

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057133.D
 Acq On : 8 Aug 2019 15:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 03:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1217266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1790669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1608494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	672383	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	582940	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	6.98	113	536714	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	9.56	98	2066133	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.92	95	696603	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	444611	45.445	ug/l	96
3) Chloromethane	2.00	50	577044	44.390	ug/l	99
4) Vinyl Chloride	2.11	62	564036	46.680	ug/l	99
5) Bromomethane	2.43	94	394009	47.992	ug/l	99
6) Chloroethane	2.55	64	370788	47.842	ug/l	98
7) Trichlorofluoromethane	2.82	101	821862	47.321	ug/l	98
8) Diethyl Ether	3.14	74	323341	48.186	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.44	101	513997	48.819	ug/l	99
10) Methyl Iodide	3.63	142	797041	50.095	ug/l	100
11) Tert butyl alcohol	4.23	59	359889	202.019	ug/l	100
12) 1,1-Dichloroethene	3.43	96	506213	48.873	ug/l	98
13) Acrolein	3.31	56	258353	229.242	ug/l	100
14) Allyl chloride	3.91	41	744149	49.437	ug/l	99
15) Acrylonitrile	4.44	53	1153287	239.201	ug/l	99
16) Acetone	3.47	43	842479	222.839	ug/l	99
17) Carbon Disulfide	3.72	76	1353981	49.137	ug/l	100
18) Methyl Acetate	3.89	43	562589	49.944	ug/l	100
19) Methyl tert-butyl Ether	4.49	73	1542846	49.340	ug/l	100
20) Methylene Chloride	4.10	84	580130	46.495	ug/l	98
21) trans-1,2-Dichloroethene	4.50	96	540599	47.912	ug/l	98
22) Diisopropyl ether	5.31	45	1600032	48.733	ug/l	99
23) Vinyl Acetate	5.26	43	6393131	254.279	ug/l	99
24) 1,1-Dichloroethane	5.25	63	977304	48.421	ug/l	98
25) 2-Butanone	6.20	43	1378331	238.620	ug/l	97
26) 2,2-Dichloropropane	6.21	77	715496	48.726	ug/l	99
27) cis-1,2-Dichloroethene	6.20	96	636109	49.212	ug/l	99
28) Bromochloromethane	6.58	49	425472	45.830	ug/l	98
29) Tetrahydrofuran	6.60	42	913068	234.653	ug/l	99
30) Chloroform	6.76	83	975790	46.711	ug/l	100
31) Cyclohexane	7.06	56	844555	46.510	ug/l	99
32) 1,1,1-Trichloroethane	6.97	97	857108	48.910	ug/l	99
36) 1,1-Dichloropropene	7.20	75	754189	51.154	ug/l	100
37) Ethyl Acetate	6.28	43	578288	47.581	ug/l #	100
38) Carbon Tetrachloride	7.18	117	748340	48.703	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.52	83	909876	50.748	ug/l	96
40) Benzene	7.46	78	2269912	48.633	ug/l	100
41) Methacrylonitrile	6.54	41	300150	48.618	ug/l	98
42) 1,2-Dichloroethane	7.54	62	710330	47.720	ug/l	98
43) Isopropyl Acetate	7.56	43	1122013	54.097	ug/l	95
44) Trichloroethene	8.27	130	642784	49.157	ug/l	99
45) 1,2-Dichloropropane	8.56	63	585831	48.475	ug/l	100
46) Dibromomethane	8.65	93	379591	48.987	ug/l	98
47) Bromodichloromethane	8.85	83	759734	50.671	ug/l	97
48) Methyl methacrylate	8.63	41	473879	48.453	ug/l	99
49) 1,4-Dioxane	8.64	88	190964	958.707	ug/l	98
51) 4-Methyl-2-Pentanone	9.45	43	2907365	240.858	ug/l	100
52) Toluene	9.62	92	1450697	50.073	ug/l	98
53) t-1,3-Dichloropropene	9.85	75	805469	51.423	ug/l	97
54) cis-1,3-Dichloropropene	9.30	75	926375	51.542	ug/l	99
55) 1,1,2-Trichloroethane	10.04	97	548352	48.132	ug/l	99
56) Ethyl methacrylate	9.90	69	809640	50.756	ug/l	99
57) 1,3-Dichloropropane	10.19	76	917385	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.15	63	1478589	233.381	ug/l	99
59) 2-Hexanone	10.24	43	2018599	247.091	ug/l	100
60) Dibromochloromethane	10.39	129	618871	51.723	ug/l	100
61) 1,2-Dibromoethane	10.49	107	578432	49.202	ug/l	99
64) Tetrachloroethene	10.11	164	646949	48.363	ug/l	98
65) Chlorobenzene	10.93	112	1583110	48.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.01	131	587817	48.581	ug/l	100
67) Ethyl Benzene	11.01	91	2784593	49.991	ug/l	100
68) m/p-Xylenes	11.12	106	2107525	102.702	ug/l	100
69) o-Xylene	11.46	106	1020005	49.944	ug/l	98
70) Styrene	11.47	104	1676795	52.565	ug/l	99
71) Bromoform	11.64	173	457723	51.643	ug/l	100
73) Isopropylbenzene	11.76	105	2739293	50.020	ug/l	100
74) N-amyl acetate	11.58	43	801121	47.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.02	83	738859	50.426	ug/l	100
76) 1,2,3-Trichloropropane	12.07	75	903742	70.057	ug/l #	100
77) Bromobenzene	12.04	156	716477	44.333	ug/l	99
78) n-propylbenzene	12.11	91	2951769	45.760	ug/l	100
79) 2-Chlorotoluene	12.19	91	1787109	49.713	ug/l	99
80) 1,3,5-Trimethylbenzene	12.26	105	2290263	44.120	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.82	75	219052	47.902	ug/l	97
82) 4-Chlorotoluene	12.30	91	1709886	45.781	ug/l	100
83) tert-Butylbenzene	12.52	119	1988287	48.527	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	2192220	43.692	ug/l	99
85) sec-Butylbenzene	12.70	105	2550019	43.530	ug/l	99
86) p-Isopropyltoluene	12.82	119	2284278	44.438	ug/l	100
87) 1,3-Dichlorobenzene	12.81	146	1120117	48.683	ug/l	100
88) 1,4-Dichlorobenzene	12.89	146	1056700	48.472	ug/l	99
89) n-Butylbenzene	13.15	91	1643084	46.266	ug/l	100
90) Hexachloroethane	13.41	117	402774	49.278	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	1096265	47.713	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.81	75	109110	46.162	ug/l	98

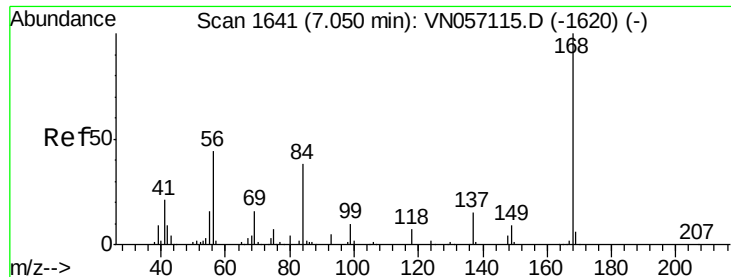
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	467028	48.173	ug/l	98
94) Hexachlorobutadiene	14.55	225	428235	53.683	ug/l	99
95) Naphthalene	14.67	128	887148	46.270	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	441642	44.528	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

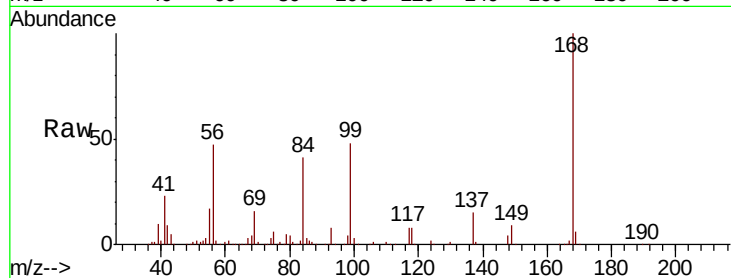
VSTDCCC050EC

Tgt Ion:168 Resp: 1217266

Ion Ratio Lower Upper

168 100

99 47.4 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

500000

400000

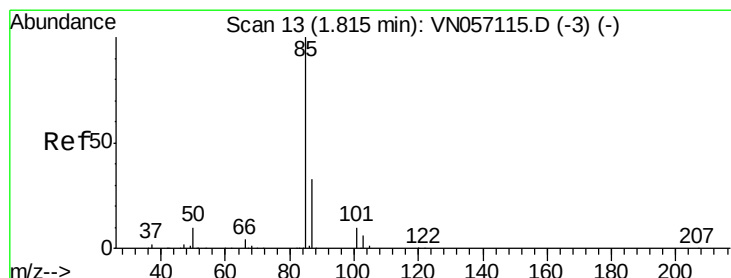
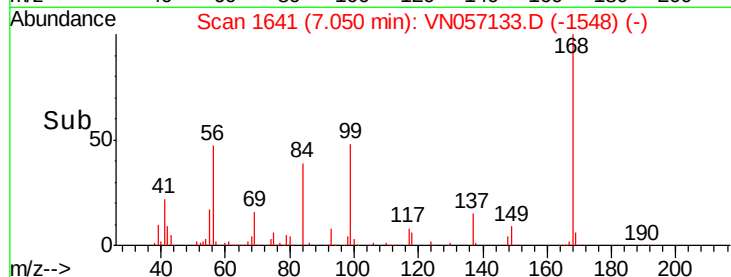
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#2

Dichlorodifluoromethane

Concen: 45.445 ug/l

RT: 1.82 min Scan# 13

Delta R.T. -0.00 min

Lab File: VN057133.D

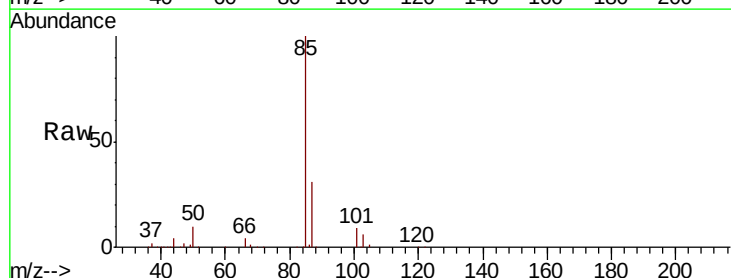
Acq: 8 Aug 2019 15:46

Tgt Ion: 85 Resp: 444611

Ion Ratio Lower Upper

85 100

87 30.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN057115.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VN057115.D (-3) (-)

1.82

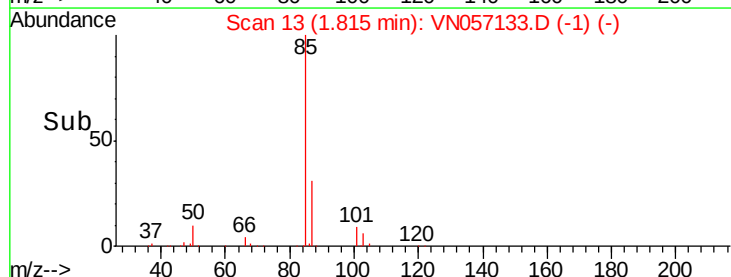
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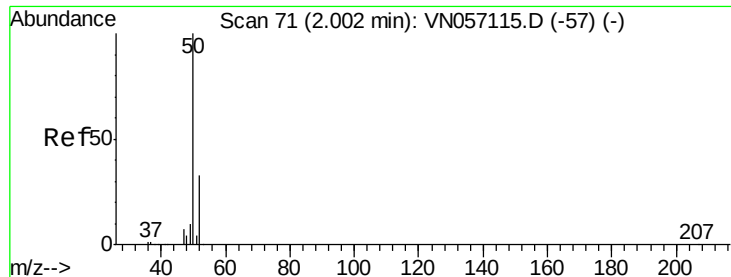
200000

100000

0

Time--> 1.80 1.90





#3

Chloromethane

Concen: 44.390 ug/l

RT: 2.00 min Scan# 70

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

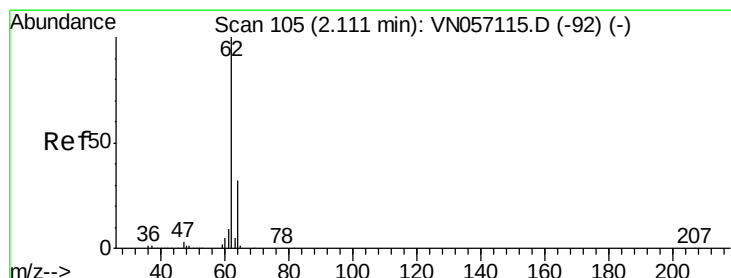
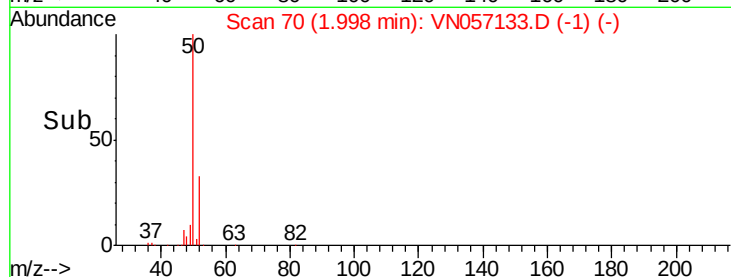
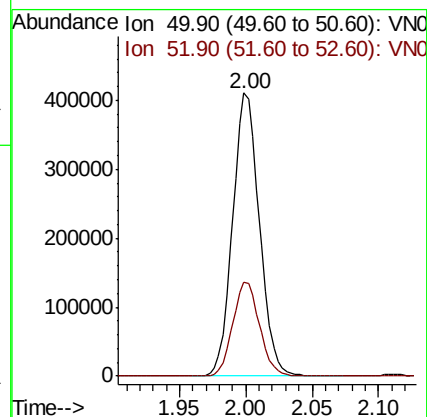
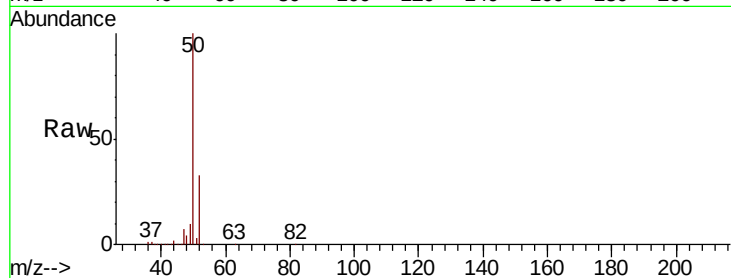
VSTDCCC050EC

Tgt Ion: 50 Resp: 577044

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 46.680 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057133.D

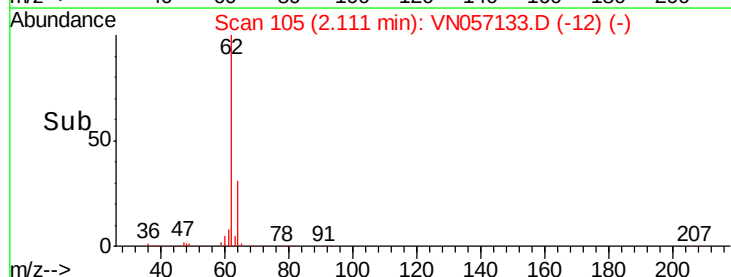
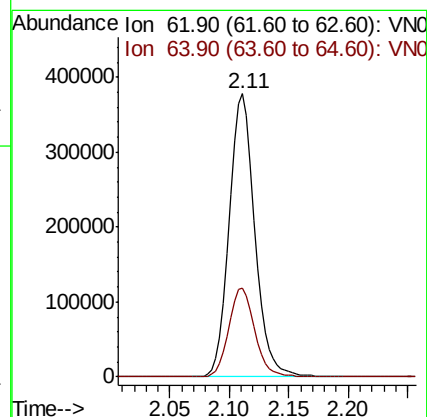
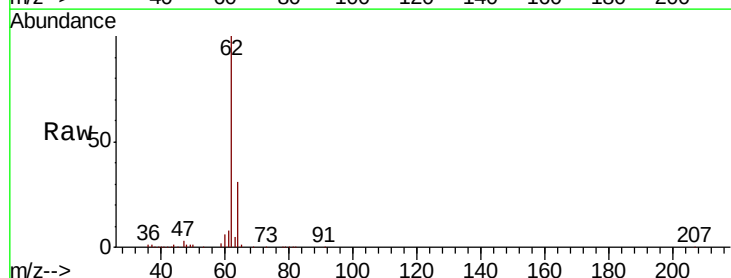
Acq: 8 Aug 2019 15:46

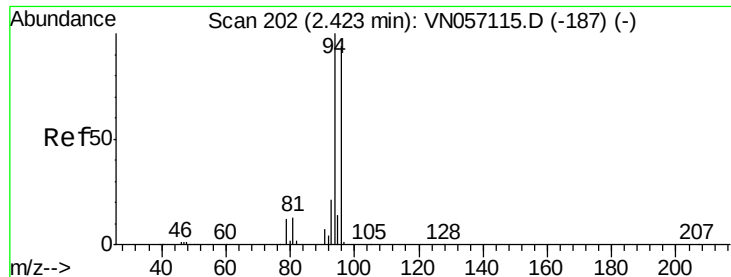
Tgt Ion: 62 Resp: 564036

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 47.992 ug/l

RT: 2.43 min Scan# 204

Delta R.T. 0.01 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

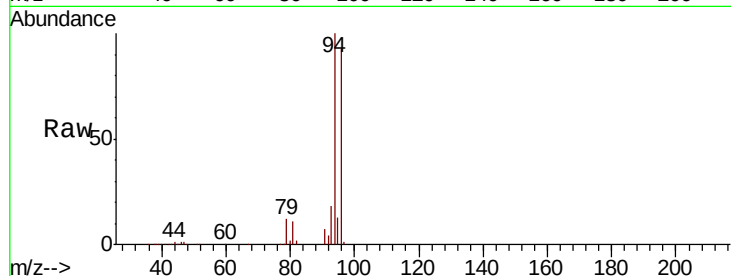
VSTDCCC050EC

Tgt Ion: 94 Resp: 394009

Ion Ratio Lower Upper

94 100

96 93.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.43

200000

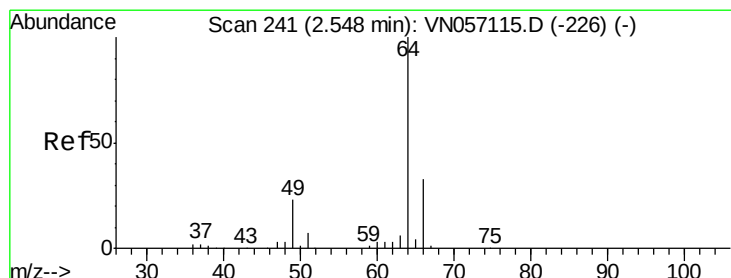
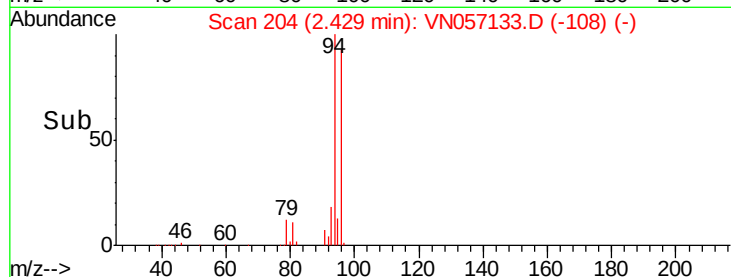
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.842 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.00 min

Lab File: VN057133.D

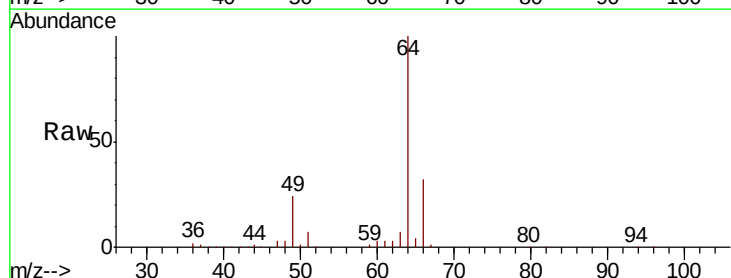
Acq: 8 Aug 2019 15:46

Tgt Ion: 64 Resp: 370788

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.55

200000

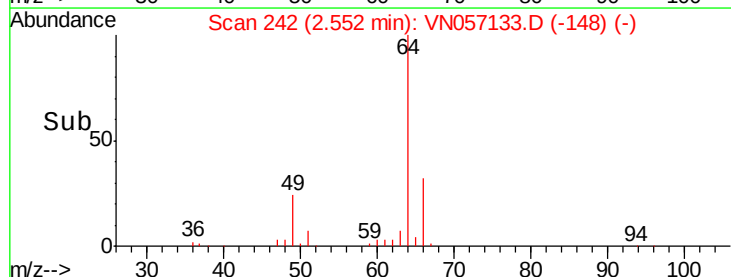
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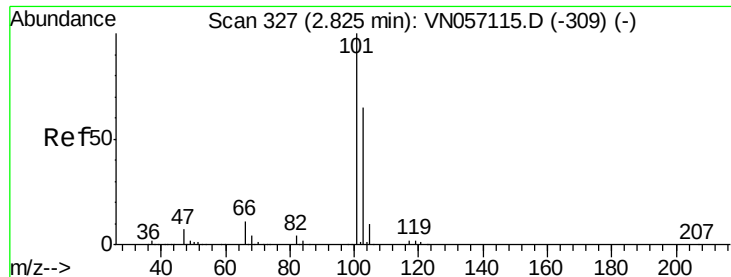
100000

50000

0

Time-->



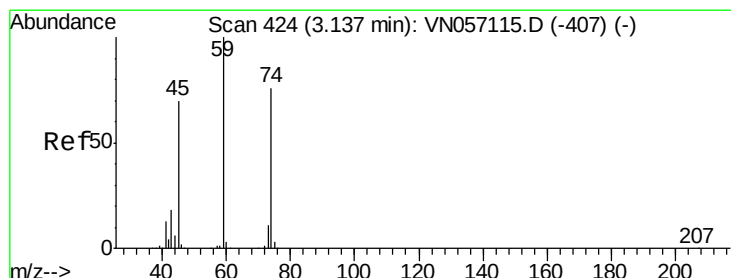
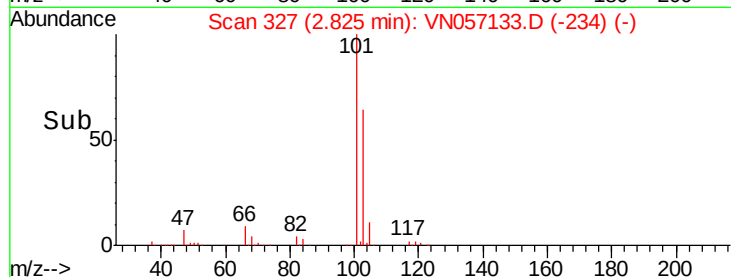
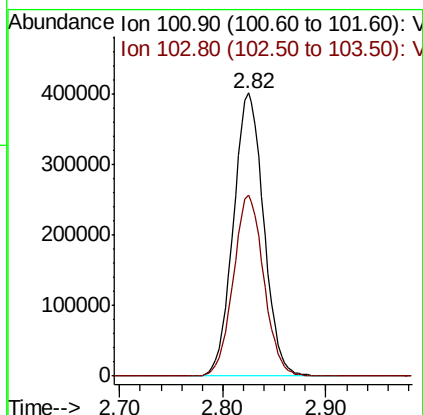
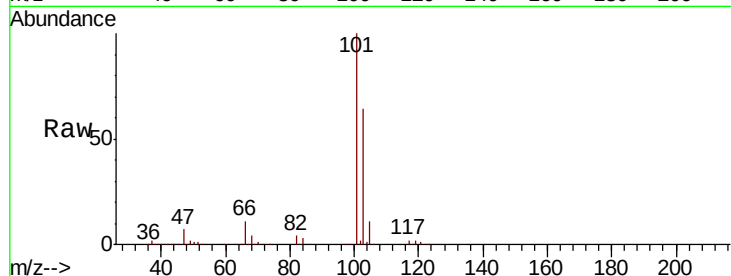


#7

Trichlorofluoromethane
 Concen: 47.321 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. -0.00 min
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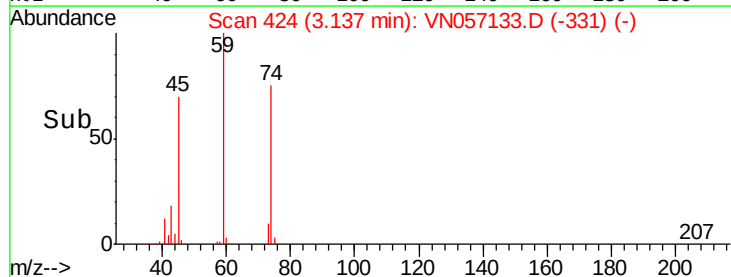
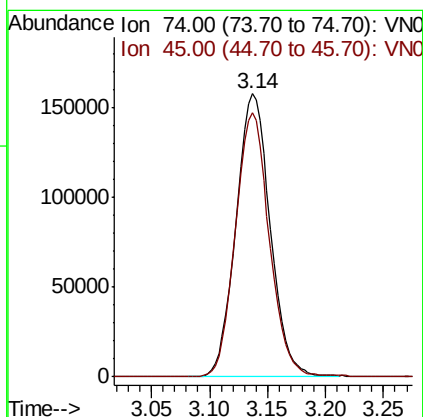
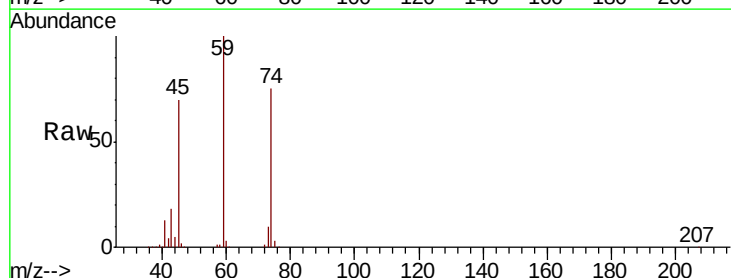
Tgt Ion: 101 Resp: 821862
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

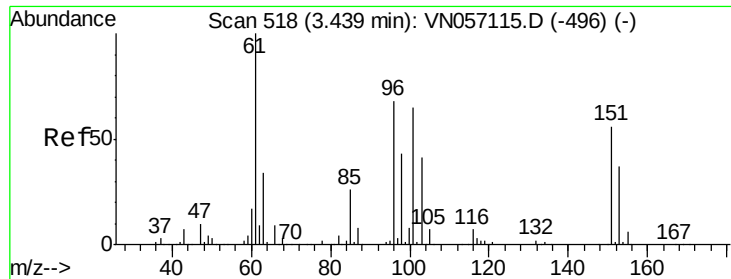


#8

Diethyl Ether
 Concen: 48.186 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 74 Resp: 323341
 Ion Ratio Lower Upper
 74 100
 45 92.7 46.3 138.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.819 ug/l

RT: 3.44 min Scan# 517

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

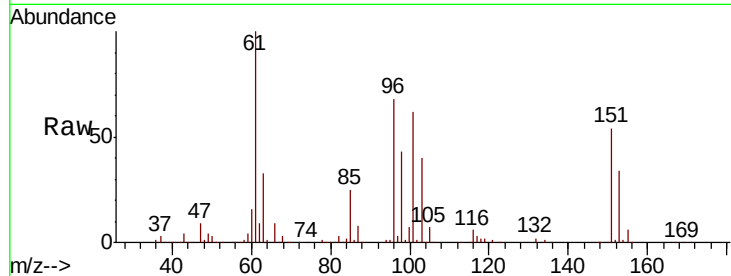
Tgt Ion:101 Resp: 513997

Ion Ratio Lower Upper

101 100

85 41.2 32.3 48.5

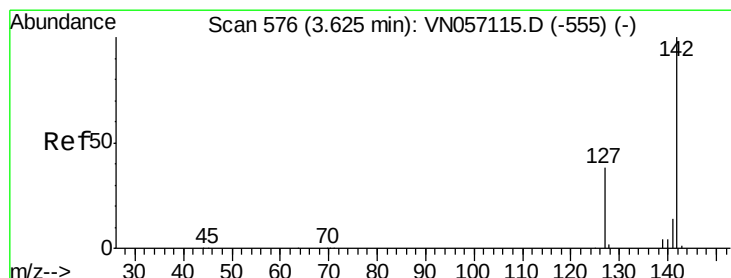
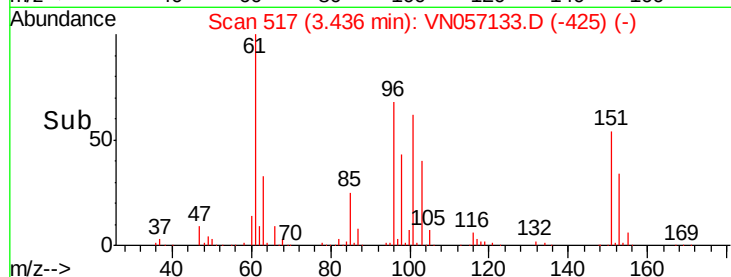
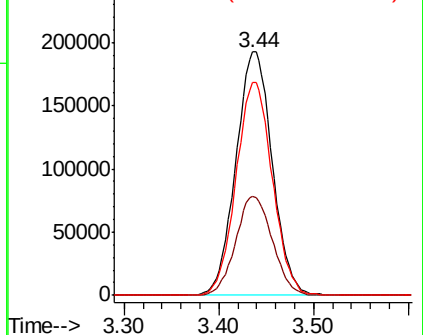
151 87.4 69.4 104.0



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: 50.095 ug/l

RT: 3.63 min Scan# 576

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

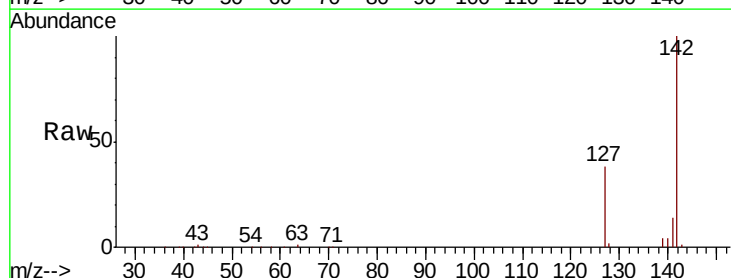
Tgt Ion:142 Resp: 797041

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.6

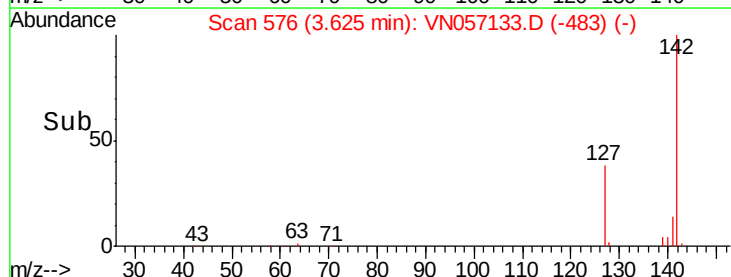
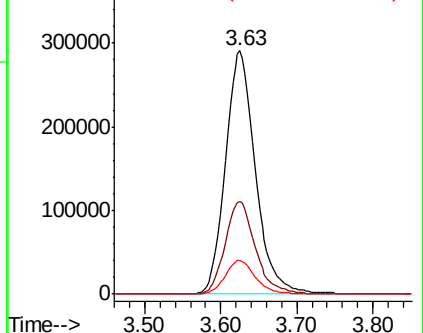
141 14.1 11.2 16.8

