

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057710.D
 Acq On : 6 Sep 2019 14:23
 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 06 23:22:47 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	197592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	296555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	232508	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	7.57	113	146381	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.08	98	569815	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	12.40	95	232061	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	159398	50.798	ug/l	96
3) Chloromethane	2.03	50	165137	45.097	ug/l	100
4) Vinyl Chloride	2.16	62	131019	48.214	ug/l	97
5) Bromomethane	2.54	94	69875	55.988	ug/l	100
6) Chloroethane	2.68	64	78088	48.675	ug/l	93
7) Trichlorofluoromethane	2.99	101	199905	45.838	ug/l	100
8) Diethyl Ether	3.39	74	88809	50.964	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	139468	51.242	ug/l	96
10) Methyl Iodide	3.92	142	148920	55.224	ug/l	96
11) Tert butyl alcohol	4.76	59	129119	236.420	ug/l	100
12) 1,1-Dichloroethene	3.71	96	125839	51.388	ug/l	99
13) Acrolein	3.58	56	62530	240.749	ug/l	95
14) Allyl chloride	4.30	41	280892	50.195	ug/l	98
15) Acrylonitrile	4.96	53	374004	266.364	ug/l	100
16) Acetone	3.79	43	373277	252.344	ug/l	97
17) Carbon Disulfide	4.02	76	284566	51.290	ug/l	99
18) Methyl Acetate	4.30	43	189553	47.122	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	518114	50.396	ug/l	98
20) Methylene Chloride	4.52	84	158184	49.457	ug/l	93
21) trans-1,2-Dichloroethene	5.01	96	132944	51.593	ug/l	95
22) Diisopropyl ether	5.93	45	607480	51.317	ug/l	98
23) Vinyl Acetate	5.87	43	2583746	269.658	ug/l	100
24) 1,1-Dichloroethane	5.82	63	306256	50.456	ug/l	99
25) 2-Butanone	6.81	43	553812	261.432	ug/l	100
26) 2,2-Dichloropropane	6.80	77	271747	53.666	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	169590	52.433	ug/l	96
28) Bromochloromethane	7.18	49	162513	51.172	ug/l	98
29) Tetrahydrofuran	7.19	42	346490	253.628	ug/l	98
30) Chloroform	7.35	83	323612	51.166	ug/l	99
31) Cyclohexane	7.63	56	266442	49.385	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	275334	52.263	ug/l	99
36) 1,1-Dichloropropene	7.77	75	219349	52.373	ug/l	98
37) Ethyl Acetate	6.91	43	229256	55.137	ug/l	100
38) Carbon Tetrachloride	7.76	117	218700	54.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	242461	54.732	ug/l	99
40) Benzene	8.03	78	634096	53.527	ug/l	99
41) Methacrylonitrile	7.15	41	111028	54.627	ug/l #	90
42) 1,2-Dichloroethane	8.11	62	286109	51.526	ug/l	99
43) Isopropyl Acetate	8.15	43	420210	52.652	ug/l	98
44) Trichloroethene	8.82	130	149256	56.060	ug/l	96
45) 1,2-Dichloropropane	9.11	63	177347	53.528	ug/l	99
46) Dibromomethane	9.20	93	115882	54.527	ug/l	98
47) Bromodichloromethane	9.39	83	247763	54.856	ug/l	100
48) Methyl methacrylate	9.19	41	210109	51.190	ug/l	99
49) 1,4-Dioxane	9.19	88	52827	1106.162	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1219568	275.158	ug/l	99
52) Toluene	10.15	92	391770	54.565	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260713	57.537	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	272236	55.608	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	158693	54.922	ug/l	97
56) Ethyl methacrylate	10.43	69	259517	56.271	ug/l	95
57) 1,3-Dichloropropane	10.70	76	281650	54.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	654981	279.931	ug/l	100
59) 2-Hexanone	10.75	43	901569	288.462	ug/l	99
60) Dibromochloromethane	10.90	129	159509	51.151	ug/l	98
61) 1,2-Dibromoethane	11.00	107	156344	56.362	ug/l	99
64) Tetrachloroethene	10.63	164	125606	54.327	ug/l	96
65) Chlorobenzene	11.43	112	416482	53.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	154155	57.269	ug/l	98
67) Ethyl Benzene	11.51	91	799025	53.534	ug/l	99
68) m/p-Xylenes	11.62	106	563030	109.521	ug/l	99
69) o-Xylene	11.95	106	276637	54.345	ug/l	98
70) Styrene	11.96	104	484566	55.015	ug/l	98
71) Bromoform	12.13	173	101859	50.600	ug/l #	98
73) Isopropylbenzene	12.25	105	791457	53.033	ug/l	100
74) N-amyl acetate	12.07	43	384589	51.587	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	232071	51.858	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	303343	78.254	ug/l #	100
77) Bromobenzene	12.53	156	176144	54.328	ug/l	95
78) n-propylbenzene	12.59	91	947591	53.443	ug/l	99
79) 2-Chlorotoluene	12.68	91	566697	52.501	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	679207	53.576	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66408	53.279	ug/l	98
82) 4-Chlorotoluene	12.78	91	587043	52.807	ug/l	99
83) tert-Butylbenzene	13.00	119	562097	52.594	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	674704	53.728	ug/l	100
85) sec-Butylbenzene	13.17	105	782601	53.152	ug/l	99
86) p-Isopropyltoluene	13.29	119	690450	55.332	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	324674	53.566	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	325620	53.703	ug/l	98
89) n-Butylbenzene	13.62	91	689984	55.912	ug/l	98
90) Hexachloroethane	13.88	117	110602	56.568	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	319467	53.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46779	53.060	ug/l	92

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Quant Title : SW846 8260
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Response via : Initial Calibration

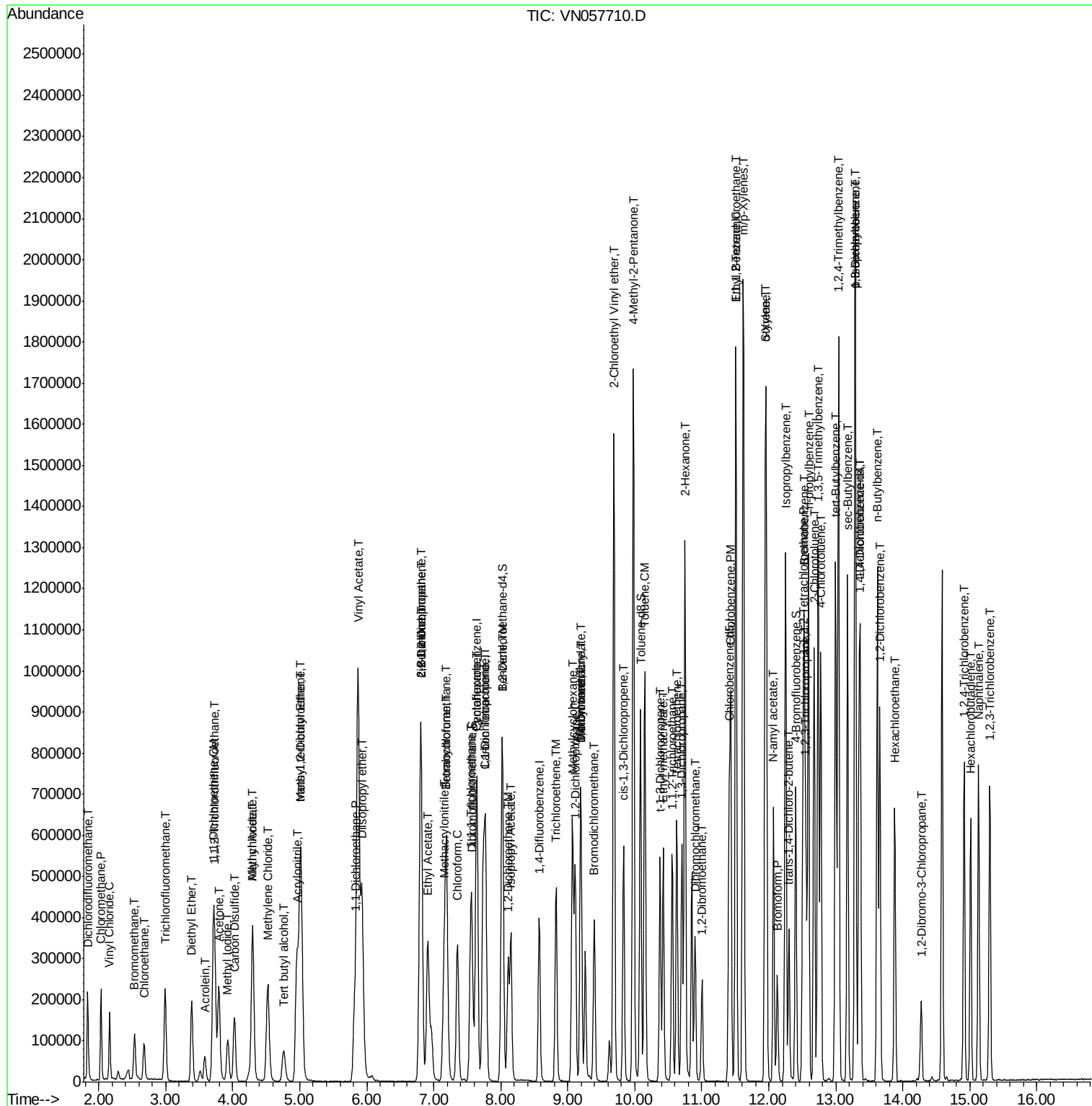
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	203820	57.092	ug/l	99
94) Hexachlorobutadiene	15.01	225	101700	58.445	ug/l	98
95) Naphthalene	15.13	128	562416	54.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	193430	56.526	ug/l	99

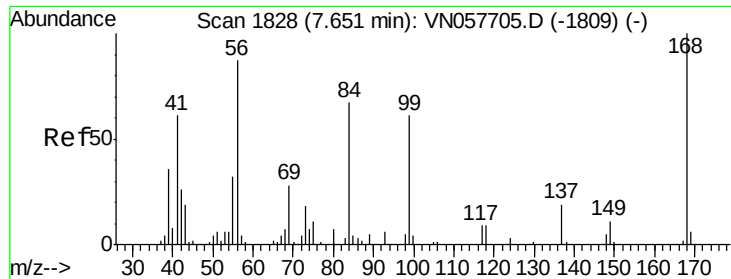
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
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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: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

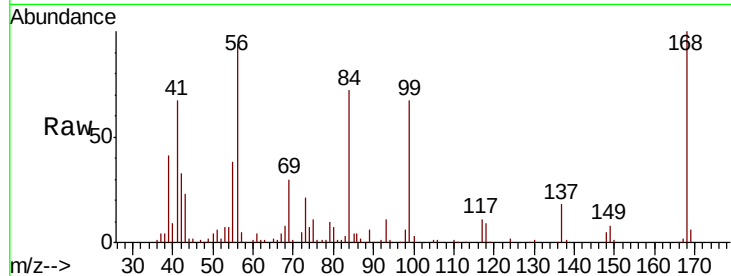
VSTDCCC050

Tgt Ion: 168 Resp: 197592

Ion Ratio Lower Upper

168 100

99 65.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

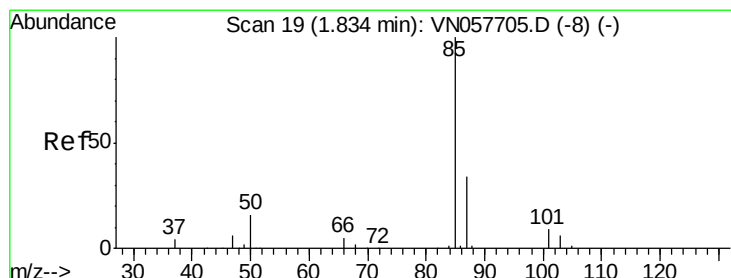
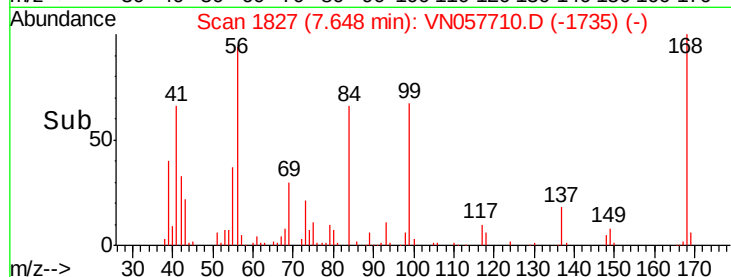
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 50.798 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057710.D

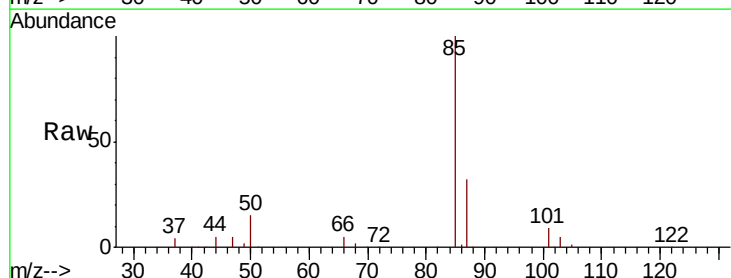
Acq: 6 Sep 2019 14:23

Tgt Ion: 85 Resp: 159398

Ion Ratio Lower Upper

85 100

87 31.6 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

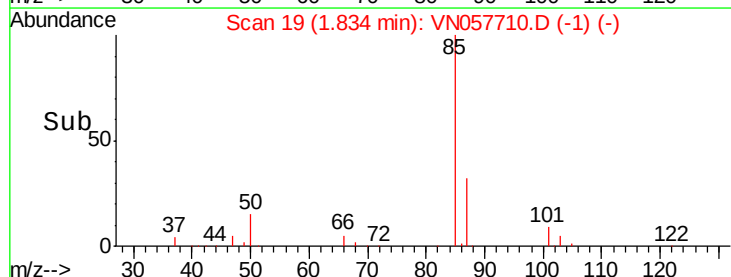
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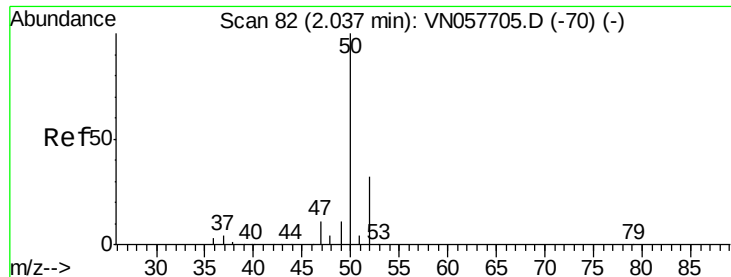
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 45.097 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

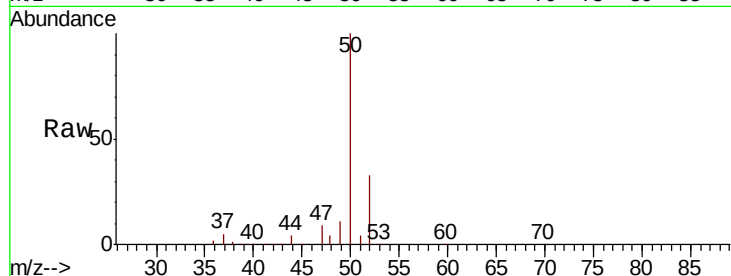
VSTDCCC050

Tgt Ion: 50 Resp: 165137

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN057710.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN057710.D (-1) (-)

2.03

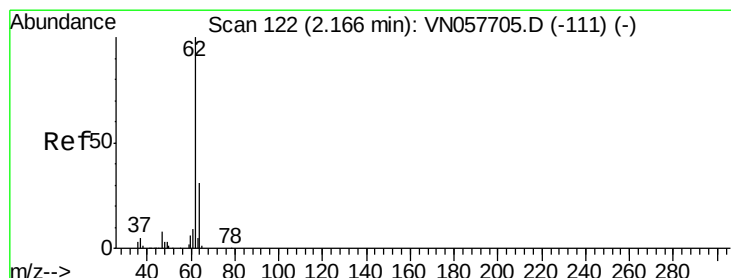
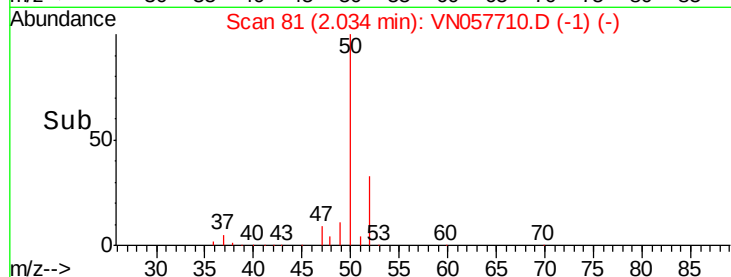
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.214 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057710.D

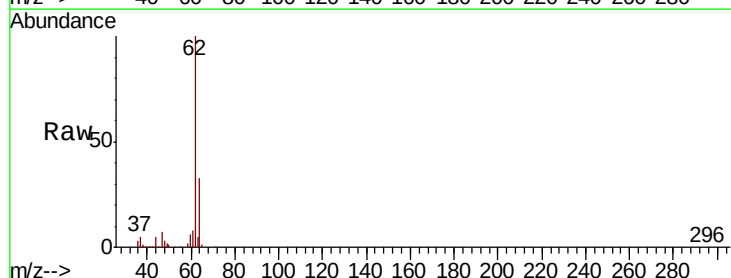
Acq: 6 Sep 2019 14:23

Tgt Ion: 62 Resp: 131019

Ion Ratio Lower Upper

62 100

64 32.9 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN057710.D (-29) (-)

Ion 63.90 (63.60 to 64.60): VN057710.D (-29) (-)

2.16

100000

80000

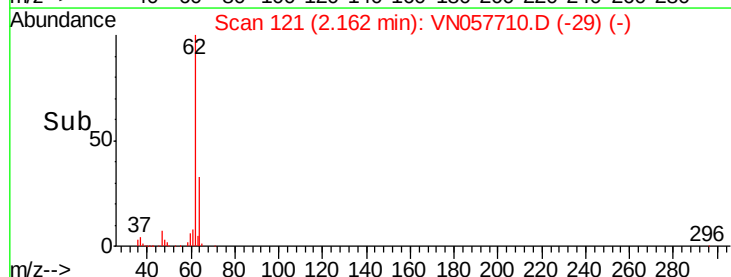
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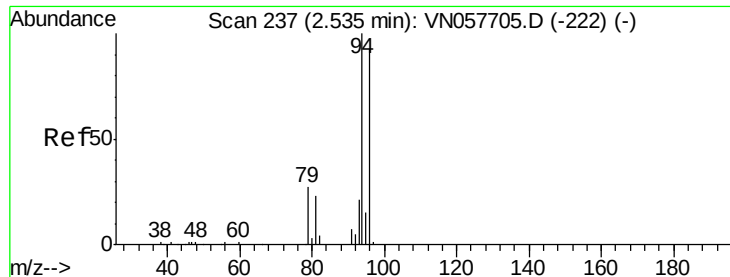
40000

20000

0

Time-->





#5

Bromomethane

Concen: 55.988 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

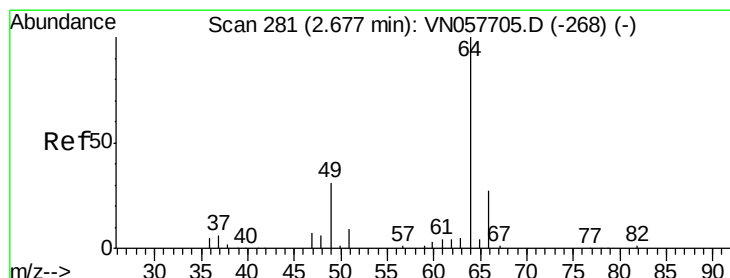
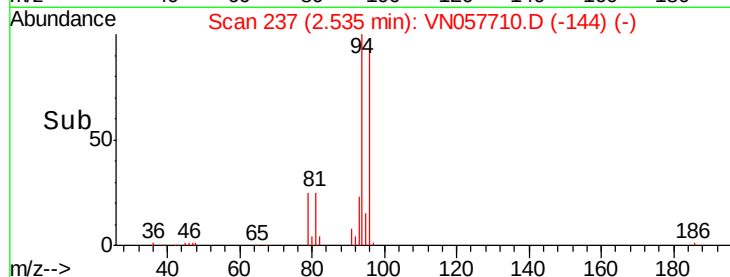
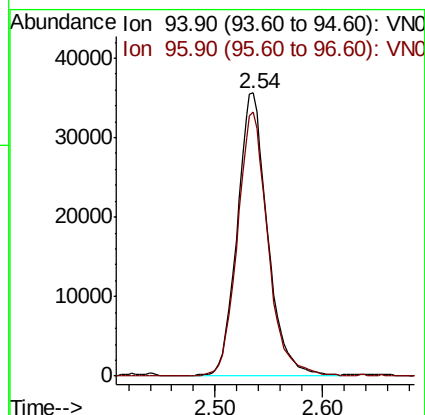
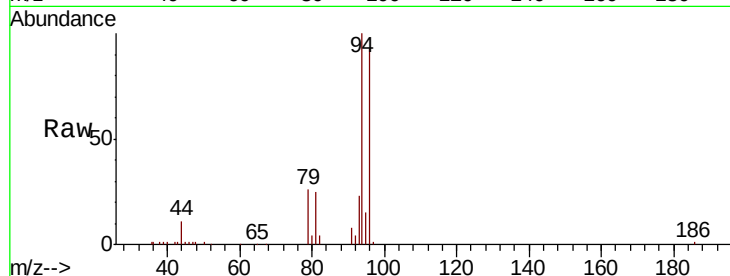
VSTDCCC050

Tgt Ion: 94 Resp: 69875

Ion Ratio Lower Upper

94 100

96 93.3 74.8 112.2



#6

Chloroethane

Concen: 48.675 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057710.D

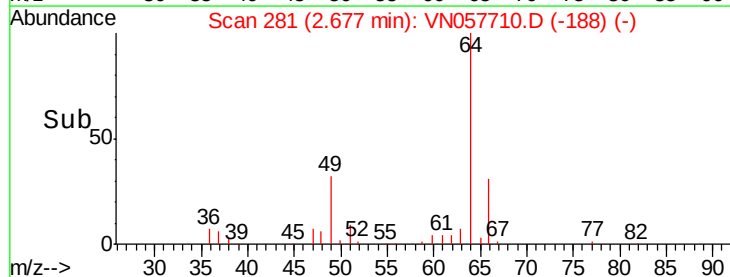
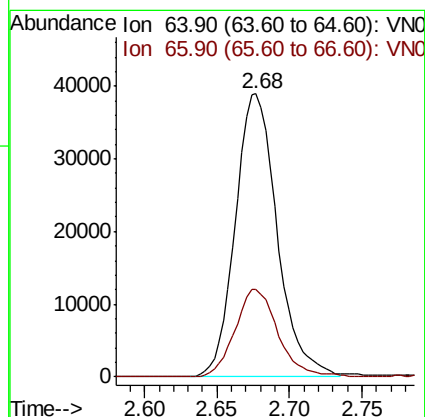
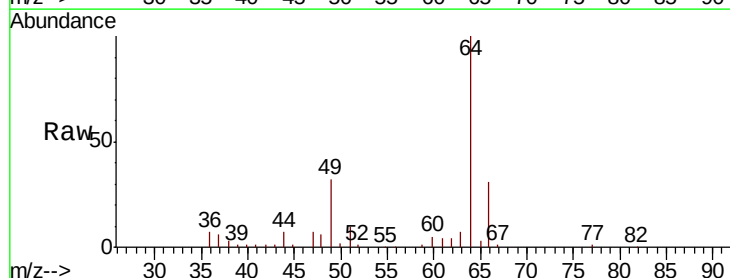
Acq: 6 Sep 2019 14:23

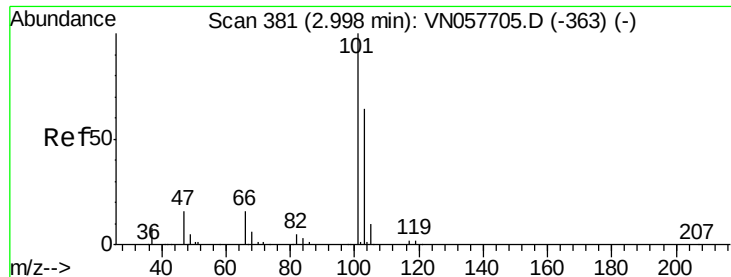
Tgt Ion: 64 Resp: 78088

Ion Ratio Lower Upper

64 100

66 31.0 22.0 33.0



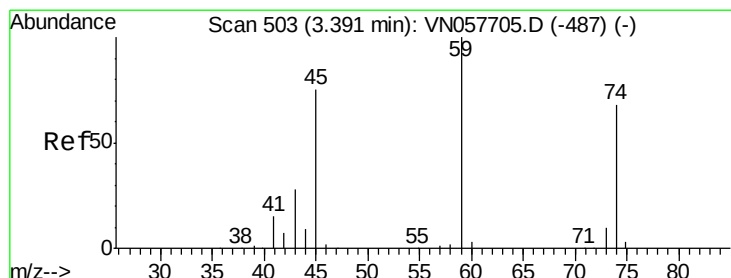
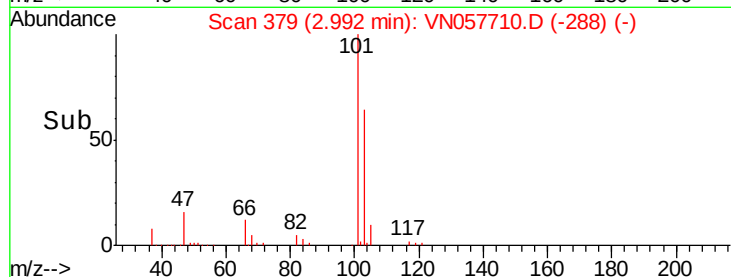
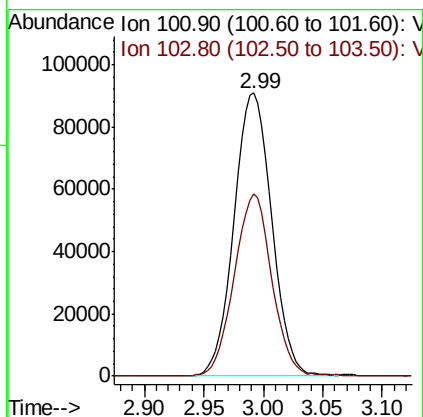
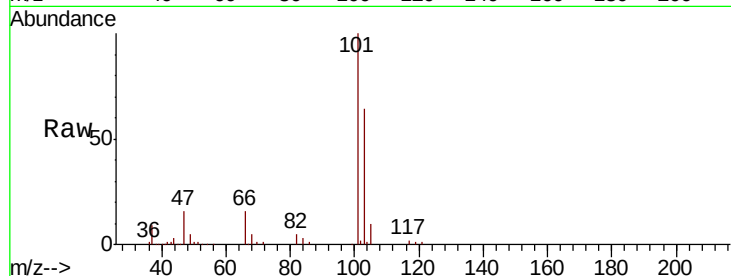


#7

Trichlorofluoromethane
Concen: 45.838 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

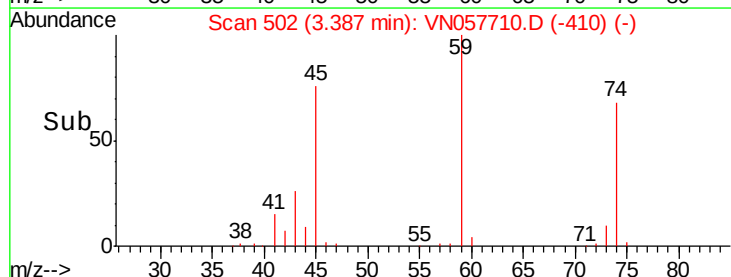
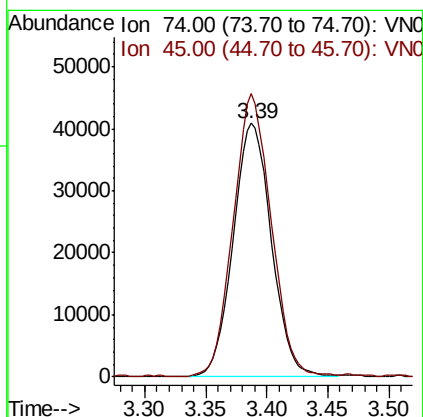
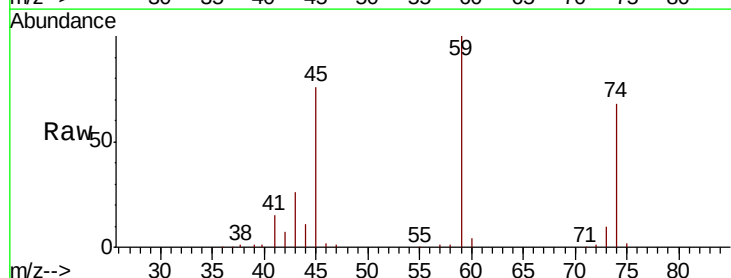
Tgt Ion: 101 Resp: 199905
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

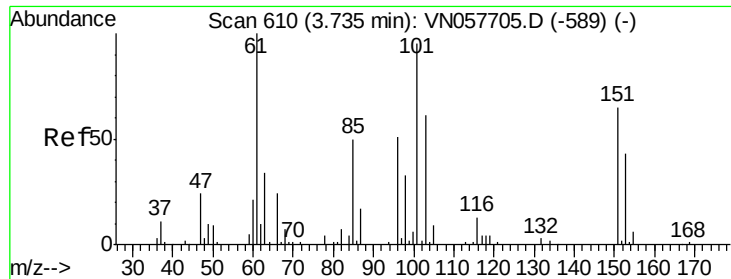


#8

Diethyl Ether
Concen: 50.964 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 74 Resp: 88809
Ion Ratio Lower Upper
74 100
45 111.1 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.242 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

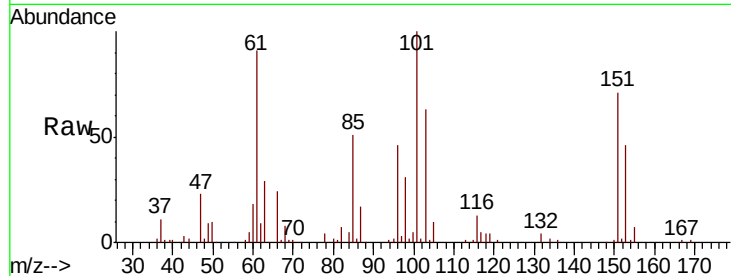
Tgt Ion:101 Resp: 139468

Ion Ratio Lower Upper

101 100

85 50.8 42.8 64.2

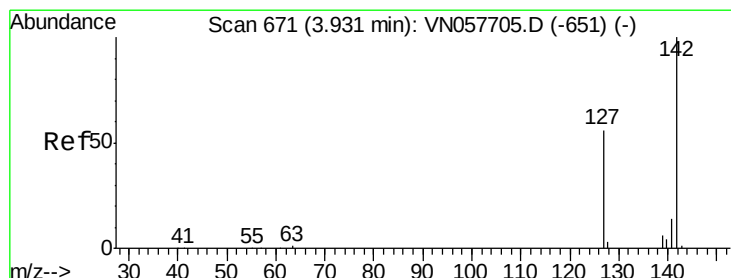
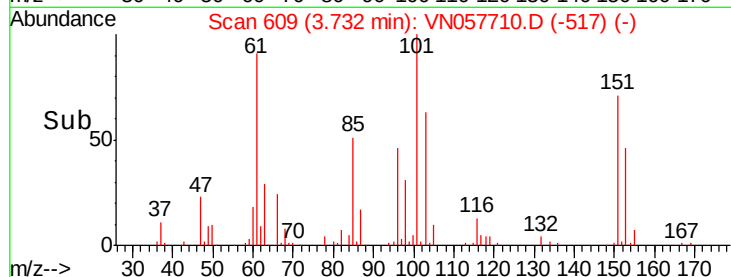
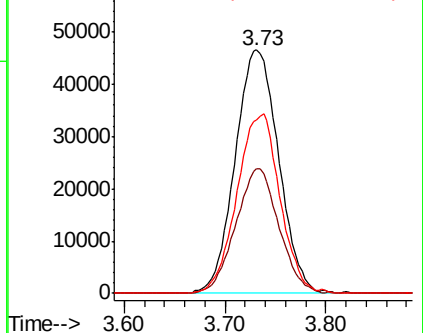
151 73.0 55.5 83.3



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: 55.224 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

