

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
 Data File : VN057201.D
 Acq On : 11 Aug 2019 20:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 05:59:15 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	1062955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1564697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1407592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	588418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	561320	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	6.99	113	516682	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	9.56	98	1917509	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.92	95	655765	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.82	85	380175	44.500	ug/l	98
3) Chloromethane	2.00	50	463860	40.864	ug/l	99
4) Vinyl Chloride	2.11	62	461526	43.742	ug/l	98
5) Bromomethane	2.43	94	313570	43.739	ug/l	96
6) Chloroethane	2.55	64	318736	47.097	ug/l	99
7) Trichlorofluoromethane	2.82	101	722659	47.649	ug/l	98
8) Diethyl Ether	3.14	74	282715	48.248	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.44	101	441037	47.970	ug/l	99
10) Methyl Iodide	3.63	142	712949	51.315	ug/l	100
11) Tert butyl alcohol	4.23	59	385363	247.721	ug/l	99
12) 1,1-Dichloroethene	3.43	96	433610	47.941	ug/l	99
13) Acrolein	3.31	56	196120	199.284	ug/l	97
14) Allyl chloride	3.91	41	675143	51.364	ug/l	95
15) Acrylonitrile	4.45	53	1056508	250.940	ug/l	99
16) Acetone	3.47	43	803332	243.332	ug/l	100
17) Carbon Disulfide	3.72	76	1110434	46.149	ug/l	100
18) Methyl Acetate	3.89	43	527817	53.709	ug/l	99
19) Methyl tert-butyl Ether	4.49	73	1379955	50.537	ug/l	98
20) Methylene Chloride	4.10	84	510962	46.896	ug/l	99
21) trans-1,2-Dichloroethene	4.50	96	475561	48.267	ug/l	97
22) Diisopropyl ether	5.31	45	1388568	48.432	ug/l	96
23) Vinyl Acetate	5.26	43	5542949	252.470	ug/l	99
24) 1,1-Dichloroethane	5.25	63	851708	48.324	ug/l	98
25) 2-Butanone	6.20	43	1281022	253.969	ug/l	97
26) 2,2-Dichloropropane	6.21	77	549871	42.883	ug/l	99
27) cis-1,2-Dichloroethene	6.21	96	552380	48.938	ug/l	99
28) Bromochloromethane	6.58	49	408015	50.330	ug/l	99
29) Tetrahydrofuran	6.60	42	853893	251.303	ug/l	100
30) Chloroform	6.76	83	879146	48.194	ug/l	100
31) Cyclohexane	7.07	56	711731	44.886	ug/l	99
32) 1,1,1-Trichloroethane	6.98	97	762545	49.831	ug/l	99
36) 1,1-Dichloropropene	7.20	75	641032	49.758	ug/l	99
37) Ethyl Acetate	6.28	43	535441	50.418	ug/l #	98
38) Carbon Tetrachloride	7.18	117	676839	50.412	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.53	83	743635	47.466	ug/l	98
40) Benzene	7.46	78	1981832	48.593	ug/l	98
41) Methacrylonitrile	6.55	41	260515	48.293	ug/l	94
42) 1,2-Dichloroethane	7.54	62	651320	50.075	ug/l	100
43) Isopropyl Acetate	7.56	43	1157788	63.884	ug/l #	90
44) Trichloroethene	8.27	130	566345	49.566	ug/l	98
45) 1,2-Dichloropropane	8.56	63	514899	48.759	ug/l	99
46) Dibromomethane	8.65	93	343465	50.726	ug/l	99
47) Bromodichloromethane	8.85	83	677180	51.688	ug/l	99
48) Methyl methacrylate	8.64	41	426716	49.932	ug/l	99
49) 1,4-Dioxane	8.64	88	186859	1073.578	ug/l	100
51) 4-Methyl-2-Pentanone	9.45	43	2676322	253.738	ug/l	99
52) Toluene	9.63	92	1258629	49.718	ug/l	99
53) t-1,3-Dichloropropene	9.86	75	708868	51.792	ug/l	98
54) cis-1,3-Dichloropropene	9.30	75	803193	51.142	ug/l	100
55) 1,1,2-Trichloroethane	10.04	97	496789	49.903	ug/l	99
56) Ethyl methacrylate	9.90	69	731213	52.459	ug/l	98
57) 1,3-Dichloropropane	10.19	76	819738	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.15	63	543057	105.698	ug/l	98
59) 2-Hexanone	10.24	43	1902831	266.558	ug/l	99
60) Dibromochloromethane	10.39	129	568673	54.392	ug/l	99
61) 1,2-Dibromoethane	10.50	107	523292	50.940	ug/l	100
64) Tetrachloroethene	10.11	164	572114	48.873	ug/l	95
65) Chlorobenzene	10.93	112	1384533	48.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.01	131	530573	50.109	ug/l	98
67) Ethyl Benzene	11.01	91	2395003	49.134	ug/l	99
68) m/p-Xylenes	11.13	106	1817128	101.189	ug/l	99
69) o-Xylene	11.46	106	880899	49.289	ug/l	99
70) Styrene	11.47	104	1465826	52.509	ug/l	100
71) Bromoform	11.64	173	426725	55.017	ug/l #	100
73) Isopropylbenzene	11.76	105	2381432	49.673	ug/l	99
74) N-amyl acetate	11.59	43	711325	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.03	83	673335	52.702	ug/l	99
76) 1,2,3-Trichloropropane	12.08	75	798836	70.793	ug/l #	100
77) Bromobenzene	12.05	156	632236	44.702	ug/l	97
78) n-propylbenzene	12.11	91	2494134	44.183	ug/l	100
79) 2-Chlorotoluene	12.20	91	1545047	49.088	ug/l	100
80) 1,3,5-Trimethylbenzene	12.26	105	1996572	43.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.82	75	190557	47.617	ug/l	97
82) 4-Chlorotoluene	12.30	91	1462946	44.758	ug/l	100
83) tert-Butylbenzene	12.52	119	1776773	49.599	ug/l	99
84) 1,2,4-Trimethylbenzene	12.57	105	1905135	43.388	ug/l	100
85) sec-Butylbenzene	12.70	105	2206553	43.041	ug/l	98
86) p-Isopropyltoluene	12.82	119	1973814	43.878	ug/l	99
87) 1,3-Dichlorobenzene	12.81	146	958148	47.586	ug/l	99
88) 1,4-Dichlorobenzene	12.90	146	903371	47.352	ug/l	100
89) n-Butylbenzene	13.15	91	1453771	46.777	ug/l	98
90) Hexachloroethane	13.41	117	361031	50.498	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	930546	46.280	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.81	75	94880	45.870	ug/l	97

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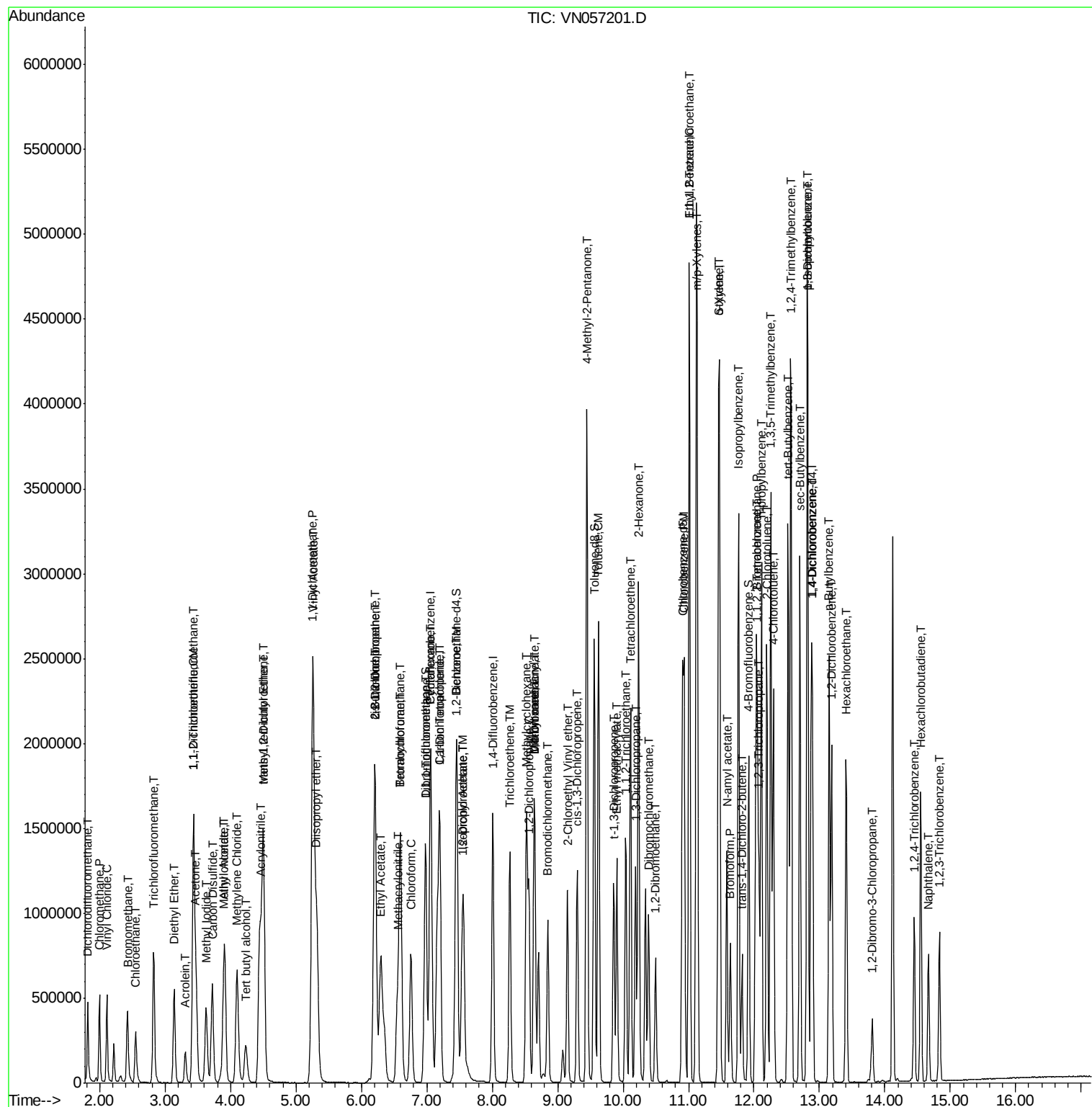
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.45	180	348150	41.914	ug/l	99
94) Hexachlorobutadiene	14.55	225	378789	54.305	ug/l	99
95) Naphthalene	14.67	128	645161	39.773	ug/l	99
96) 1,2,3-Trichlorobenzene	14.83	180	316727	37.523	ug/l	99