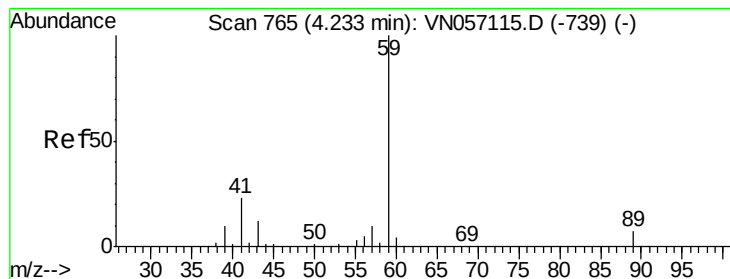


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



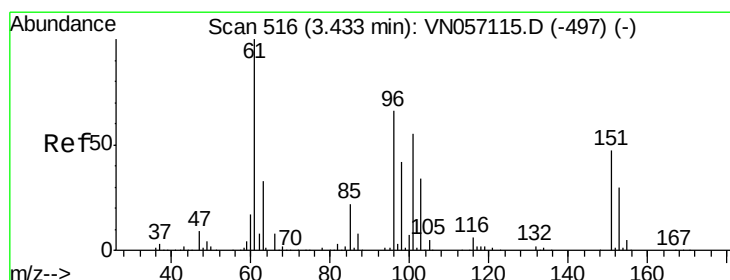
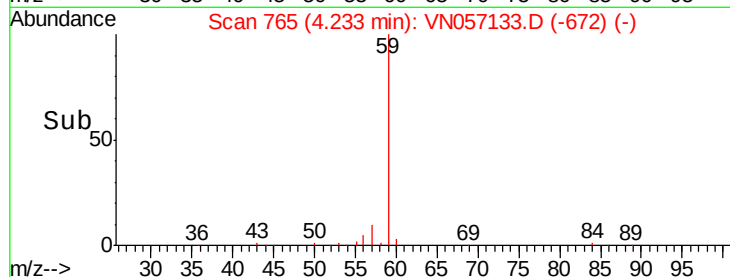
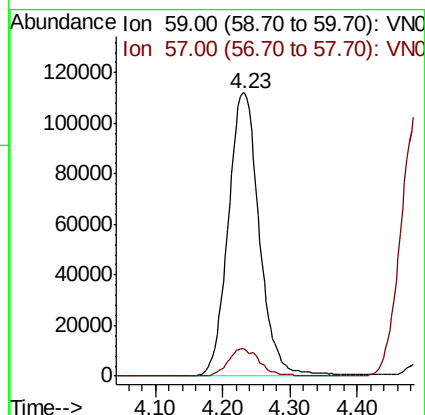
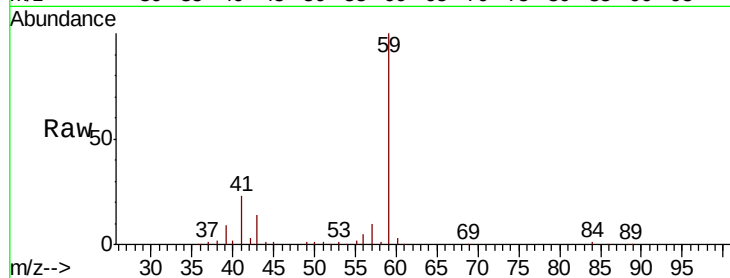


#11

Tert butyl alcohol
 Concen: 202.019 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

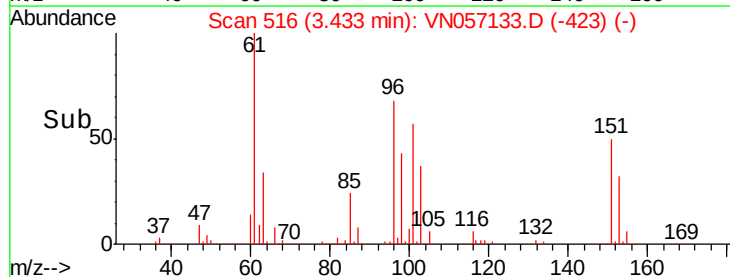
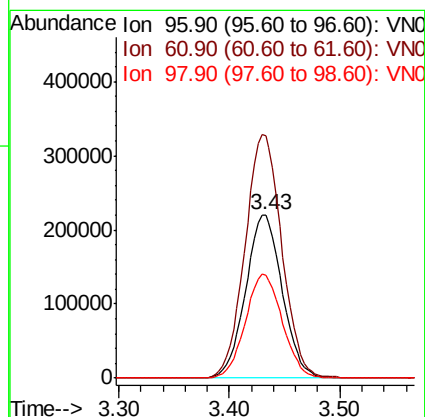
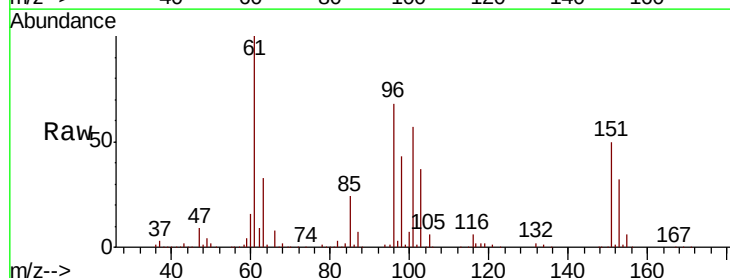
Tgt Ion: 59 Resp: 359889
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

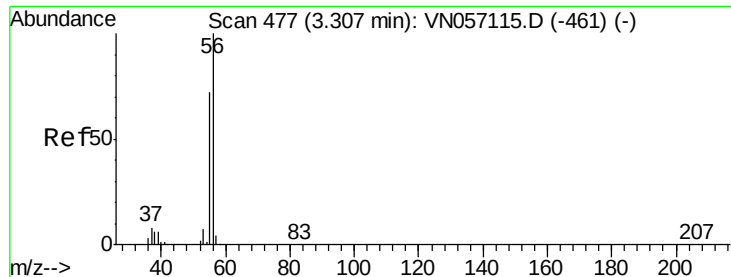


#12

1,1-Dichloroethene
 Concen: 48.873 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 96 Resp: 506213
 Ion Ratio Lower Upper
 96 100
 61 148.0 121.0 181.6
 98 63.1 50.8 76.2





#13

Acrolein

Concen: 229.242 ug/l

RT: 3.31 min Scan# 477

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

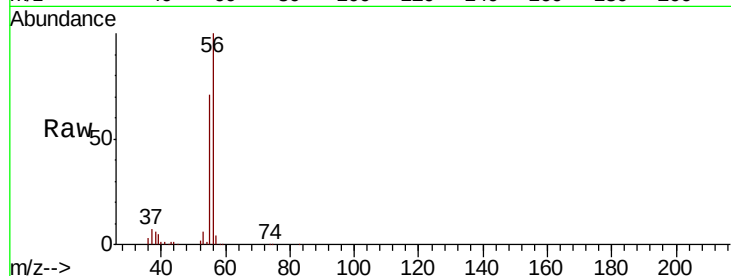
VSTDCCC050EC

Tgt Ion: 56 Resp: 258353

Ion Ratio Lower Upper

56 100

55 72.2 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

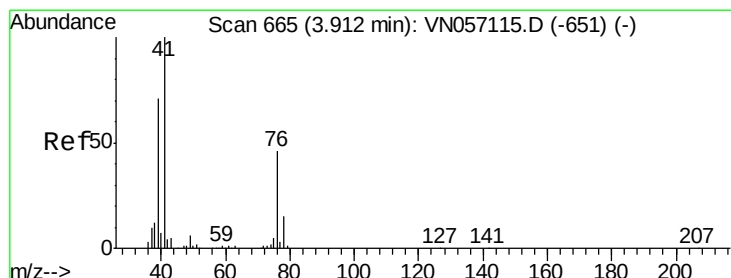
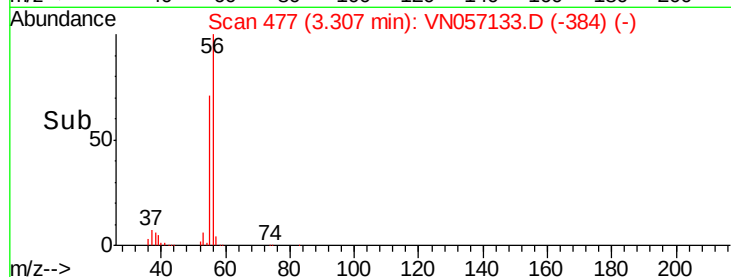
3.31

100000

50000

0

Time--> 3.20 3.25 3.30 3.35 3.40



#14

Allyl chloride

Concen: 49.437 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

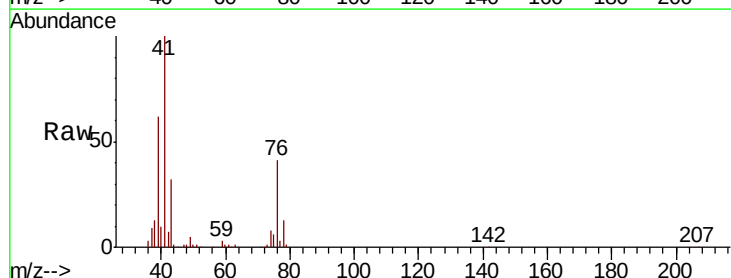
Tgt Ion: 41 Resp: 744149

Ion Ratio Lower Upper

41 100

39 63.7 51.1 76.7

76 40.3 32.8 49.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

3.91

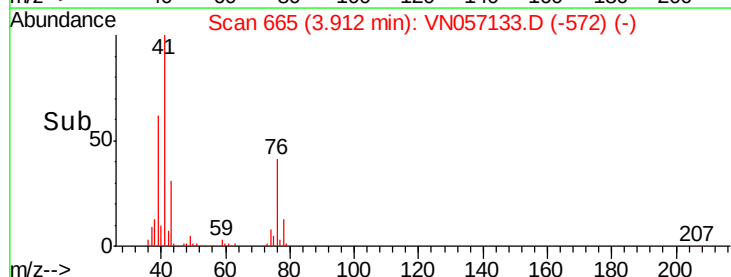
300000

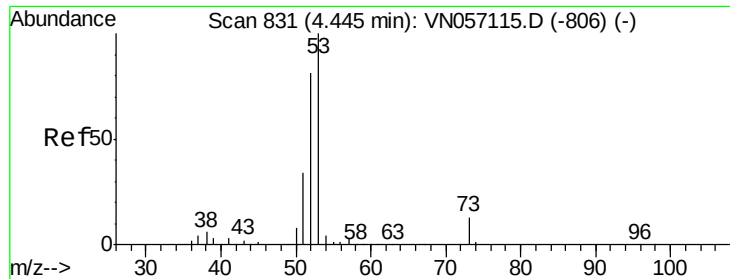
200000

100000

0

Time--> 3.80 3.90 4.00





#15

Acrylonitrile

Concen: 239.201 ug/l

RT: 4.44 min Scan# 830

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

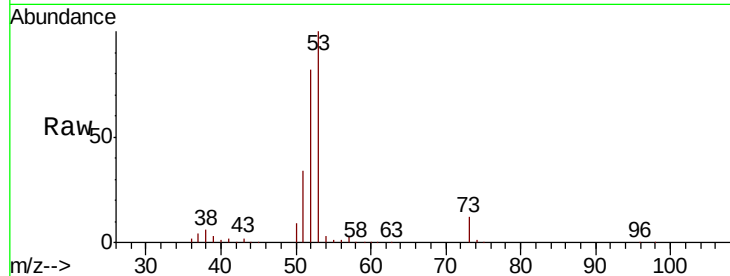
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1153287

Ion	Ratio	Lower	Upper
53	100		
52	82.3	64.9	97.3
51	35.1	27.8	41.6

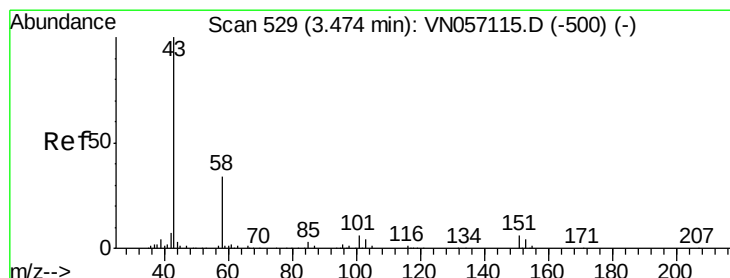
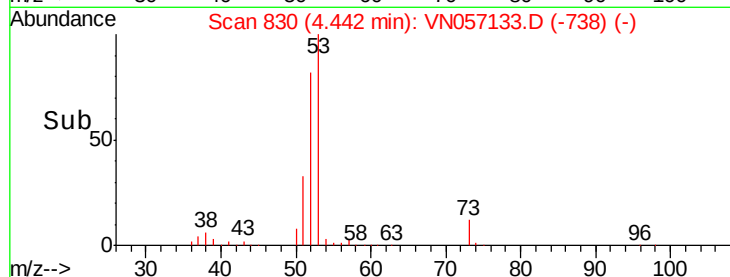
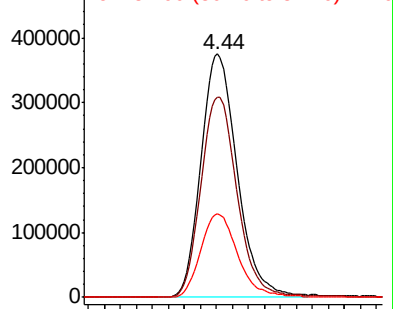


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 222.839 ug/l

RT: 3.47 min Scan# 529

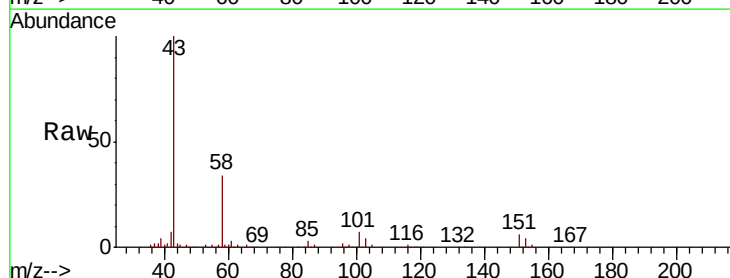
Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Tgt Ion: 43 Resp: 842479

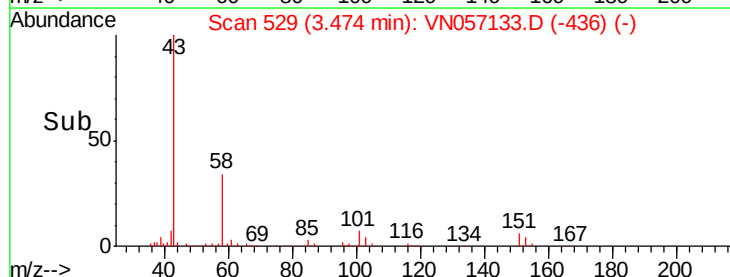
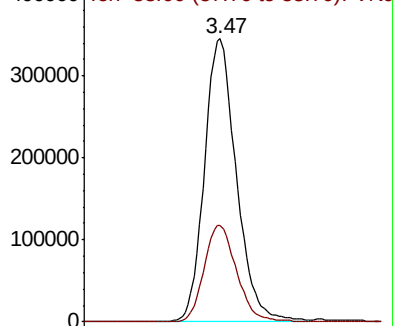
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.4	41.2

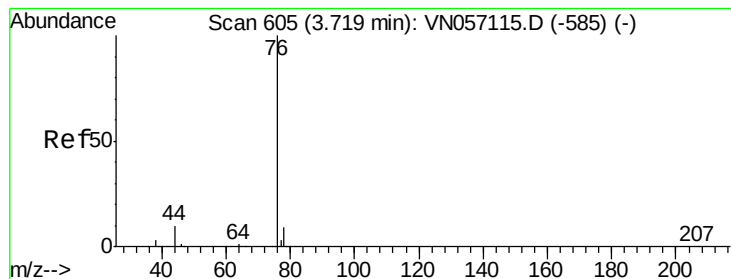


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 49.137 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

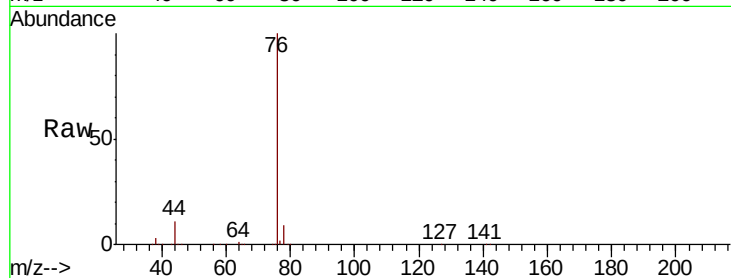
VSTDCCC050EC

Tgt Ion: 76 Resp: 1353981

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057115.D (-585) (-)

Ion 77.90 (77.60 to 78.60): VN057115.D (-585) (-)

3.72

600000

500000

400000

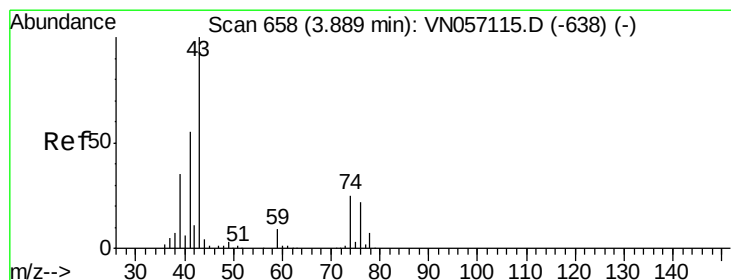
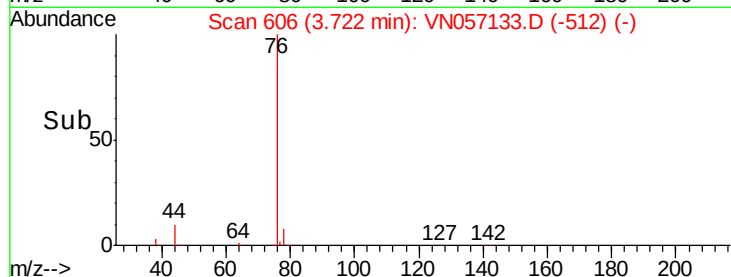
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.944 ug/l

RT: 3.89 min Scan# 658

Delta R.T. 0.00 min

Lab File: VN057133.D

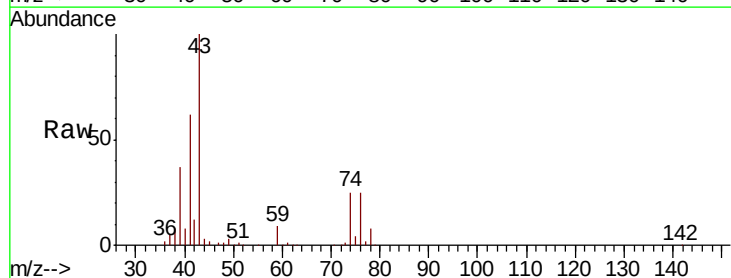
Acq: 8 Aug 2019 15:46

Tgt Ion: 43 Resp: 562589

Ion Ratio Lower Upper

43 100

74 25.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-638) (-)

Ion 74.00 (73.70 to 74.70): VN057115.D (-638) (-)

3.89

250000

200000

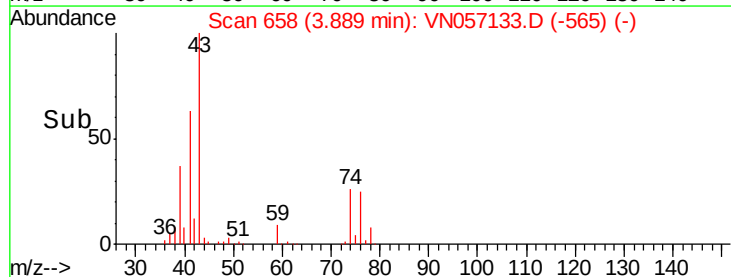
150000

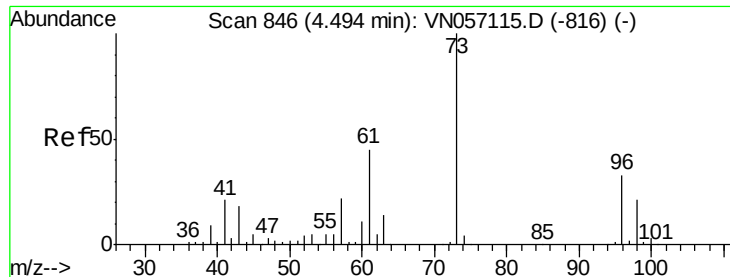
100000

50000

0

Time-->

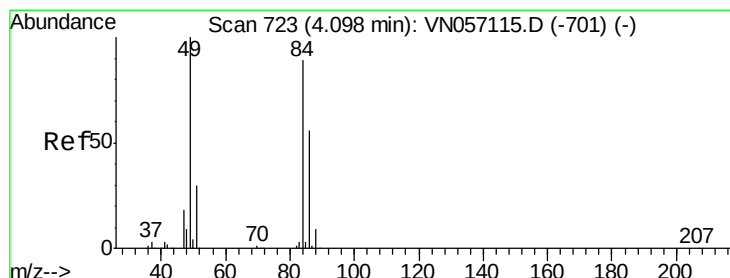
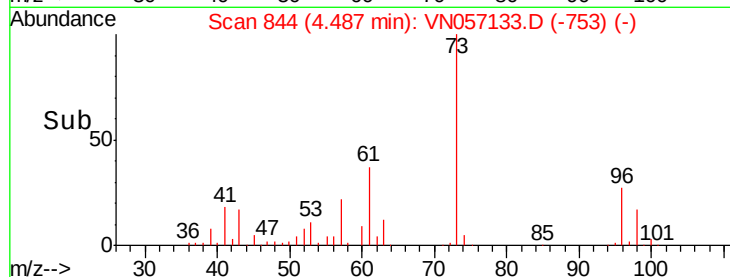
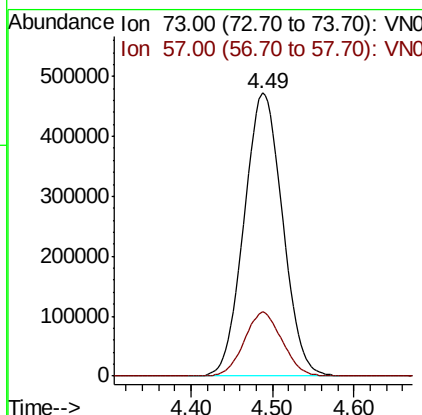
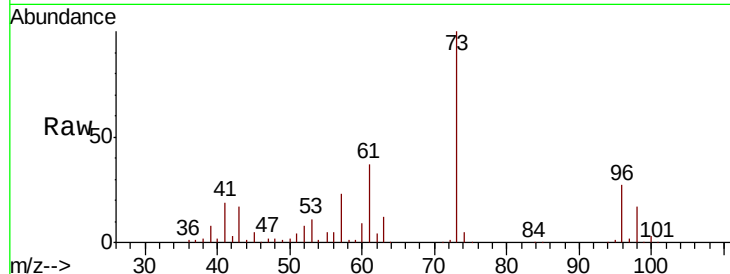




#19
Methyl tert-butyl Ether
Concen: 49.340 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

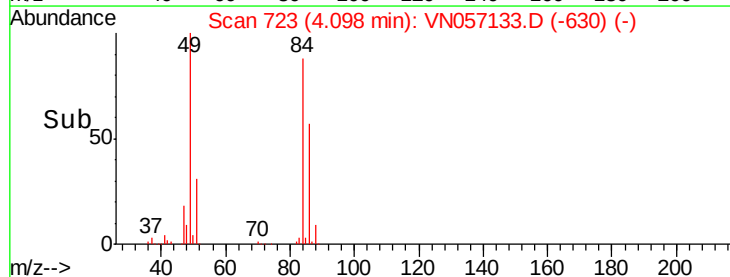
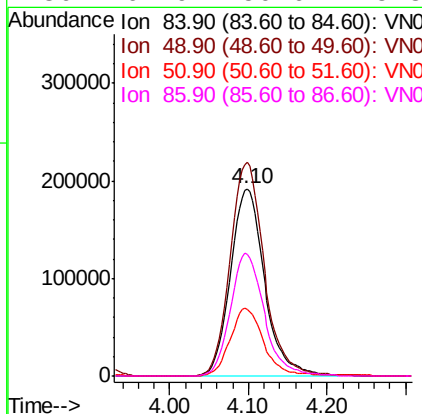
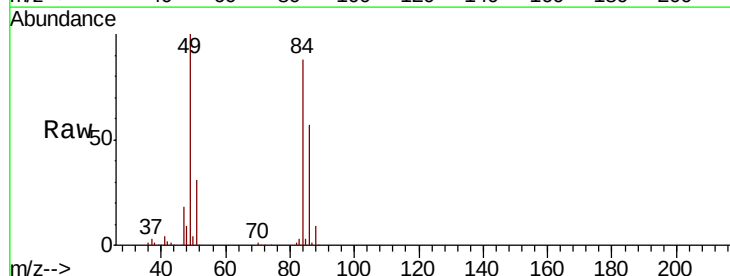
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

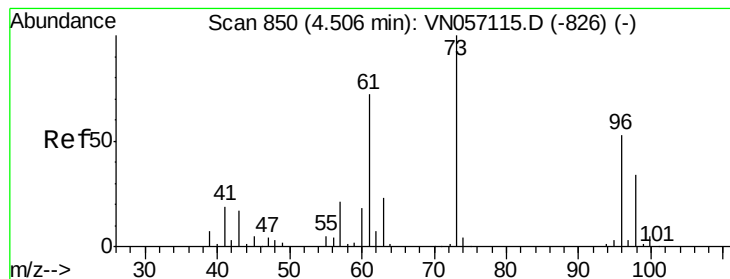
Tgt Ion: 73 Resp: 1542846
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 46.495 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 84 Resp: 580130
Ion Ratio Lower Upper
84 100
49 113.8 89.5 134.3
51 35.5 27.2 40.8
86 64.9 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.912 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

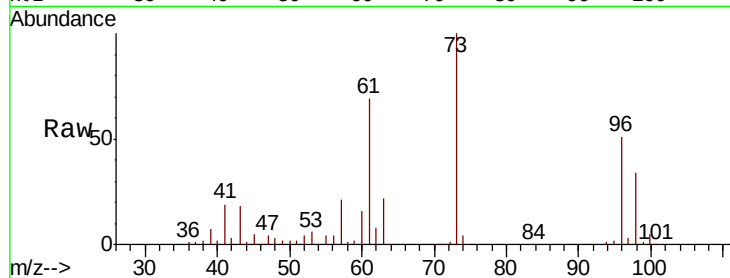
Tgt Ion: 96 Resp: 540599

Ion Ratio Lower Upper

96 100

61 135.5 108.1 162.1

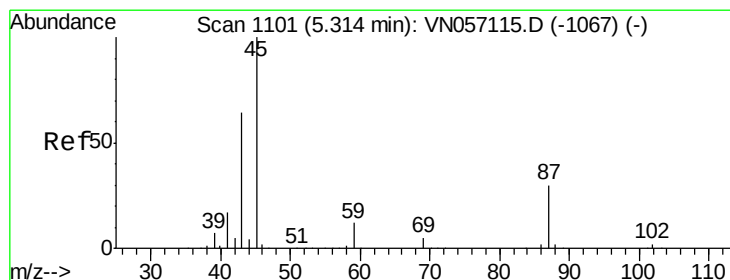
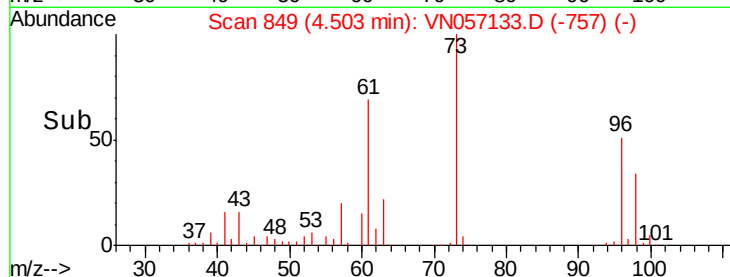
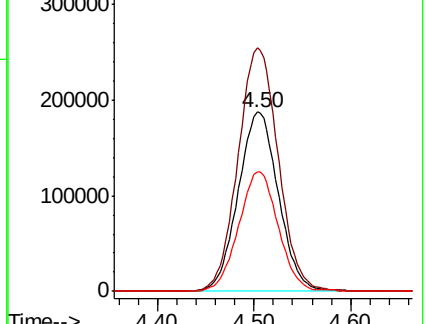
98 66.9 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.733 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Tgt Ion: 45 Resp: 1600032

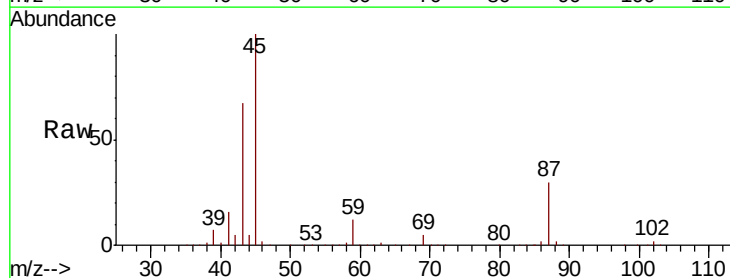
Ion Ratio Lower Upper

45 100

43 66.3 54.1 81.1

87 29.8 24.0 36.0

59 12.0 10.0 15.0

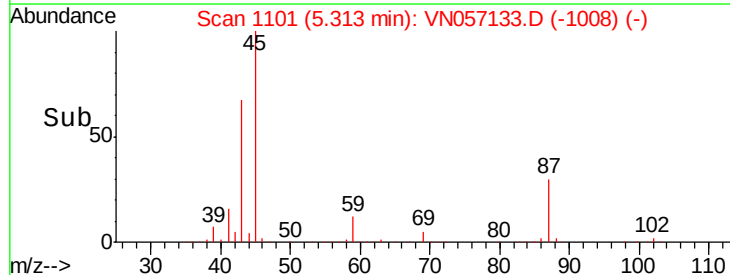
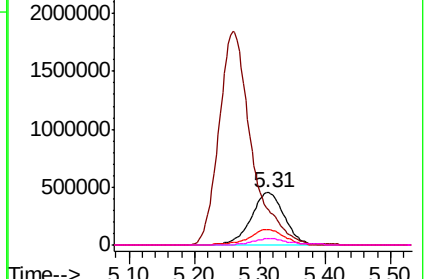


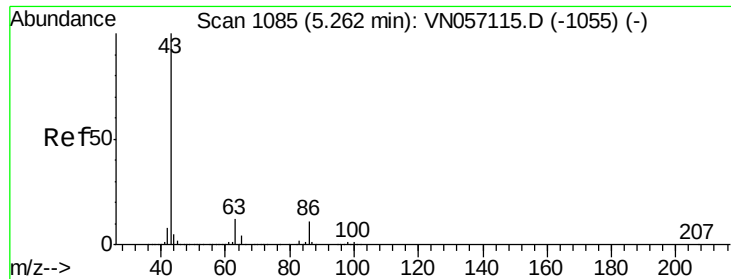
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 254.279 ug/l

RT: 5.26 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

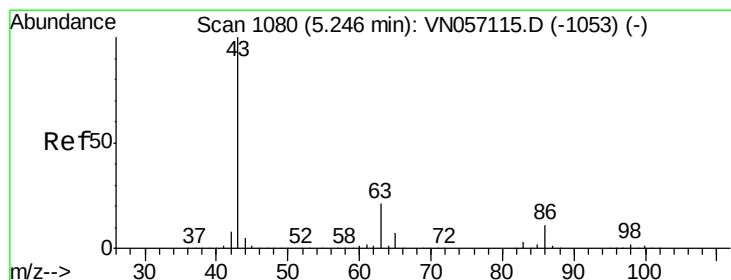
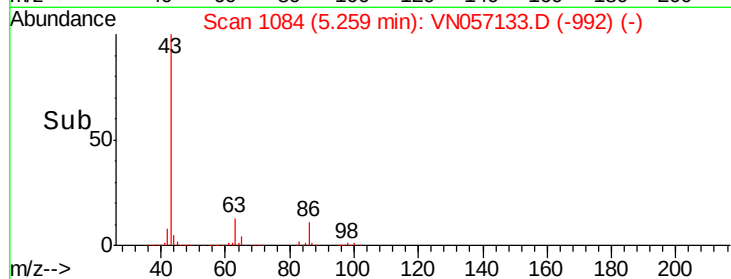
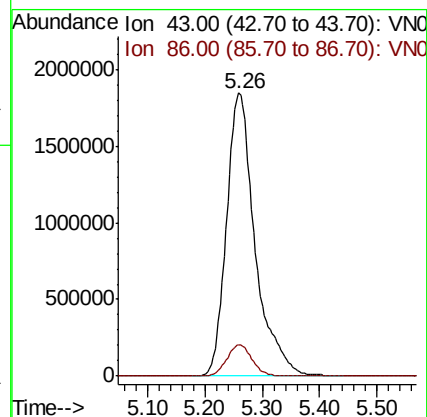
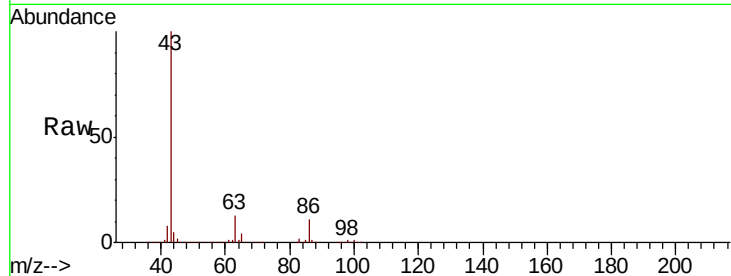
VSTDCCC050EC

