

Data File : VN057741.D
Acq On : 7 Sep 2019 10:32
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 08 06:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	228632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	352890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	327762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	241393	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
35) Dibromofluoromethane	7.57	113	159623	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.09	98	602112	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	242056	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	159241	43.859	ug/l	95
3) Chloromethane	2.03	50	150348	34.568	ug/l	98
4) Vinyl Chloride	2.16	62	130888	41.627	ug/l	99
5) Bromomethane	2.54	94	74773	51.779	ug/l	97
6) Chloroethane	2.68	64	76882	41.417	ug/l	95
7) Trichlorofluoromethane	2.99	101	208004	41.220	ug/l	98
8) Diethyl Ether	3.39	74	87805	43.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	147348	46.788	ug/l	96
10) Methyl Iodide	3.92	142	169155	54.211	ug/l	97
11) Tert butyl alcohol	4.76	59	116063	183.662	ug/l #	91
12) 1,1-Dichloroethene	3.71	96	126309	44.577	ug/l	97
13) Acrolein	3.58	56	60789	202.271	ug/l	100
14) Allyl chloride	4.29	41	272939	42.152	ug/l	98
15) Acrylonitrile	4.96	53	354491	218.191	ug/l	99
16) Acetone	3.79	43	403156	235.542	ug/l	98
17) Carbon Disulfide	4.03	76	275352	42.891	ug/l	100
18) Methyl Acetate	4.30	43	191398	41.121	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	509808	42.856	ug/l	99
20) Methylene Chloride	4.53	84	153888	41.582	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	135642	45.493	ug/l	93
22) Diisopropyl ether	5.92	45	602945	44.019	ug/l	98
23) Vinyl Acetate	5.87	43	2503475	225.808	ug/l	99
24) 1,1-Dichloroethane	5.82	63	302176	43.025	ug/l	100
25) 2-Butanone	6.81	43	546324	222.884	ug/l	99
26) 2,2-Dichloropropane	6.80	77	269358	45.972	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	172556	46.107	ug/l	94
28) Bromochloromethane	7.18	49	163594	44.519	ug/l	97
29) Tetrahydrofuran	7.19	42	337191	213.312	ug/l	99
30) Chloroform	7.35	83	330551	45.167	ug/l	97
31) Cyclohexane	7.63	56	262211	42.003	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	277322	45.494	ug/l	99
36) 1,1-Dichloropropene	7.78	75	219514	46.758	ug/l	98
37) Ethyl Acetate	6.91	43	223780	48.014	ug/l	98
38) Carbon Tetrachloride	7.76	117	224568	49.957	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	241156	48.565	ug/l	99
40) Benzene	8.02	78	636145	47.907	ug/l	98
41) Methacrylonitrile	7.15	41	112454	49.360	ug/l	95
42) 1,2-Dichloroethane	8.11	62	287551	46.199	ug/l	99
43) Isopropyl Acetate	8.15	43	406880	45.482	ug/l	98
44) Trichloroethene	8.82	130	158059	52.961	ug/l	99
45) 1,2-Dichloropropane	9.11	63	181483	48.867	ug/l	99
46) Dibromomethane	9.20	93	121338	50.934	ug/l	94
47) Bromodichloromethane	9.39	83	250849	49.548	ug/l	99
48) Methyl methacrylate	9.19	41	206089	44.794	ug/l	98
49) 1,4-Dioxane	9.19	88	50697	947.036	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1204917	242.524	ug/l	99
52) Toluene	10.15	92	400165	49.721	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	252670	49.746	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	275497	50.203	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	163846	50.587	ug/l	98
56) Ethyl methacrylate	10.43	69	254371	49.205	ug/l	98
57) 1,3-Dichloropropane	10.70	76	280422	48.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	643191	245.235	ug/l	99
59) 2-Hexanone	10.75	43	876497	250.185	ug/l	98
60) Dibromochloromethane	10.90	129	168572	48.331	ug/l	98
61) 1,2-Dibromoethane	11.00	107	161425	51.916	ug/l	99
64) Tetrachloroethene	10.63	164	135634	53.079	ug/l	93
65) Chlorobenzene	11.43	112	426500	49.883	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	161876	54.412	ug/l	98
67) Ethyl Benzene	11.51	91	829566	50.288	ug/l	100
68) m/p-Xylenes	11.62	106	591868	104.169	ug/l	98
69) o-Xylene	11.95	106	289644	51.482	ug/l	98
70) Styrene	11.96	104	500552	51.419	ug/l	98
71) Bromoform	12.13	173	110210	49.604	ug/l #	99
73) Isopropylbenzene	12.25	105	825262	47.697	ug/l	99
74) N-amyl acetate	12.07	43	378728	43.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	237028	45.686	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	298751	66.476	ug/l #	100
77) Bromobenzene	12.53	156	190888	50.783	ug/l	90
78) n-propylbenzene	12.59	91	981937	47.768	ug/l	98
79) 2-Chlorotoluene	12.68	91	576918	46.101	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	707454	48.134	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63312	43.813	ug/l	99
82) 4-Chlorotoluene	12.78	91	605154	46.954	ug/l	97
83) tert-Butylbenzene	12.99	119	586864	47.364	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	713350	48.998	ug/l	99
85) sec-Butylbenzene	13.17	105	819134	47.986	ug/l	99
86) p-Isopropyltoluene	13.29	119	731766	50.582	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	350839	49.927	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	349767	49.757	ug/l	97
89) n-Butylbenzene	13.62	91	691577	48.338	ug/l	99
90) Hexachloroethane	13.88	117	115397	50.908	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	350381	50.645	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47412	46.386	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Sep 06 03:46:54 2019
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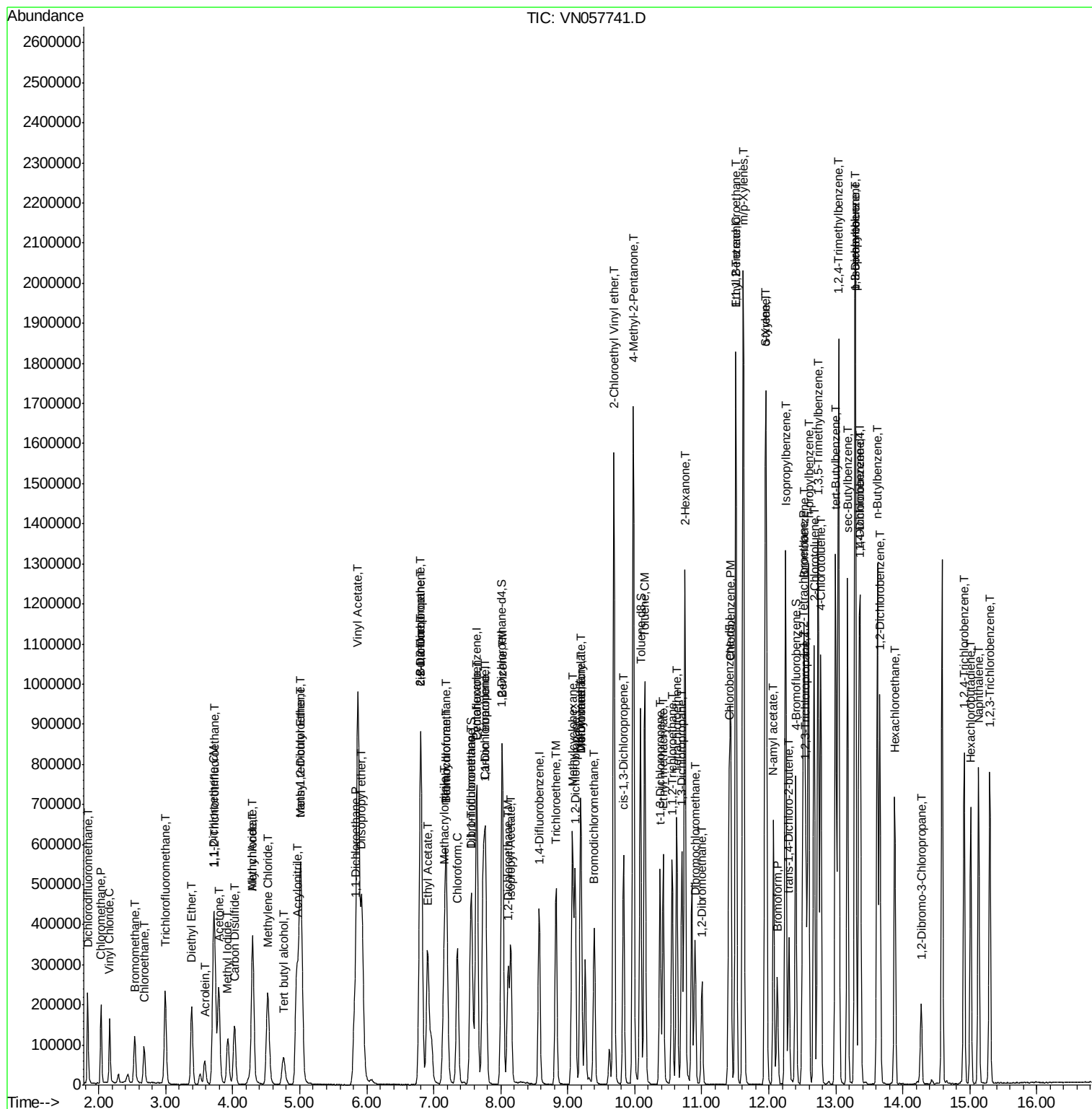
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	227575	54.984	ug/l	98
94) Hexachlorobutadiene	15.01	225	115804	57.403	ug/l	98
95) Naphthalene	15.13	128	592784	49.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	209078	52.701	ug/l	97

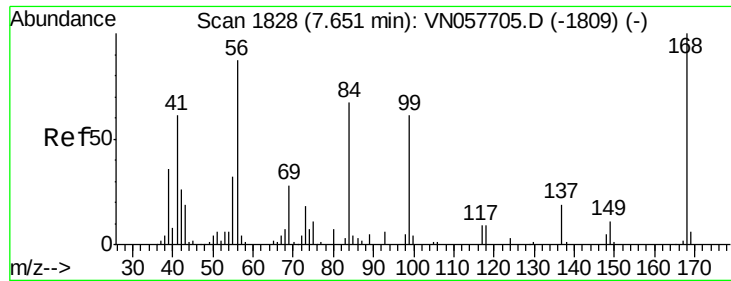
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

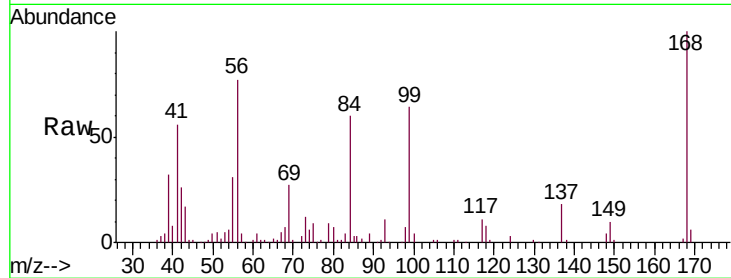
VSTDCCC050

Tgt Ion:168 Resp: 228632

Ion Ratio Lower Upper

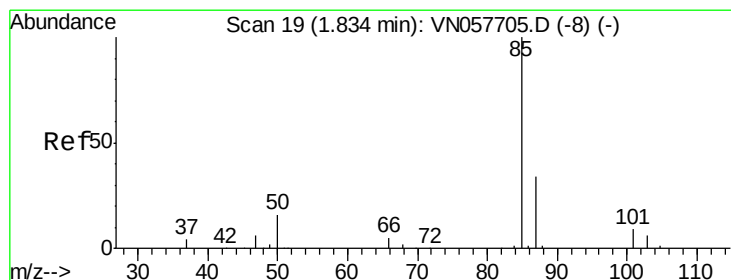
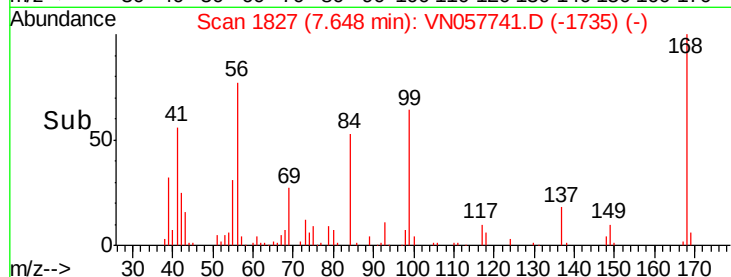
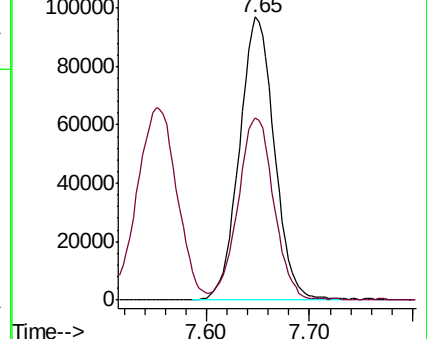
168 100

99 63.9 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.859 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057741.D

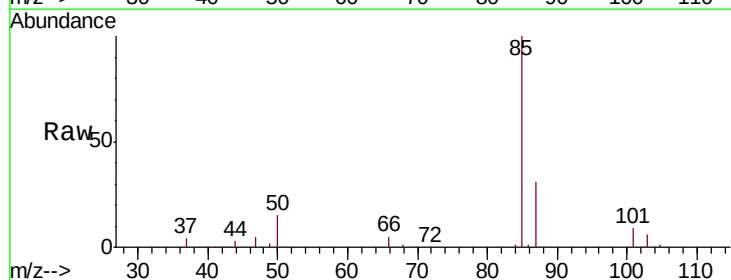
Acq: 7 Sep 2019 10:32

Tgt Ion: 85 Resp: 159241

Ion Ratio Lower Upper

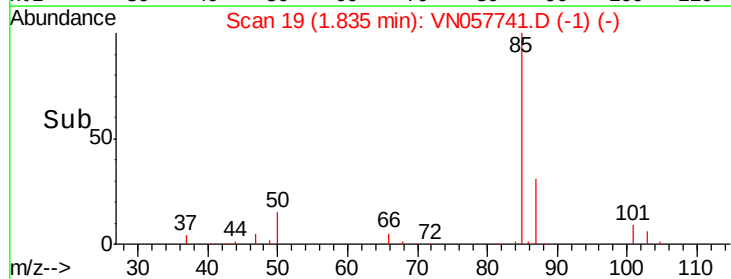
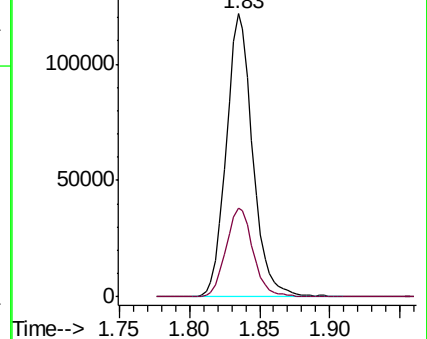
85 100

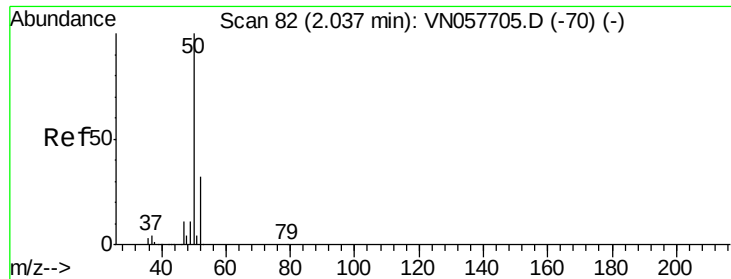
87 31.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 34.568 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

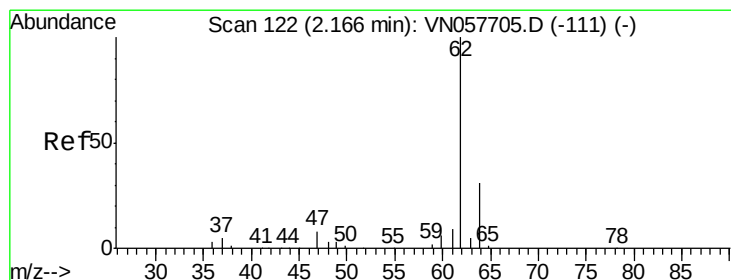
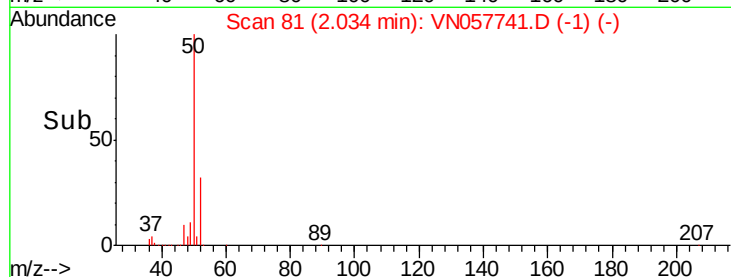
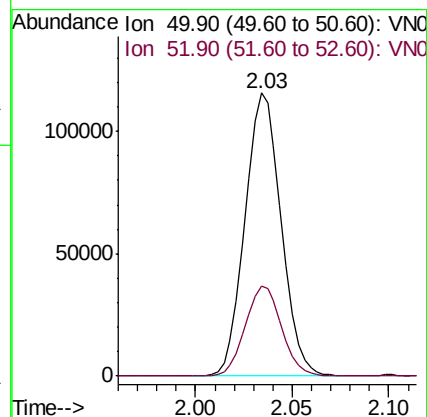
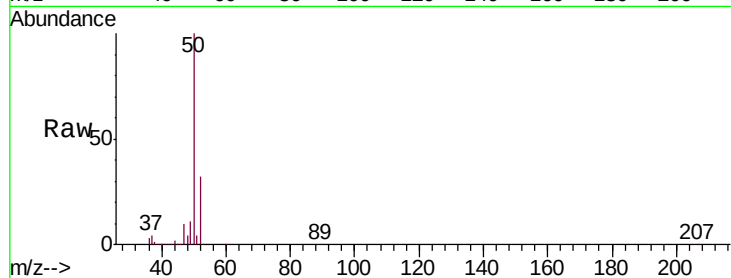
VSTDCCC050

Tgt Ion: 50 Resp: 150348

Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0



#4

Vinyl Chloride

Concen: 41.627 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057741.D

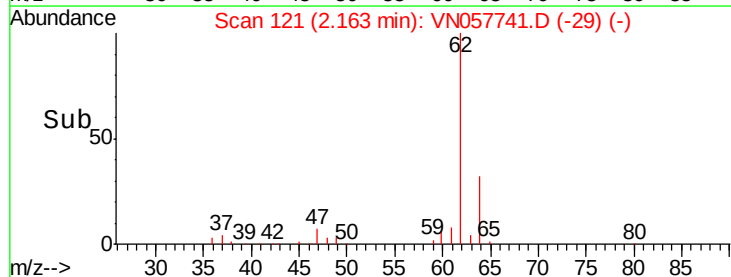
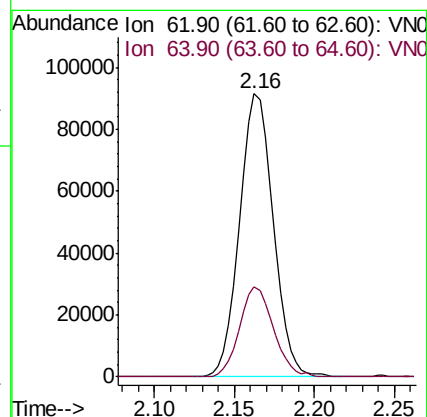
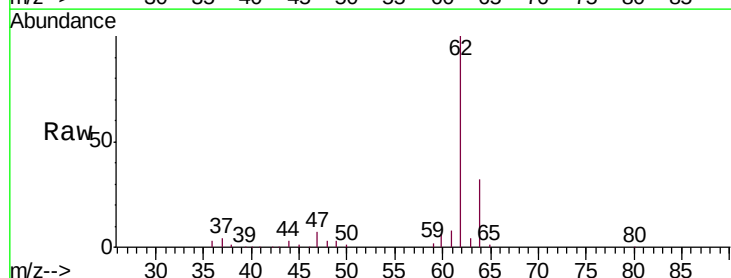
Acq: 7 Sep 2019 10:32

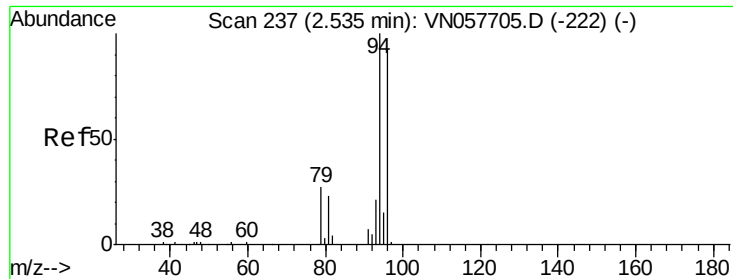
Tgt Ion: 62 Resp: 130888

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 51.779 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

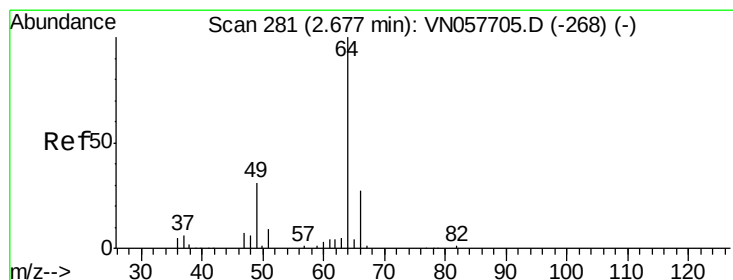
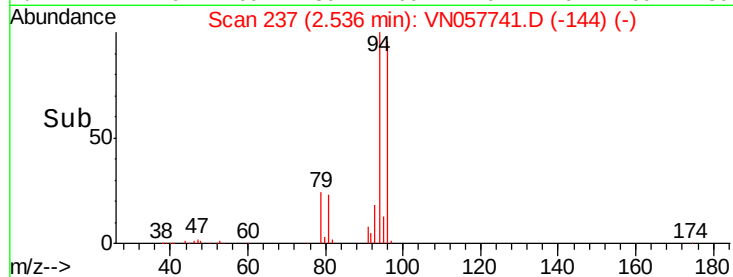
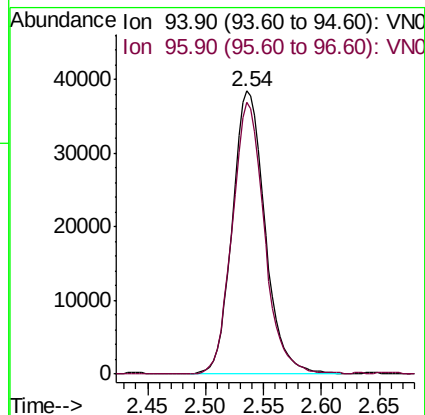
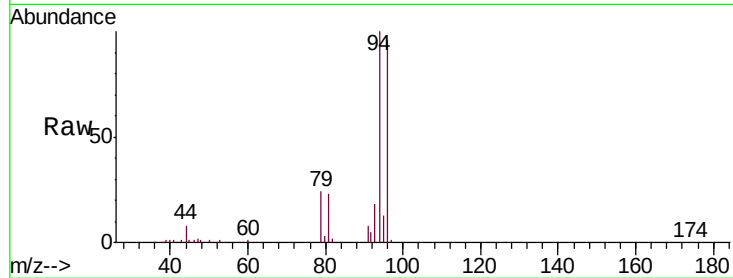
VSTDCCC050

Tgt Ion: 94 Resp: 74773

Ion Ratio Lower Upper

94 100

96 96.0 74.8 112.2



#6

Chloroethane

Concen: 41.417 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN057741.D

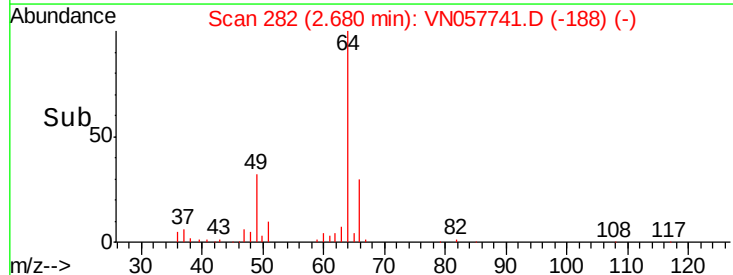
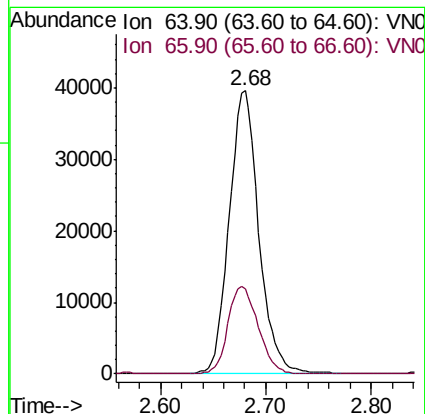
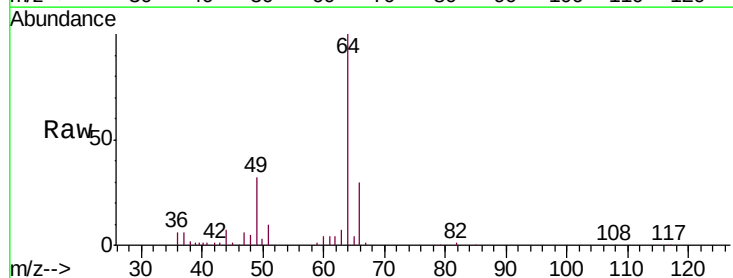
Acq: 7 Sep 2019 10:32

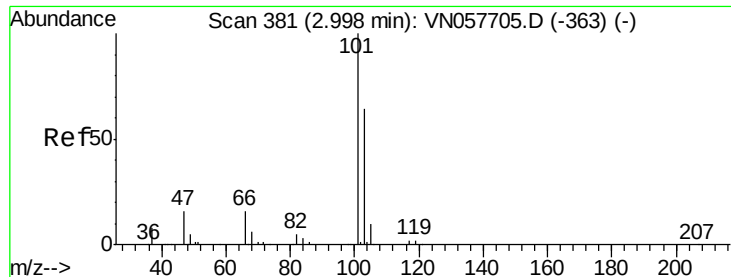
Tgt Ion: 64 Resp: 76882

Ion Ratio Lower Upper

64 100

66 30.2 22.0 33.0



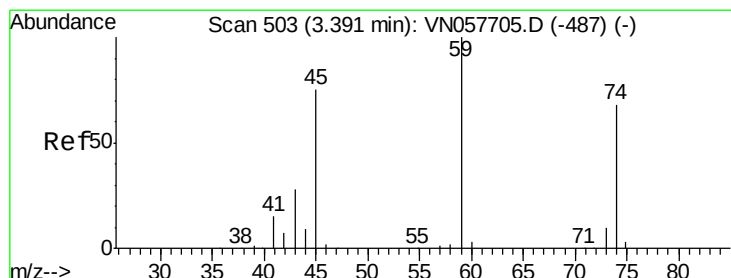
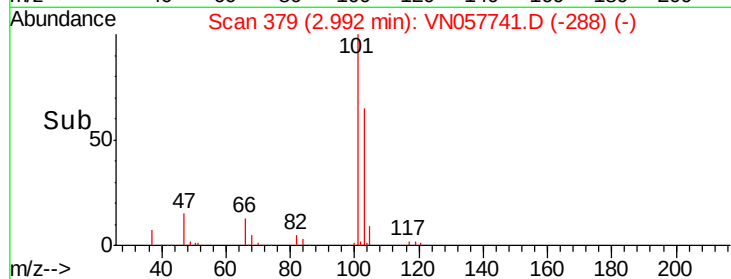
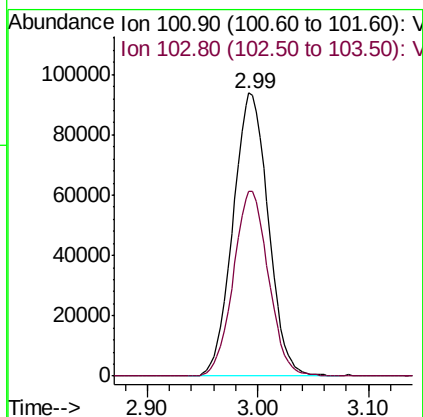
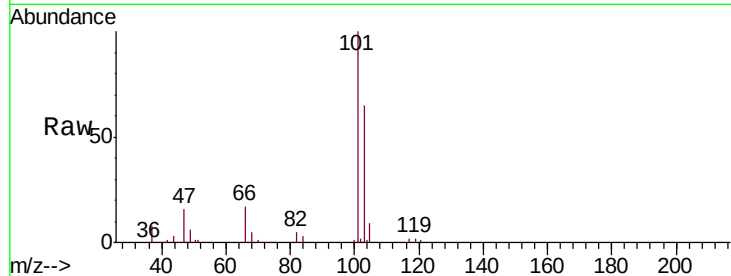


#7

Trichlorofluoromethane
 Concen: 41.220 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VN057741.D
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Instrument :
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 VSTDCCC050

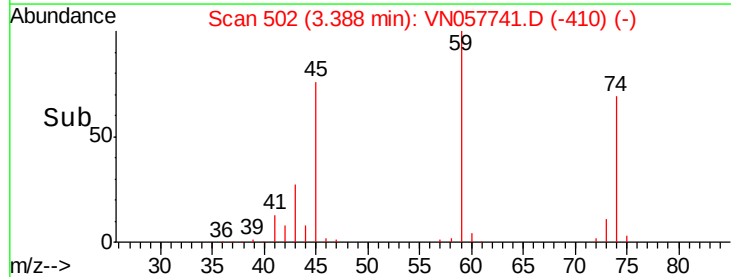
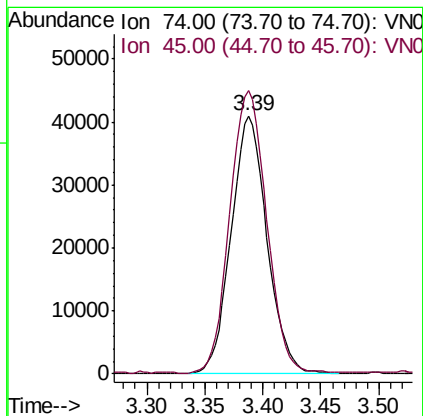
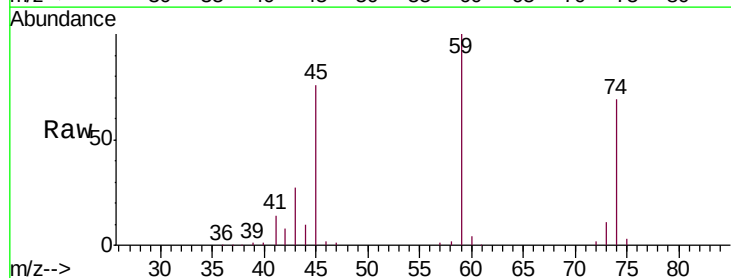
Tgt Ion: 101 Resp: 208004
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.0

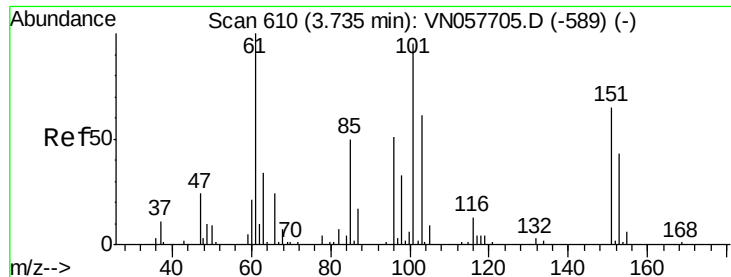


#8

Diethyl Ether
 Concen: 43.547 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 74 Resp: 87805
 Ion Ratio Lower Upper
 74 100
 45 113.3 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.788 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