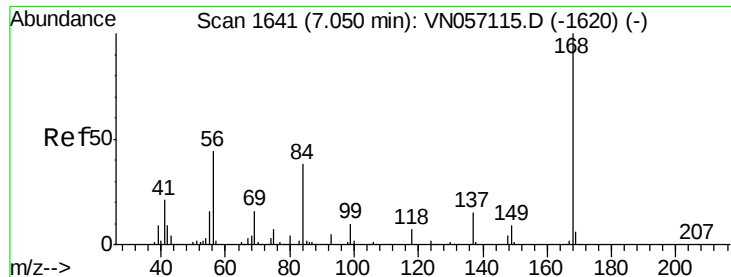
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

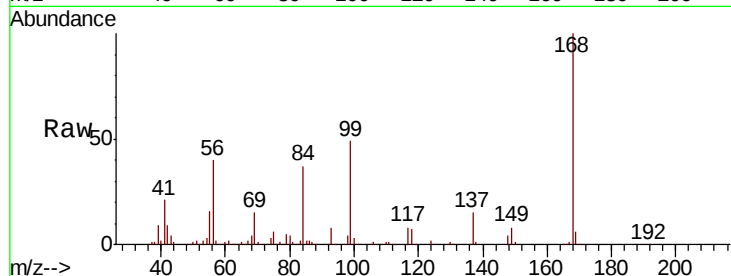
VSTDCCC050EC

Tgt Ion:168 Resp: 1062955

Ion Ratio Lower Upper

168 100

99 48.5 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

400000

300000

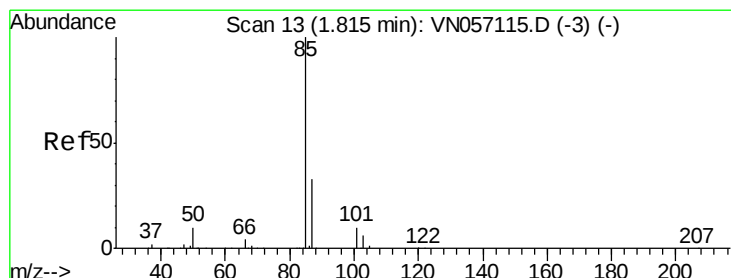
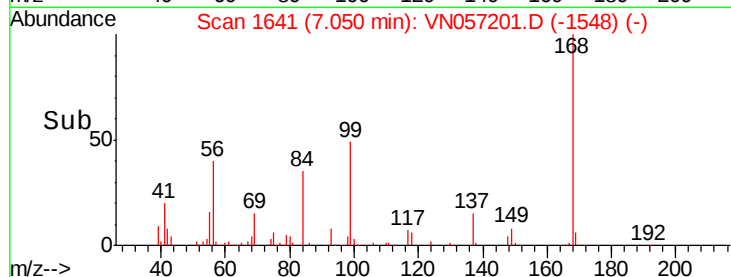
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#2

Dichlorodifluoromethane

Concen: 44.500 ug/l

RT: 1.82 min Scan# 14

Delta R.T. 0.00 min

Lab File: VN057201.D

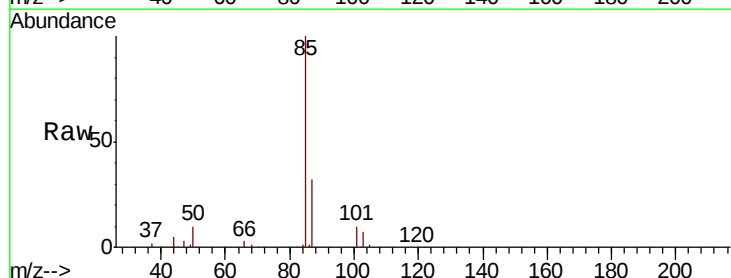
Acq: 11 Aug 2019 20:43

Tgt Ion: 85 Resp: 380175

Ion Ratio Lower Upper

85 100

87 31.9 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

300000

250000

200000

150000

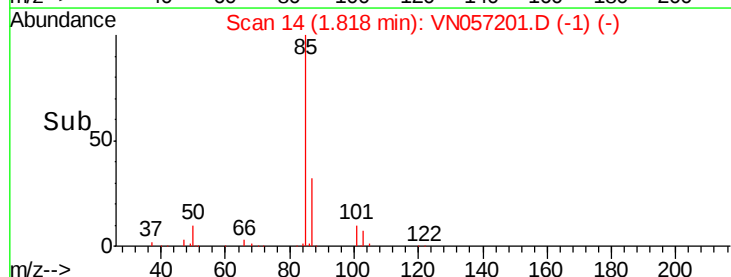
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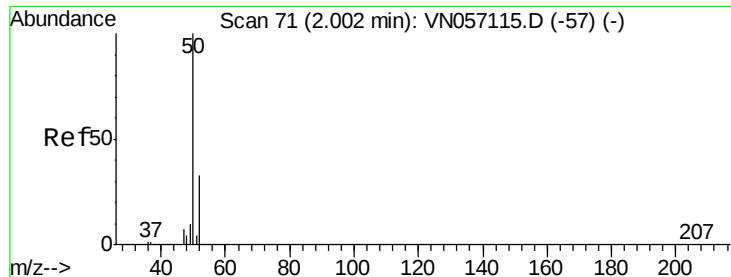
50000

0

Time-->

1.80 1.90





#3

Chloromethane

Concen: 40.864 ug/l

RT: 2.00 min Scan# 69

Delta R.T. -0.01 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

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ClientSampleId :

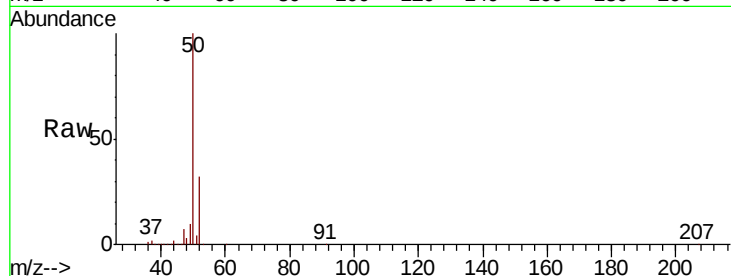
VSTDCCC050EC

Tgt Ion: 50 Resp: 463860

Ion Ratio Lower Upper

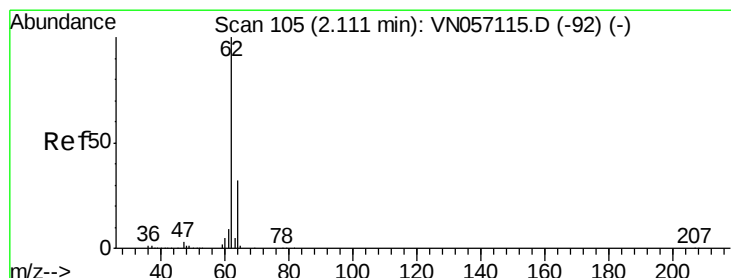
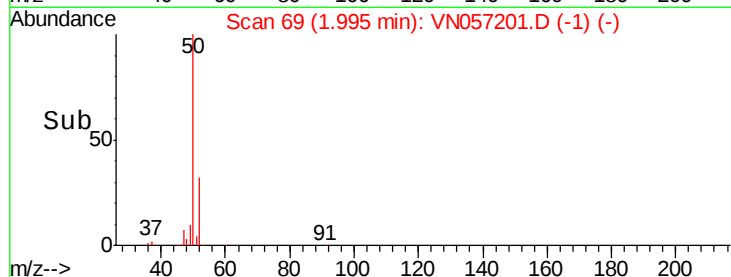
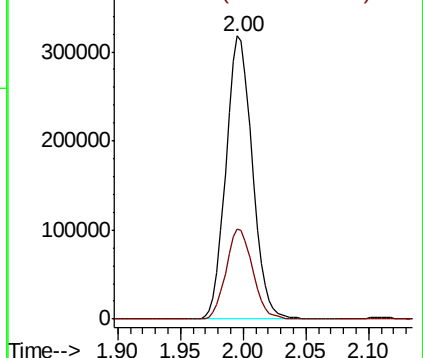
50 100