Tgt Ion: 43 Resp: 6393131

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 48.421 ug/l

RT: 5.25 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

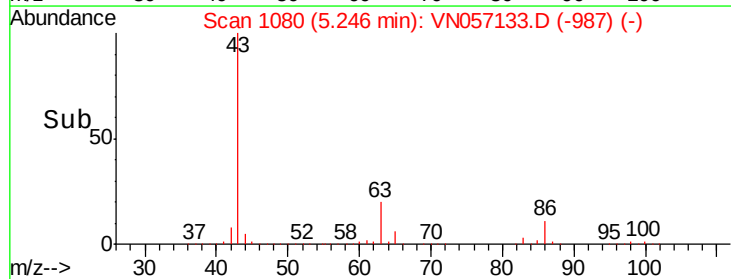
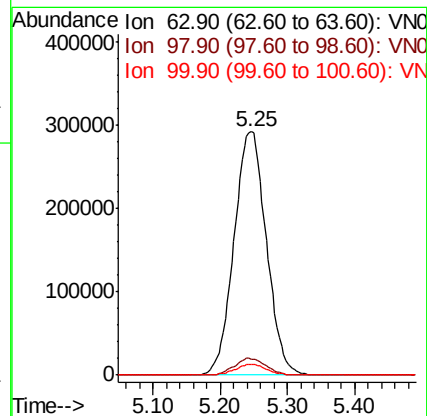
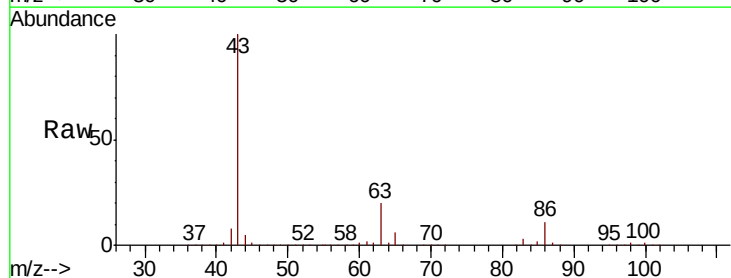
Tgt Ion: 63 Resp: 977304

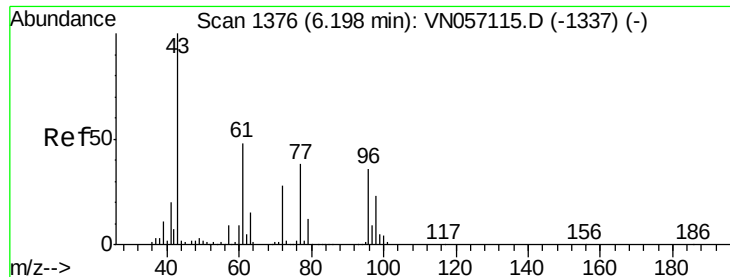
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 238.620 ug/l

RT: 6.20 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampled :

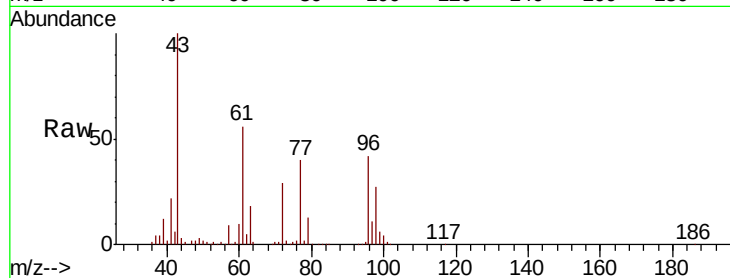
VSTDCCC050EC

Tgt Ion: 43 Resp: 1378331

Ion Ratio Lower Upper

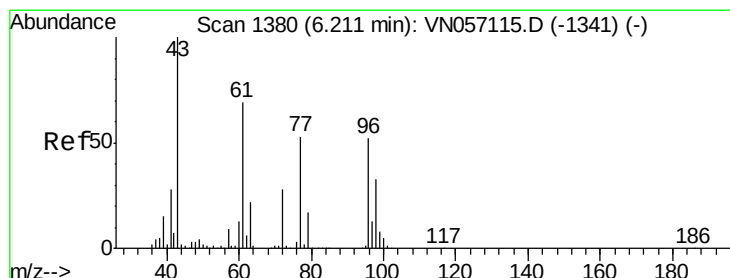
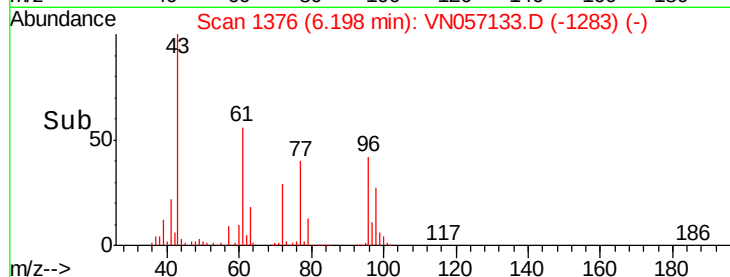
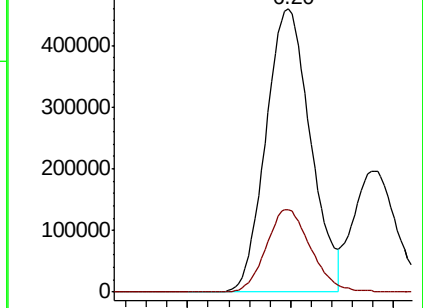
43 100

72 29.3 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 48.726 ug/l

RT: 6.21 min Scan# 1379

Delta R.T. -0.00 min

Lab File: VN057133.D

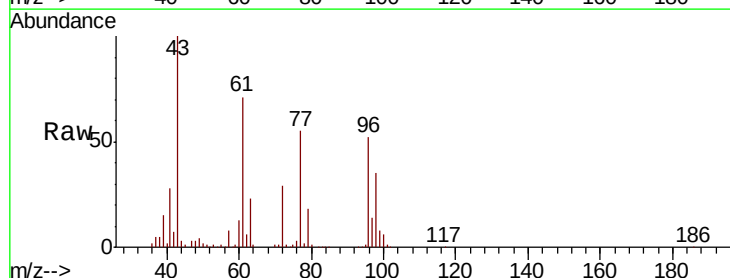
Acq: 8 Aug 2019 15:46

Tgt Ion: 77 Resp: 715496

Ion Ratio Lower Upper

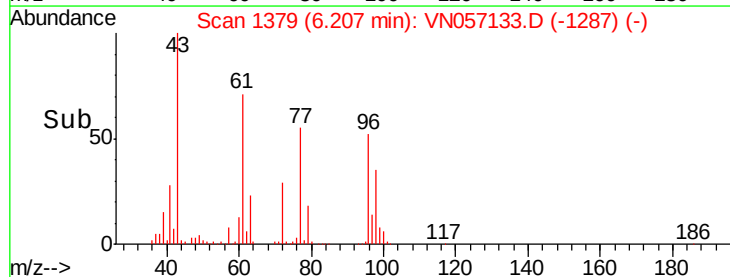
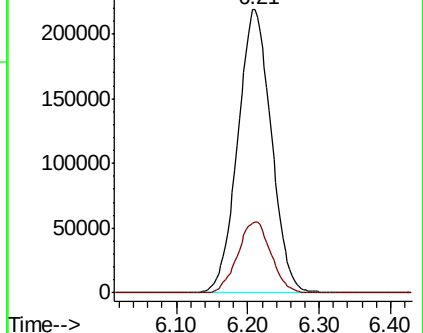
77 100

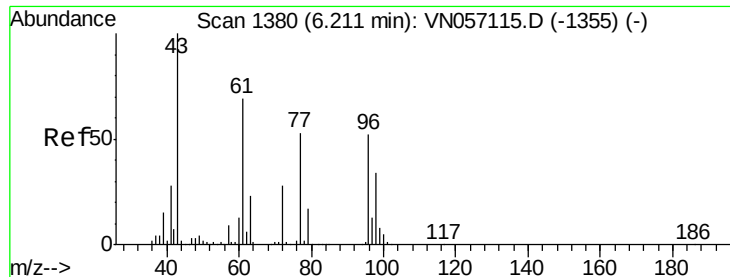
97 25.0 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

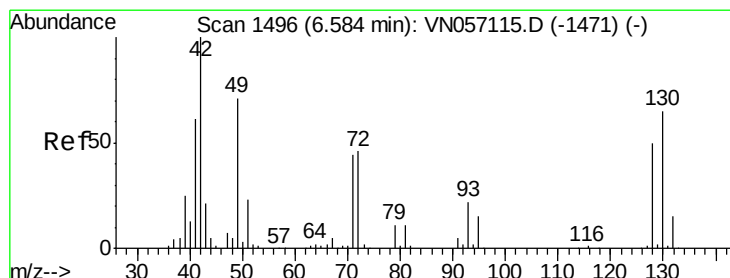
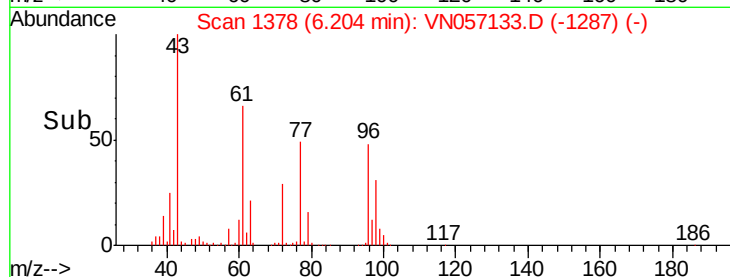
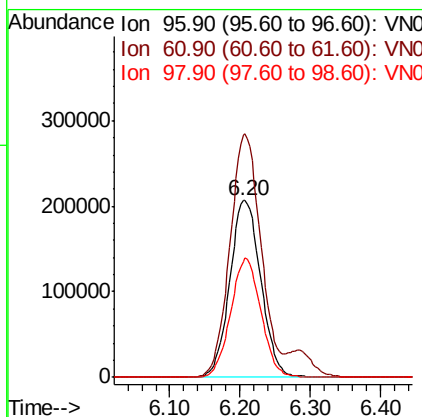
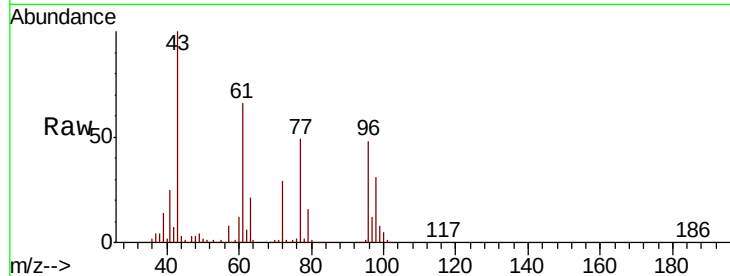




#27
 cis-1,2-Dichloroethene
 Concen: 49.212 ug/l
 RT: 6.20 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

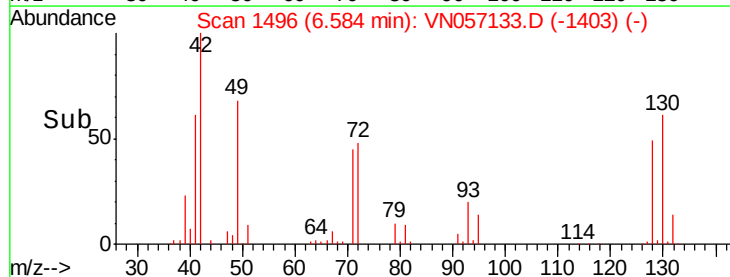
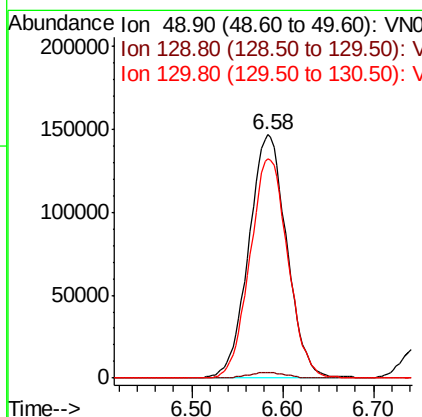
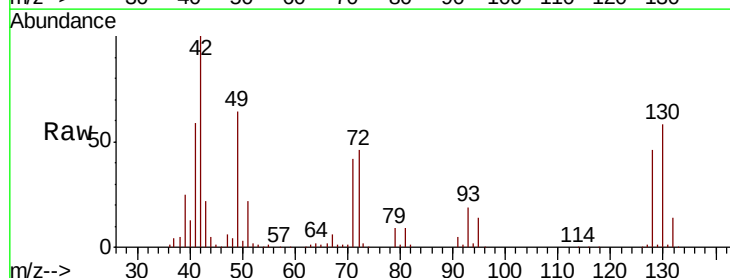
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

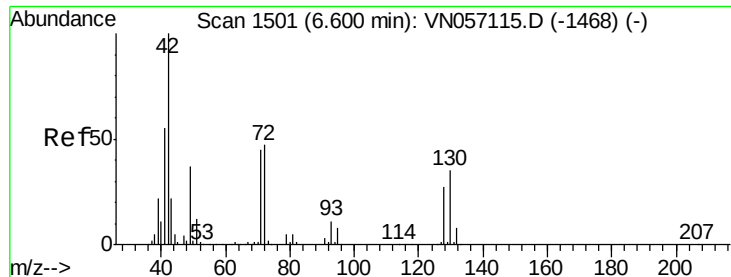
Tgt Ion: 96 Resp: 636109
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 273.4
 98 65.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 45.830 ug/l
 RT: 6.58 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 49 Resp: 425472
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 90.0 73.8 110.8

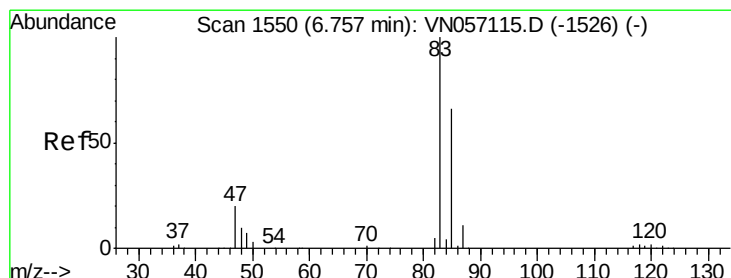
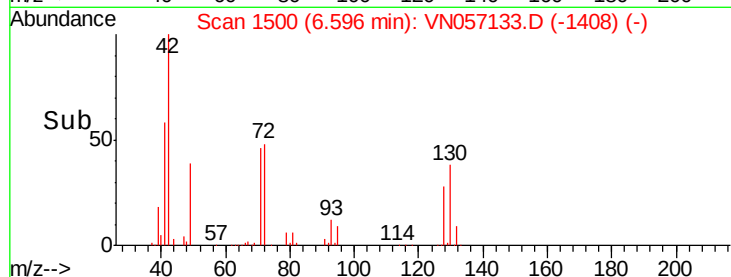
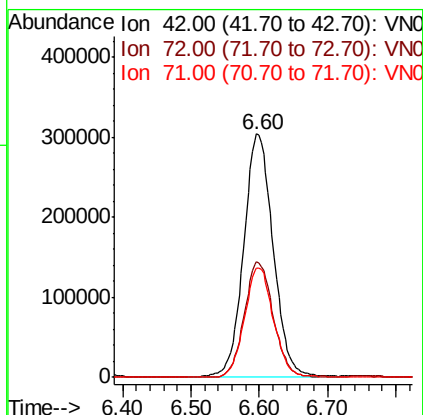
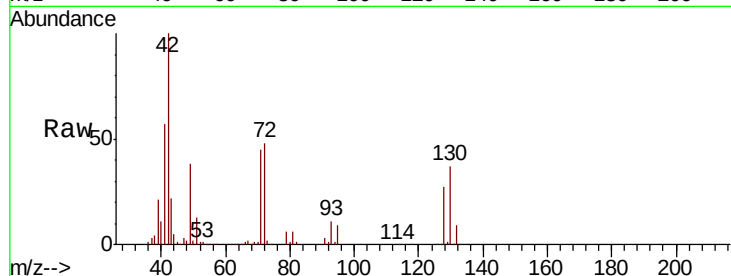




#29
Tetrahydrofuran
Concen: 234.653 ug/l
RT: 6.60 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

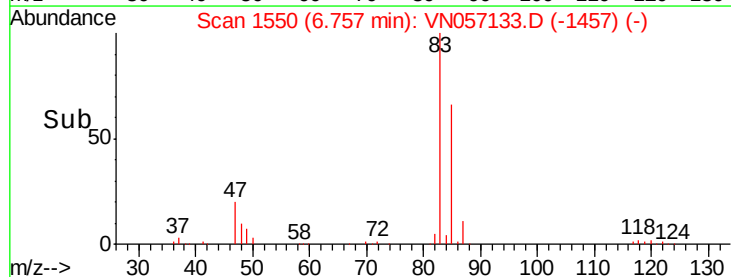
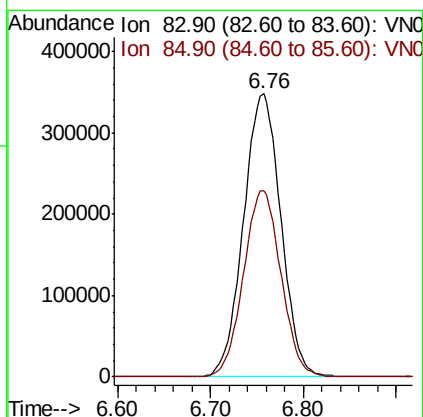
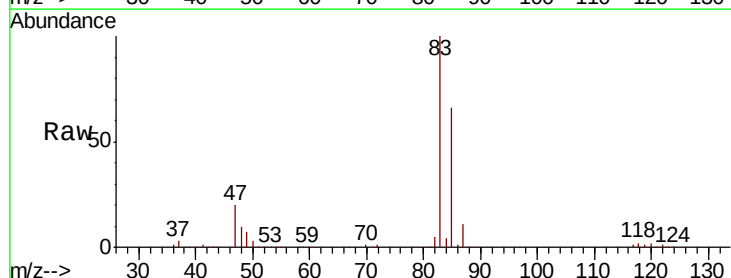
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

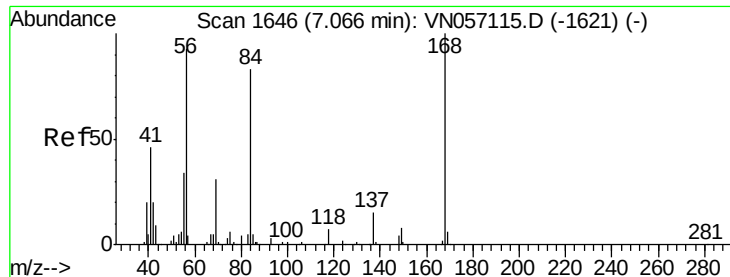
Tgt Ion: 42 Resp: 913068
Ion Ratio Lower Upper
42 100
72 46.6 37.1 55.7
71 44.4 34.8 52.2



#30
Chloroform
Concen: 46.711 ug/l
RT: 6.76 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 83 Resp: 975790
Ion Ratio Lower Upper
83 100
85 65.8 52.6 78.8

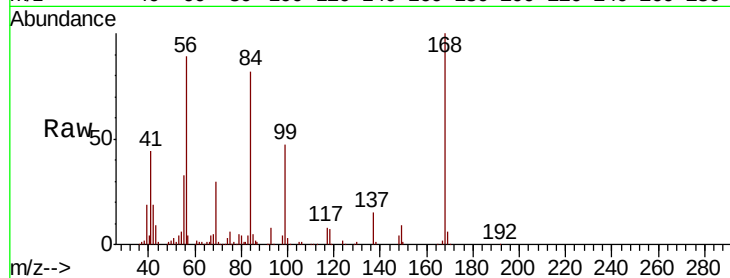




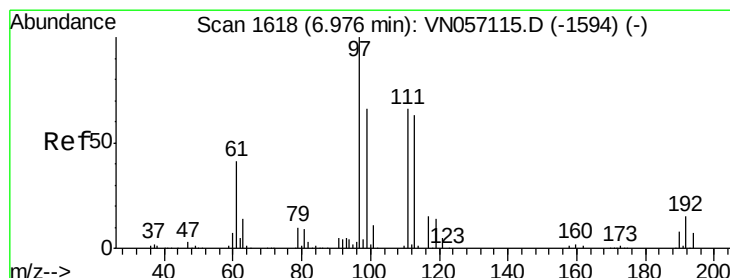
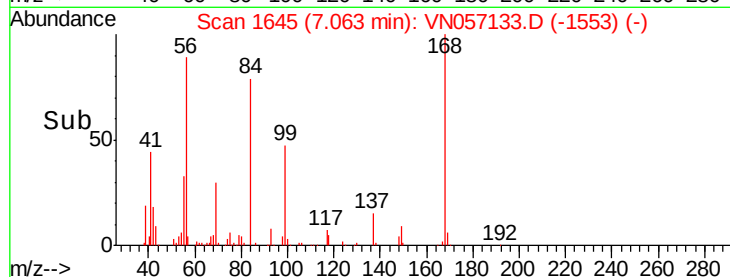
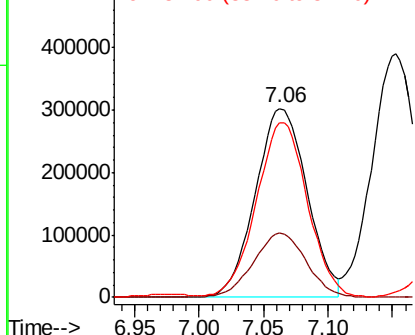
#31
Cyclohexane
Concen: 46.510 ug/l
RT: 7.06 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 844555
Ion Ratio Lower Upper
56 100
69 34.4 26.9 40.3
84 91.1 71.9 107.9

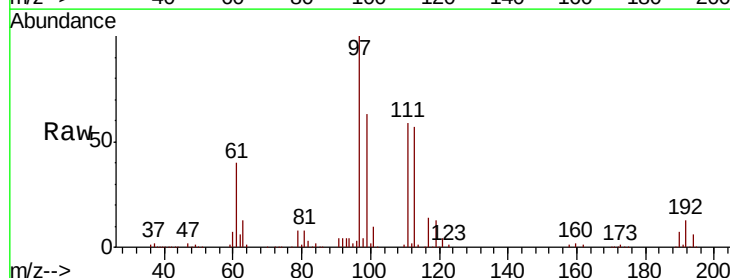


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

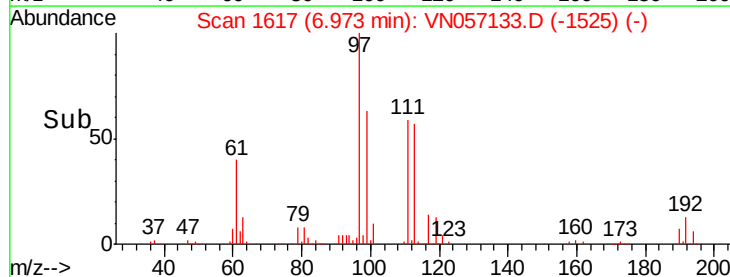
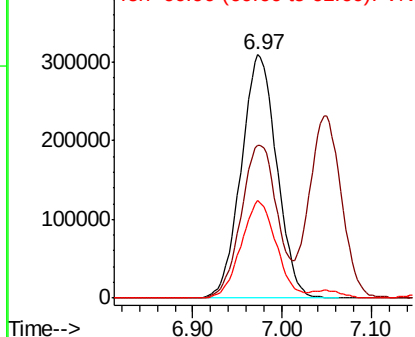


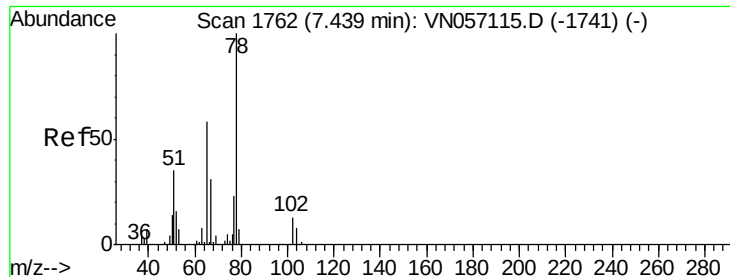
#32
1,1,1-Trichloroethane
Concen: 48.910 ug/l
RT: 6.97 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 97 Resp: 857108
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 39.6 32.7 49.1



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

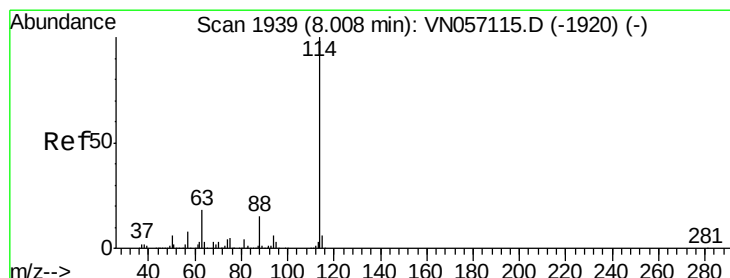
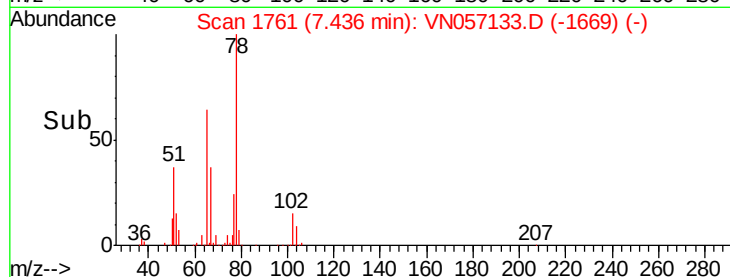
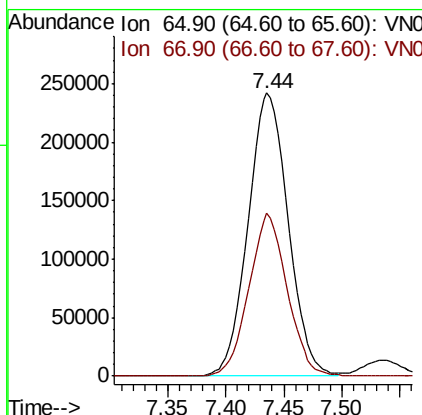
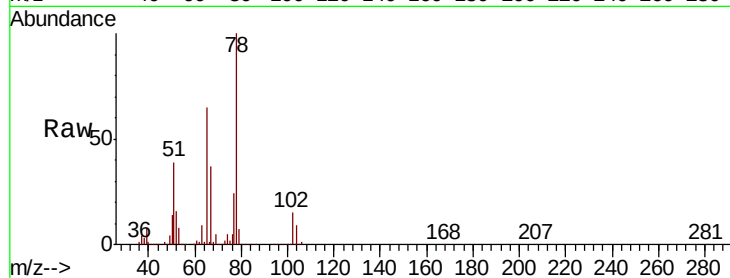




#33
 1,2-Dichloroethane-d4
 Concen: 46.566 ug/l
 RT: 7.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

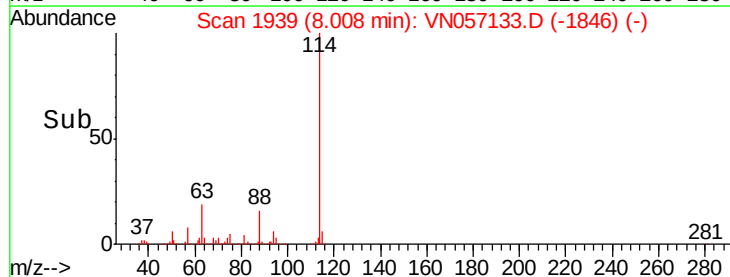
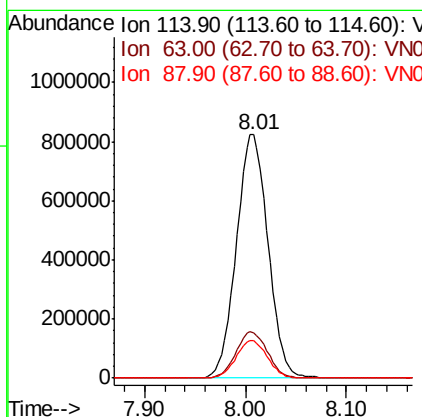
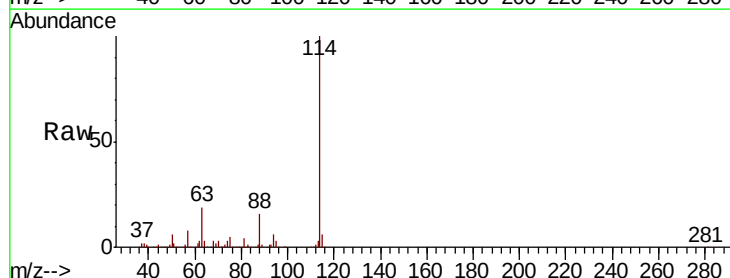
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

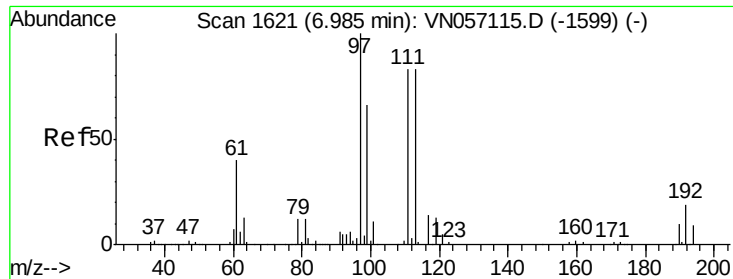
Tgt Ion: 65 Resp: 582940
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 114 Resp: 1790669
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 15.5 0.0 30.0

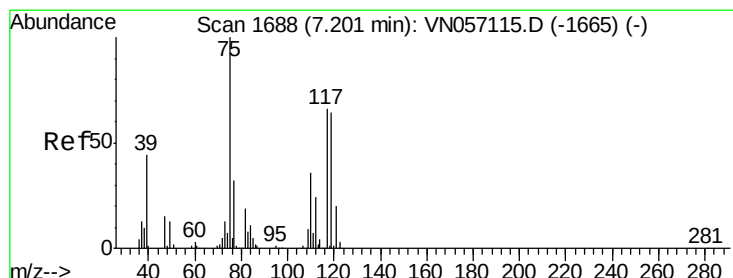
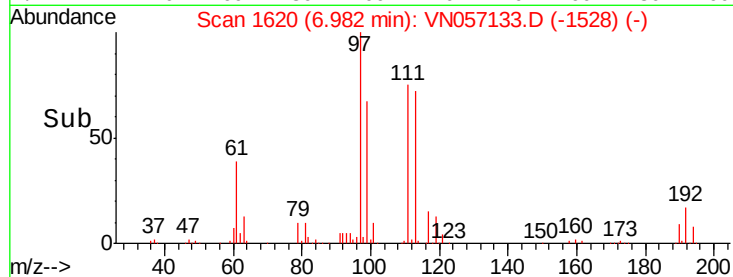
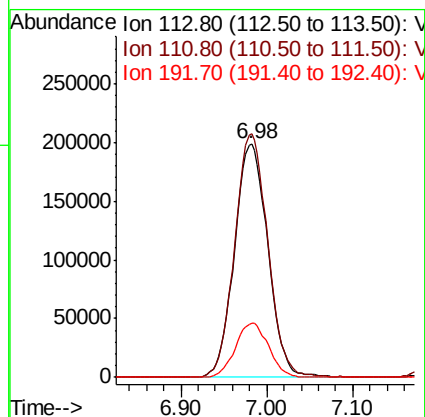
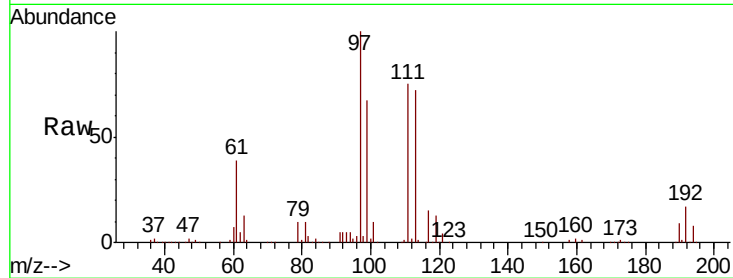