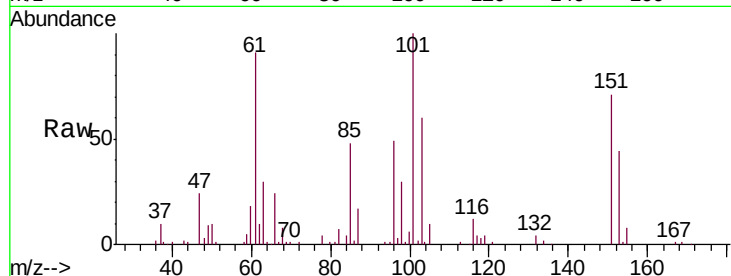
Tgt Ion:101 Resp: 147348

Ion Ratio Lower Upper

101 100

85 48.8 42.8 64.2

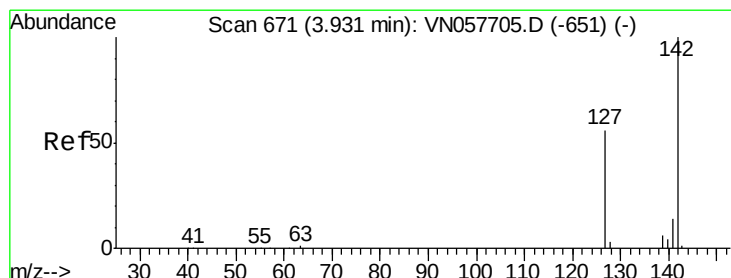
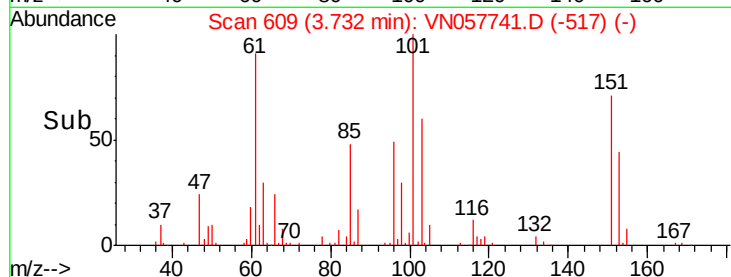
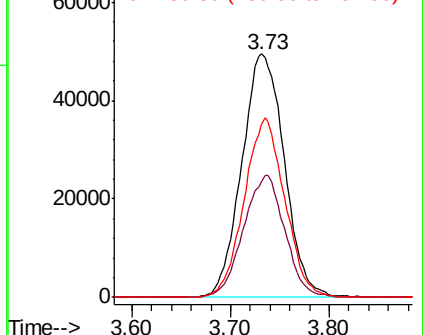
151 70.6 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.211 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

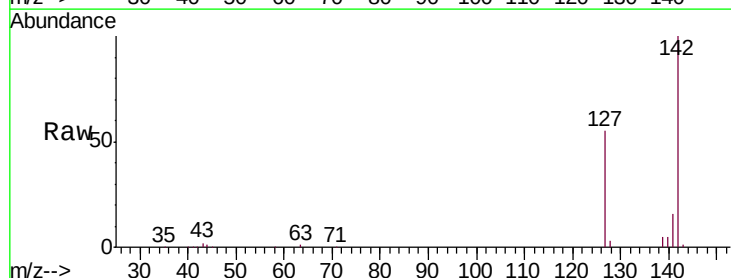
Tgt Ion:142 Resp: 169155

Ion Ratio Lower Upper

142 100

127 54.4 42.1 63.1

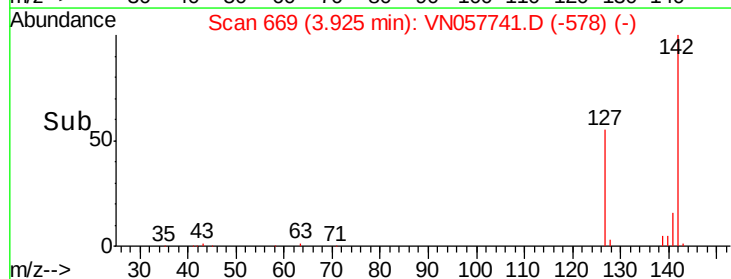
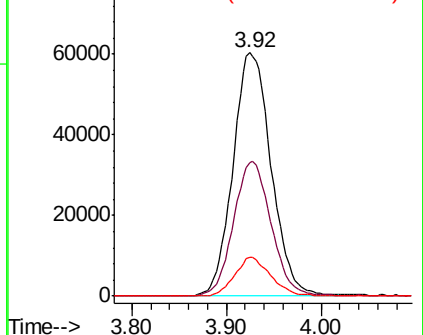
141 14.8 11.0 16.4

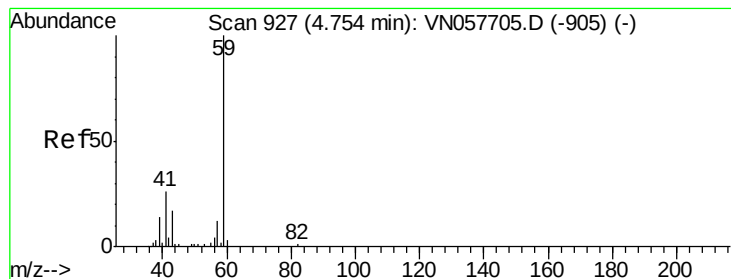


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



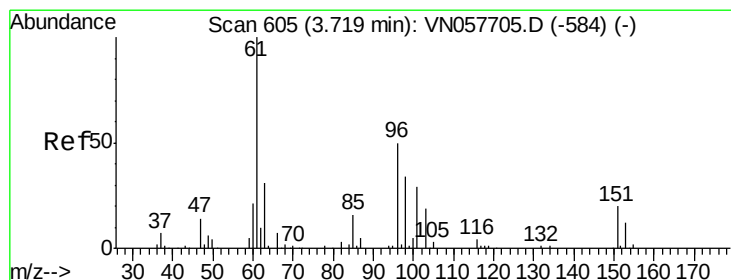
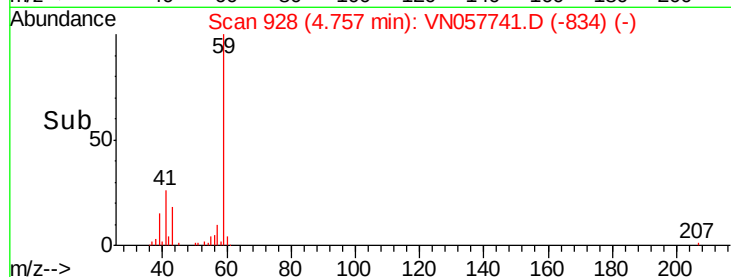
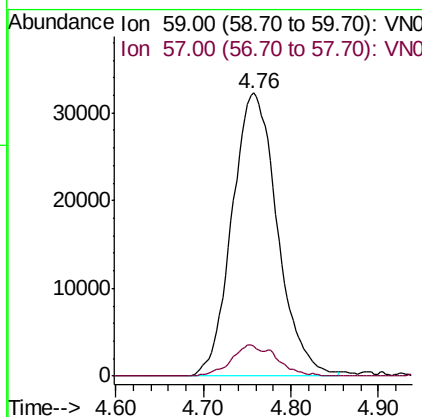
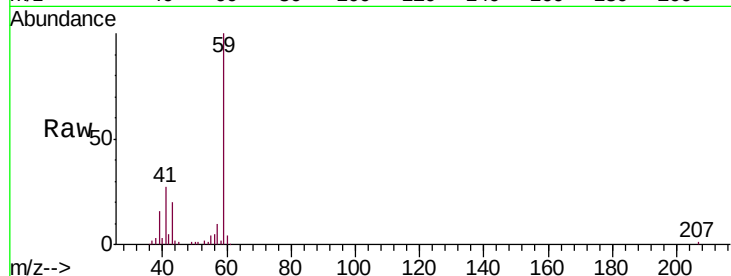


#11

Tert butyl alcohol
 Concen: 183.662 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

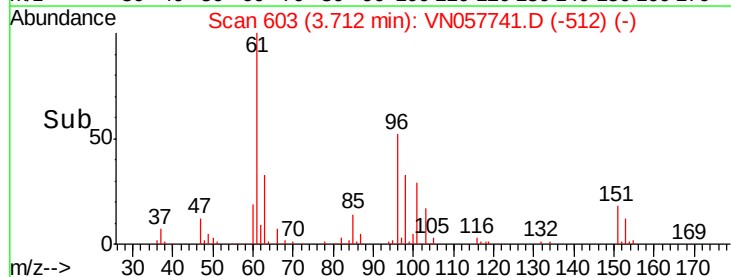
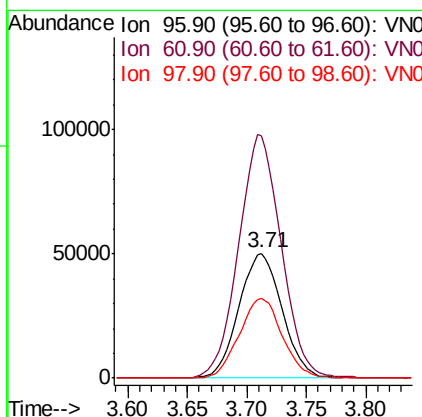
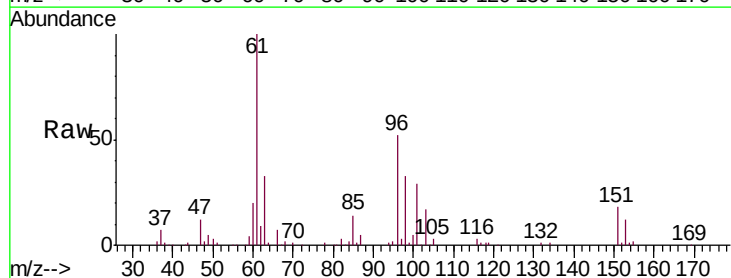
Tgt Ion: 59 Resp: 116063
 Ion Ratio Lower Upper
 59 100
 57 7.5 8.9 13.3#

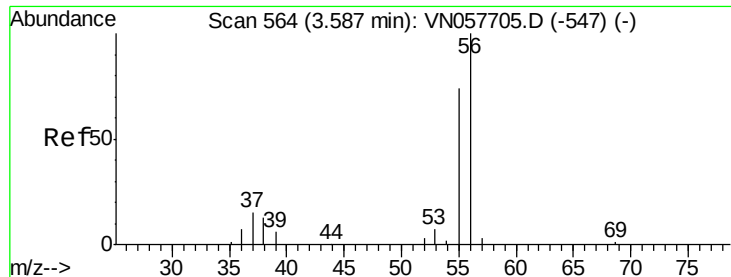


#12

1,1-Dichloroethene
 Concen: 44.577 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 96 Resp: 126309
 Ion Ratio Lower Upper
 96 100
 61 194.1 158.7 238.1
 98 63.6 53.8 80.8





#13

Acrolein

Concen: 202.271 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

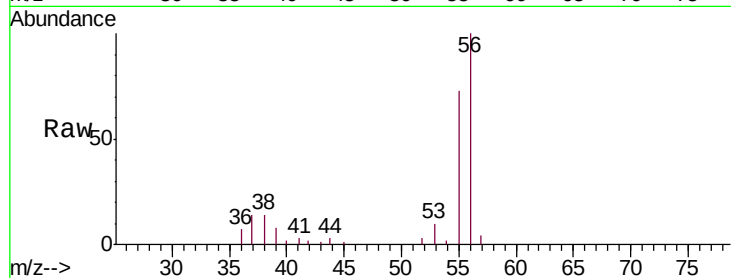
VSTDCCC050

Tgt Ion: 56 Resp: 60789

Ion Ratio Lower Upper

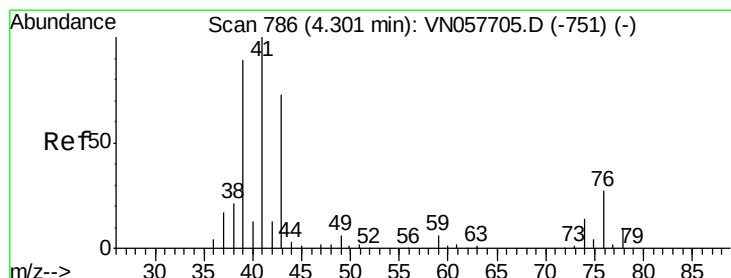
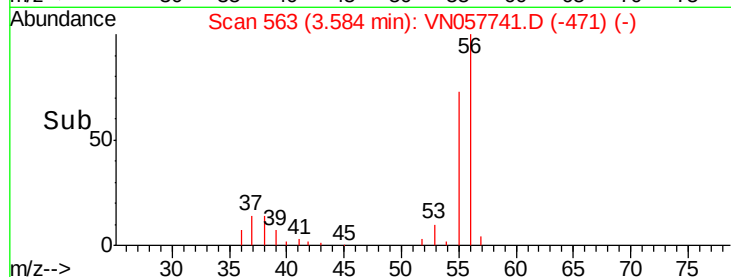
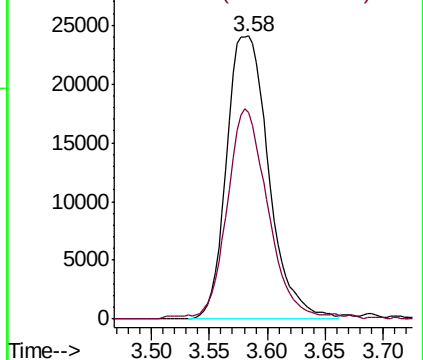
56 100

55 68.8 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.152 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.01 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

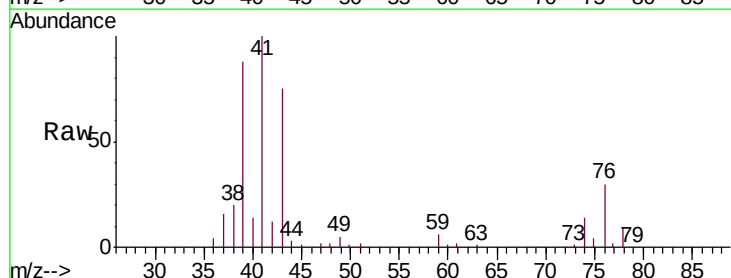
Tgt Ion: 41 Resp: 272939

Ion Ratio Lower Upper

41 100

39 82.8 67.5 101.3

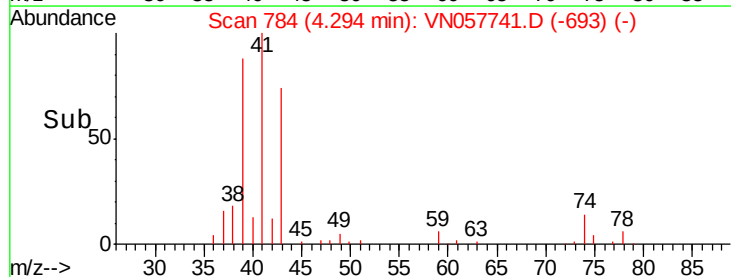
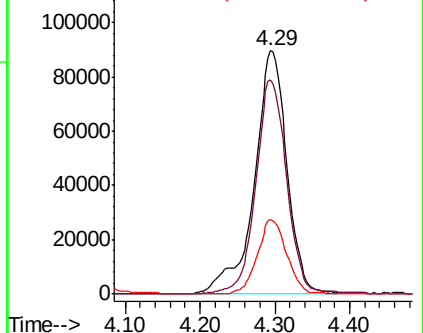
76 27.6 21.4 32.2

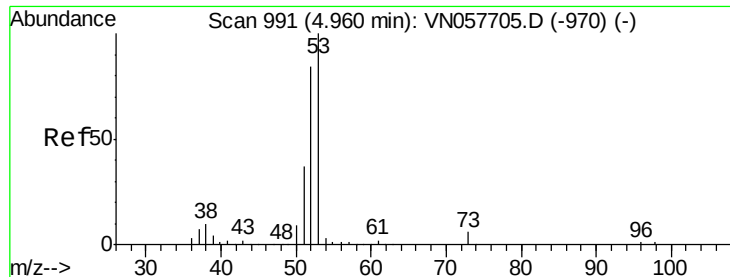


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 218.191 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

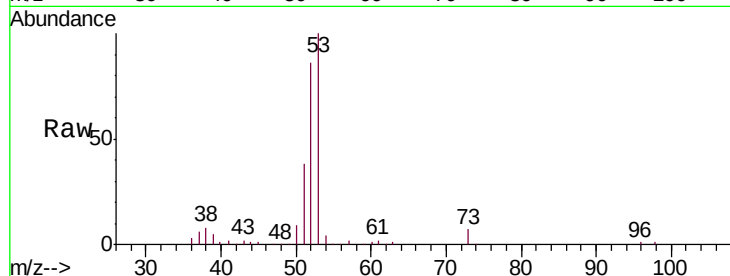
Tgt Ion: 53 Resp: 354491

Ion Ratio Lower Upper

53 100

52 85.2 68.1 102.1

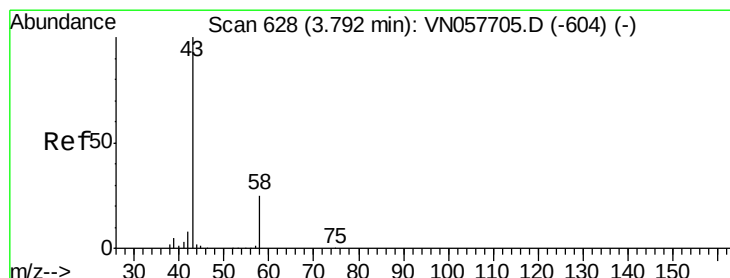
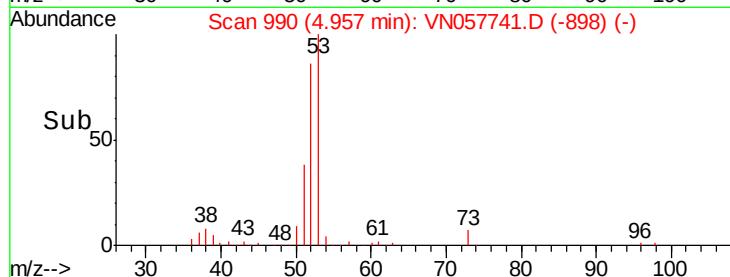
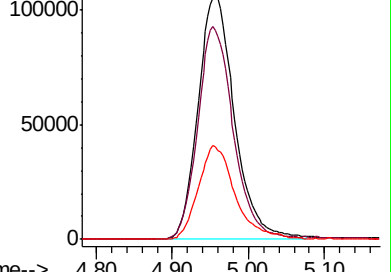
51 38.9 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN057741.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN057741.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VN057741.D (-898) (-)



#16

Acetone

Concen: 235.542 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057741.D

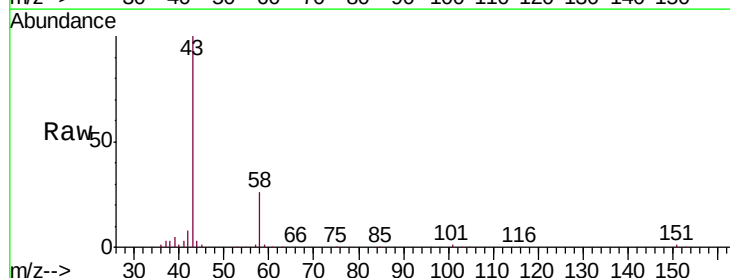
Acq: 7 Sep 2019 10:32

Tgt Ion: 43 Resp: 403156

Ion Ratio Lower Upper

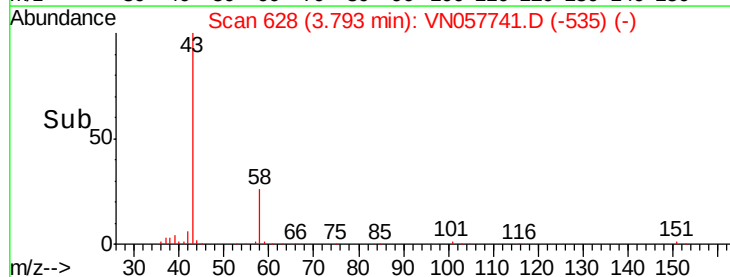
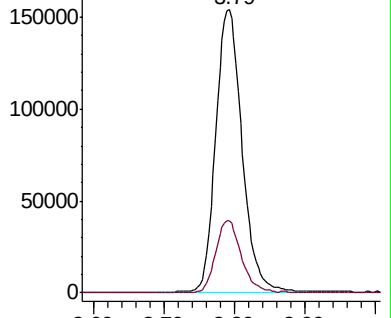
43 100

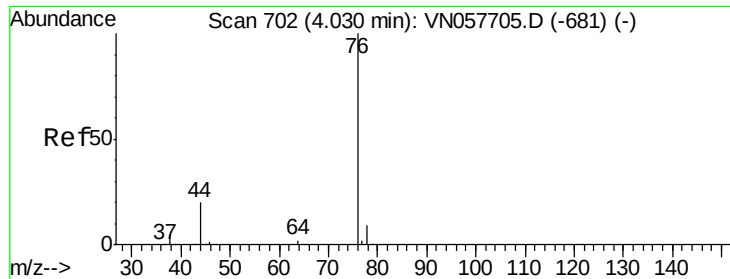
58 25.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN057741.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN057741.D (-535) (-)

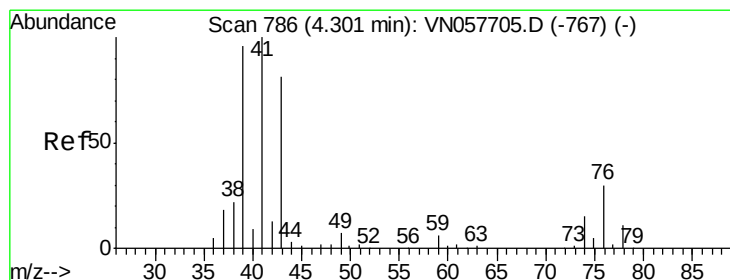
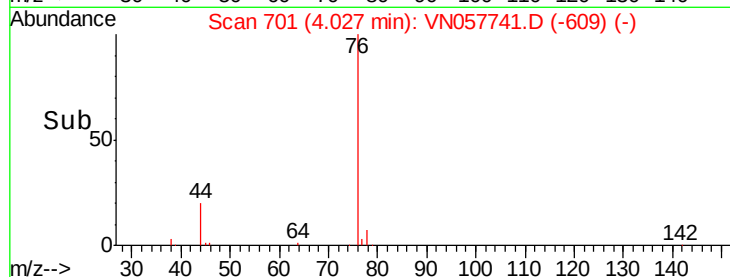
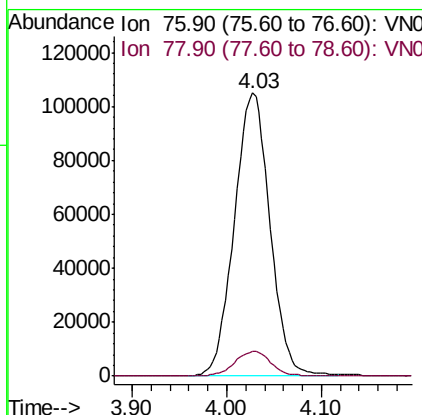
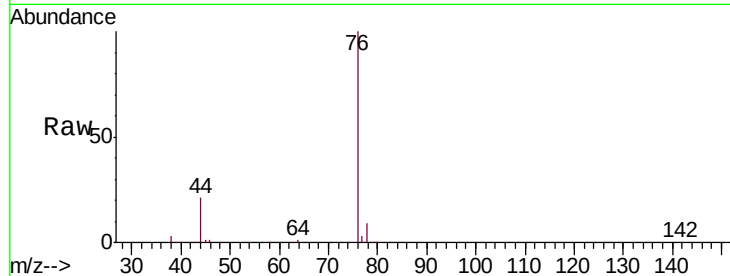




#17
Carbon Disulfide
Concen: 42.891 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

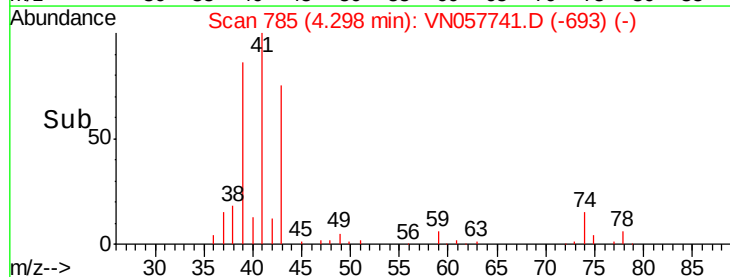
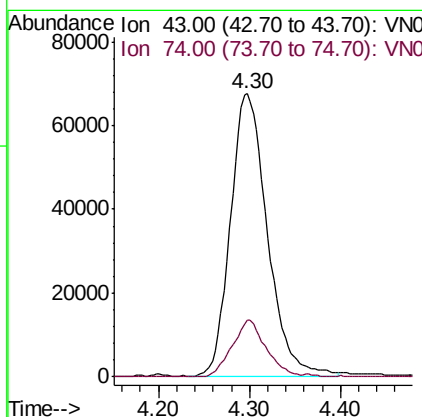
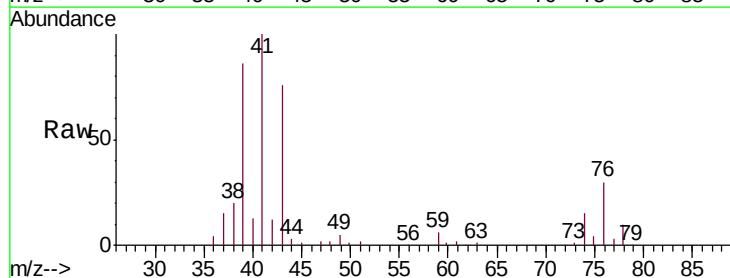
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

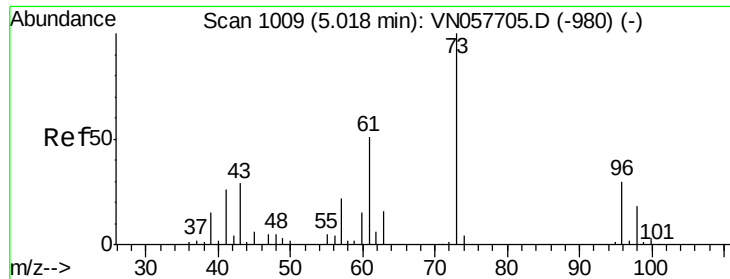
Tgt Ion: 76 Resp: 275352
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 41.121 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 43 Resp: 191398
Ion Ratio Lower Upper
43 100
74 18.4 15.3 22.9

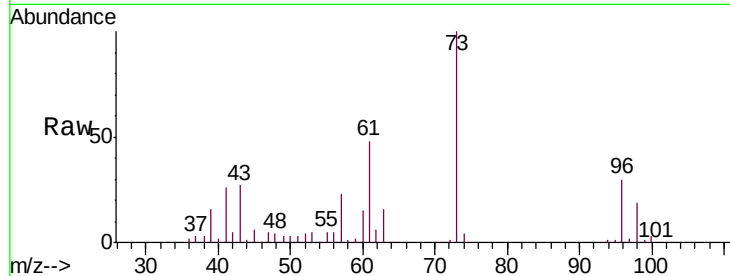




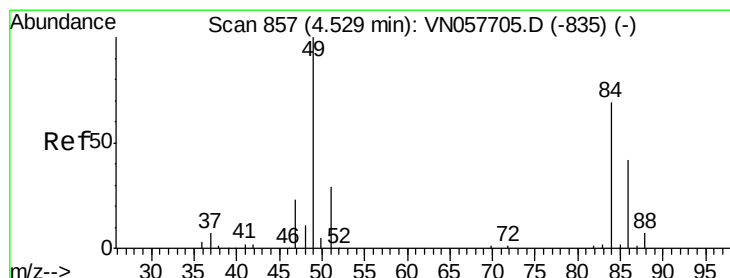
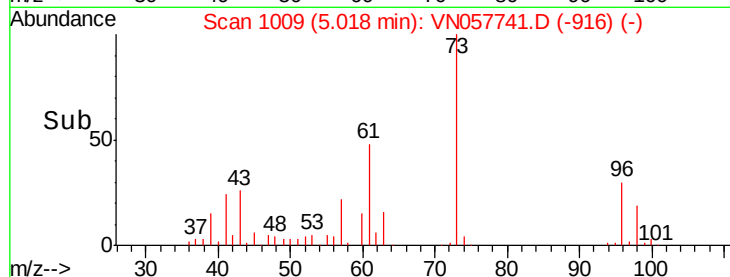
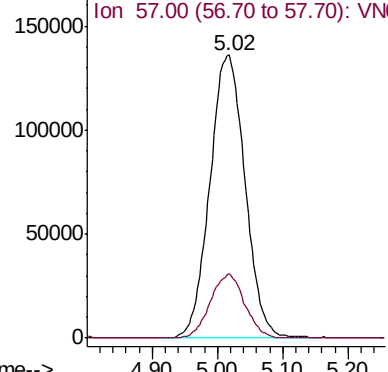
#19
Methyl tert-butyl Ether
Concen: 42.856 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 509808
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

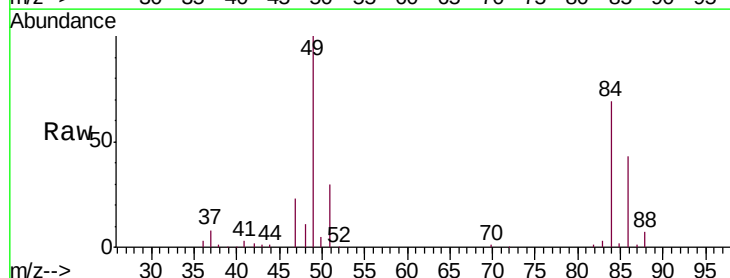


Abundance Ion 73.00 (72.70 to 73.70): VN057705.D (-980) (-)
Ion 57.00 (56.70 to 57.70): VN057705.D (-980) (-)

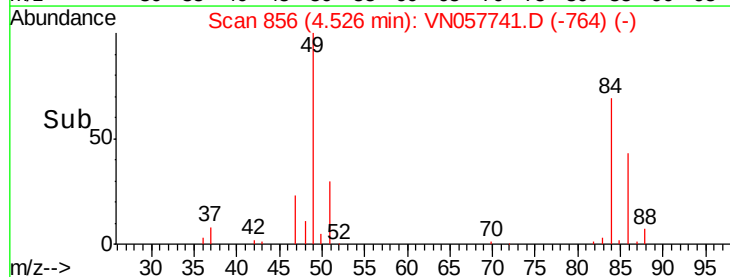
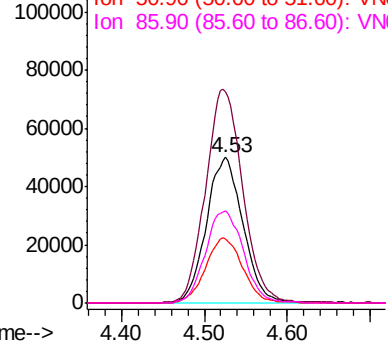


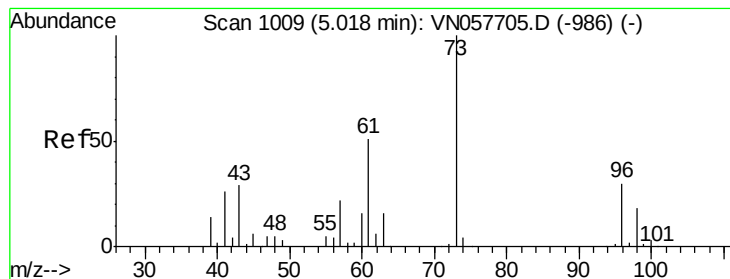
#20
Methylene Chloride
Concen: 41.582 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 84 Resp: 153888
Ion Ratio Lower Upper
84 100
49 145.0 115.0 172.6
51 44.2 33.8 50.8
86 62.9 48.2 72.2



Abundance Ion 83.90 (83.60 to 84.60): VN057705.D (-835) (-)
Ion 48.90 (48.60 to 49.60): VN057705.D (-835) (-)
Ion 50.90 (50.60 to 51.60): VN057705.D (-835) (-)
Ion 85.90 (85.60 to 86.60): VN057705.D (-835) (-)





#21

trans-1,2-Dichloroethene

Concen: 45.493 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

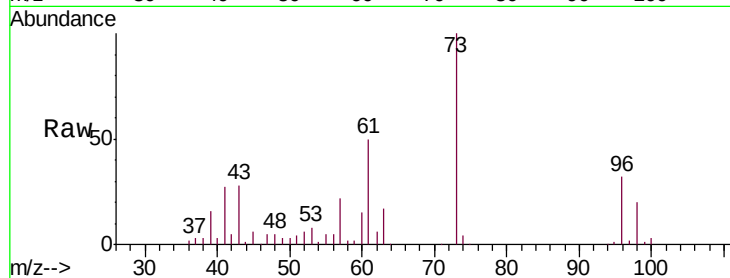
Tgt Ion: 96 Resp: 135642

Ion Ratio Lower Upper

96 100

61 157.4 135.8 203.8

98 62.0 49.0 73.6

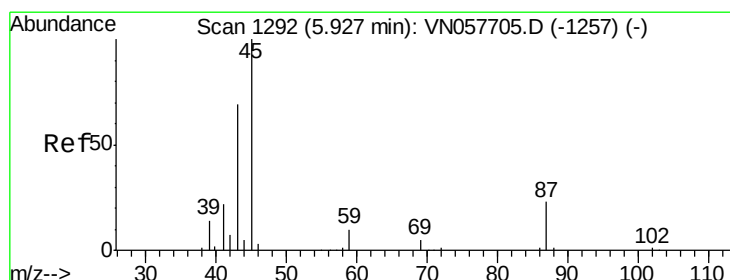
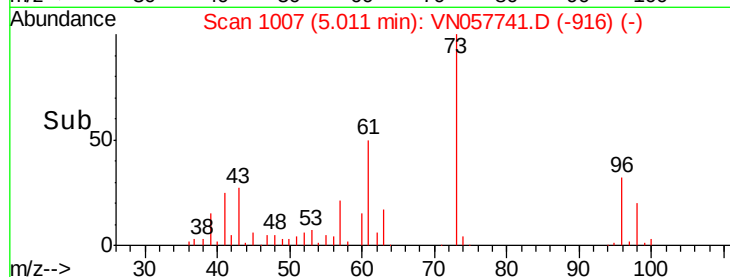
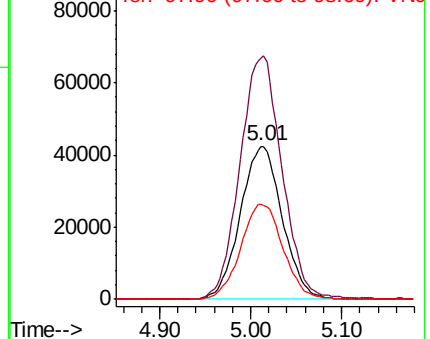