52 31.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 43.742 ug/l

RT: 2.11 min Scan# 105

Delta R.T. -0.00 min

Lab File: VN057201.D

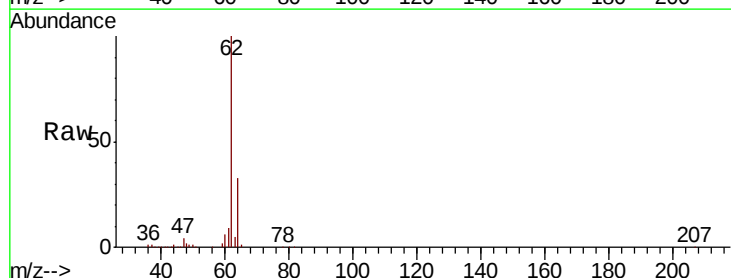
Acq: 11 Aug 2019 20:43

Tgt Ion: 62 Resp: 461526

Ion Ratio Lower Upper

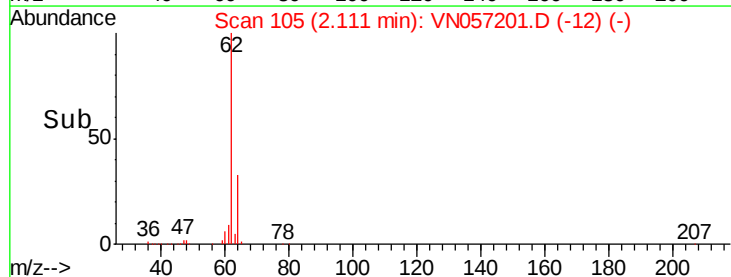
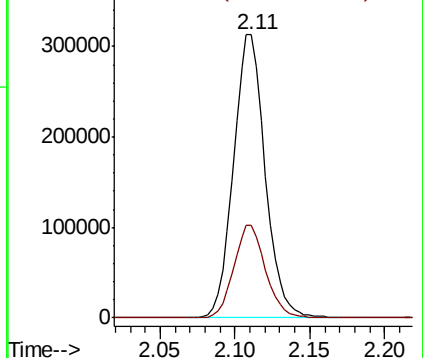
62 100

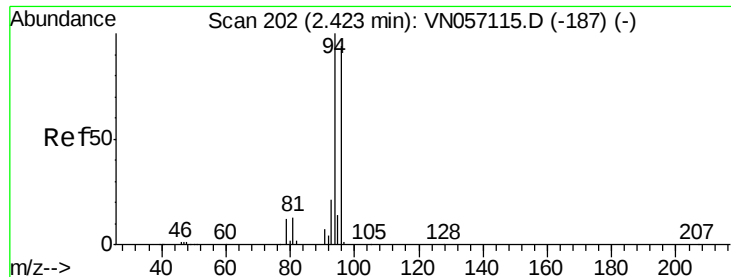
64 32.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 43.739 ug/l

RT: 2.43 min Scan# 203

Delta R.T. 0.00 min

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Acq: 11 Aug 2019 20:43

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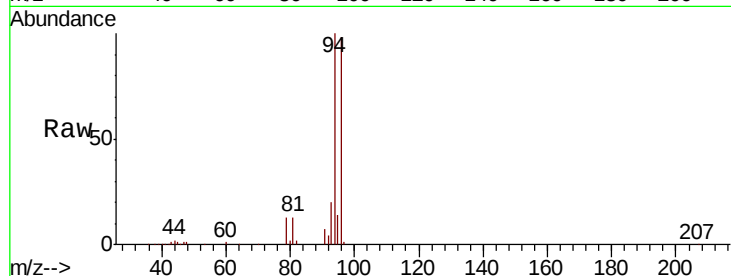
VSTDCCC050EC

Tgt Ion: 94 Resp: 313570

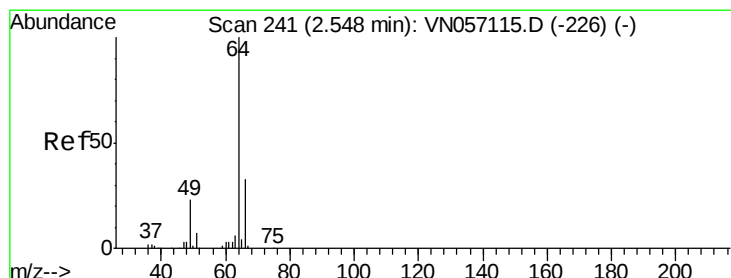
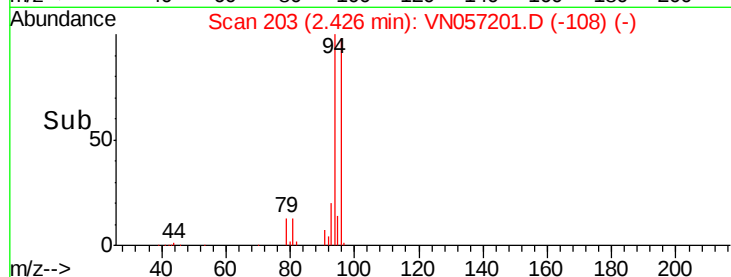
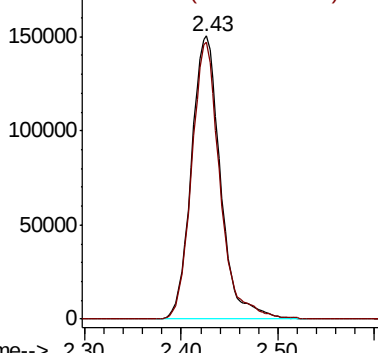
Ion Ratio Lower Upper

94 100

96 97.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.097 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.00 min

Lab File: VN057201.D

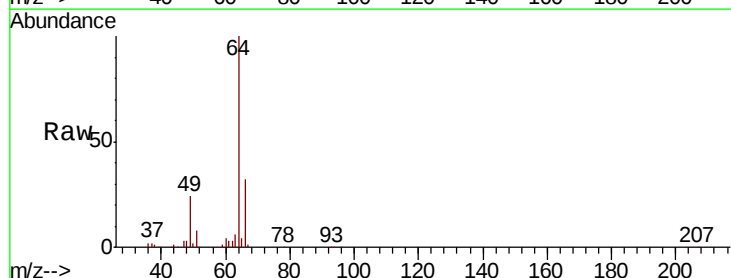
Acq: 11 Aug 2019 20:43

Tgt Ion: 64 Resp: 318736

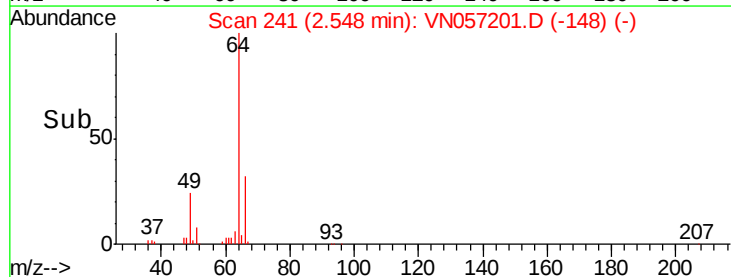
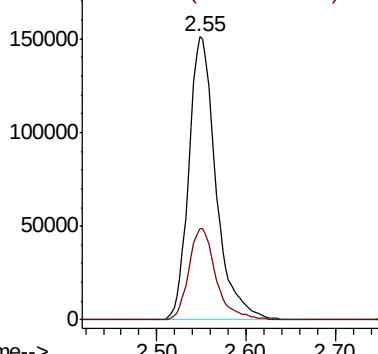
Ion Ratio Lower Upper

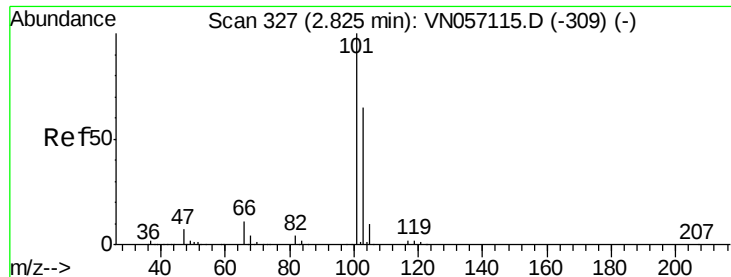
64 100

66 32.3 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



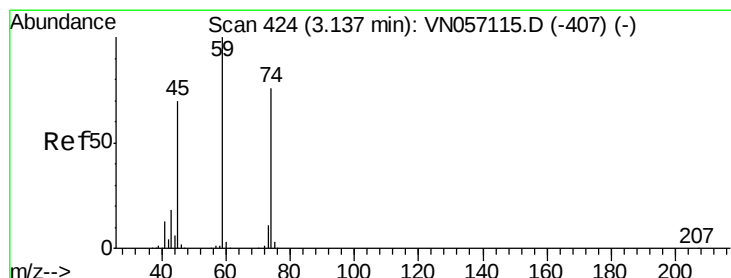
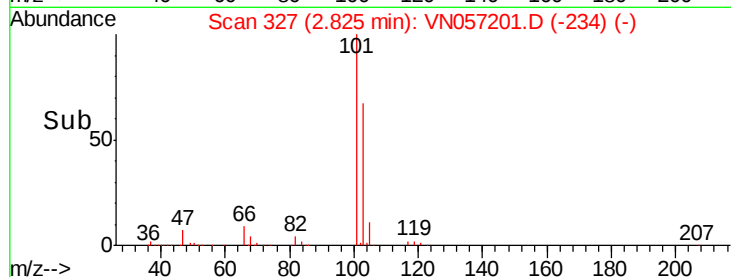
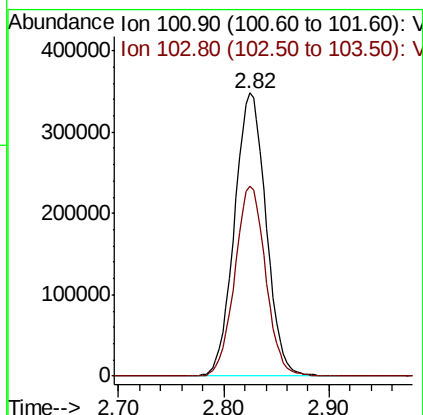
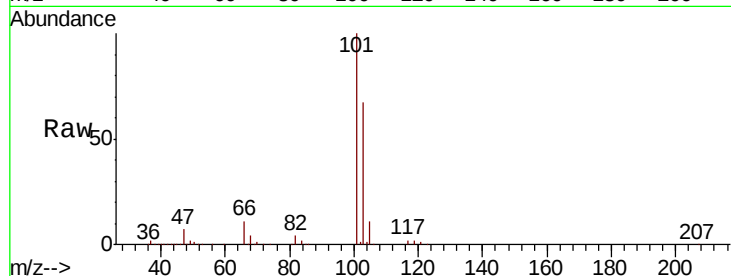