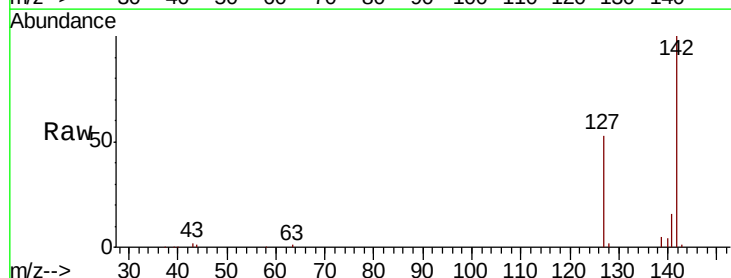
Tgt Ion:142 Resp: 148920

Ion Ratio Lower Upper

142 100

127 55.6 42.1 63.1

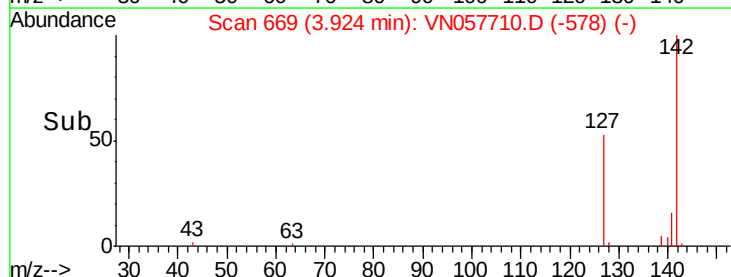
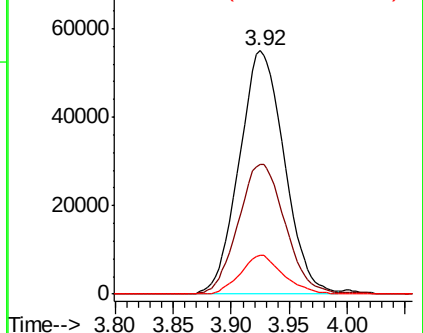
141 15.1 11.0 16.4

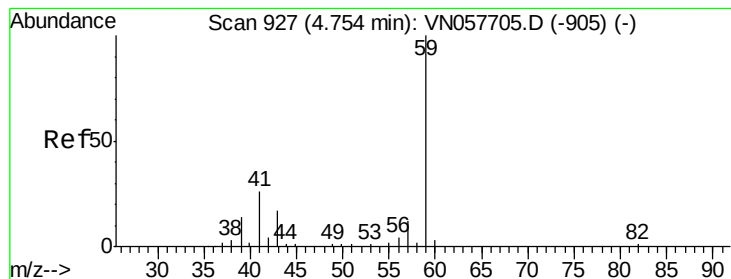


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



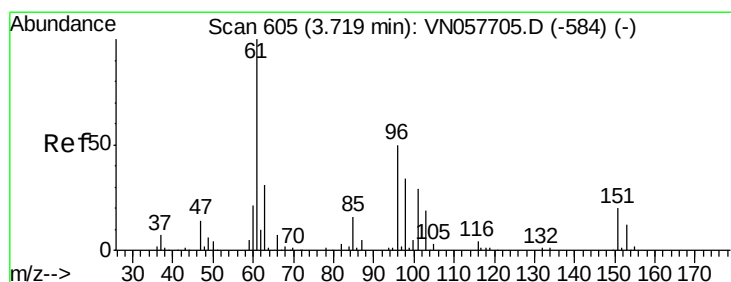
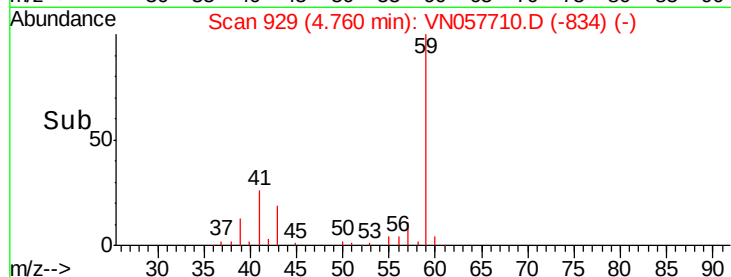
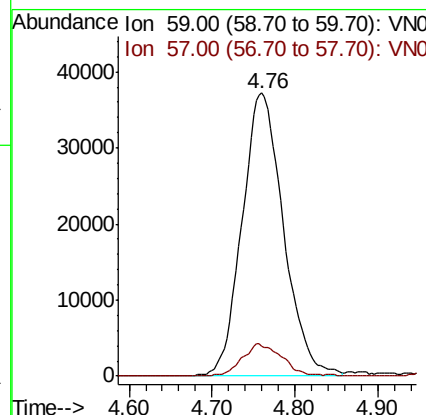
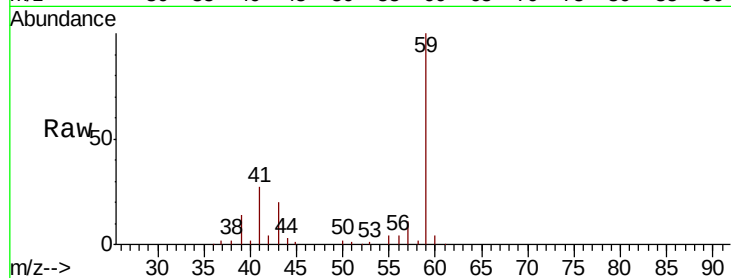


#11

Tert butyl alcohol
 Concen: 236.420 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

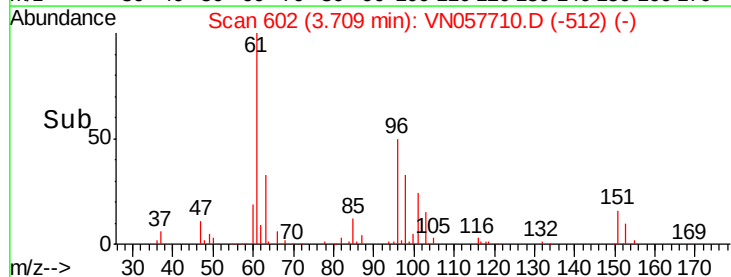
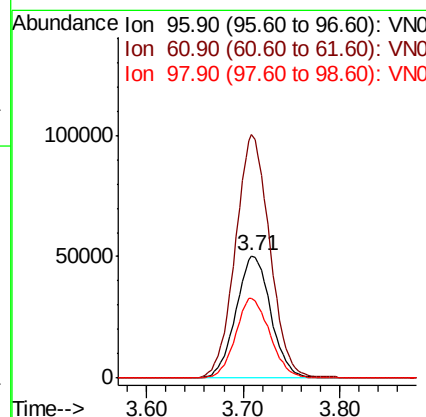
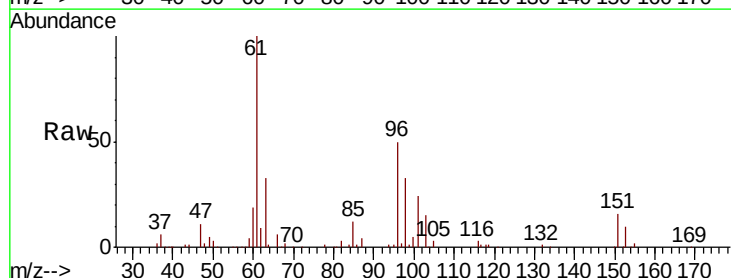
Tgt Ion: 59 Resp: 129119
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.9 13.3

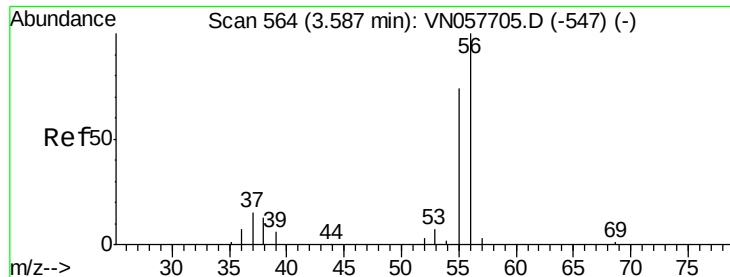


#12

1,1-Dichloroethene
 Concen: 51.388 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 96 Resp: 125839
 Ion Ratio Lower Upper
 96 100
 61 199.5 158.7 238.1
 98 65.5 53.8 80.8





#13

Acrolein

Concen: 240.749 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

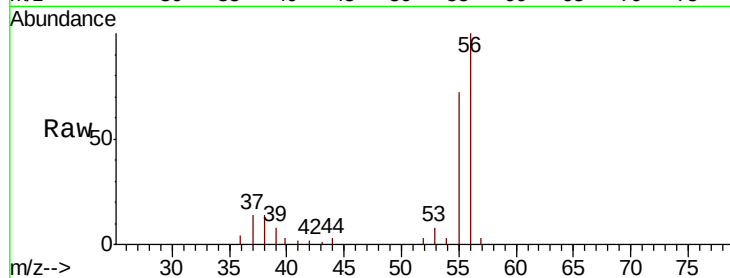
VSTDCCC050

Tgt Ion: 56 Resp: 62530

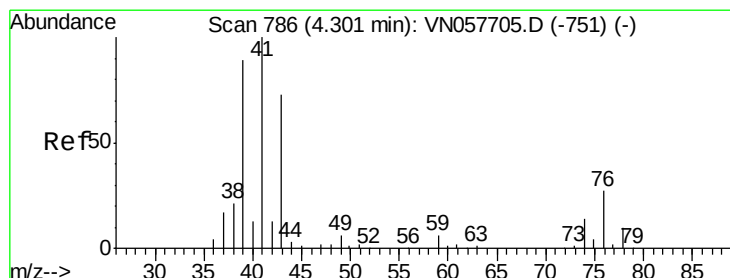
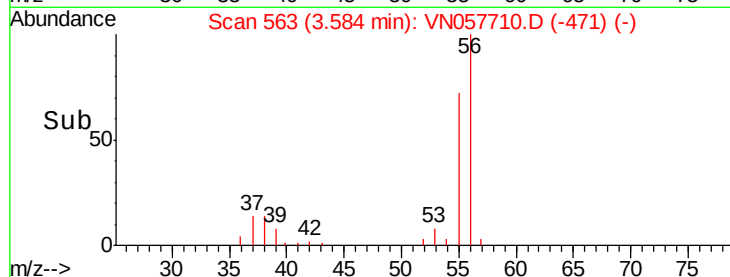
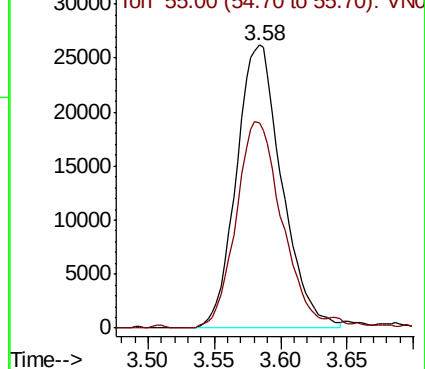
Ion Ratio Lower Upper

56 100

55 72.9 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN057710.D (-471) (-)



#14

Allyl chloride

Concen: 50.195 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

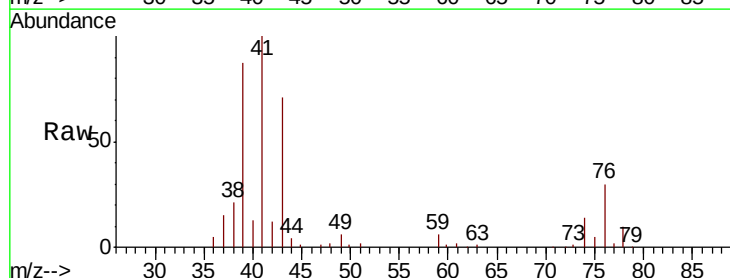
Tgt Ion: 41 Resp: 280892

Ion Ratio Lower Upper

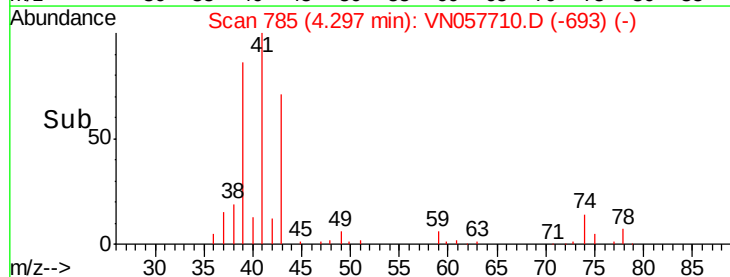
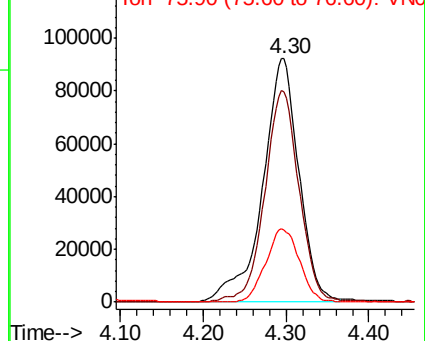
41 100

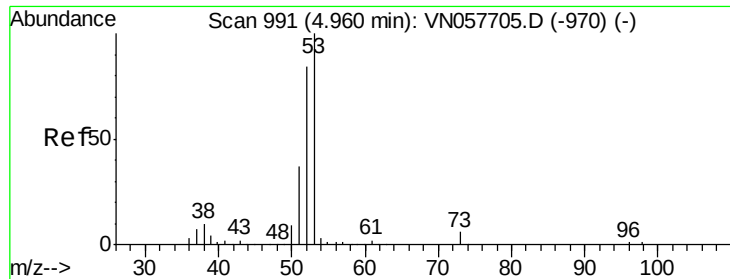
39 82.2 67.5 101.3

76 28.1 21.4 32.2



Abundance Ion 41.00 (40.70 to 41.70): VN057710.D (-693) (-)





#15

Acrylonitrile

Concen: 266.364 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

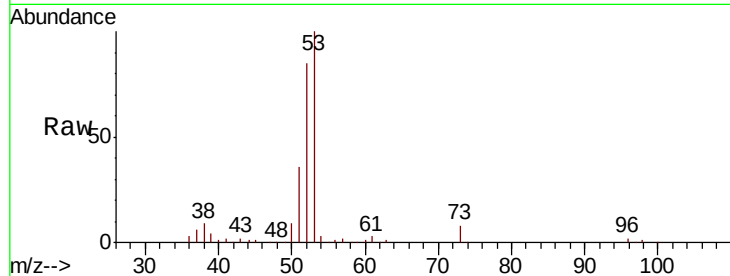
Tgt Ion: 53 Resp: 374004

Ion Ratio Lower Upper

53 100

52 84.6 68.1 102.1

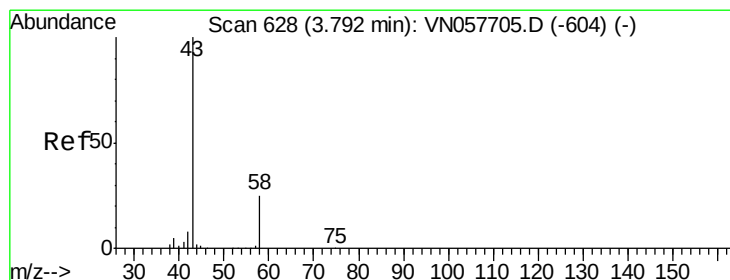
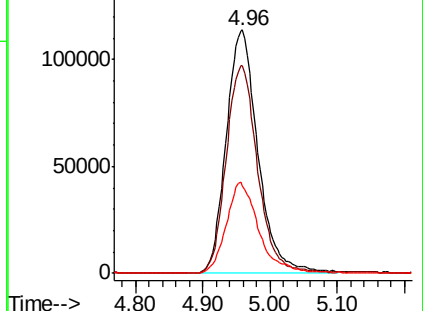
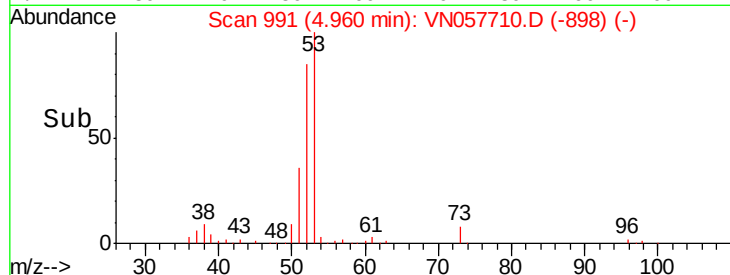
51 38.0 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN057710.D (-898) (-)

Ion 52.00 (51.70 to 52.70): VN057710.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VN057710.D (-898) (-)



#16

Acetone

Concen: 252.344 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN057710.D

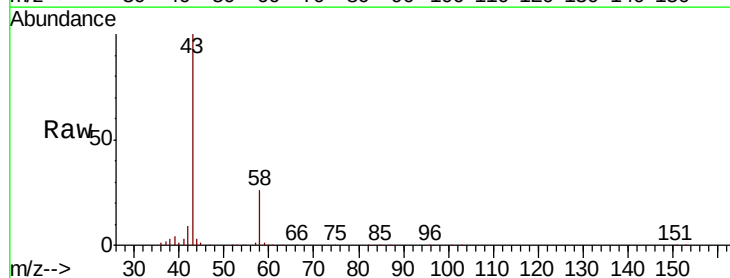
Acq: 6 Sep 2019 14:23

Tgt Ion: 43 Resp: 373277

Ion Ratio Lower Upper

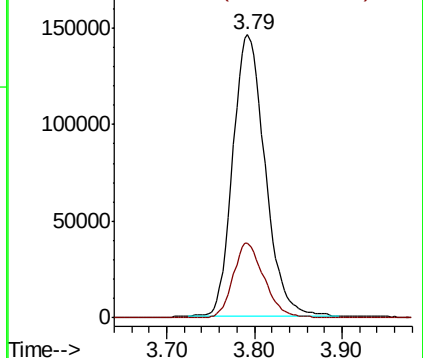
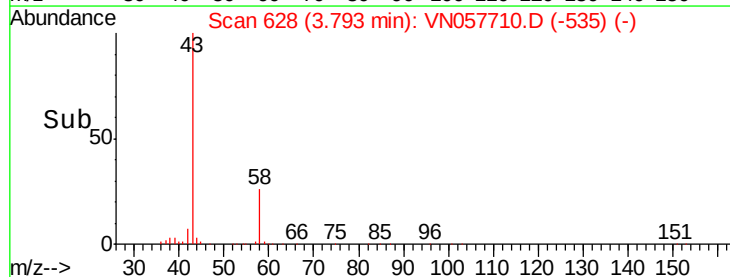
43 100

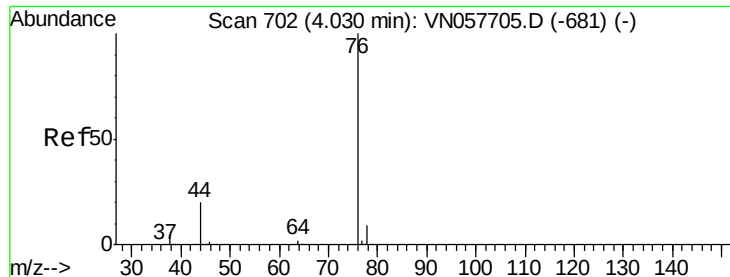
58 26.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN057710.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN057710.D (-535) (-)

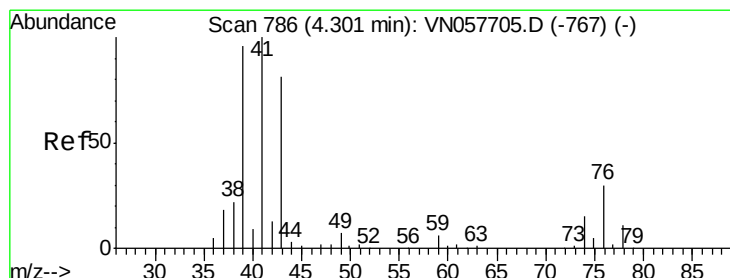
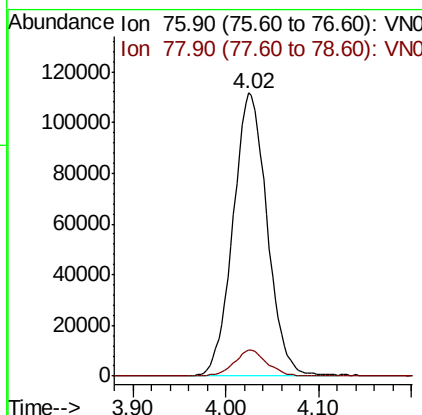
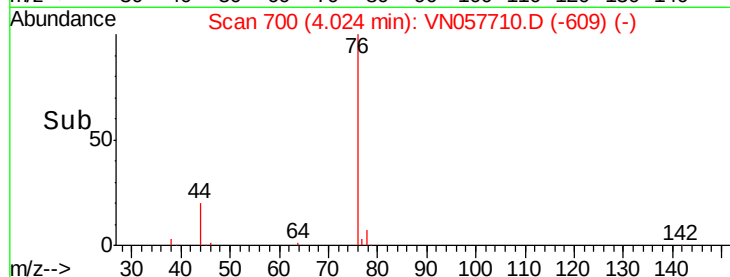
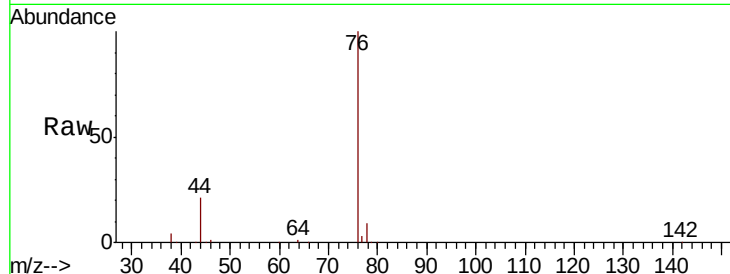




#17
Carbon Disulfide
Concen: 51.290 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

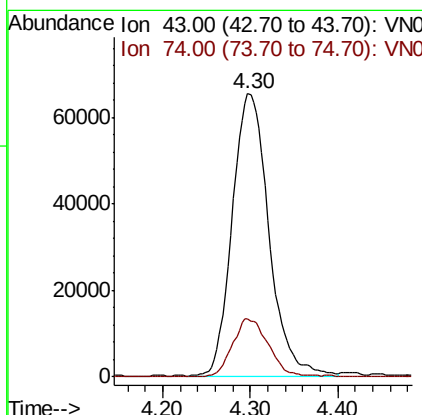
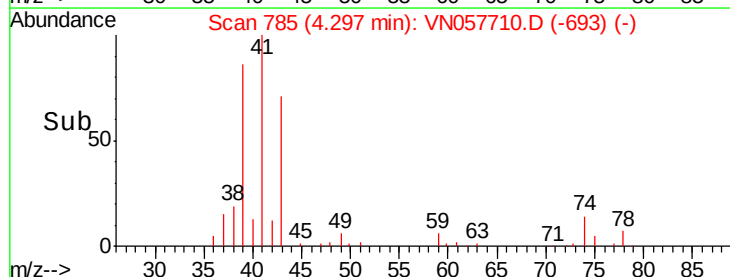
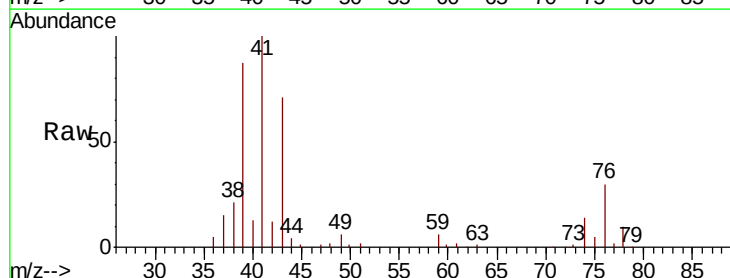
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

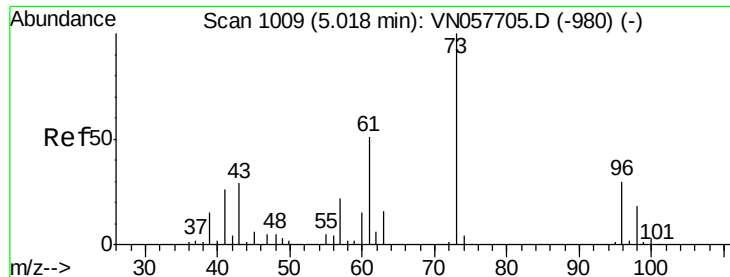
Tgt Ion: 76 Resp: 284566
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 47.122 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 43 Resp: 189553
Ion Ratio Lower Upper
43 100
74 20.1 15.3 22.9

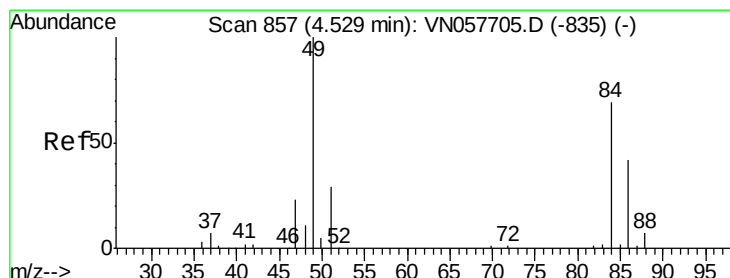
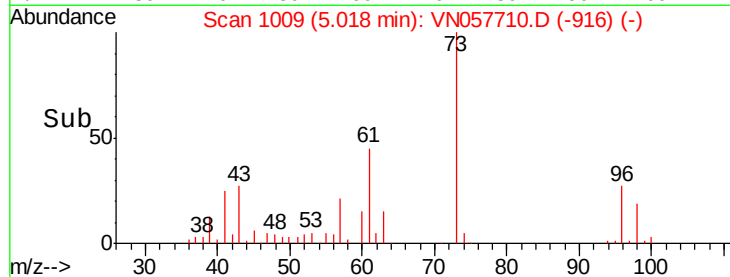
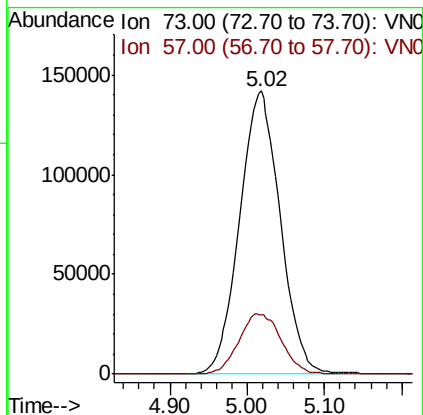
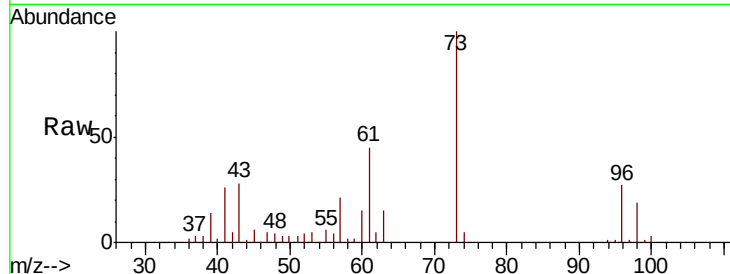




#19
Methyl tert-butyl Ether
Concen: 50.396 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

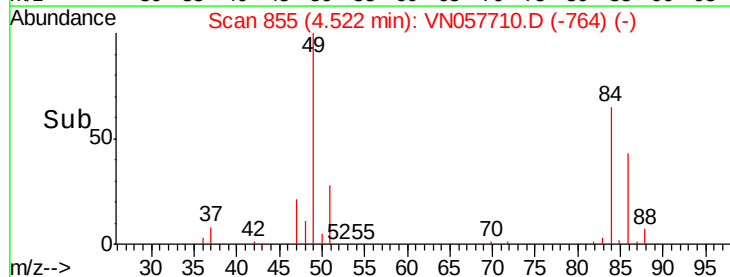
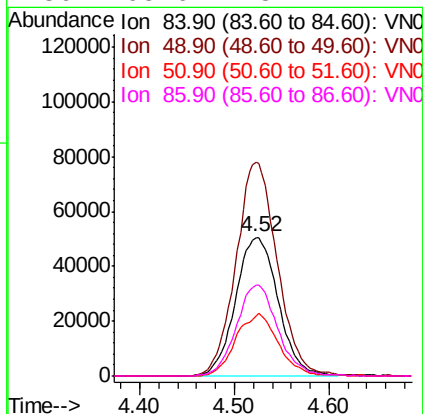
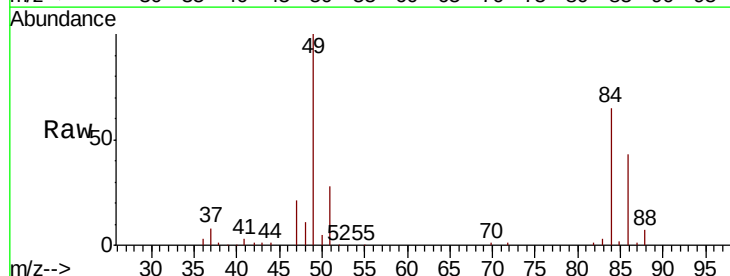
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

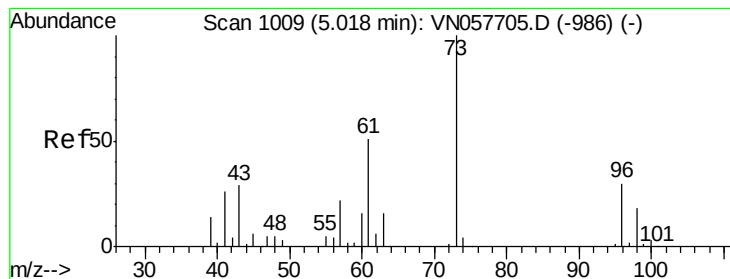
Tgt Ion: 73 Resp: 518114
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.457 ug/l
RT: 4.52 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 84 Resp: 158184
Ion Ratio Lower Upper
84 100
49 153.5 115.0 172.6
51 43.2 33.8 50.8
86 65.6 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 51.593 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

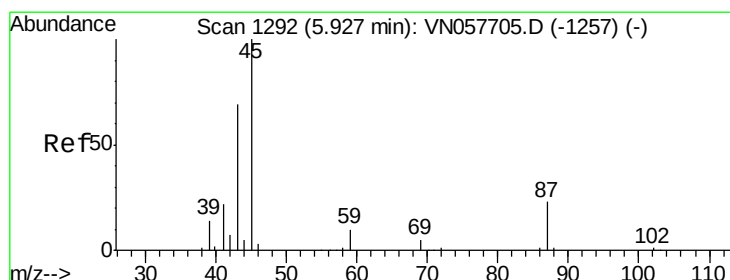
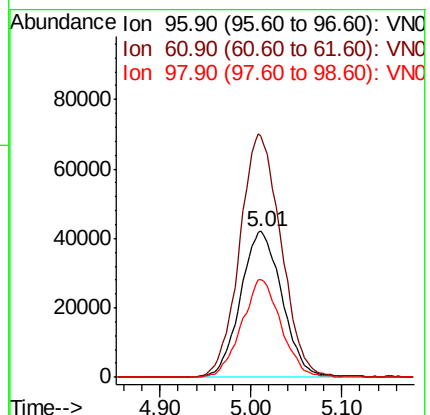
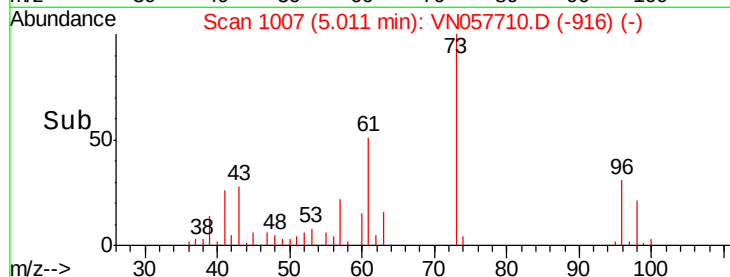
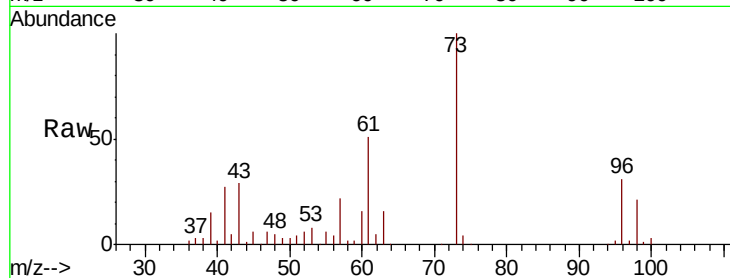
Tgt Ion: 96 Resp: 132944

Ion Ratio Lower Upper

96 100

61 165.1 135.8 203.8

98 67.2 49.0 73.6



#22

Diisopropyl ether

Concen: 51.317 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Tgt Ion: 45 Resp: 607480