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 44.019 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Tgt Ion: 45 Resp: 602945

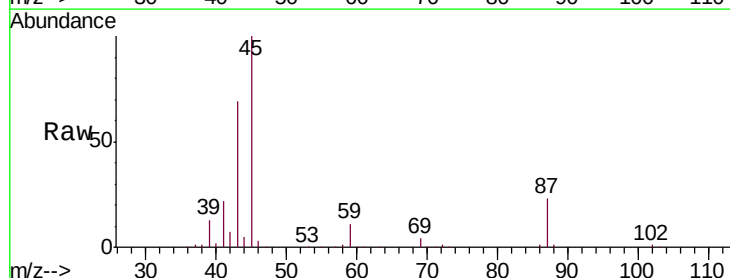
Ion Ratio Lower Upper

45 100

43 67.8 55.5 83.3

87 22.7 18.6 28.0

59 10.8 7.9 11.9



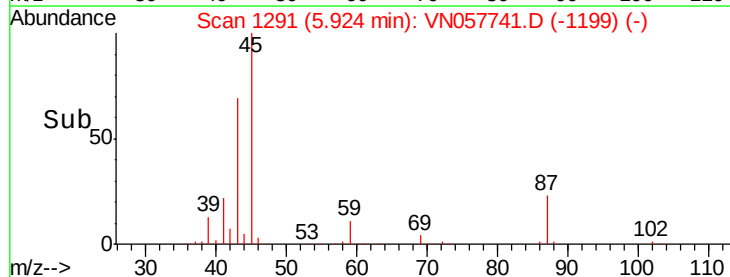
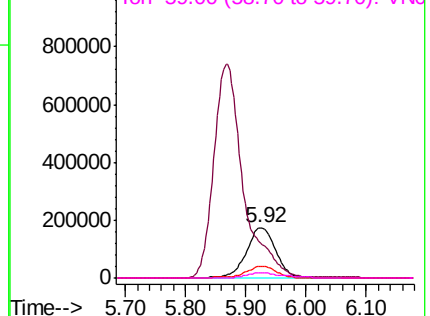
Abundance

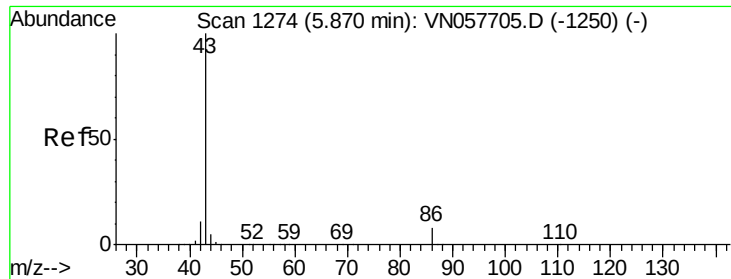
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 225.808 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

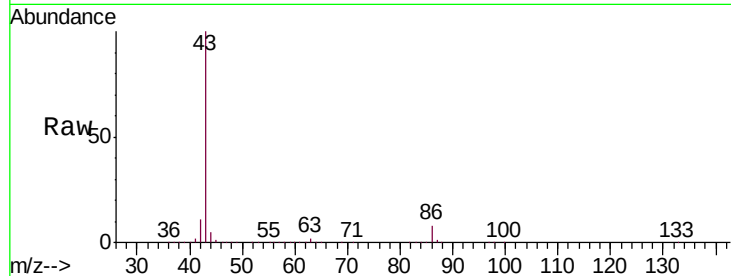
VSTDCCC050

Tgt Ion: 43 Resp: 2503475

Ion Ratio Lower Upper

43 100

86 8.1 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN057741.D (-1181) (-)

Ion 86.00 (85.70 to 86.70): VN057741.D (-1181) (-)

5.87

800000

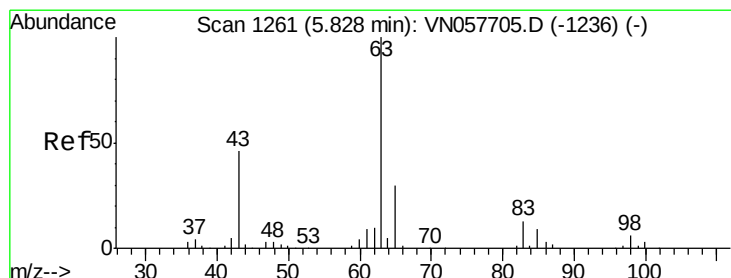
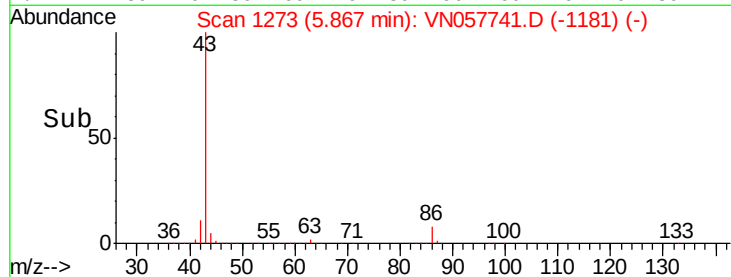
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 43.025 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

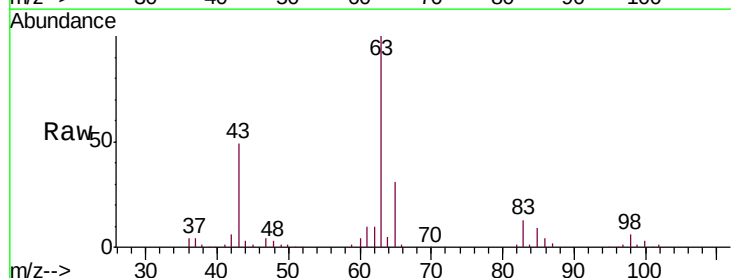
Tgt Ion: 63 Resp: 302176

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.4 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN057741.D (-1168) (-)

Ion 97.90 (97.60 to 98.60): VN057741.D (-1168) (-)

Ion 99.90 (99.60 to 100.60): VN057741.D (-1168) (-)

5.82

120000

100000

80000

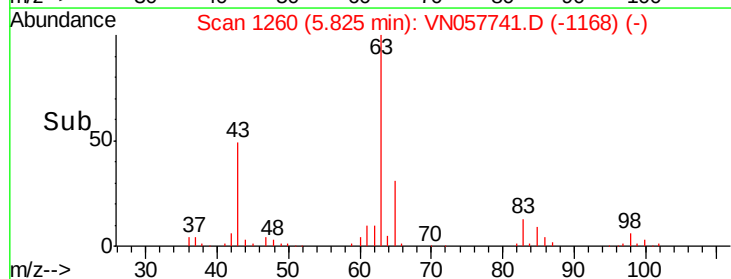
60000

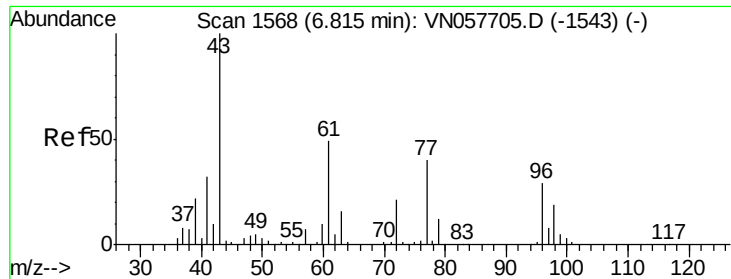
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.884 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

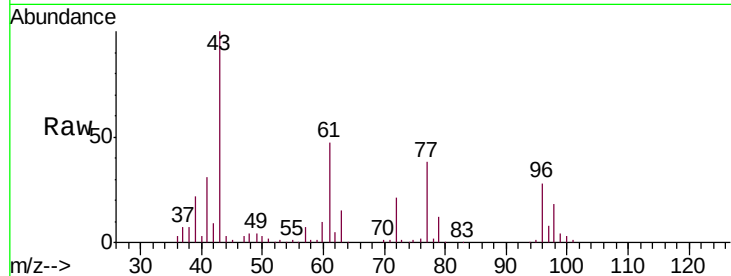
VSTDCCC050

Tgt Ion: 43 Resp: 546324

Ion Ratio Lower Upper

43 100

72 20.8 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN057705.D (-1543) (-)

6.81

200000

150000

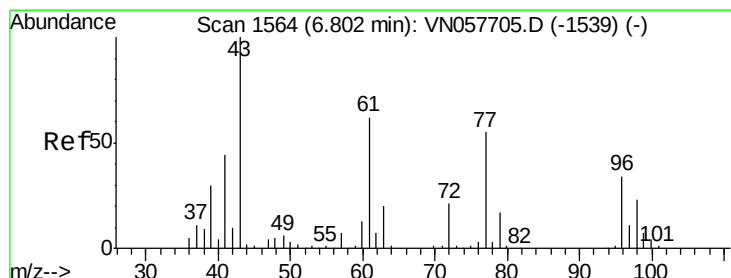
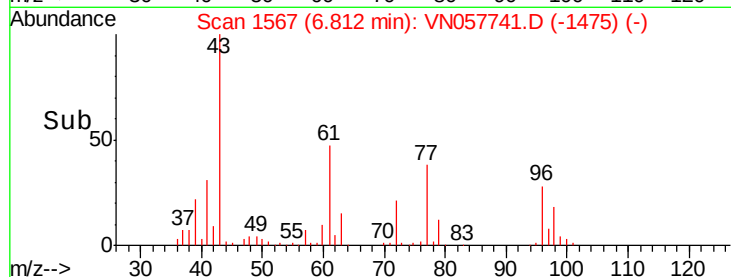
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 45.972 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057741.D

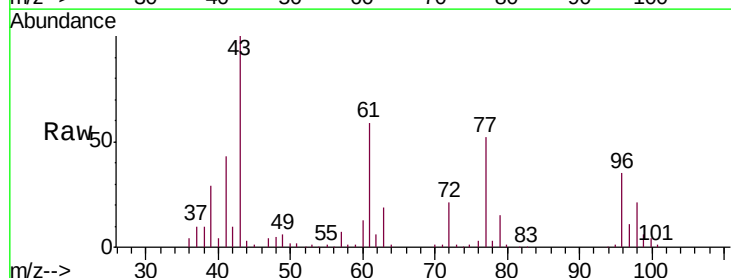
Acq: 7 Sep 2019 10:32

Tgt Ion: 77 Resp: 269358

Ion Ratio Lower Upper

77 100

97 21.1 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN057705.D (-1539) (-)

Ion 96.90 (96.60 to 97.60): VN057705.D (-1539) (-)

6.80

100000

80000

60000

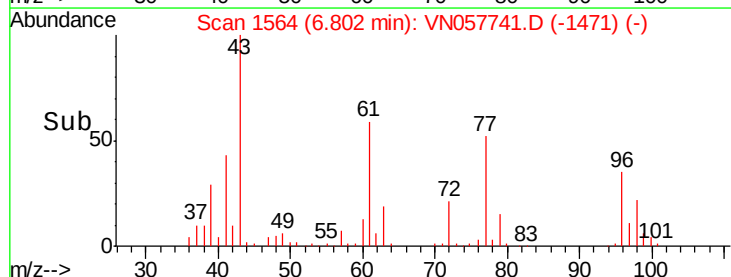
40000

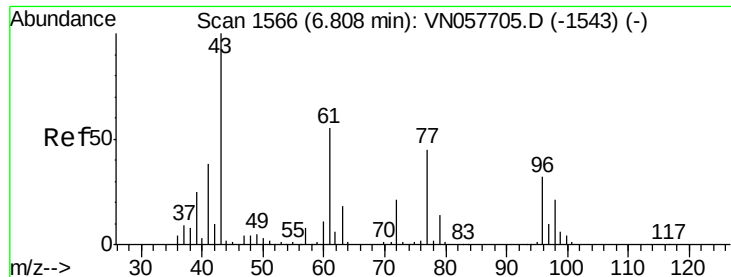
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.107 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

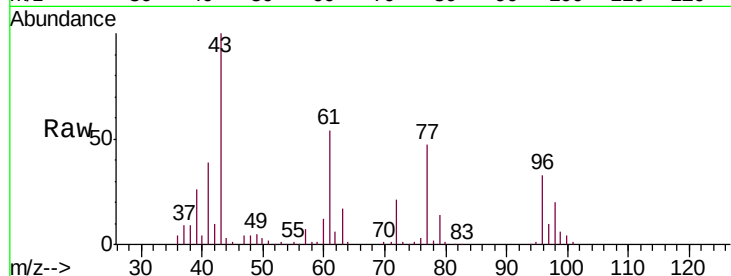
Tgt Ion: 96 Resp: 172556

Ion Ratio Lower Upper

96 100

61 169.8 0.0 360.6

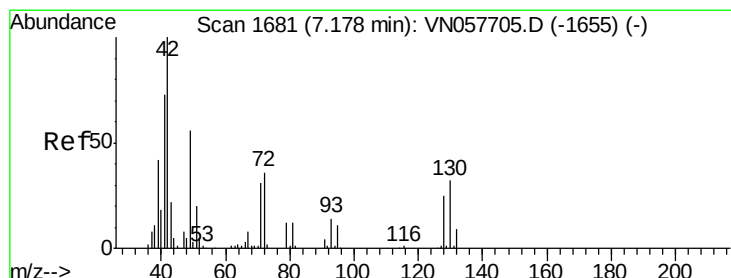
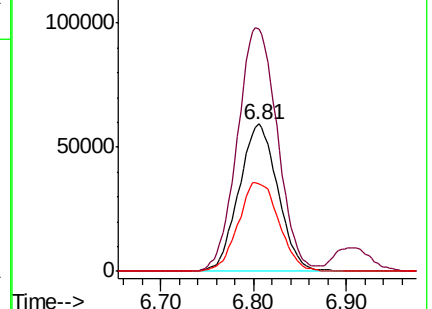
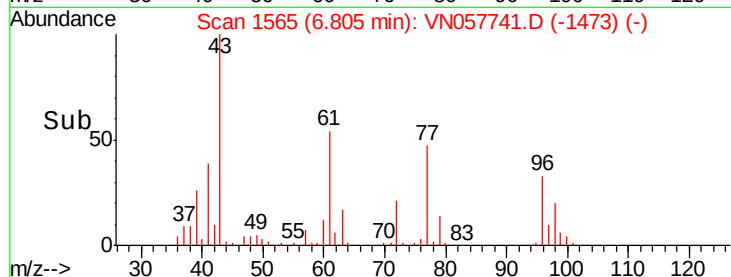
98 63.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 44.519 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

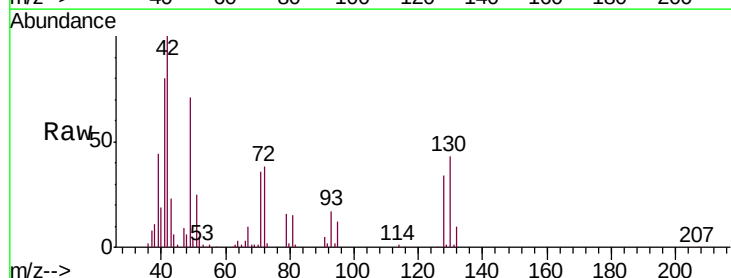
Tgt Ion: 49 Resp: 163594

Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

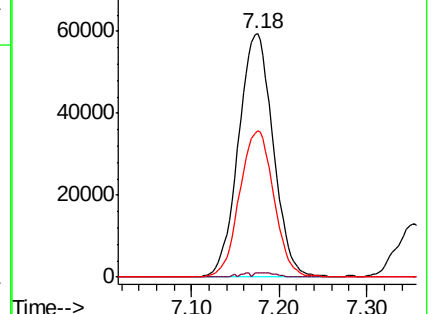
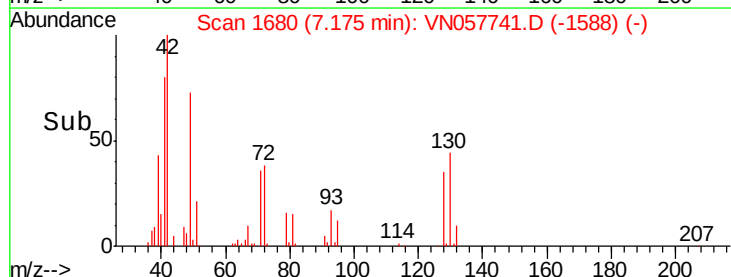
130 59.3 45.8 68.8

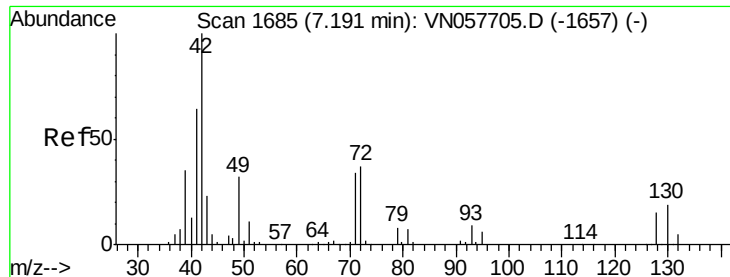


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 213.312 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

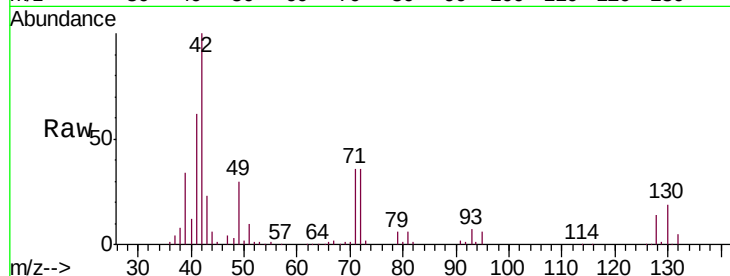
Tgt Ion: 42 Resp: 337191

Ion Ratio Lower Upper

42 100

72 36.6 29.2 43.8

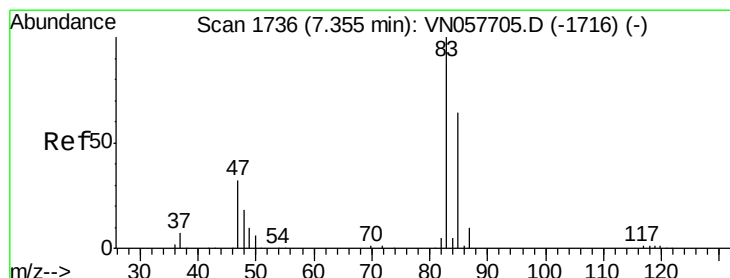
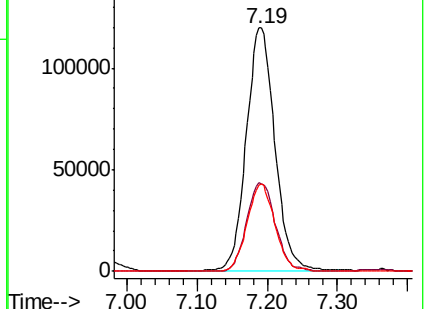
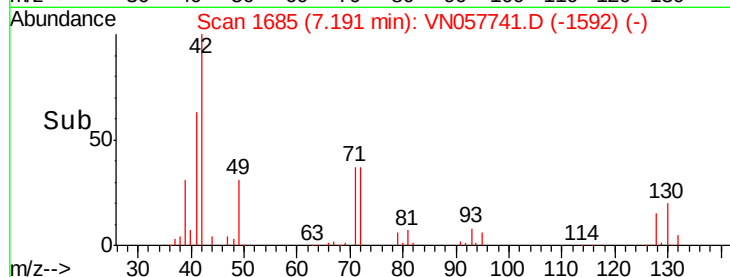
71 35.2 27.0 40.4



Abundance Ion 42.00 (41.70 to 42.70): VN057705.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN057705.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN057705.D (-1657) (-)



#30

Chloroform

Concen: 45.167 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN057741.D

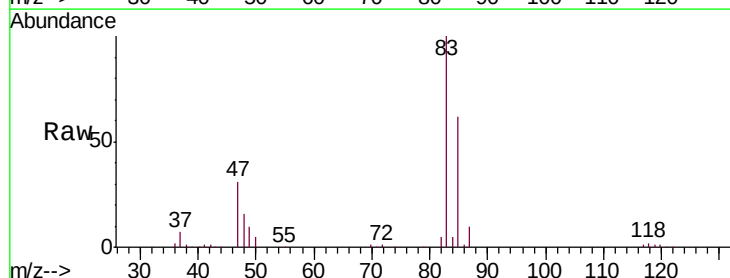
Acq: 7 Sep 2019 10:32

Tgt Ion: 83 Resp: 330551

Ion Ratio Lower Upper

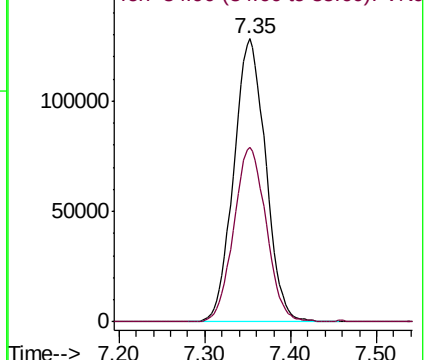
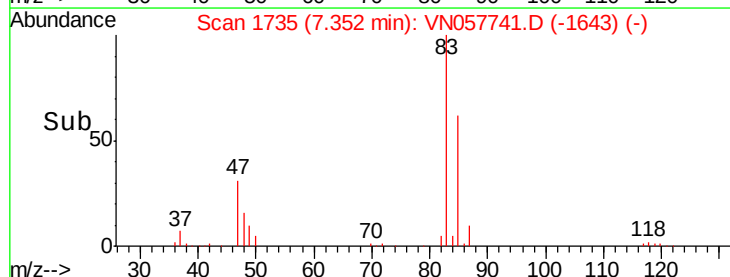
83 100

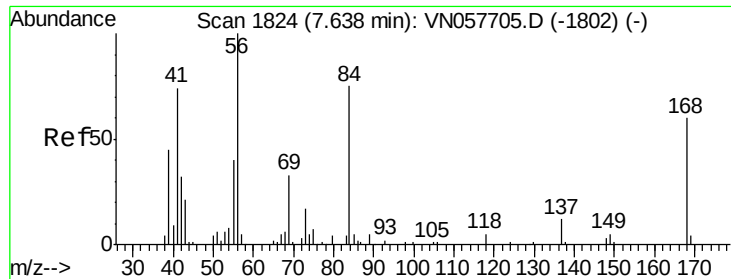
85 61.8 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN057705.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN057705.D (-1716) (-)

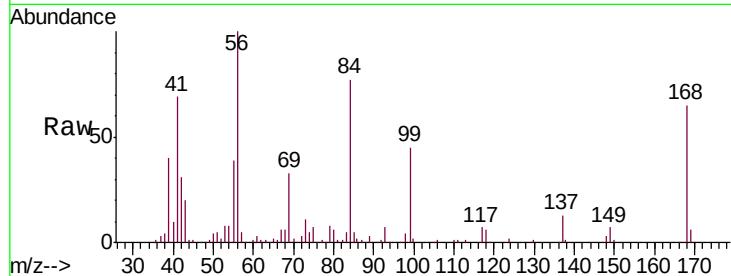




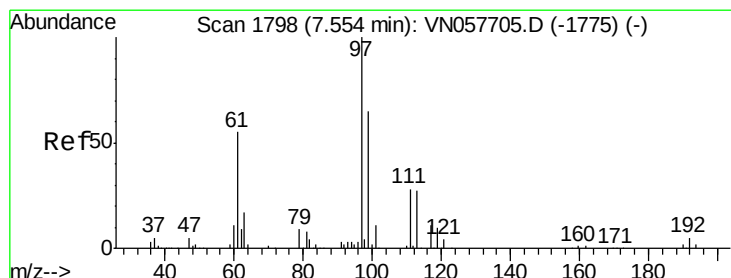
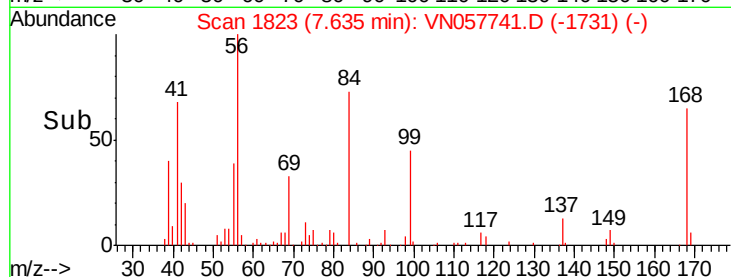
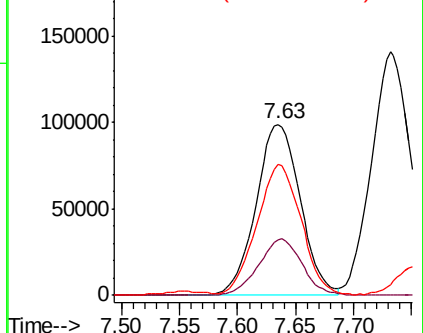
#31
Cyclohexane
Concen: 42.003 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 262211
Ion Ratio Lower Upper
56 100
69 32.6 26.2 39.2
84 75.0 59.8 89.8

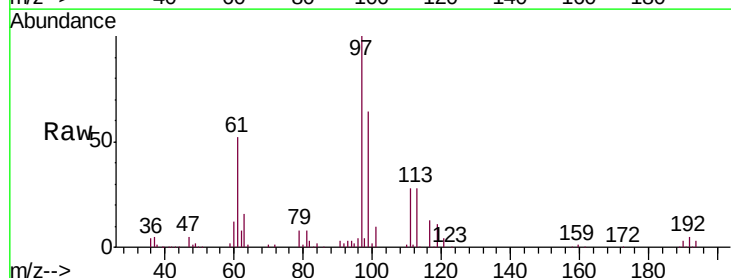


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

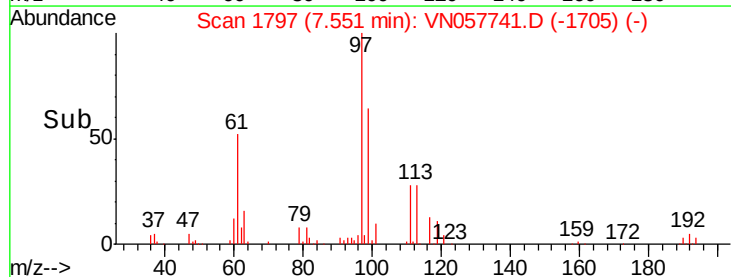
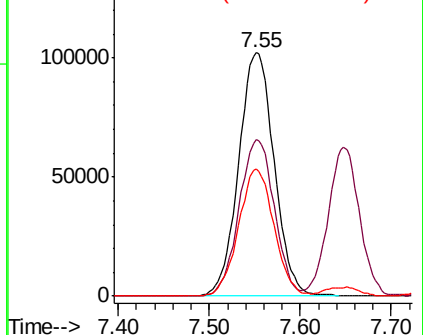


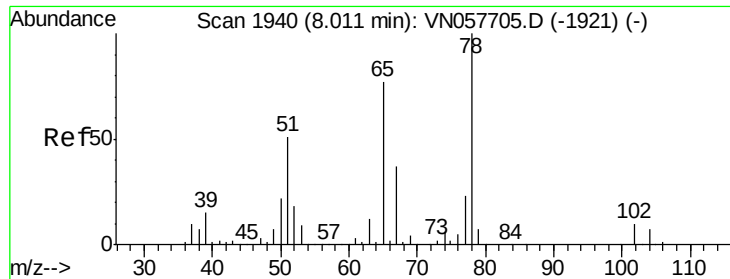
#32
1,1,1-Trichloroethane
Concen: 45.494 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 97 Resp: 277322
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 52.1 42.8 64.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

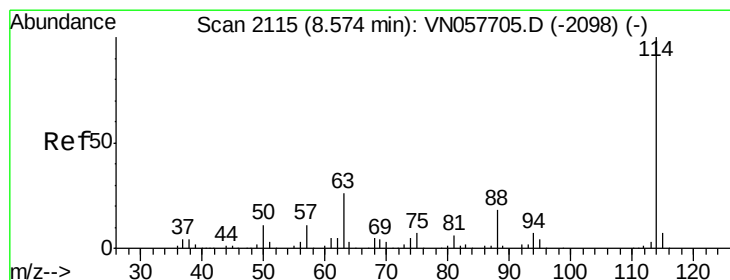
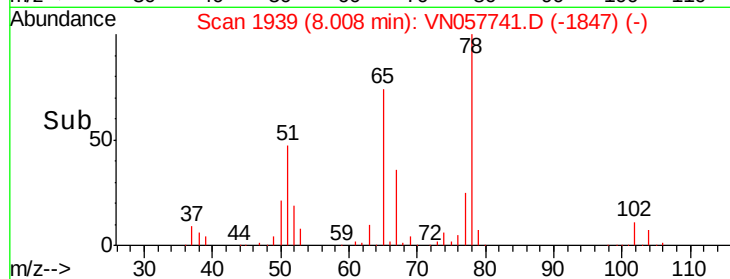
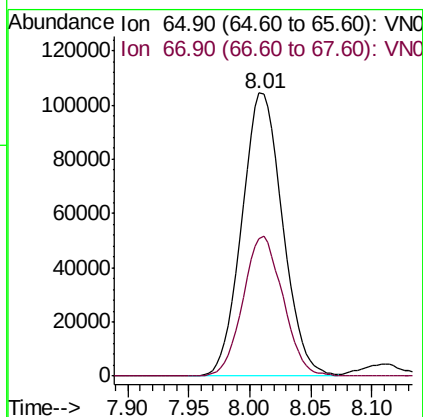
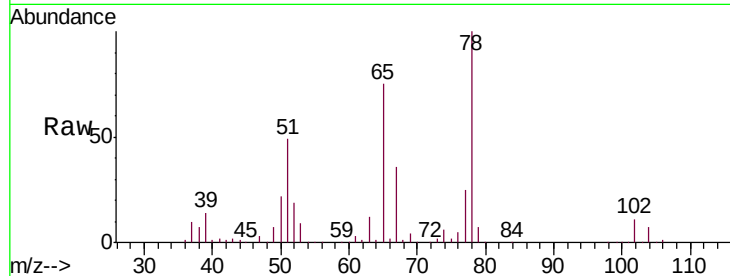




#33
 1,2-Dichloroethane-d4
 Concen: 43.401 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

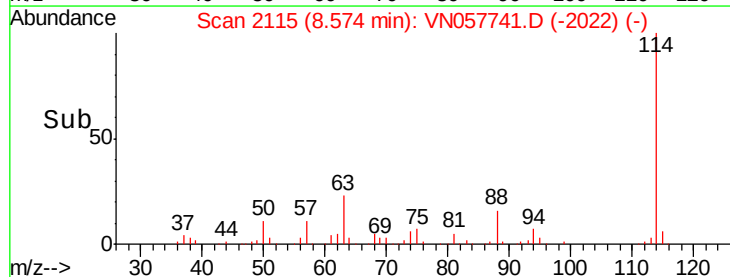
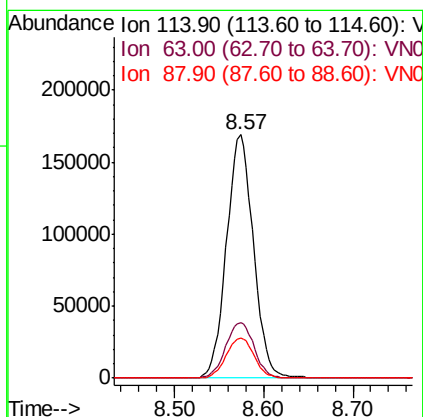
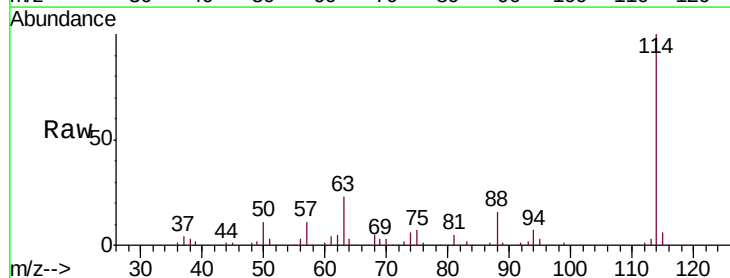
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