#35
 Dibromofluoromethane
 Concen: 47.764 ug/l
 RT: 6.98 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

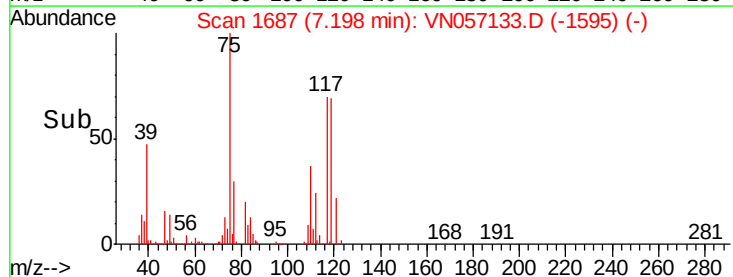
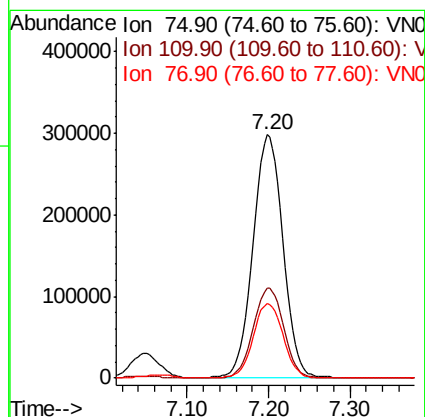
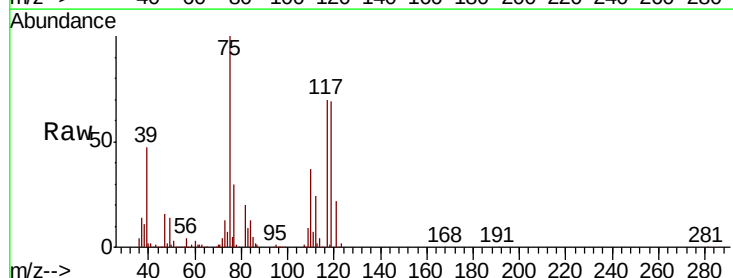
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

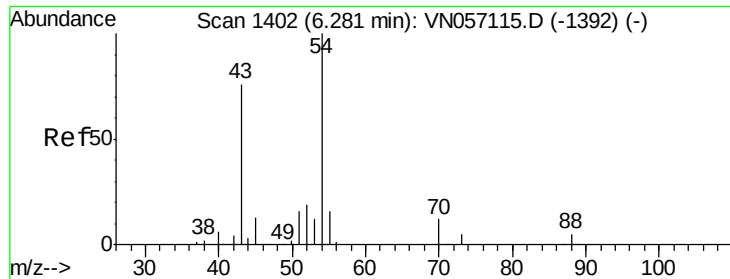
Tgt Ion: 113 Resp: 536714
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.3 121.9
 192 23.1 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 51.154 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 75 Resp: 754189
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.7 56.1
 77 30.8 25.0 37.4

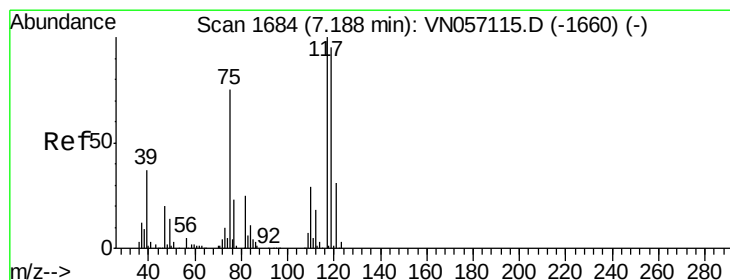
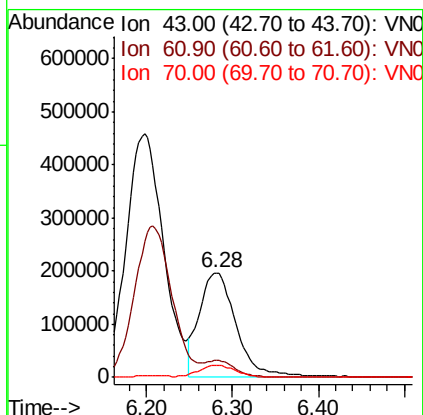
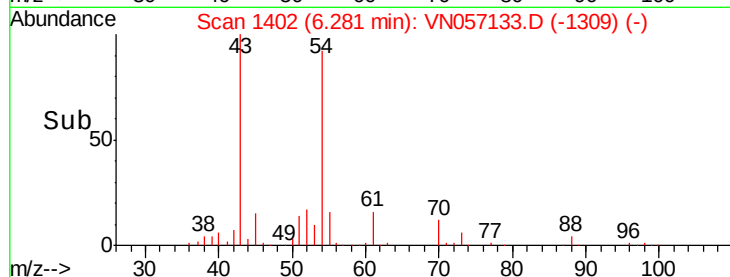
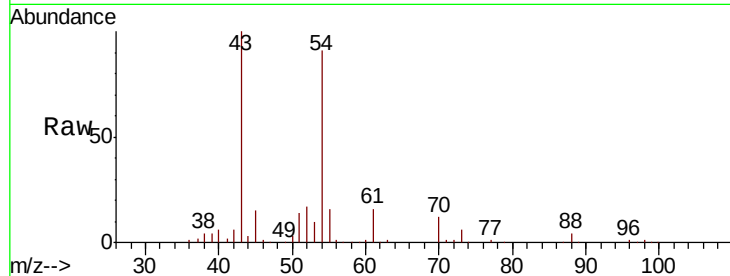




#37
Ethyl Acetate
 Concen: 47.581 ug/l
 RT: 6.28 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

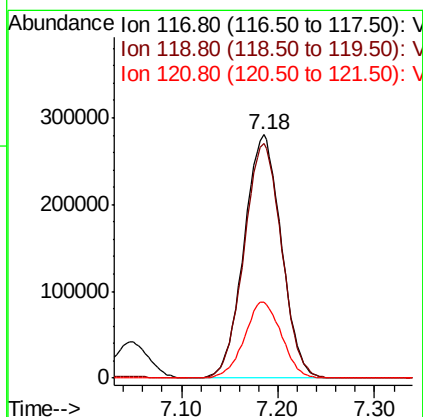
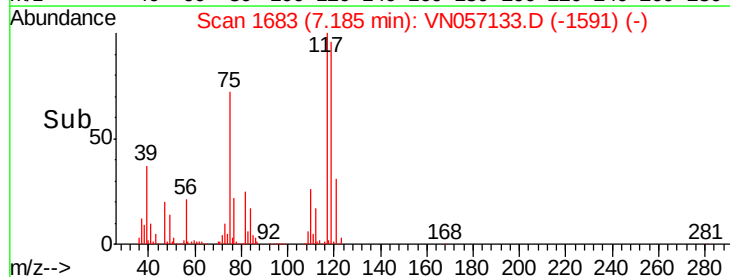
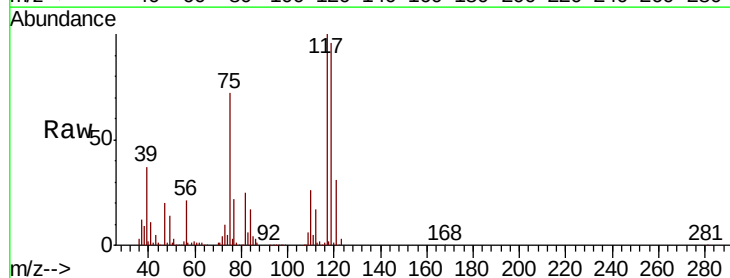
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

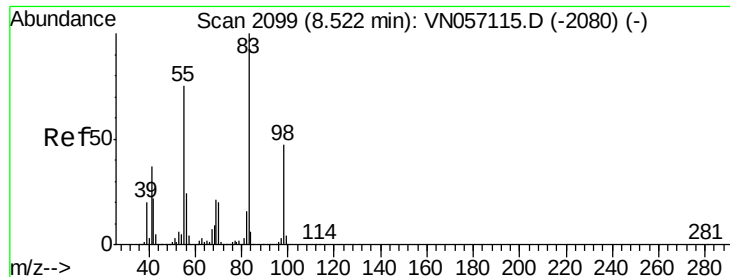
Tgt Ion: 43 Resp: 578288
 Ion Ratio Lower Upper
 43 100
 61 0.0 0.0 0.0
 70 11.5 9.1 13.7



#38
Carbon Tetrachloride
 Concen: 48.703 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 117 Resp: 748340
 Ion Ratio Lower Upper
 117 100
 119 96.2 75.8 113.6
 121 31.2 24.4 36.6

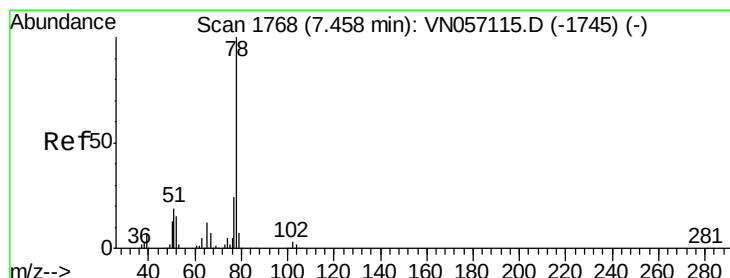
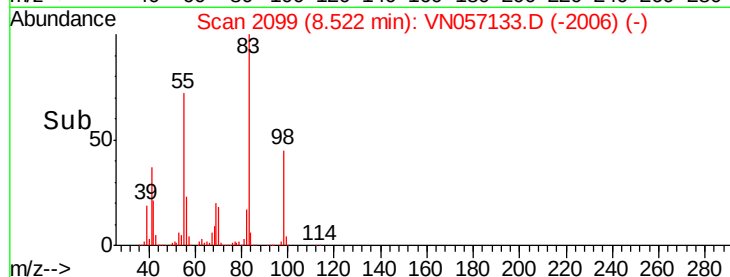
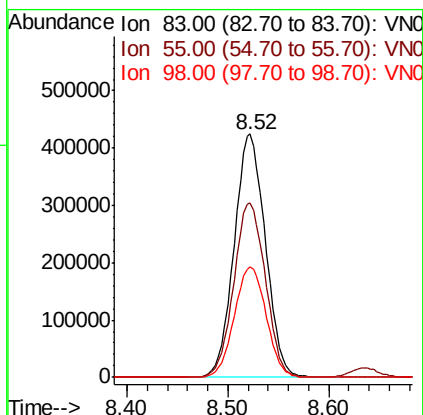
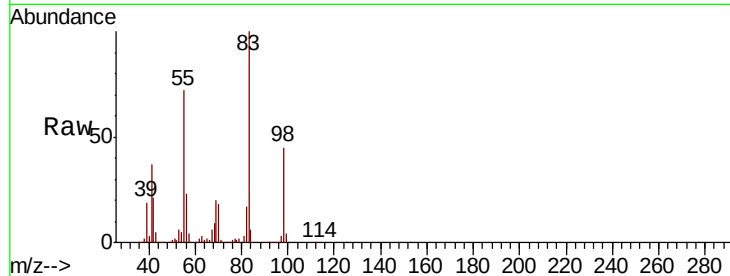




#39
Methylcyclohexane
Concen: 50.748 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

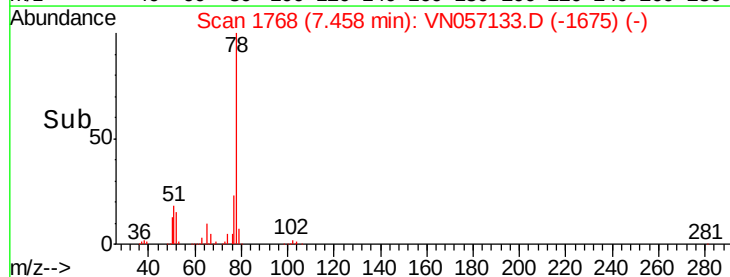
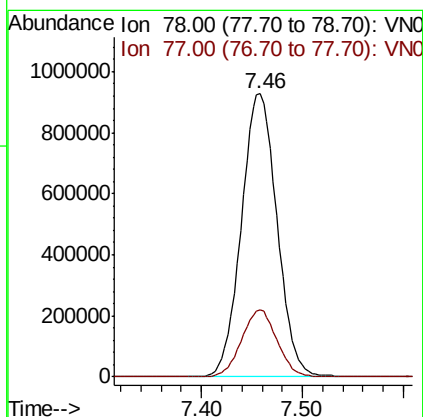
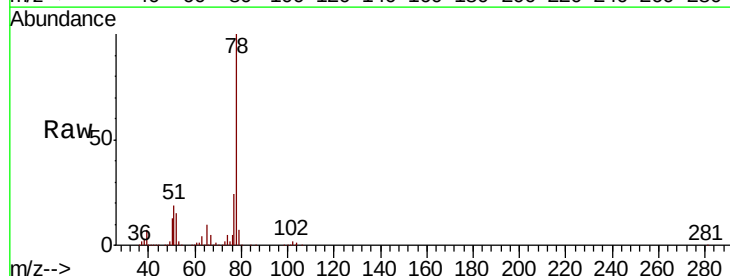
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

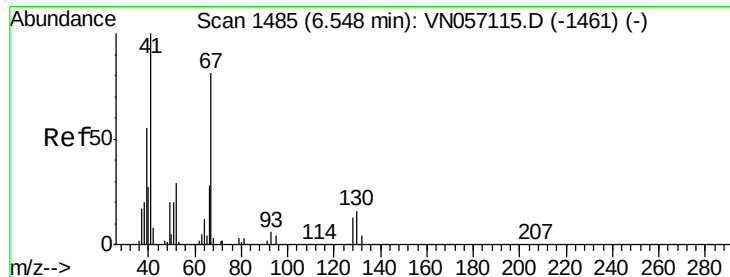
Tgt Ion: 83 Resp: 909876
Ion Ratio Lower Upper
83 100
55 71.6 60.3 90.5
98 45.2 37.9 56.9



#40
Benzene
Concen: 48.633 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 78 Resp: 2269912
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 48.618 ug/l

RT: 6.54 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 300150

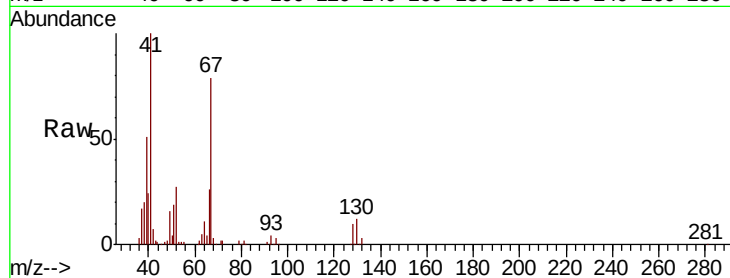
Ion Ratio Lower Upper

41 100

39 57.5 44.9 67.3

67 89.4 69.1 103.7

52 32.9 25.8 38.6

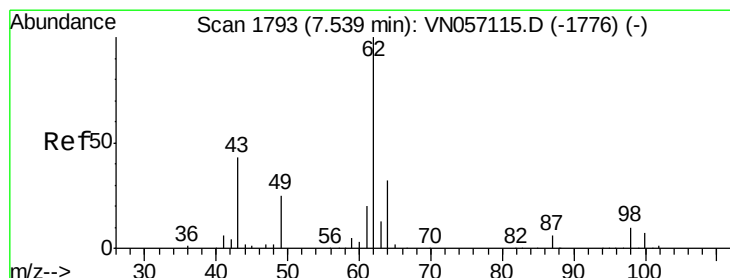
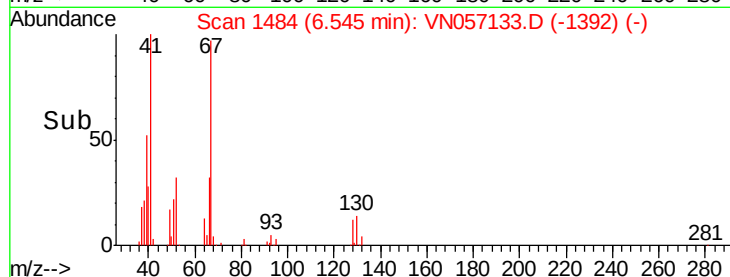
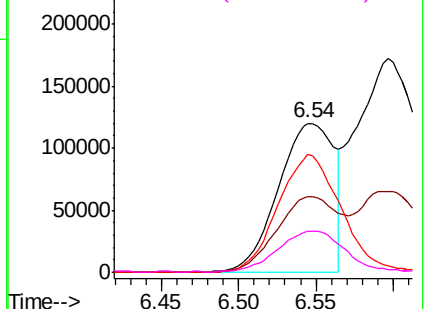


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.720 ug/l

RT: 7.54 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VN057133.D

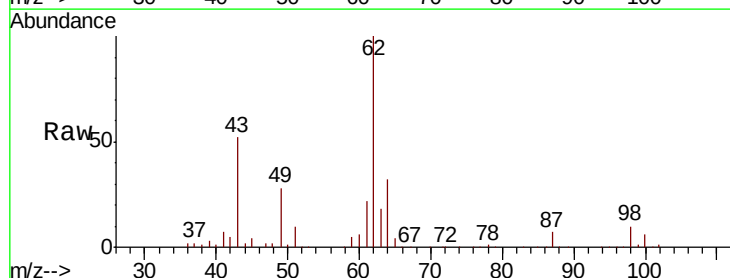
Acq: 8 Aug 2019 15:46

Tgt Ion: 62 Resp: 710330

Ion Ratio Lower Upper

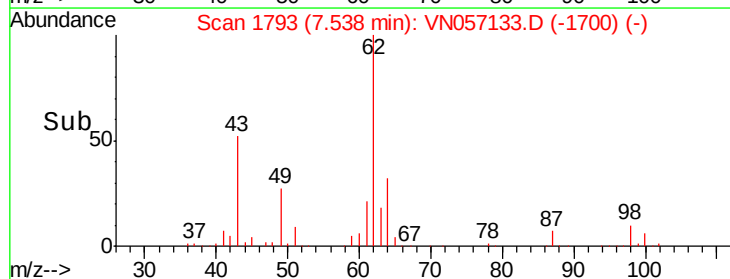
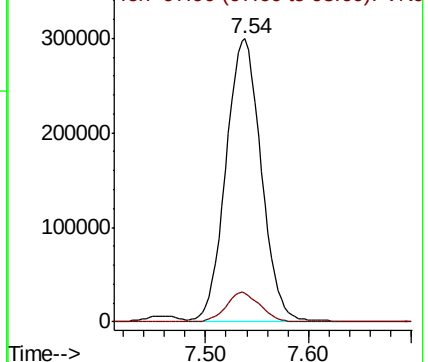
62 100

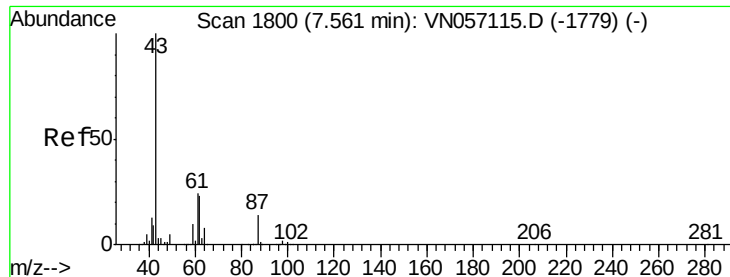
98 10.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 54.097 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

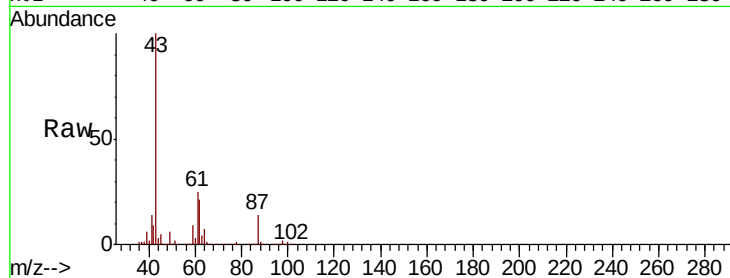
Tgt Ion: 43 Resp: 1122013

Ion Ratio Lower Upper

43 100

61 27.0 24.2 36.2

87 13.5 11.8 17.8

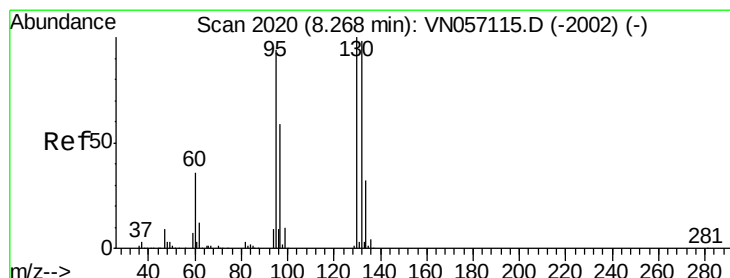
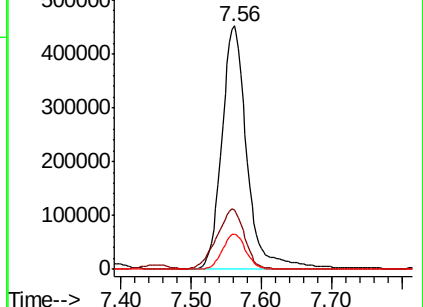
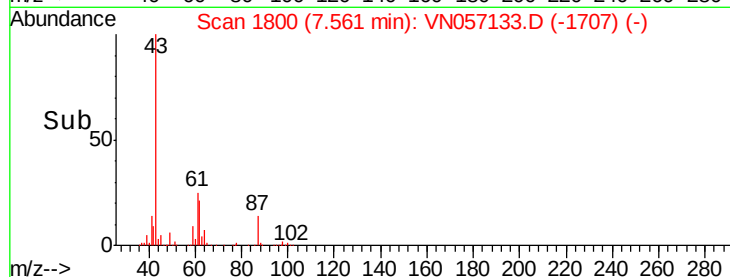


Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057115.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057115.D (-1779) (-)

Time-->



#44

Trichloroethene

Concen: 49.157 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. -0.00 min

Lab File: VN057133.D

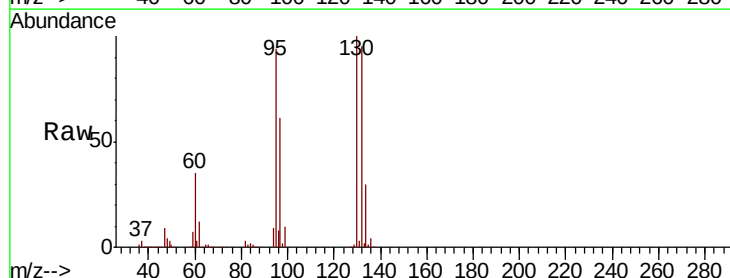
Acq: 8 Aug 2019 15:46

Tgt Ion: 130 Resp: 642784

Ion Ratio Lower Upper

130 100

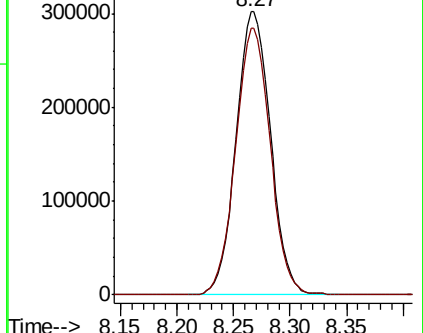
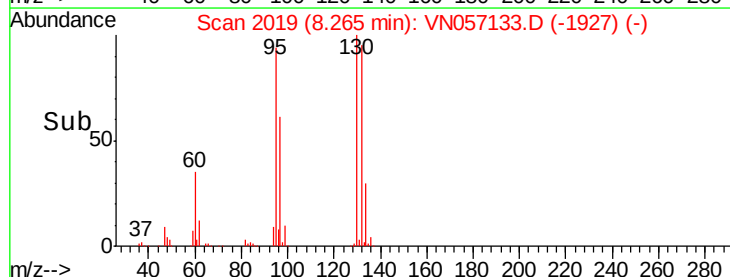
95 94.3 0.0 187.4

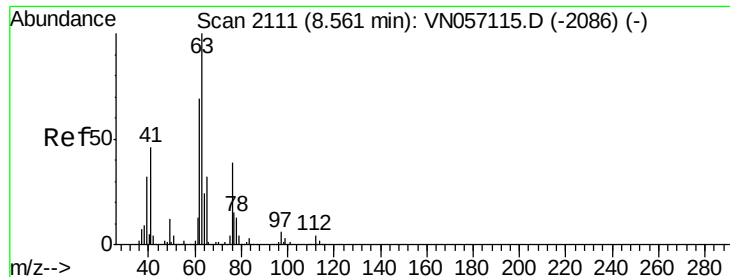


Abundance Ion 129.80 (129.50 to 130.50): VN057115.D (-2002) (-)

Ion 94.90 (94.60 to 95.60): VN057115.D (-2002) (-)

Time-->

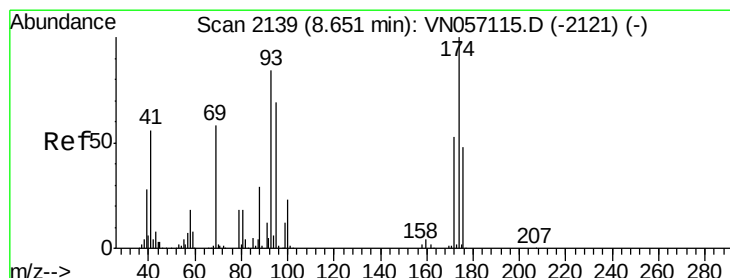
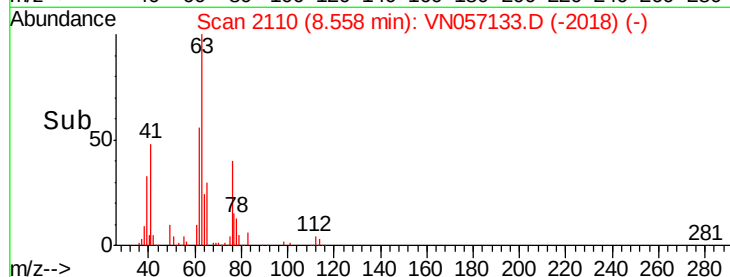
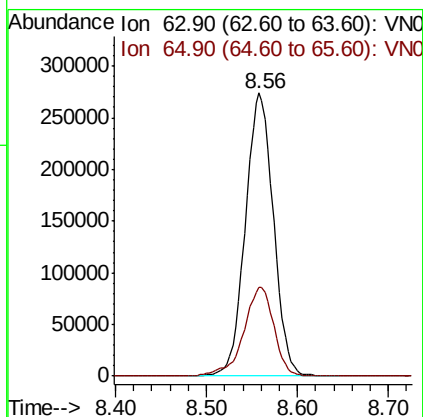
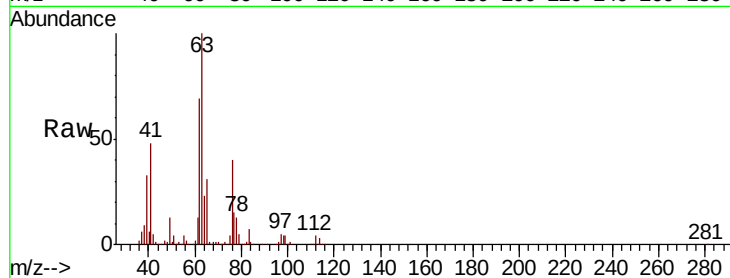




#45
 1,2-Dichloropropane
 Concen: 48.475 ug/l
 RT: 8.56 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

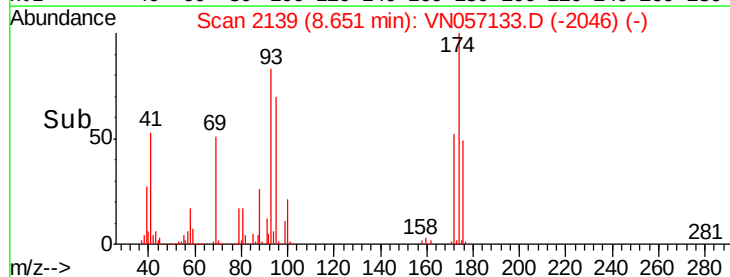
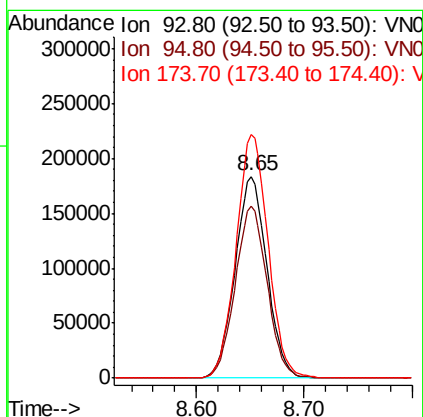
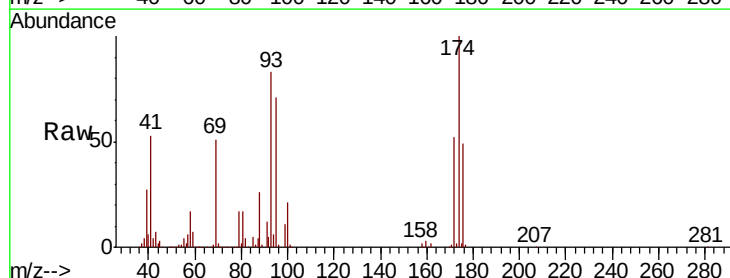
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

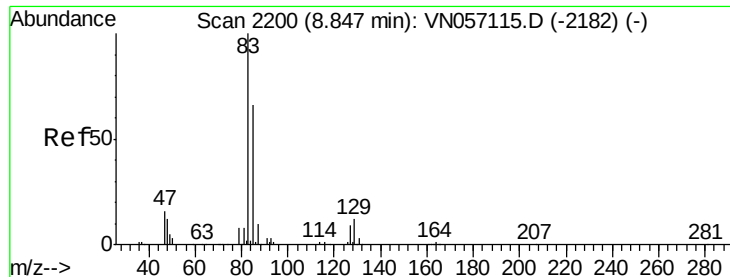
Tgt Ion: 63 Resp: 585831
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.2 37.8



#46
 Dibromomethane
 Concen: 48.987 ug/l
 RT: 8.65 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 93 Resp: 379591
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.0 99.0
 174 120.6 96.0 144.0





#47

Bromodichloromethane

Concen: 50.671 ug/l

RT: 8.85 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

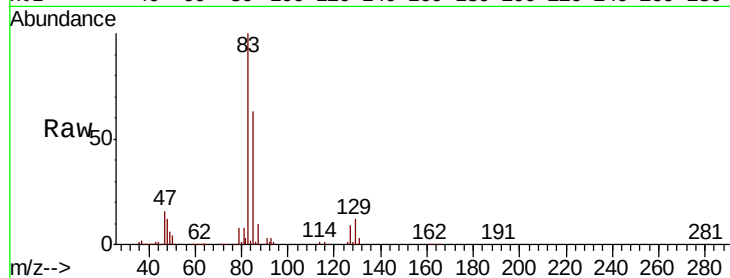
Tgt Ion: 83 Resp: 759734

Ion Ratio Lower Upper

83 100

85 62.9 52.6 78.8

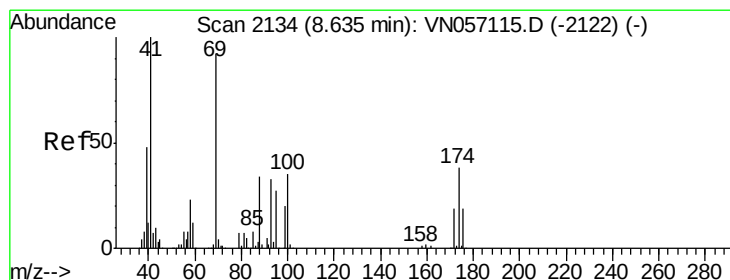
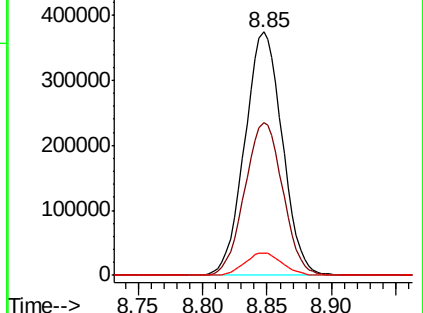
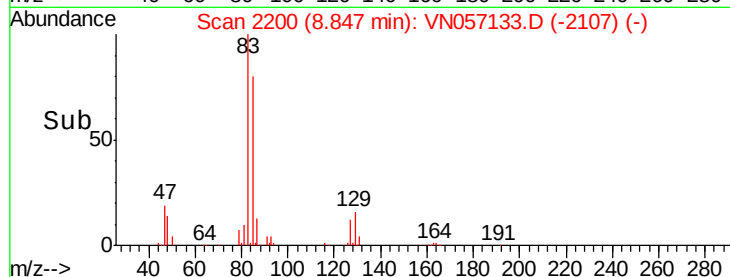
127 9.3 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN057133.D (-2107) (-)

