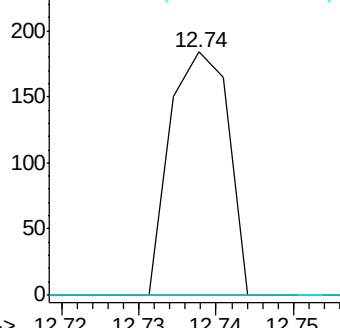
#83
 tert-Butylbenzene
 Concen: 0.734 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. -0.26 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 96
 Ion Ratio Lower Upper
 119 100
 91 0.0 33.8 101.3#
 134 0.0 12.6 37.6#

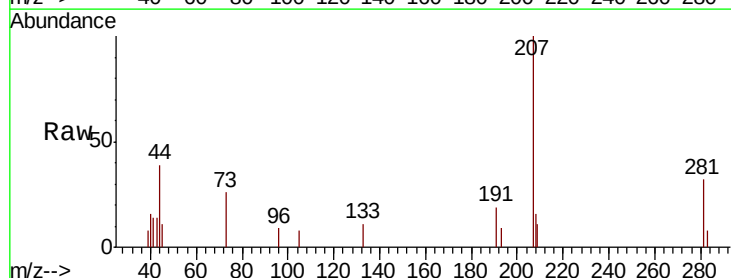


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

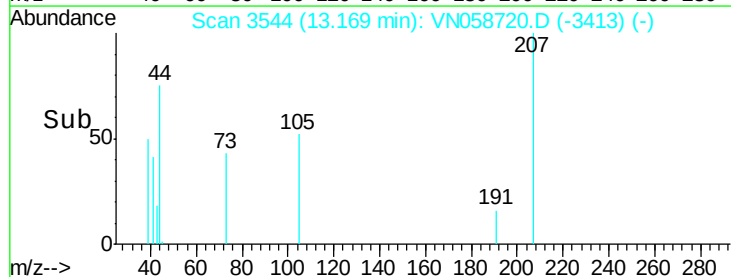
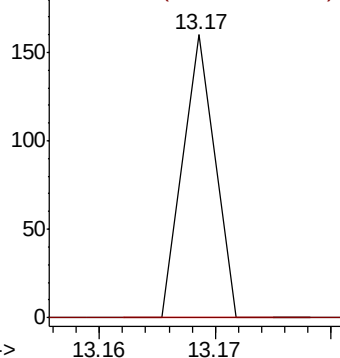


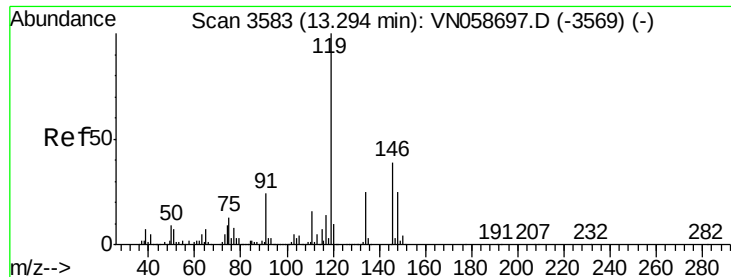
#84
 1,2,4-Trimethylbenzene
 Concen: 0.204 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.12 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion:105 Resp: 31
 Ion Ratio Lower Upper
 105 100
 120 0.0 21.9 65.7#