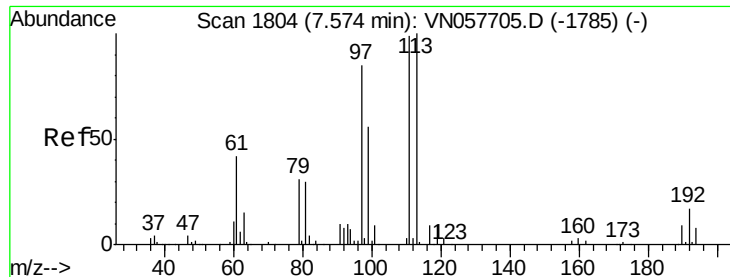
Tgt Ion: 65 Resp: 241393
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 114 Resp: 352890
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 52.4
 88 16.2 0.0 35.4

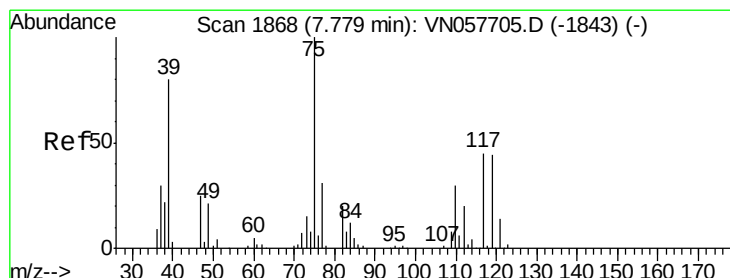
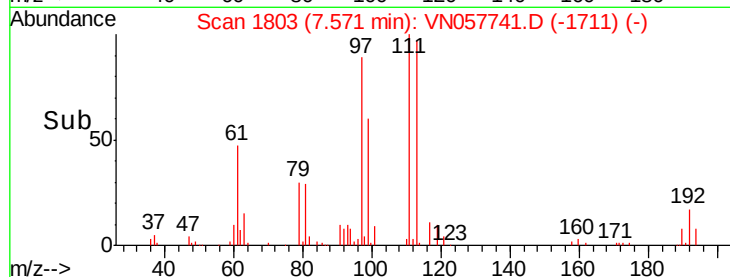
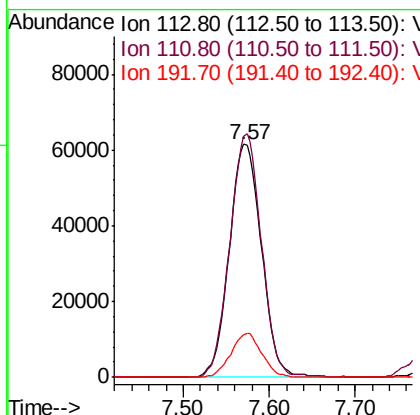
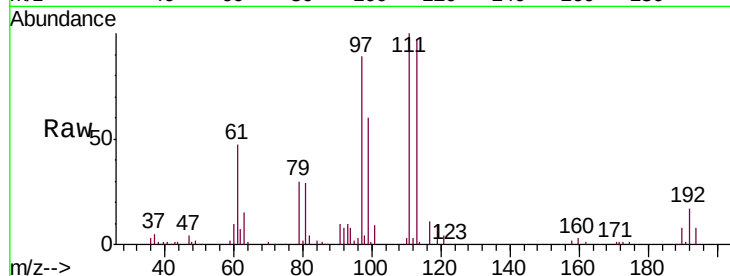




#35
 Dibromofluoromethane
 Concen: 49.660 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

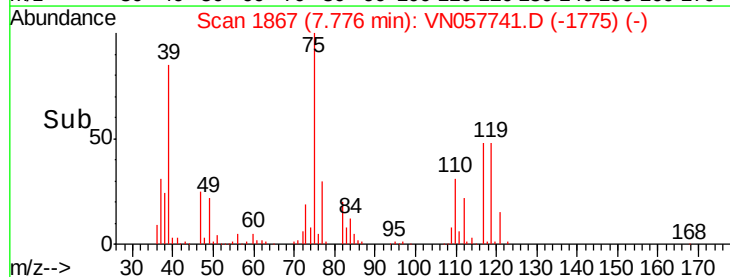
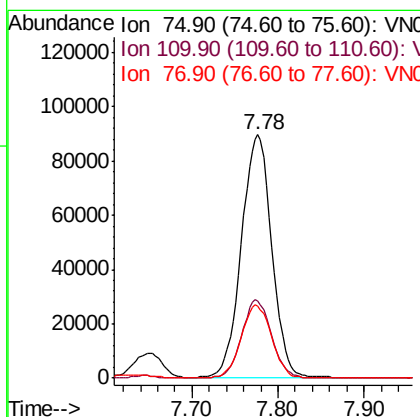
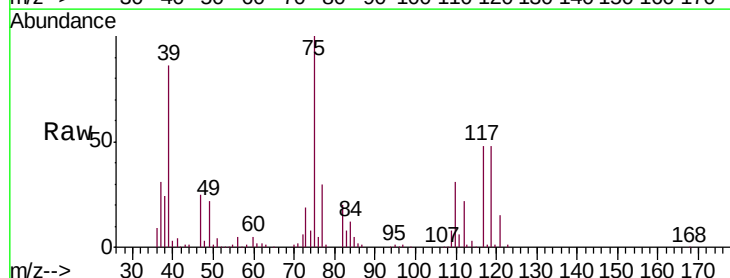
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

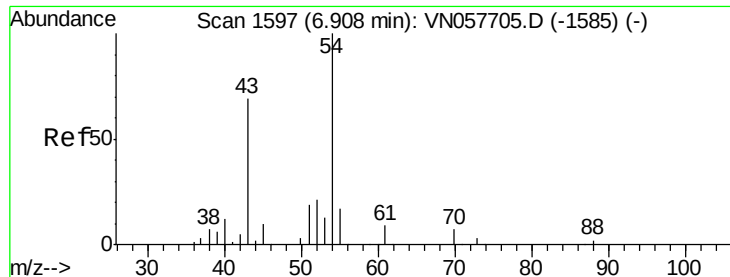
Tgt Ion: 113 Resp: 159623
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.7 124.1
 192 18.1 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 46.758 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 75 Resp: 219514
 Ion Ratio Lower Upper
 75 100
 110 31.7 15.0 45.0
 77 30.5 24.6 37.0

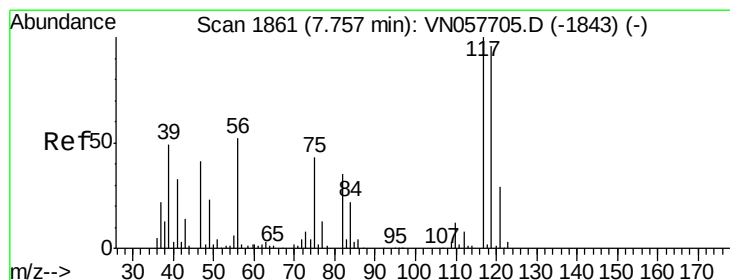
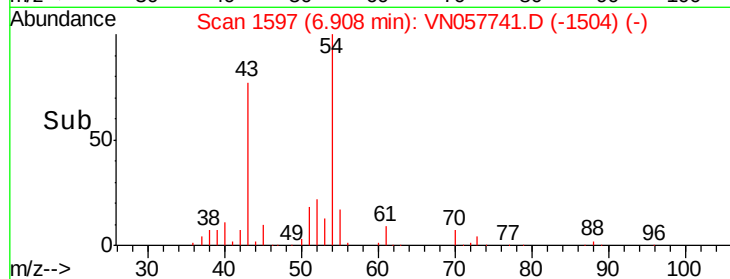
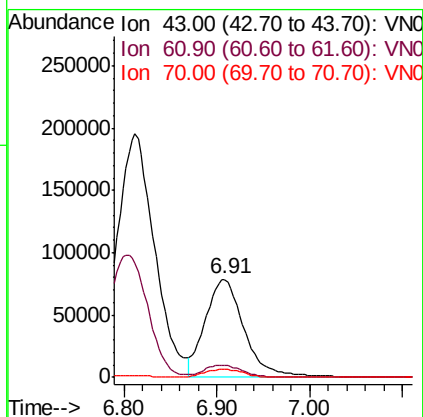
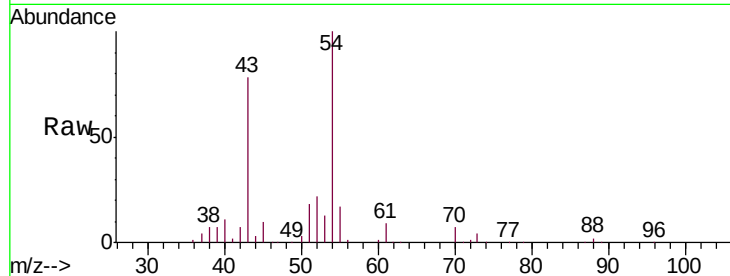




#37
Ethyl Acetate
Concen: 48.014 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

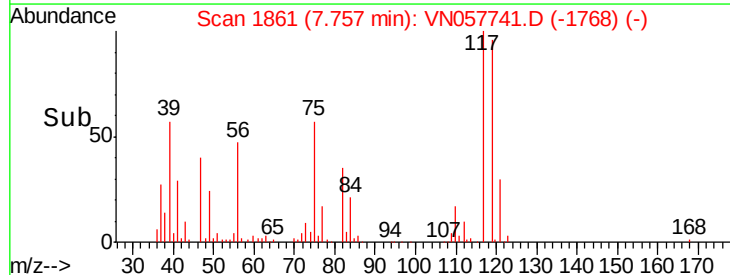
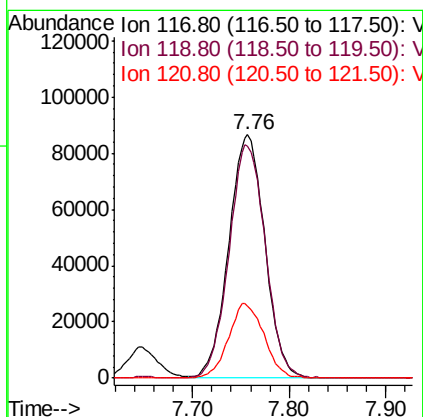
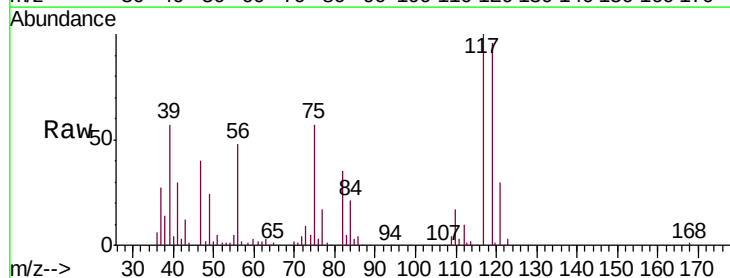
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

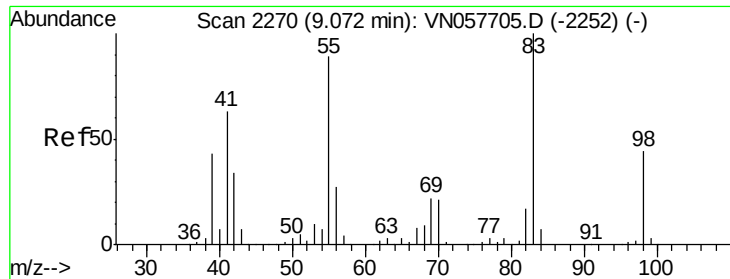
Tgt Ion: 43 Resp: 223780
Ion Ratio Lower Upper
43 100
61 11.5 9.8 14.8
70 8.7 6.7 10.1



#38
Carbon Tetrachloride
Concen: 49.957 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 117 Resp: 224568
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 29.7 23.4 35.2

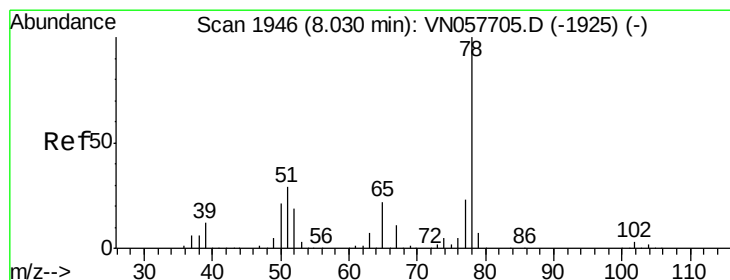
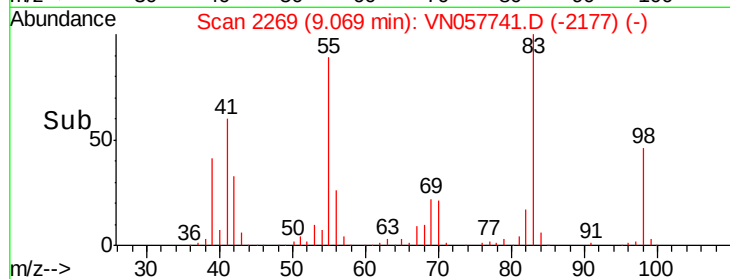
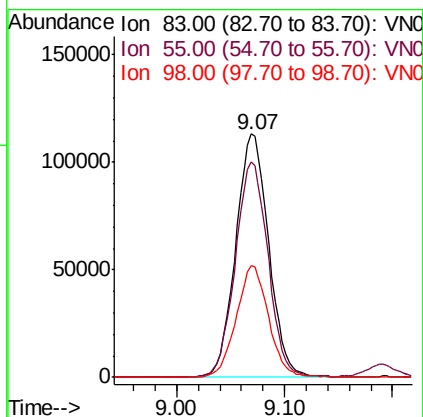
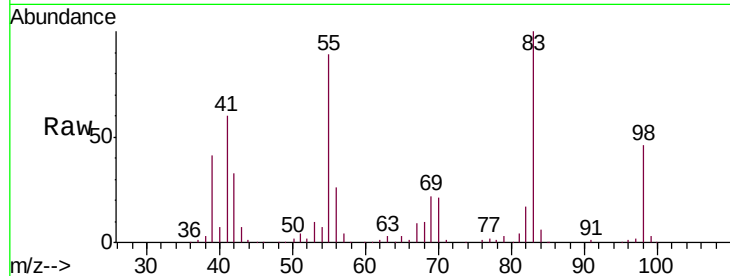




#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

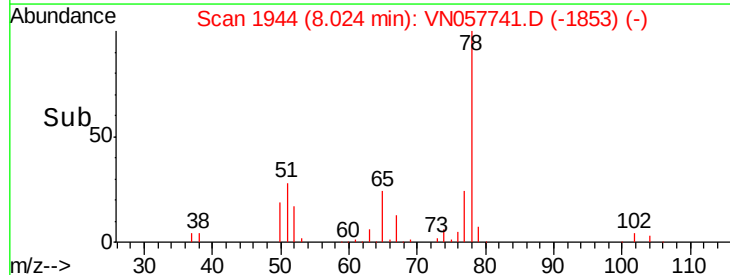
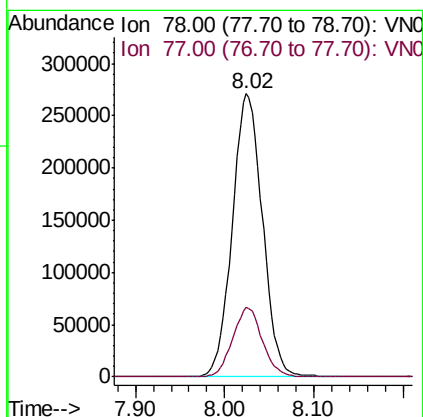
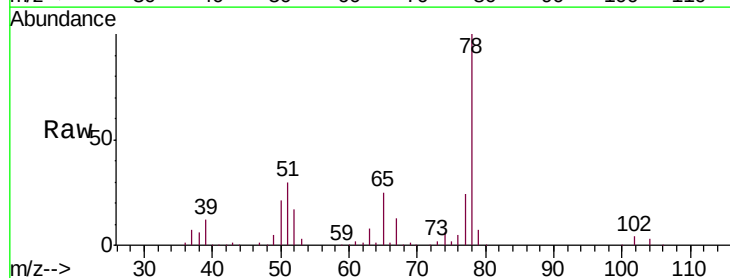
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

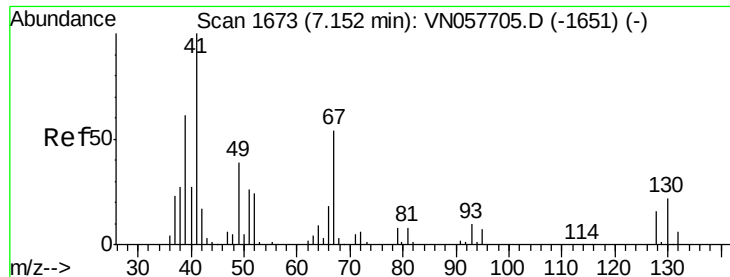
Tgt Ion: 83 Resp: 241156
Ion Ratio Lower Upper
83 100
55 88.6 71.4 107.0
98 46.0 35.3 52.9



#40
Benzene
Concen: 47.907 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.01 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 78 Resp: 636145
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0

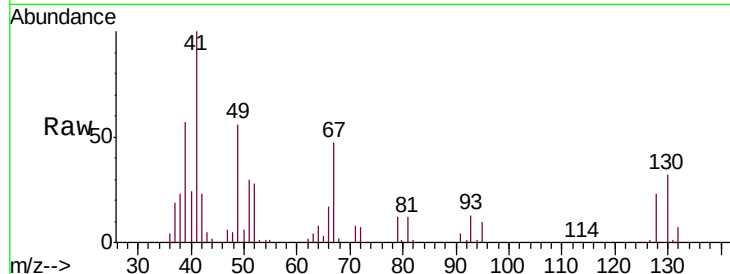




#41
Methacrylonitrile
Concen: 49.360 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	112454
Ion	Ratio	Lower	Upper
41	100		
39	48.6	43.6	65.4
67	69.9	59.8	89.6
52	37.5	30.7	46.1



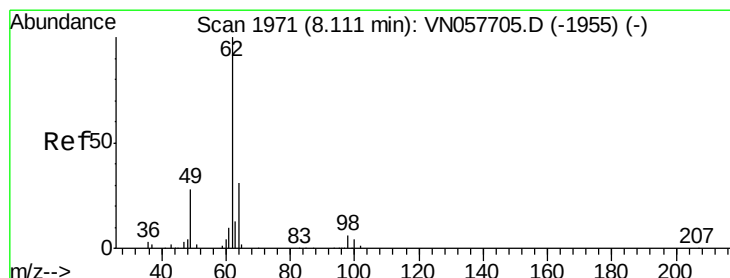
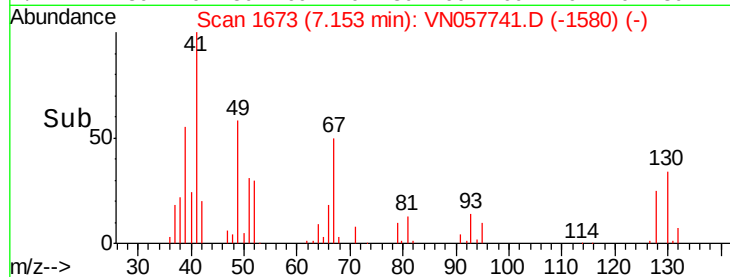
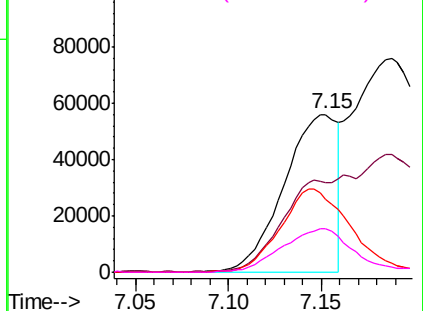
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

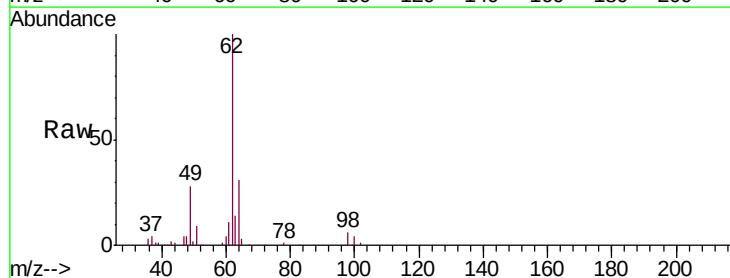
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 46.199 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

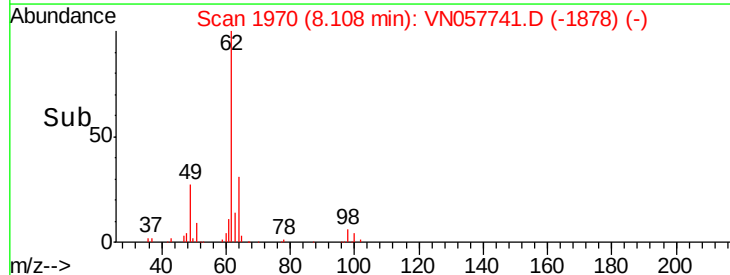
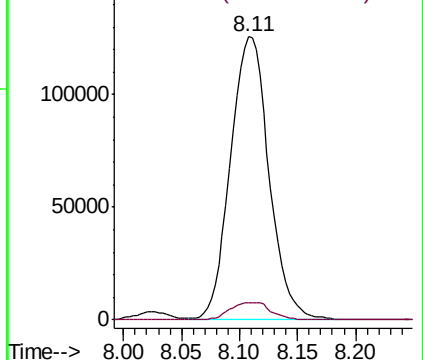
Tgt Ion:	62	Resp:	287551
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	12.6

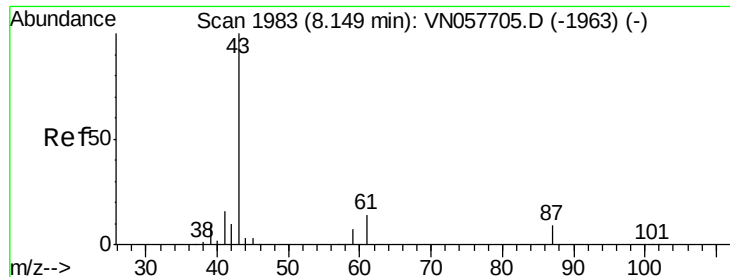


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

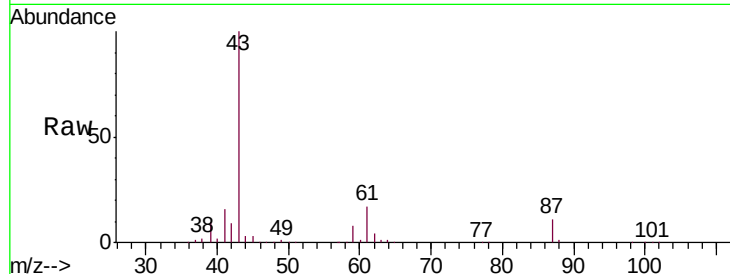




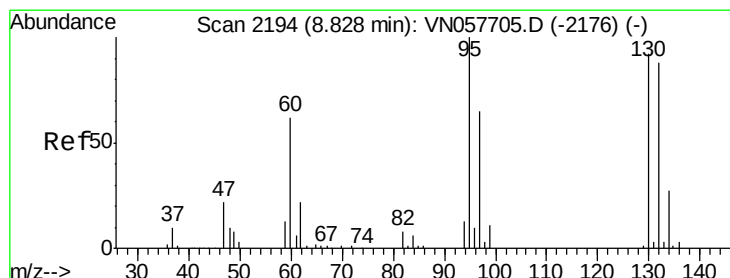
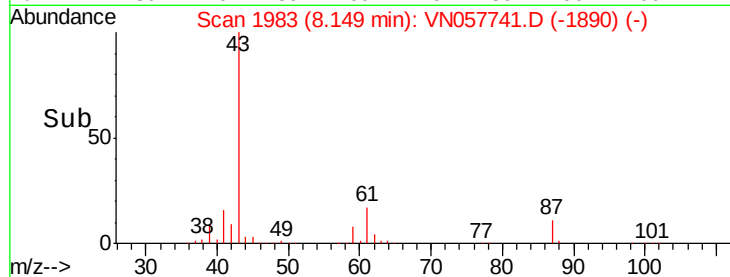
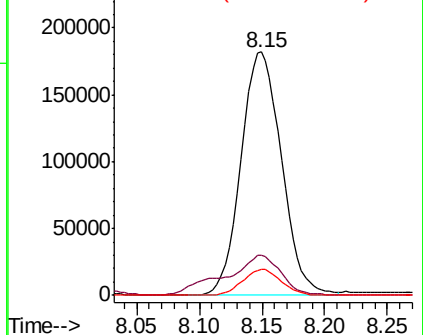
#43
Isopropyl Acetate
Concen: 45.482 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 406880
Ion Ratio Lower Upper
43 100
61 15.2 12.8 19.2
87 10.3 7.8 11.8

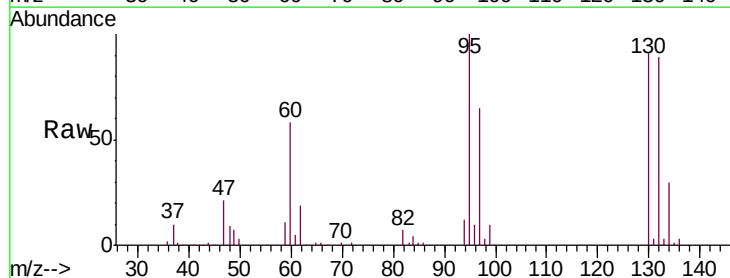


Abundance Ion 43.00 (42.70 to 43.70): VN057741.D (-2101) (-)
Ion 61.00 (60.70 to 61.70): VN057741.D (-2101) (-)
Ion 87.00 (86.70 to 87.70): VN057741.D (-2101) (-)

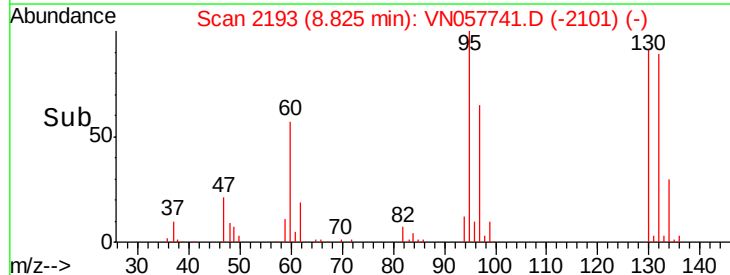
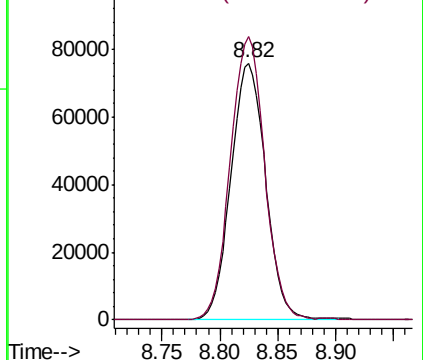


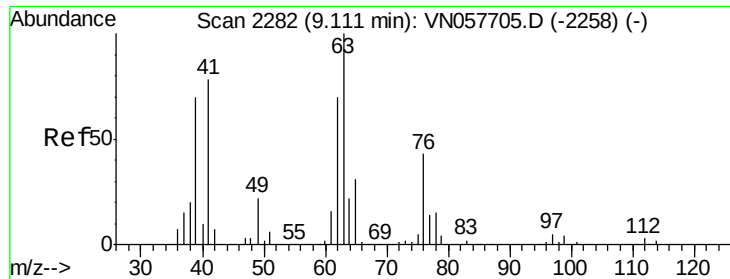
#44
Trichloroethene
Concen: 52.961 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 130 Resp: 158059
Ion Ratio Lower Upper
130 100
95 110.2 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057741.D (-2101) (-)
Ion 94.90 (94.60 to 95.60): VN057741.D (-2101) (-)

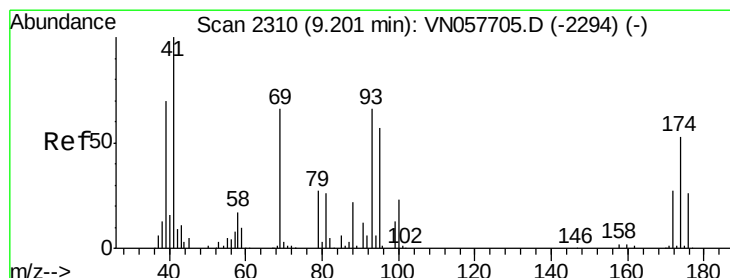
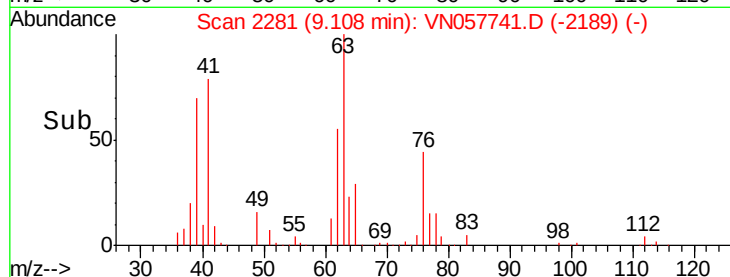
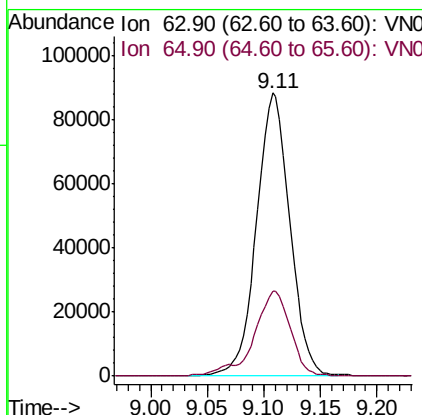
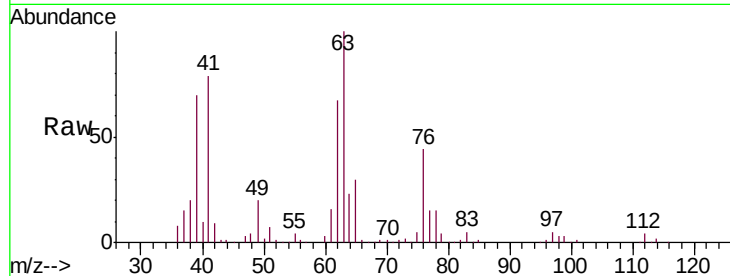




#45
 1,2-Dichloropropane
 Concen: 48.867 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

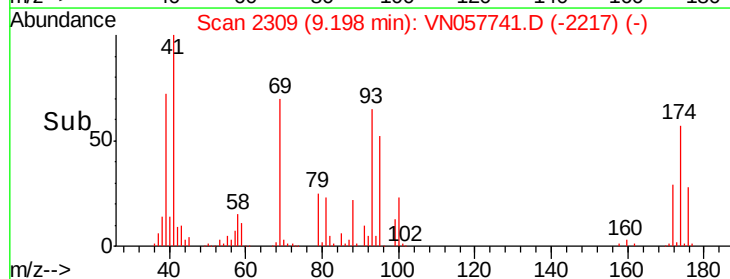
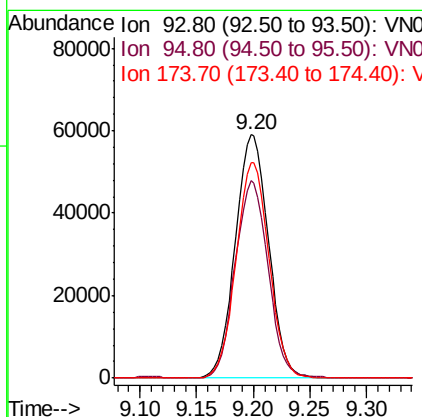
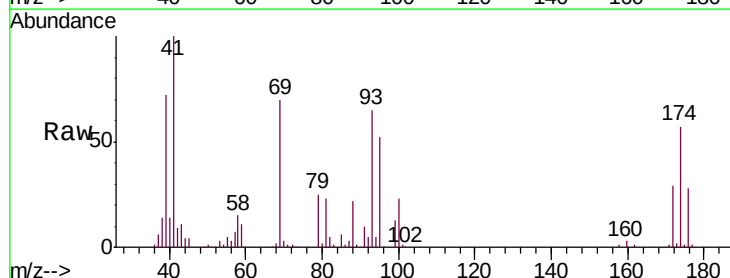
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

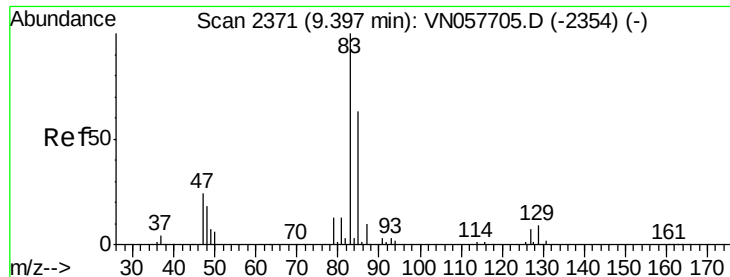
Tgt Ion: 63 Resp: 181483
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.5 36.7



#46
 Dibromomethane
 Concen: 50.934 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 93 Resp: 121338
 Ion Ratio Lower Upper
 93 100
 95 80.2 66.1 99.1
 174 87.2 63.4 95.2