Ion 84.90 (84.60 to 85.60): VN057133.D (-2107) (-)

Ion 126.80 (126.50 to 127.50): VN057133.D (-2107) (-)



#48

Methyl methacrylate

Concen: 48.453 ug/l

RT: 8.63 min Scan# 2134

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

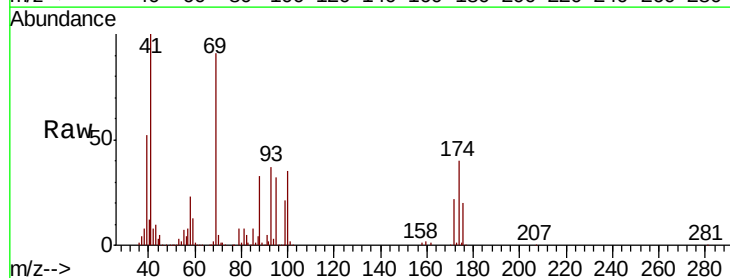
Tgt Ion: 41 Resp: 473879

Ion Ratio Lower Upper

41 100

69 96.1 77.5 116.3

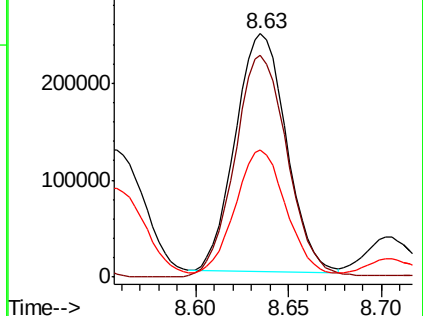
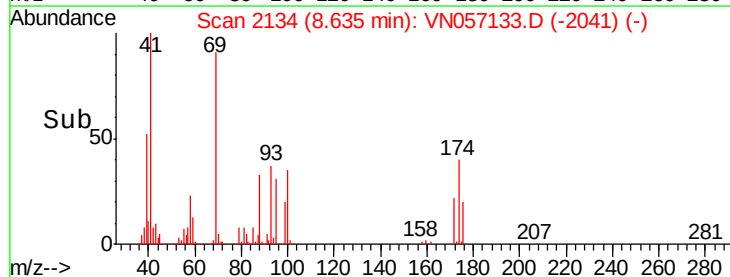
39 50.7 39.8 59.6

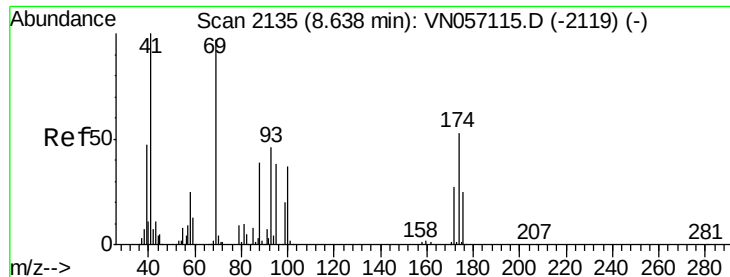


Abundance Ion 41.00 (40.70 to 41.70): VN057133.D (-2041) (-)

Ion 69.00 (68.70 to 69.70): VN057133.D (-2041) (-)

Ion 39.00 (38.70 to 39.70): VN057133.D (-2041) (-)

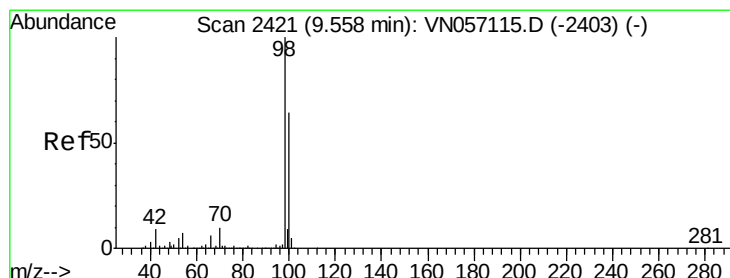
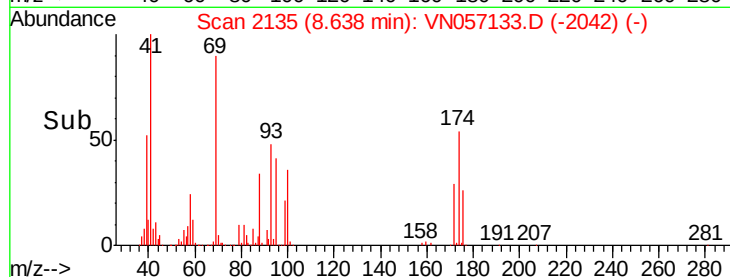
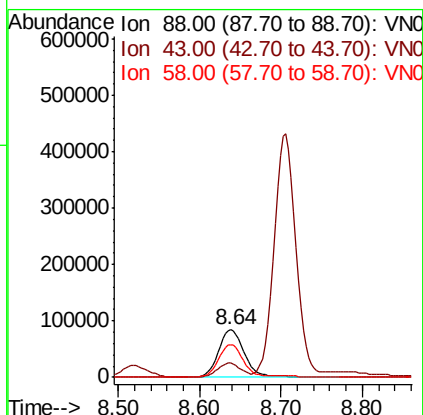
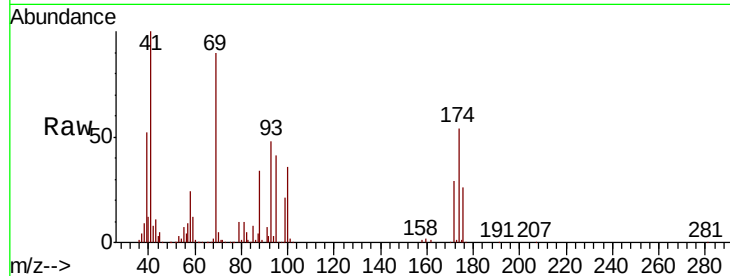




#49
1,4-Dioxane
Concen: 958.707 ug/l
RT: 8.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

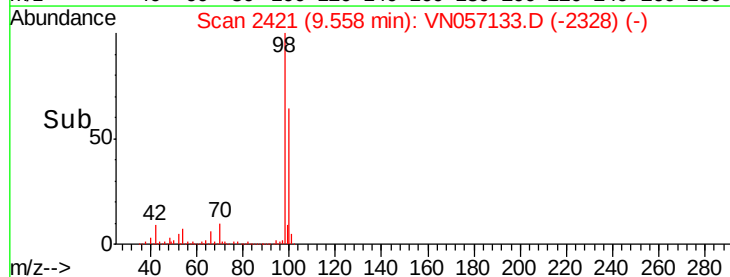
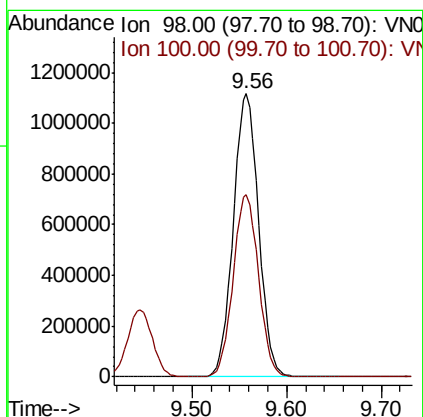
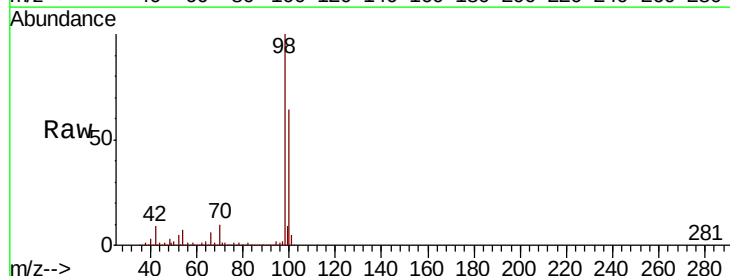
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

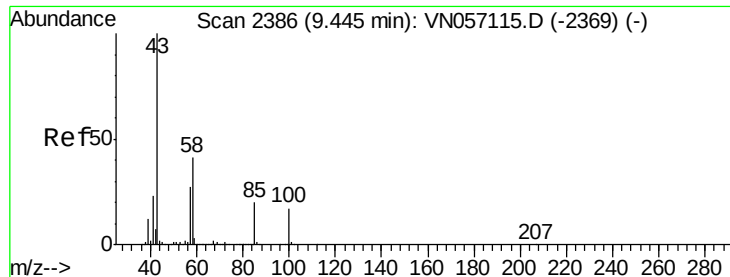
Tgt Ion: 88 Resp: 190964
Ion Ratio Lower Upper
88 100
43 26.6 21.7 32.5
58 65.8 51.1 76.7



#50
Toluene-d8
Concen: 48.061 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 98 Resp: 2066133
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8

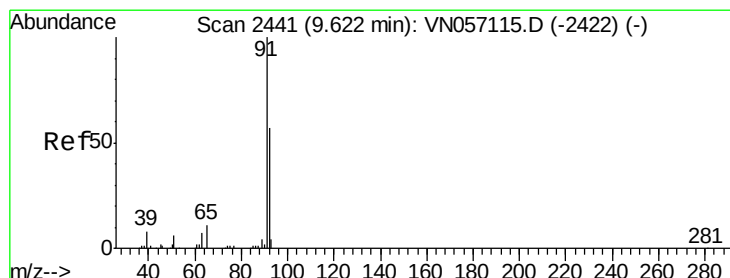
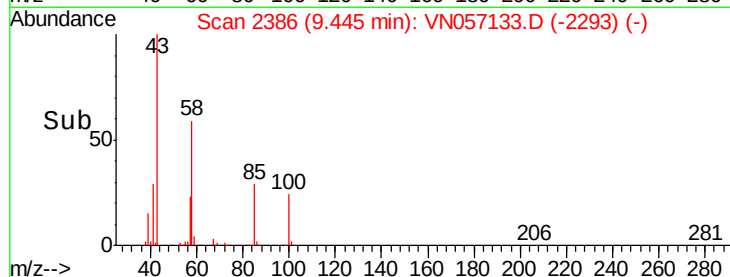
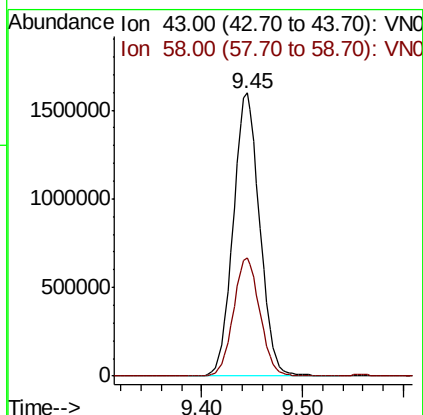
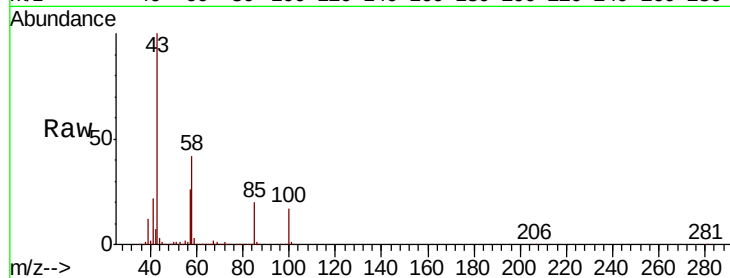




#51
 4-Methyl-2-Pentanone
 Concen: 240.858 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

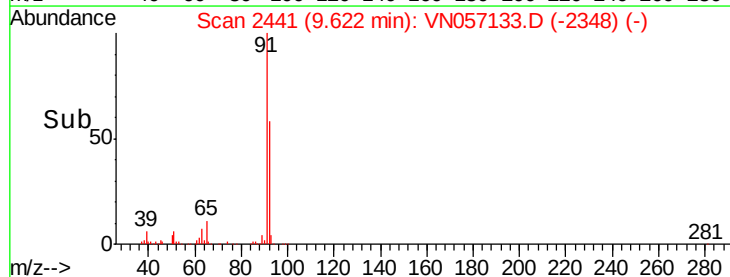
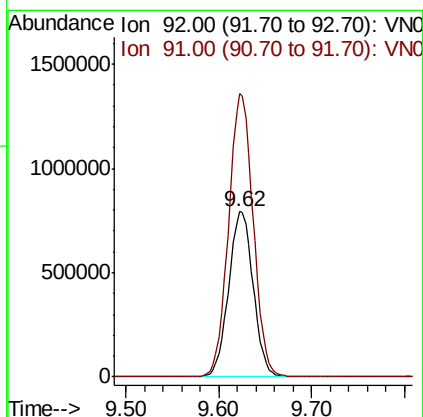
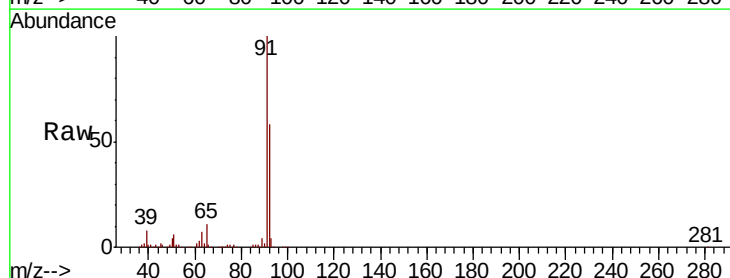
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

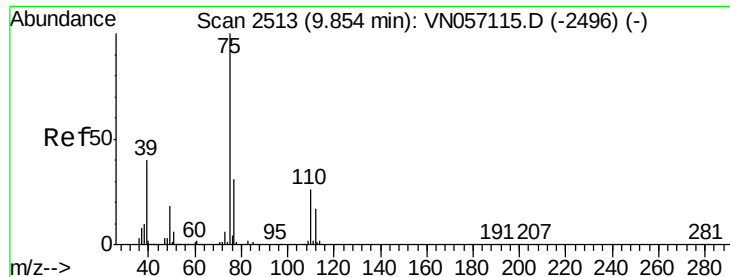
Tgt Ion: 43 Resp: 2907365
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.2 49.8



#52
 Toluene
 Concen: 50.073 ug/l
 RT: 9.62 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 92 Resp: 1450697
 Ion Ratio Lower Upper
 92 100
 91 171.9 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 51.423 ug/l

RT: 9.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

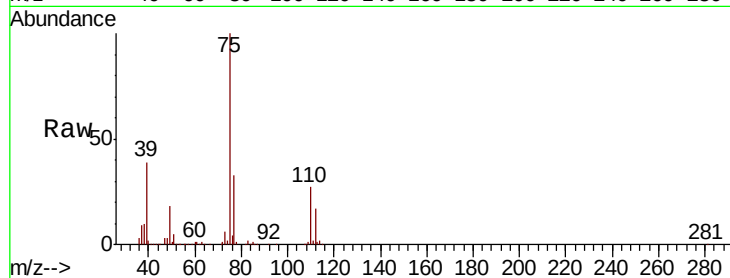
VSTDCCC050EC

Tgt Ion: 75 Resp: 805469

Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

9.85

400000

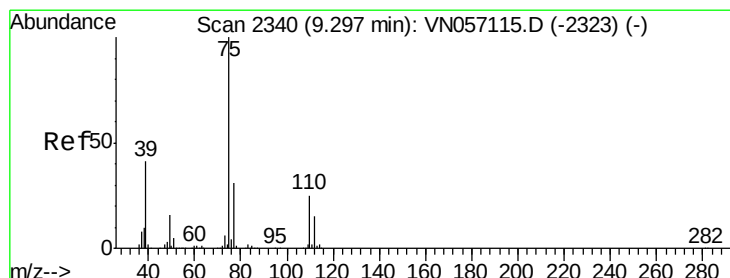
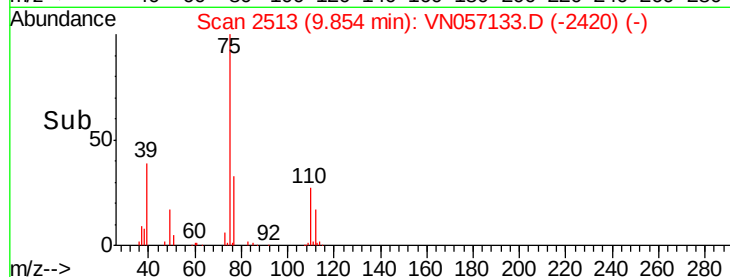
300000

200000

100000

0

Time--> 9.75 9.80 9.85 9.90 9.95



#54

cis-1,3-Dichloropropene

Concen: 51.542 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

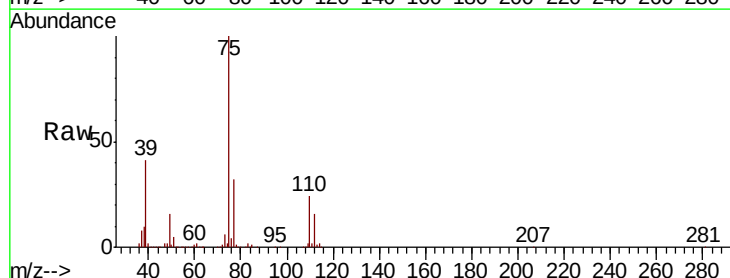
Tgt Ion: 75 Resp: 926375

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

39 40.5 32.5 48.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.30

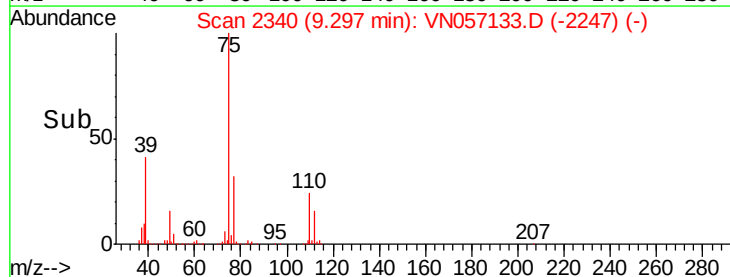
600000

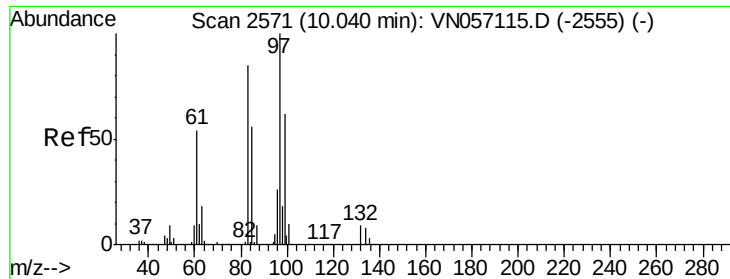
400000

200000

0

Time--> 9.20 9.30 9.40

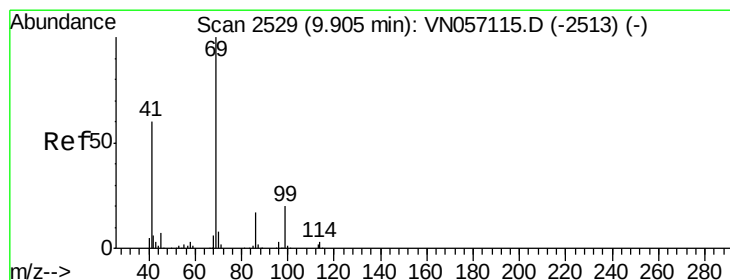
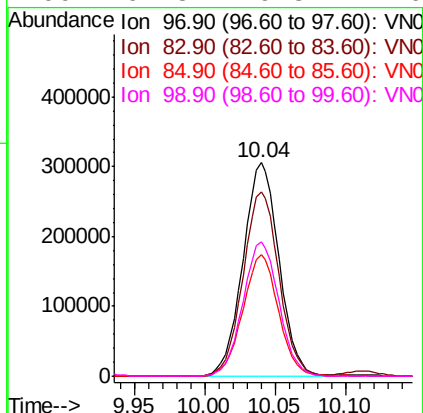
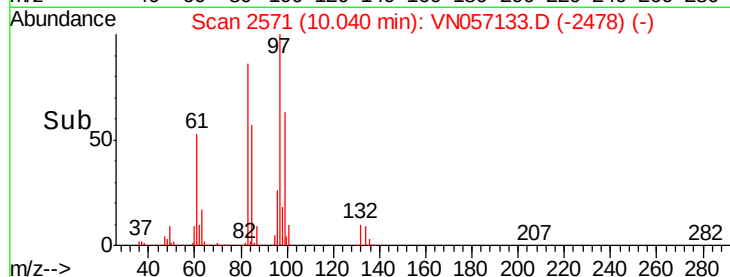
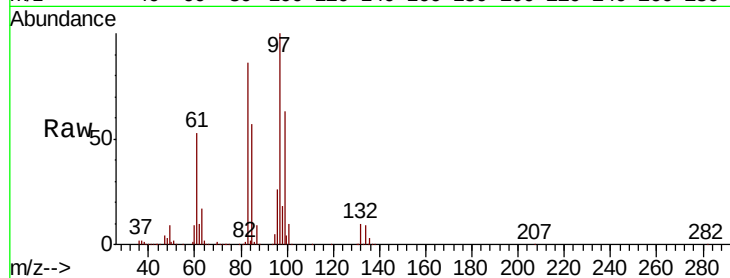




#55
 1,1,2-Trichloroethane
 Concen: 48.132 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

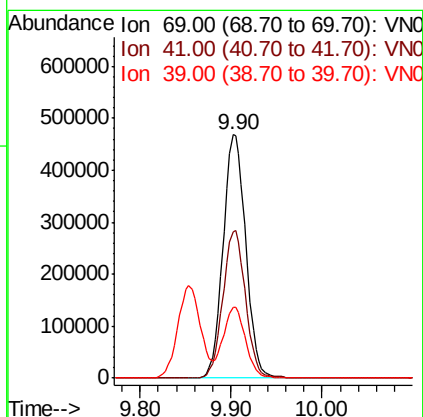
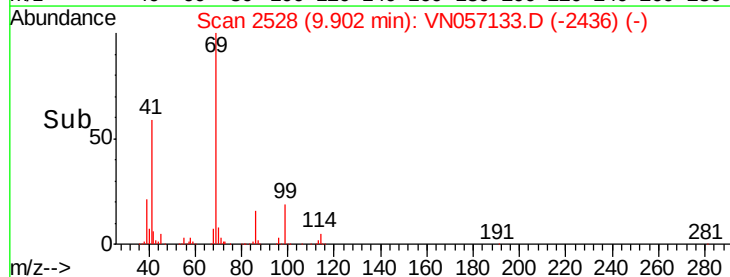
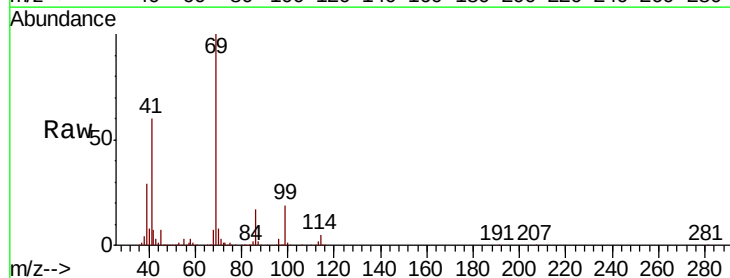
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

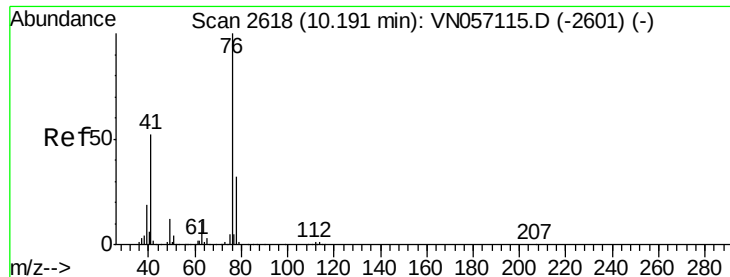
Tgt Ion:	97	Resp:	548352
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.8	101.8
85	56.7	44.4	66.6
99	62.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 50.756 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion:	69	Resp:	809640
Ion	Ratio	Lower	Upper
69	100		
41	60.4	48.1	72.1
39	29.0	23.6	35.4

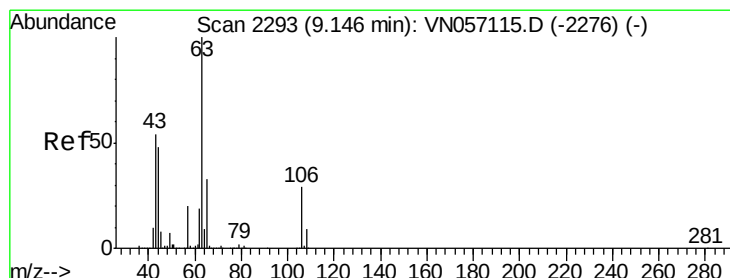
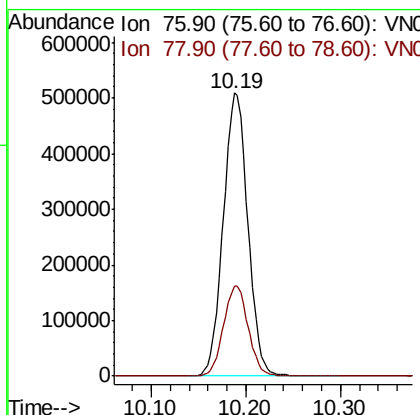
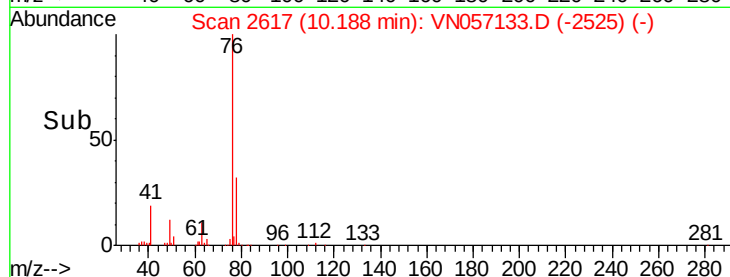
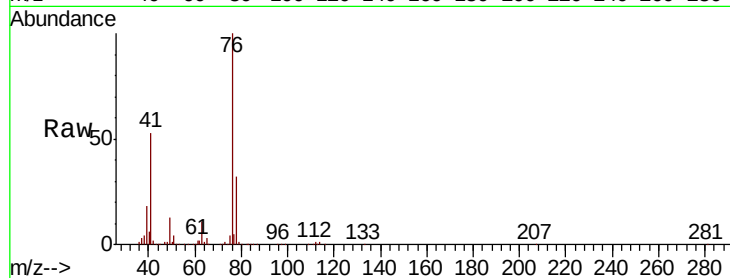




#57
 1,3-Dichloropropane
 Concen: 48.829 ug/l
 RT: 10.19 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

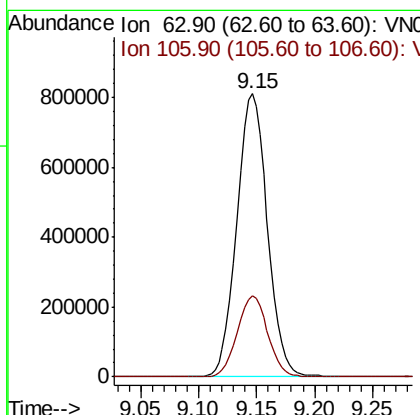
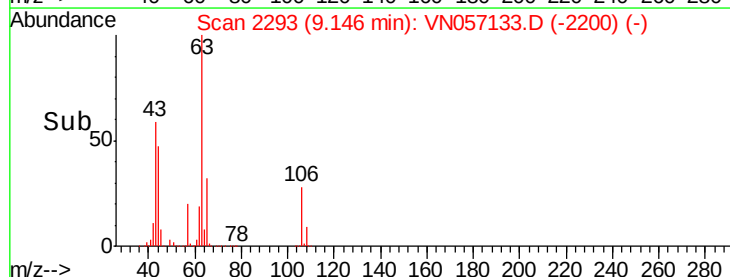
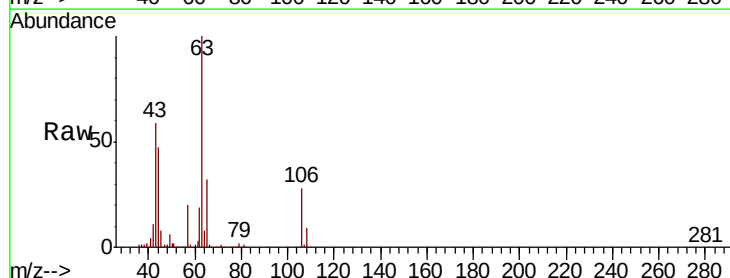
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

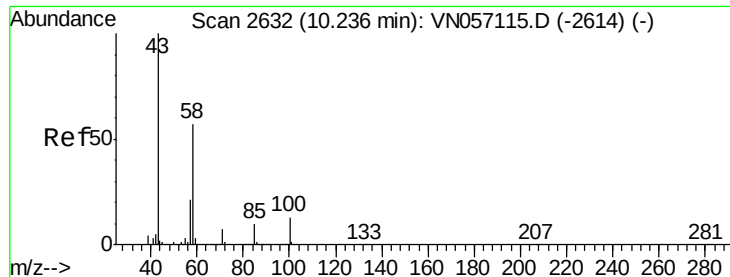
Tgt Ion: 76 Resp: 917385
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.381 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 63 Resp: 1478589
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.6 33.8

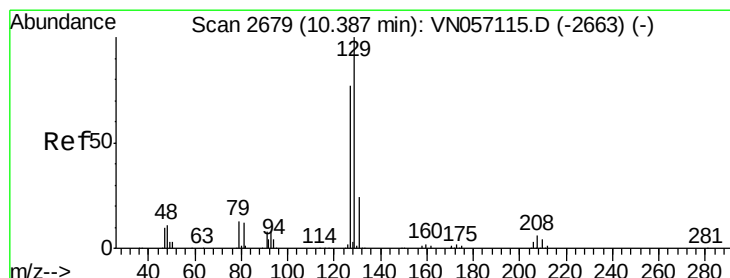
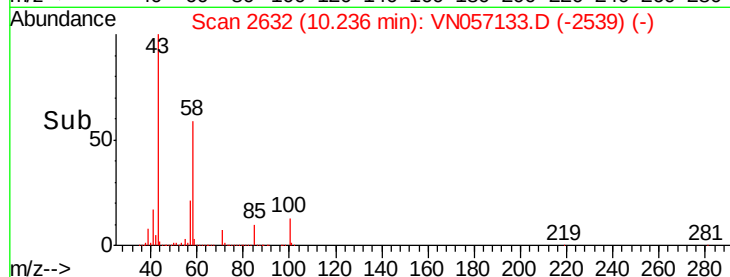
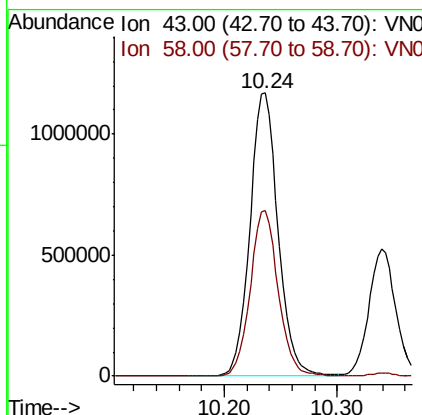
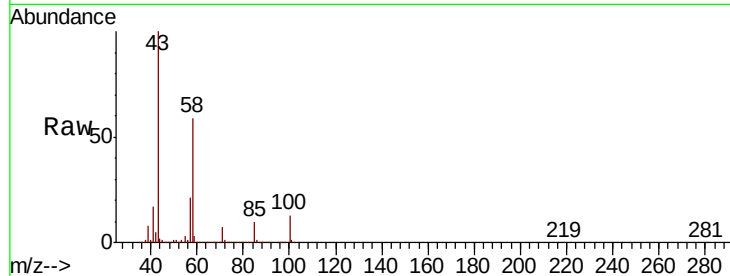