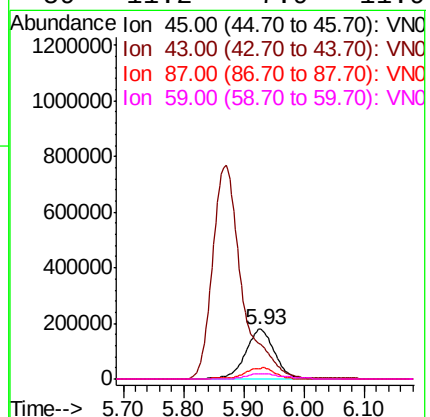
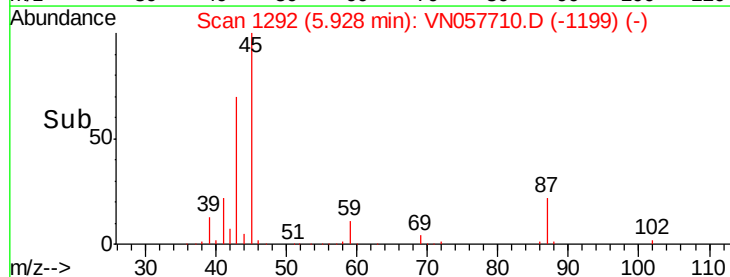
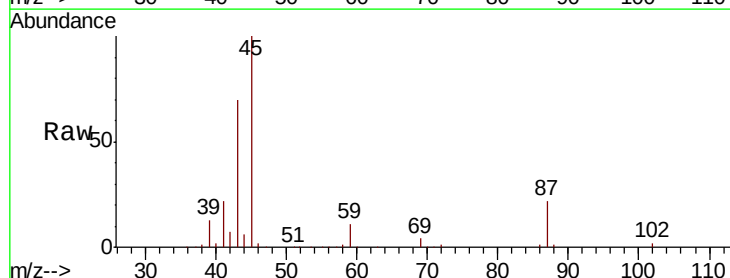
Ion Ratio Lower Upper

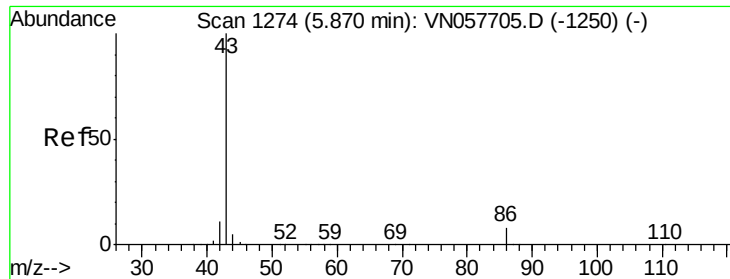
45 100

43 68.1 55.5 83.3

87 21.8 18.6 28.0

59 11.2 7.9 11.9





#23

Vinyl Acetate

Concen: 269.658 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

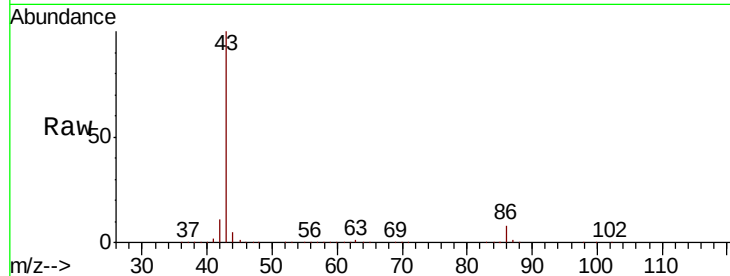
VSTDCCC050

Tgt Ion: 43 Resp: 2583746

Ion Ratio Lower Upper

43 100

86 7.6 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VN057710.D (-1181) (-)

Ion 86.00 (85.70 to 86.70): VN057710.D (-1181) (-)

5.87

800000

600000

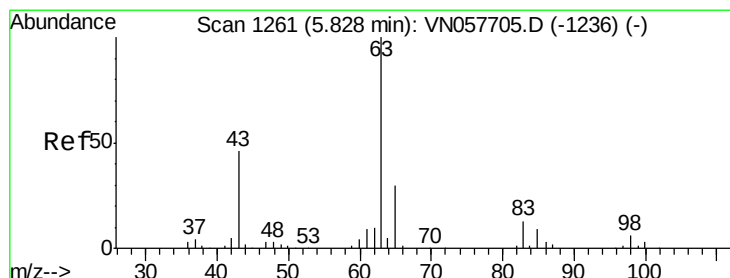
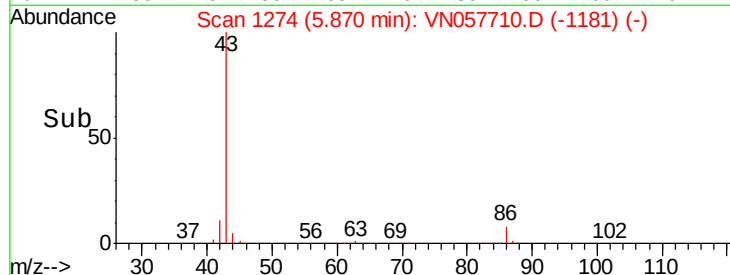
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 50.456 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

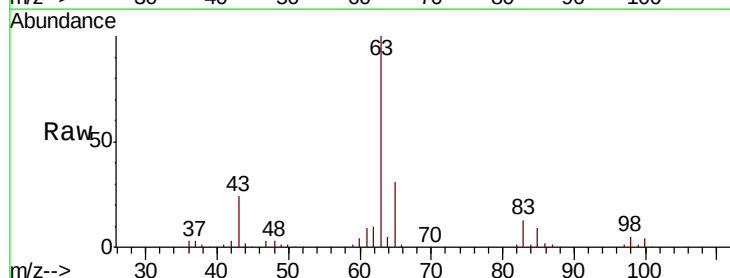
Tgt Ion: 63 Resp: 306256

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 3.5 1.7 5.0



Abundance Ion 62.90 (62.60 to 63.60): VN057710.D (-1168) (-)

Ion 97.90 (97.60 to 98.60): VN057710.D (-1168) (-)

Ion 99.90 (99.60 to 100.60): VN057710.D (-1168) (-)

5.82

120000

100000

80000

60000

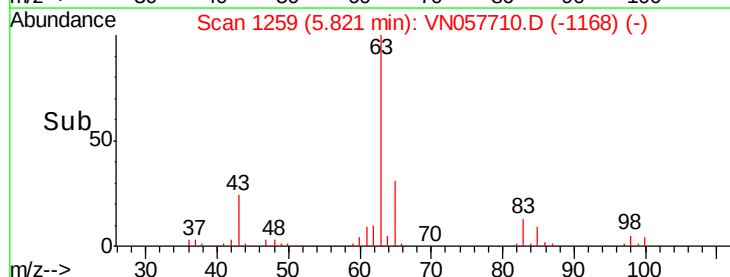
40000

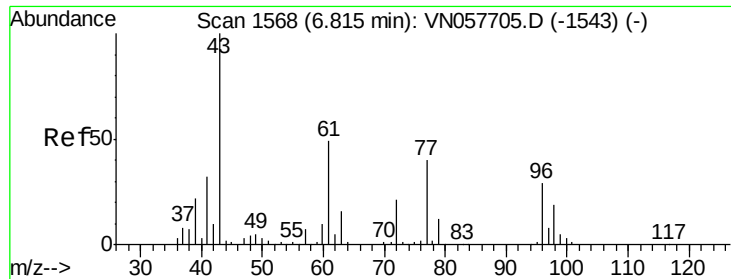
20000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 261.432 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

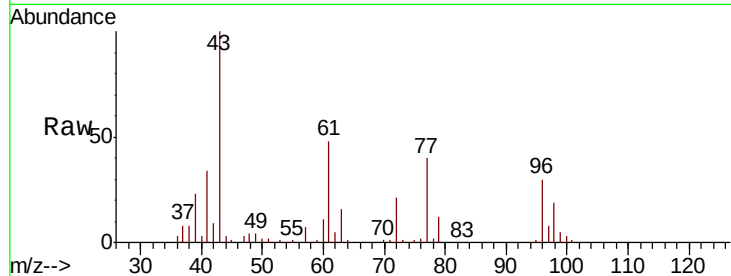
VSTDCCC050

Tgt Ion: 43 Resp: 553812

Ion Ratio Lower Upper

43 100

72 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VN057710.D (-1475) (-)

Ion 72.00 (71.70 to 72.70): VN057710.D (-1475) (-)

6.81

200000

150000

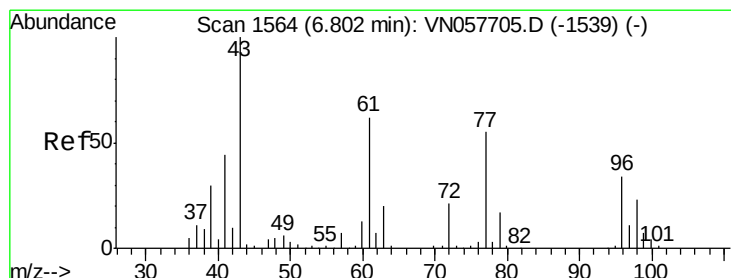
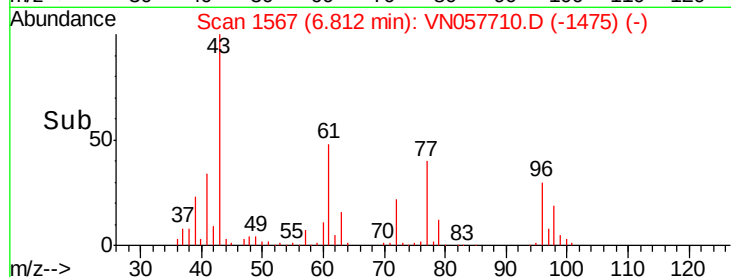
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 53.666 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN057710.D

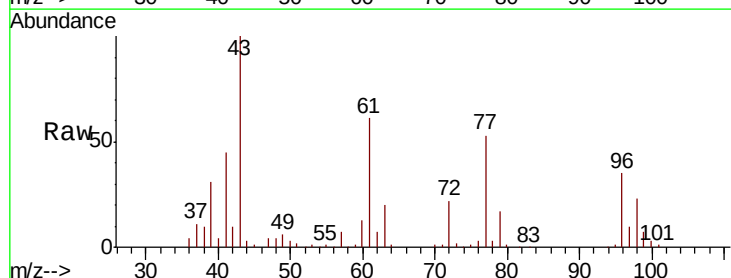
Acq: 6 Sep 2019 14:23

Tgt Ion: 77 Resp: 271747

Ion Ratio Lower Upper

77 100

97 20.0 10.1 30.1



Abundance Ion 76.90 (76.60 to 77.60): VN057710.D (-1471) (-)

Ion 96.90 (96.60 to 97.60): VN057710.D (-1471) (-)

6.80

100000

80000

60000

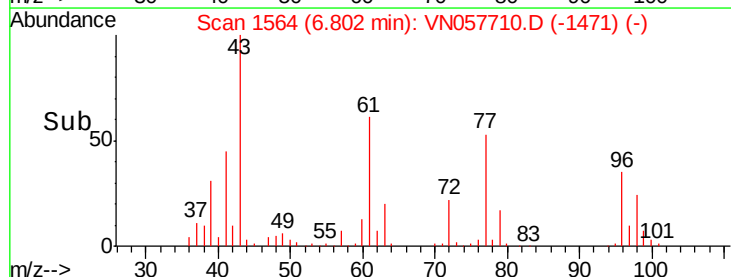
40000

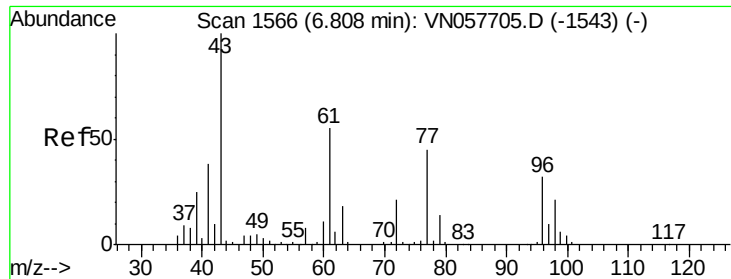
20000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.433 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

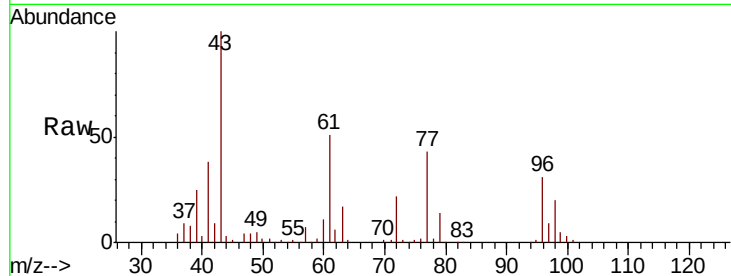
Tgt Ion: 96 Resp: 169590

Ion Ratio Lower Upper

96 100

61 173.0 0.0 360.6

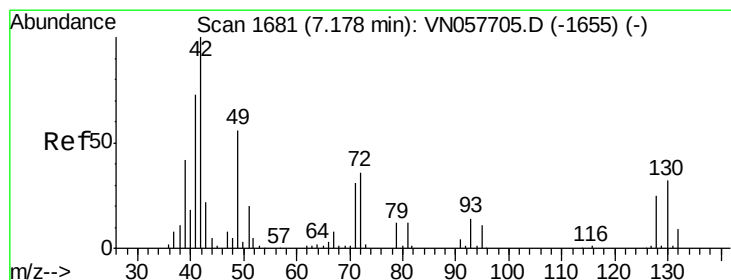
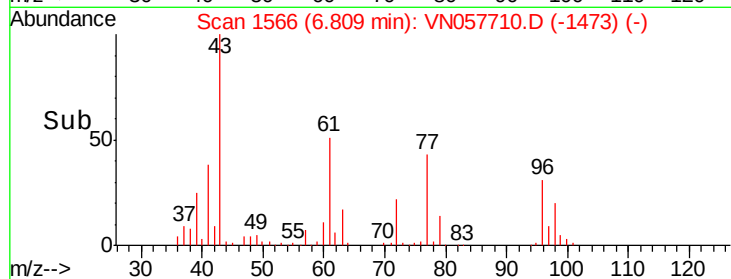
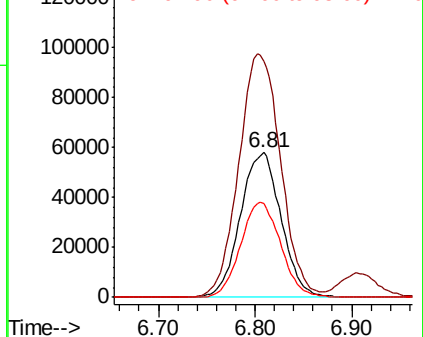
98 64.7 0.0 130.6



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: 51.172 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

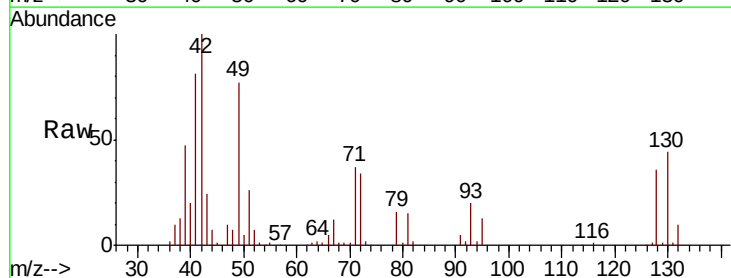
Tgt Ion: 49 Resp: 162513

Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.4

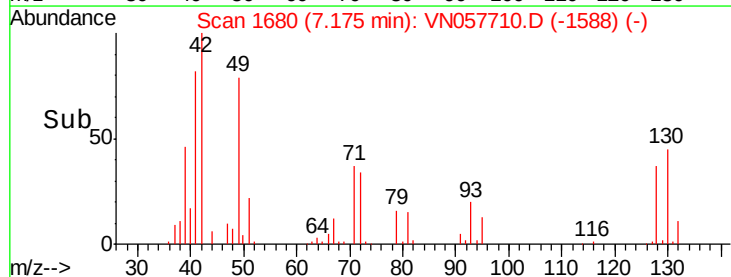
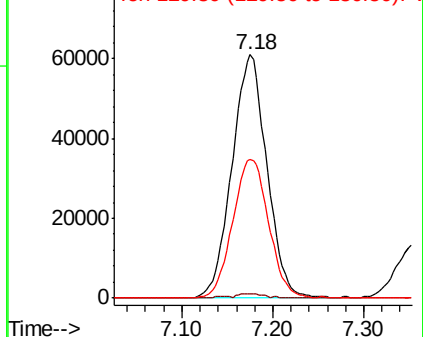
130 58.5 45.8 68.8

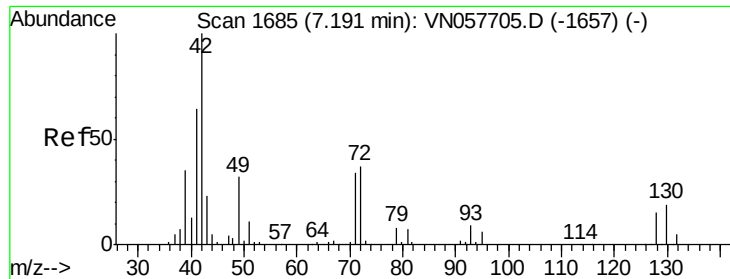


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 253.628 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

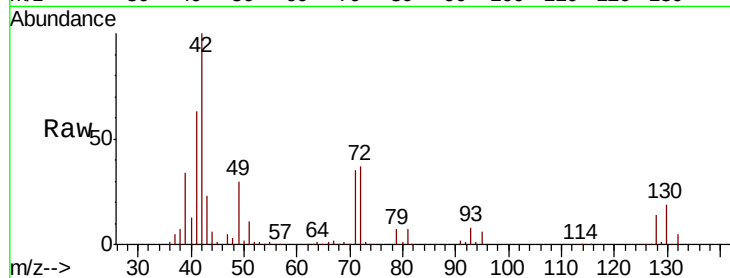
Tgt Ion: 42 Resp: 346490

Ion Ratio Lower Upper

42 100

72 36.9 29.2 43.8

71 35.2 27.0 40.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

150000

100000

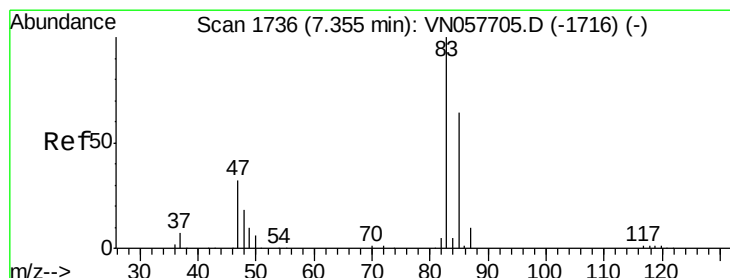
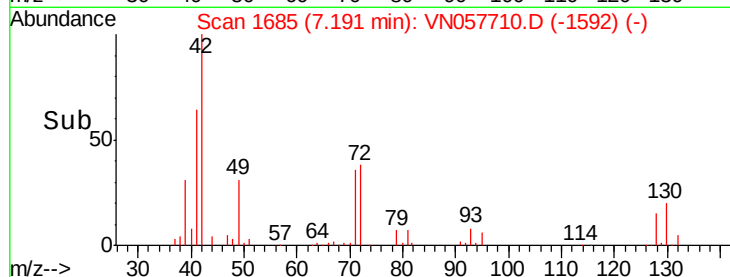
50000

0

7.19

7.10 7.20 7.30

Time-->



#30

Chloroform

Concen: 51.166 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN057710.D

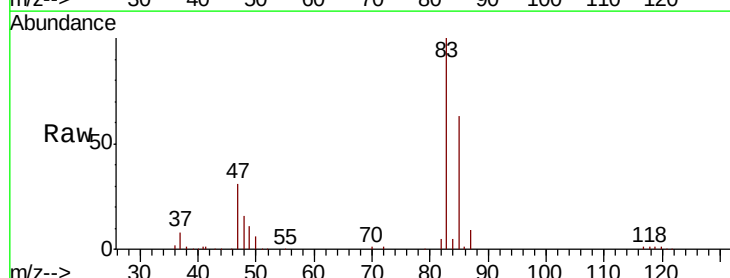
Acq: 6 Sep 2019 14:23

Tgt Ion: 83 Resp: 323612

Ion Ratio Lower Upper

83 100

85 63.3 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

100000

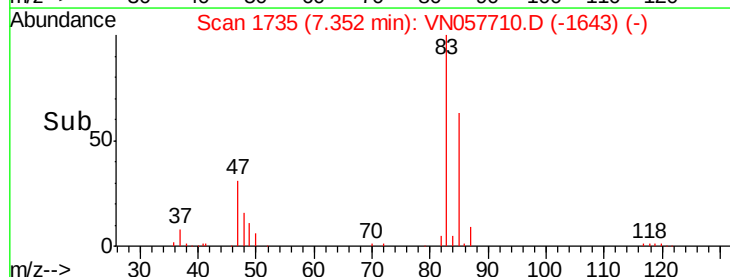
50000

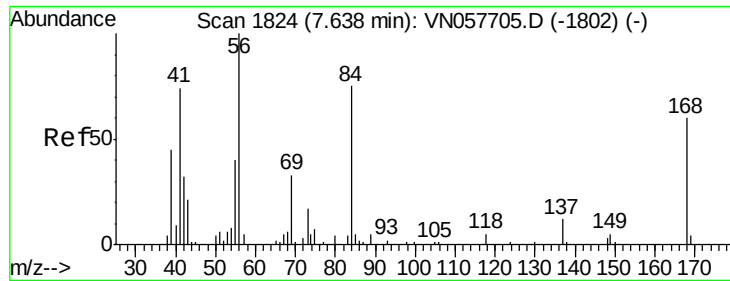
0

7.35

7.20 7.30 7.40 7.50

Time-->

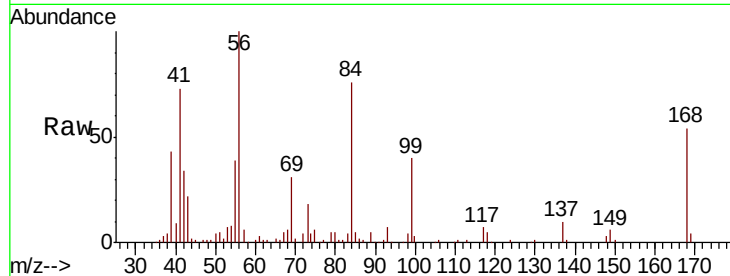




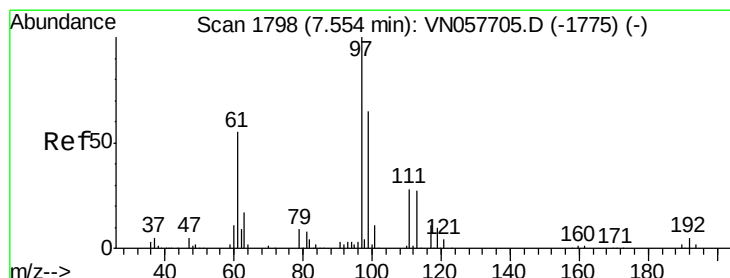
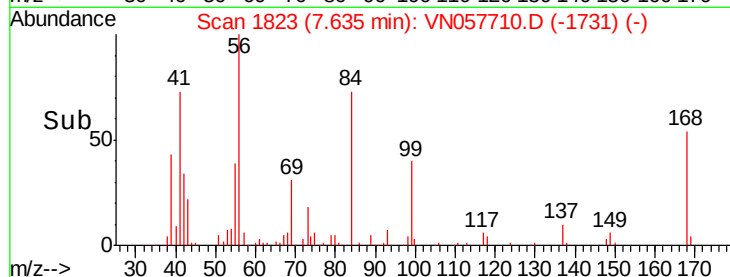
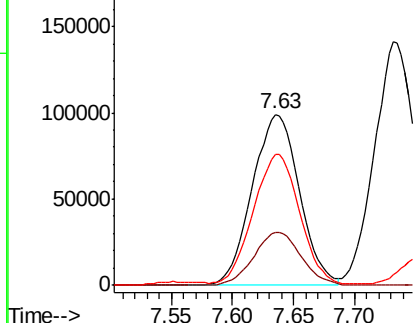
#31
Cyclohexane
Concen: 49.385 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 266442
Ion Ratio Lower Upper
56 100
69 31.0 26.2 39.2
84 74.7 59.8 89.8

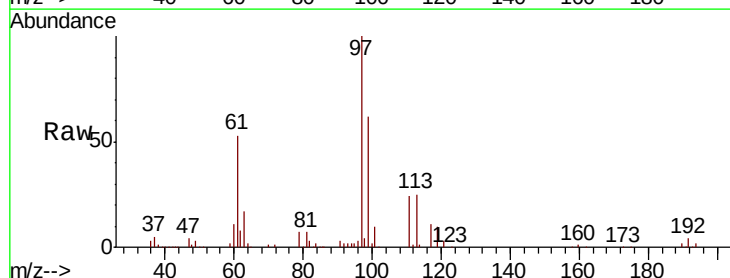


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

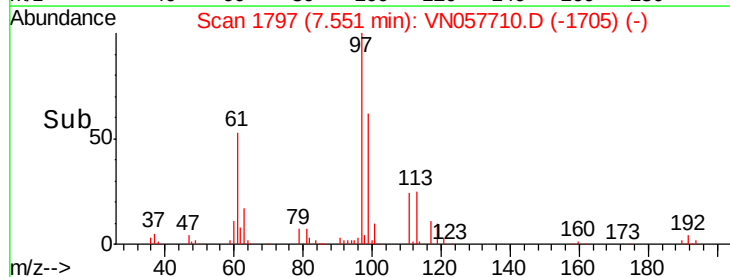
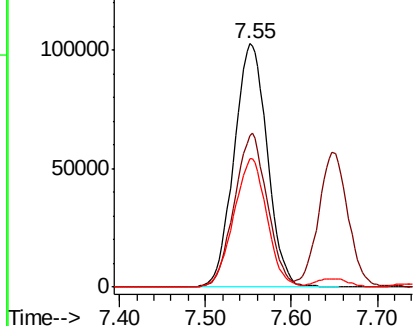


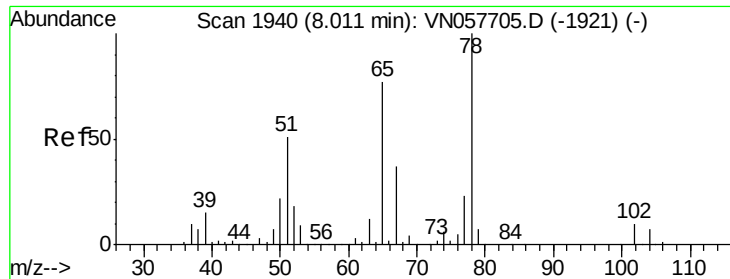
#32
1,1,1-Trichloroethane
Concen: 52.263 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 97 Resp: 275334
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 52.6 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

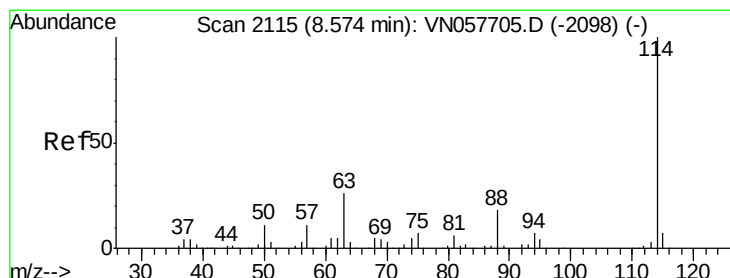
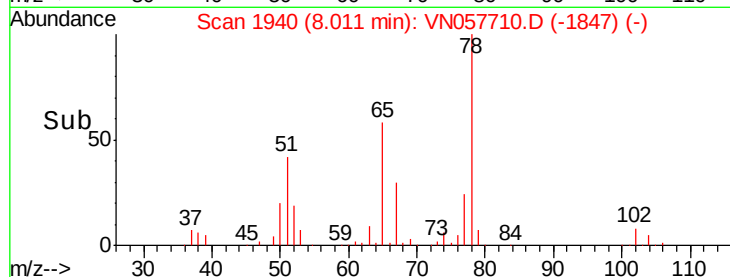
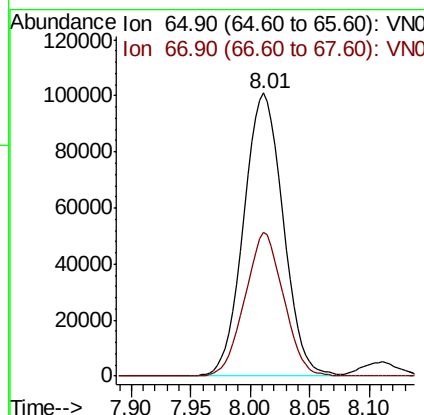
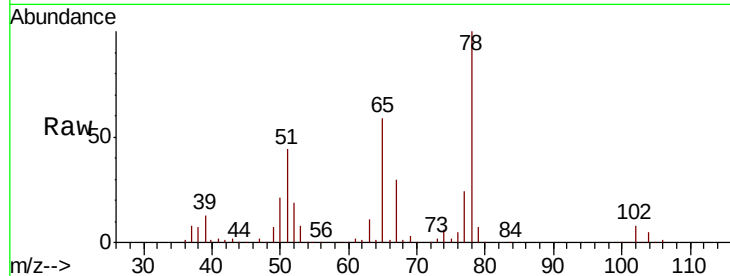




#33
 1,2-Dichloroethane-d4
 Concen: 48.371 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

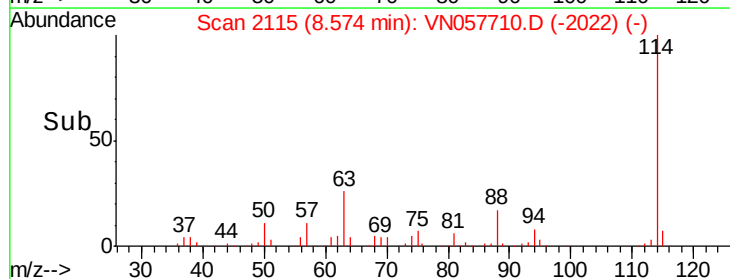
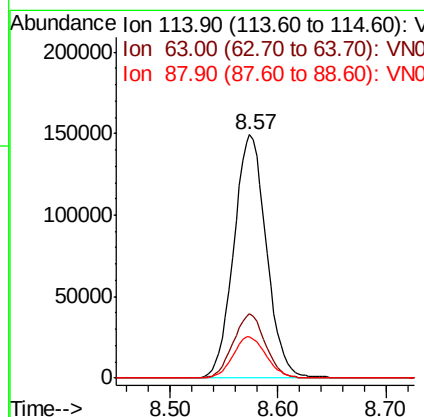
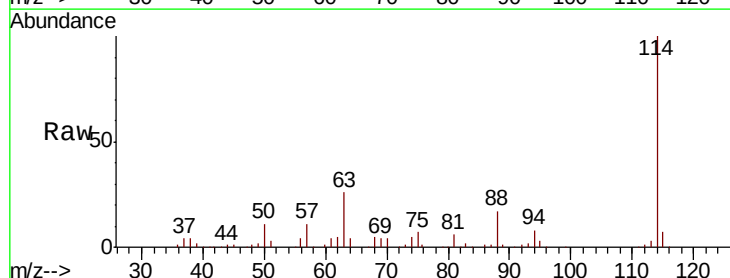
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

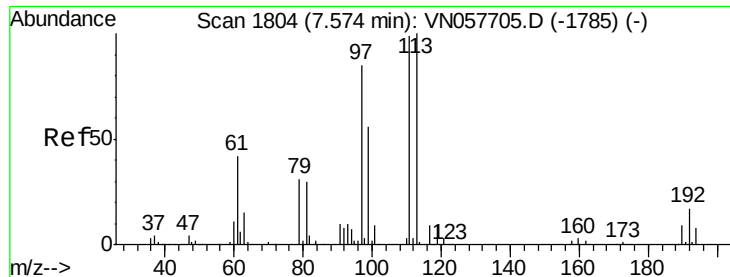
Tgt Ion: 65 Resp: 232508
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 114 Resp: 314819
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 52.4
 88 17.0 0.0 35.4