#47

Bromodichloromethane

Concen: 49.548 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

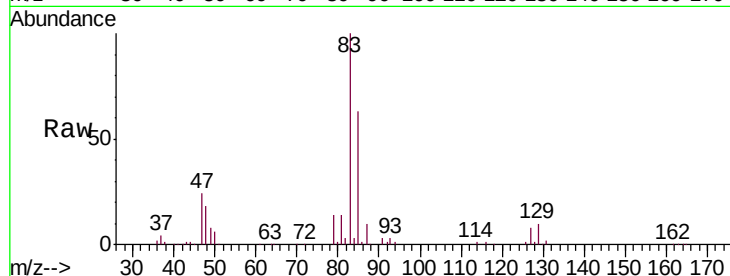
Tgt Ion: 83 Resp: 250849

Ion Ratio Lower Upper

83 100

85 62.7 50.7 76.1

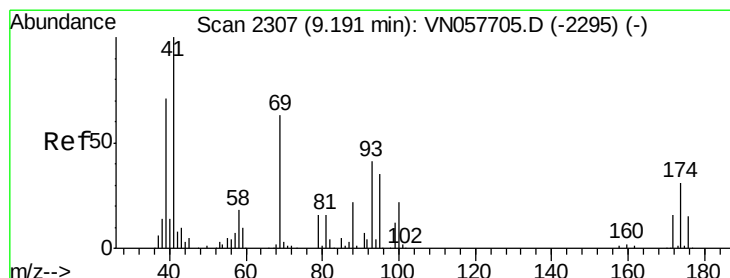
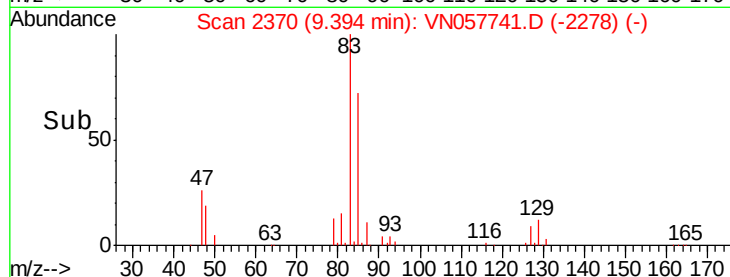
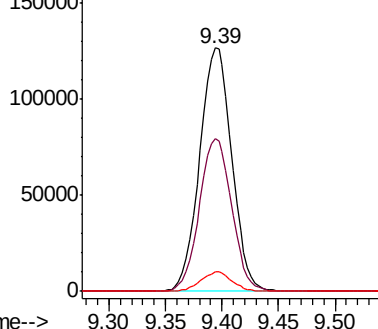
127 7.9 5.6 8.4



Abundance Ion 82.90 (82.60 to 83.60): VN057741.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057741.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057741.D (-2278) (-)



#48

Methyl methacrylate

Concen: 44.794 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

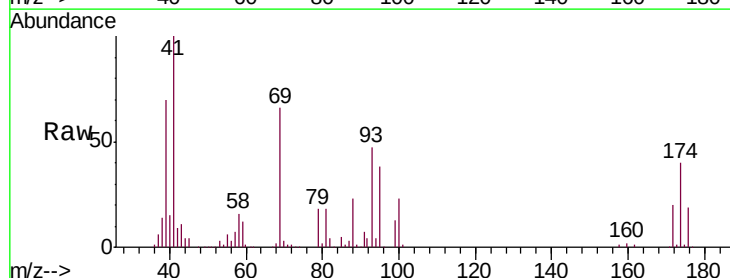
Tgt Ion: 41 Resp: 206089

Ion Ratio Lower Upper

41 100

69 67.1 51.2 76.8

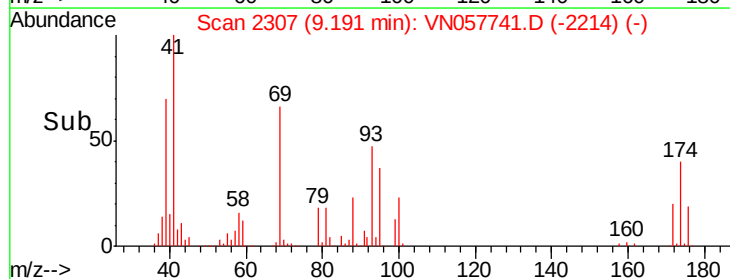
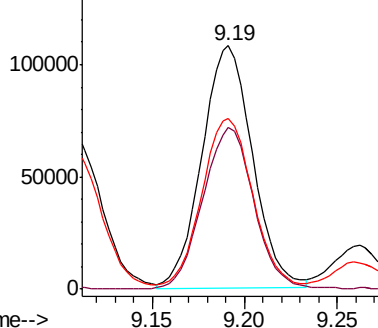
39 70.9 57.3 85.9

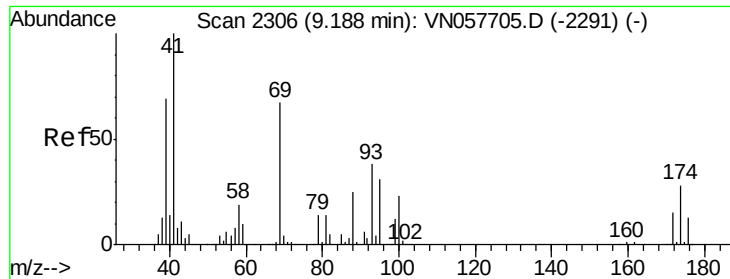


Abundance Ion 41.00 (40.70 to 41.70): VN057741.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057741.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057741.D (-2214) (-)





#49

1,4-Dioxane

Concen: 947.036 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

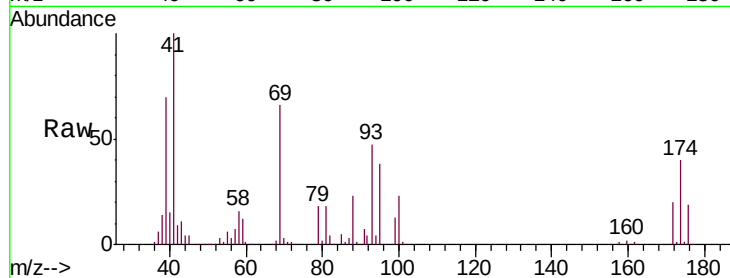
Tgt Ion: 88 Resp: 50697

Ion Ratio Lower Upper

88 100

43 44.5 35.4 53.2

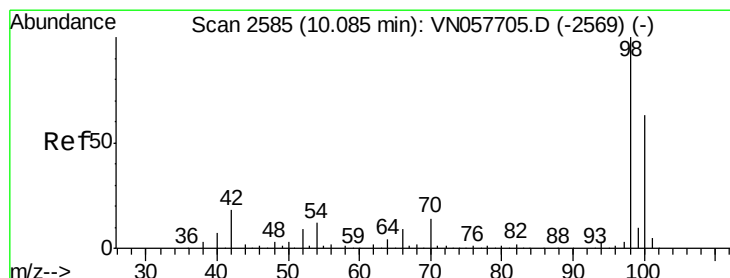
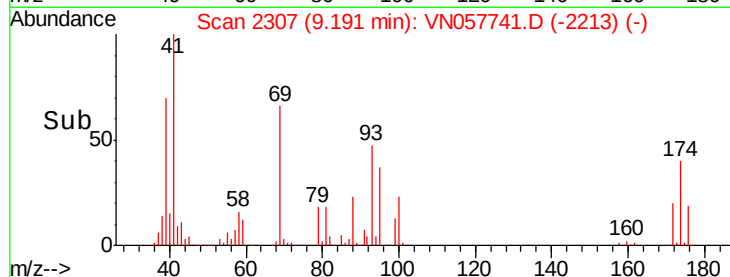
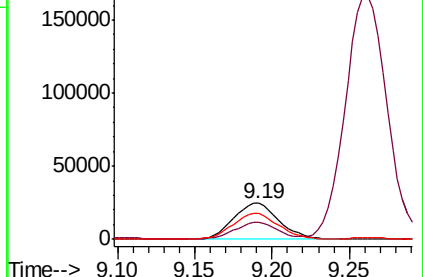
58 72.0 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN057741.D (-2213) (-)

Ion 43.00 (42.70 to 43.70): VN057741.D (-2213) (-)

Ion 58.00 (57.70 to 58.70): VN057741.D (-2213) (-)



#50

Toluene-d8

Concen: 50.638 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057741.D

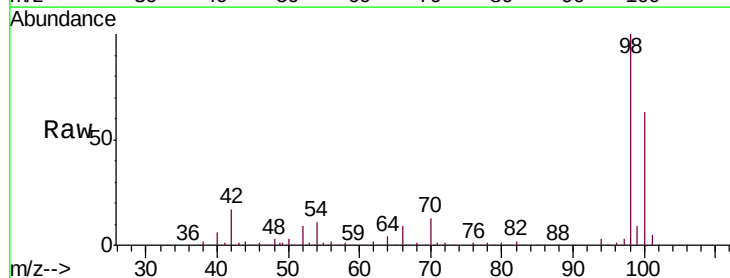
Acq: 7 Sep 2019 10:32

Tgt Ion: 98 Resp: 602112

Ion Ratio Lower Upper

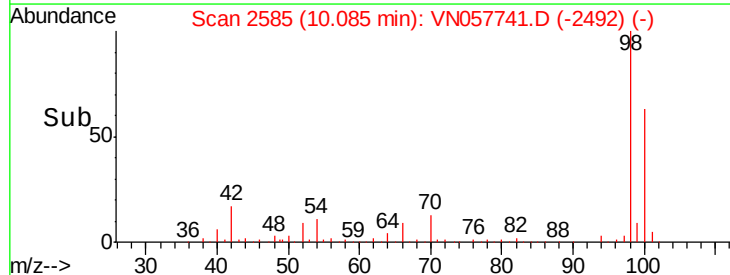
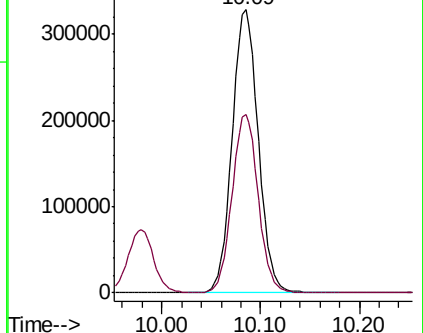
98 100

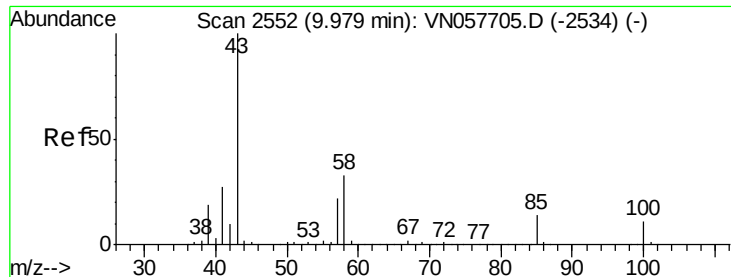
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057741.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057741.D (-2492) (-)

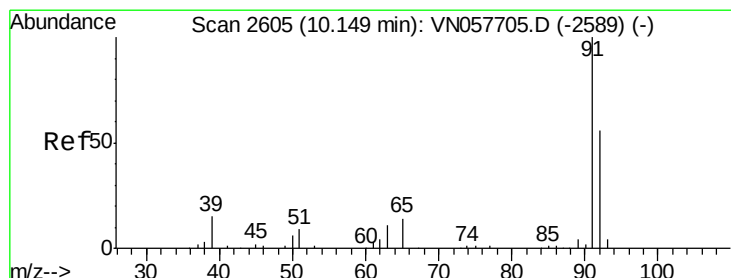
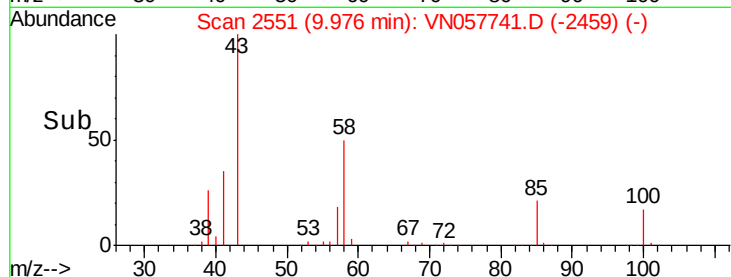
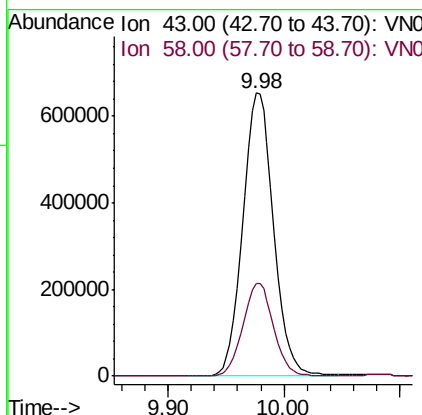
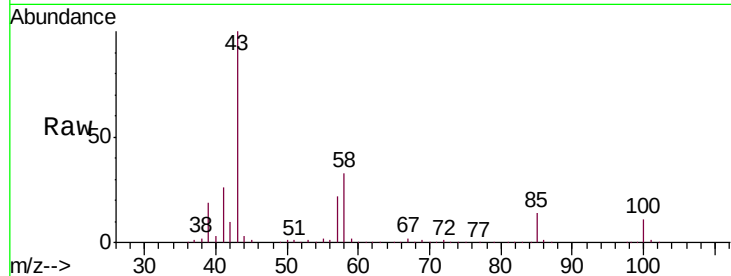




#51
 4-Methyl-2-Pentanone
 Concen: 242.524 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

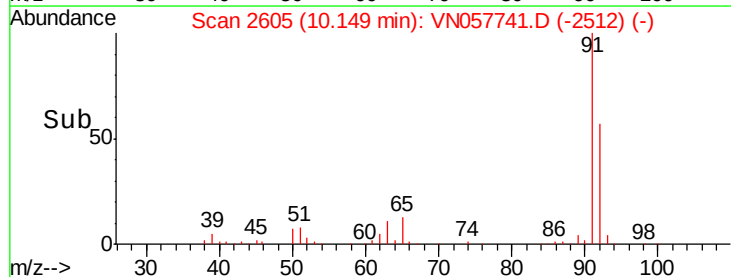
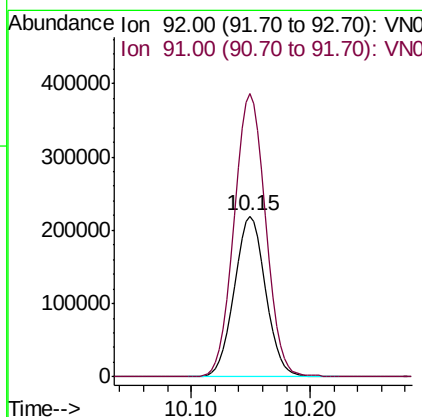
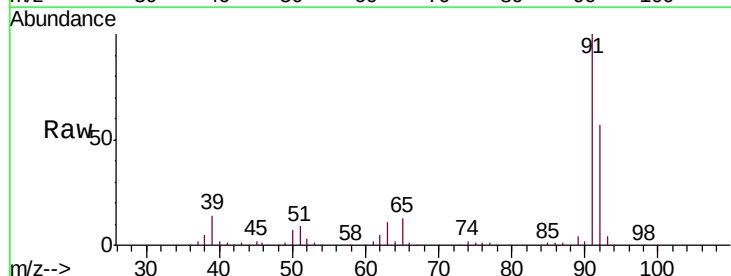
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

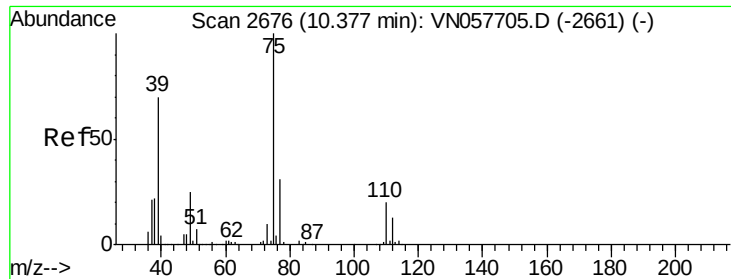
Tgt Ion: 43 Resp: 1204917
 Ion Ratio Lower Upper
 43 100
 58 32.7 25.8 38.8



#52
 Toluene
 Concen: 49.721 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 92 Resp: 400165
 Ion Ratio Lower Upper
 92 100
 91 177.5 141.5 212.3





#53

t-1,3-Dichloropropene

Concen: 49.746 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

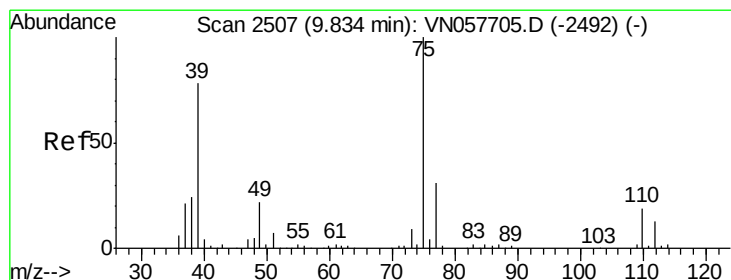
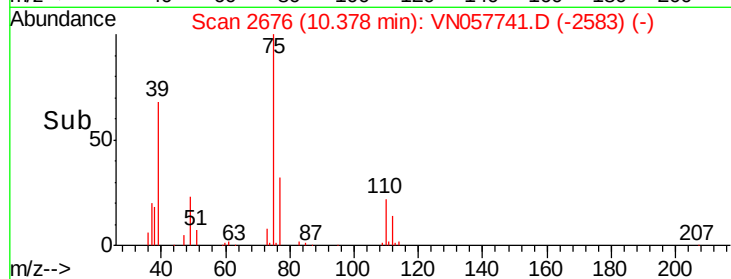
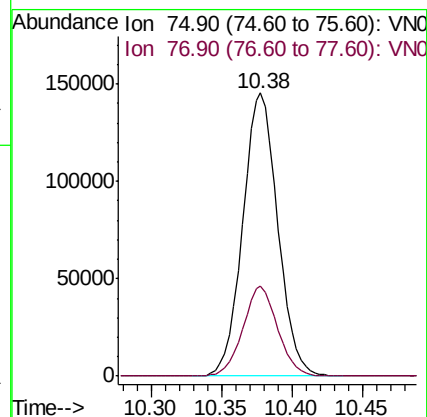
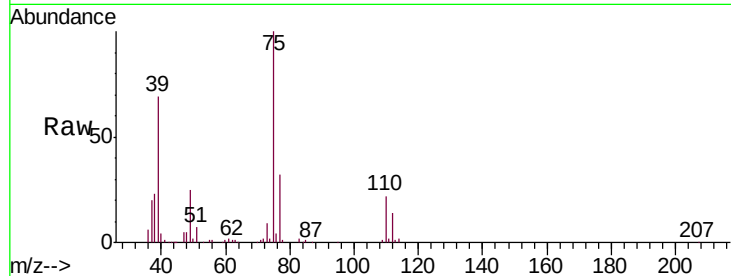
VSTDCCC050

Tgt Ion: 75 Resp: 252670

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.203 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

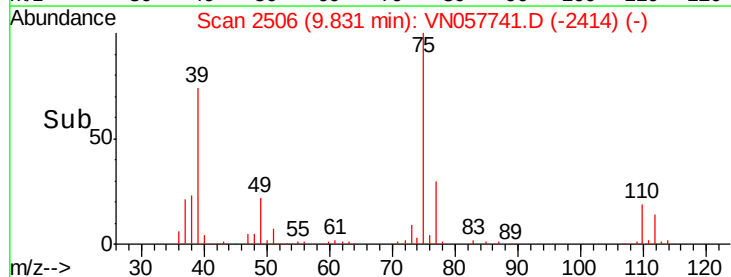
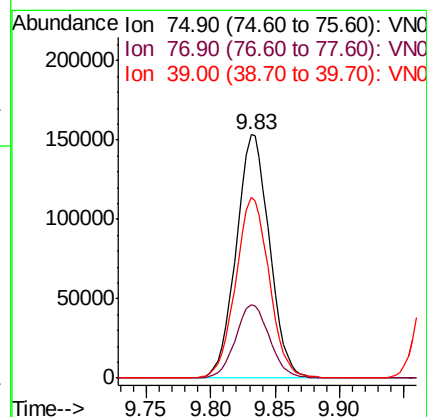
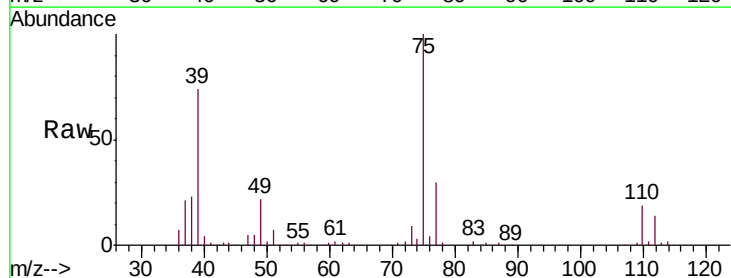
Tgt Ion: 75 Resp: 275497

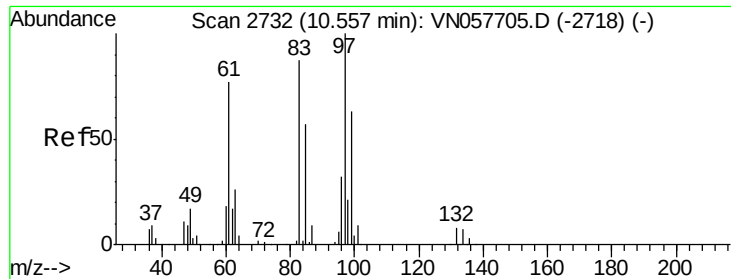
Ion Ratio Lower Upper

75 100

77 30.1 25.1 37.7

39 73.8 62.4 93.6

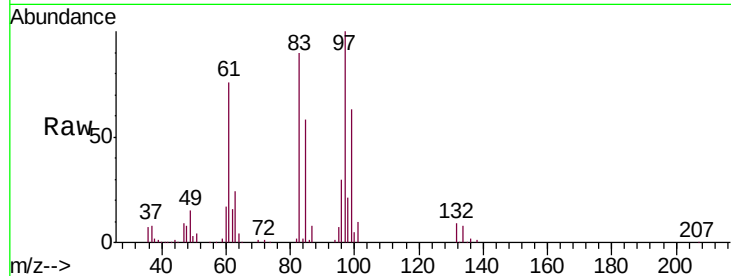




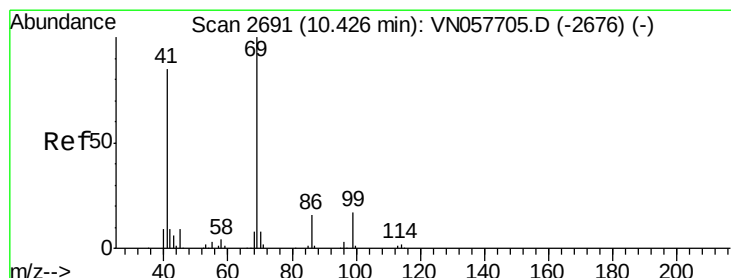
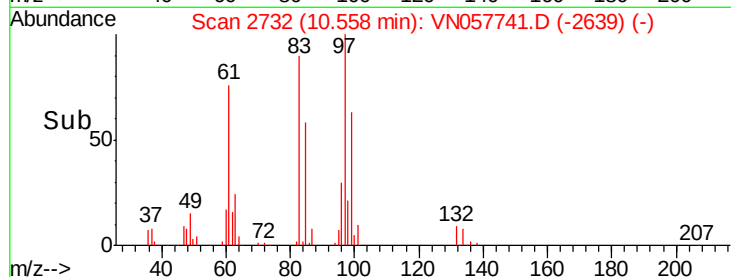
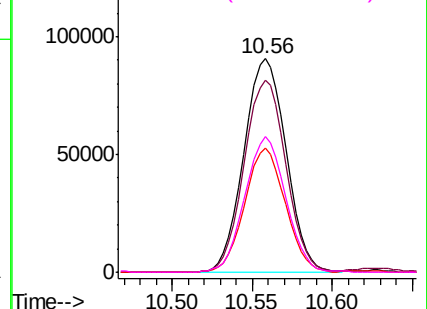
#55
 1,1,2-Trichloroethane
 Concen: 50.587 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tgt Ion: 97 Resp: 163846
 Ion Ratio Lower Upper
 97 100
 83 90.1 69.5 104.3
 85 58.3 45.7 68.5
 99 63.3 50.2 75.4

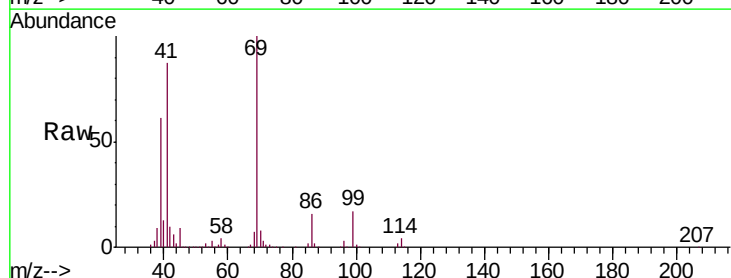


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

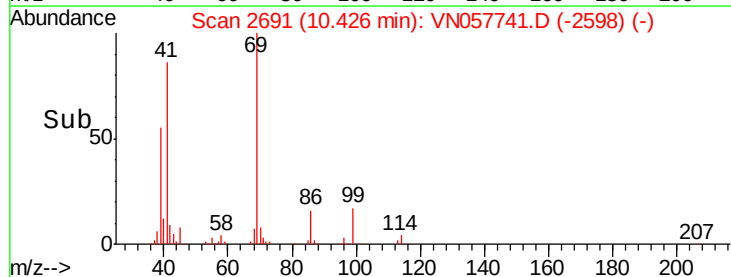
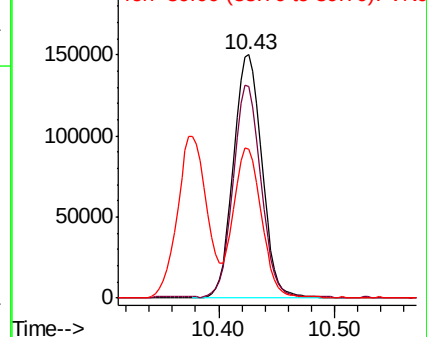


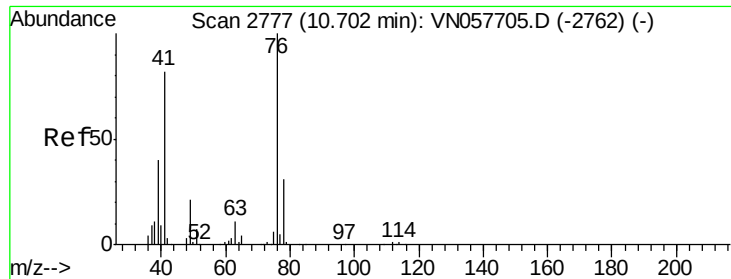
#56
 Ethyl methacrylate
 Concen: 49.205 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 69 Resp: 254371
 Ion Ratio Lower Upper
 69 100
 41 84.4 69.0 103.4
 39 60.6 49.2 73.8



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

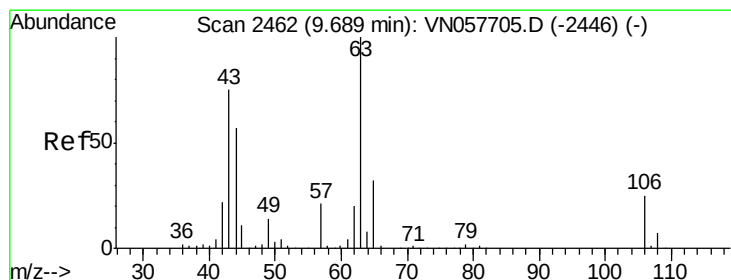
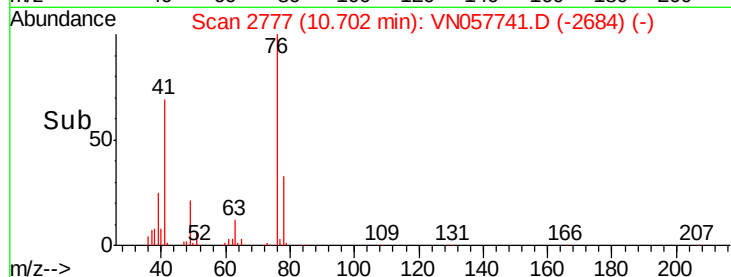
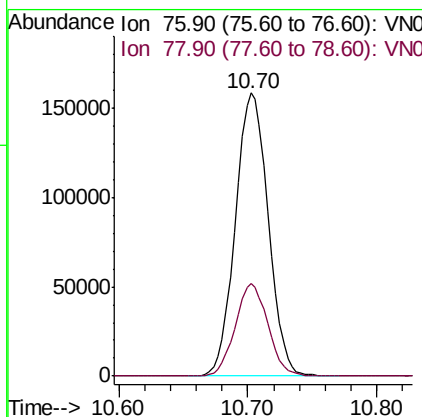
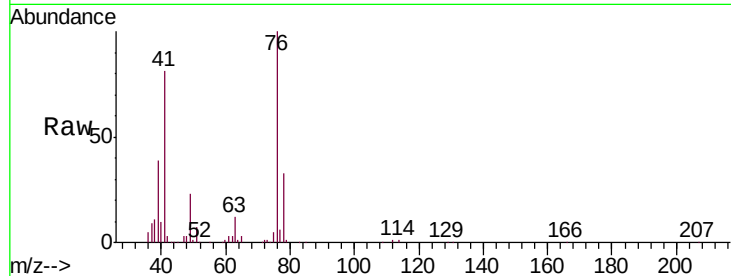




#57
 1,3-Dichloropropane
 Concen: 48.199 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

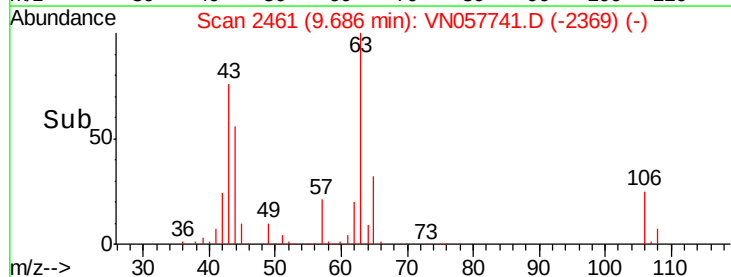
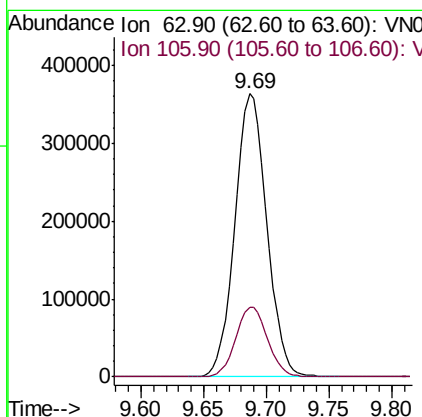
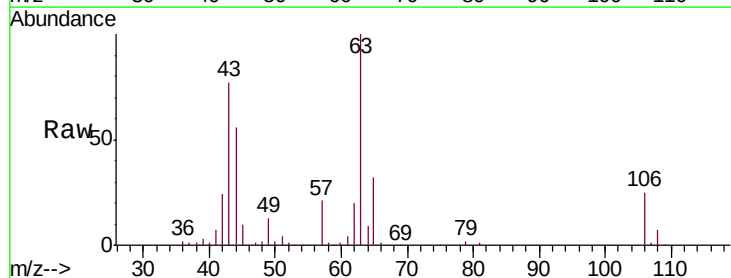
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

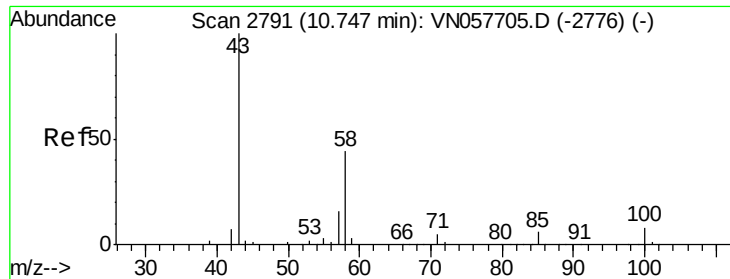
Tgt Ion: 76 Resp: 280422
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.235 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 63 Resp: 643191
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.4 29.2