#7

Trichlorofluoromethane
 Concen: 47.649 ug/l
 RT: 2.82 min Scan# 327
 Delta R.T. -0.00 min
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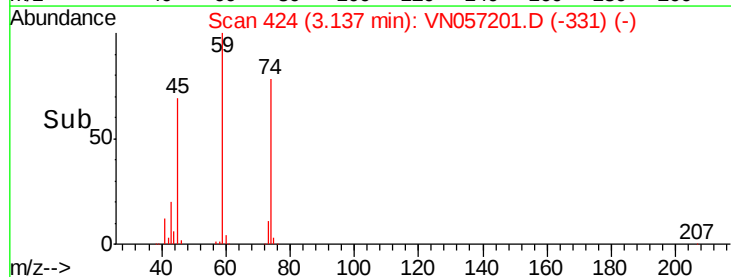
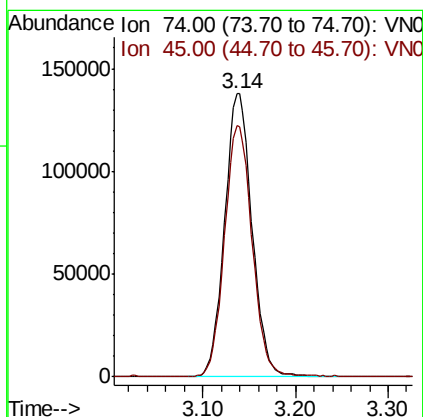
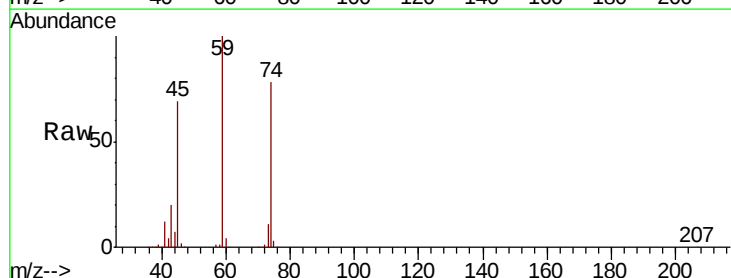
Tgt Ion:101 Resp: 722659
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.2 78.4

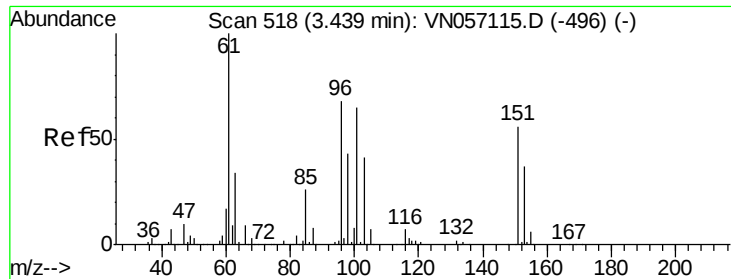


#8

Diethyl Ether
 Concen: 48.248 ug/l
 RT: 3.14 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VN057201.D
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Tgt Ion: 74 Resp: 282715
 Ion Ratio Lower Upper
 74 100
 45 89.0 46.3 138.8

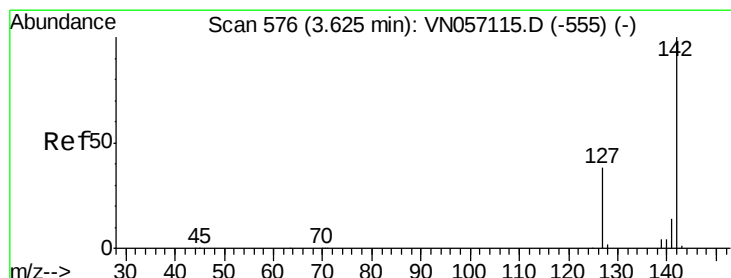
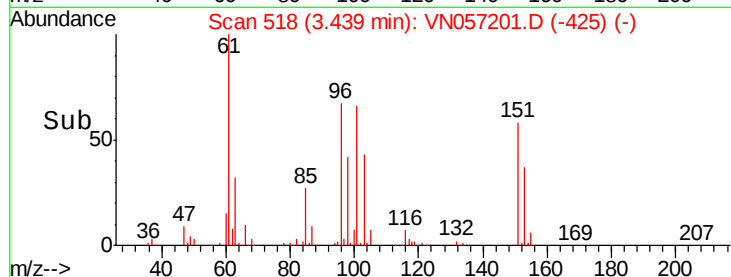
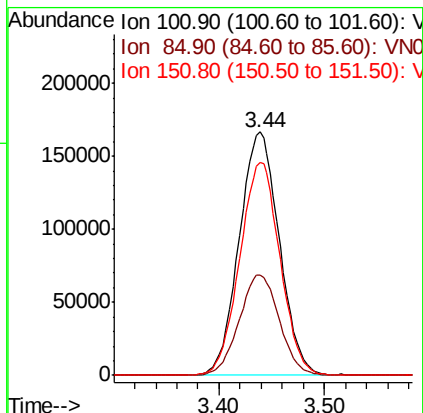
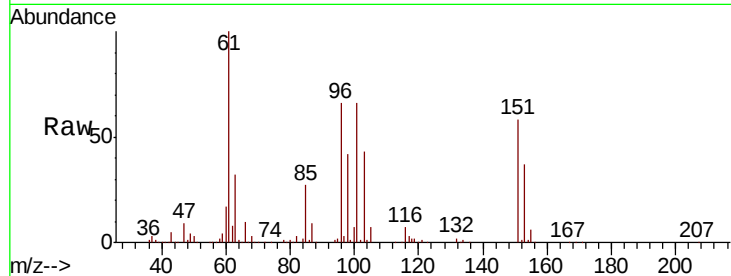




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.970 ug/l
 RT: 3.44 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

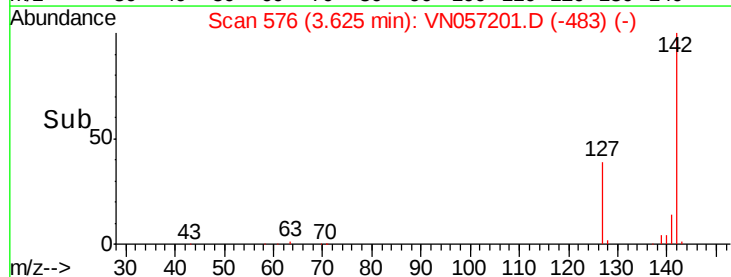
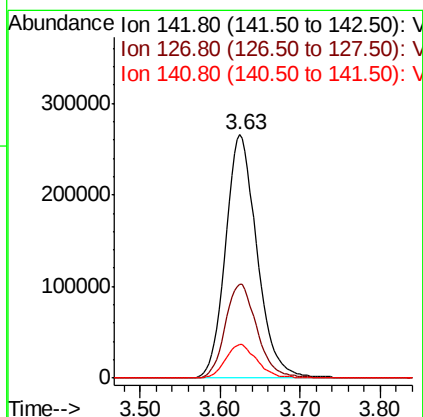
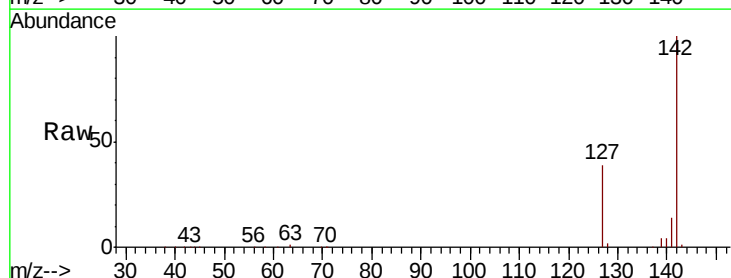
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

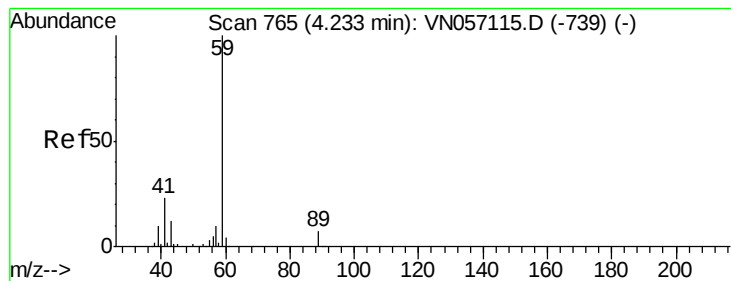
Tgt Ion:101 Resp: 441037
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.3 48.5
 151 87.8 69.4 104.0



#10
 Methyl Iodide
 Concen: 51.315 ug/l
 RT: 3.63 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion:142 Resp: 712949
 Ion Ratio Lower Upper
 142 100
 127 39.0 31.0 46.6
 141 13.9 11.2 16.8