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

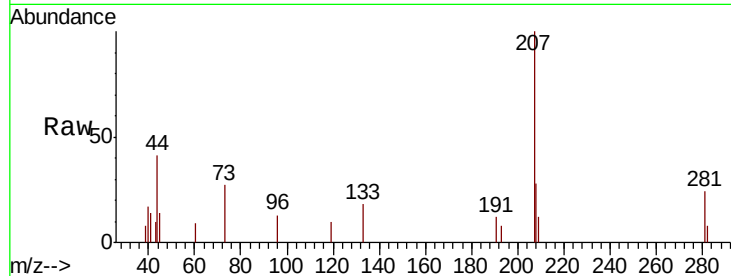




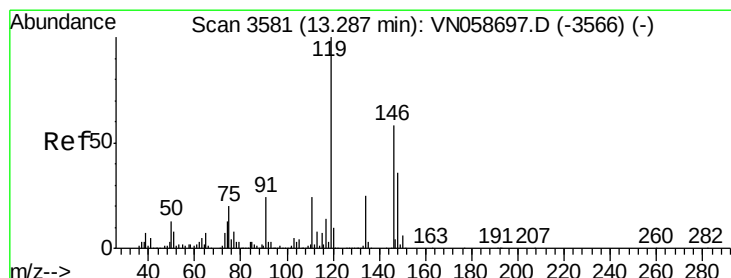
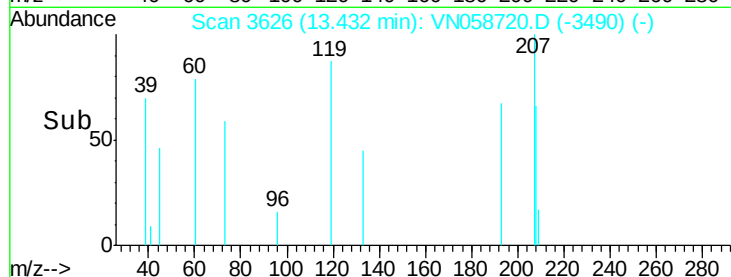
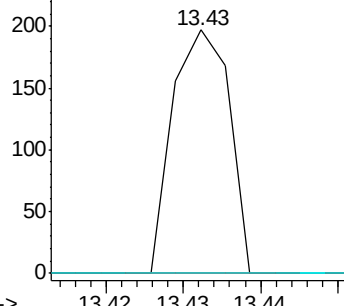
#86
 p-Isopropyltoluene
 Concen: 0.638 ug/l
 RT: 13.43 min Scan# 3626
 Delta R.T. 0.14 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.1#
91	0.0	11.9	35.5#

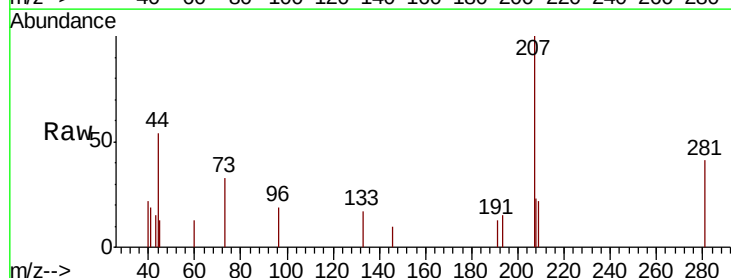


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

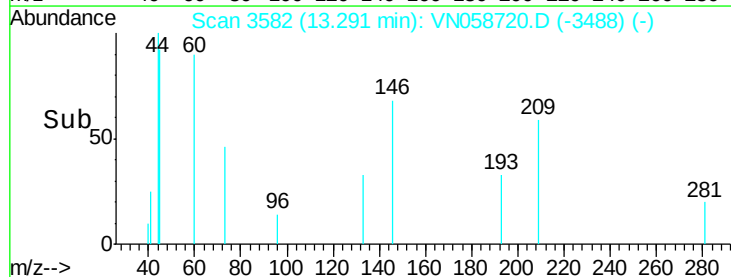
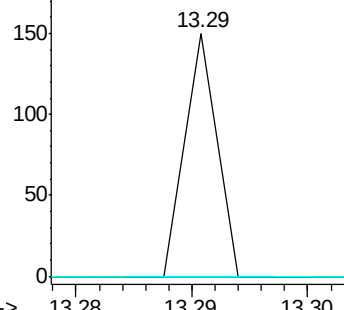


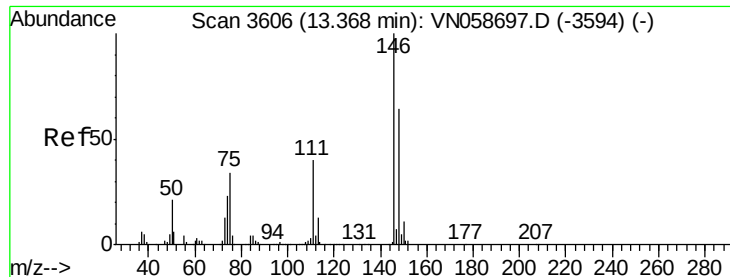
#87
 1,3-Dichlorobenzene
 Concen: 0.361 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.6#
148	0.0	31.3	93.9#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.355 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.08 min