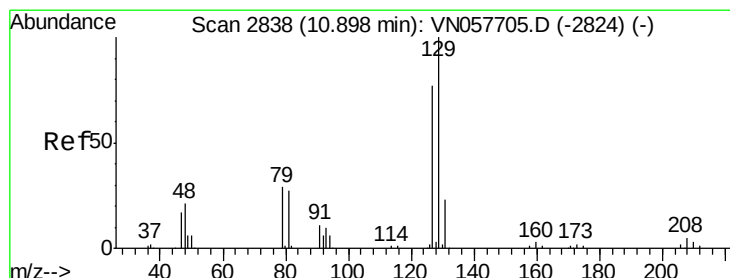
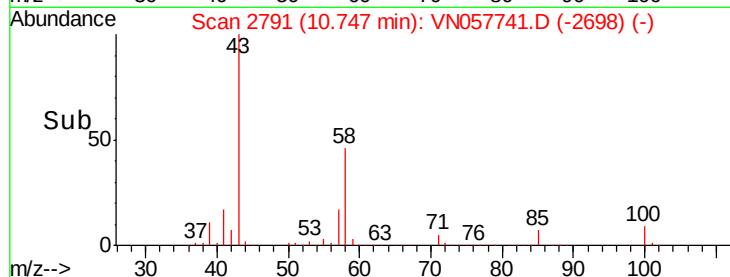
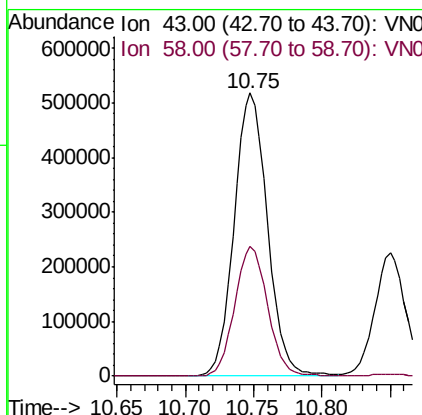
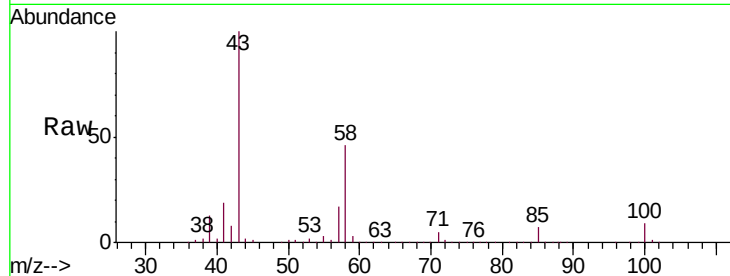




#59
2-Hexanone
Concen: 250.185 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

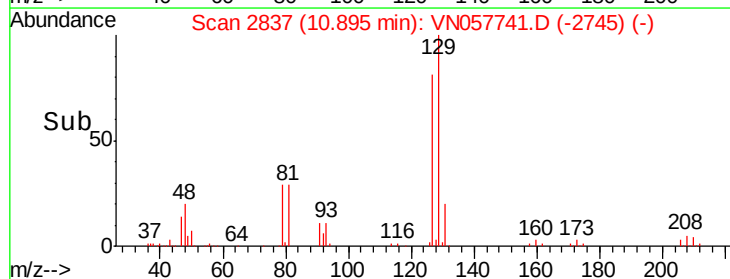
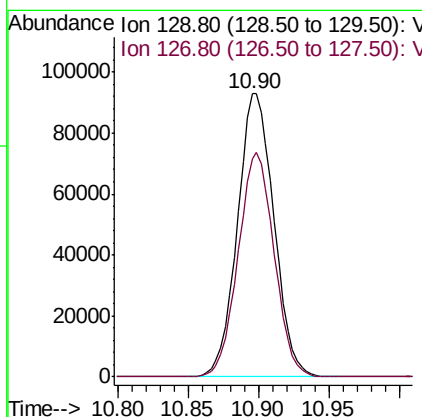
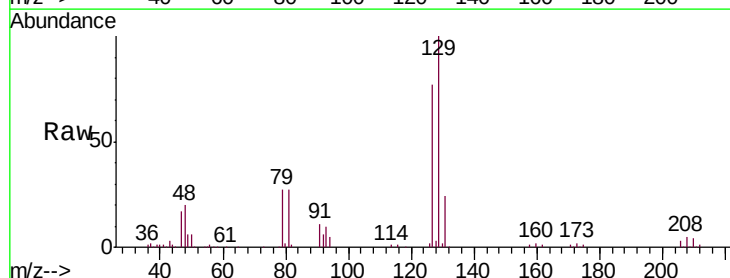
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

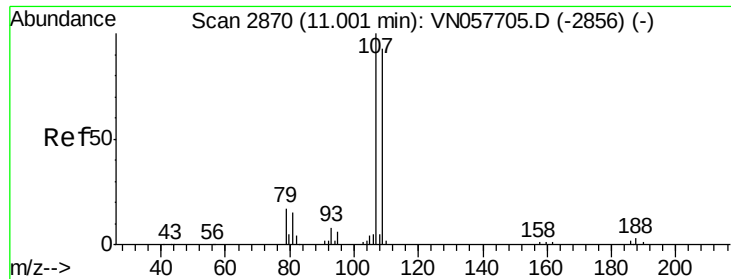
Tgt Ion: 43 Resp: 876497
Ion Ratio Lower Upper
43 100
58 45.5 22.1 66.5



#60
Dibromochloromethane
Concen: 48.331 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 129 Resp: 168572
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.916 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

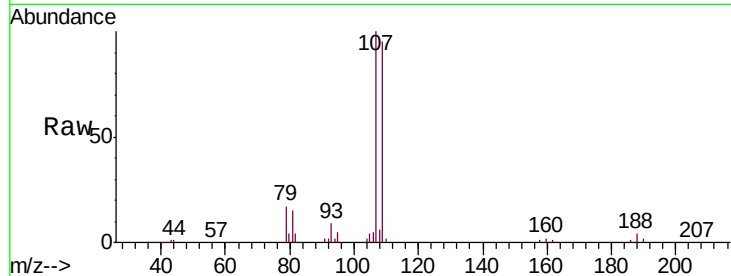
VSTDCCC050

Tgt Ion: 107 Resp: 161425

Ion Ratio Lower Upper

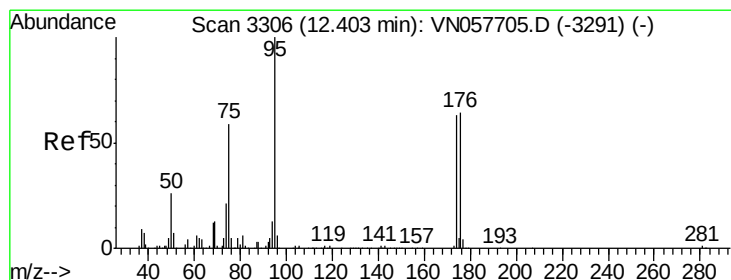
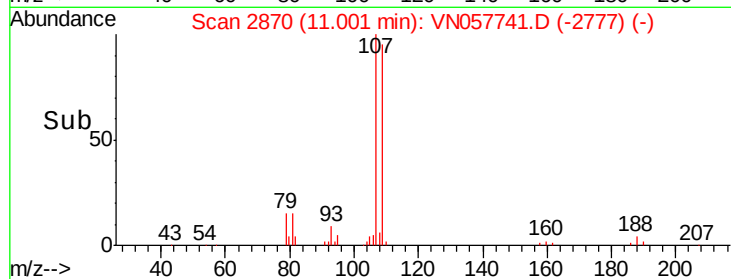
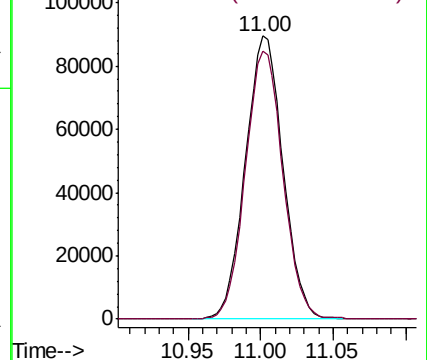
107 100

109 94.6 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

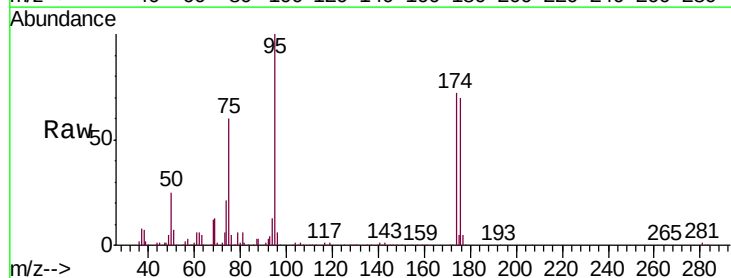
Tgt Ion: 95 Resp: 242056

Ion Ratio Lower Upper

95 100

174 72.3 0.0 128.0

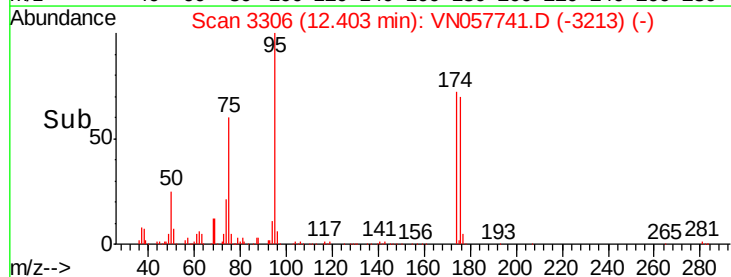
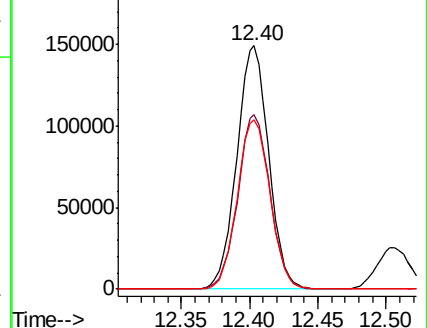
176 71.5 0.0 128.0

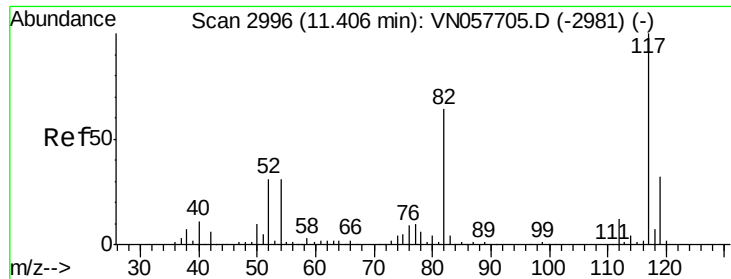


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

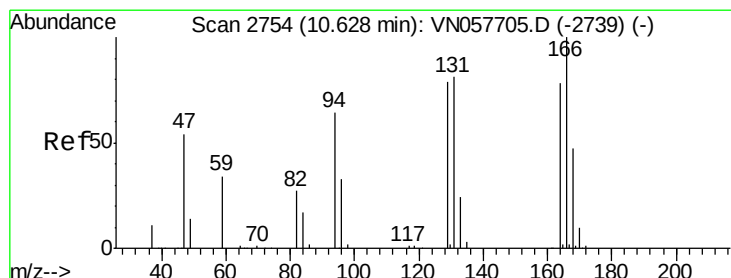
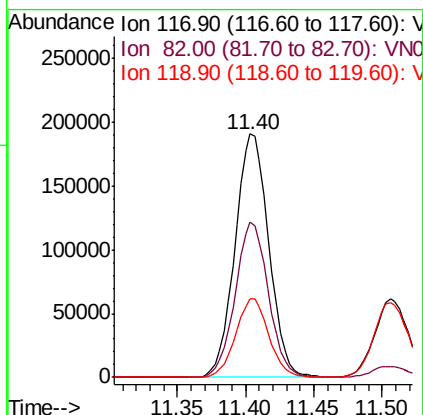
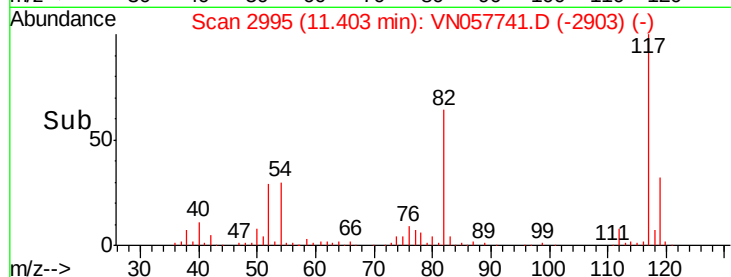
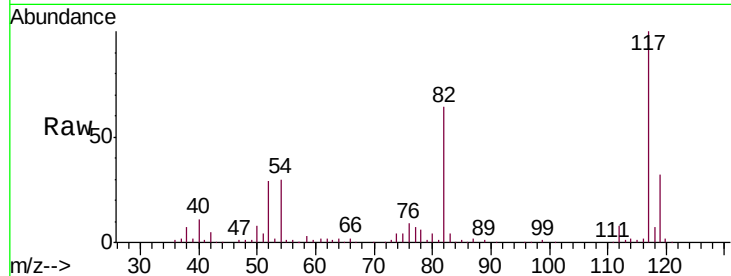




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

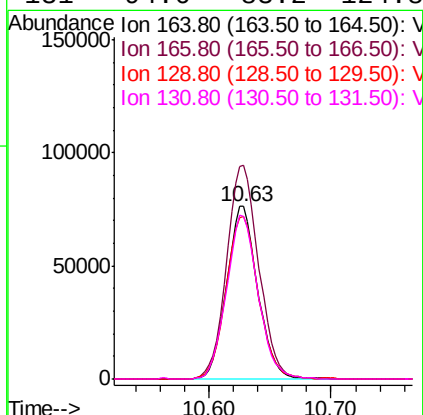
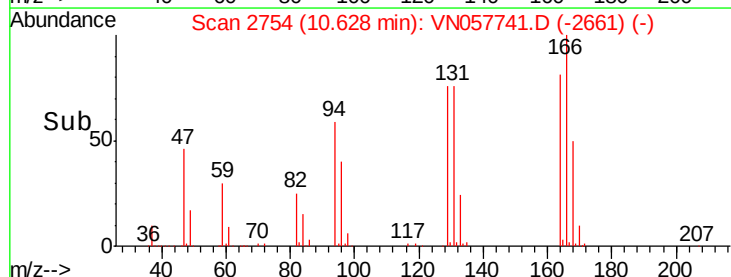
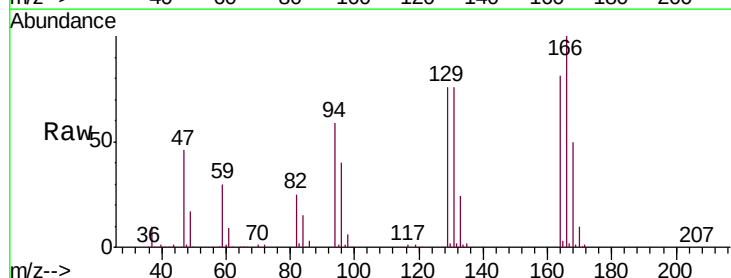
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

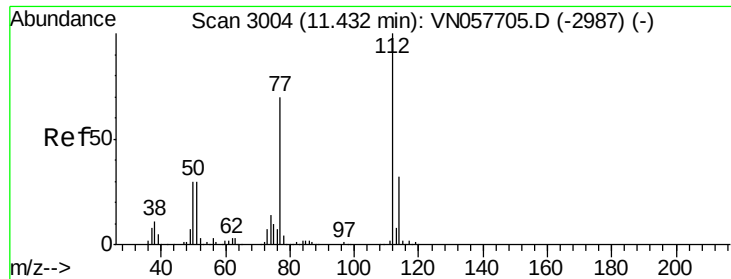
Tgt Ion:117 Resp: 327762
Ion Ratio Lower Upper
117 100
82 63.5 51.4 77.0
119 32.0 25.4 38.2



#64
Tetrachloroethene
Concen: 53.079 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion:164 Resp: 135634
Ion Ratio Lower Upper
164 100
166 123.8 103.0 154.6
129 94.1 81.1 121.7
131 94.6 83.2 124.8

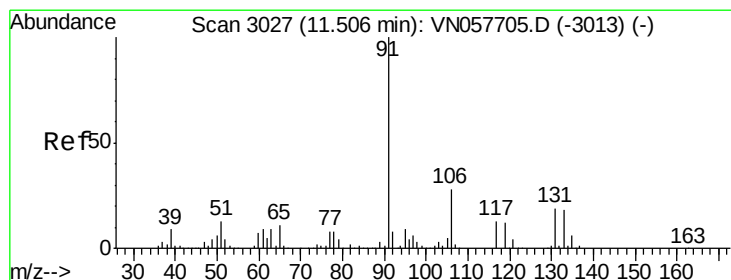
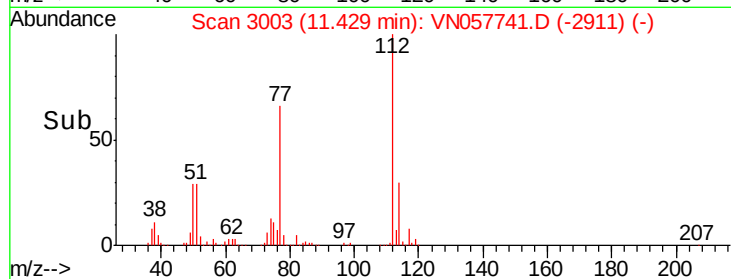
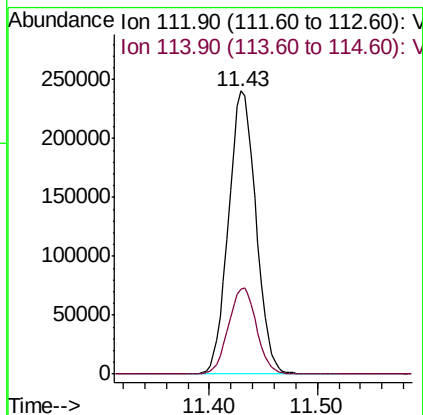
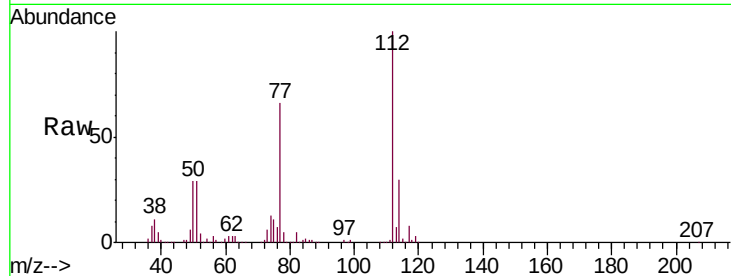




#65
Chlorobenzene
Concen: 49.883 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

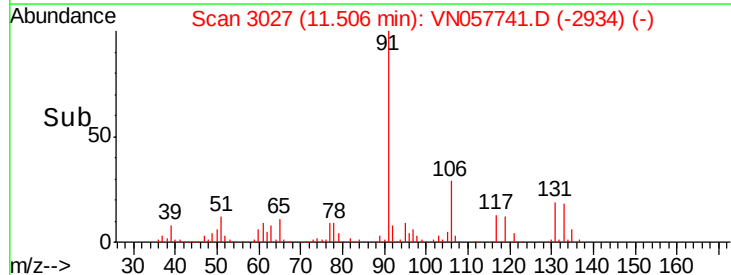
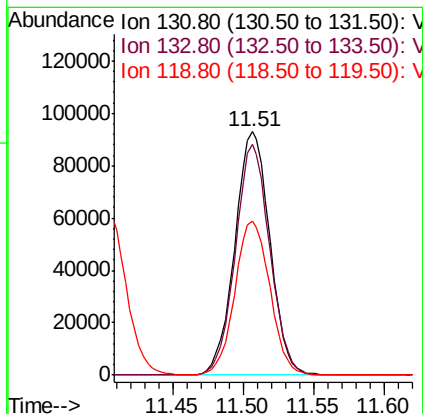
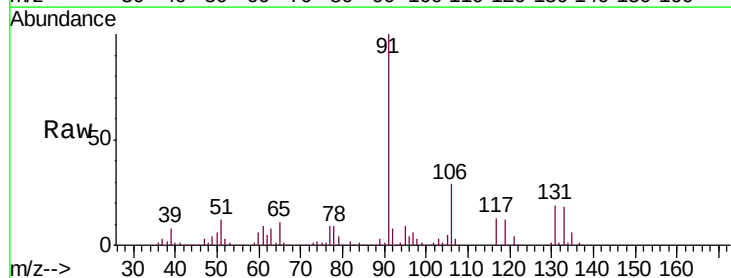
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

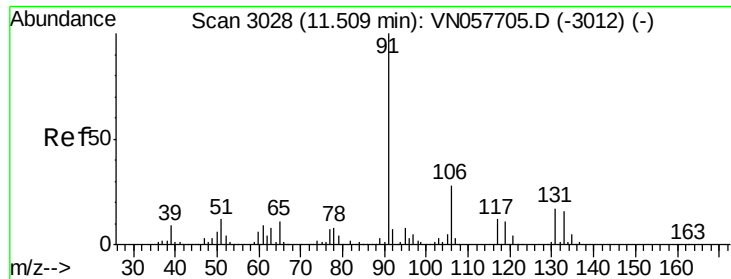
Tgt Ion:112 Resp: 426500
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.412 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion:131 Resp: 161876
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 63.4 32.8 98.3

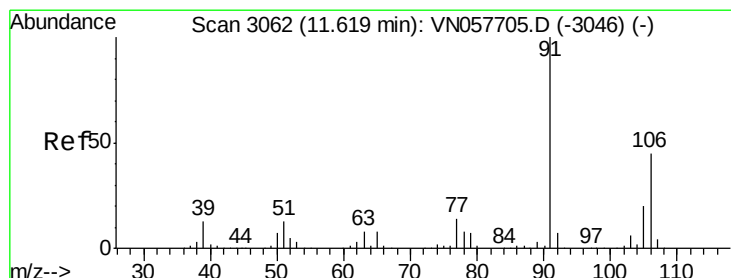
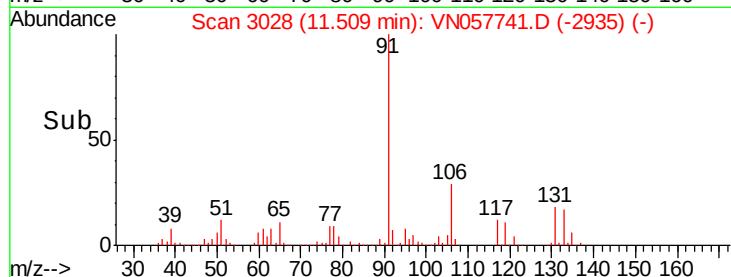
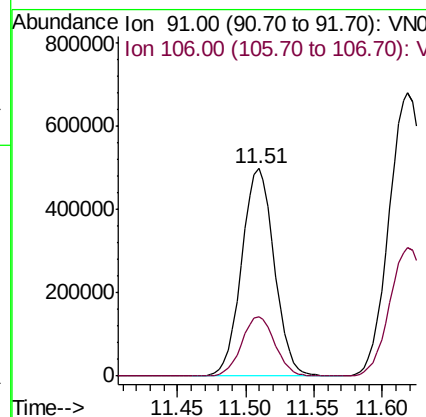
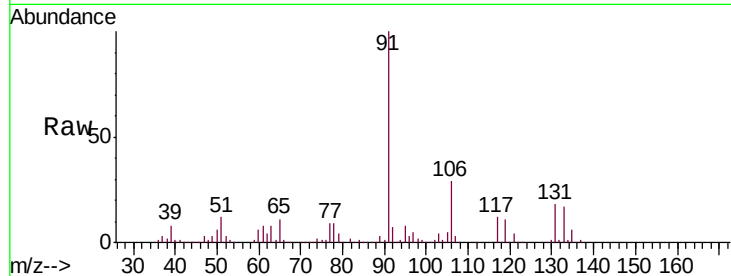




#67
Ethyl Benzene
Concen: 50.288 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

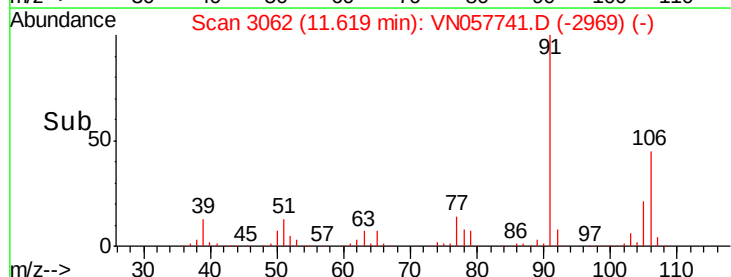
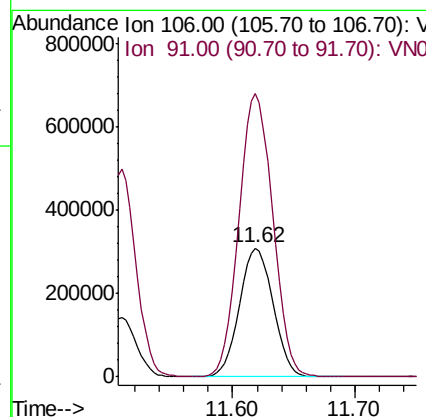
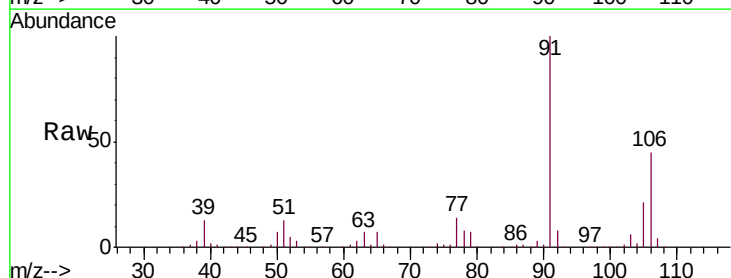
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

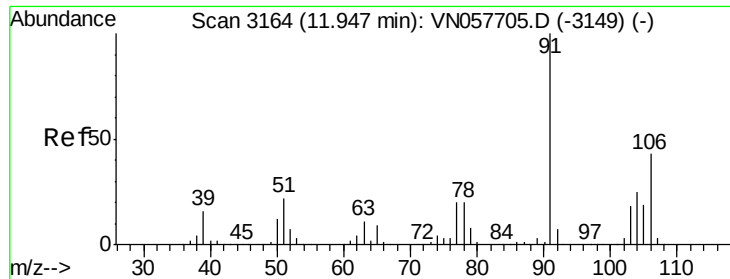
Tgt Ion: 91 Resp: 829566
Ion Ratio Lower Upper
91 100
106 28.6 22.8 34.2



#68
m/p-Xylenes
Concen: 104.169 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 106 Resp: 591868
Ion Ratio Lower Upper
106 100
91 220.9 179.8 269.8

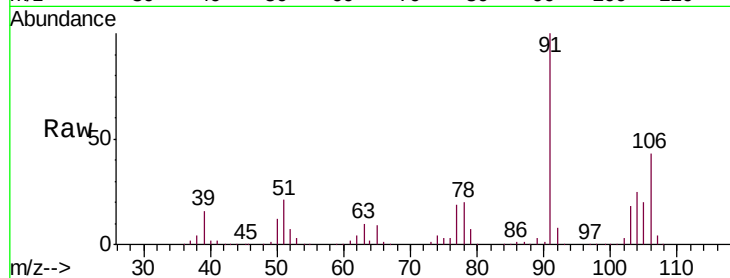




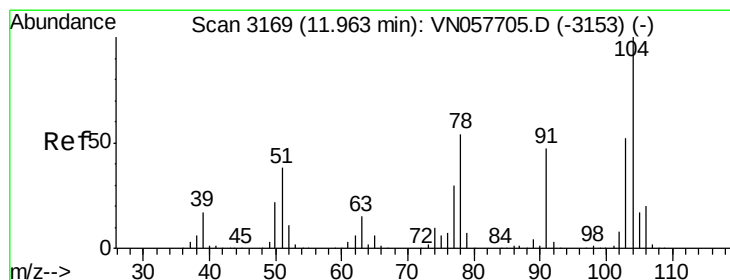
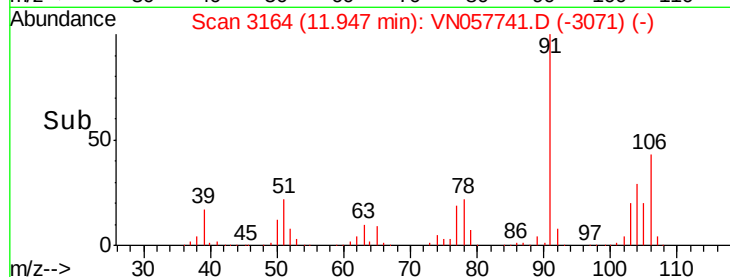
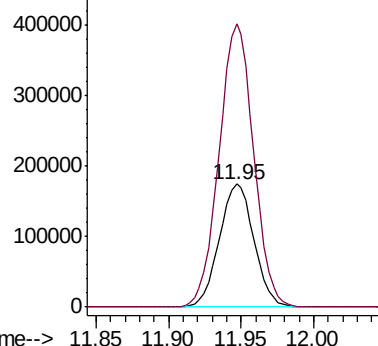
#69
o-Xylene
Concen: 51.482 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 289644
Ion Ratio Lower Upper
106 100
91 230.0 116.8 350.4

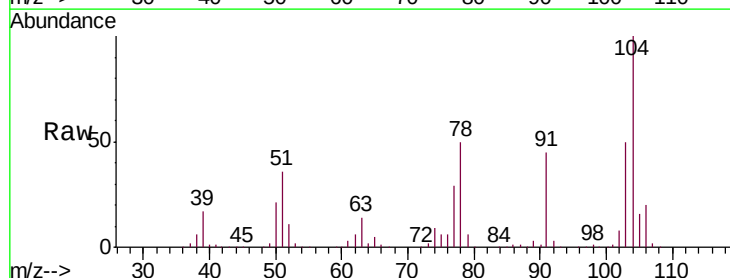


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

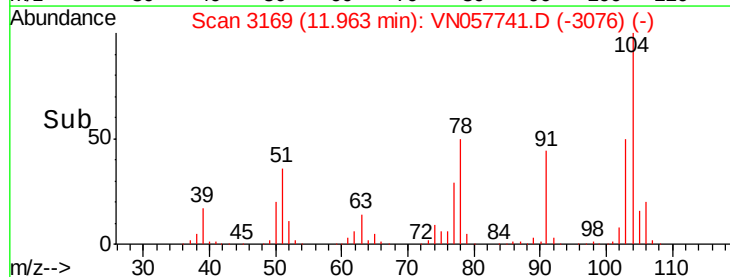
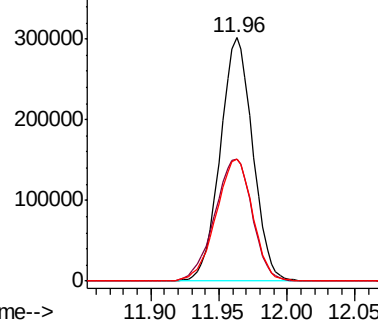


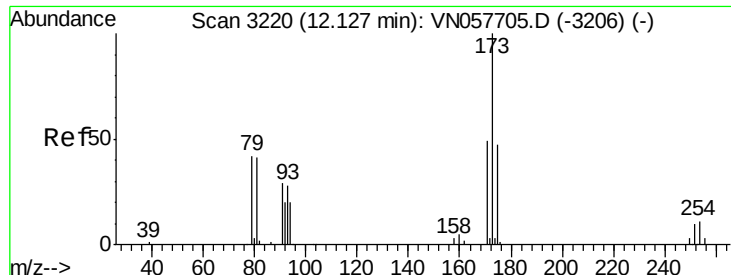
#70
Styrene
Concen: 51.419 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion:104 Resp: 500552
Ion Ratio Lower Upper
104 100
78 58.0 48.5 72.7
103 56.0 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.604 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

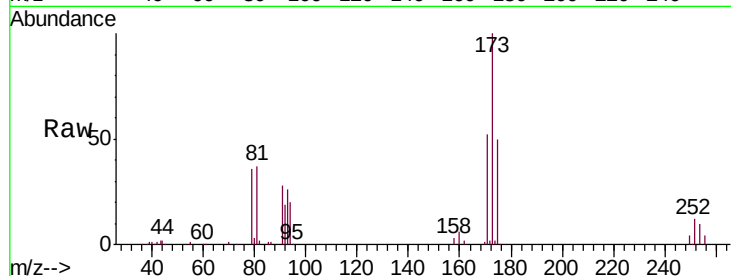
Tgt Ion:173 Resp: 110210

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

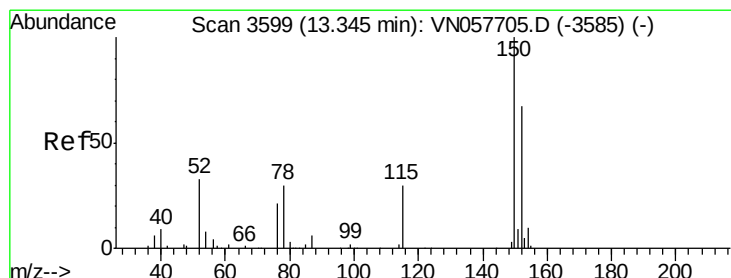
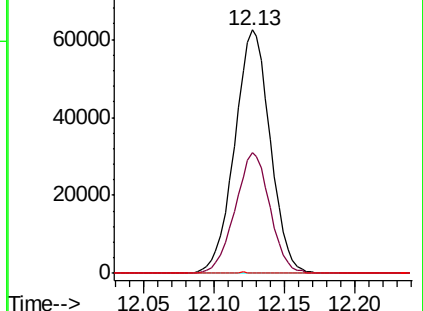
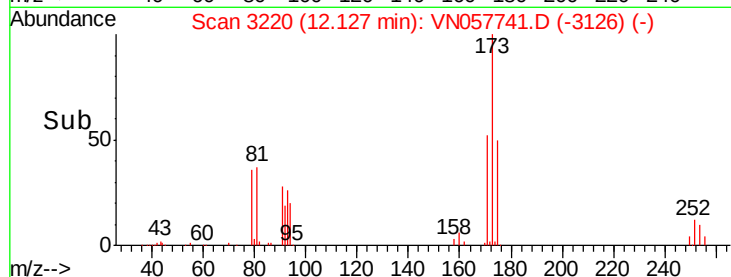
254 0.1 0.0 0.0#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