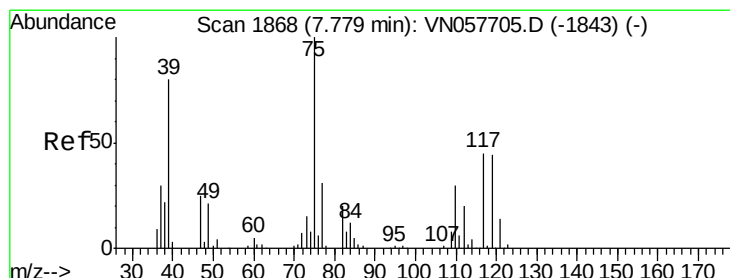
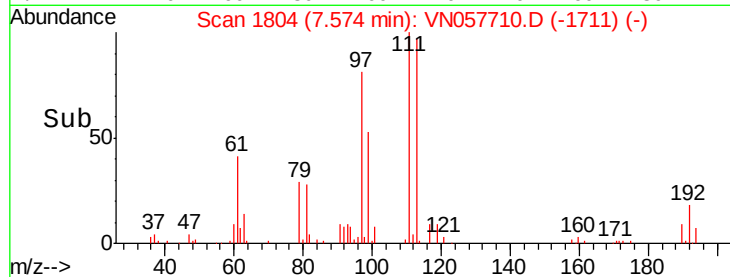
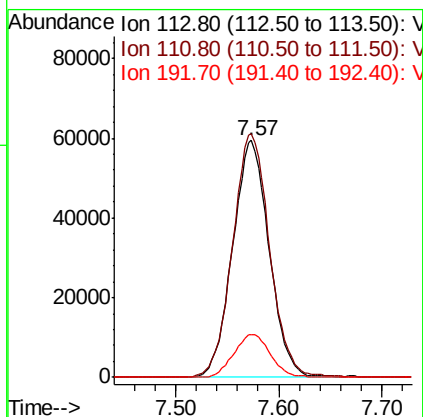
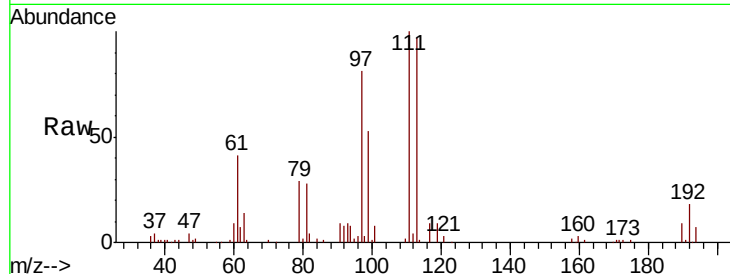




#35
 Dibromofluoromethane
 Concen: 51.048 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

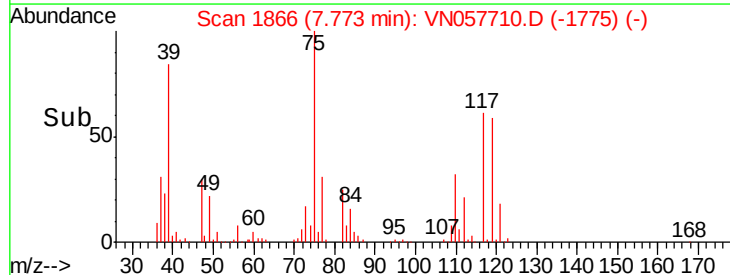
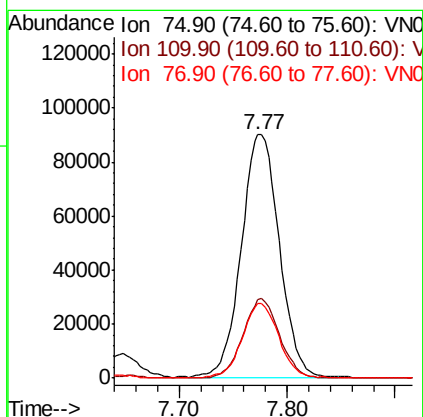
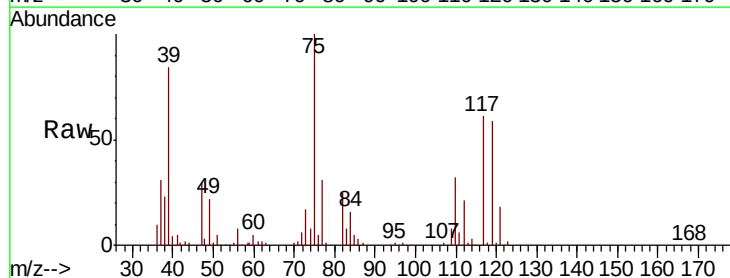
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

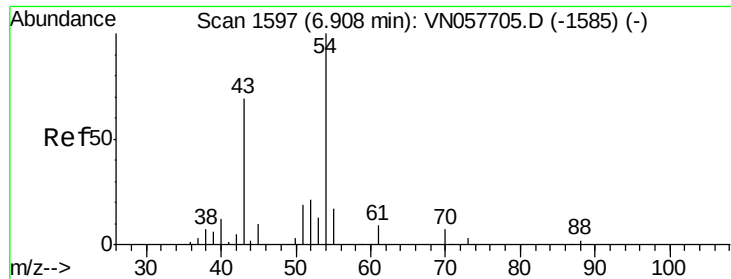
Tgt Ion: 113 Resp: 146381
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.7 124.1
 192 18.0 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 52.373 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 75 Resp: 219349
 Ion Ratio Lower Upper
 75 100
 110 31.5 15.0 45.0
 77 29.9 24.6 37.0

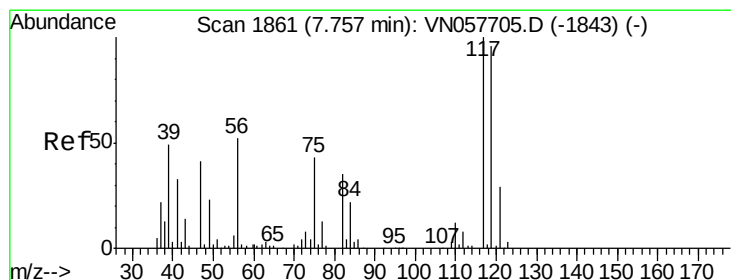
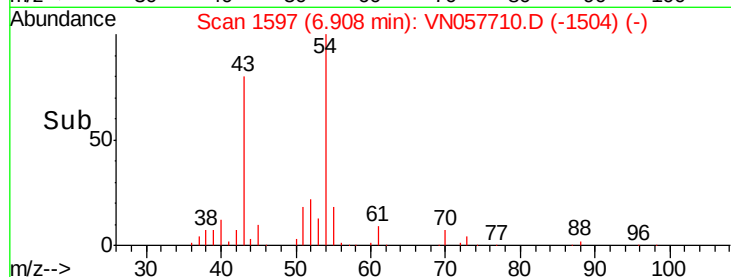
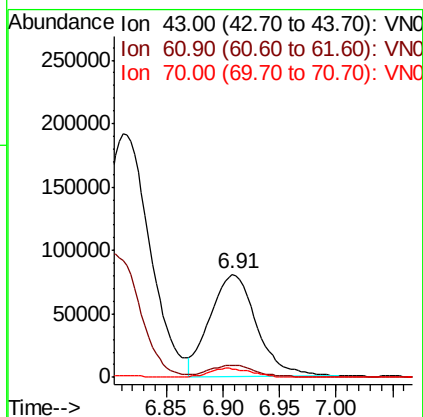
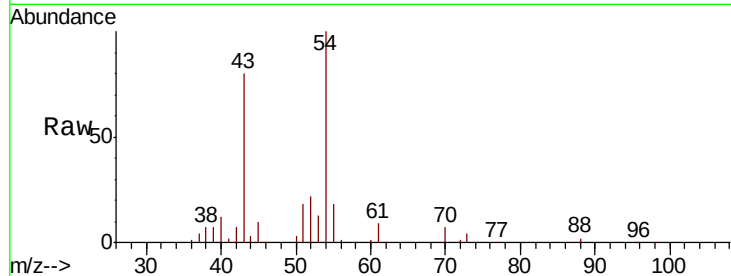




#37
Ethyl Acetate
Concen: 55.137 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

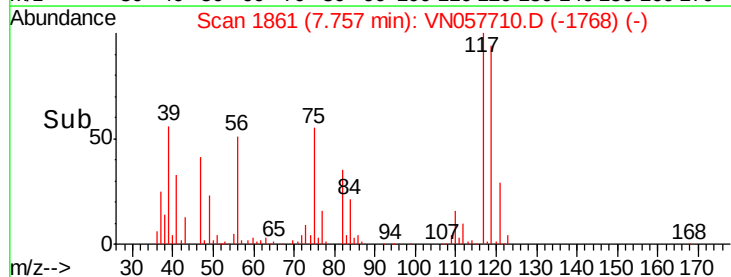
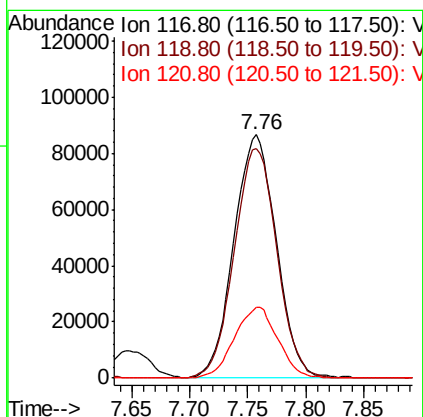
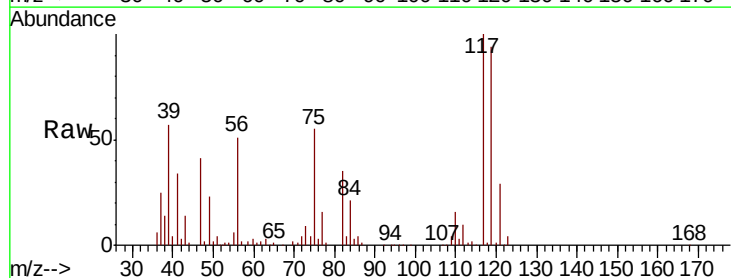
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

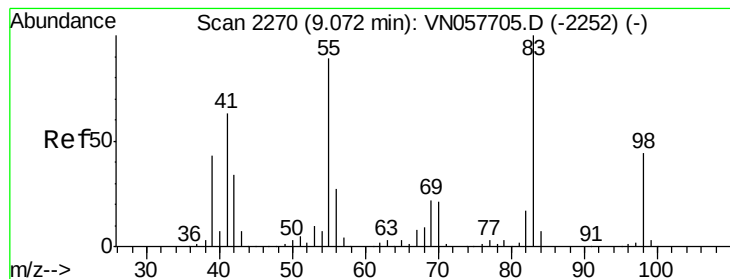
Tgt Ion: 43 Resp: 229256
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.8
70 8.4 6.7 10.1



#38
Carbon Tetrachloride
Concen: 54.535 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 117 Resp: 218700
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1
121 29.0 23.4 35.2





#39

Methylcyclohexane

Concen: 54.732 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

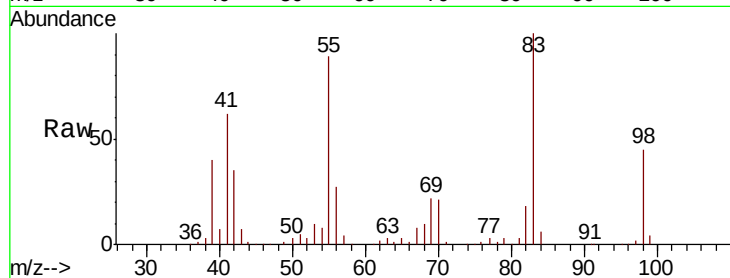
Tgt Ion: 83 Resp: 242461

Ion Ratio Lower Upper

83 100

55 89.5 71.4 107.0

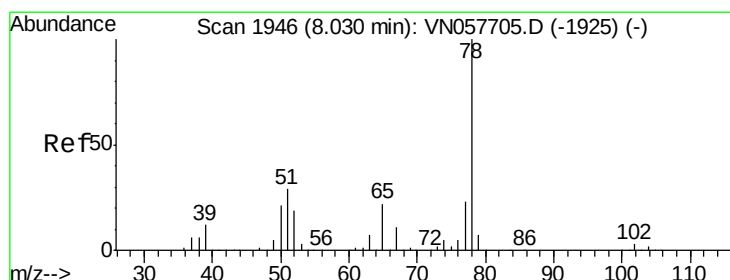
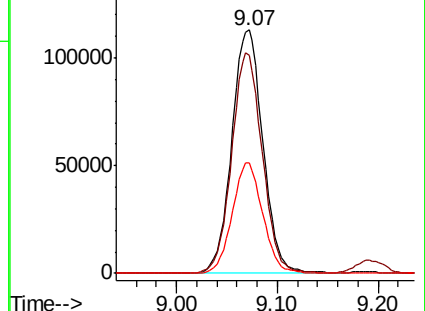
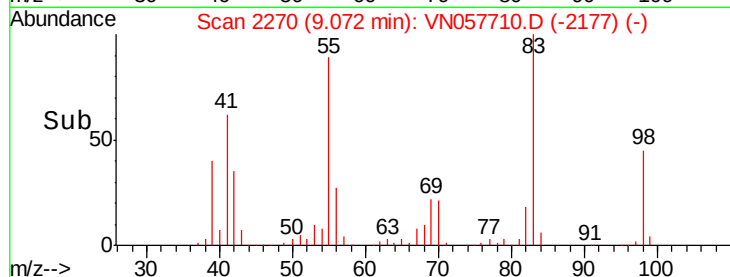
98 45.3 35.3 52.9



Abundance Ion 83.00 (82.70 to 83.70): VN057710.D (-2177) (-)

Ion 55.00 (54.70 to 55.70): VN057710.D (-2177) (-)

Ion 98.00 (97.70 to 98.70): VN057710.D (-2177) (-)



#40

Benzene

Concen: 53.527 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN057710.D

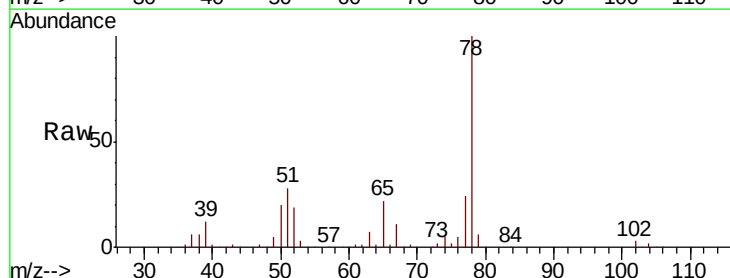
Acq: 6 Sep 2019 14:23

Tgt Ion: 78 Resp: 634096

Ion Ratio Lower Upper

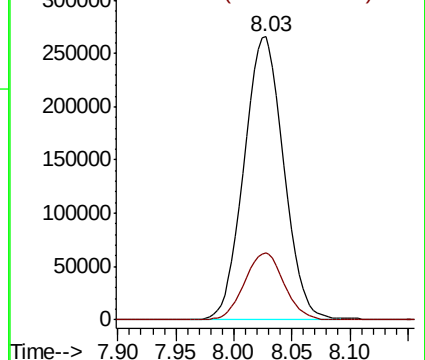
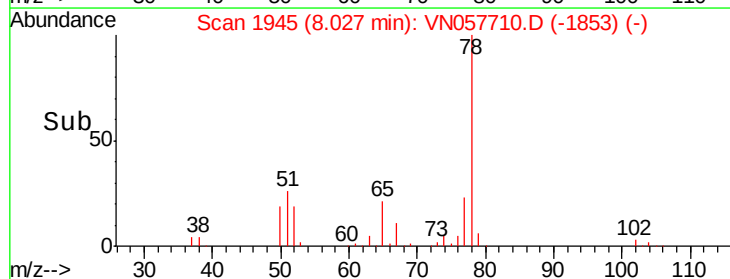
78 100

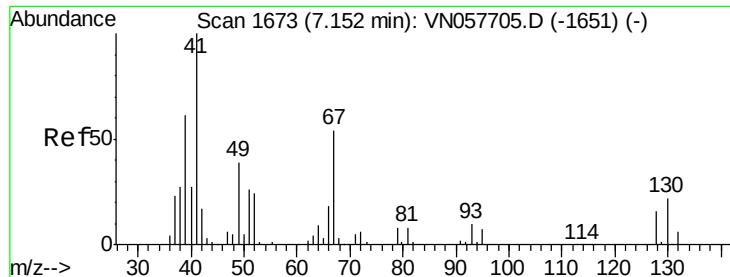
77 23.6 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN057710.D (-1853) (-)

Ion 77.00 (76.70 to 77.70): VN057710.D (-1853) (-)

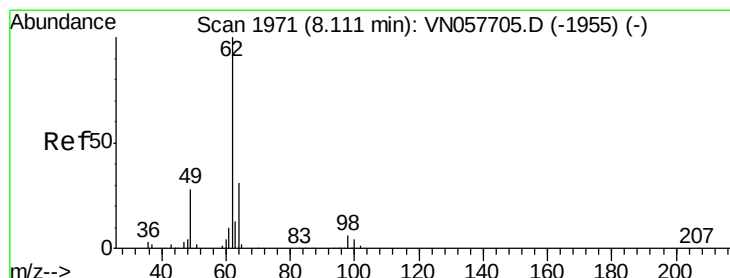
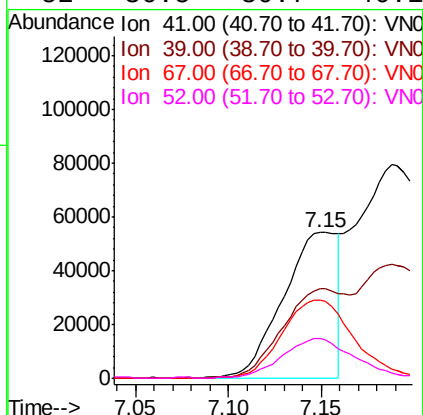
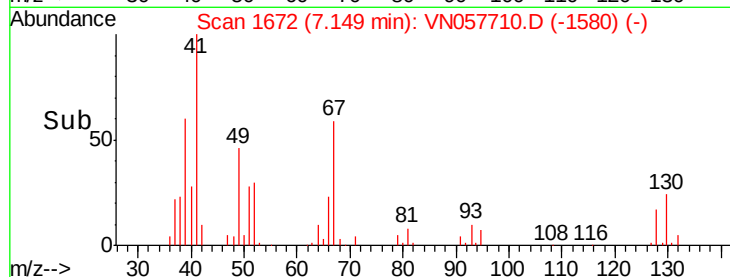
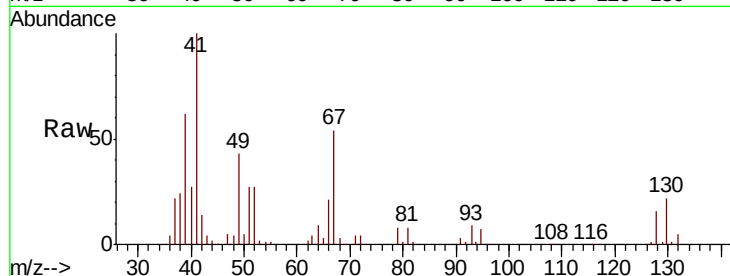




#41
Methacrylonitrile
Concen: 54.627 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

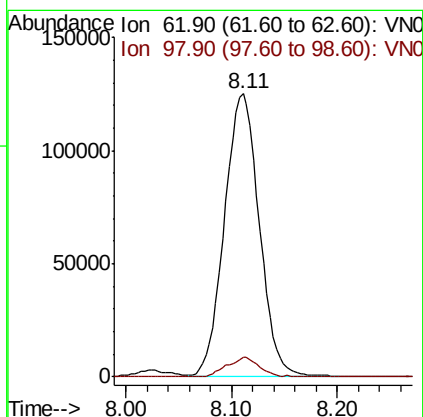
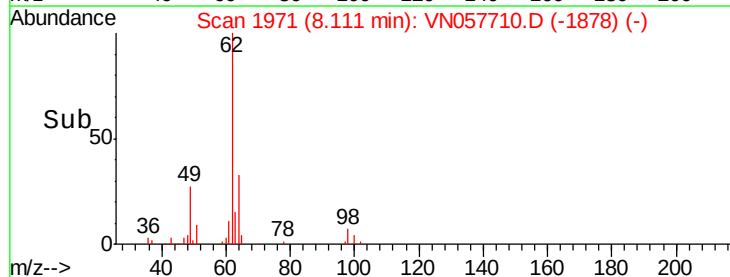
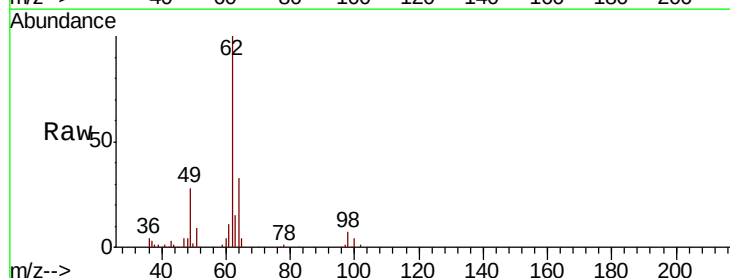
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

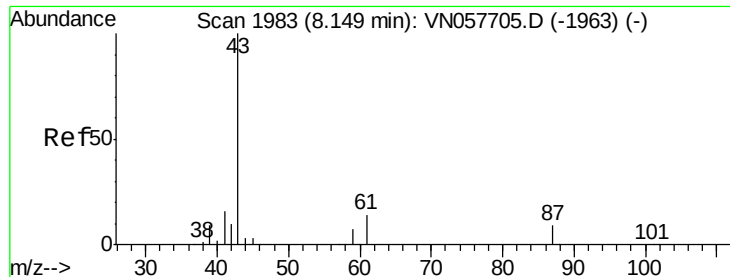
Tgt Ion: 41 Resp: 111028
Ion Ratio Lower Upper
41 100
39 71.2 43.6 65.4#
67 71.2 59.8 89.6
52 36.5 30.7 46.1



#42
1,2-Dichloroethane
Concen: 51.526 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 62 Resp: 286109
Ion Ratio Lower Upper
62 100
98 6.5 0.0 12.6





#43

Isopropyl Acetate

Concen: 52.652 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

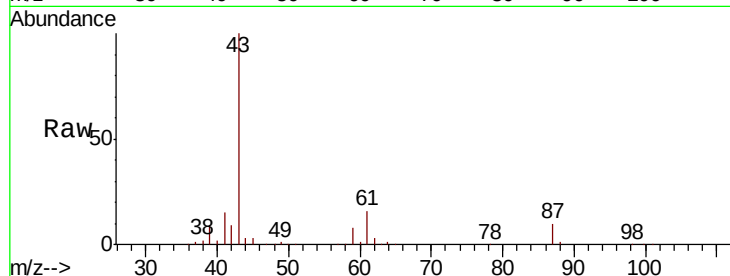
Tgt Ion: 43 Resp: 420210

Ion Ratio Lower Upper

43 100

61 16.9 12.8 19.2

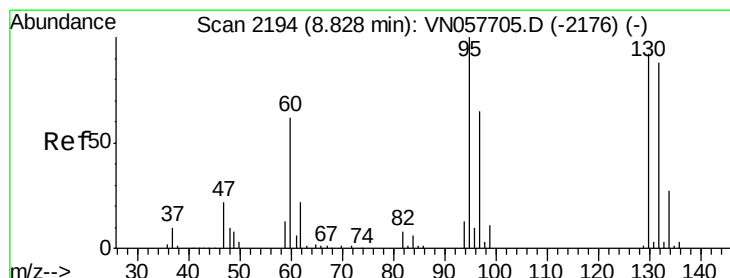
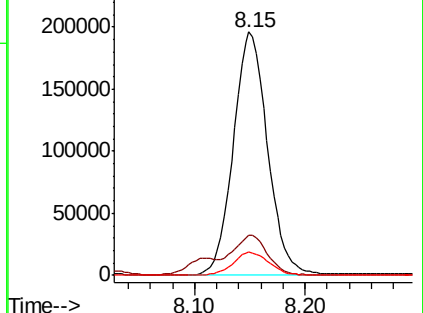
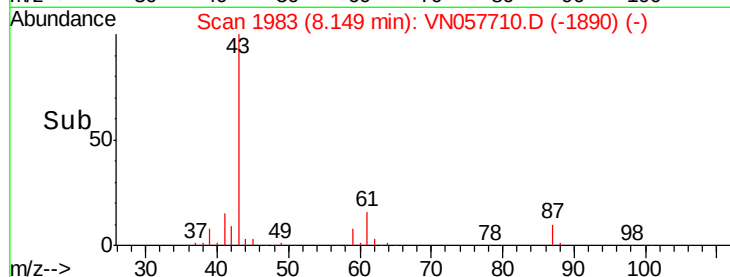
87 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057710.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN057710.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN057710.D (-1890) (-)



#44

Trichloroethene

Concen: 56.060 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057710.D

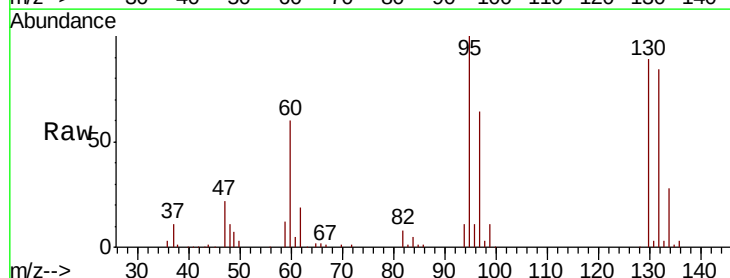
Acq: 6 Sep 2019 14:23

Tgt Ion: 130 Resp: 149256

Ion Ratio Lower Upper

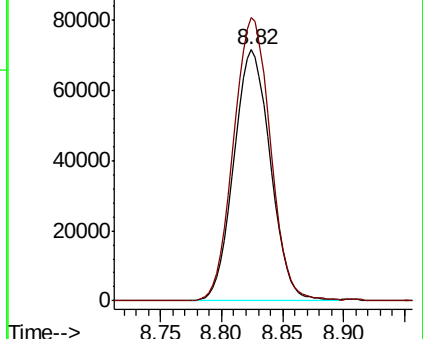
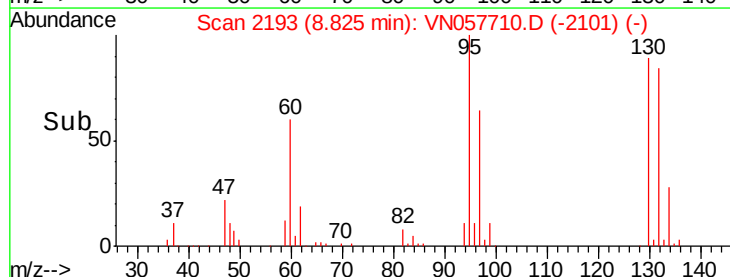
130 100

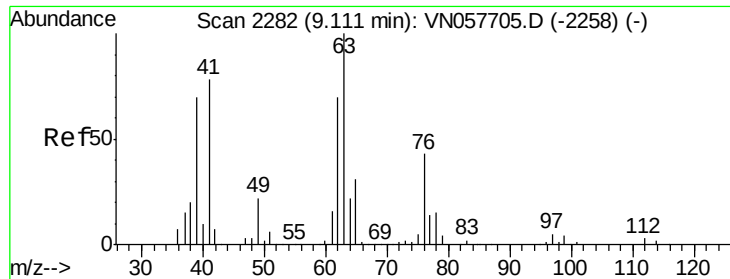
95 112.7 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057710.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN057710.D (-2101) (-)

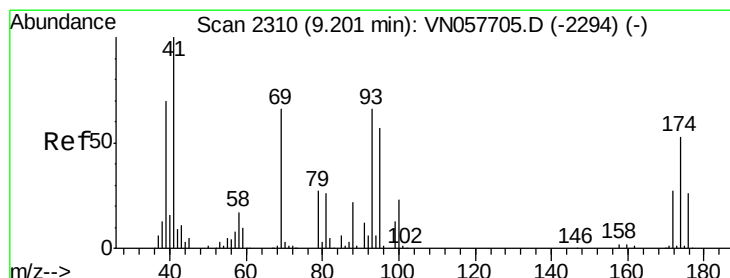
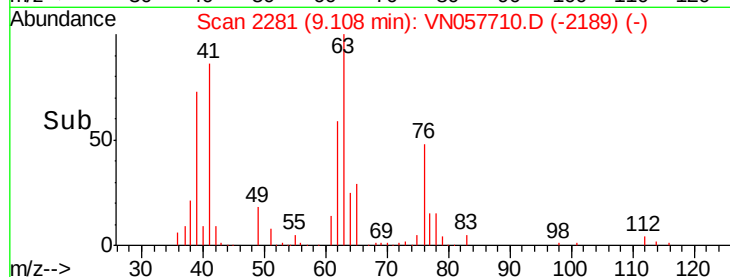
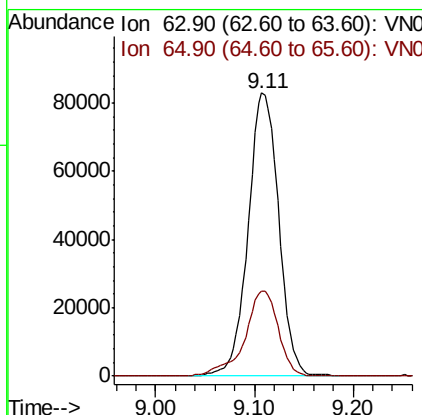
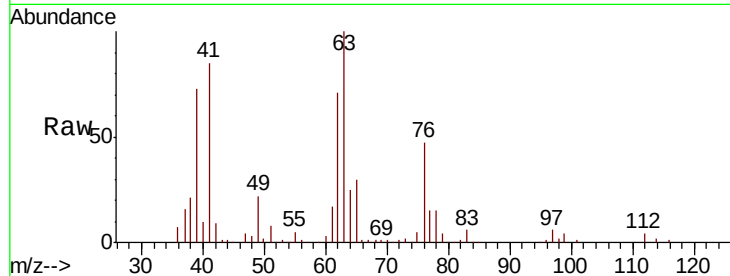




#45
 1,2-Dichloropropane
 Concen: 53.528 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

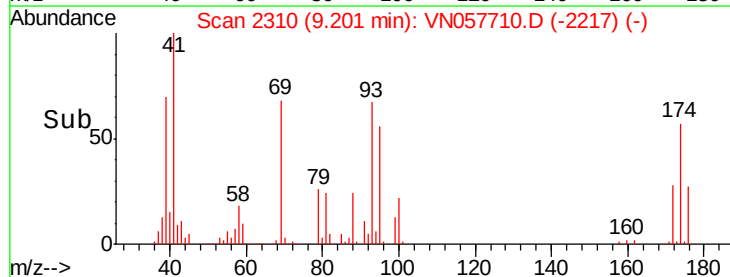
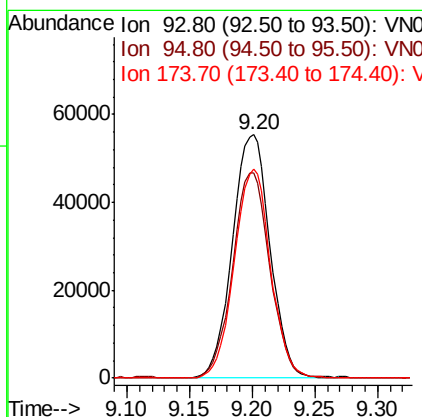
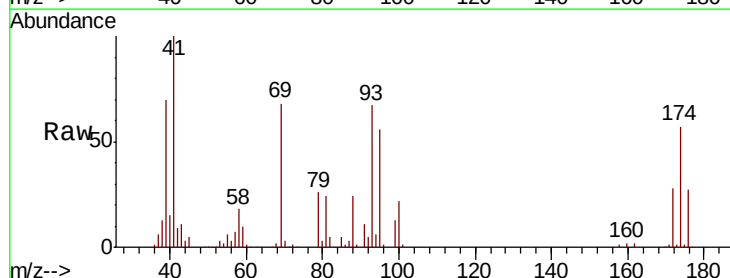
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

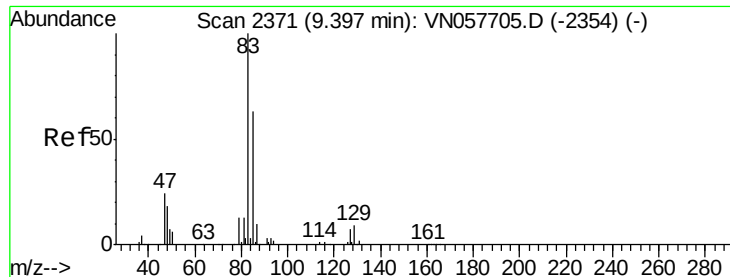
Tgt Ion: 63 Resp: 177347
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.5 36.7



#46
 Dibromomethane
 Concen: 54.527 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 93 Resp: 115882
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.1 99.1
 174 82.6 63.4 95.2