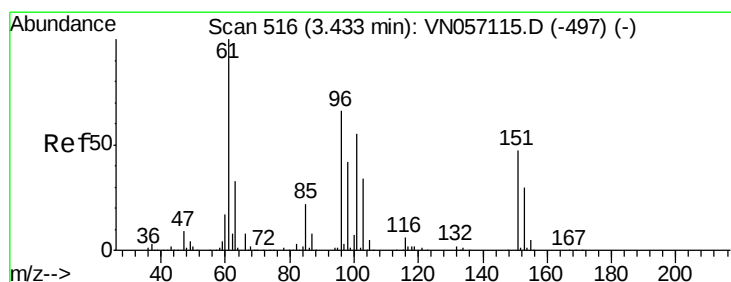
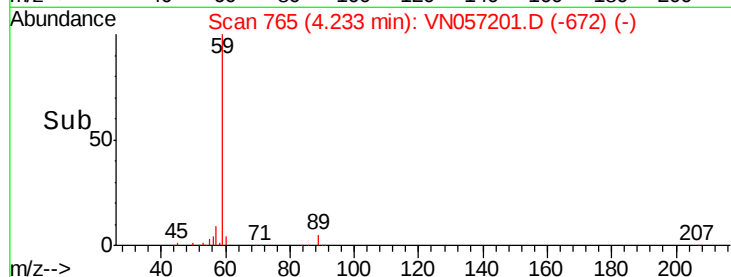
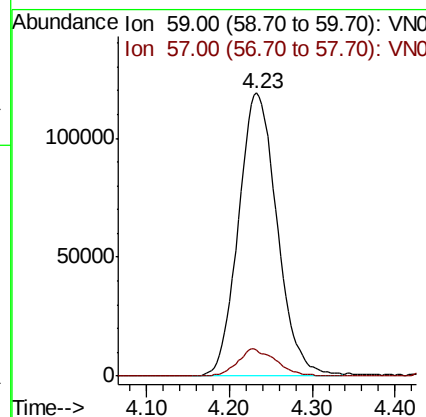
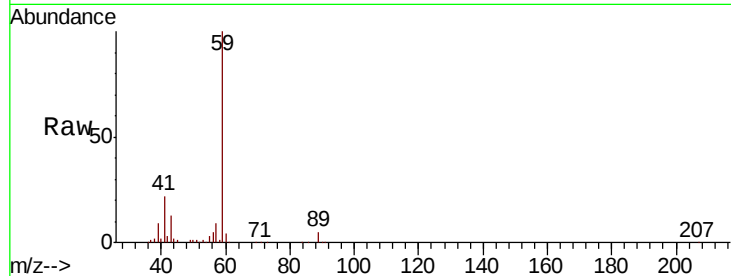


#11

Tert butyl alcohol
 Concen: 247.721 ug/l
 RT: 4.23 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

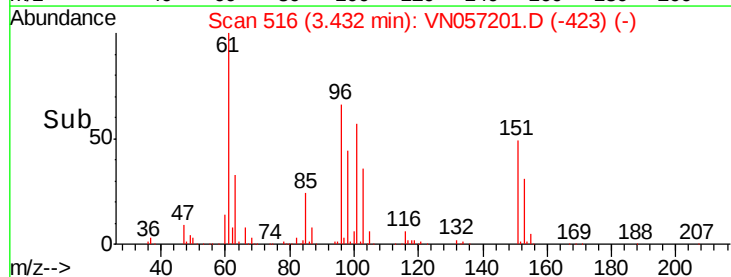
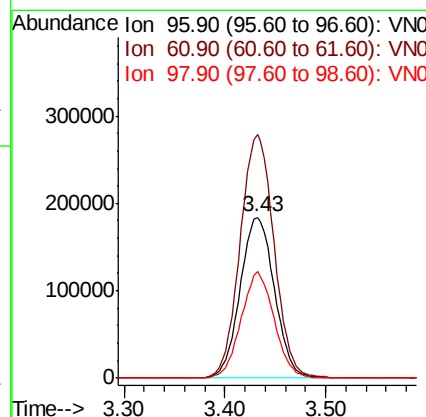
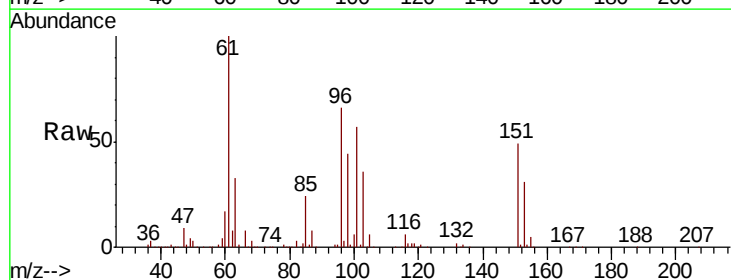
Tgt Ion: 59 Resp: 385363
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.9 11.9

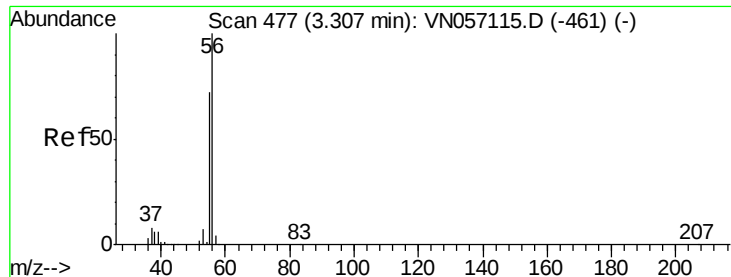


#12

1,1-Dichloroethene
 Concen: 47.941 ug/l
 RT: 3.43 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 96 Resp: 433610
 Ion Ratio Lower Upper
 96 100
 61 151.4 121.0 181.6
 98 66.1 50.8 76.2

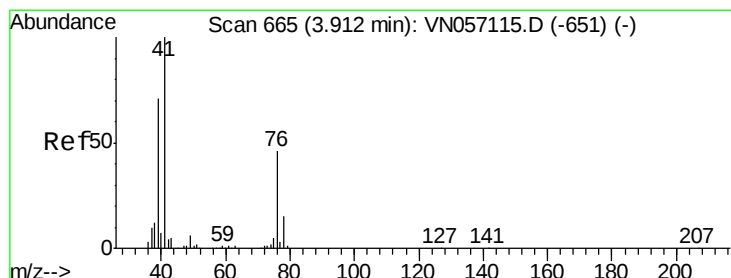
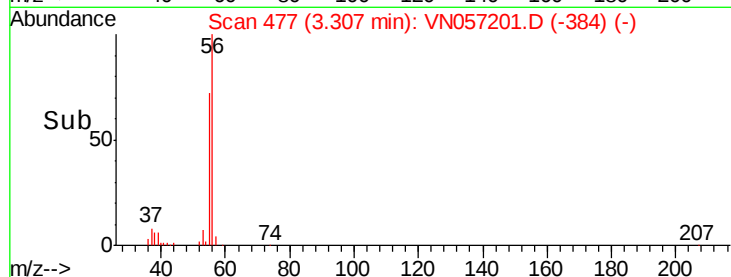
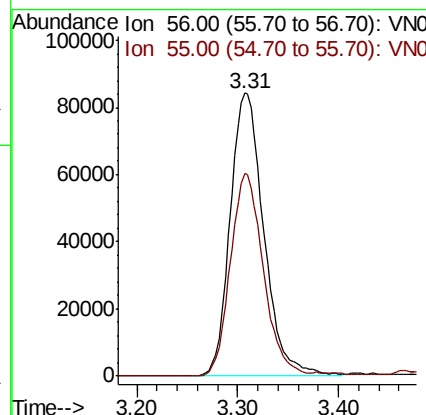
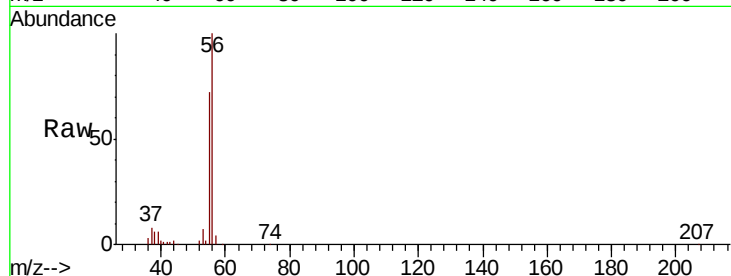




#13
Acrolein
Concen: 199.284 ug/l
RT: 3.31 min Scan# 477
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

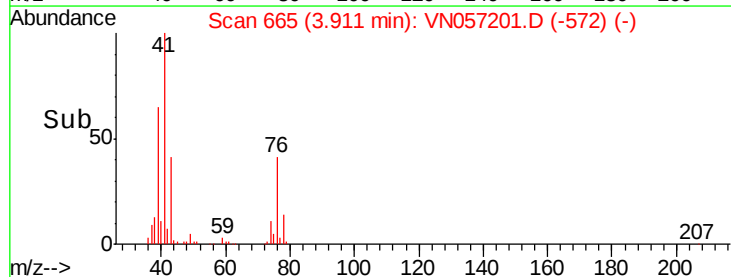
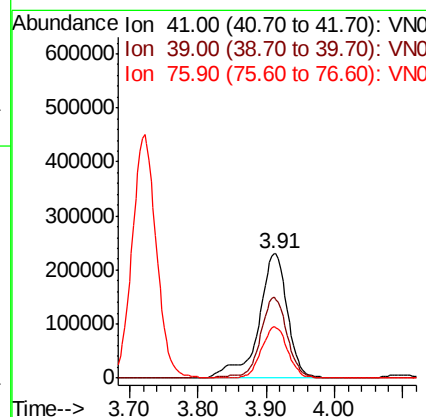
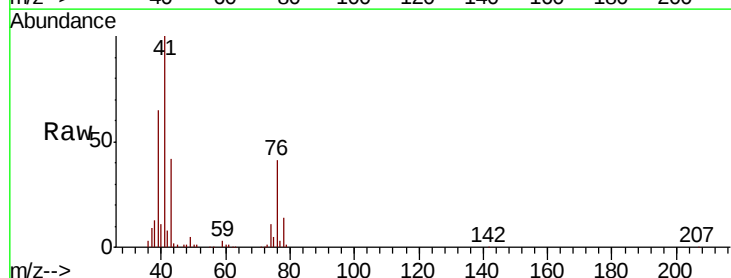
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