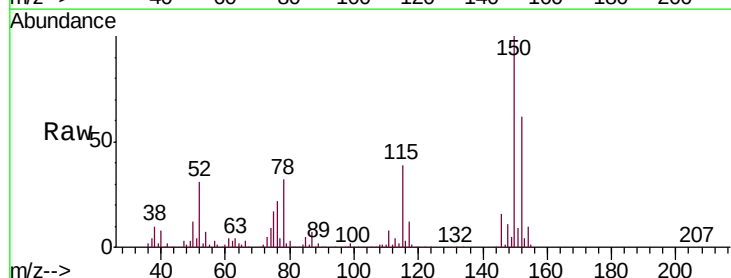
Tgt Ion:152 Resp: 195704

Ion Ratio Lower Upper

152 100

115 62.7 33.8 101.3

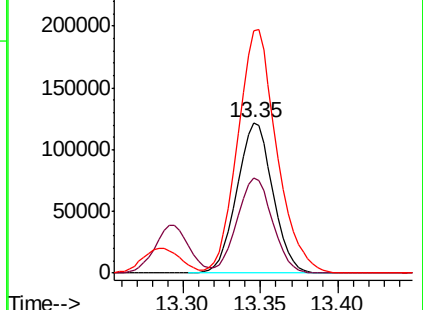
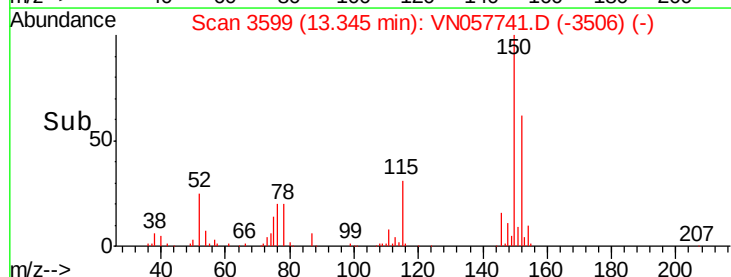
150 176.5 0.0 345.4

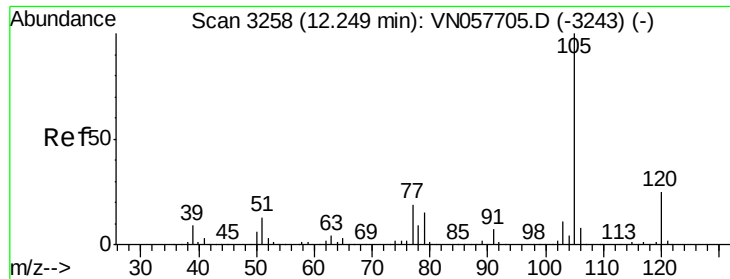


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.697 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

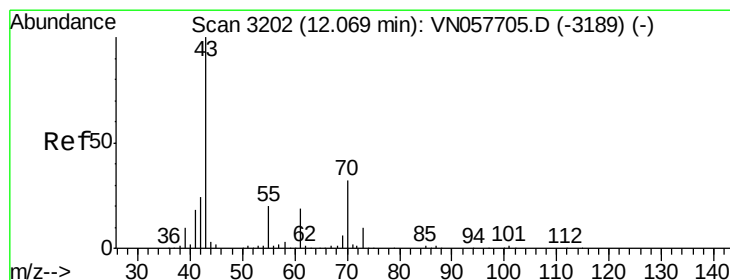
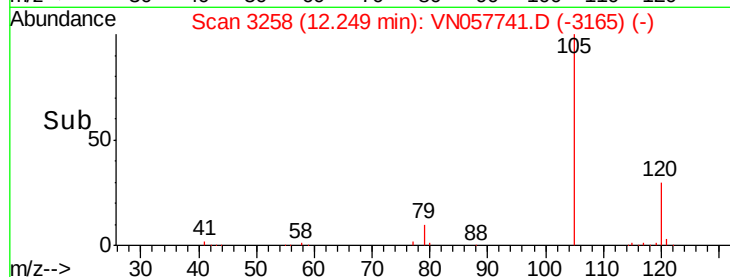
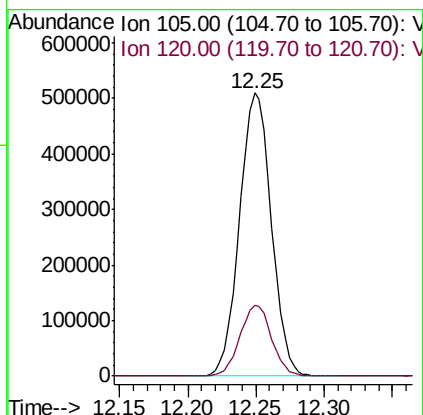
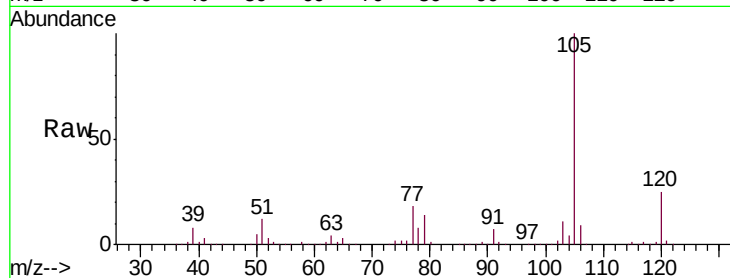
VSTDCCC050

Tgt Ion: 105 Resp: 825262

Ion Ratio Lower Upper

105 100

120 24.9 12.2 36.6



#74

N-ethyl acetate

Concen: 43.819 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Tgt Ion: 43 Resp: 378728

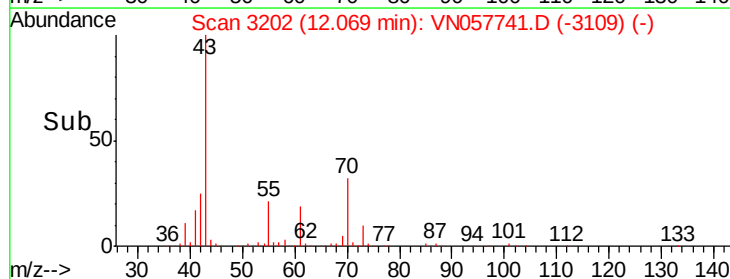
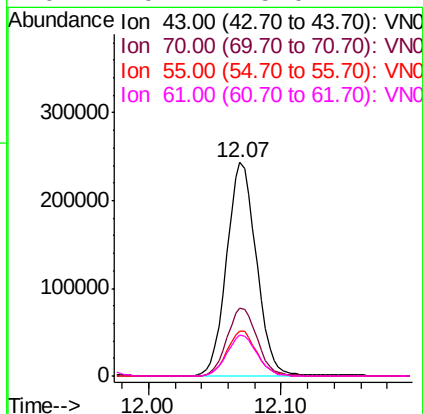
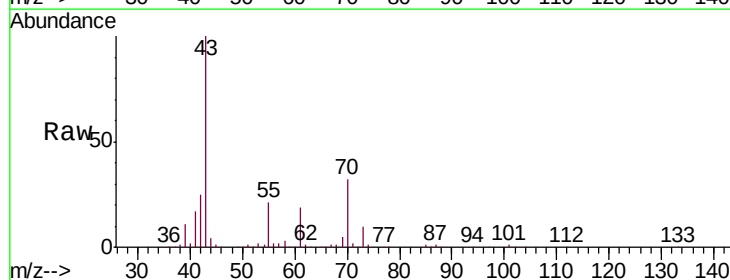
Ion Ratio Lower Upper

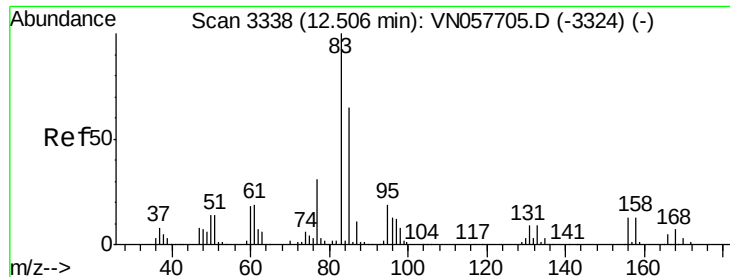
43 100

70 32.3 26.1 39.1

55 21.3 16.3 24.5

61 19.4 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.686 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

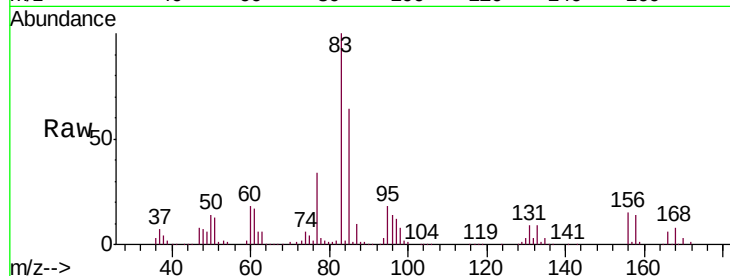
Tgt Ion: 83 Resp: 237028

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.5

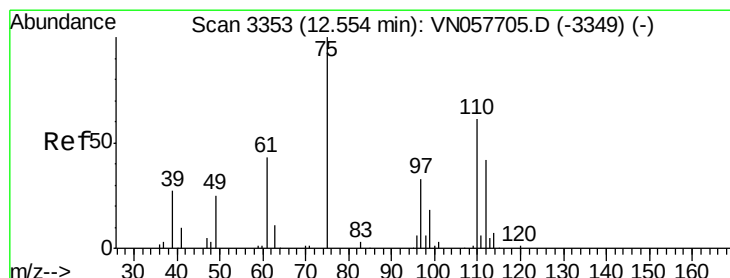
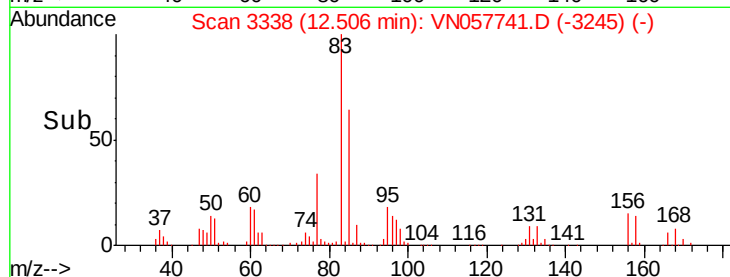
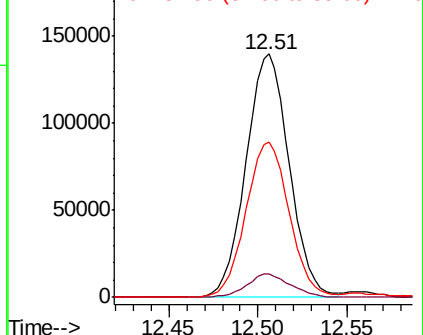
85 63.9 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 66.476 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057741.D

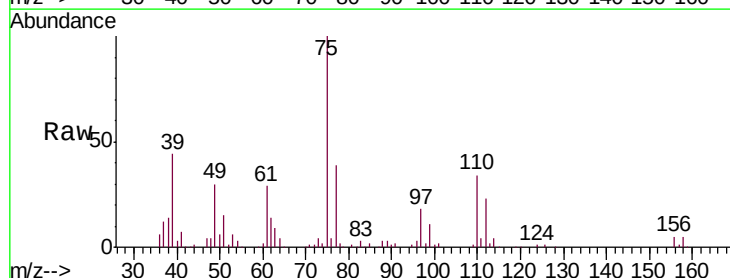
Acq: 7 Sep 2019 10:32

Tgt Ion: 75 Resp: 298751

Ion Ratio Lower Upper

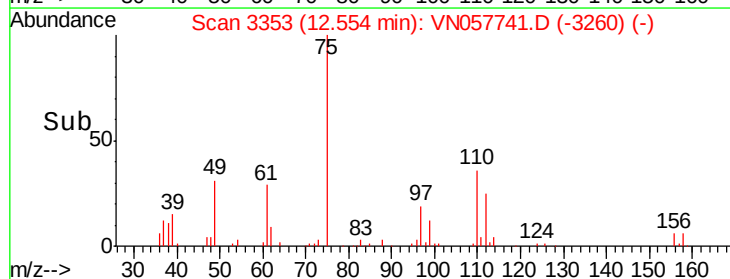
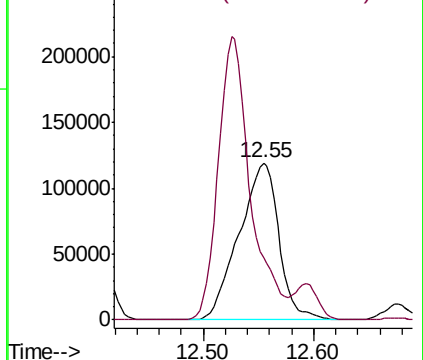
75 100

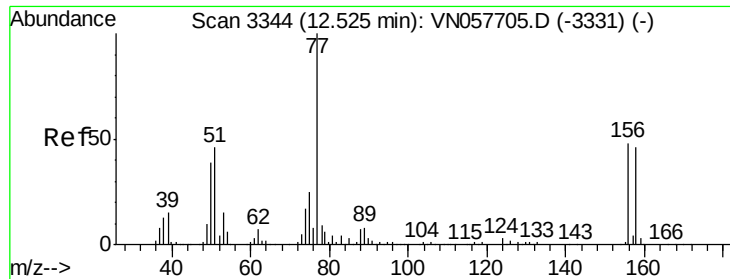
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

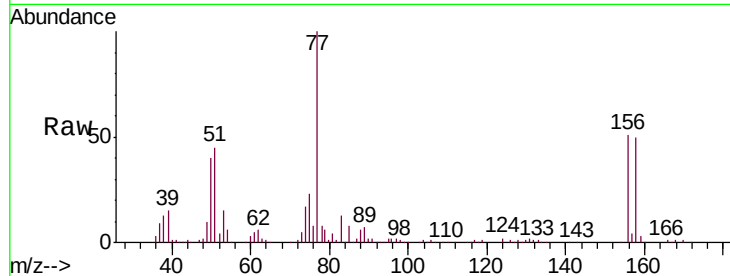




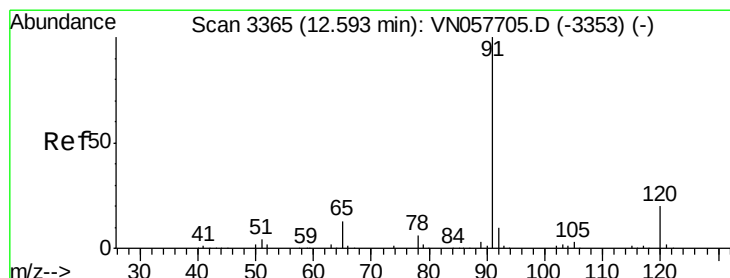
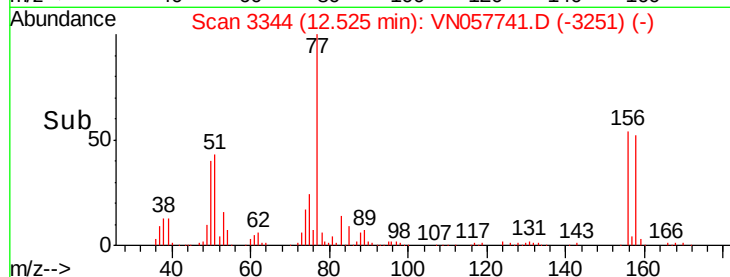
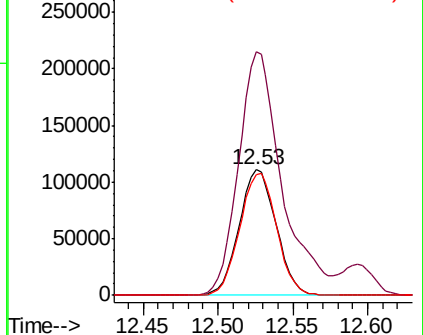
#77
Bromobenzene
Concen: 50.783 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 190888
Ion Ratio Lower Upper
156 100
77 227.8 125.4 376.2
158 96.9 49.3 147.9

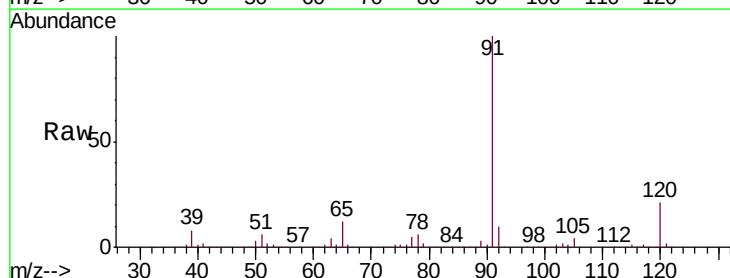


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

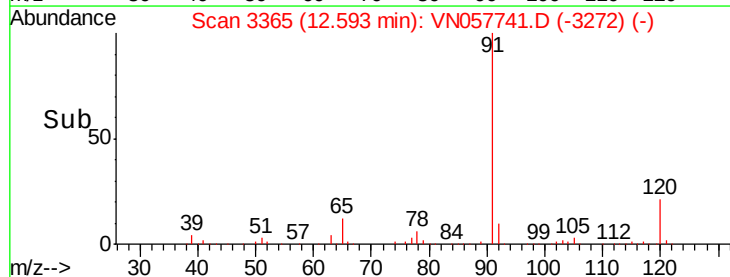
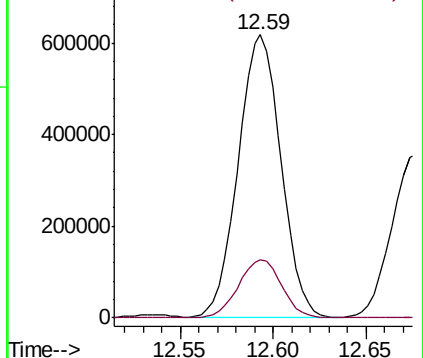


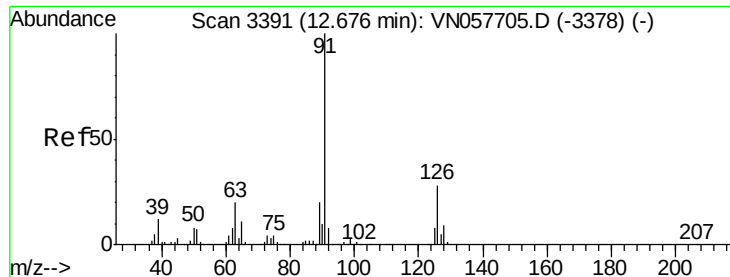
#78
n-propylbenzene
Concen: 47.768 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion: 91 Resp: 981937
Ion Ratio Lower Upper
91 100
120 20.8 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.101 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

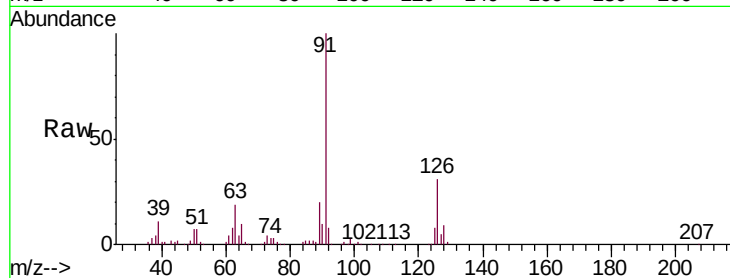
VSTDCCC050

Tgt Ion: 91 Resp: 576918

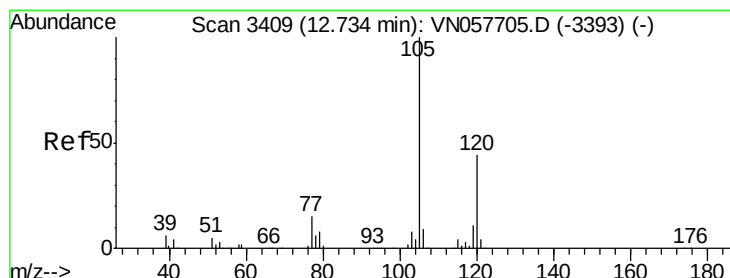
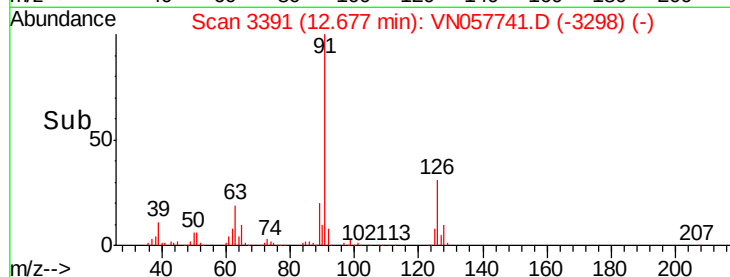
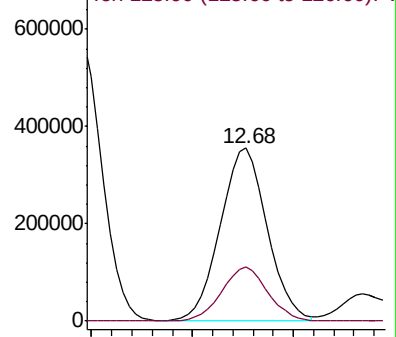
Ion Ratio Lower Upper

91 100

126 31.0 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VN057741.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.134 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057741.D

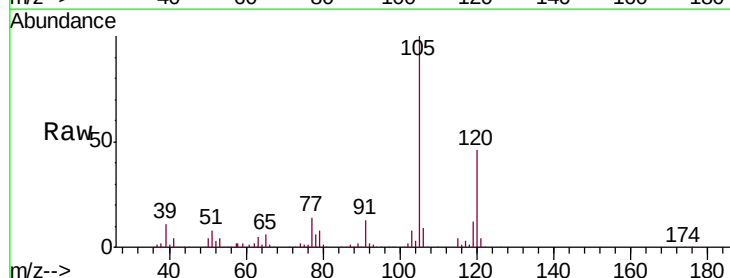
Acq: 7 Sep 2019 10:32

Tgt Ion: 105 Resp: 707454

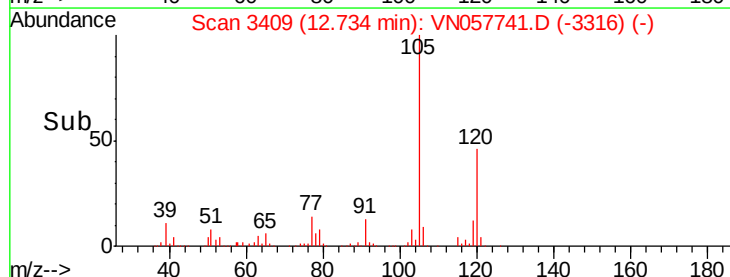
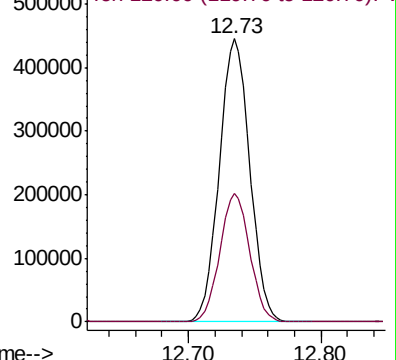
Ion Ratio Lower Upper

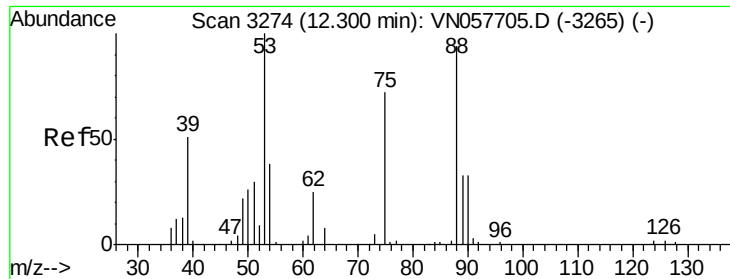
105 100

120 44.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VN057741.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.813 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

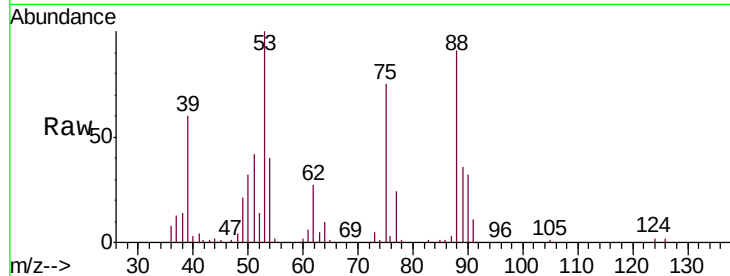
Tgt Ion: 75 Resp: 63312

Ion Ratio Lower Upper

75 100

53 133.2 107.0 160.6

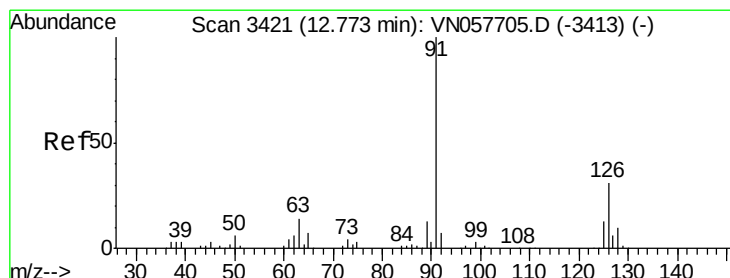
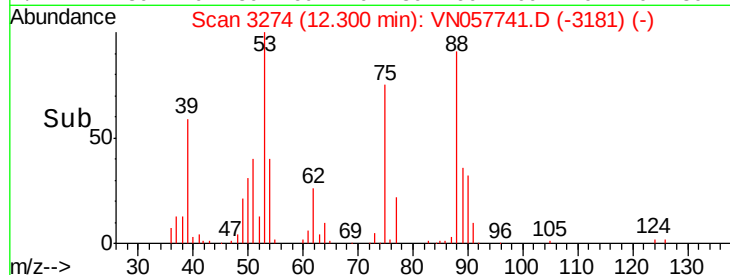
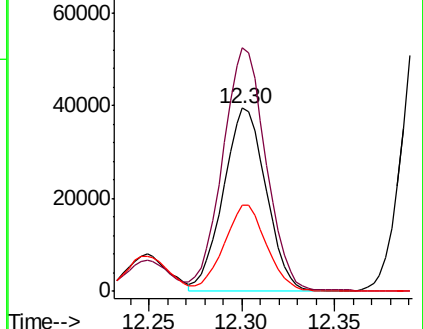
89 46.6 36.5 54.7



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: 46.954 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057741.D

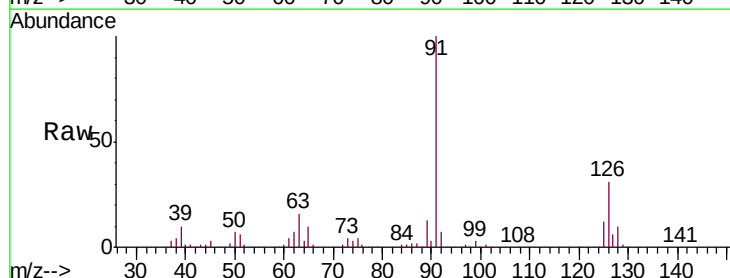
Acq: 7 Sep 2019 10:32

Tgt Ion: 91 Resp: 605154

Ion Ratio Lower Upper

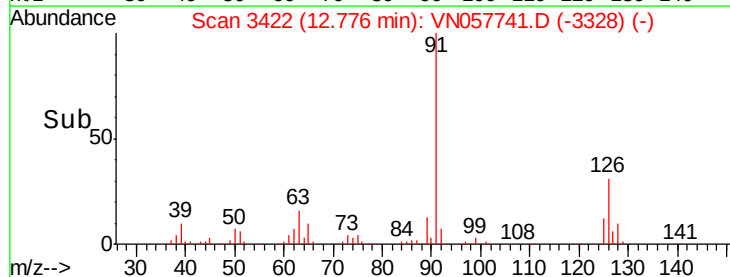
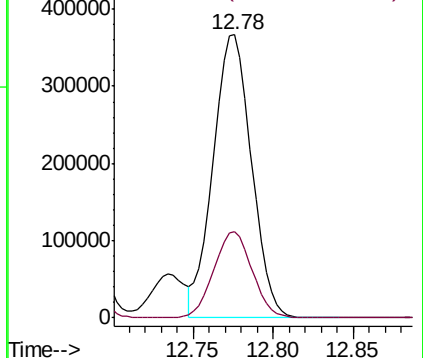
91 100

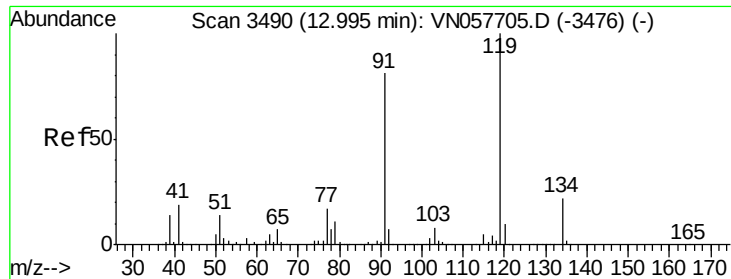
126 30.4 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

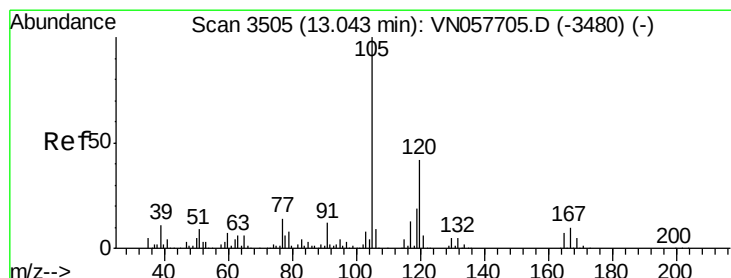
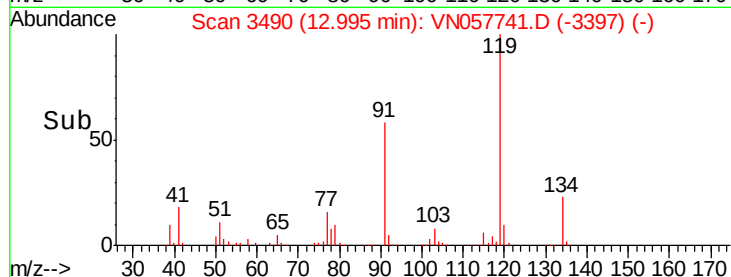
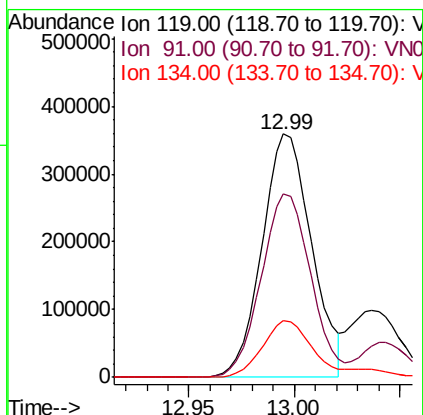
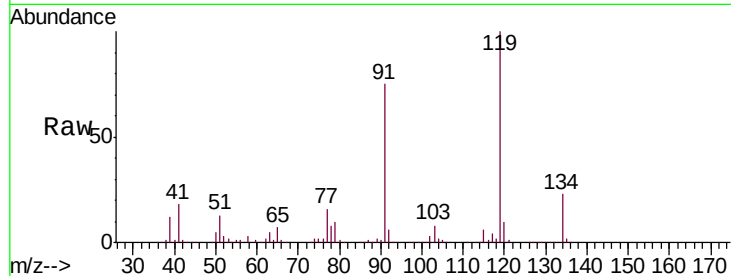




#83
 tert-Butylbenzene
 Concen: 47.364 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