#47

Bromodichloromethane

Concen: 54.856 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

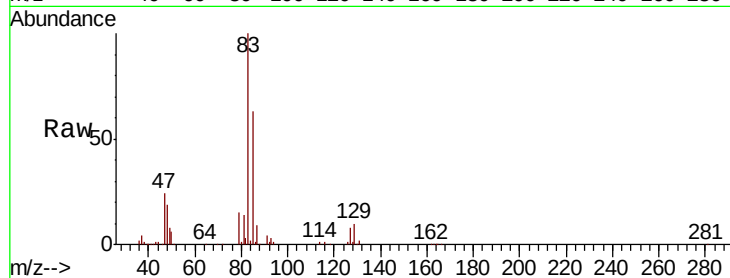
Tgt Ion: 83 Resp: 247763

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

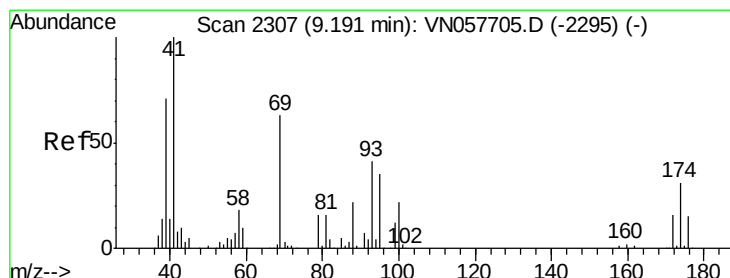
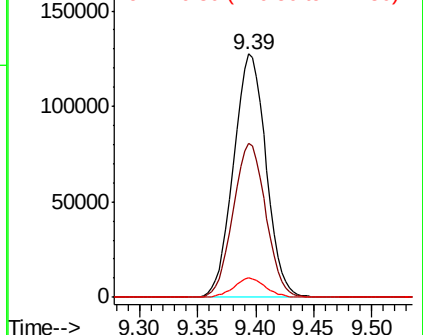
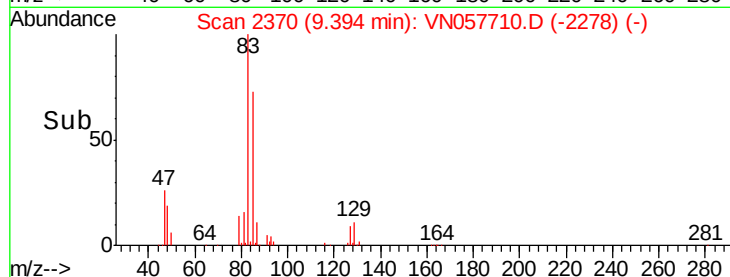
127 7.8 5.6 8.4



Abundance Ion 82.90 (82.60 to 83.60): VN057710.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057710.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057710.D (-2278) (-)



#48

Methyl methacrylate

Concen: 51.190 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

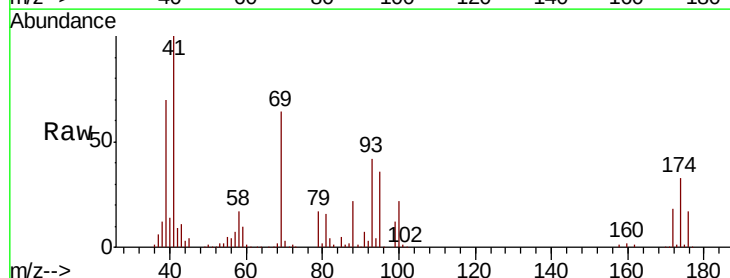
Tgt Ion: 41 Resp: 210109

Ion Ratio Lower Upper

41 100

69 65.1 51.2 76.8

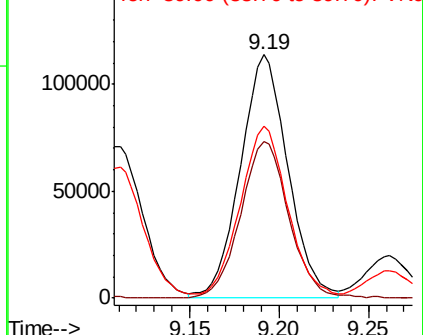
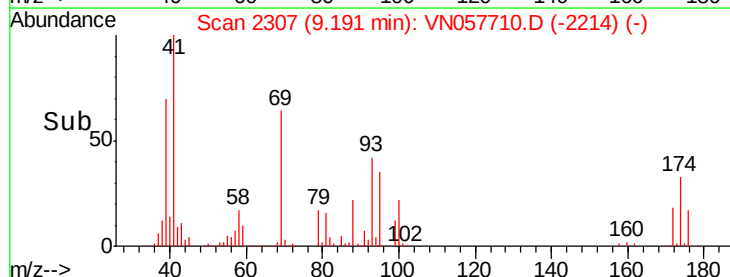
39 71.4 57.3 85.9

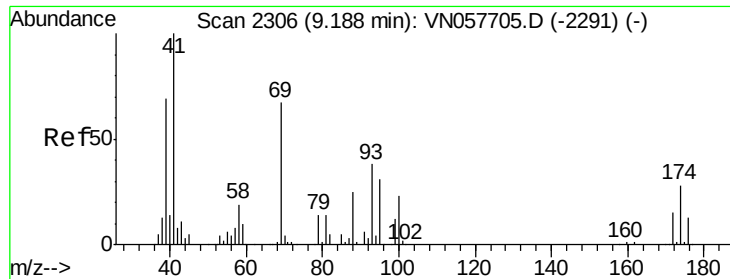


Abundance Ion 41.00 (40.70 to 41.70): VN057710.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN057710.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN057710.D (-2214) (-)

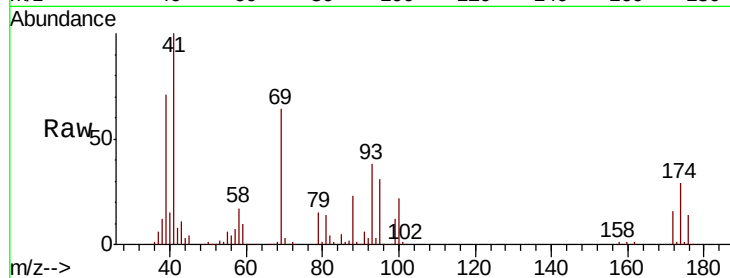




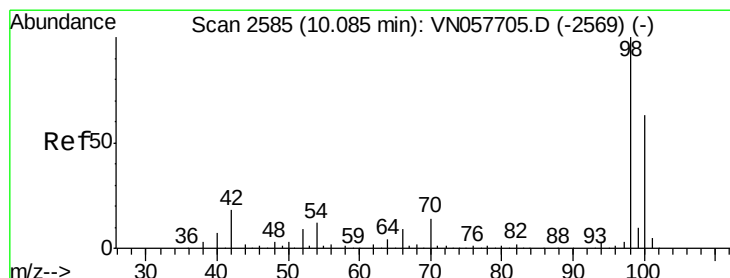
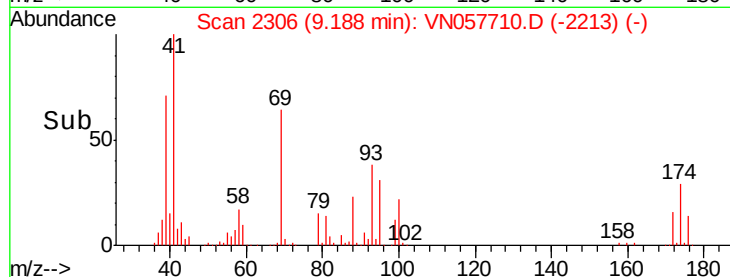
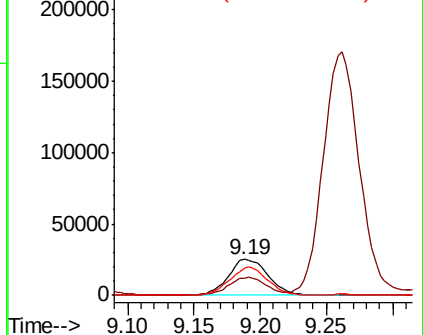
#49
1,4-Dioxane
Concen: 1106.162 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 52827
Ion Ratio Lower Upper
88 100
43 45.0 35.4 53.2
58 74.9 61.5 92.3

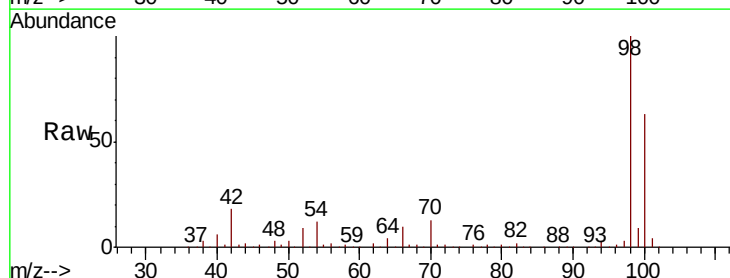


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

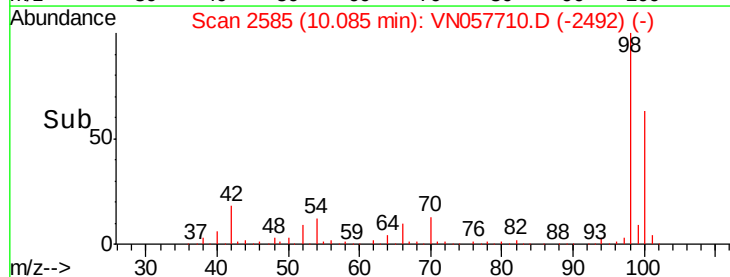
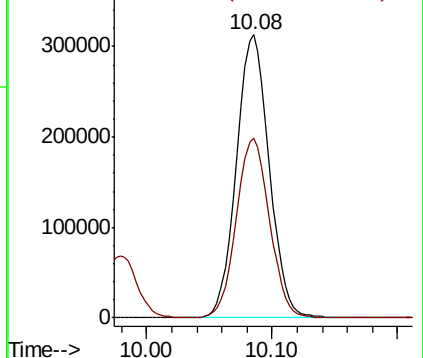


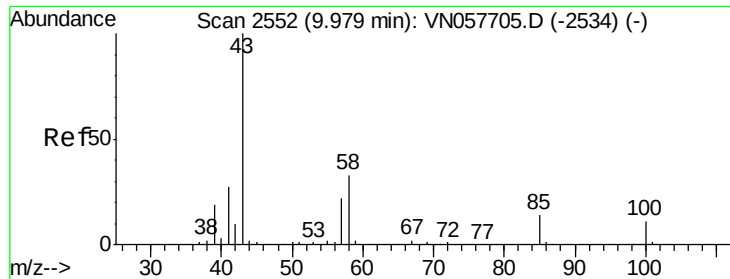
#50
Toluene-d8
Concen: 53.717 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 98 Resp: 569815
Ion Ratio Lower Upper
98 100
100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 275.158 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

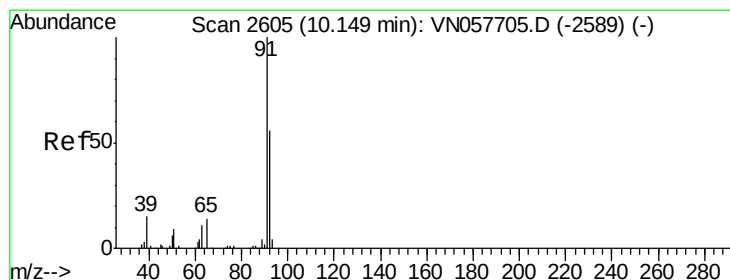
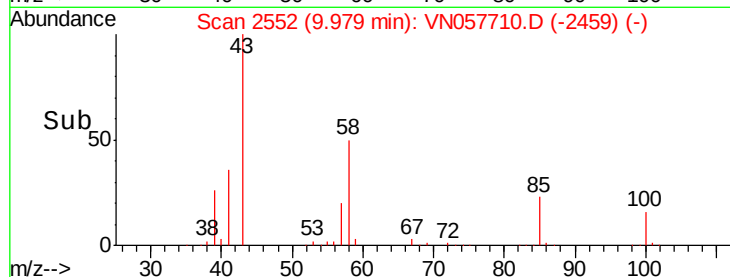
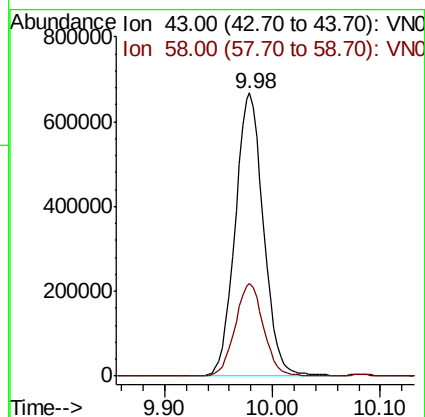
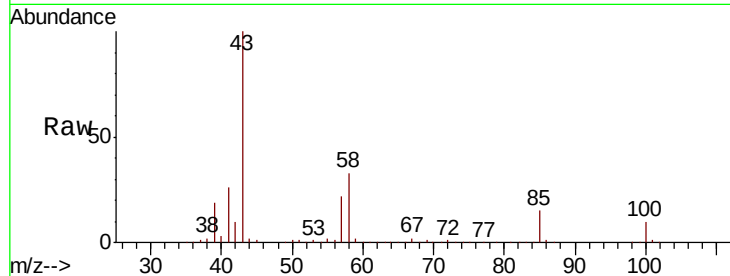
VSTDCCC050

Tgt Ion: 43 Resp: 1219568

Ion Ratio Lower Upper

43 100

58 32.9 25.8 38.8



#52

Toluene

Concen: 54.565 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057710.D

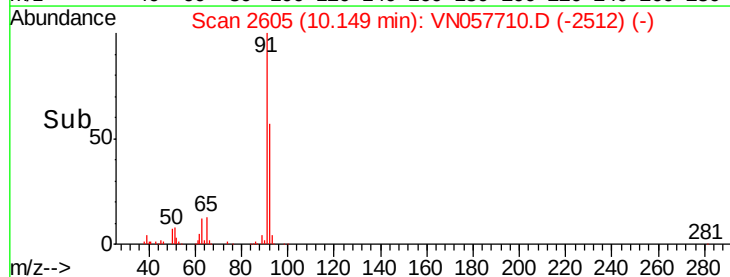
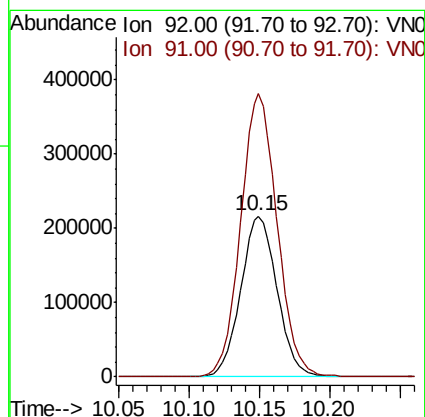
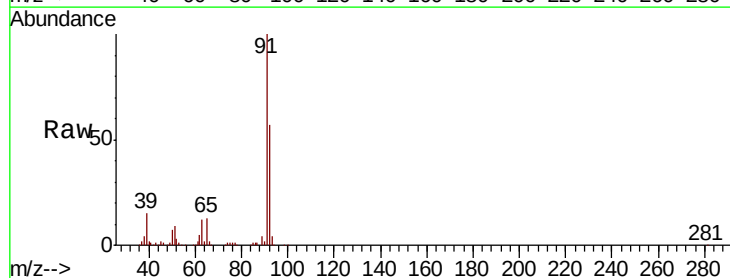
Acq: 6 Sep 2019 14:23

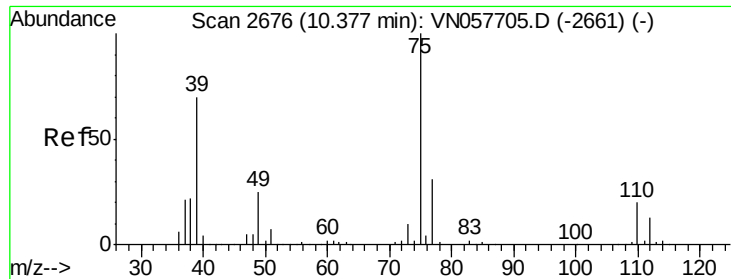
Tgt Ion: 92 Resp: 391770

Ion Ratio Lower Upper

92 100

91 176.4 141.5 212.3

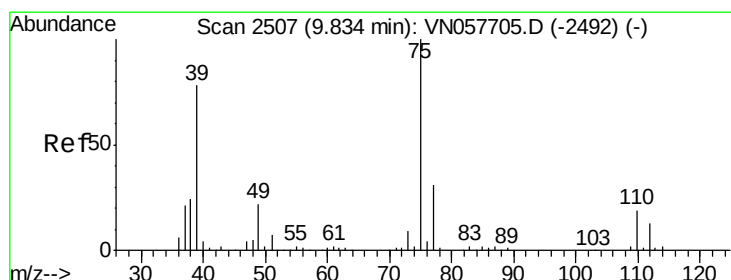
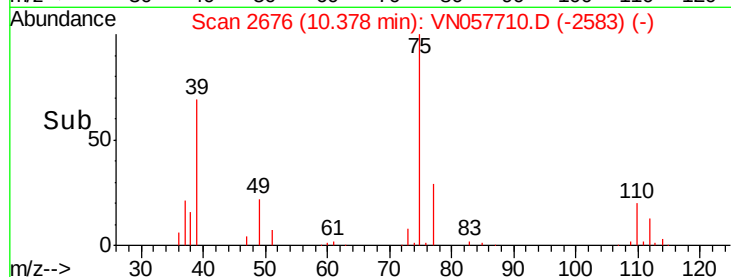
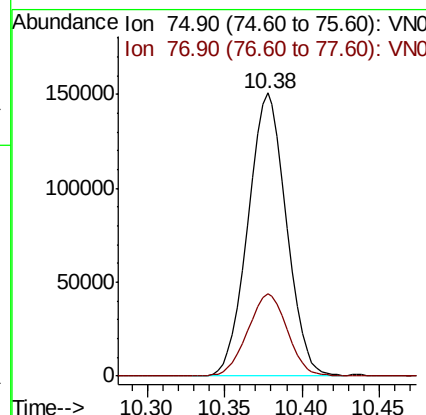
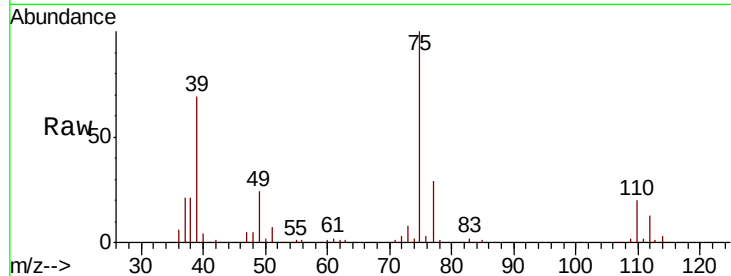




#53
 t-1,3-Dichloropropene
 Concen: 57.537 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

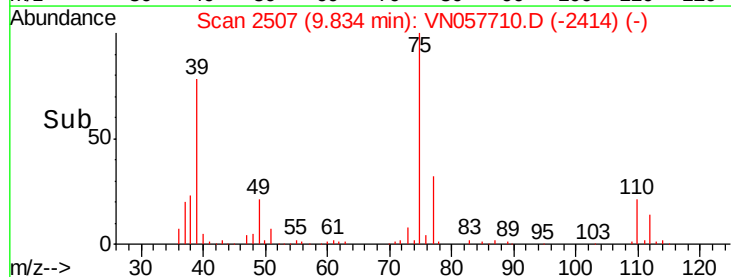
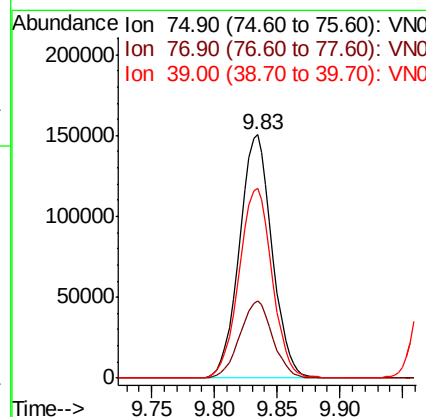
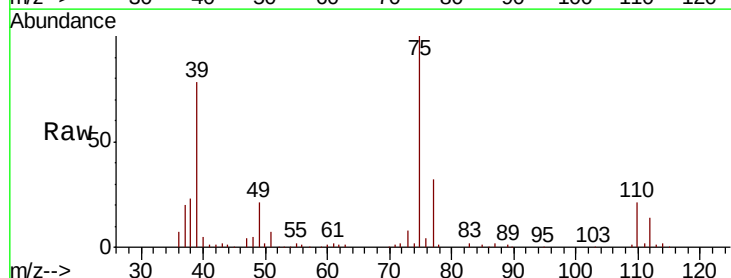
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

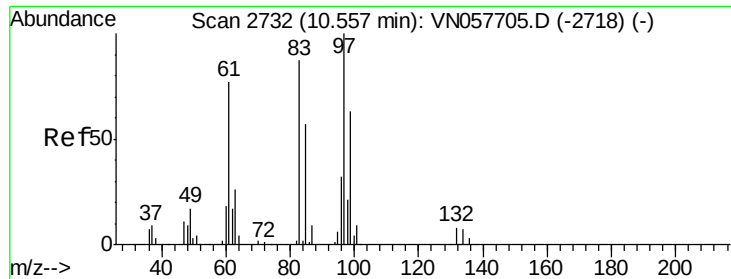
Tgt Ion: 75 Resp: 260713
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.608 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 75 Resp: 272236
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7
 39 77.7 62.4 93.6

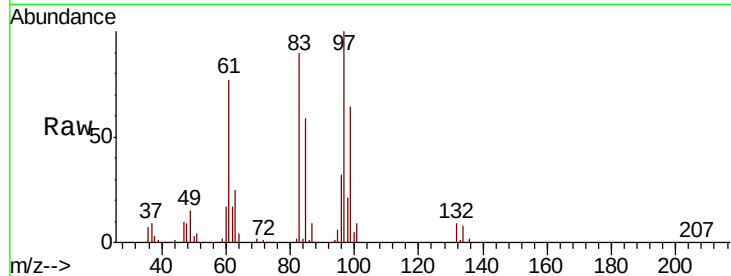




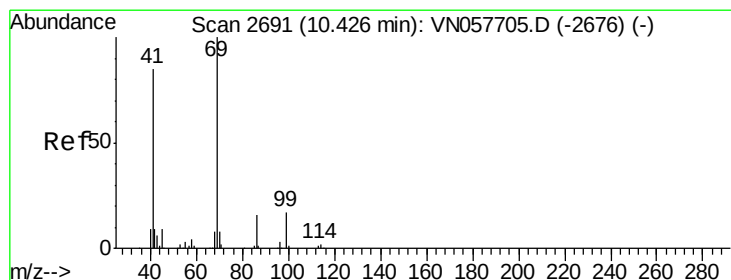
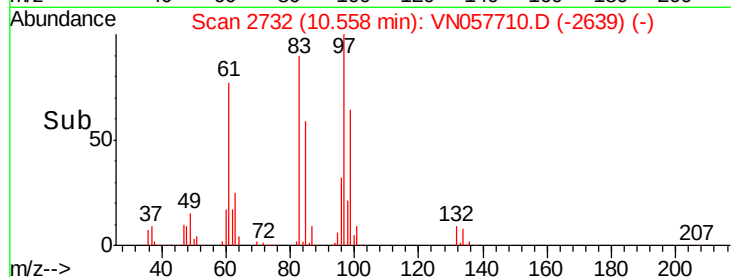
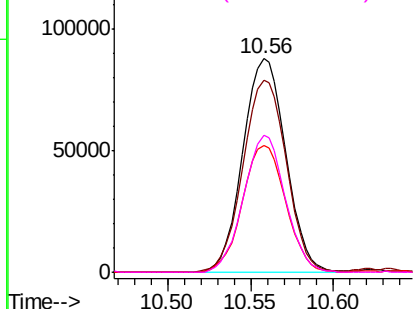
#55
 1,1,2-Trichloroethane
 Concen: 54.922 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 158693
 Ion Ratio Lower Upper
 97 100
 83 89.8 69.5 104.3
 85 59.4 45.7 68.5
 99 64.2 50.2 75.4

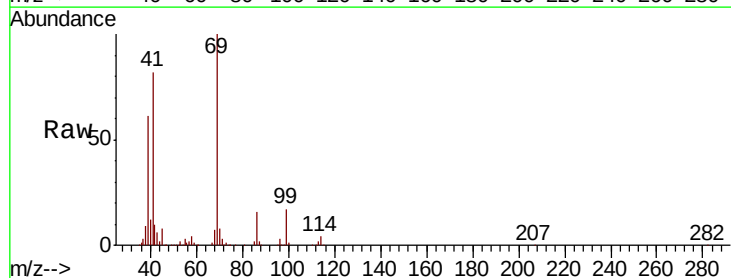


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

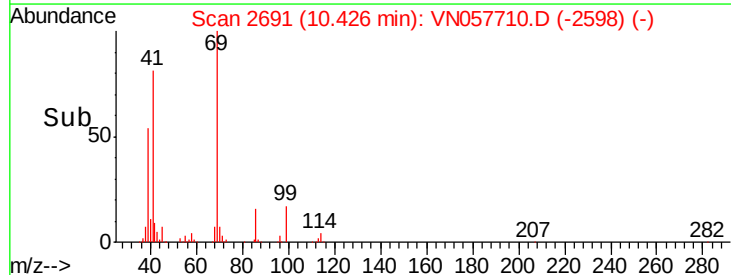
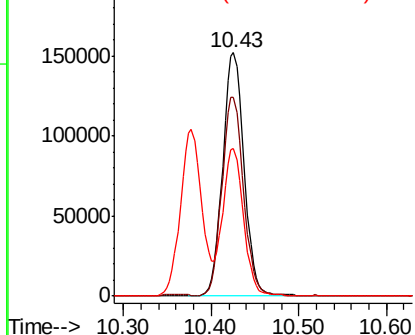


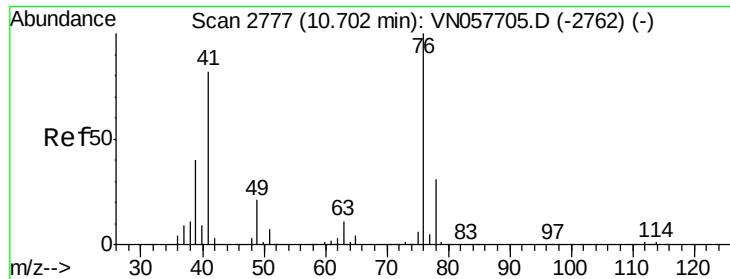
#56
 Ethyl methacrylate
 Concen: 56.271 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 69 Resp: 259517
 Ion Ratio Lower Upper
 69 100
 41 81.6 69.0 103.4
 39 57.9 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

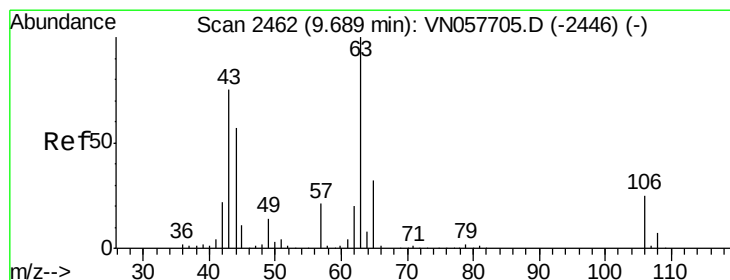
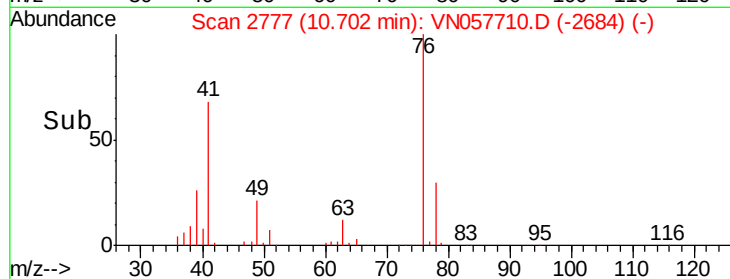
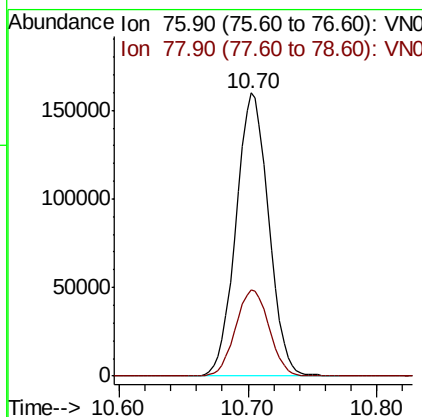
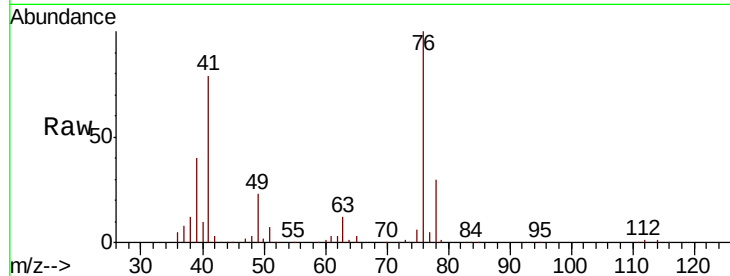




#57
 1,3-Dichloropropane
 Concen: 54.264 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

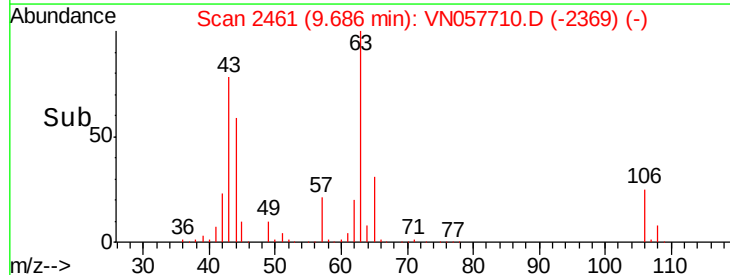
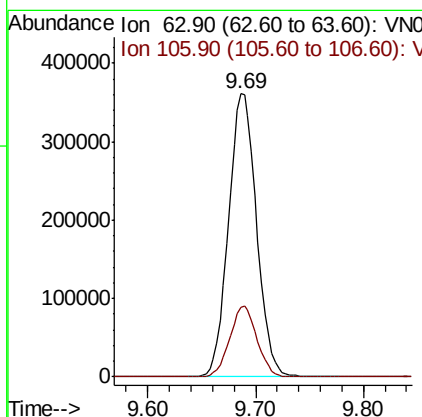
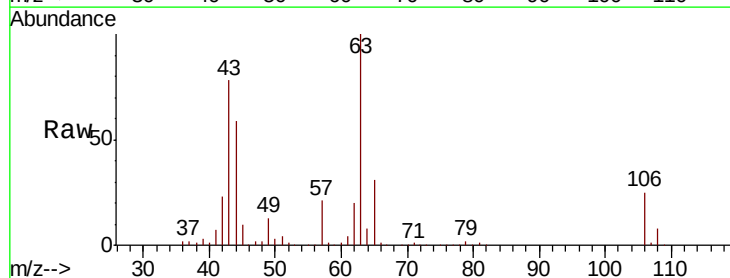
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

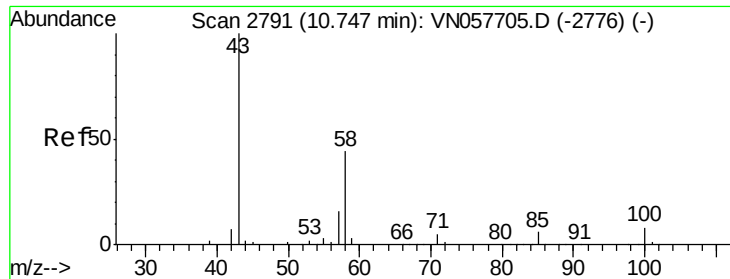
Tgt Ion: 76 Resp: 281650
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 279.931 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 63 Resp: 654981
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.2