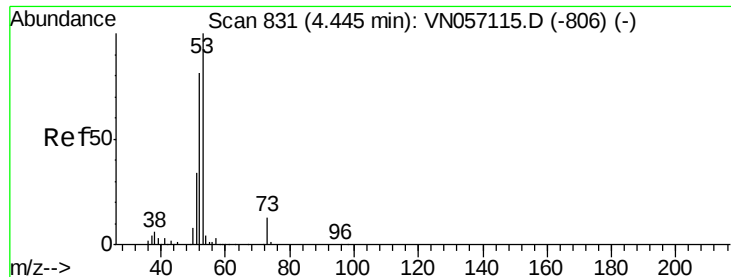
Tgt Ion: 56 Resp: 196120
Ion Ratio Lower Upper
56 100
55 70.0 57.7 86.5



#14
Allyl chloride
Concen: 51.364 ug/l
RT: 3.91 min Scan# 665
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 41 Resp: 675143
Ion Ratio Lower Upper
41 100
39 60.4 51.1 76.7
76 36.7 32.8 49.2





#15

Acrylonitrile

Concen: 250.940 ug/l

RT: 4.45 min Scan# 831

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

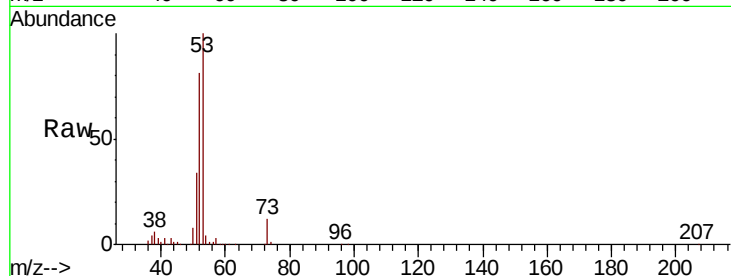
Tgt Ion: 53 Resp: 1056508

Ion Ratio Lower Upper

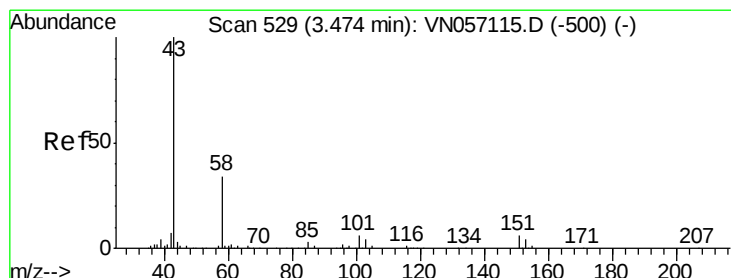
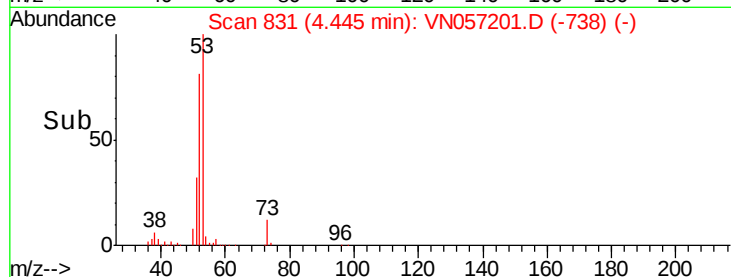
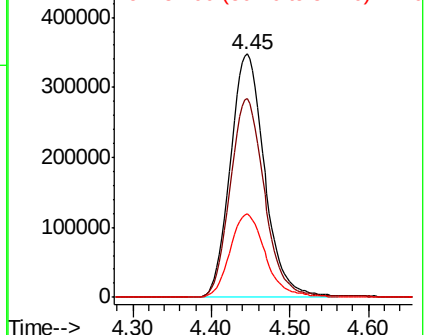
53 100

52 81.4 64.9 97.3

51 35.5 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: 243.332 ug/l

RT: 3.47 min Scan# 529

Delta R.T. -0.00 min

Lab File: VN057201.D

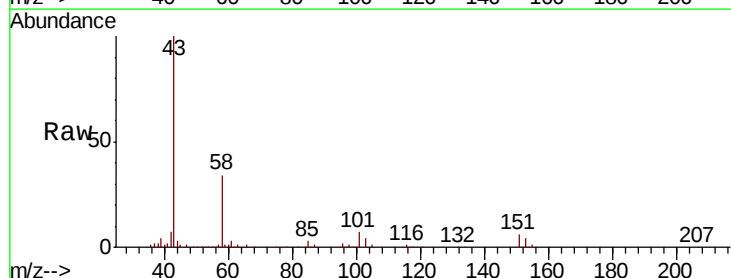
Acq: 11 Aug 2019 20:43

Tgt Ion: 43 Resp: 803332

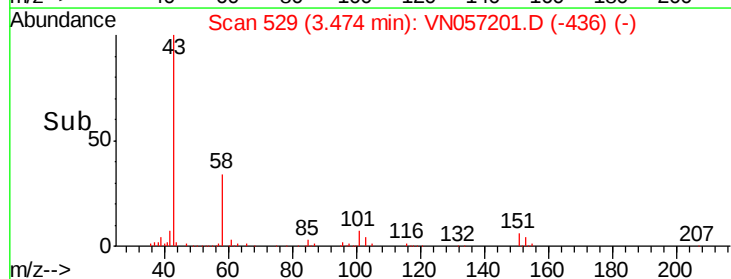
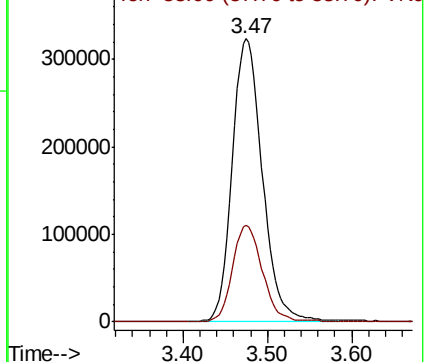
Ion Ratio Lower Upper

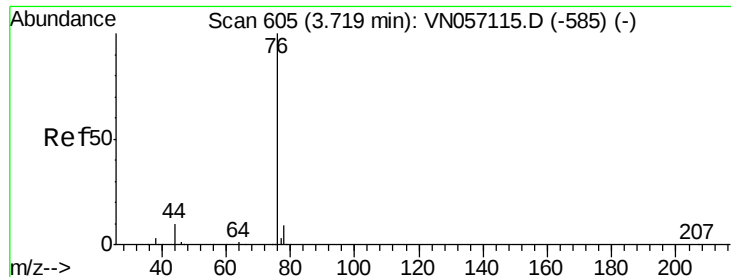
43 100

58 34.2 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: 46.149 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

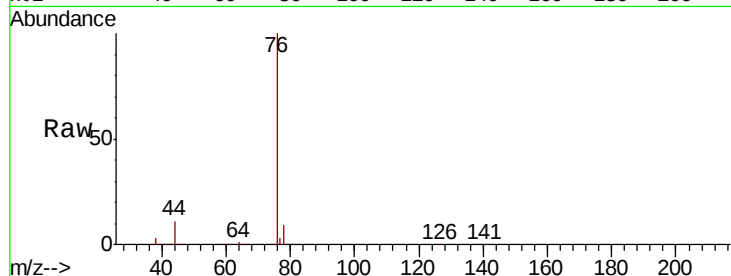
VSTDCCC050EC

Tgt Ion: 76 Resp: 1110434

Ion Ratio Lower Upper

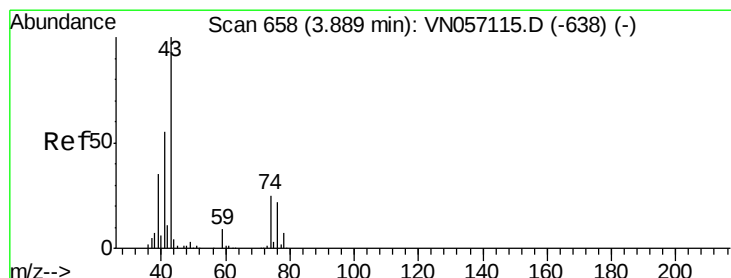
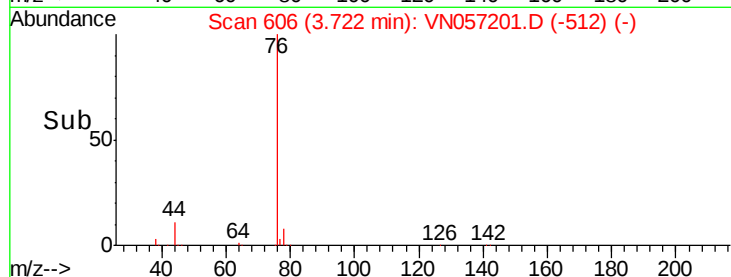
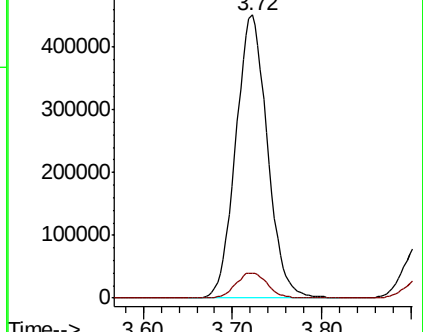
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN057201.D (-512) (-)

Ion 77.90 (77.60 to 78.60): VN057201.D (-512) (-)