#59
2-Hexanone
Concen: 247.091 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

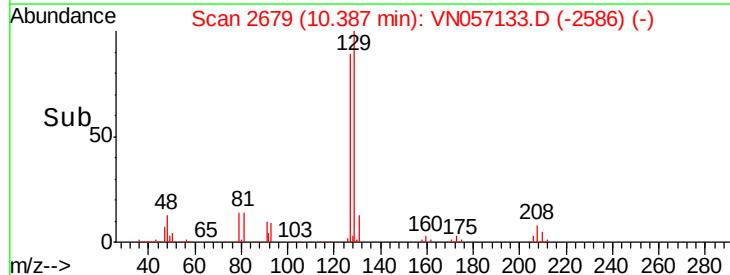
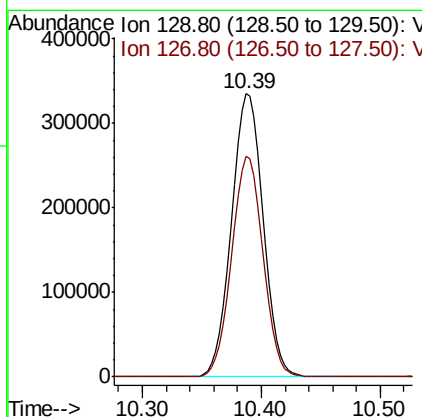
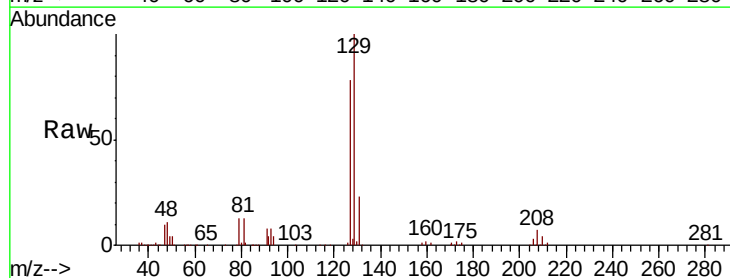
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

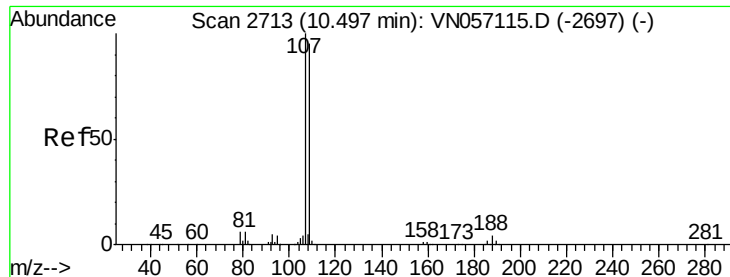
Tgt Ion: 43 Resp: 2018599
Ion Ratio Lower Upper
43 100
58 58.4 29.2 87.6



#60
Dibromochloromethane
Concen: 51.723 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 129 Resp: 618871
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

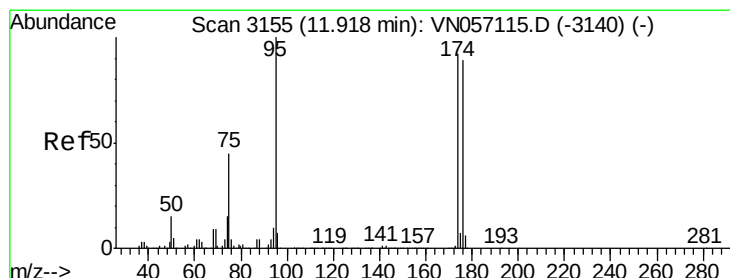
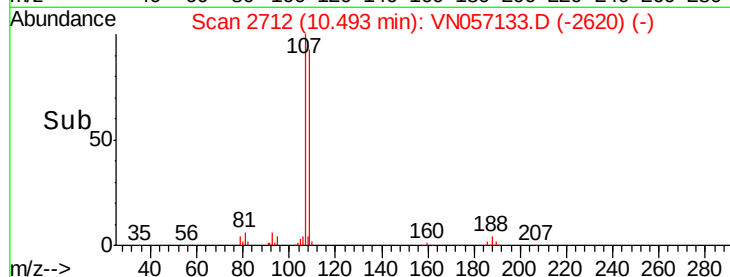
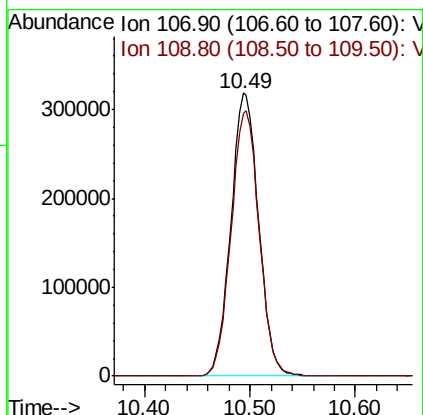
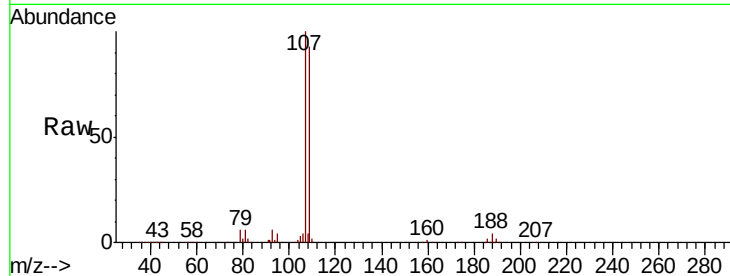




#61
 1,2-Dibromoethane
 Concen: 49.202 ug/l
 RT: 10.49 min Scan# 2712
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

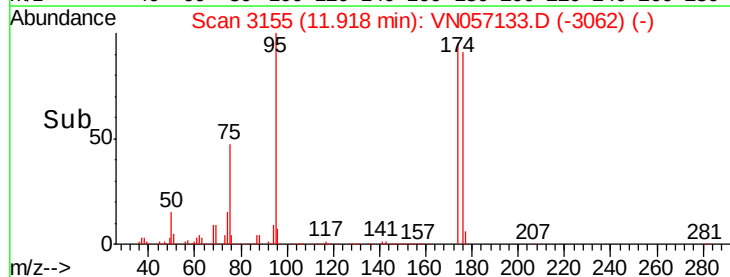
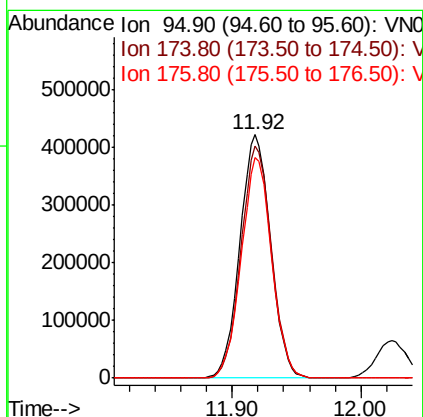
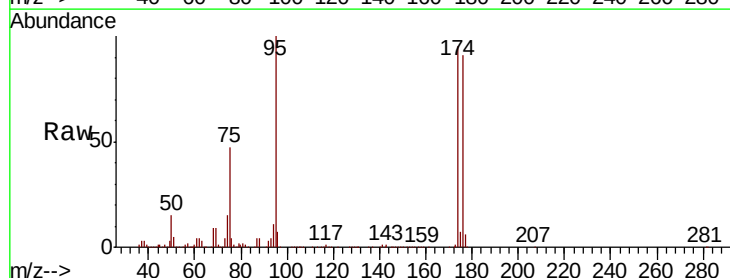
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

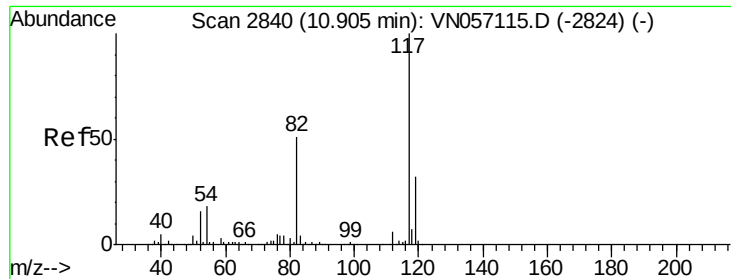
Tgt Ion: 107 Resp: 578432
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.290 ug/l
 RT: 11.92 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 95 Resp: 696603
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 185.0
 176 90.0 0.0 181.2

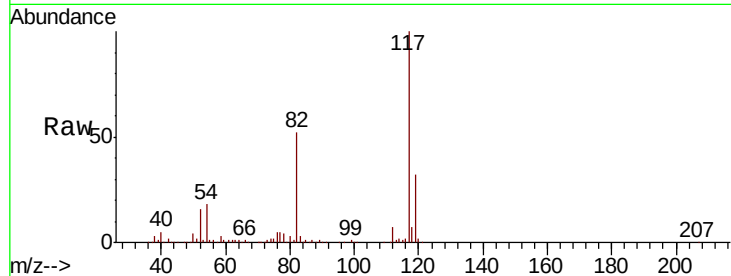




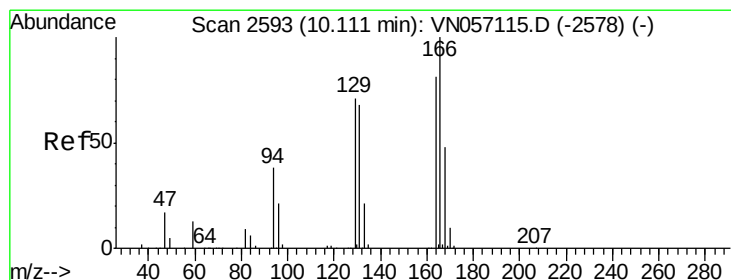
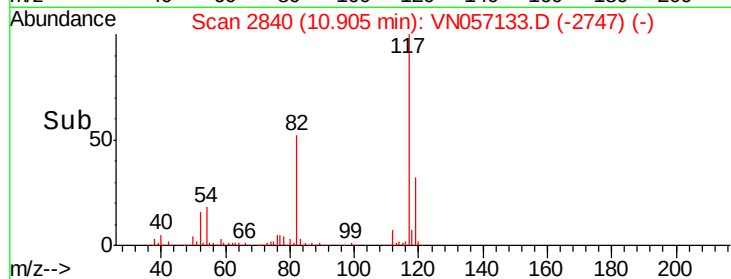
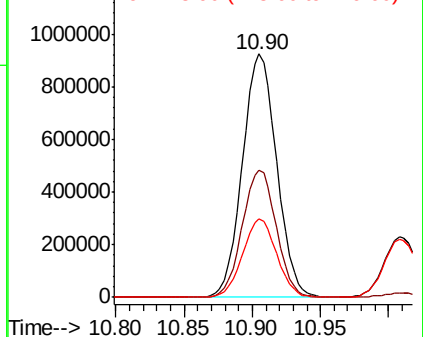
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 1608494
Ion Ratio Lower Upper
117 100
82 52.4 40.8 61.2
119 32.0 25.7 38.5

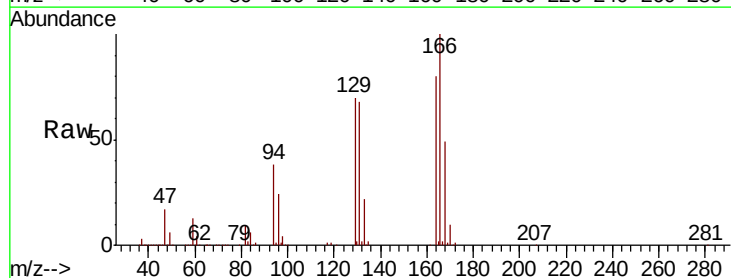


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

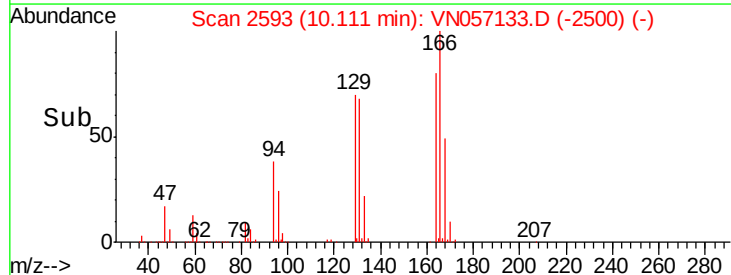
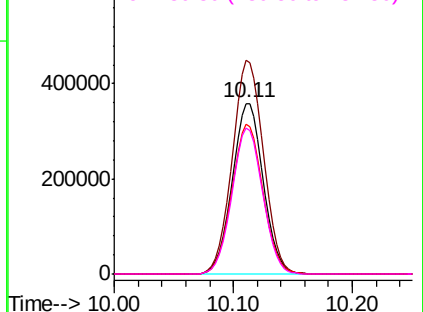


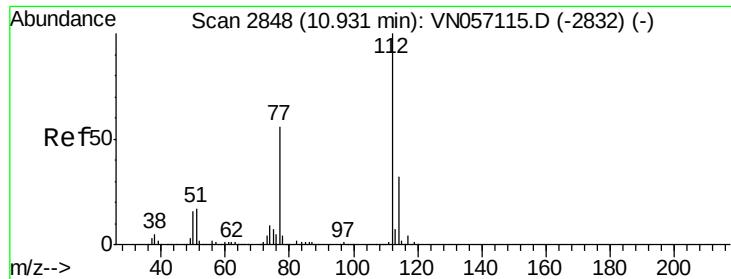
#64
Tetrachloroethene
Concen: 48.363 ug/l
RT: 10.11 min Scan# 2593
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion:164 Resp: 646949
Ion Ratio Lower Upper
164 100
166 125.3 98.3 147.5
129 88.0 69.8 104.6
131 85.8 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

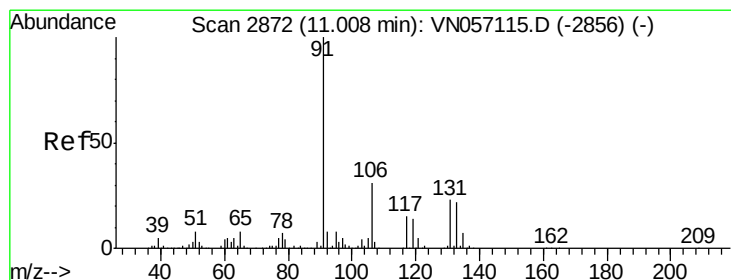
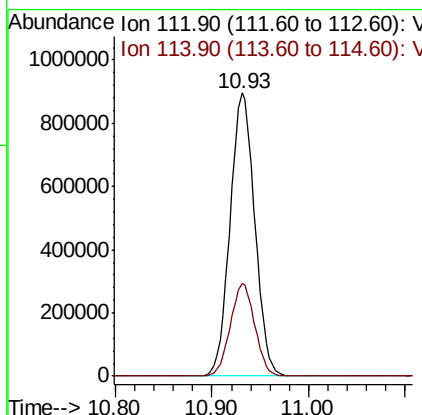
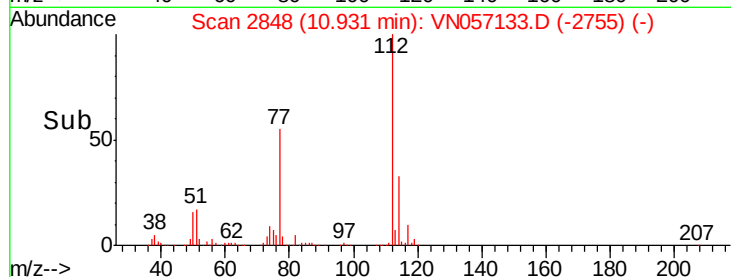
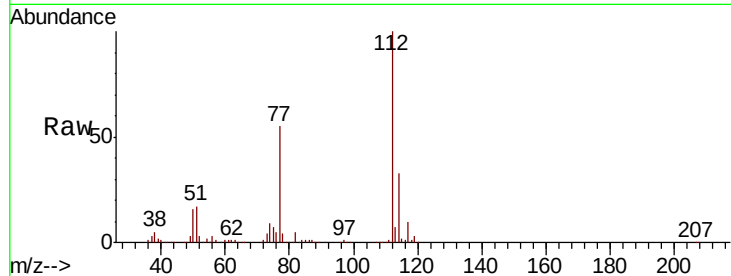




#65
Chlorobenzene
Concen: 48.916 ug/l
RT: 10.93 min Scan# 2848
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

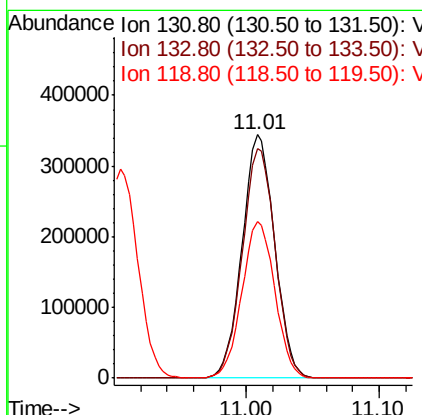
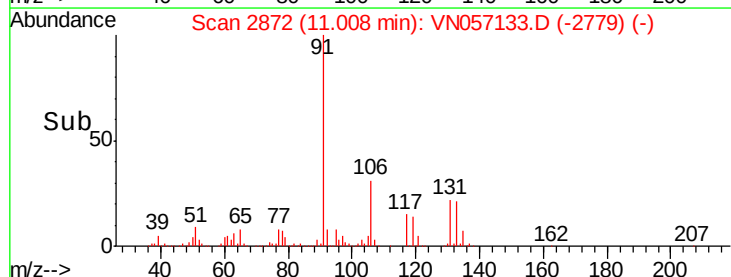
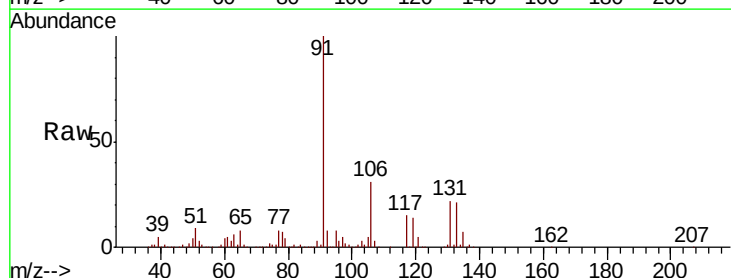
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

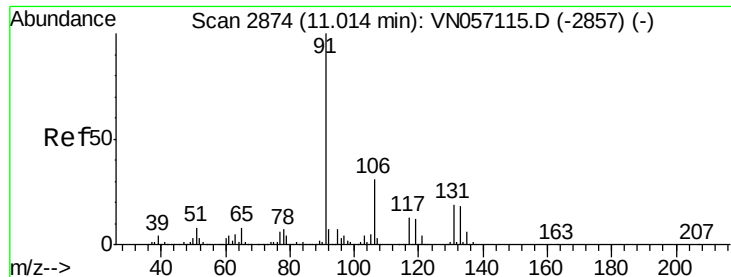
Tgt Ion:112 Resp: 1583110
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.581 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion:131 Resp: 587817
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.8
119 65.0 32.6 97.7

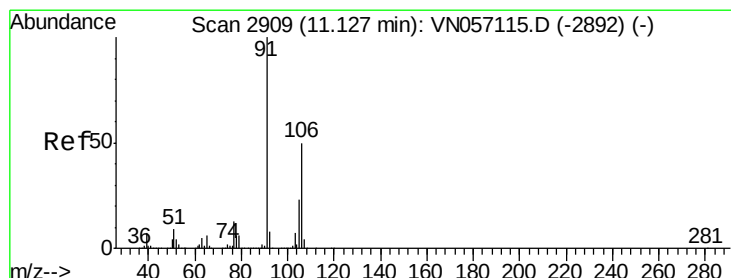
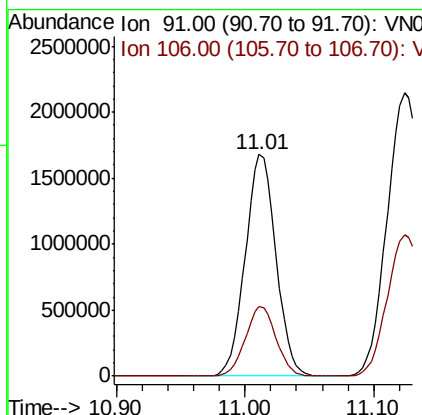
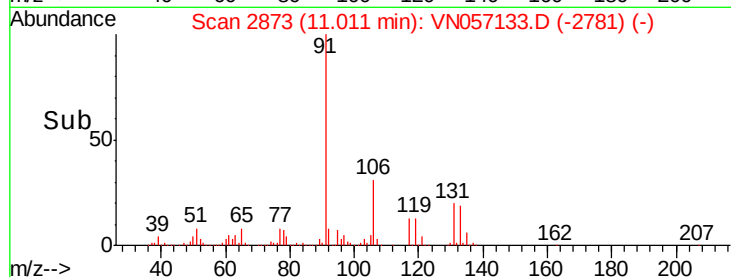
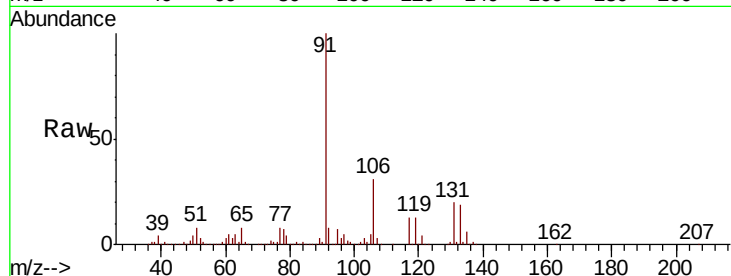




#67
 Ethyl Benzene
 Concen: 49.991 ug/l
 RT: 11.01 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

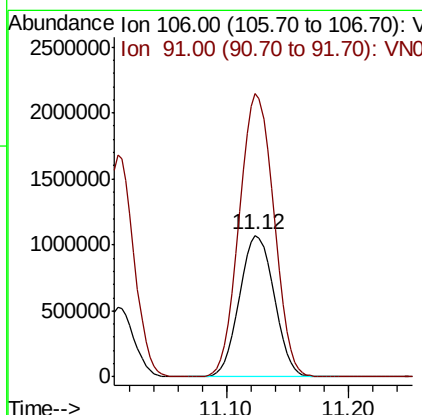
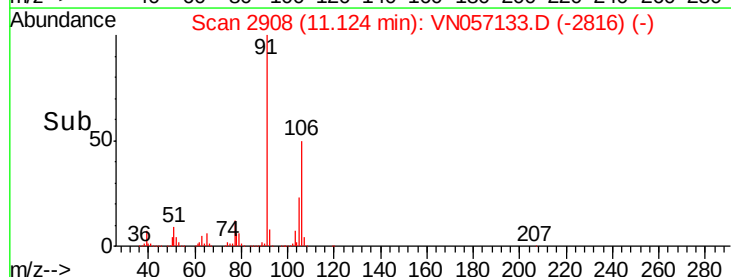
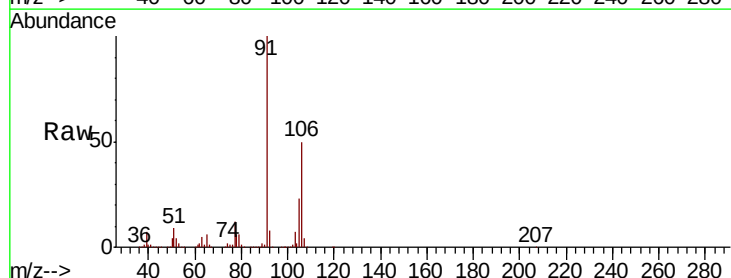
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

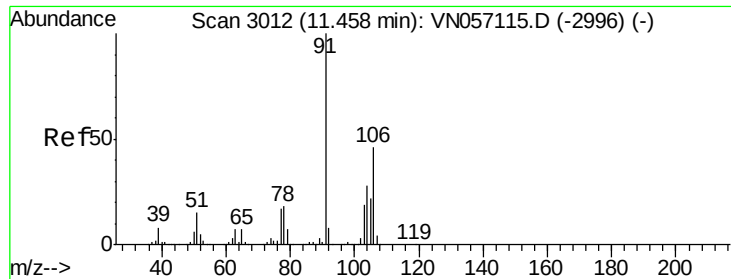
Tgt Ion: 91 Resp: 2784593
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.0 37.4



#68
 m/p-Xylenes
 Concen: 102.702 ug/l
 RT: 11.12 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 106 Resp: 2107525
 Ion Ratio Lower Upper
 106 100
 91 199.5 159.8 239.8

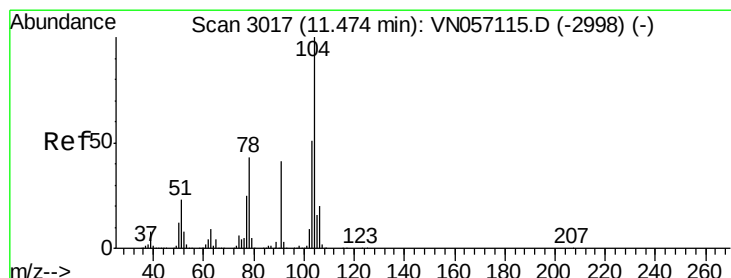
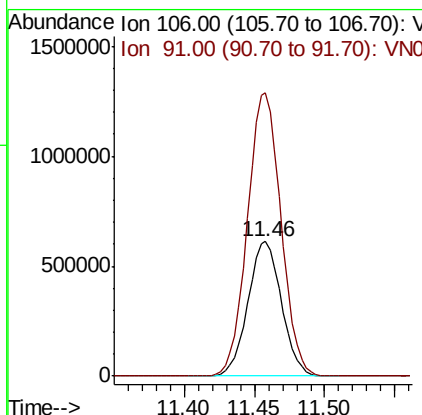
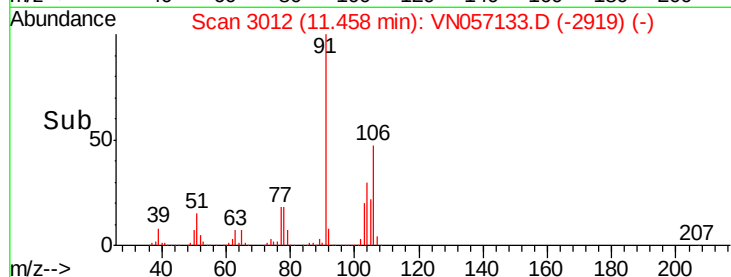
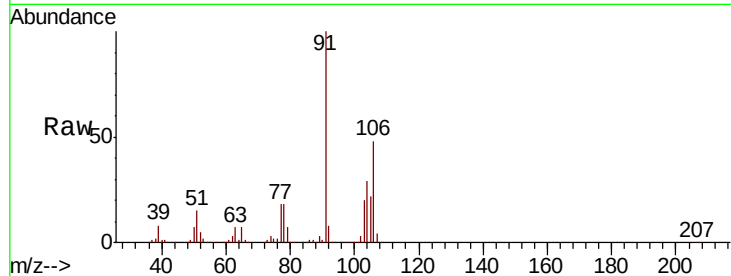




#69
o-Xylene
Concen: 49.944 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

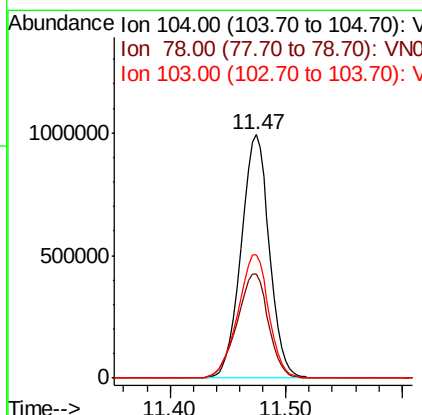
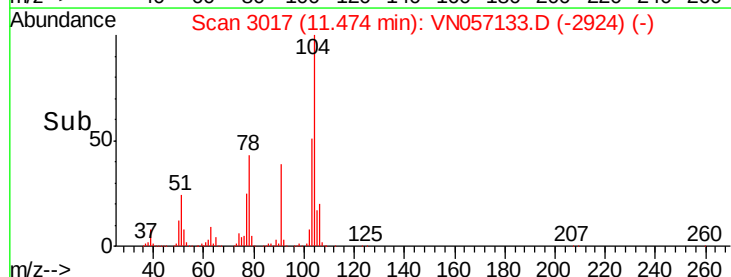
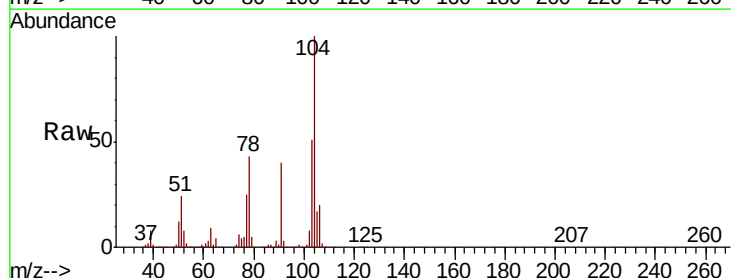
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

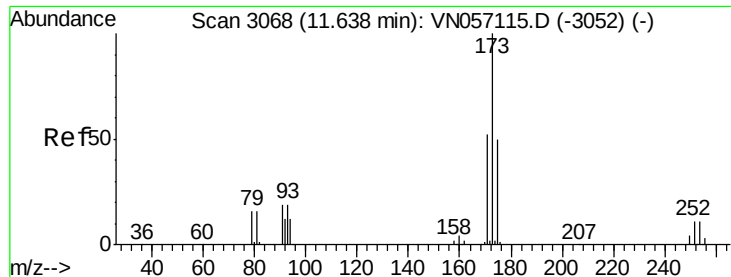
Tgt Ion:106 Resp: 1020005
Ion Ratio Lower Upper
106 100
91 210.7 106.8 320.5



#70
Styrene
Concen: 52.565 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion:104 Resp: 1676795
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 55.4 44.6 66.8





#71

Bromoform

Concen: 51.643 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

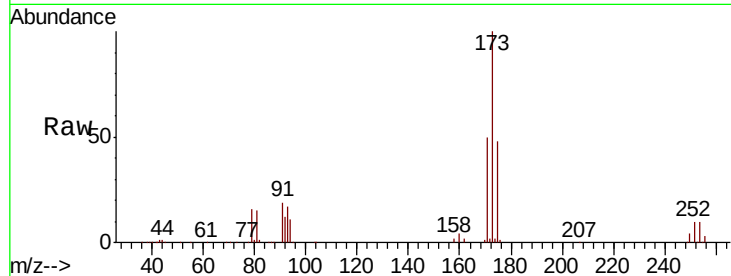
Tgt Ion:173 Resp: 457723

Ion Ratio Lower Upper

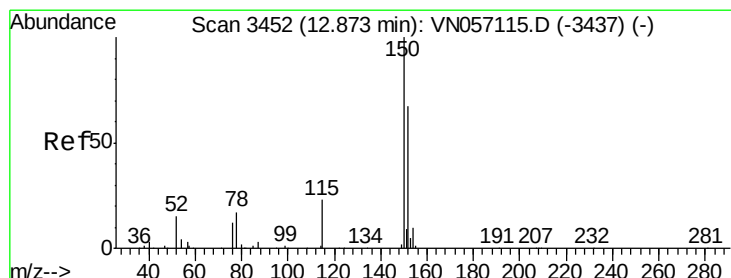
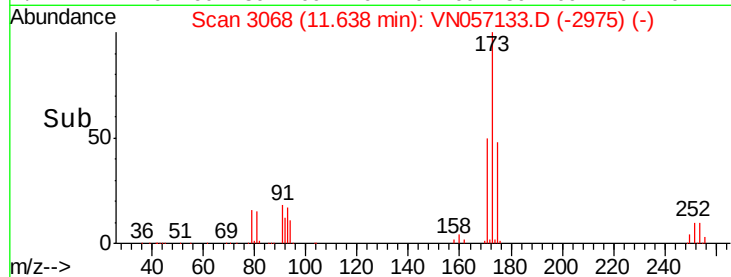
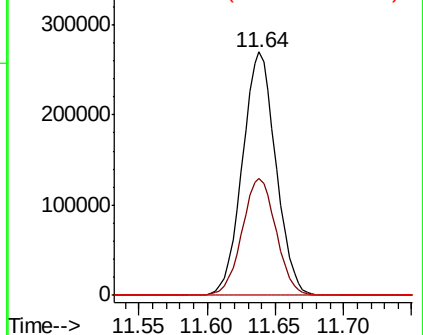
173 100