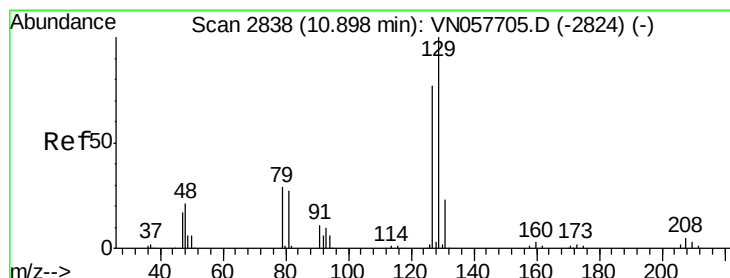
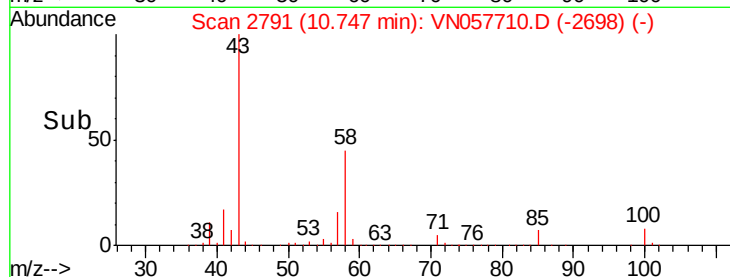
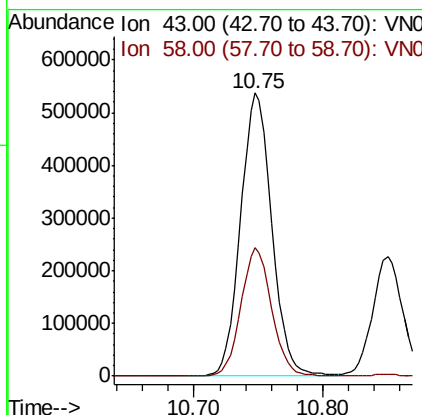
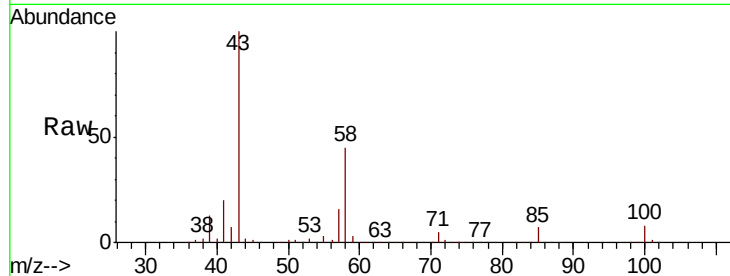




#59
2-Hexanone
Concen: 288.462 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

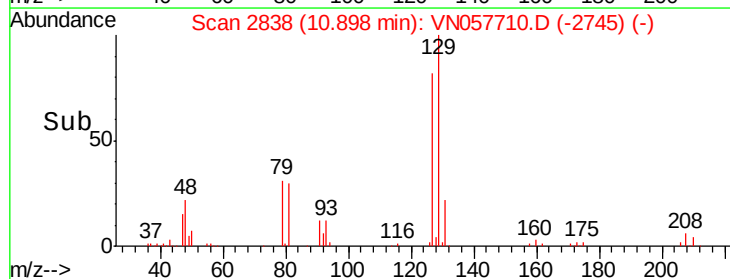
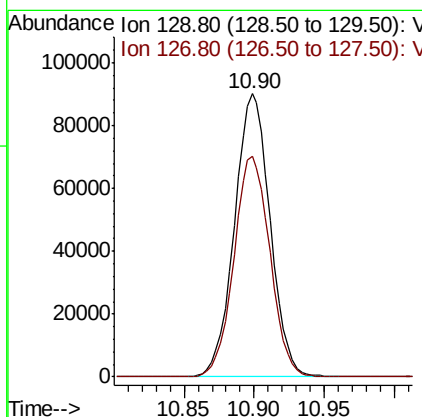
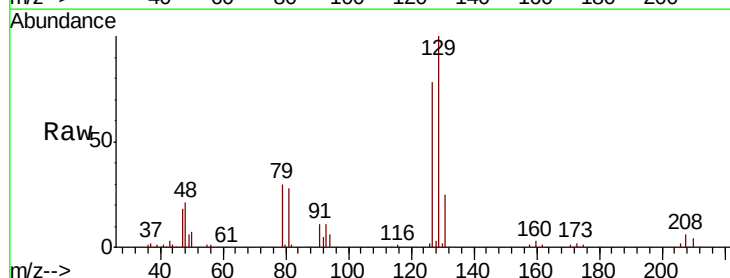
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

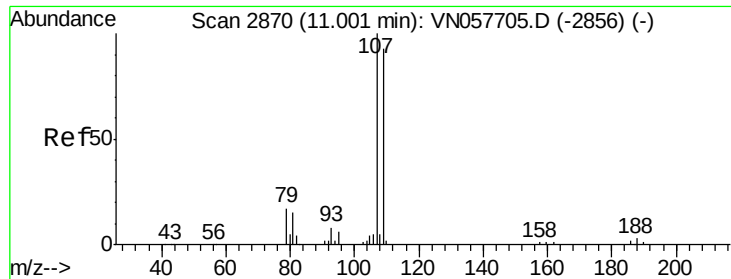
Tgt Ion: 43 Resp: 901569
Ion Ratio Lower Upper
43 100
58 44.6 22.1 66.5



#60
Dibromochloromethane
Concen: 51.151 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 129 Resp: 159509
Ion Ratio Lower Upper
129 100
127 78.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 56.362 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

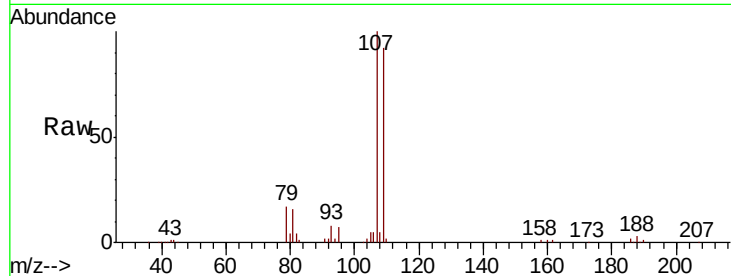
VSTDCCC050

Tgt Ion: 107 Resp: 156344

Ion Ratio Lower Upper

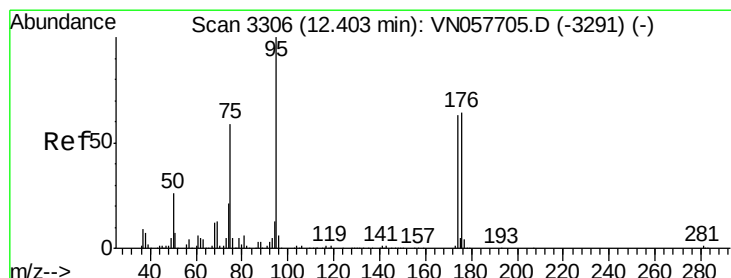
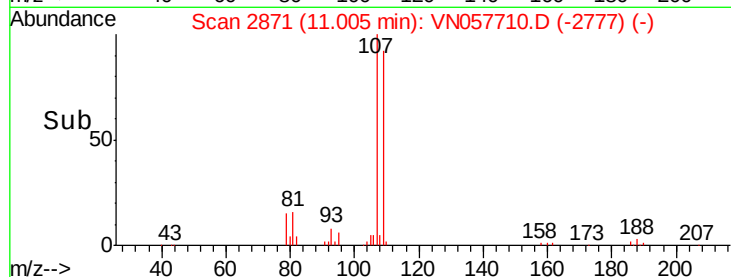
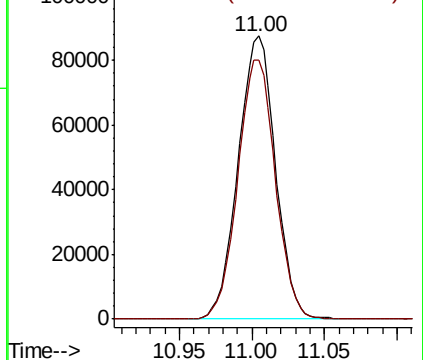
107 100

109 92.1 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: 52.670 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

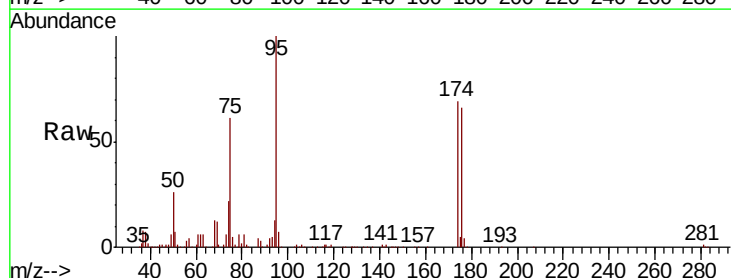
Tgt Ion: 95 Resp: 232061

Ion Ratio Lower Upper

95 100

174 69.1 0.0 128.0

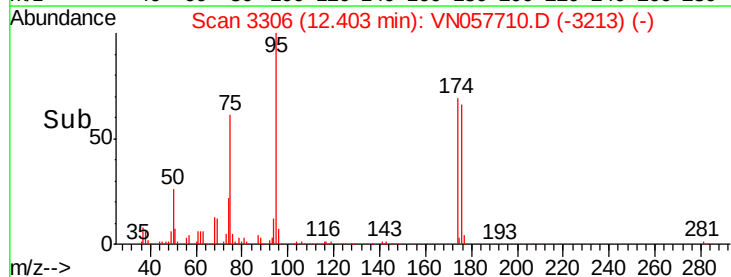
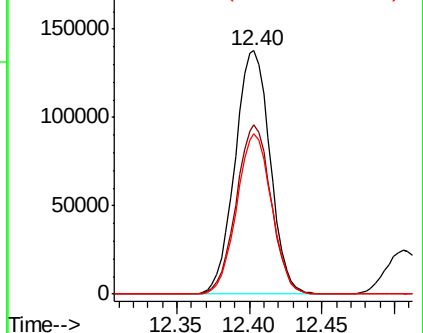
176 65.5 0.0 128.0

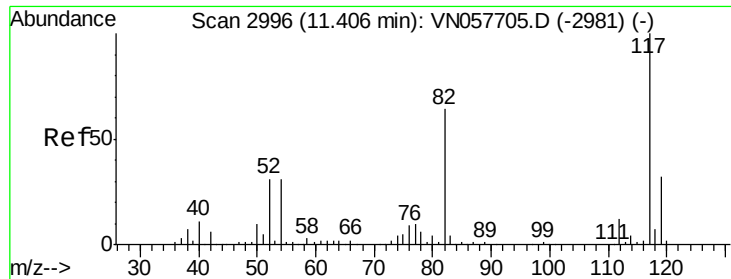


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

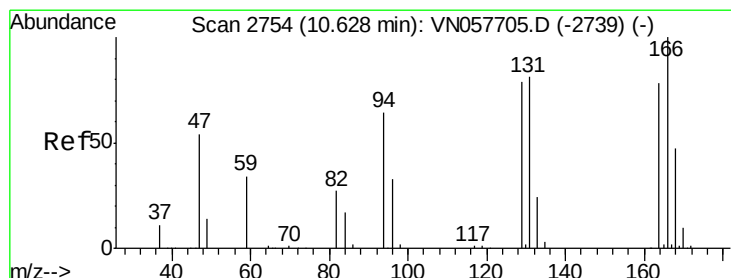
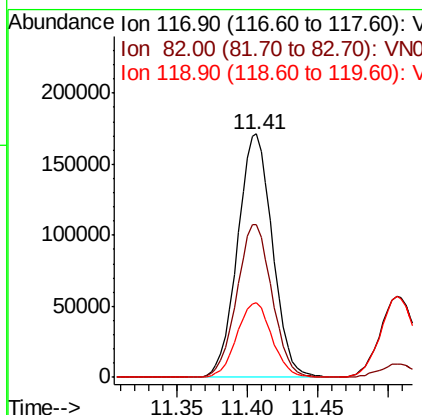
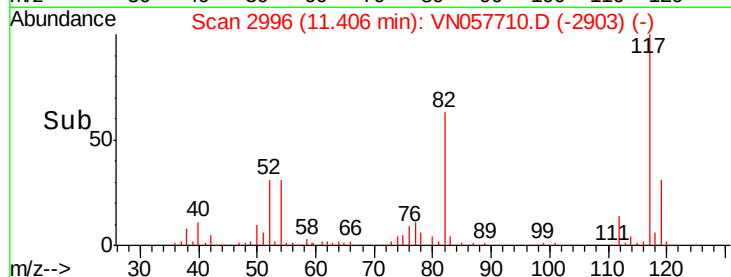
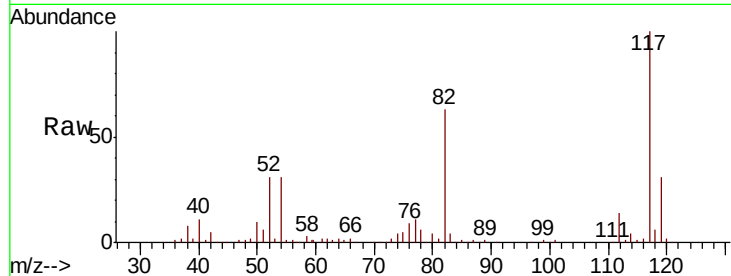




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

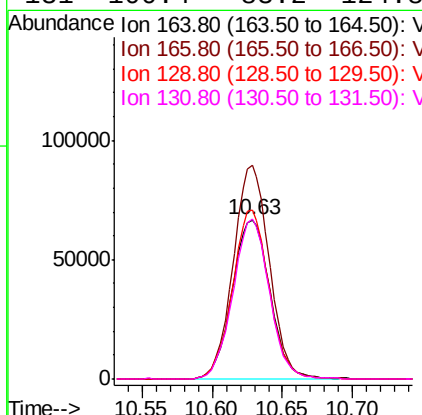
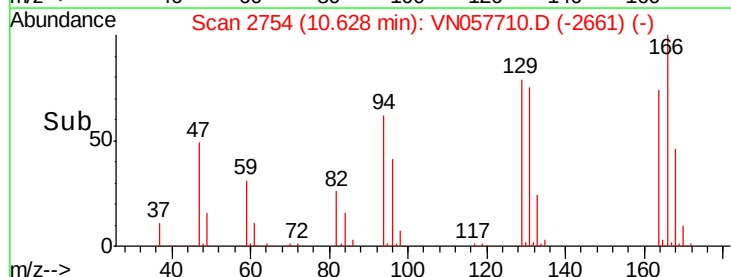
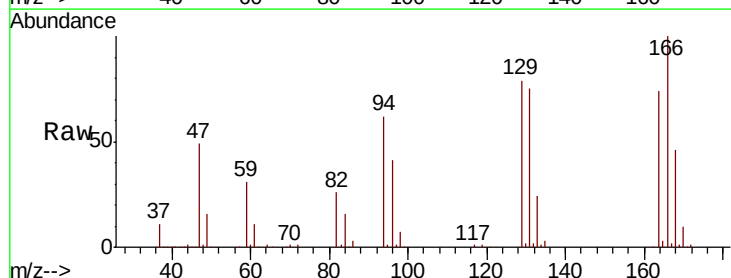
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

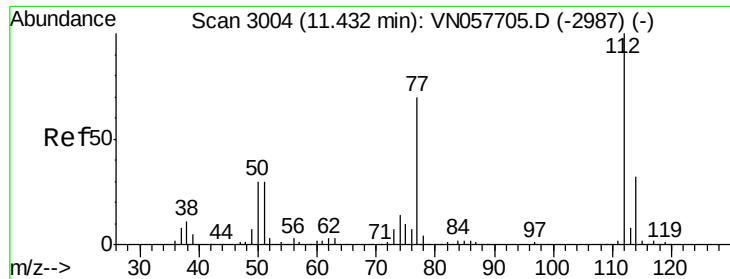
Tgt Ion:117 Resp: 296555
Ion Ratio Lower Upper
117 100
82 62.7 51.4 77.0
119 30.6 25.4 38.2



#64
Tetrachloroethene
Concen: 54.327 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion:164 Resp: 125606
Ion Ratio Lower Upper
164 100
166 134.2 103.0 154.6
129 106.4 81.1 121.7
131 100.4 83.2 124.8

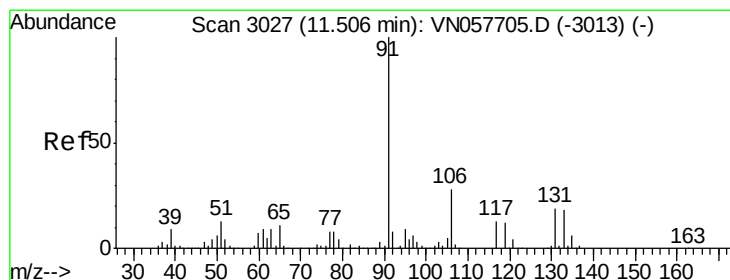
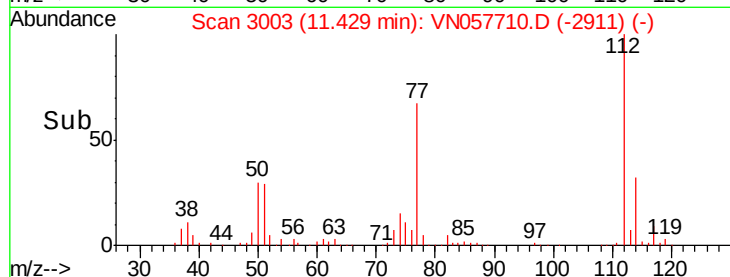
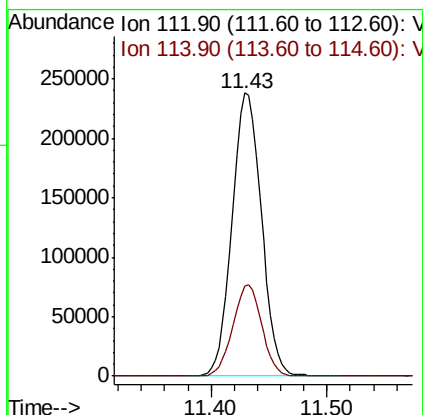
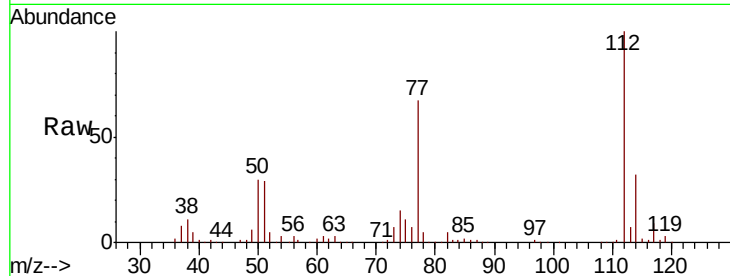




#65
Chlorobenzene
Concen: 53.838 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

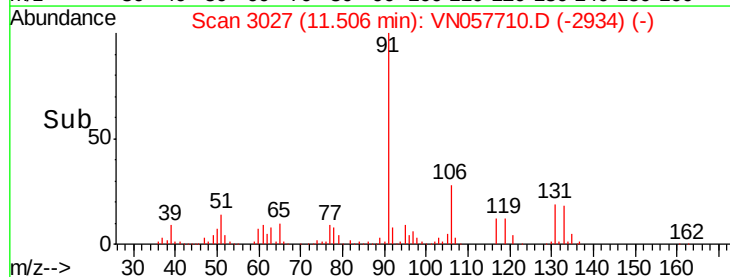
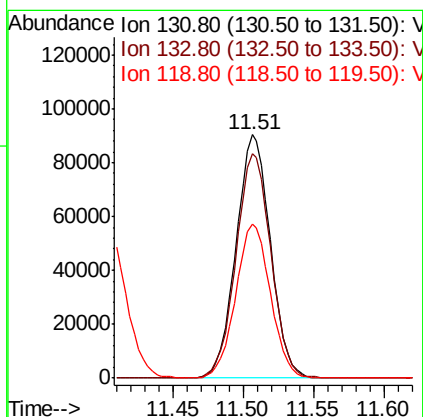
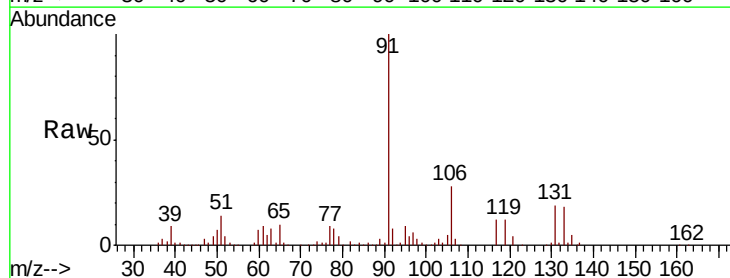
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

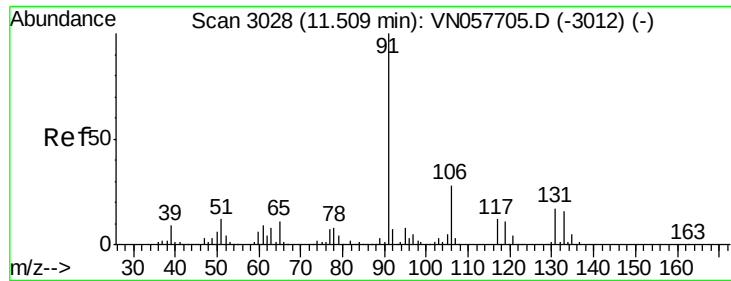
Tgt Ion:112 Resp: 416482
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.269 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion:131 Resp: 154155
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 63.9 32.8 98.3

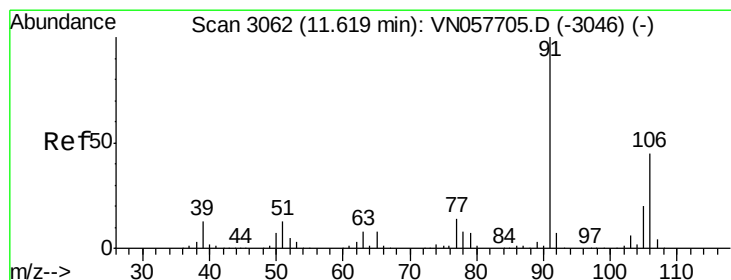
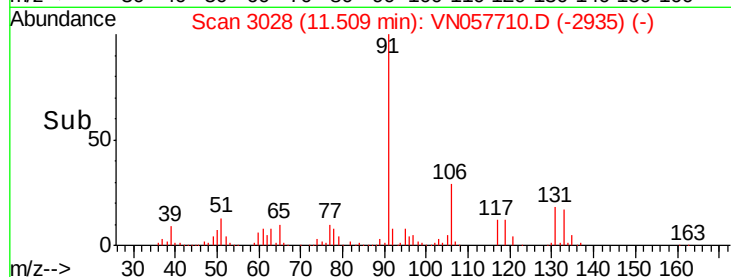
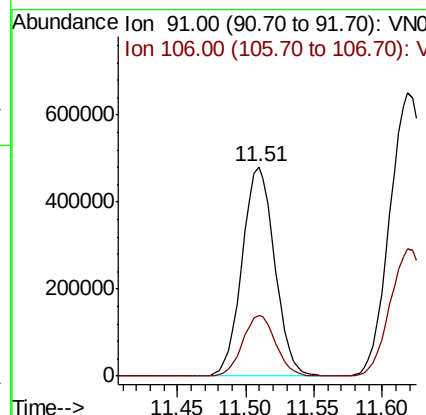
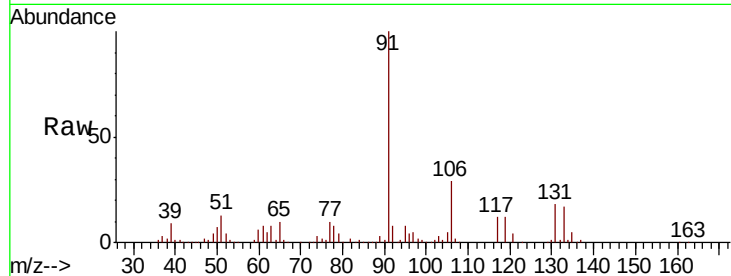




#67
Ethyl Benzene
Concen: 53.534 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

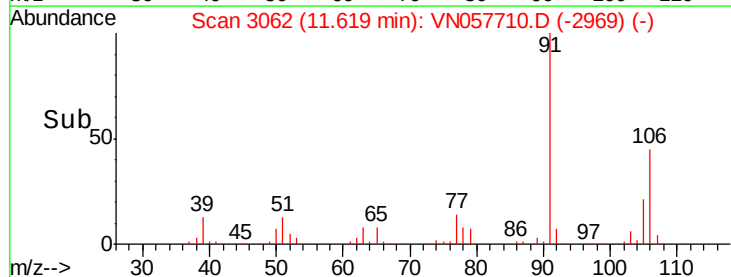
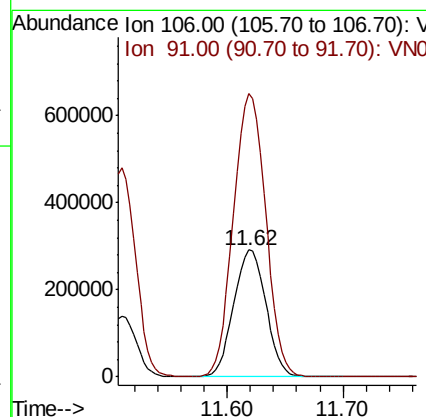
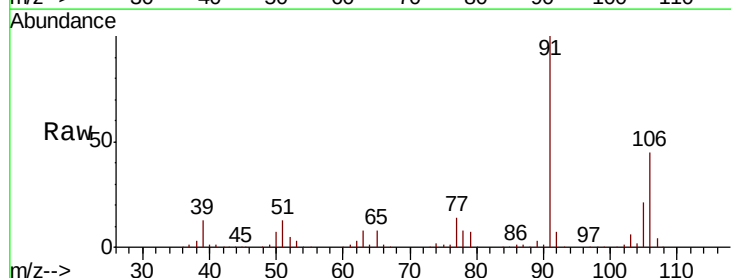
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

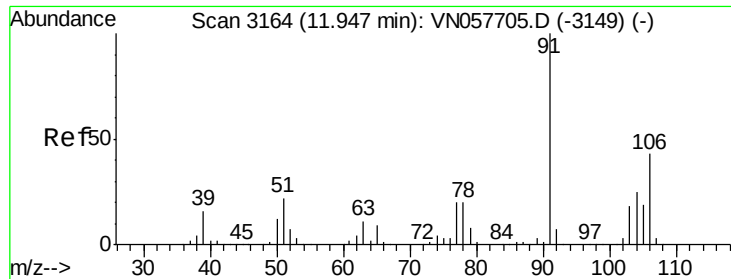
Tgt Ion: 91 Resp: 799025
Ion Ratio Lower Upper
91 100
106 28.9 22.8 34.2



#68
m/p-Xylenes
Concen: 109.521 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 106 Resp: 563030
Ion Ratio Lower Upper
106 100
91 223.0 179.8 269.8

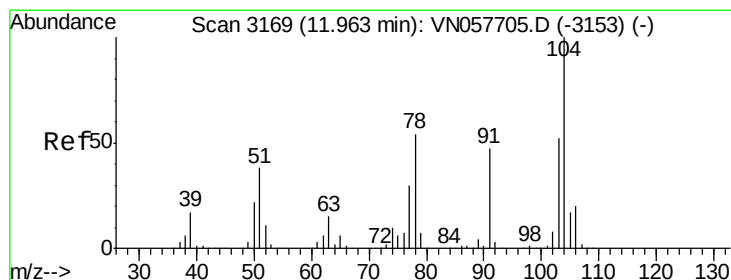
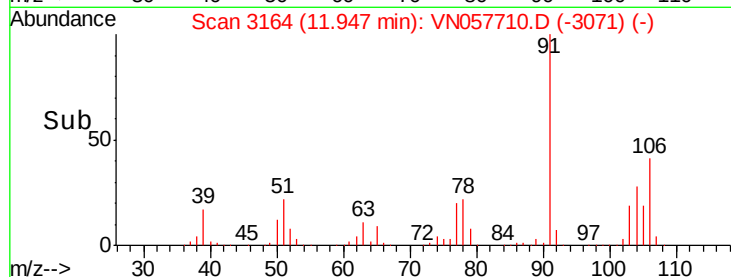
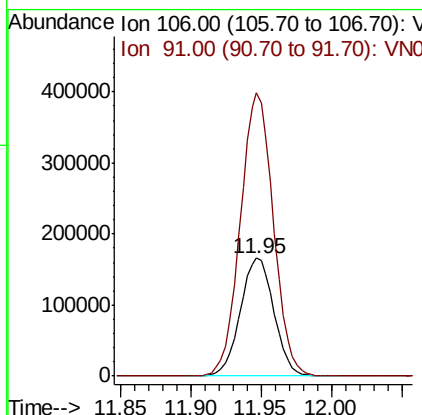
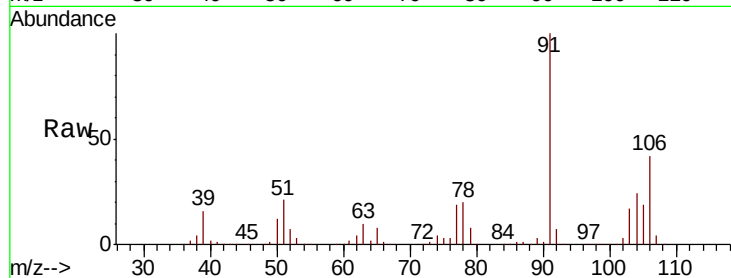




#69
o-Xylene
Concen: 54.345 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

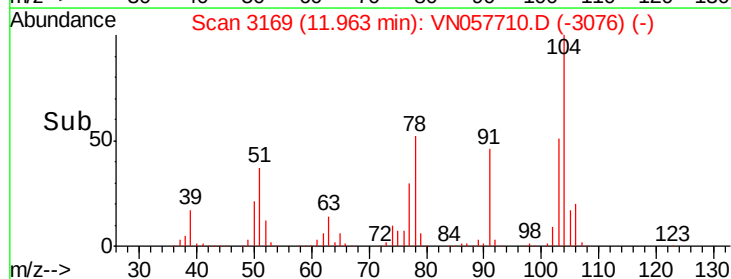
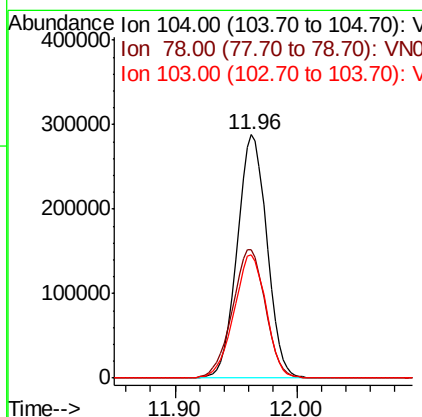
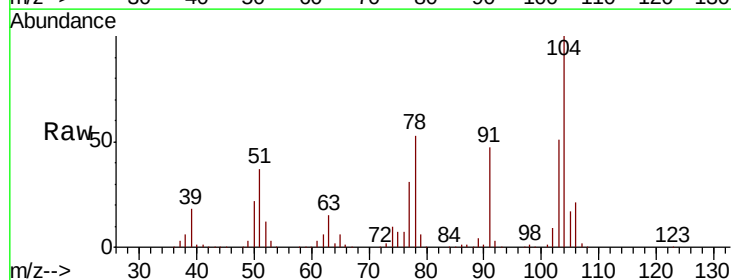
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

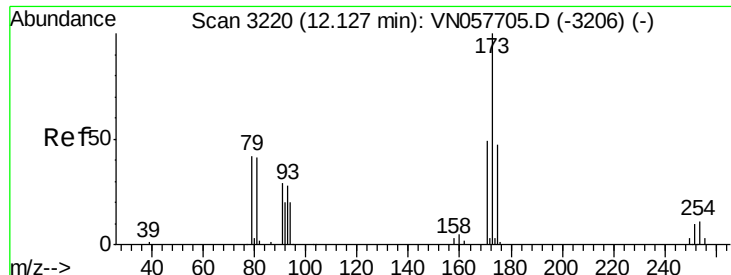
Tgt Ion:106 Resp: 276637
Ion Ratio Lower Upper
106 100
91 236.5 116.8 350.4



#70
Styrene
Concen: 55.015 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion:104 Resp: 484566
Ion Ratio Lower Upper
104 100
78 59.1 48.5 72.7
103 54.8 45.0 67.4





#71

Bromoform

Concen: 50.600 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

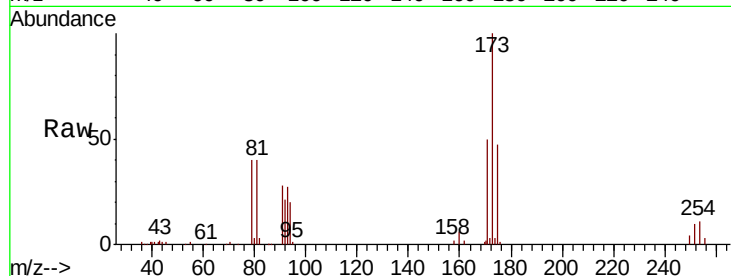
Tgt Ion:173 Resp: 101859

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

254 0.0 0.0 0.0#

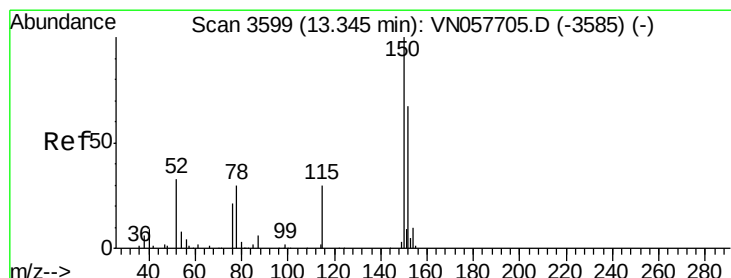
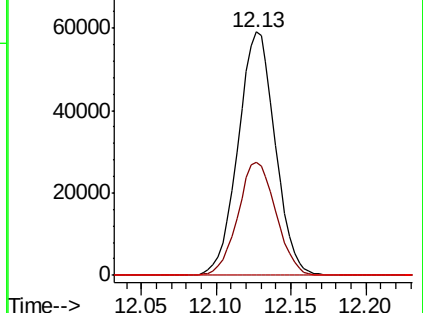
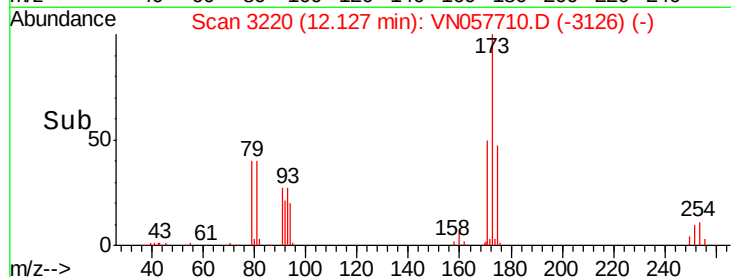