#18

Methyl Acetate

Concen: 53.709 ug/l

RT: 3.89 min Scan# 658

Delta R.T. -0.00 min

Lab File: VN057201.D

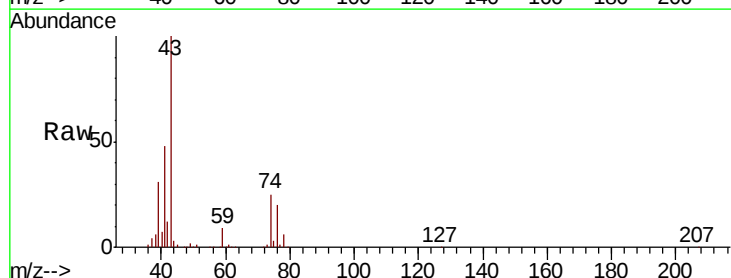
Acq: 11 Aug 2019 20:43

Tgt Ion: 43 Resp: 527817

Ion Ratio Lower Upper

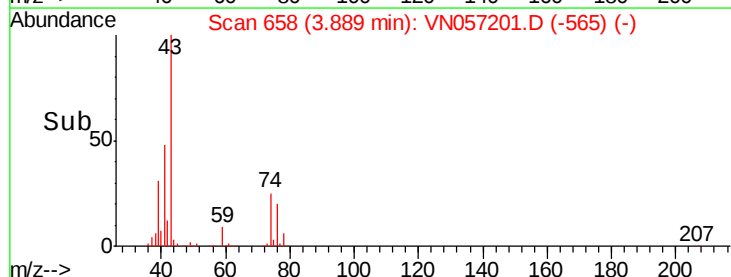
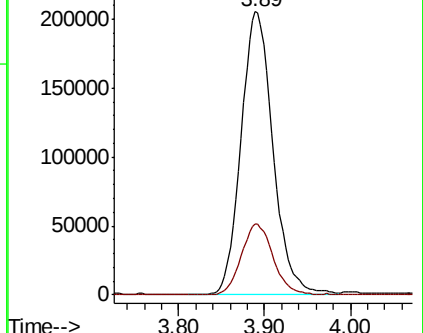
43 100

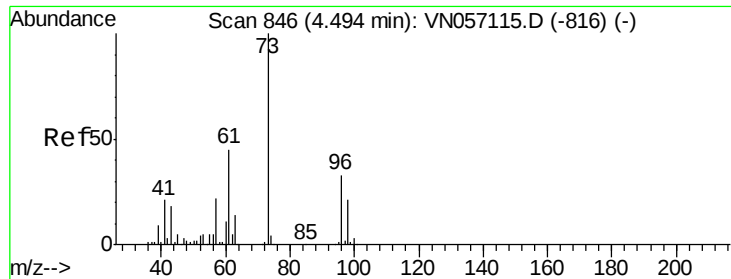
74 25.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN057201.D (-565) (-)

Ion 74.00 (73.70 to 74.70): VN057201.D (-565) (-)

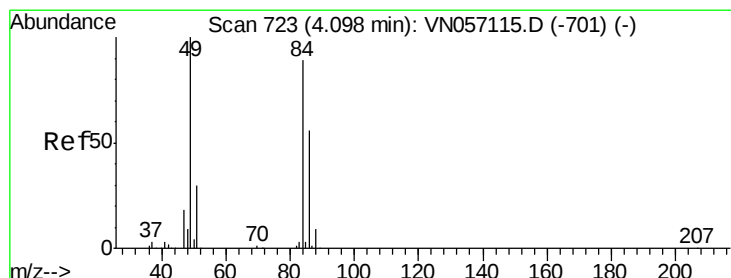
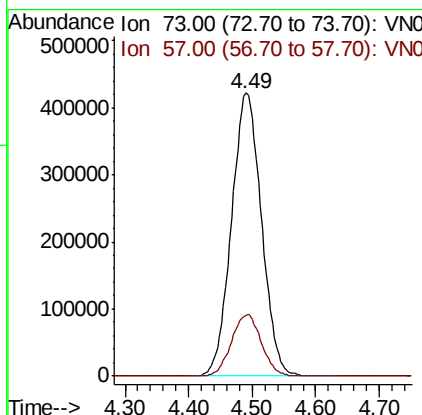
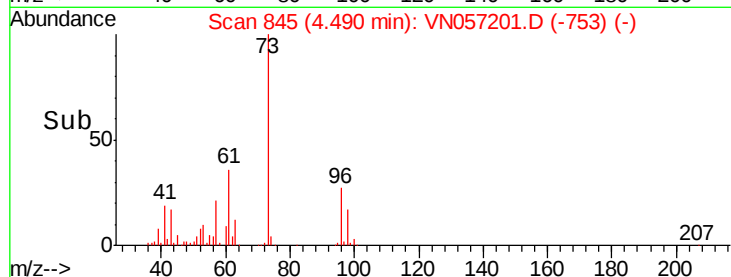
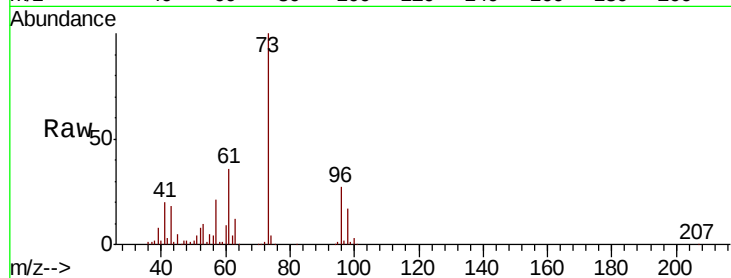




#19
Methyl tert-butyl Ether
Concen: 50.537 ug/l
RT: 4.49 min Scan# 845
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

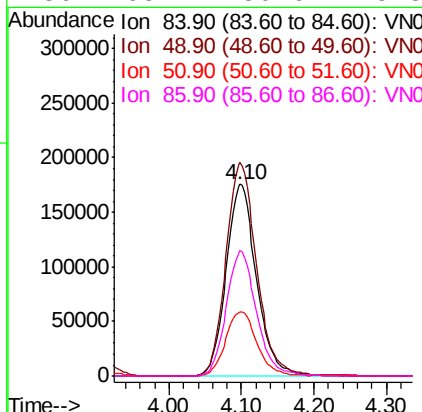
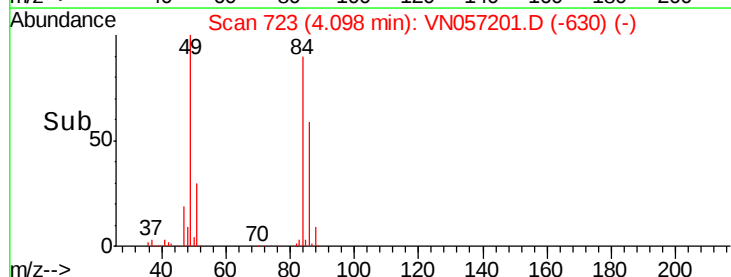
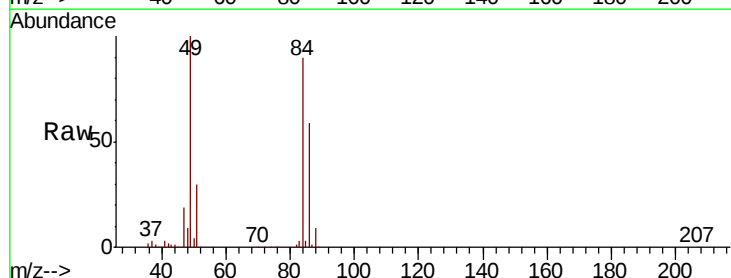
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

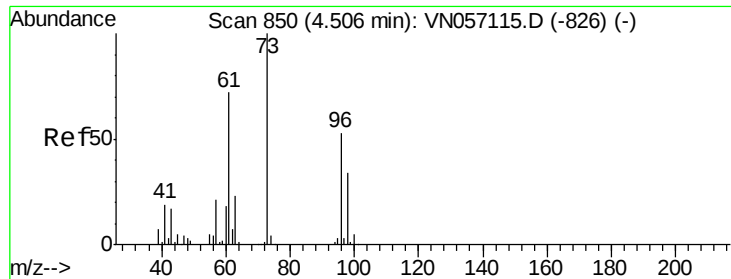
Tgt Ion: 73 Resp: 1379955
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 46.896 ug/l
RT: 4.10 min Scan# 723
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 84 Resp: 510962
Ion Ratio Lower Upper
84 100
49 111.4 89.5 134.3
51 33.4 27.2 40.8
86 65.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.267 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

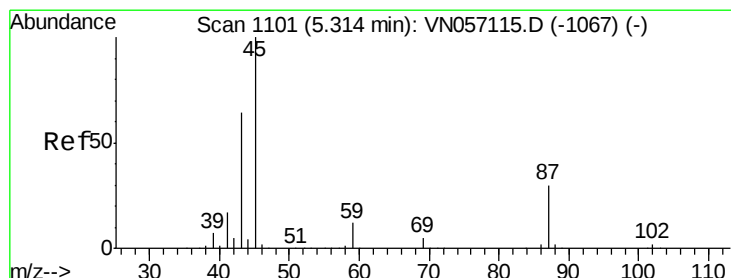
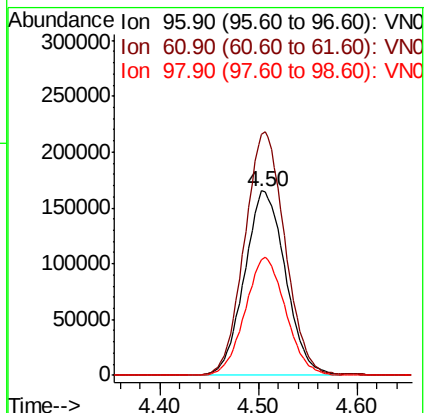
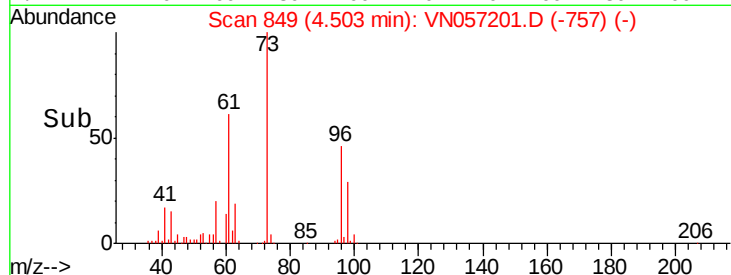
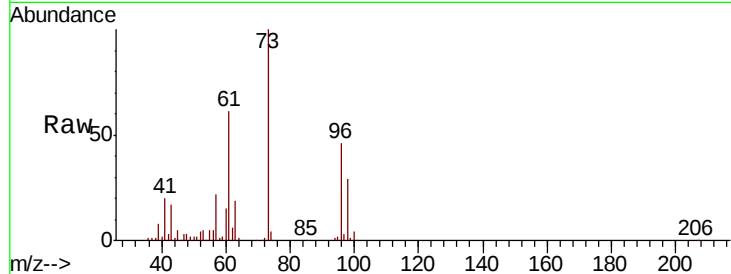
Tgt Ion: 96 Resp: 475561