175 48.9 24.6 73.8

254 0.1 0.1 0.1



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: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

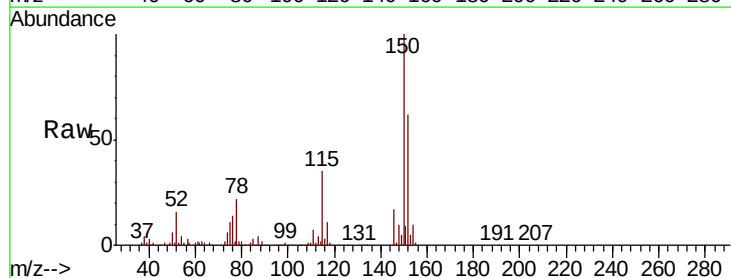
Tgt Ion:152 Resp: 672383

Ion Ratio Lower Upper

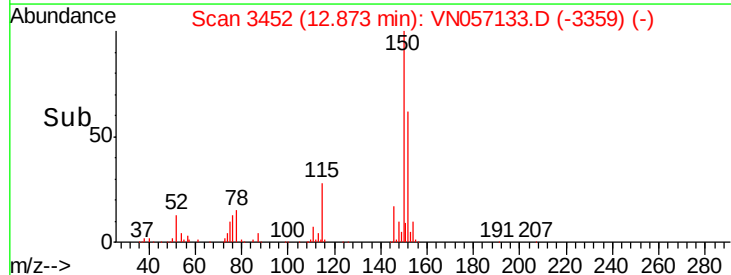
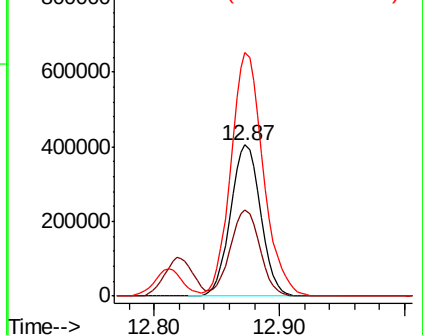
152 100

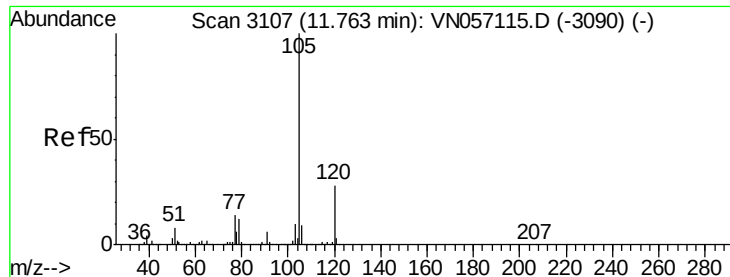
115 56.1 27.5 82.5

150 173.1 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.020 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

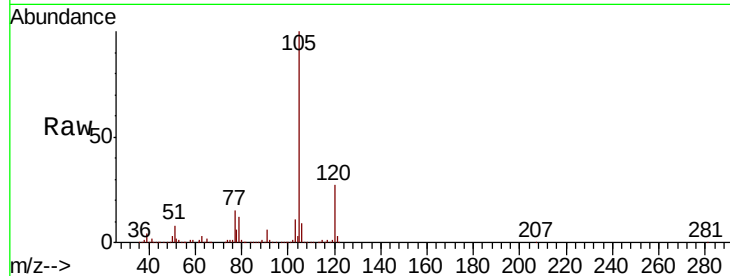
VSTDCCC050EC

Tgt Ion:105 Resp: 2739293

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.76

1500000

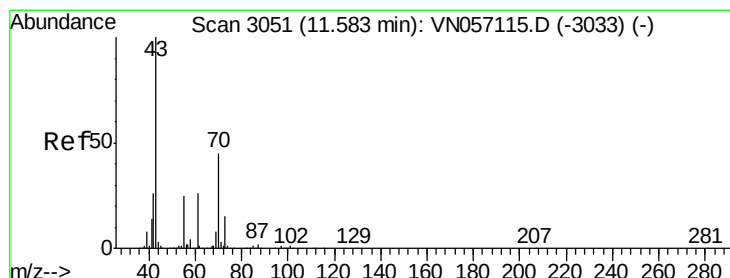
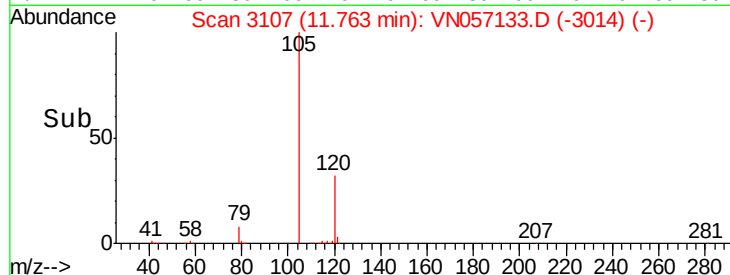
1000000

500000

0

Time-->

11.70 11.80



#74

N-ethyl acetate

Concen: 47.018 ug/l

RT: 11.58 min Scan# 3051

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Tgt Ion: 43 Resp: 801121

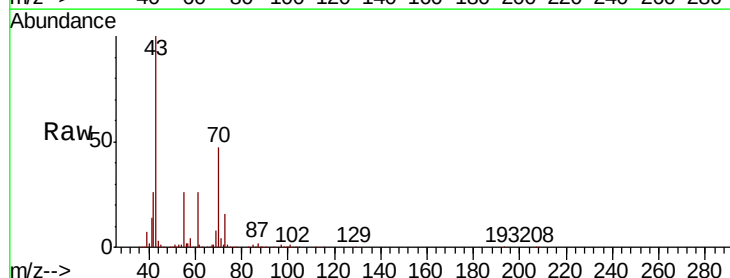
Ion Ratio Lower Upper

43 100

70 46.4 36.8 55.2

55 26.1 20.6 31.0

61 26.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

800000

600000

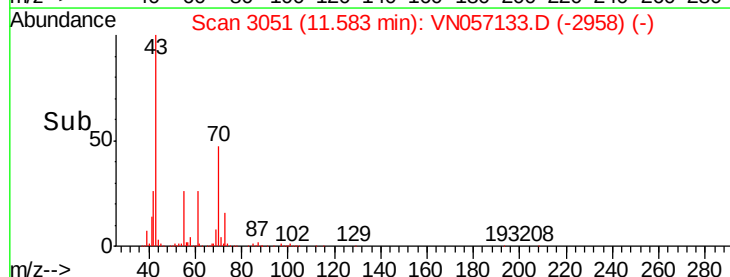
400000

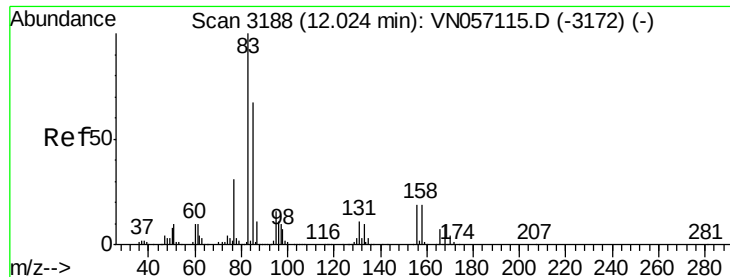
200000

0

Time-->

11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 50.426 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

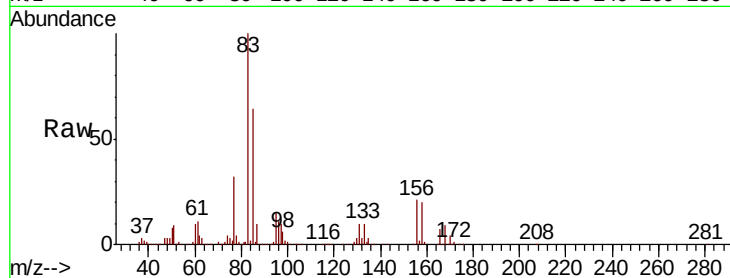
Tgt Ion: 83 Resp: 738859

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

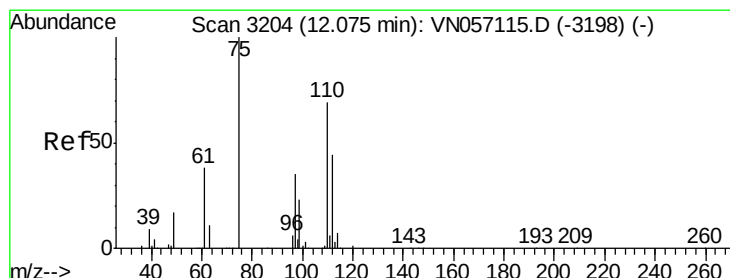
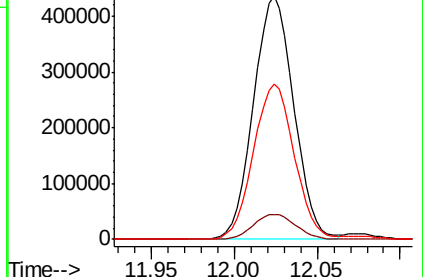
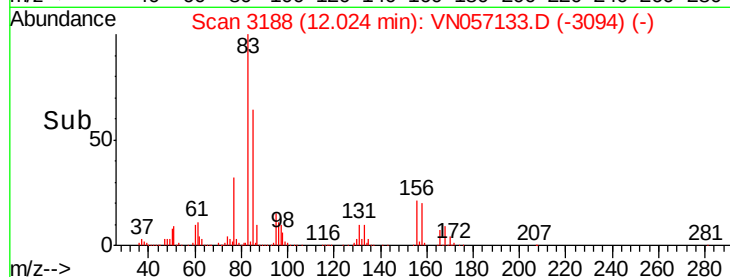
85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN057133.D (-3094) (-)

Ion 130.80 (130.50 to 131.50): VN057133.D (-3094) (-)

Ion 84.90 (84.60 to 85.60): VN057133.D (-3094) (-)



#76

1,2,3-Trichloropropane

Concen: 70.057 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN057133.D

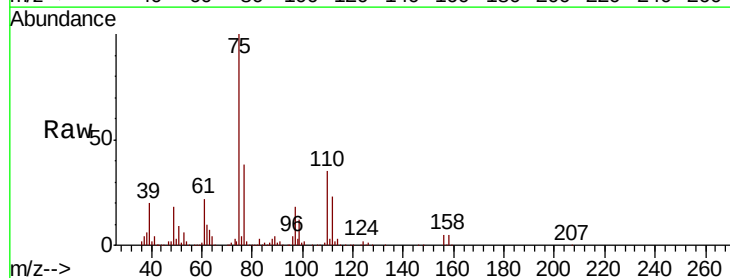
Acq: 8 Aug 2019 15:46

Tgt Ion: 75 Resp: 903742

Ion Ratio Lower Upper

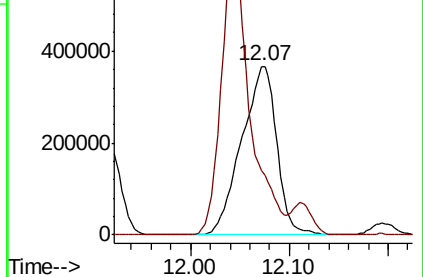
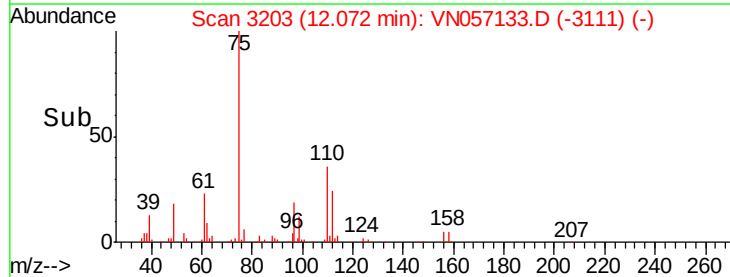
75 100

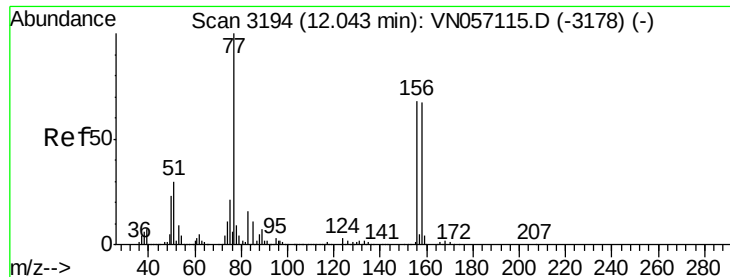
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057133.D (-3111) (-)

Ion 77.00 (76.70 to 77.70): VN057133.D (-3111) (-)





#77

Bromobenzene

Concen: 44.333 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

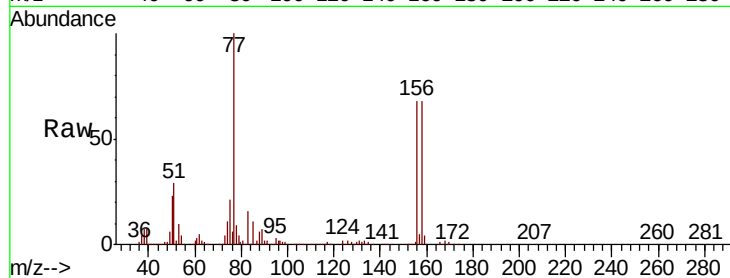
Tgt Ion:156 Resp: 716477

Ion Ratio Lower Upper

156 100

77 174.7 88.7 266.1

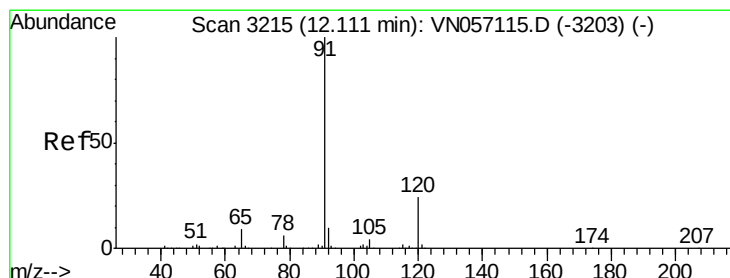
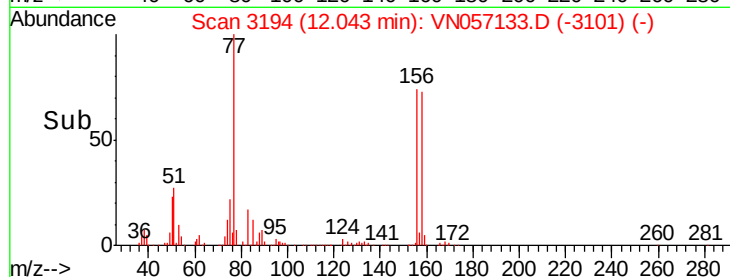
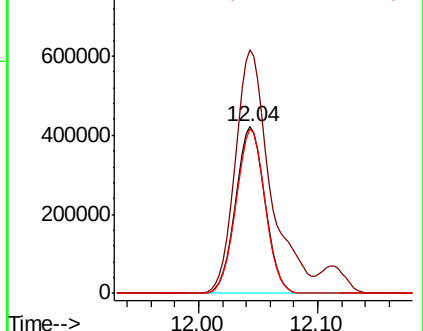
158 98.0 49.3 147.8



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: 45.760 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. -0.00 min

Lab File: VN057133.D

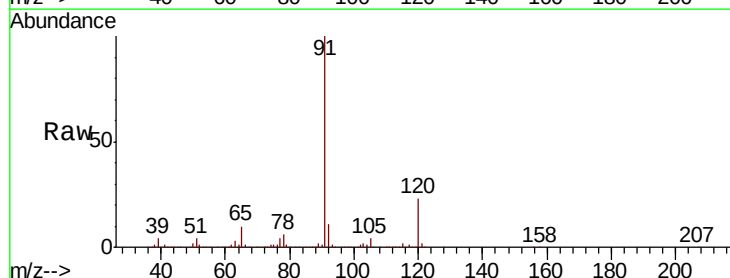
Acq: 8 Aug 2019 15:46

Tgt Ion: 91 Resp: 2951769

Ion Ratio Lower Upper

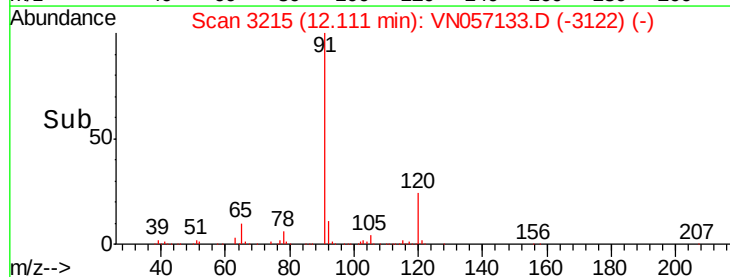
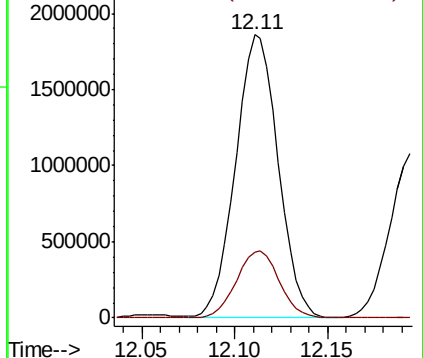
91 100

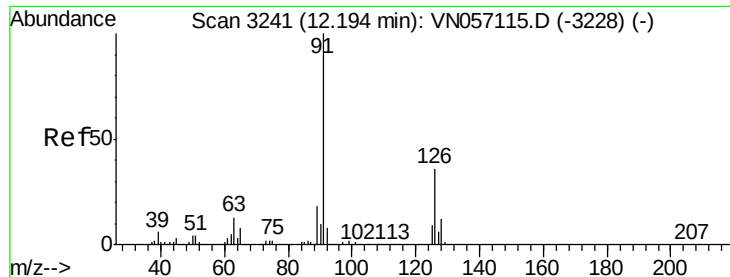
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.713 ug/l

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

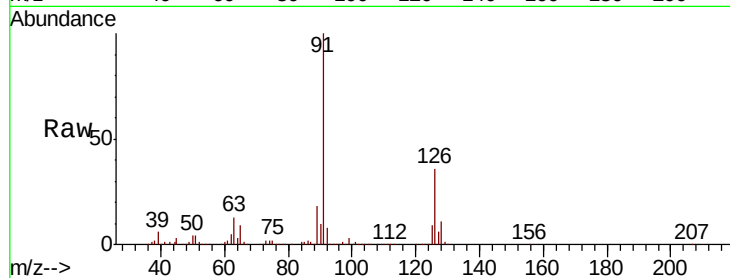
VSTDCCC050EC

Tgt Ion: 91 Resp: 1787109

Ion Ratio Lower Upper

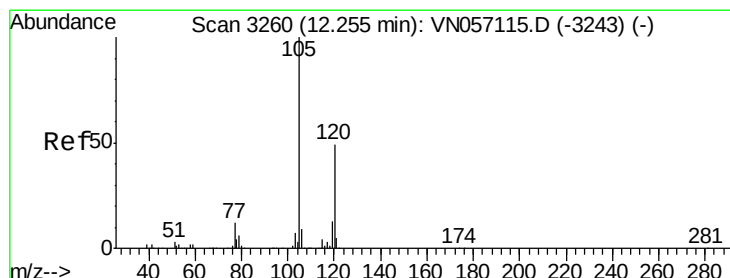
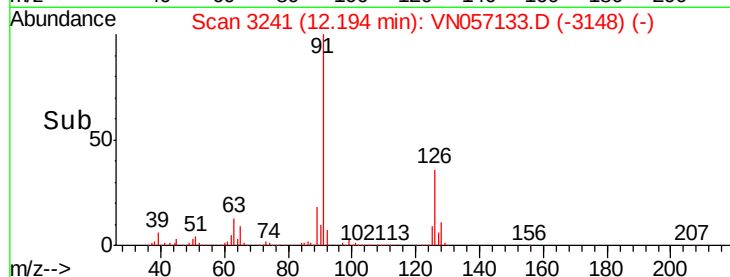
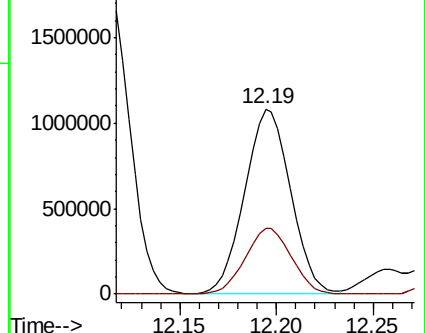
91 100

126 35.8 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3228) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.120 ug/l

RT: 12.26 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN057133.D

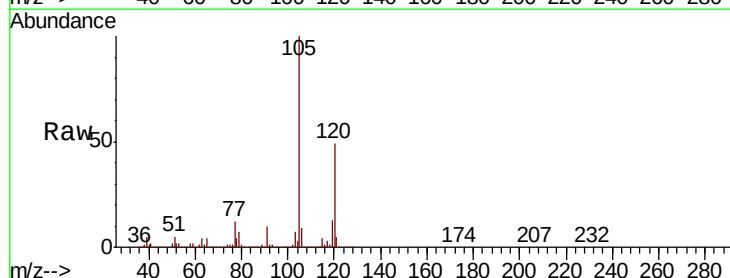
Acq: 8 Aug 2019 15:46

Tgt Ion: 105 Resp: 2290263

Ion Ratio Lower Upper

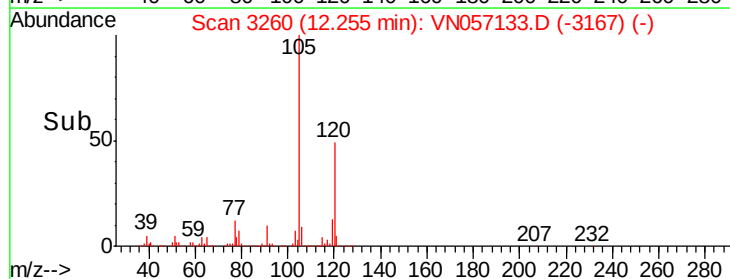
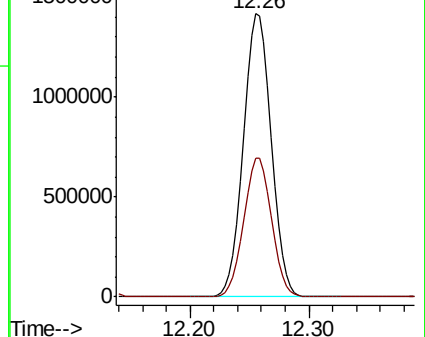
105 100

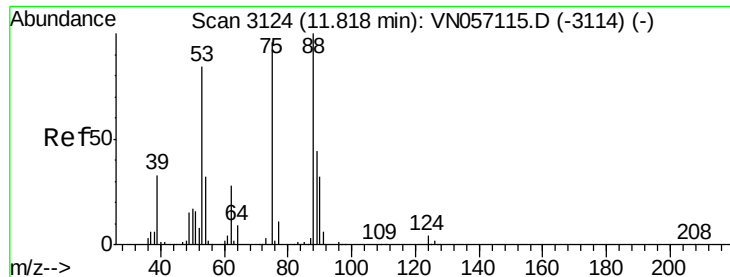
120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)

Ion 120.00 (119.70 to 120.70): VN057115.D (-3243) (-)

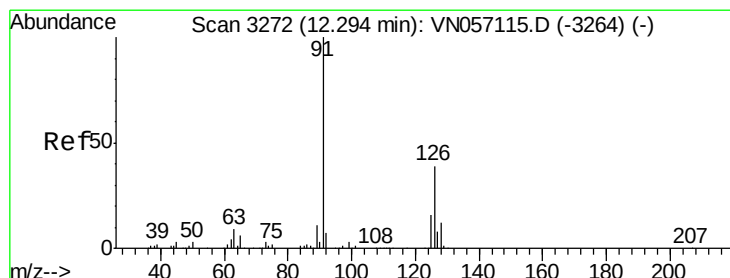
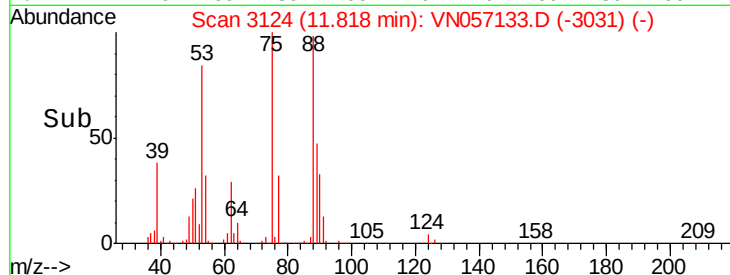
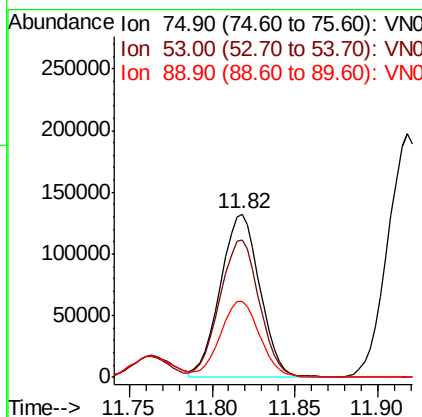
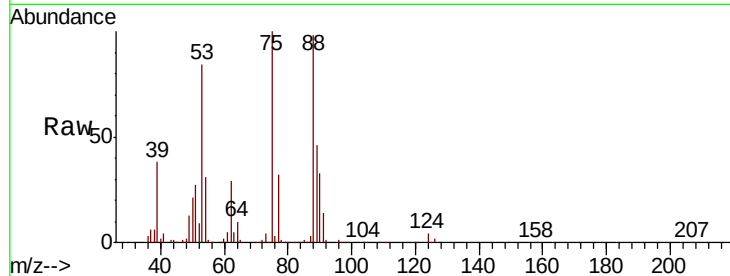




#81
trans-1,4-Dichloro-2-butene
Concen: 47.902 ug/l
RT: 11.82 min Scan# 3124
Delta R.T. -0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

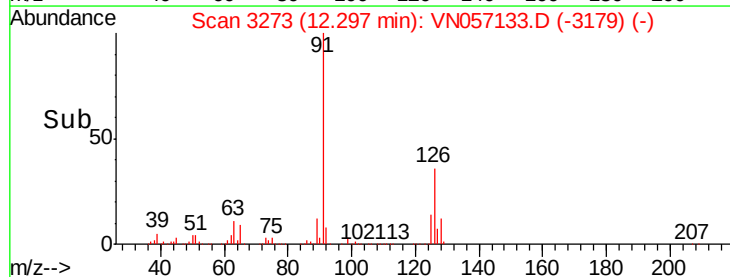
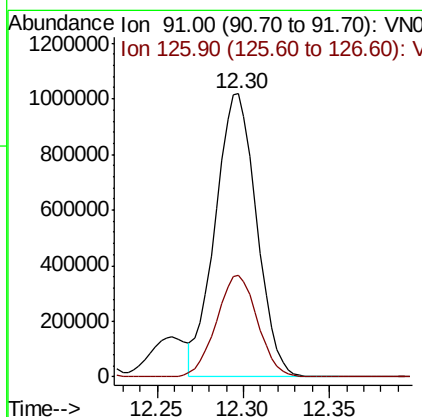
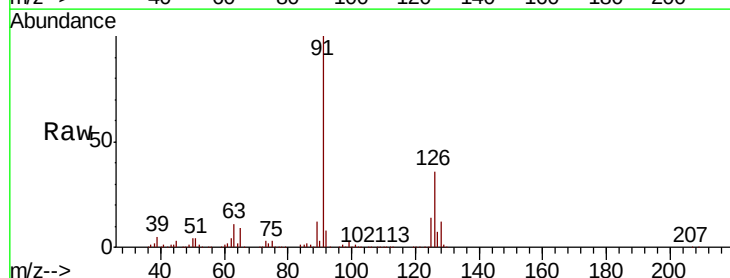
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

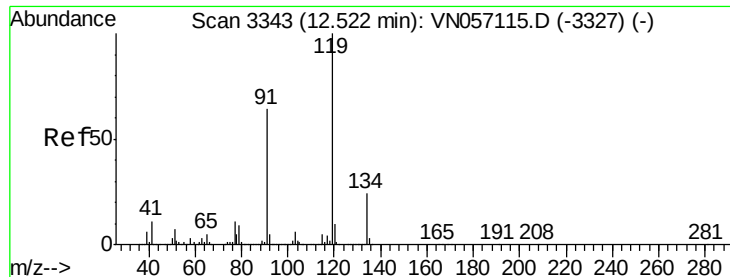
Tgt Ion: 75 Resp: 219052
Ion Ratio Lower Upper
75 100
53 85.1 70.6 106.0
89 47.0 36.4 54.6



#82
4-Chlorotoluene
Concen: 45.781 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN057133.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 91 Resp: 1709886
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7





#83

tert-Butylbenzene

Concen: 48.527 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

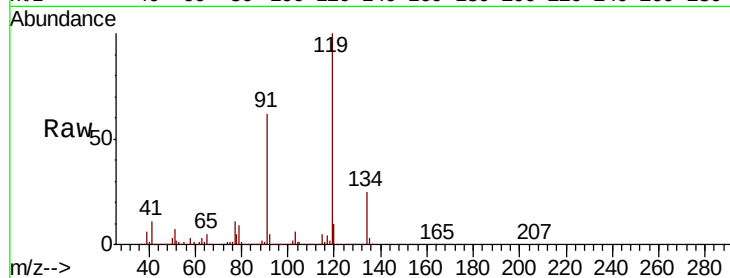
Tgt Ion:119 Resp: 1988287

Ion Ratio Lower Upper

119 100

91 62.0 31.4 94.2

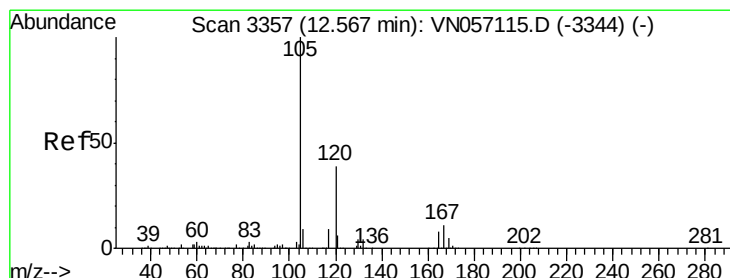
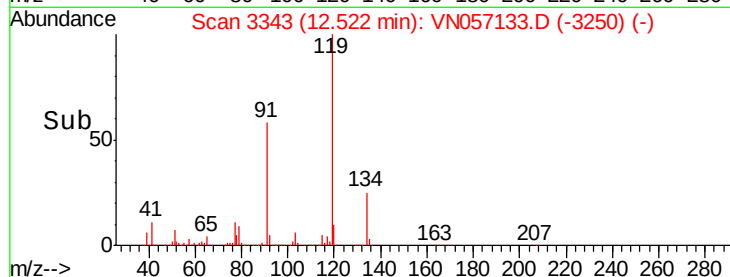
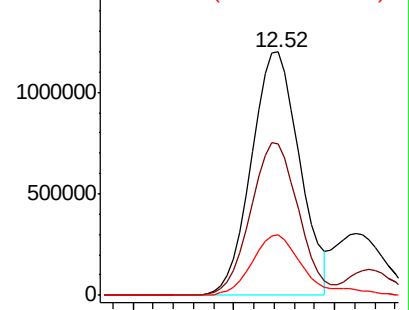
134 26.7 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 43.692 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN057133.D