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

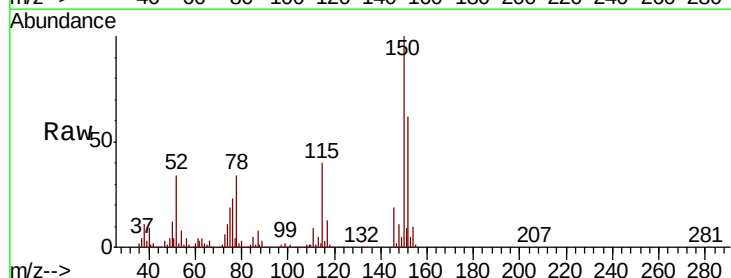
Tgt Ion:152 Resp: 168805

Ion Ratio Lower Upper

152 100

115 64.1 33.8 101.3

150 177.3 0.0 345.4

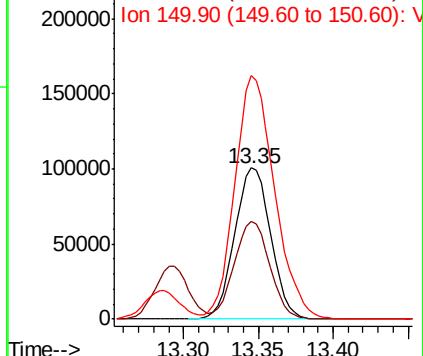
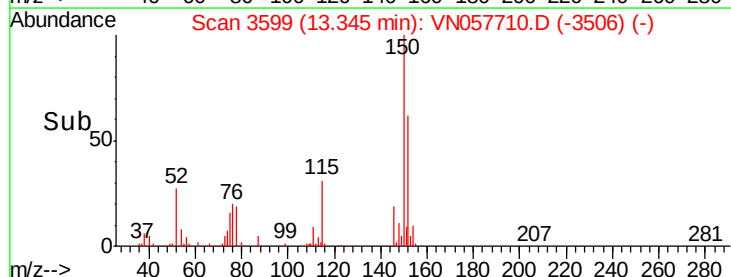


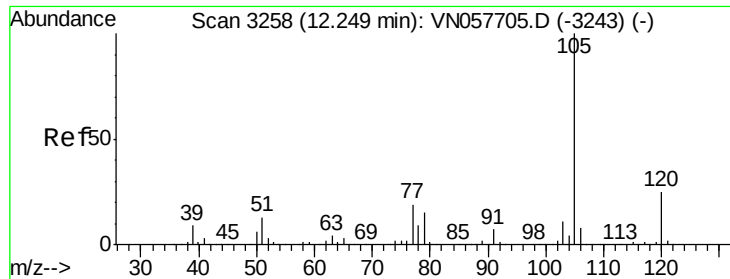
Abundance

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: 53.033 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

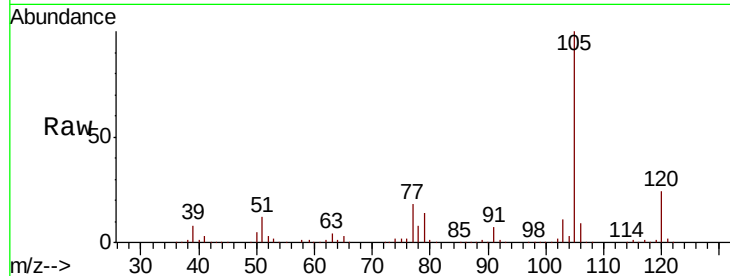
VSTDCCC050

Tgt Ion:105 Resp: 791457

Ion Ratio Lower Upper

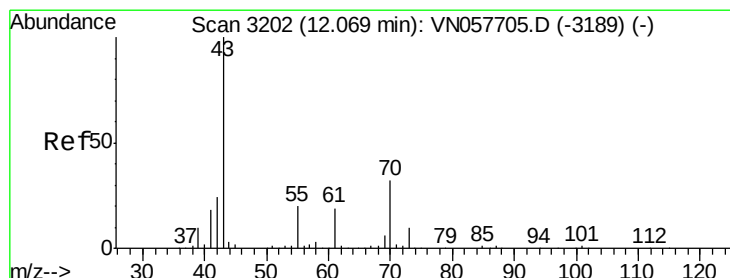
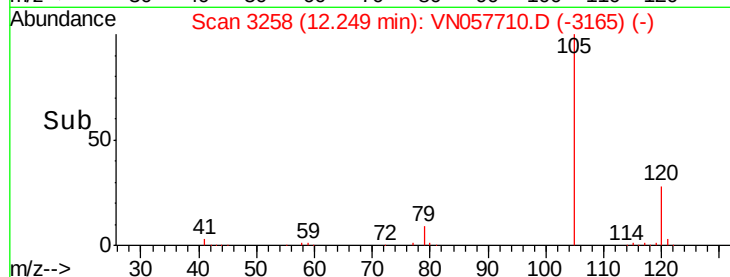
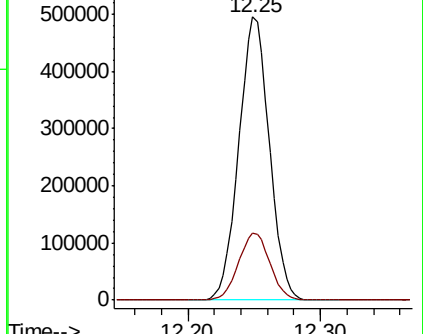
105 100

120 24.2 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.587 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Tgt Ion: 43 Resp: 384589

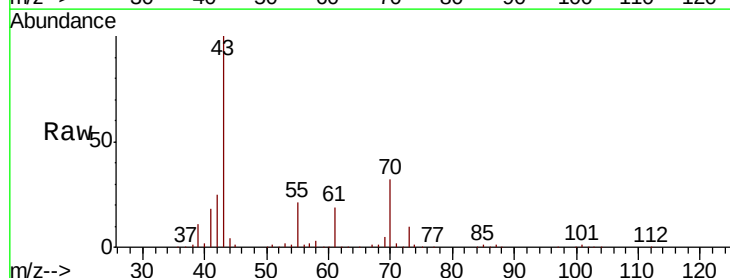
Ion Ratio Lower Upper

43 100

70 32.3 26.1 39.1

55 21.1 16.3 24.5

61 19.2 15.0 22.4

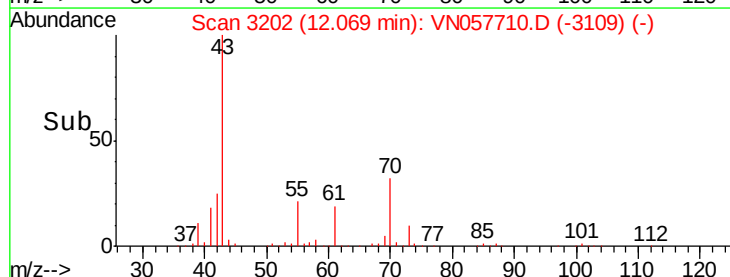
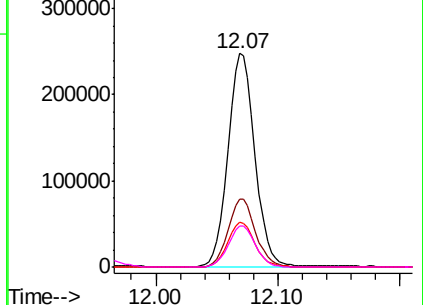


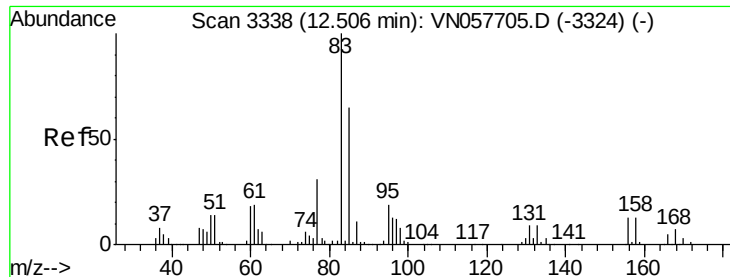
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.858 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

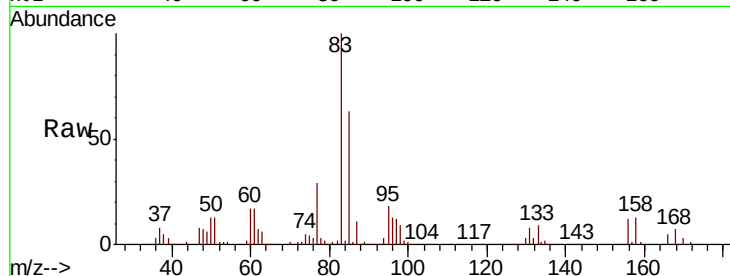
Tgt Ion: 83 Resp: 232071

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.5

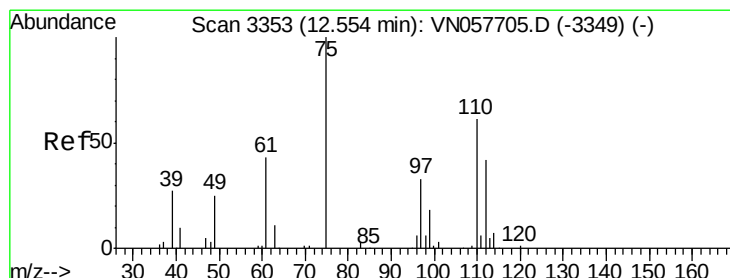
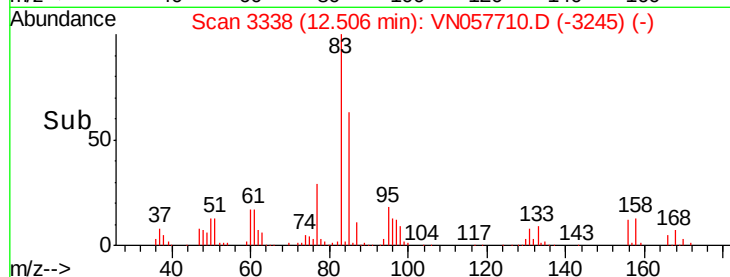
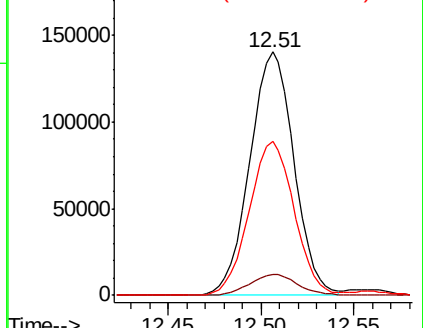
85 64.4 31.8 95.3



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: 78.254 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057710.D

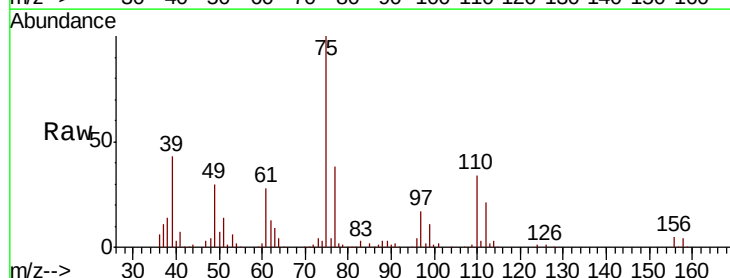
Acq: 6 Sep 2019 14:23

Tgt Ion: 75 Resp: 303343

Ion Ratio Lower Upper

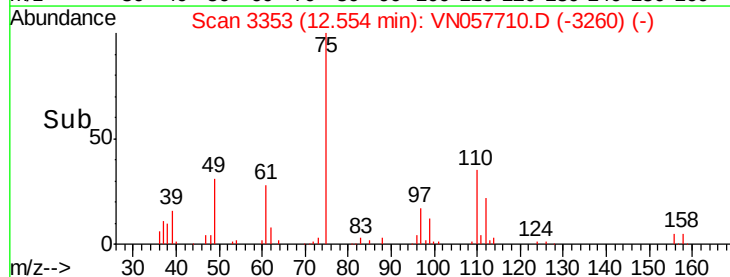
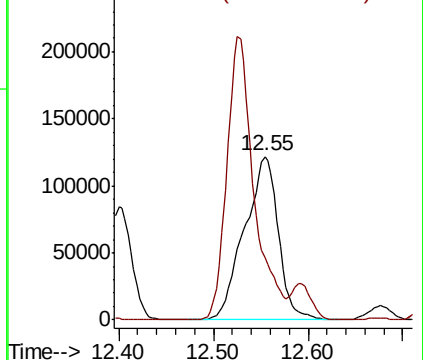
75 100

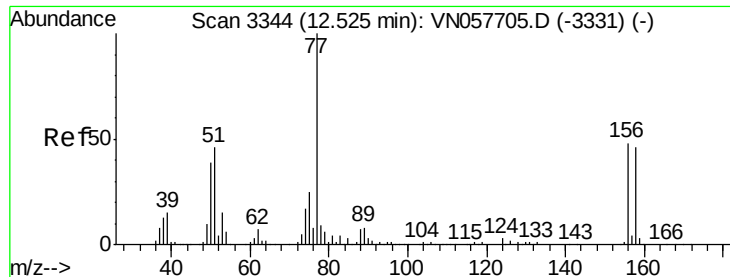
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 54.328 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

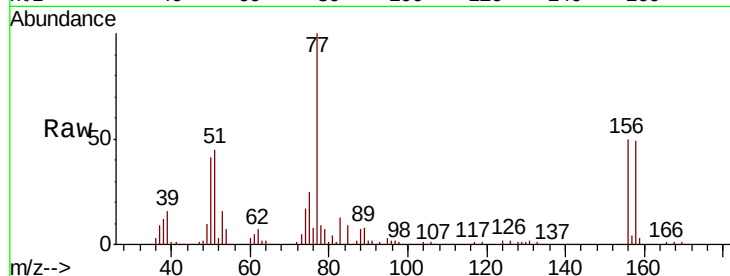
Tgt Ion:156 Resp: 176144

Ion Ratio Lower Upper

156 100

77 239.7 125.4 376.2

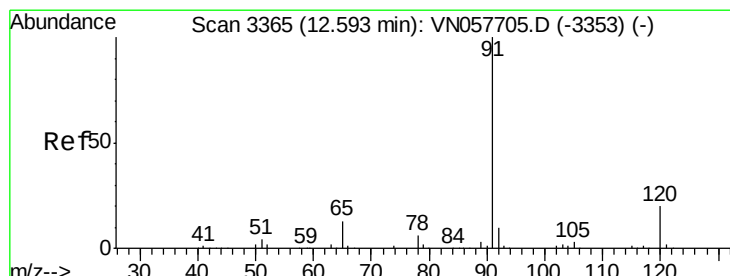
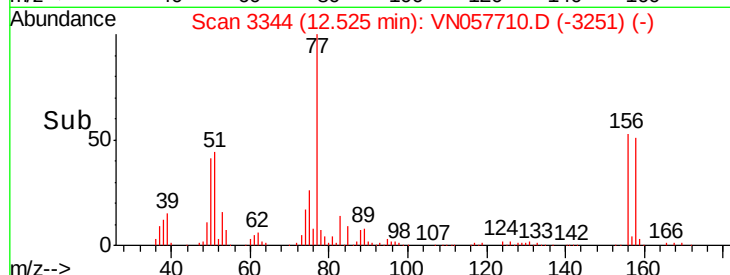
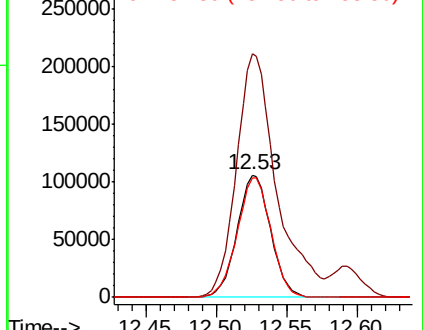
158 98.8 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.443 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057710.D

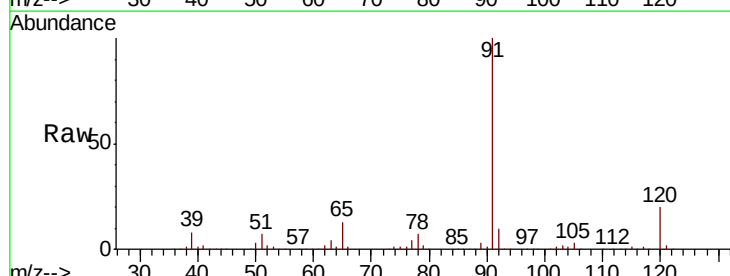
Acq: 6 Sep 2019 14:23

Tgt Ion: 91 Resp: 947591

Ion Ratio Lower Upper

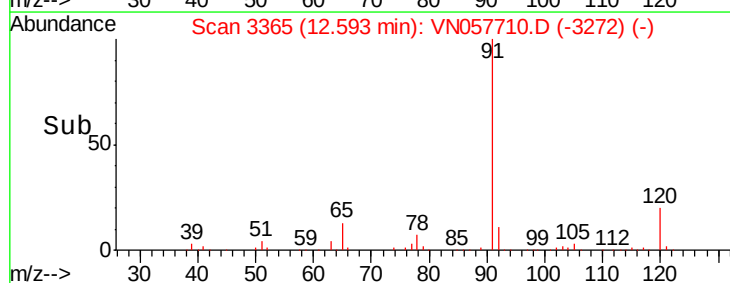
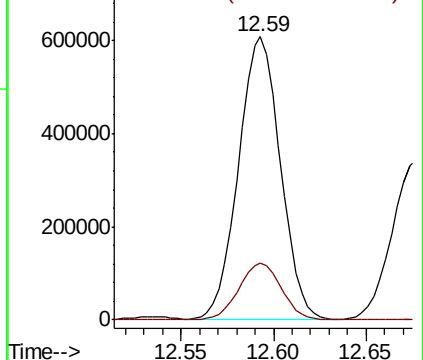
91 100

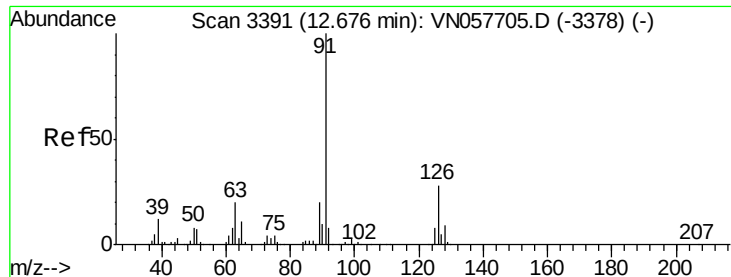
120 20.3 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.501 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

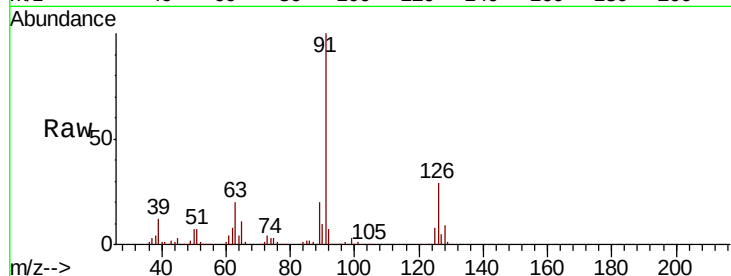
VSTDCCC050

Tgt Ion: 91 Resp: 566697

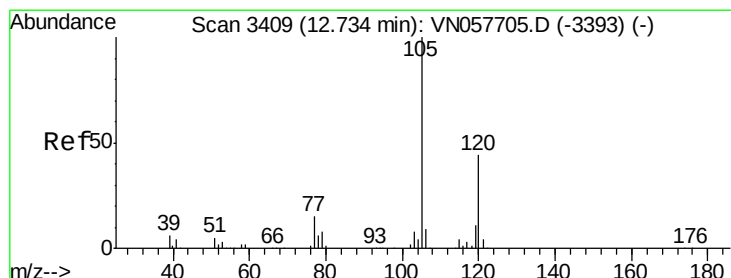
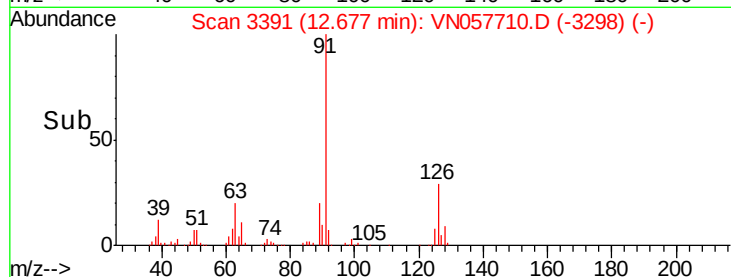
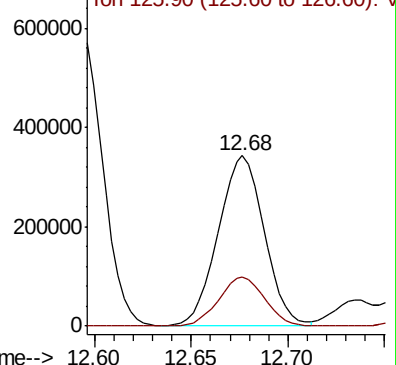
Ion Ratio Lower Upper

91 100

126 29.0 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VN057710.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.576 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057710.D

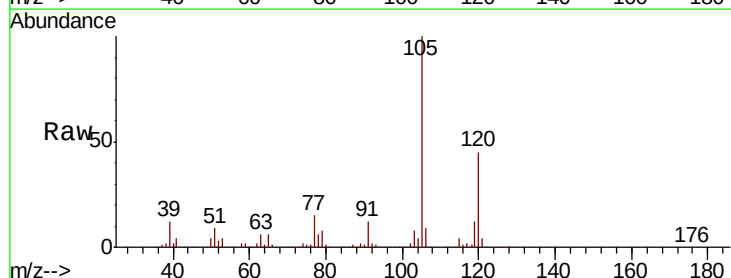
Acq: 6 Sep 2019 14:23

Tgt Ion: 105 Resp: 679207

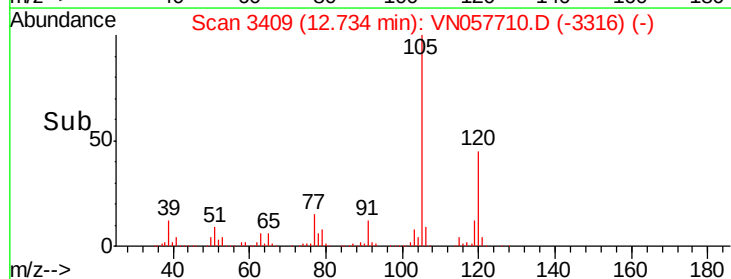
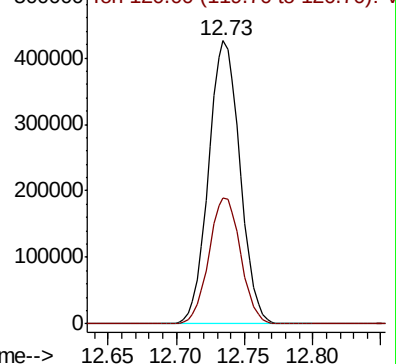
Ion Ratio Lower Upper

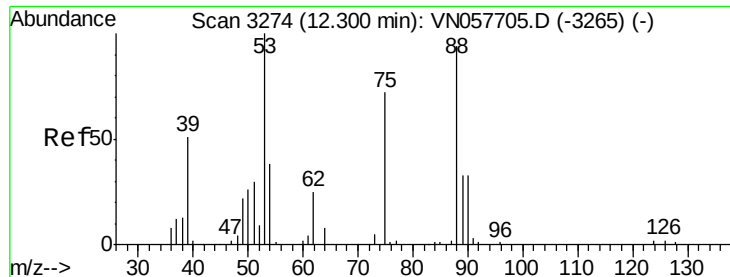
105 100

120 45.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VN057710.D (-3409) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.279 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

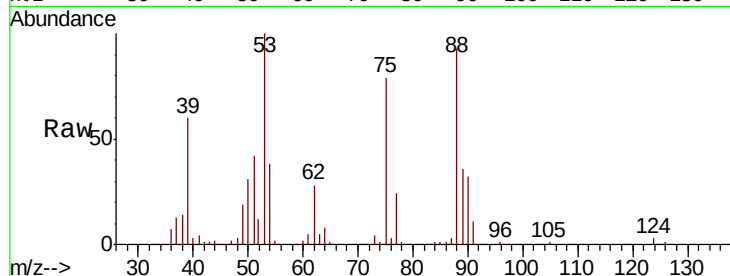
Tgt Ion: 75 Resp: 66408

Ion Ratio Lower Upper

75 100

53 131.3 107.0 160.6

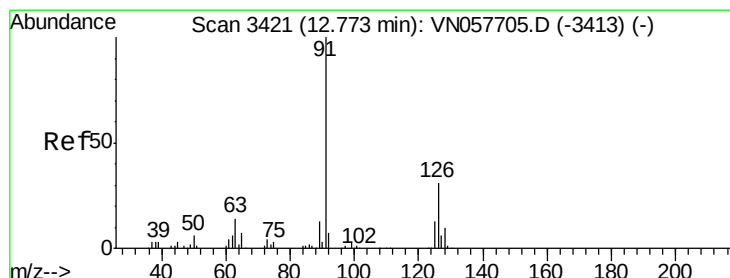
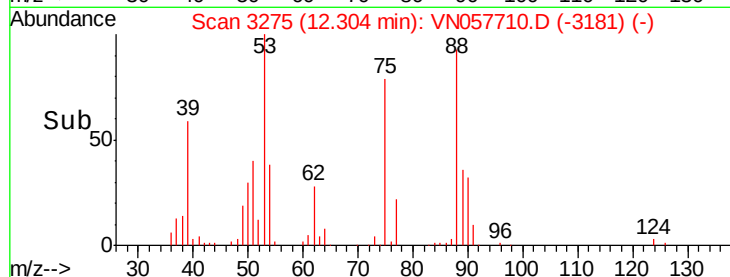
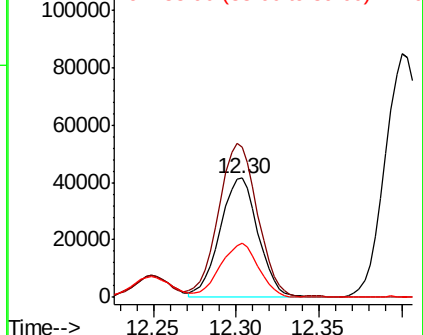
89 46.1 36.5 54.7



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: 52.807 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057710.D

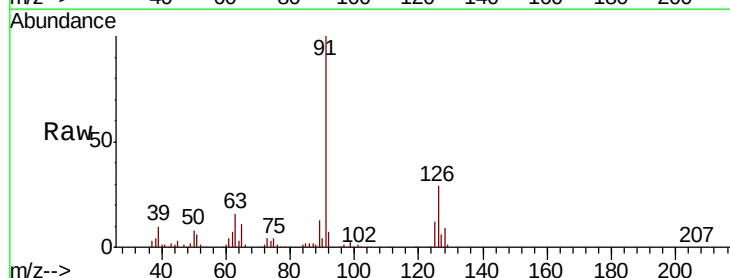
Acq: 6 Sep 2019 14:23

Tgt Ion: 91 Resp: 587043

Ion Ratio Lower Upper

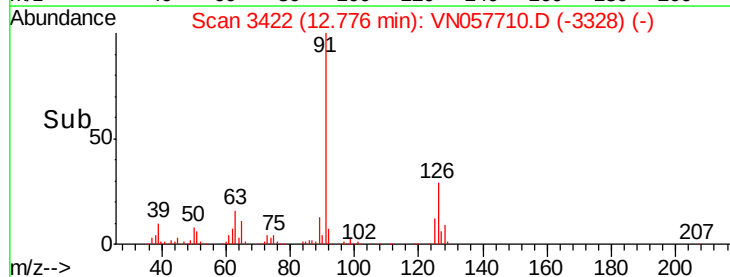
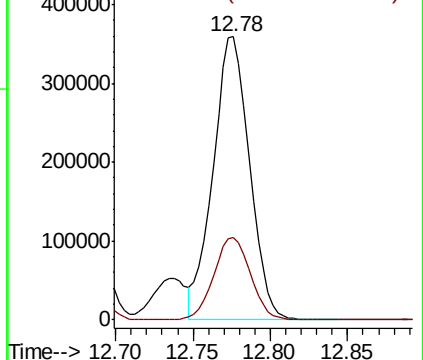
91 100

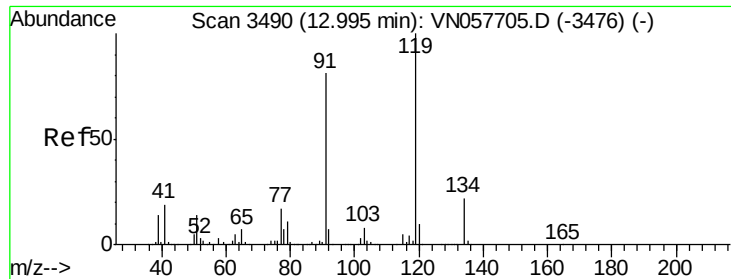
126 29.3 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

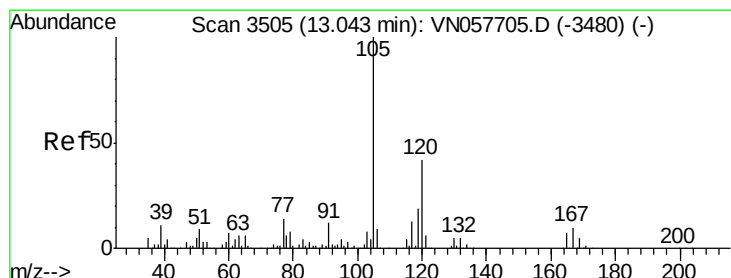
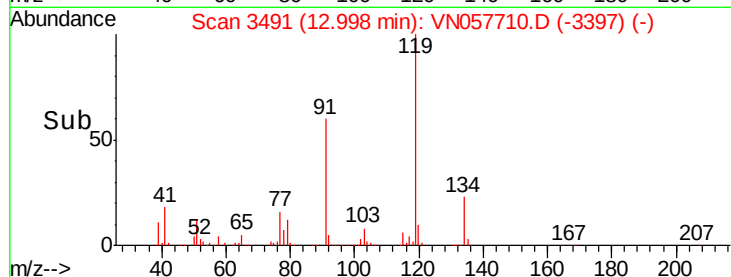
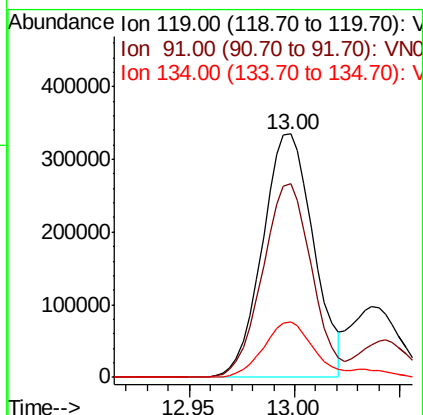
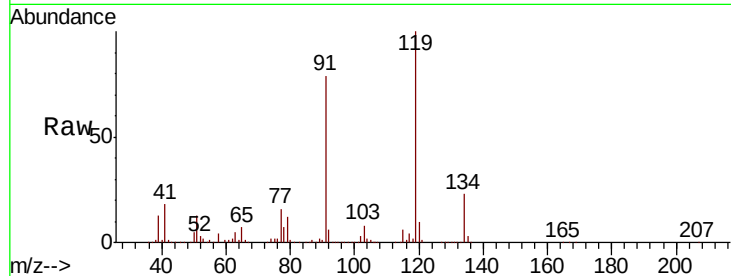