Lab File: VN058720.D

Acq: 11 Oct 2019 22:14

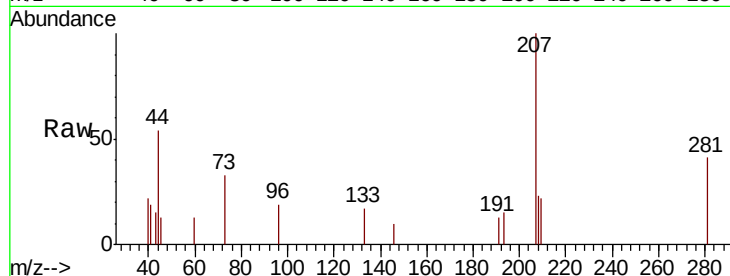
Instrument :

MSVOA_N

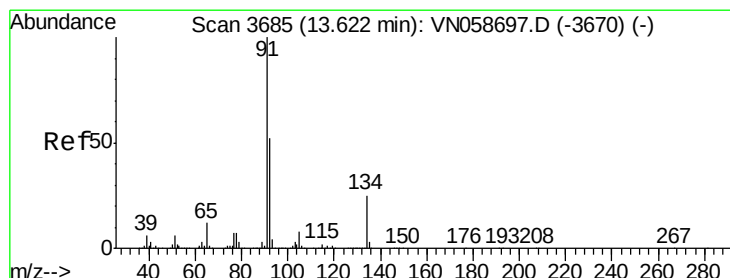
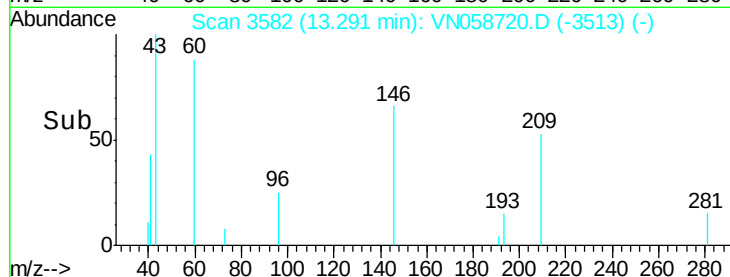
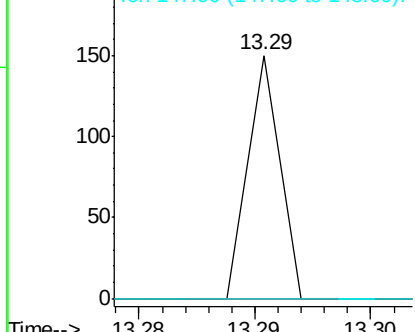
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	29
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.1	60.2#
148	0.0	31.9	95.7#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.428 ug/l

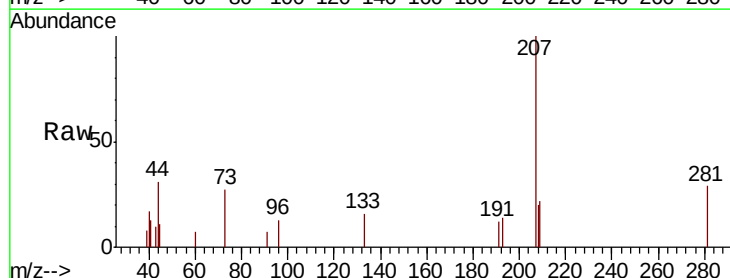
RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

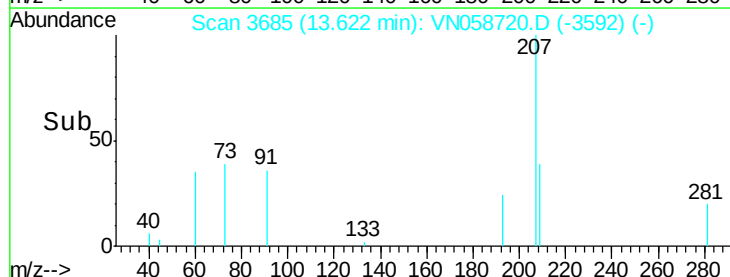
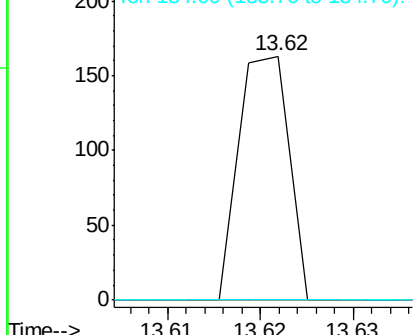
Lab File: VN058720.D