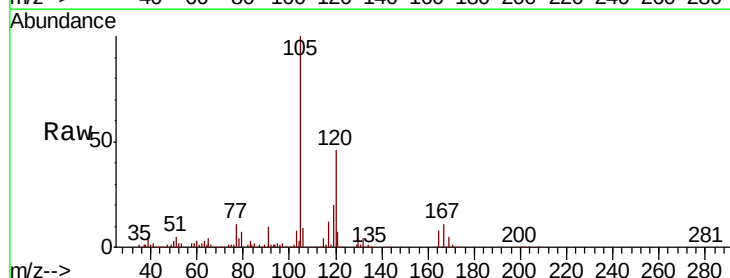
Acq: 8 Aug 2019 15:46

Tgt Ion:105 Resp: 2192220

Ion Ratio Lower Upper

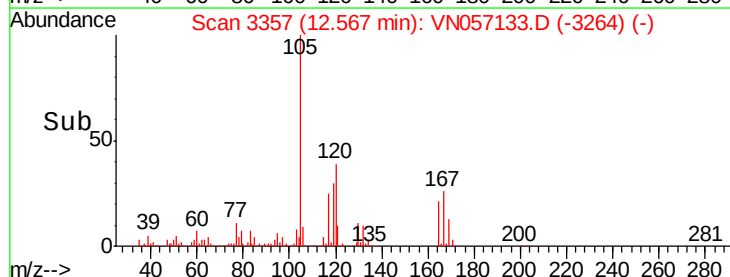
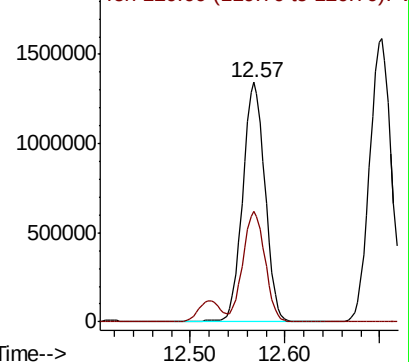
105 100

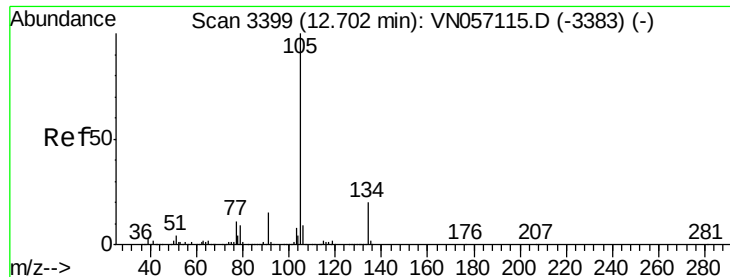
120 46.1 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 43.530 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

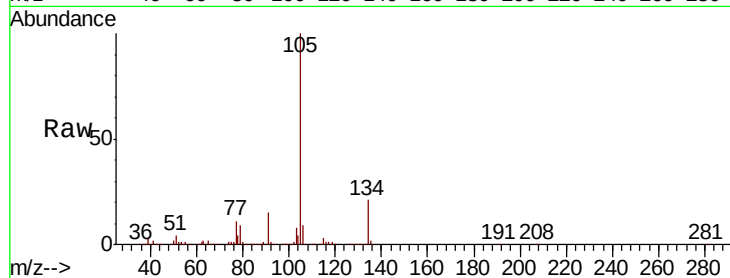
VSTDCCC050EC

Tgt Ion:105 Resp: 2550019

Ion Ratio Lower Upper

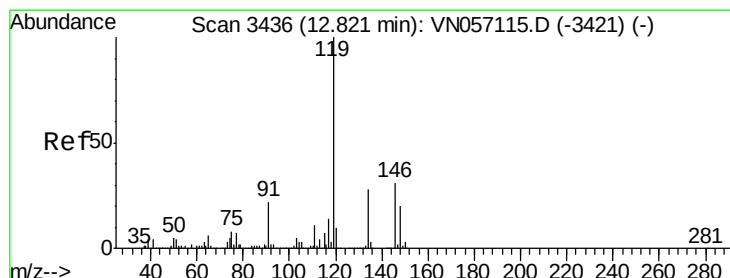
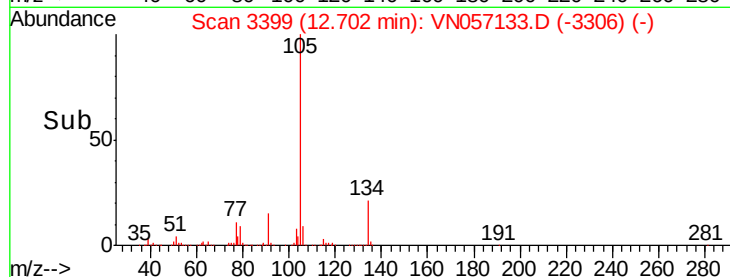
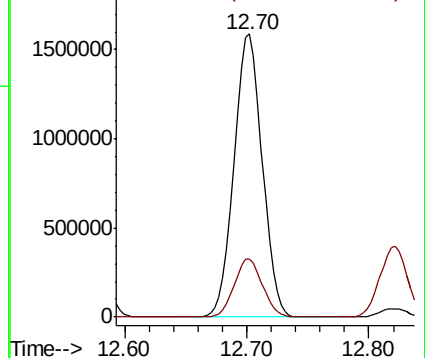
105 100

134 20.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.438 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

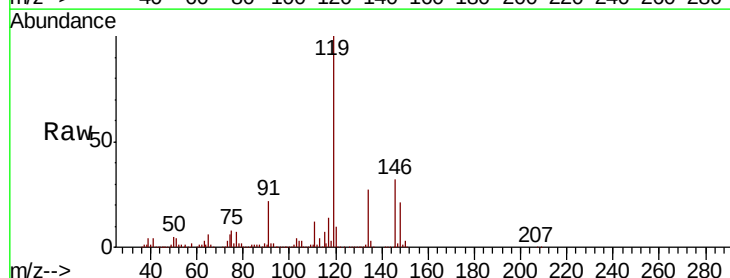
Tgt Ion:119 Resp: 2284278

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.3

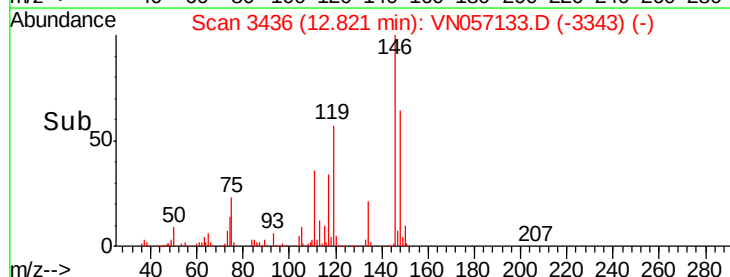
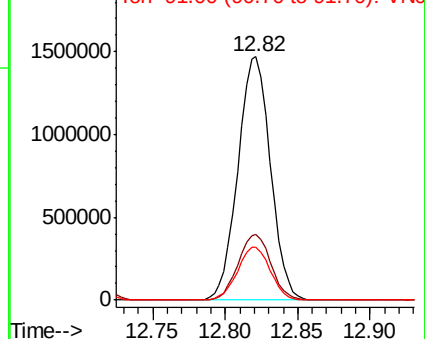
91 22.0 11.0 33.0

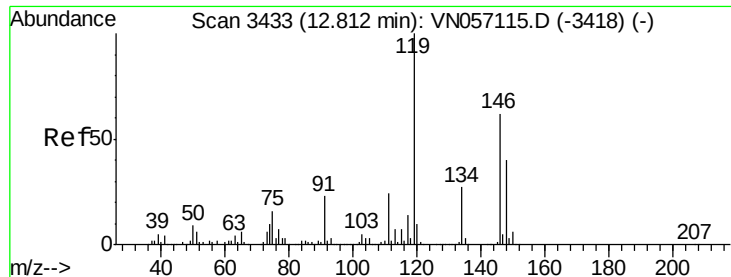


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

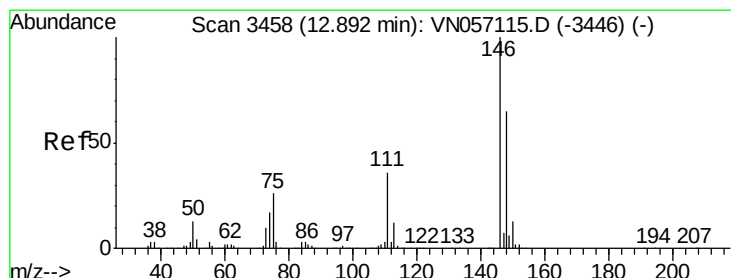
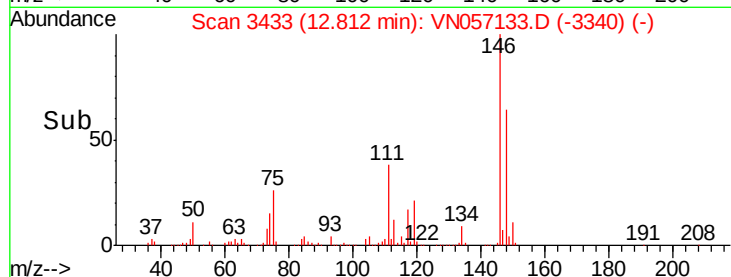
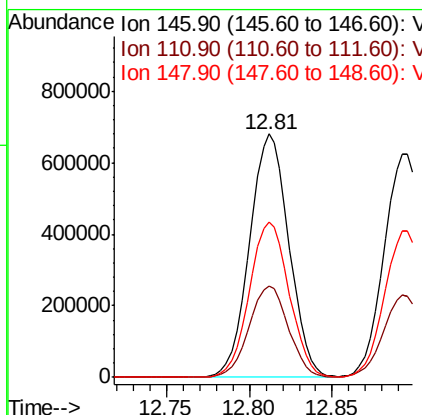
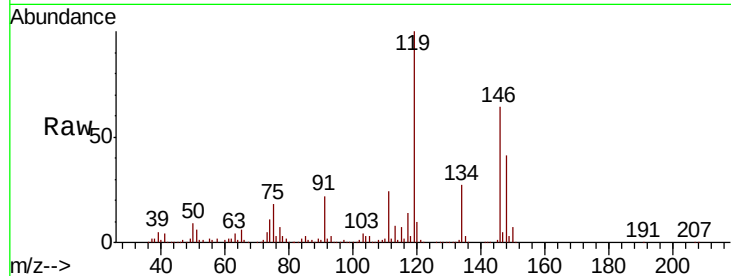




#87
 1,3-Dichlorobenzene
 Concen: 48.683 ug/l
 RT: 12.81 min Scan# 3433
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

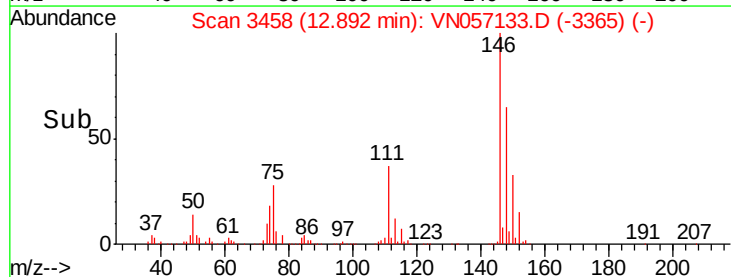
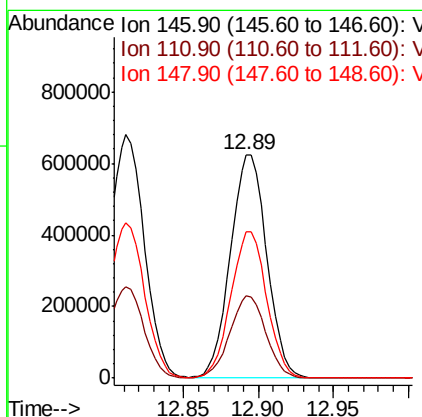
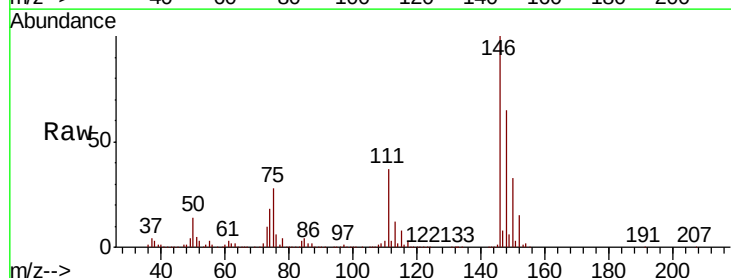
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

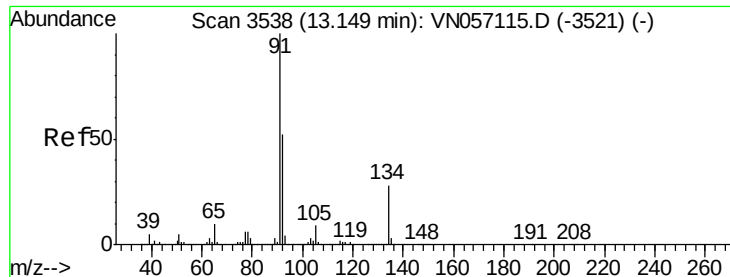
Tgt Ion:146 Resp: 1120117
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.4
 148 64.6 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 48.472 ug/l
 RT: 12.89 min Scan# 3458
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion:146 Resp: 1056700
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.2 54.6
 148 64.8 32.0 96.2





#89

n-Butylbenzene

Concen: 46.266 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

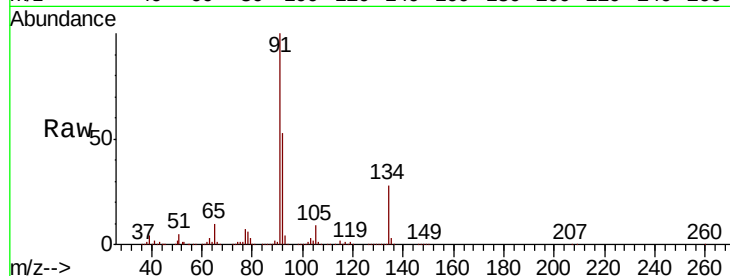
Tgt Ion: 91 Resp: 1643084

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.4

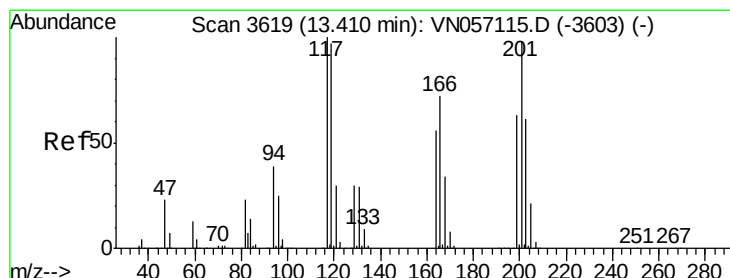
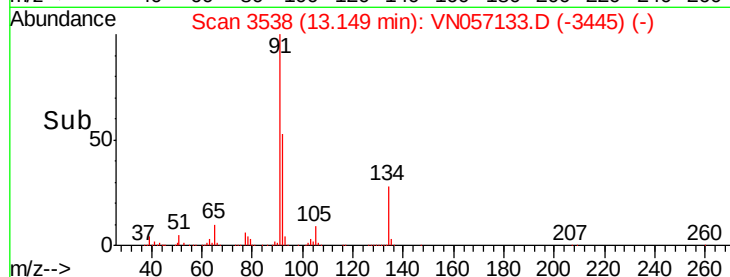
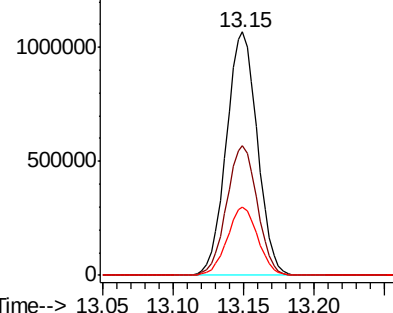
134 27.8 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3521) (-)

Ion 92.00 (91.70 to 92.70): VN057115.D (-3521) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3521) (-)



#90

Hexachloroethane

Concen: 49.278 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057133.D

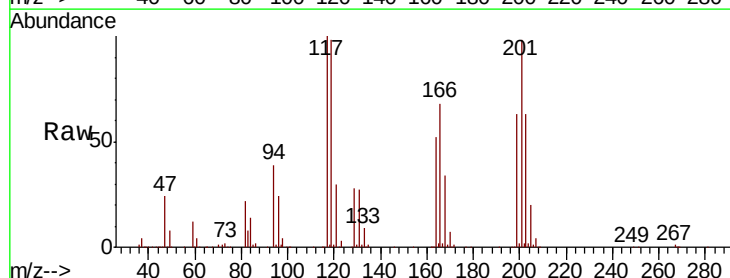
Acq: 8 Aug 2019 15:46

Tgt Ion: 117 Resp: 402774

Ion Ratio Lower Upper

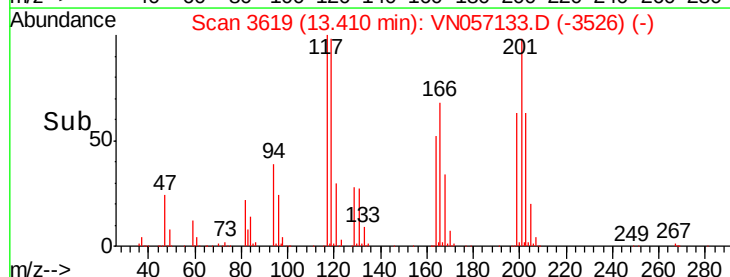
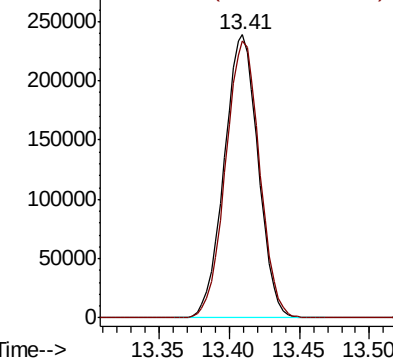
117 100

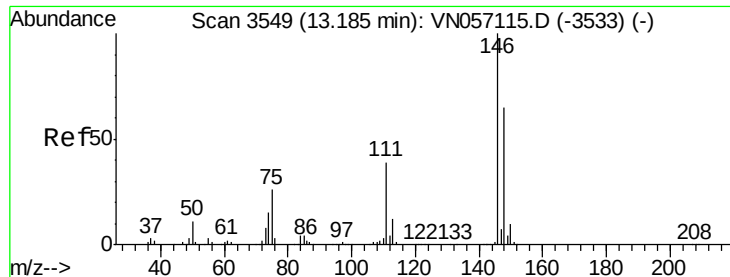
201 98.0 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057115.D (-3603) (-)

Ion 200.70 (200.40 to 201.40): VN057115.D (-3603) (-)

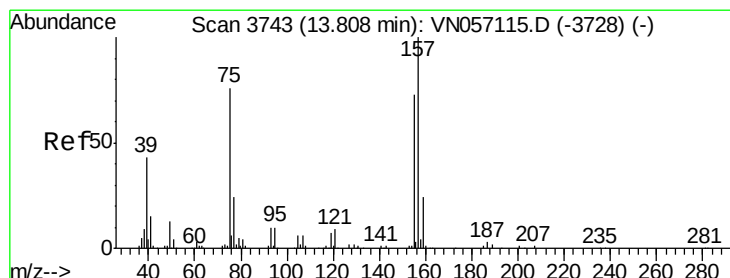
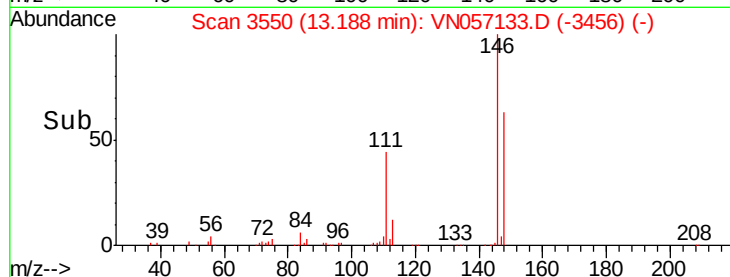
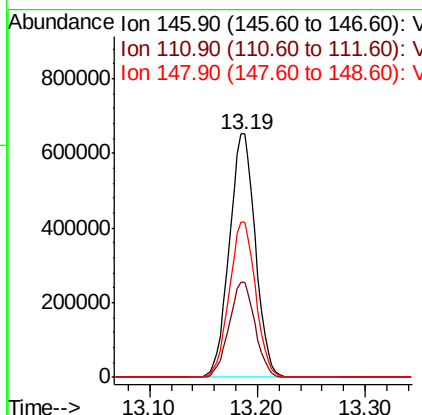
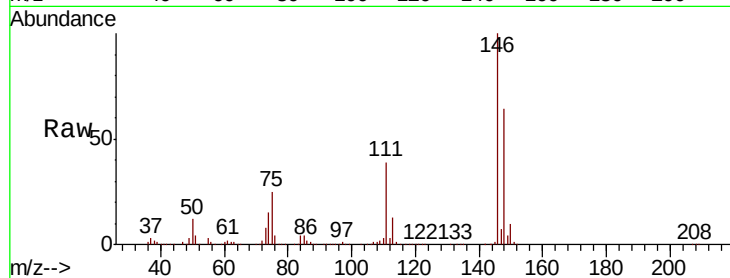




#91
 1,2-Dichlorobenzene
 Concen: 47.713 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. 0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

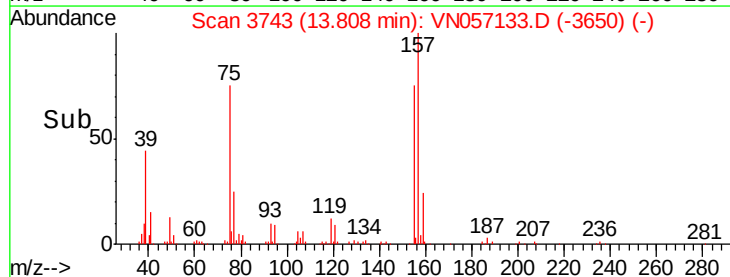
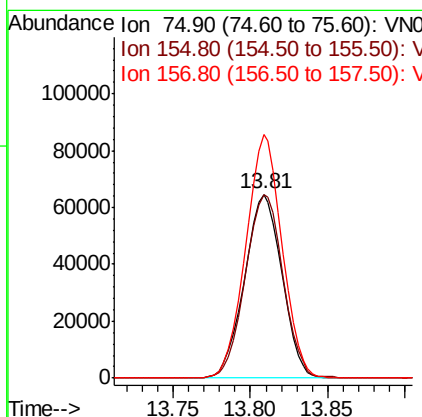
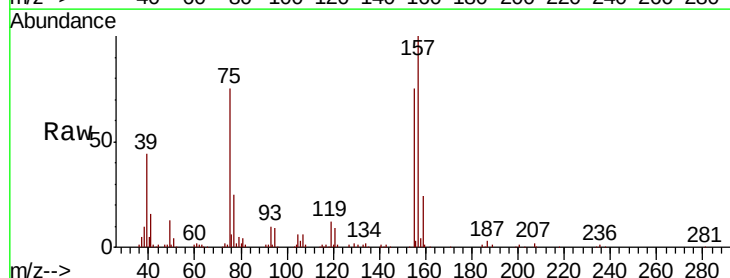
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

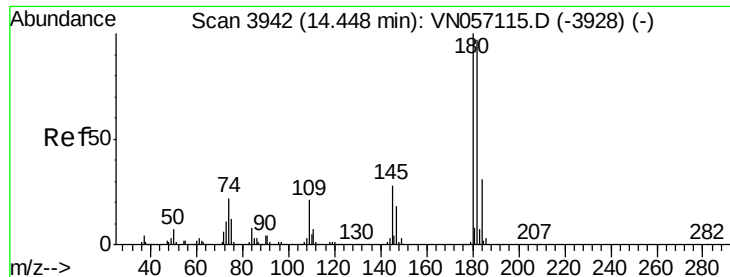
Tgt Ion:146 Resp: 1096265
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.2 57.6
 148 64.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.162 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion: 75 Resp: 109110
 Ion Ratio Lower Upper
 75 100
 155 100.8 49.3 147.9
 157 128.2 65.3 195.8

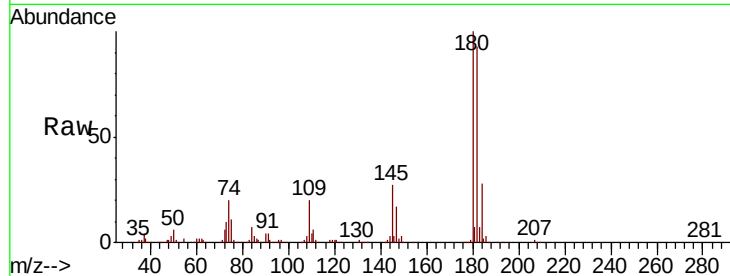




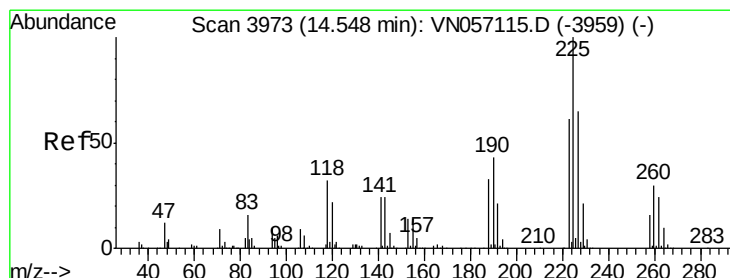
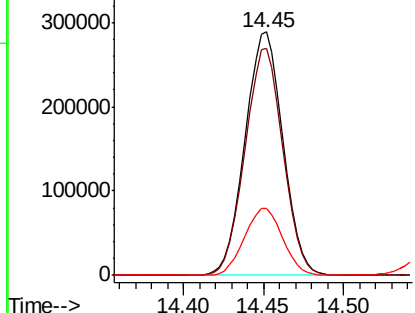
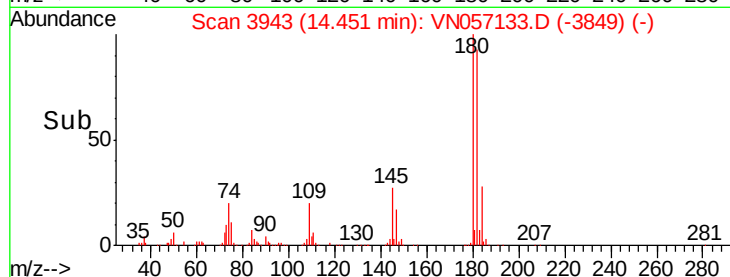
#93
 1,2,4-Trichlorobenzene
 Concen: 48.173 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 467028
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.5 142.6
 145 27.8 14.1 42.2

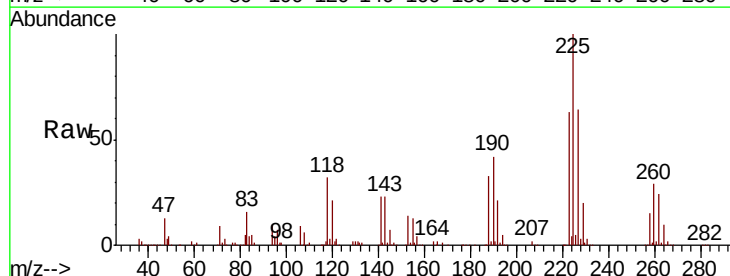


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

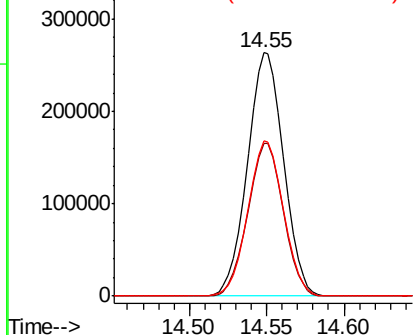
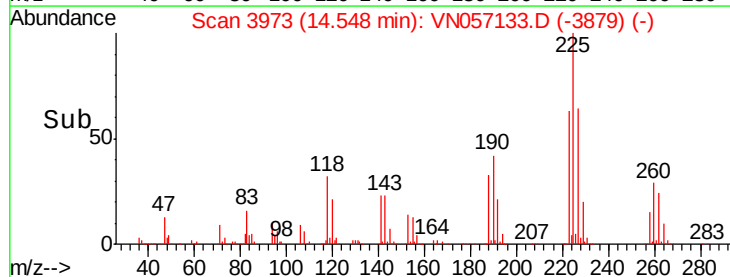


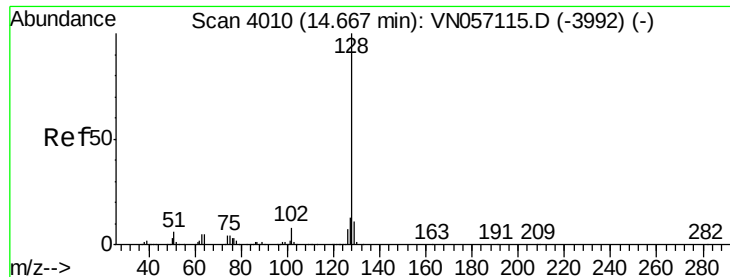
#94
 Hexachlorobutadiene
 Concen: 53.683 ug/l
 RT: 14.55 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VN057133.D
 Acq: 8 Aug 2019 15:46

Tgt Ion:225 Resp: 428235
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.8
 227 62.7 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.270 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

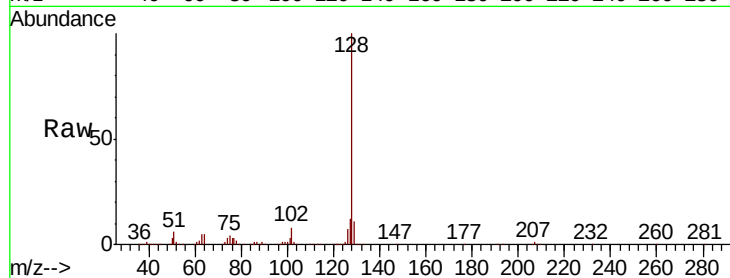
Tgt Ion:128 Resp: 887148

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

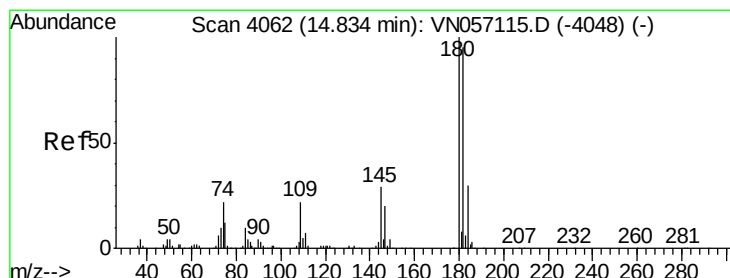
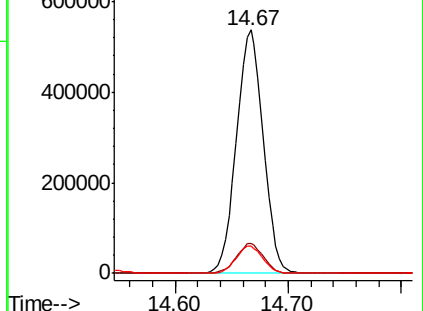
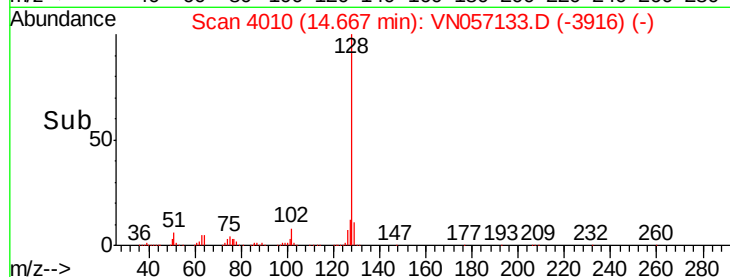
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.528 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. 0.00 min

Lab File: VN057133.D

Acq: 8 Aug 2019 15:46

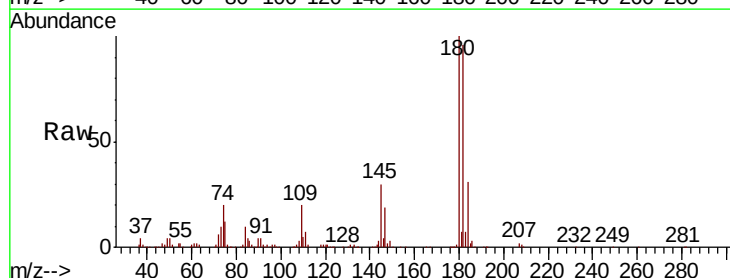
Tgt Ion:180 Resp: 441642

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 29.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