#83
 tert-Butylbenzene
 Concen: 52.594 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

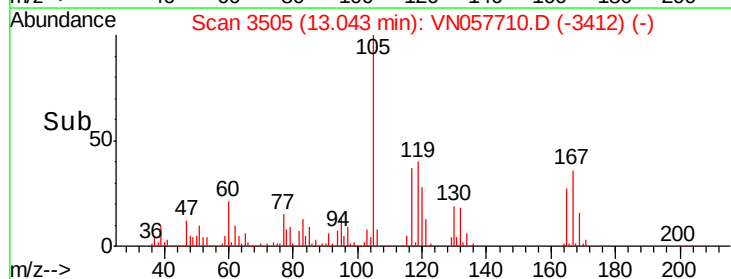
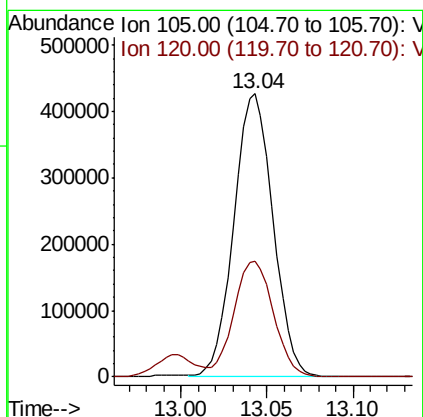
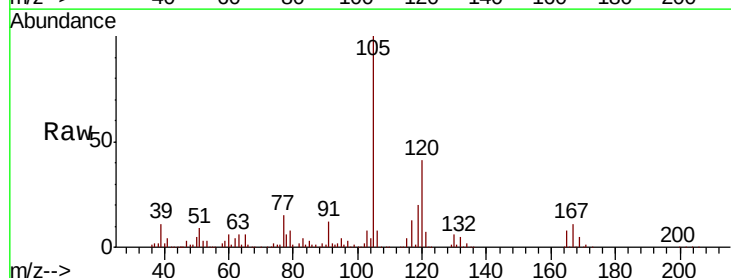
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

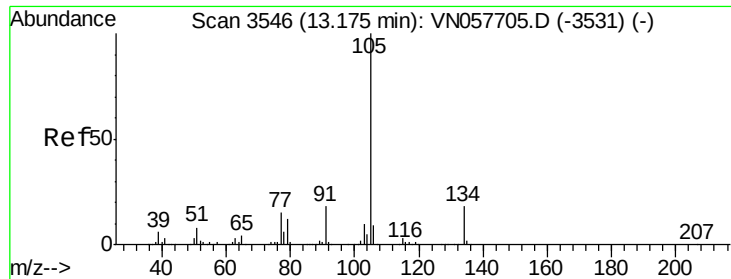
Tgt Ion:119 Resp: 562097
 Ion Ratio Lower Upper
 119 100
 91 77.0 39.6 118.8
 134 22.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.728 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion:105 Resp: 674704
 Ion Ratio Lower Upper
 105 100
 120 41.7 20.8 62.5





#85

sec-Butylbenzene

Concen: 53.152 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

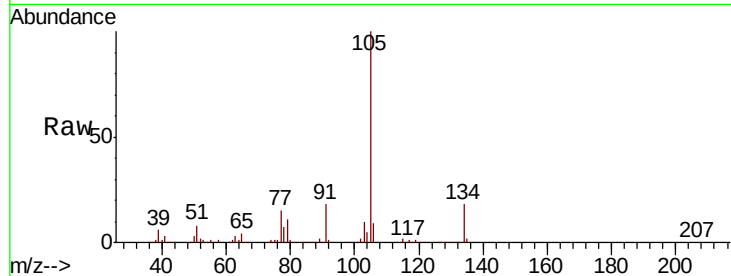
VSTDCCC050

Tgt Ion:105 Resp: 782601

Ion Ratio Lower Upper

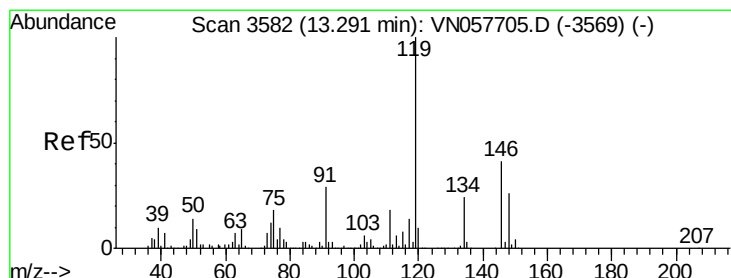
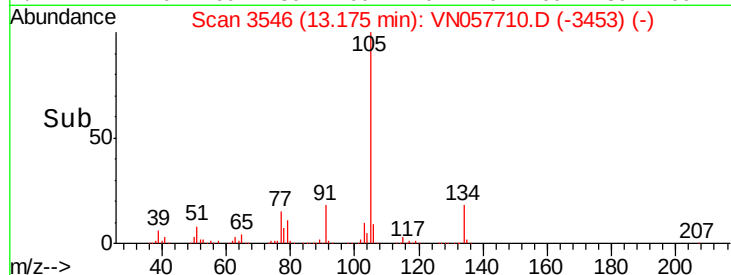
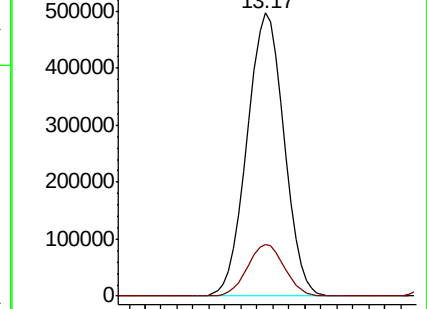
105 100

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: 55.332 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057710.D

Acq: 6 Sep 2019 14:23

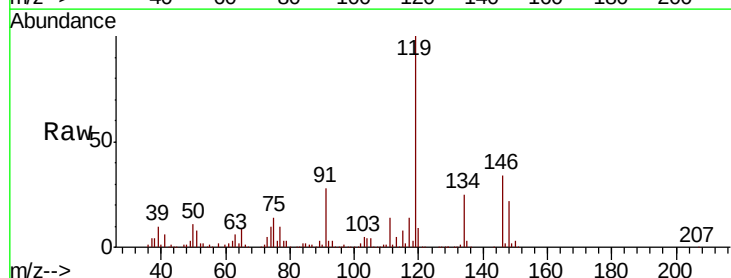
Tgt Ion:119 Resp: 690450

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.0

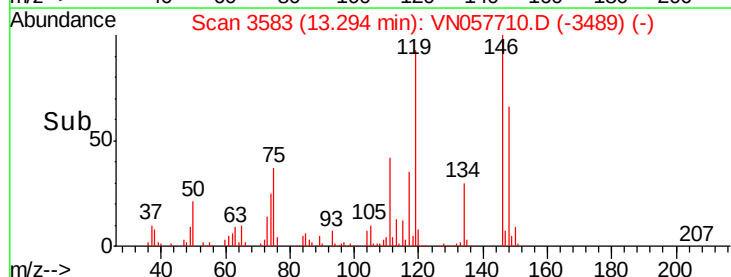
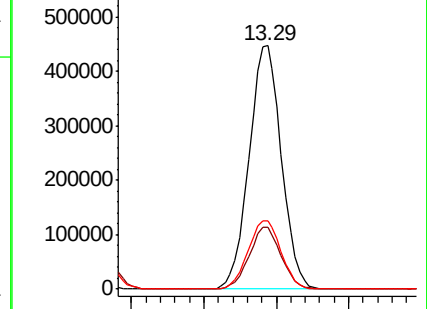
91 28.6 14.8 44.3

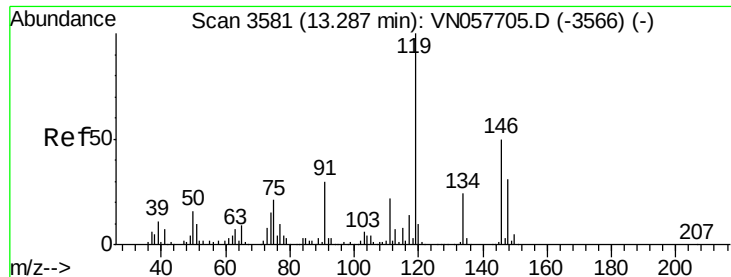


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

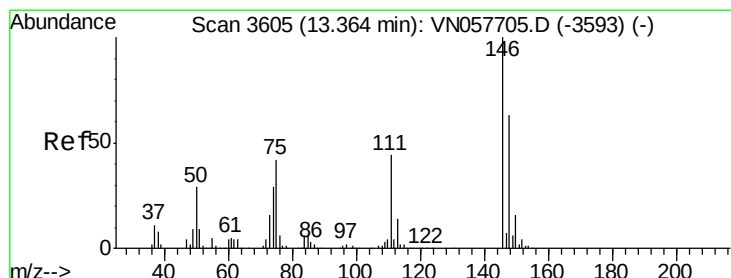
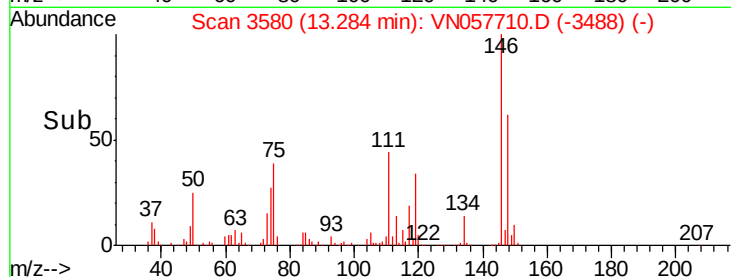
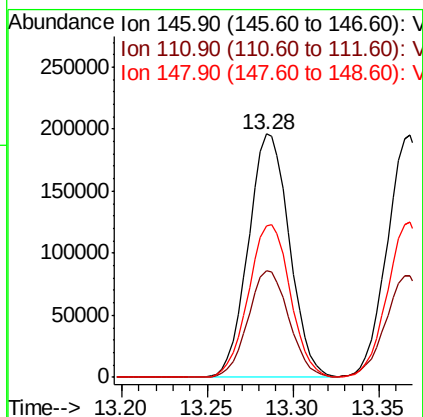
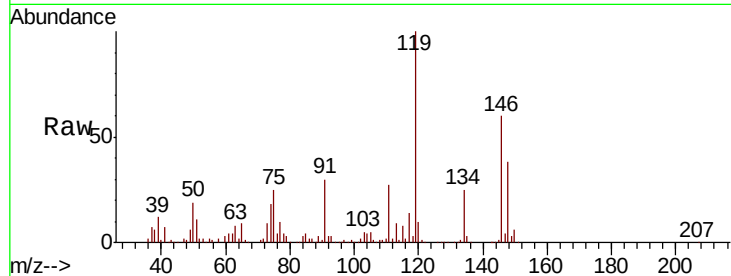




#87
 1,3-Dichlorobenzene
 Concen: 53.566 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

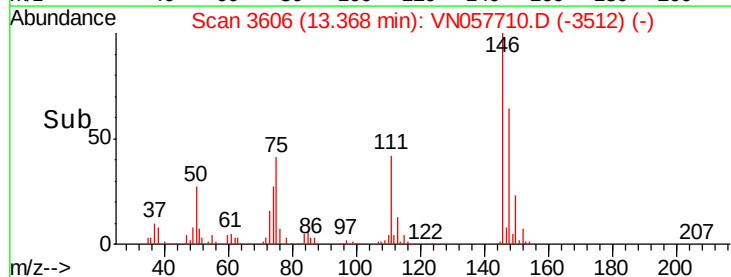
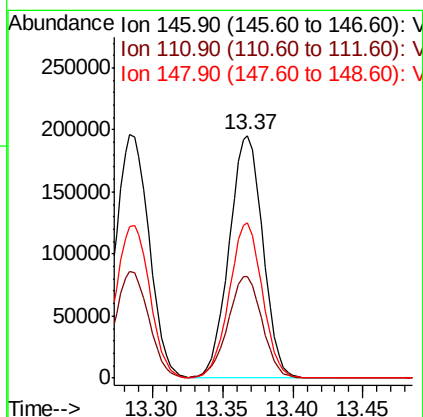
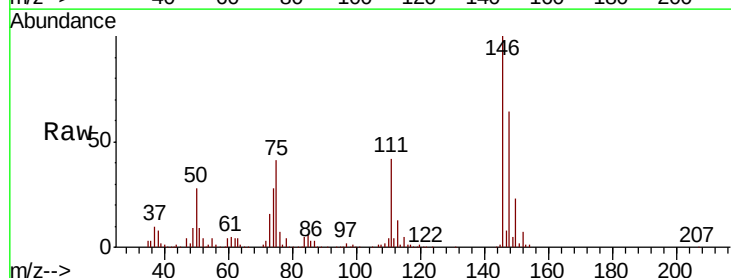
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

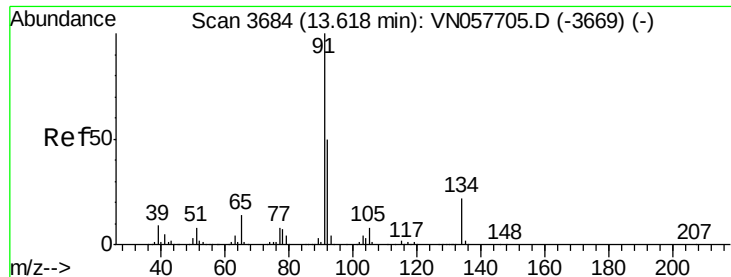
Tgt Ion:146 Resp: 324674
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.3 66.8
 148 63.8 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 53.703 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion:146 Resp: 325620
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.3 66.9
 148 63.0 31.9 95.7

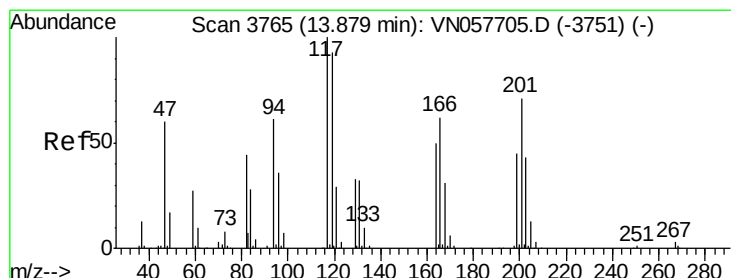
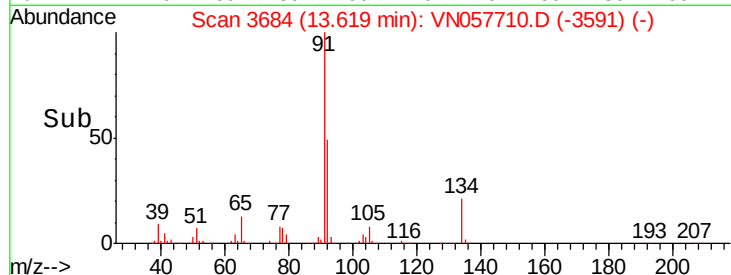
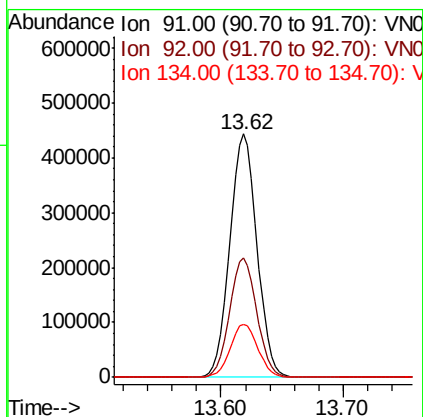
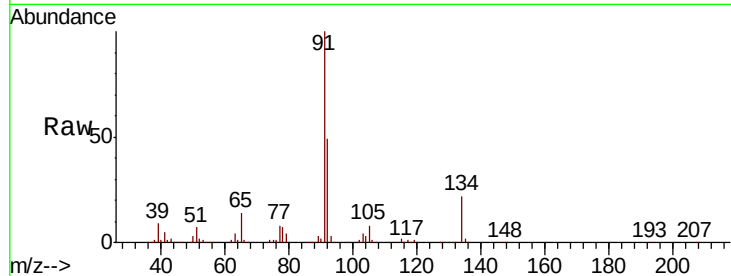




#89
n-Butylbenzene
Concen: 55.912 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

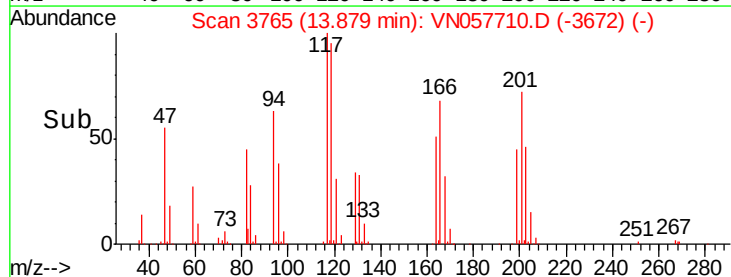
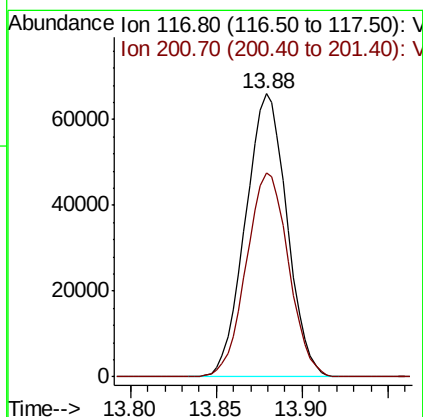
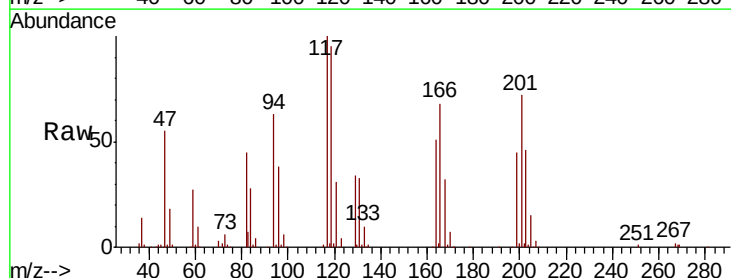
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

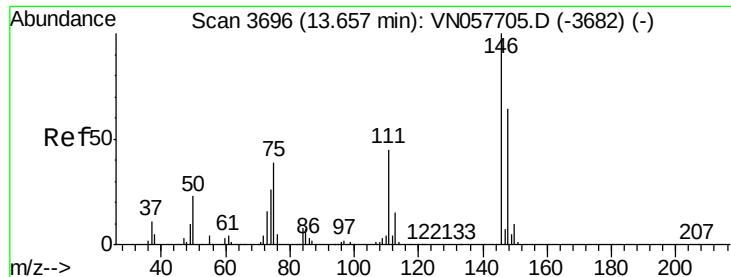
Tgt Ion: 91 Resp: 689984
Ion Ratio Lower Upper
91 100
92 49.1 25.6 76.8
134 22.2 11.2 33.5



#90
Hexachloroethane
Concen: 56.568 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion: 117 Resp: 110602
Ion Ratio Lower Upper
117 100
201 73.4 36.4 109.2

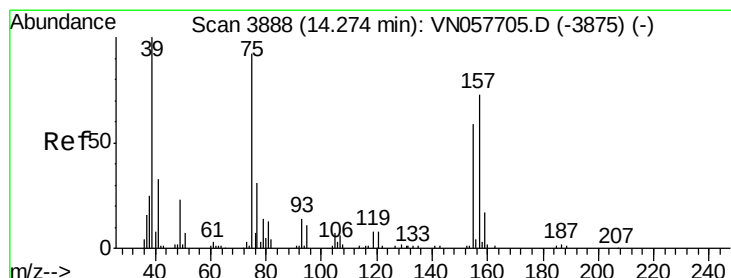
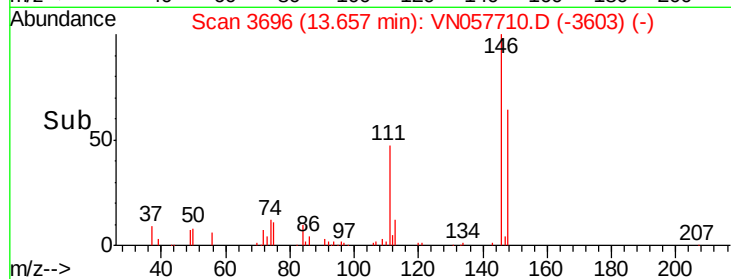
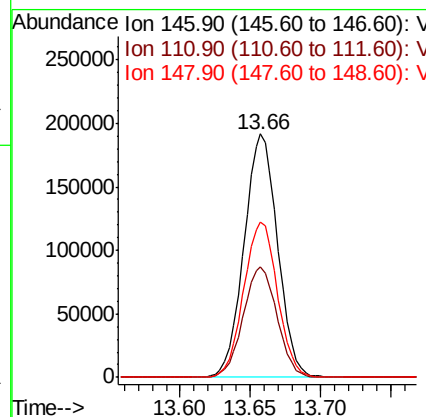
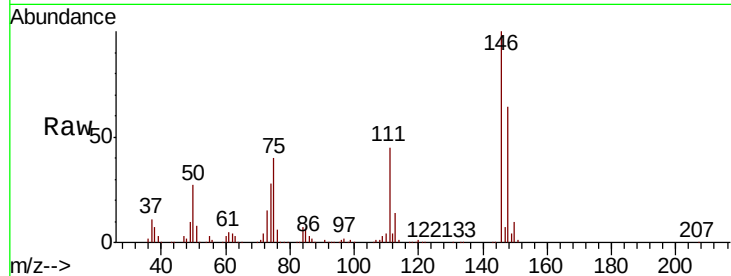




#91
 1,2-Dichlorobenzene
 Concen: 53.535 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

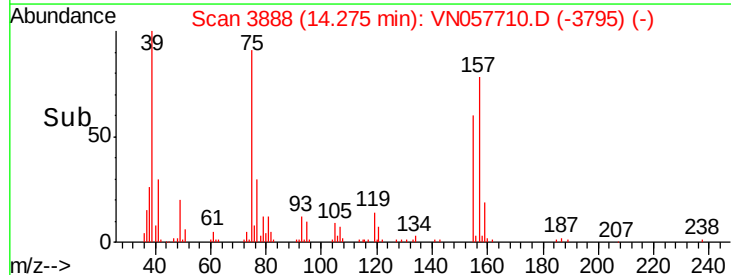
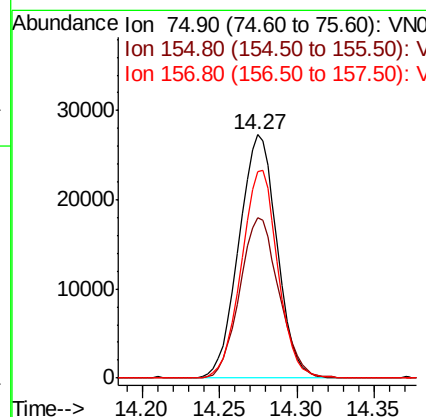
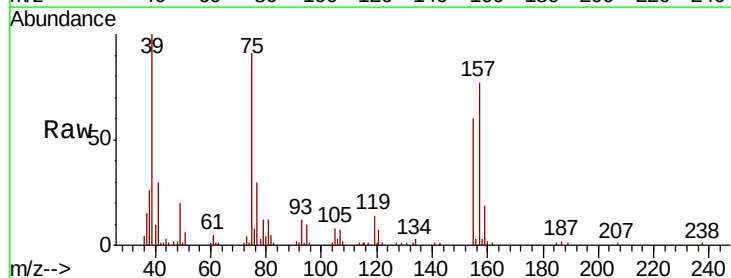
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

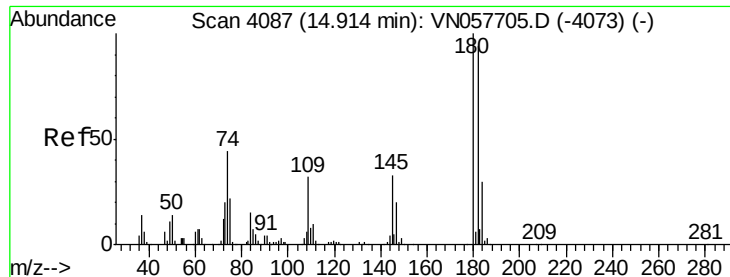
Tgt Ion: 146 Resp: 319467
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.8 68.3
 148 64.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.060 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion: 75 Resp: 46779
 Ion Ratio Lower Upper
 75 100
 155 67.4 30.1 90.5
 157 81.7 38.1 114.5

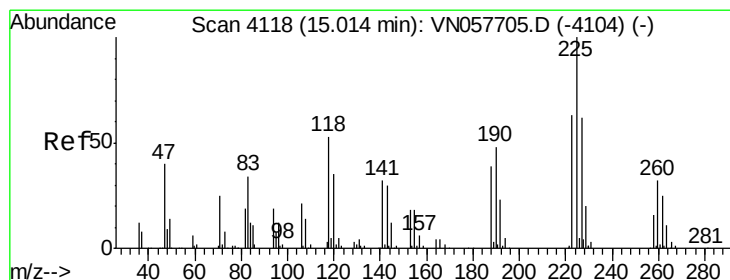
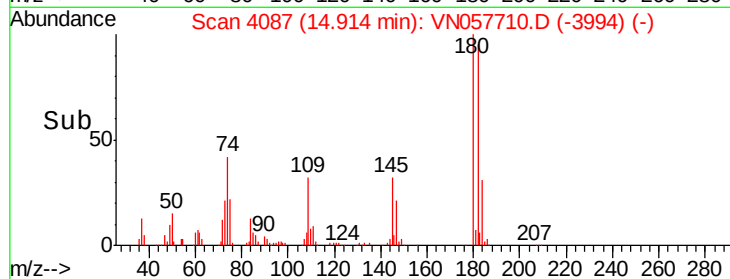
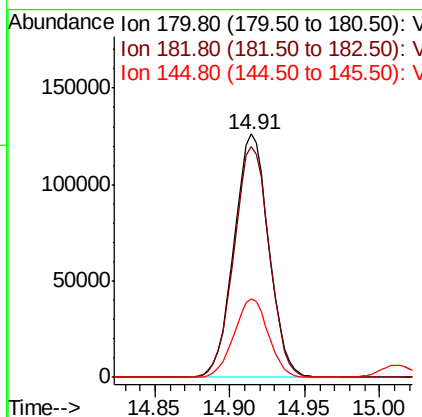
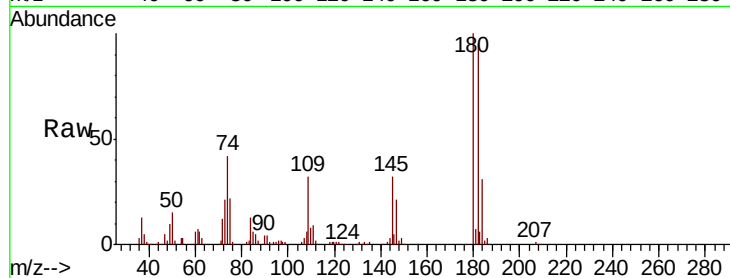




#93
 1,2,4-Trichlorobenzene
 Concen: 57.092 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

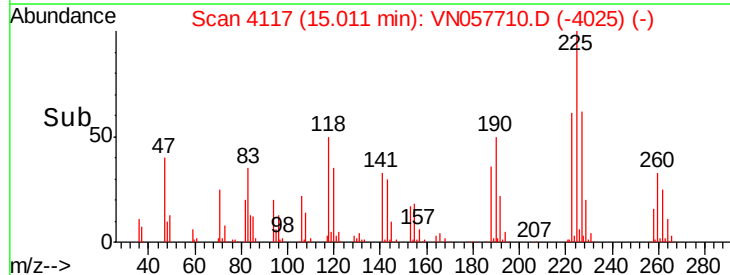
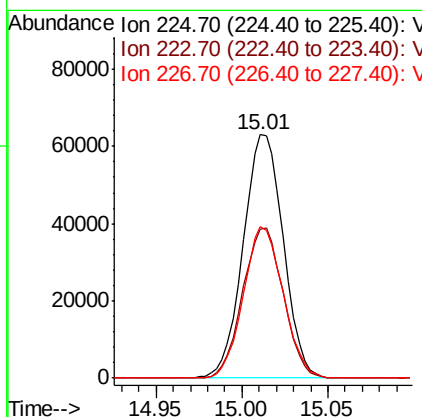
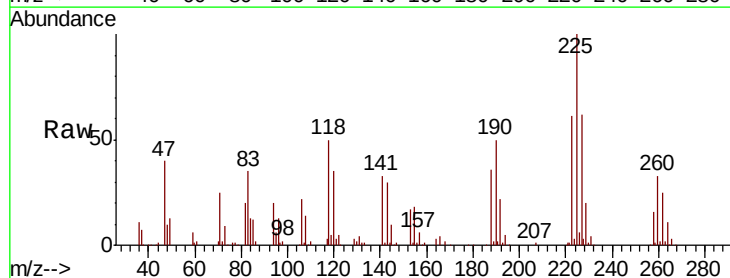
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

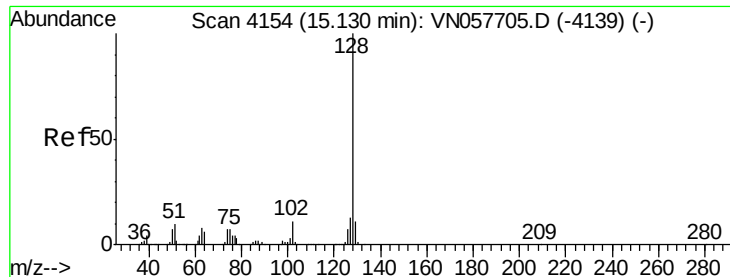
Tgt Ion:180 Resp: 203820
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.6 142.9
 145 31.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 58.445 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057710.D
 Acq: 6 Sep 2019 14:23

Tgt Ion:225 Resp: 101700
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 61.9 31.7 95.1

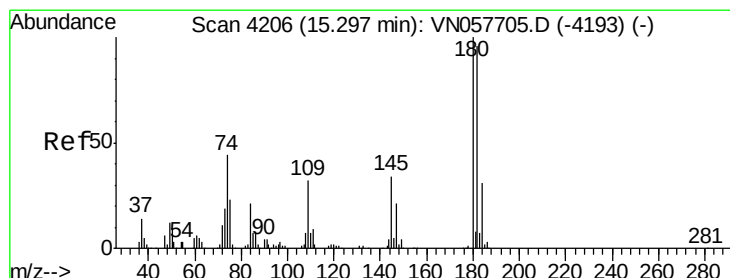
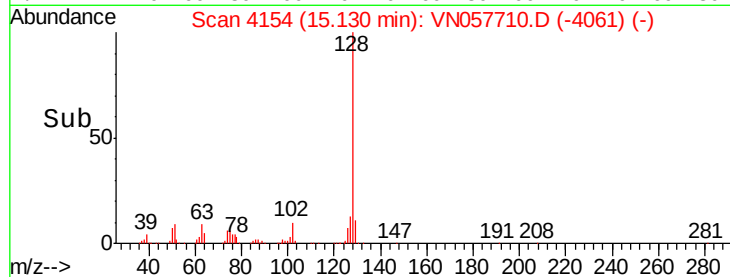
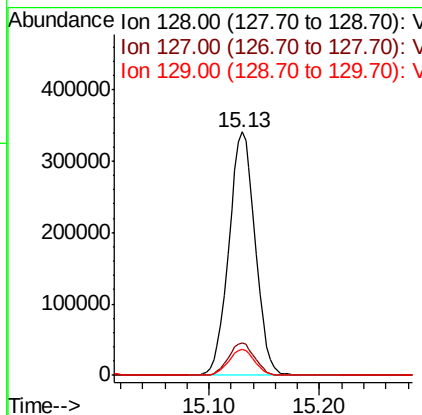
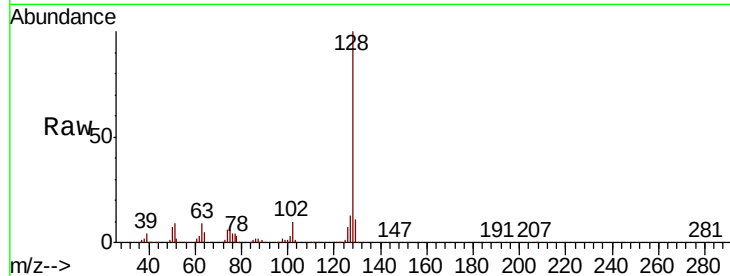




#95
Naphthalene
Concen: 54.303 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 562416
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 56.526 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057710.D
Acq: 6 Sep 2019 14:23

Tgt Ion:180 Resp: 193430
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.2
145 34.2 17.5 52.6