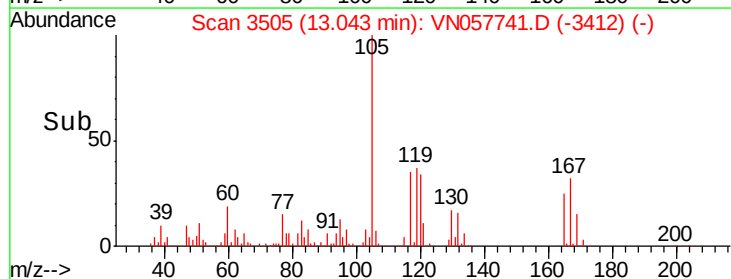
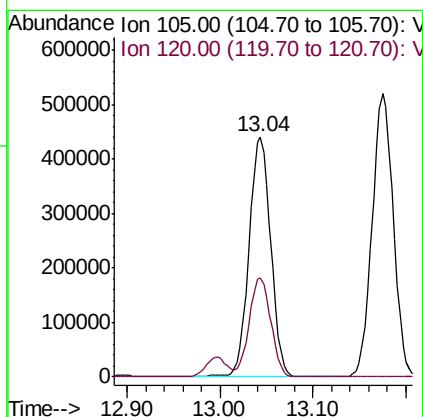
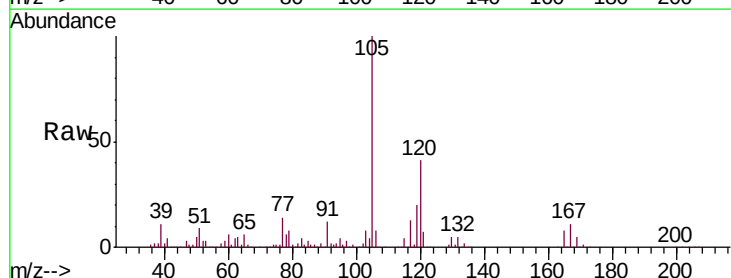
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

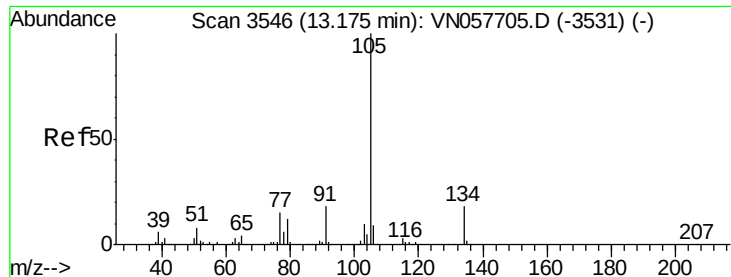
Tgt Ion:119 Resp: 586864
 Ion Ratio Lower Upper
 119 100
 91 75.3 39.6 118.8
 134 23.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.998 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion:105 Resp: 713350
 Ion Ratio Lower Upper
 105 100
 120 41.4 20.8 62.5





#85

sec-Butylbenzene

Concen: 47.986 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

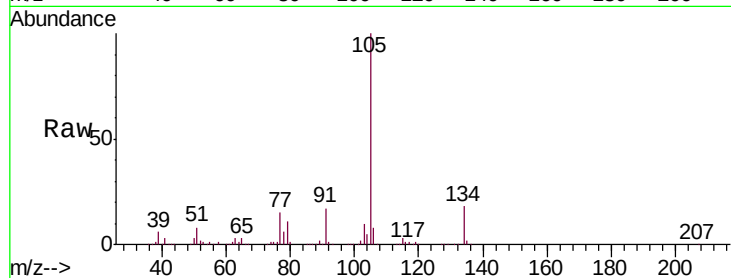
VSTDCCC050

Tgt Ion:105 Resp: 819134

Ion Ratio Lower Upper

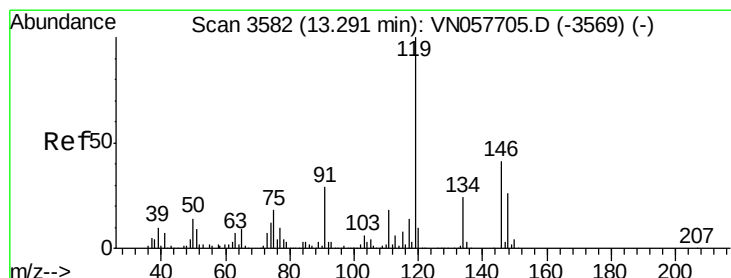
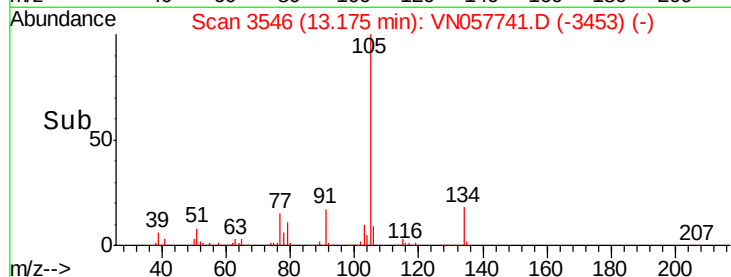
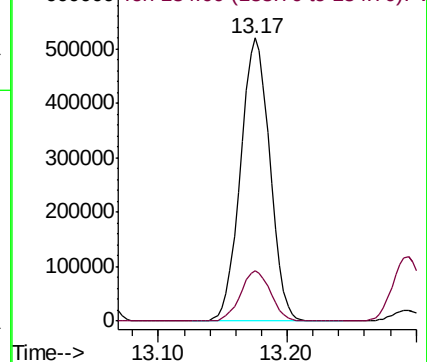
105 100

134 18.3 8.8 26.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.582 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

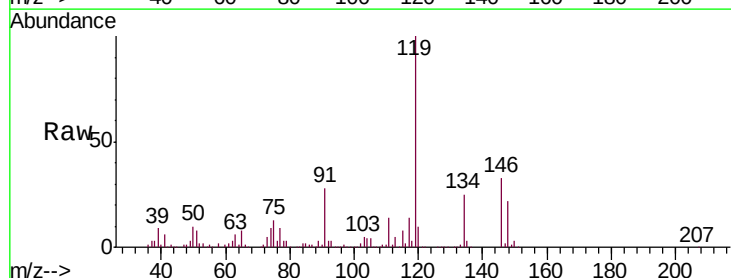
Tgt Ion:119 Resp: 731766

Ion Ratio Lower Upper

119 100

134 25.0 12.4 37.0

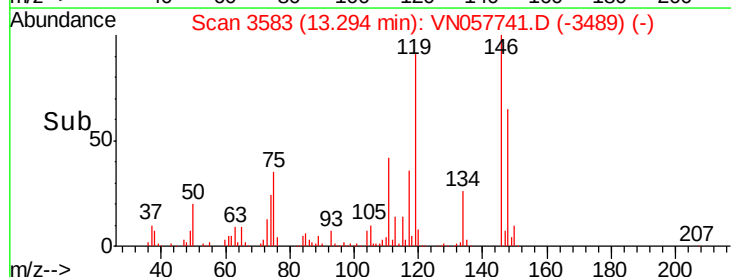
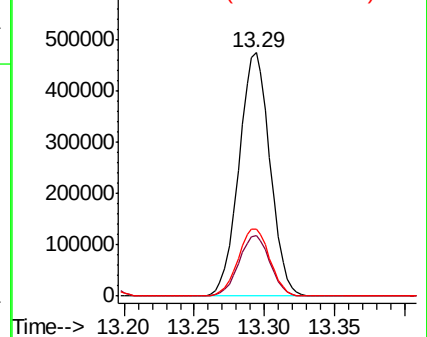
91 28.1 14.8 44.3

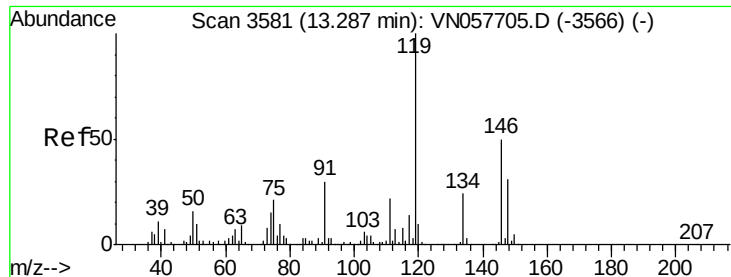


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

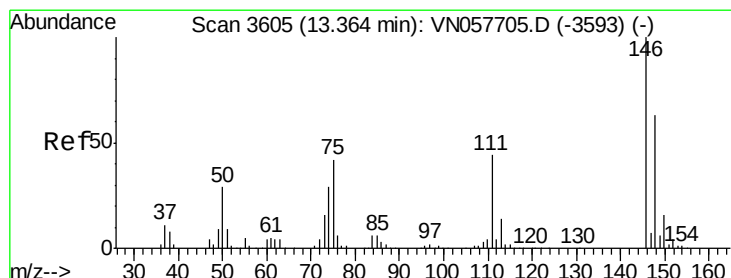
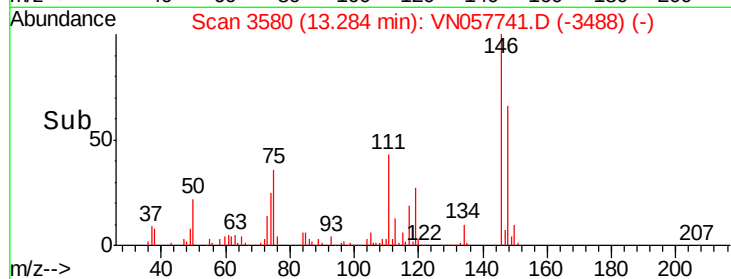
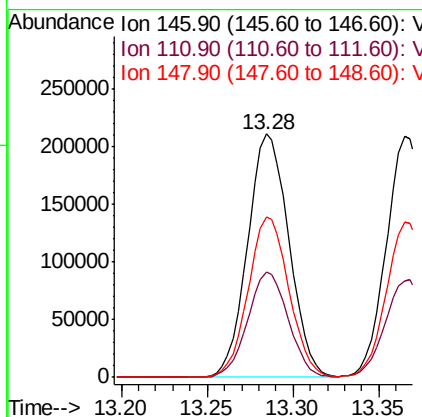
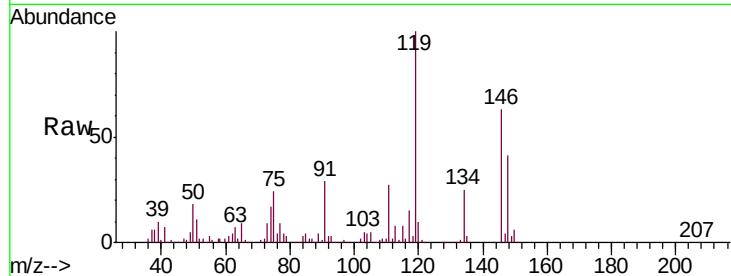




#87
 1,3-Dichlorobenzene
 Concen: 49.927 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

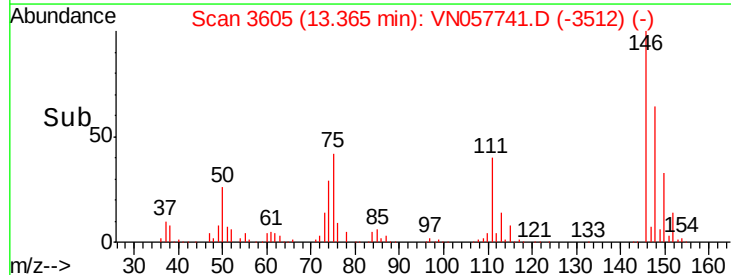
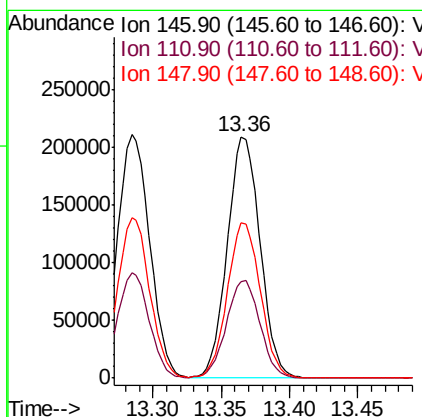
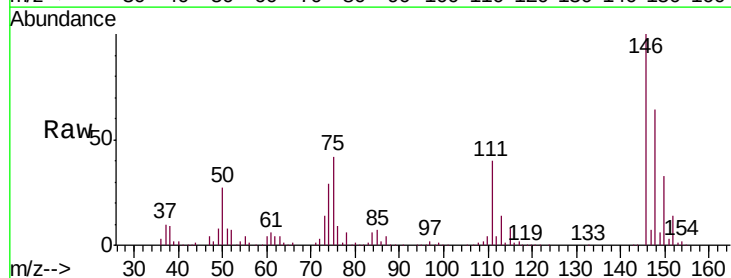
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

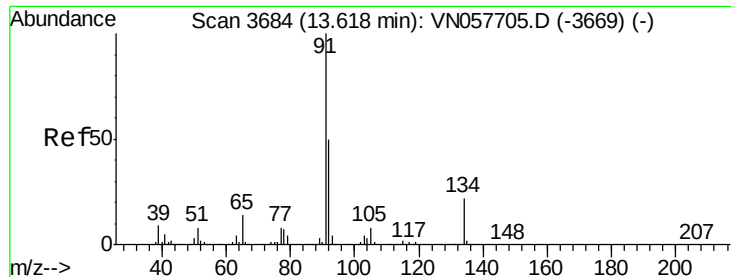
Tgt Ion:146 Resp: 350839
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.3 66.8
 148 64.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.757 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion:146 Resp: 349767
 Ion Ratio Lower Upper
 146 100
 111 41.5 22.3 66.9
 148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 48.338 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057741.D

Acq: 7 Sep 2019 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

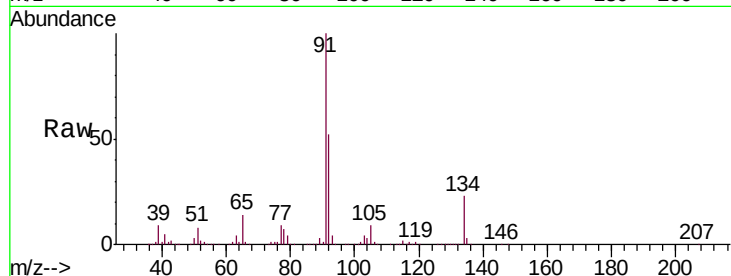
Tgt Ion: 91 Resp: 691577

Ion Ratio Lower Upper

91 100

92 51.6 25.6 76.8

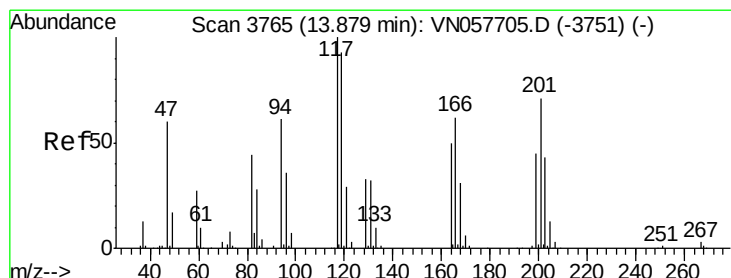
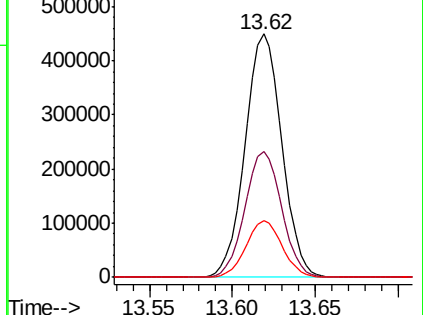
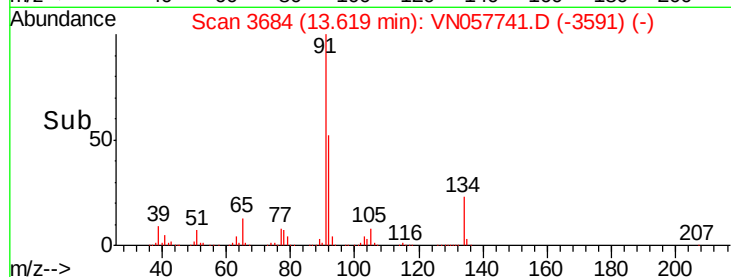
134 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN057741.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN057741.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN057741.D (-3591) (-)



#90

Hexachloroethane

Concen: 50.908 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057741.D

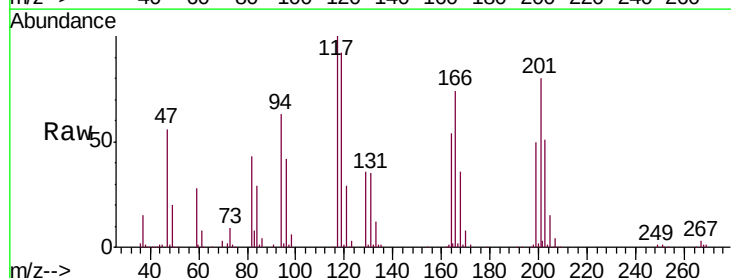
Acq: 7 Sep 2019 10:32

Tgt Ion: 117 Resp: 115397

Ion Ratio Lower Upper

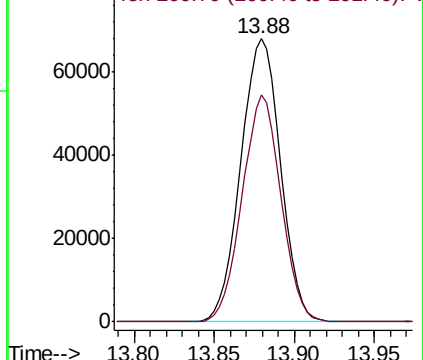
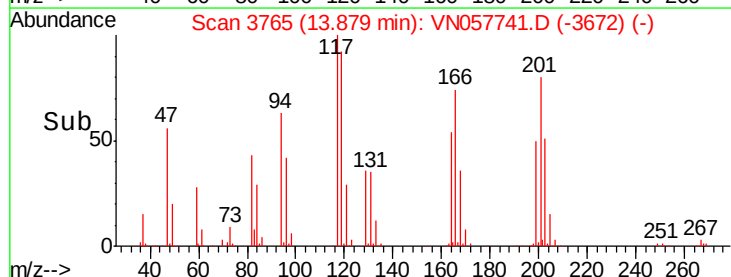
117 100

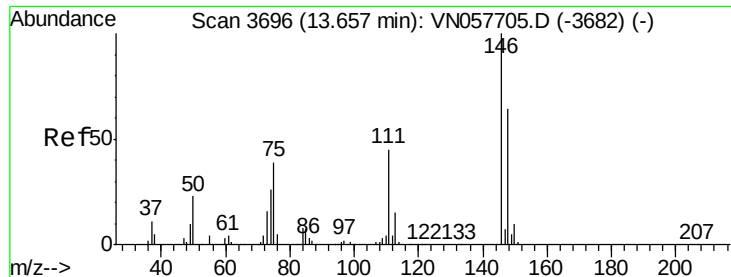
201 78.2 36.4 109.2



Abundance Ion 116.80 (116.50 to 117.50): VN057741.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN057741.D (-3672) (-)

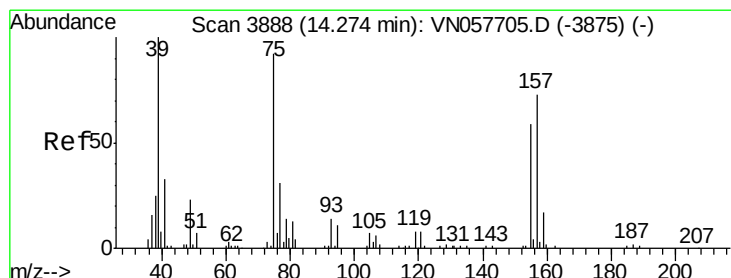
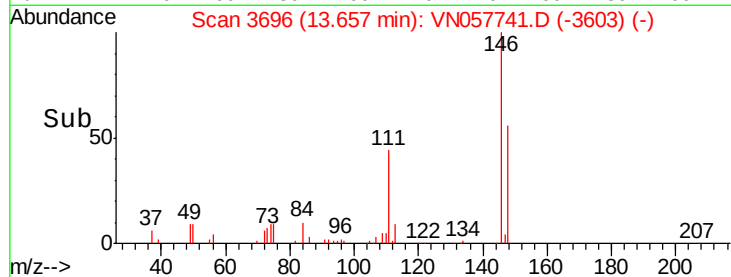
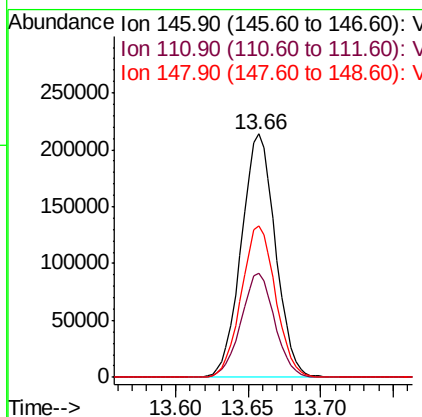
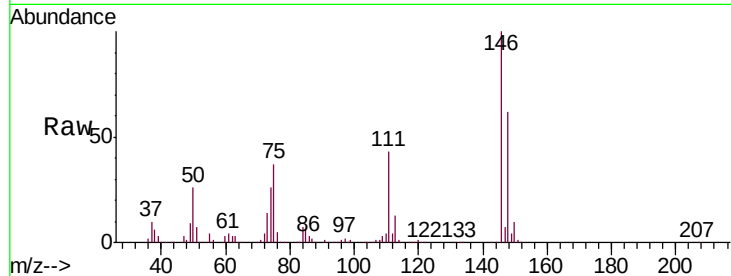




#91
 1,2-Dichlorobenzene
 Concen: 50.645 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

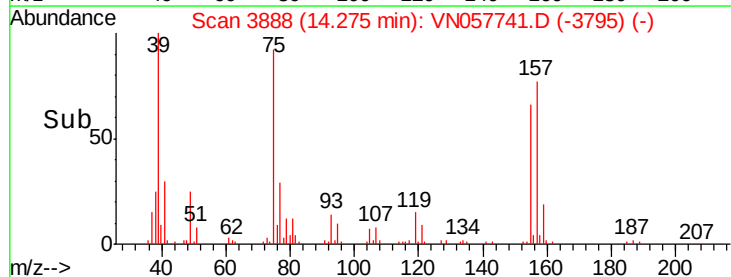
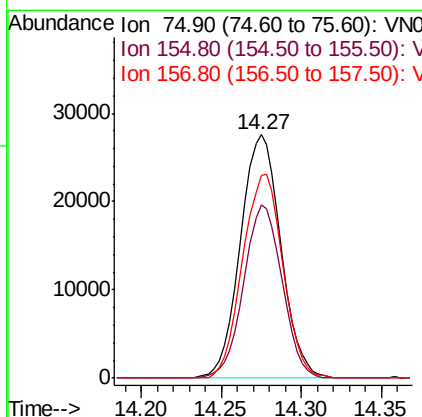
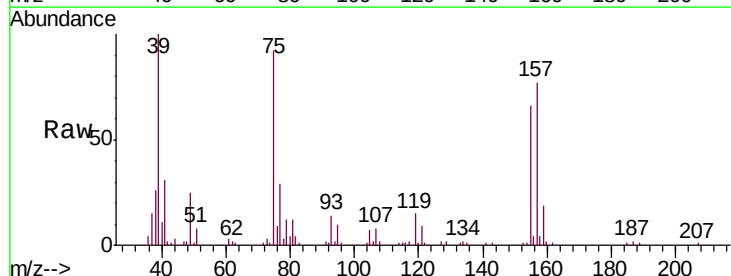
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

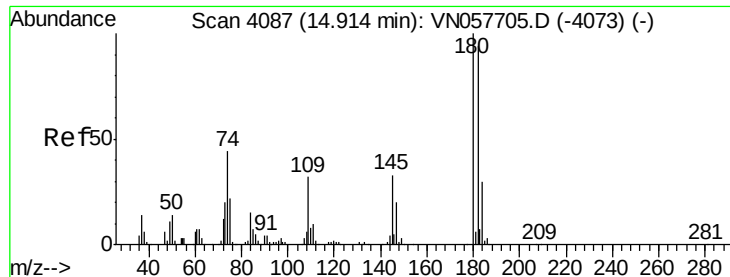
Tgt Ion:146 Resp: 350381
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.8 68.3
 148 62.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.386 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion: 75 Resp: 47412
 Ion Ratio Lower Upper
 75 100
 155 67.8 30.1 90.5
 157 83.7 38.1 114.5

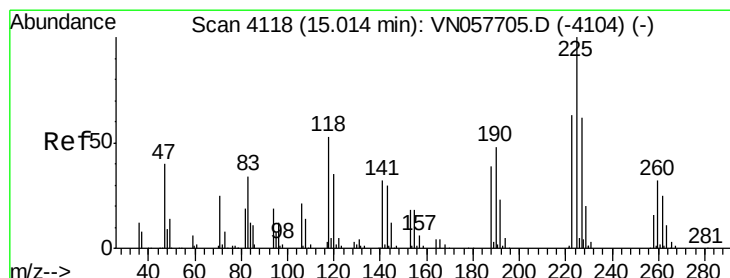
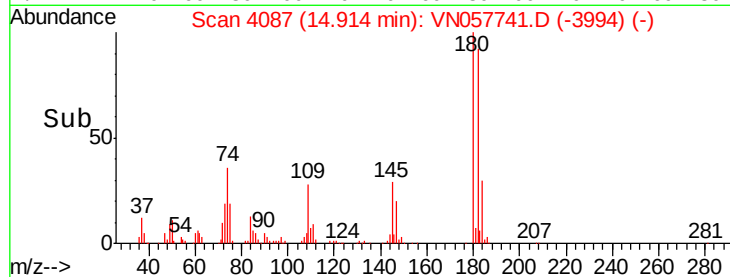
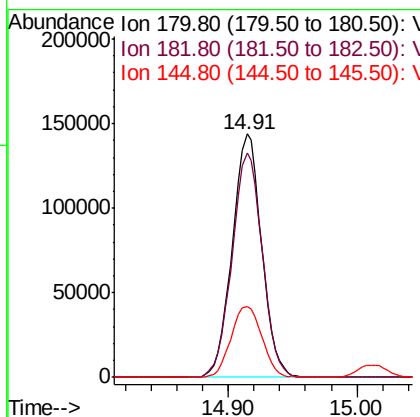
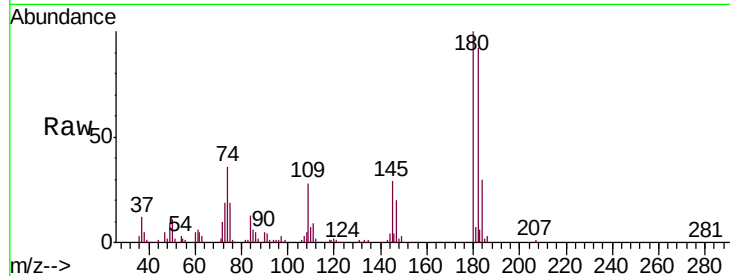




#93
 1,2,4-Trichlorobenzene
 Concen: 54.984 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

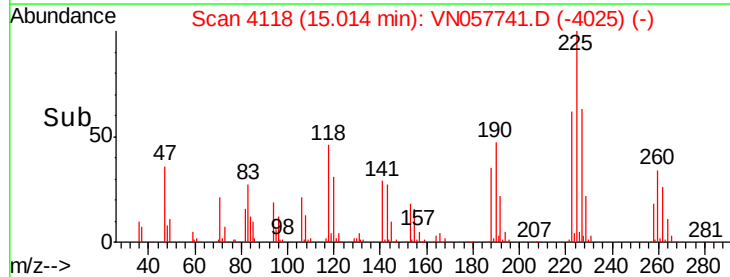
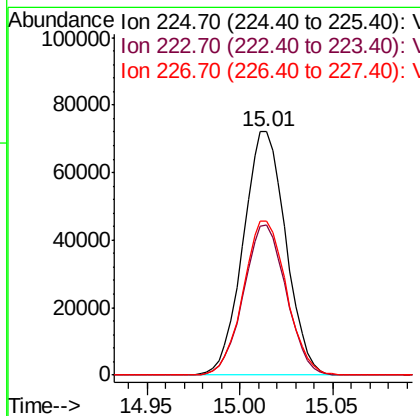
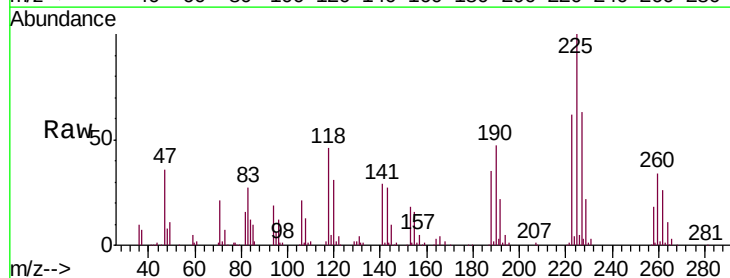
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

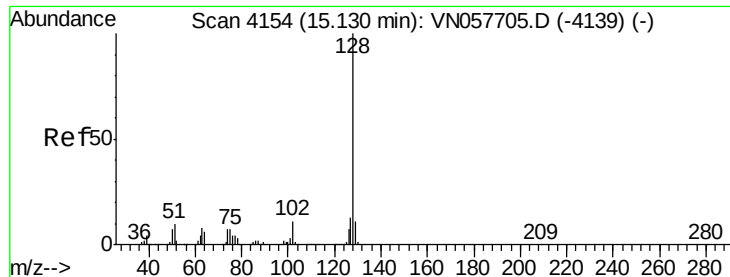
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227575		
182	94.6	47.6	142.9	
145	30.9	16.6	49.7	



#94
 Hexachlorobutadiene
 Concen: 57.403 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057741.D
 Acq: 7 Sep 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115804		
223	61.6	31.6	95.0	
227	64.2	31.7	95.1	

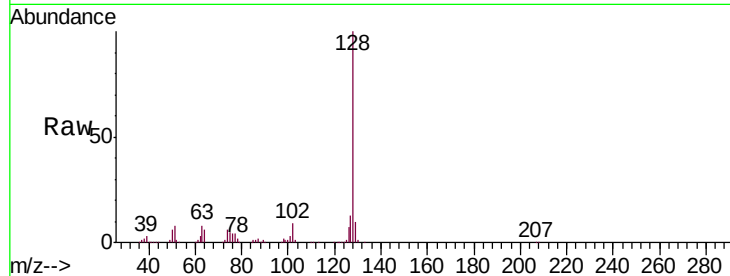




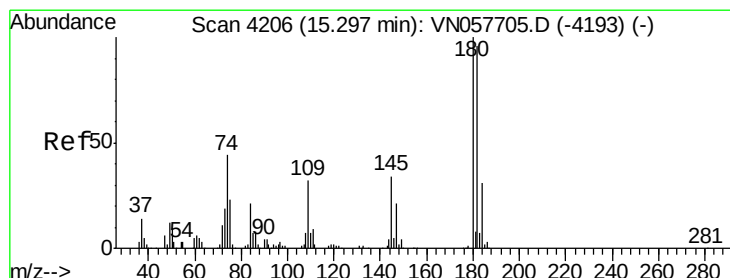
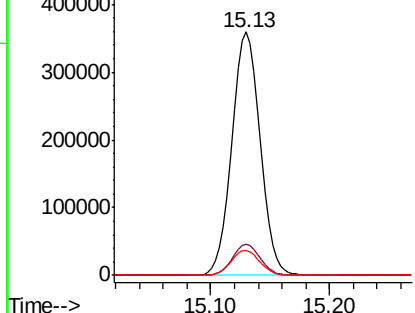
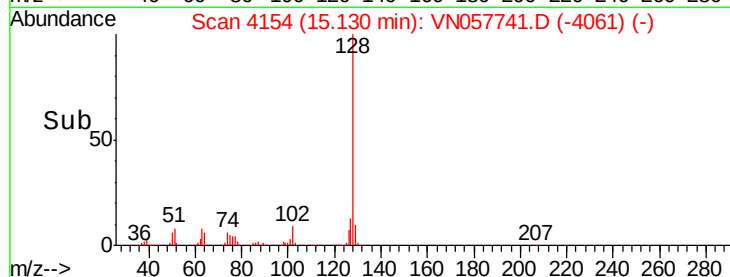
#95
Naphthalene
Concen: 49.368 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 592784
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.5 8.4 12.6

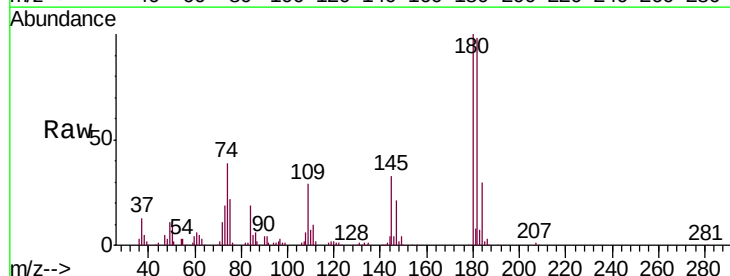


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.701 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057741.D
Acq: 7 Sep 2019 10:32

Tgt Ion:180 Resp: 209078
Ion Ratio Lower Upper
180 100
182 97.0 47.0 141.2
145 32.7 17.5 52.6



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