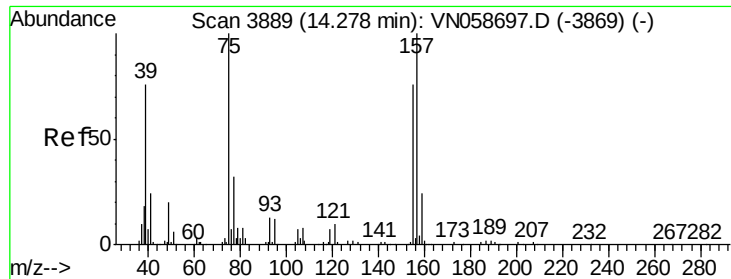
Acq: 11 Oct 2019 22:14

Tgt Ion:	91	Resp:	62
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.0	78.0#
134	0.0	12.2	36.6#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

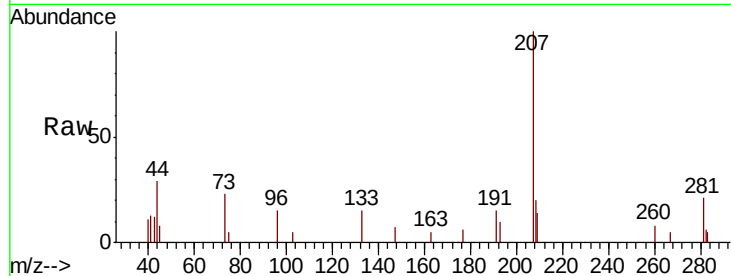




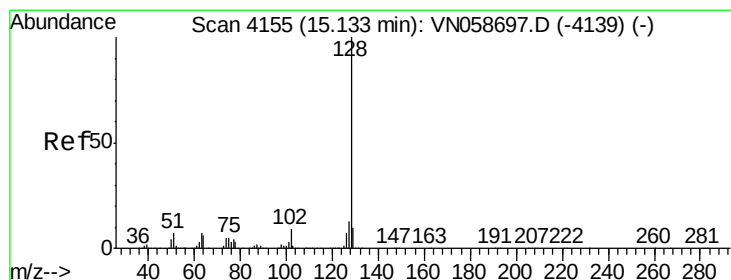
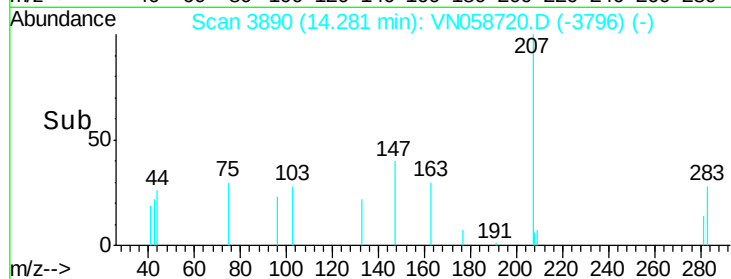
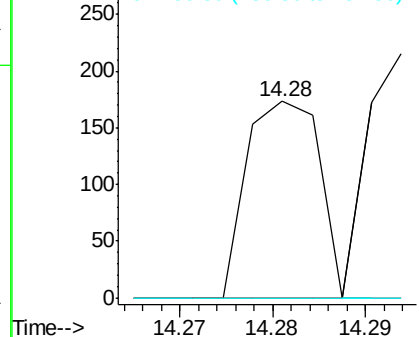
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.828 ug/l
 RT: 14.28 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.9	113.6#
157	0.0	49.4	148.2#

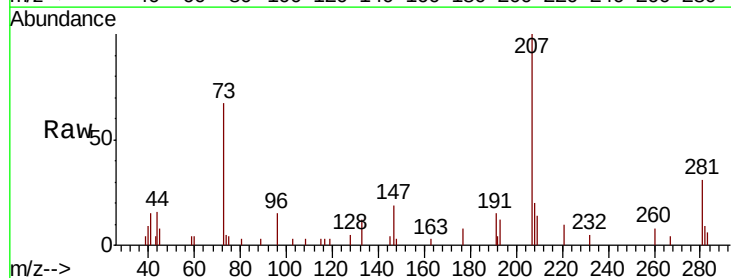


Abundance Ion 74.90 (74.60 to 75.60): VN058697.D (-3869) (-)



#95
 Naphthalene
 Concen: 2.830 ug/l
 RT: 15.14 min Scan# 4157
 Delta R.T. 0.01 min
 Lab File: VN058720.D
 Acq: 11 Oct 2019 22:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): VN058697.D (-4139) (-)