Ion Ratio Lower Upper

96 100

61 130.7 108.1 162.1

98 62.8 50.5 75.7



#22

Diisopropyl ether

Concen: 48.432 ug/l

RT: 5.31 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Tgt Ion: 45 Resp: 1388568

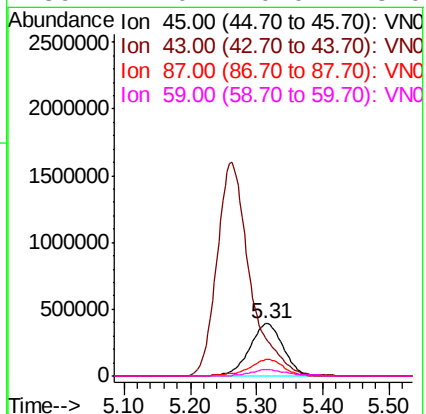
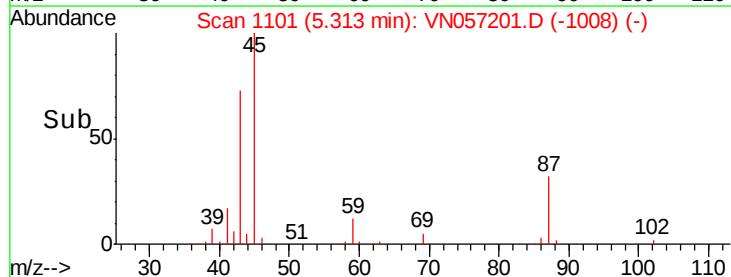
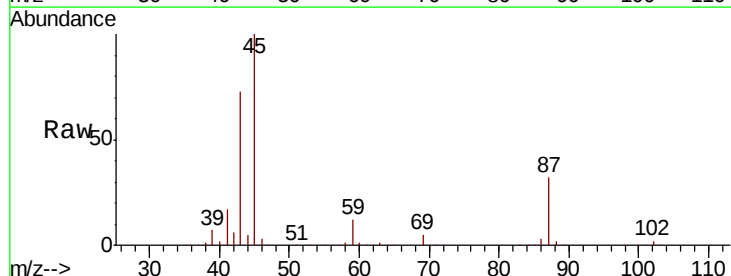
Ion Ratio Lower Upper

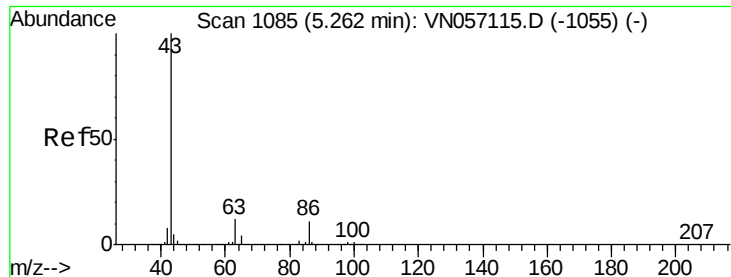
45 100

43 71.6 54.1 81.1

87 31.7 24.0 36.0

59 12.0 10.0 15.0

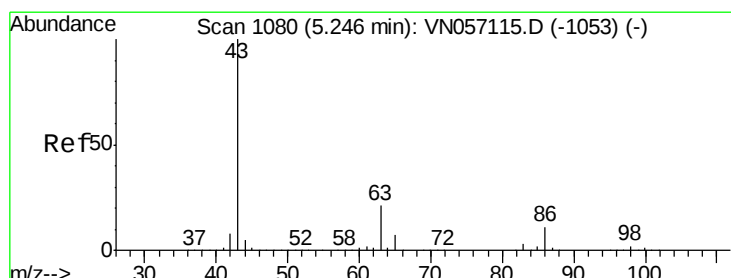
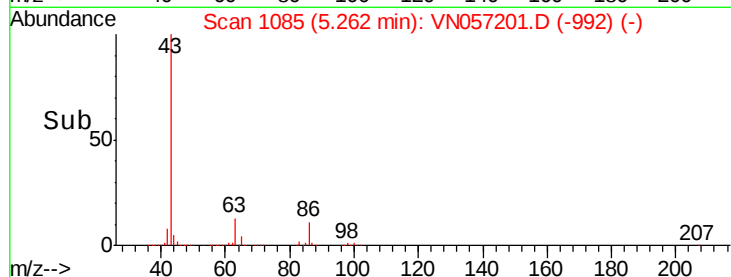
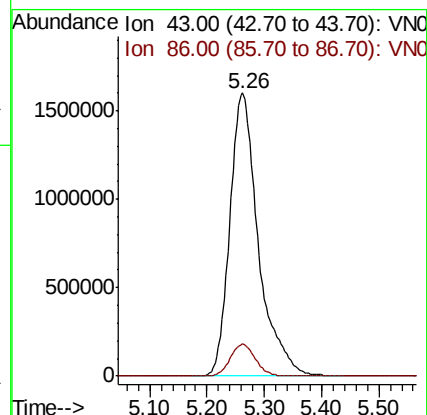
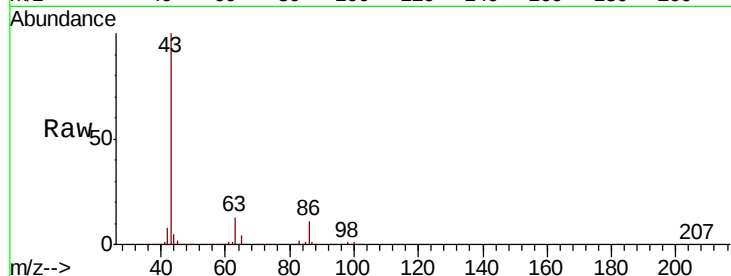




#23
 Vinyl Acetate
 Concen: 252.470 ug/l
 RT: 5.26 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

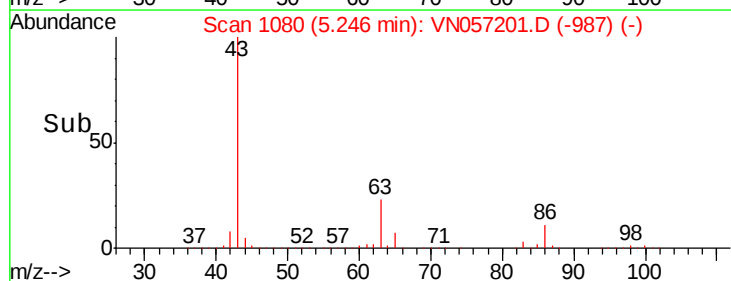
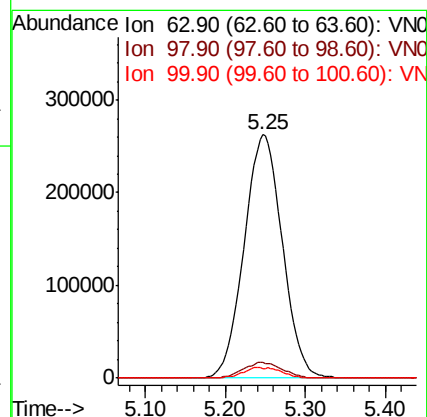
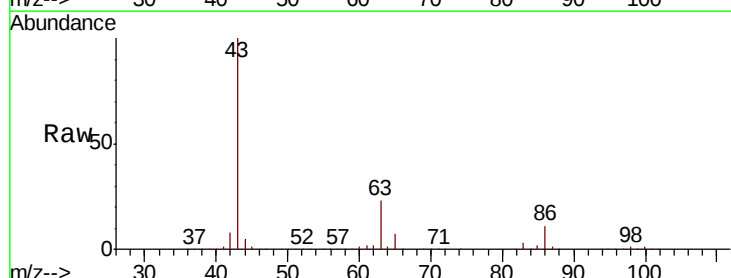
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

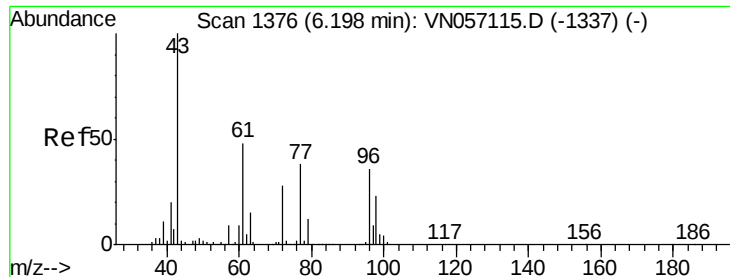
Tgt Ion: 43 Resp: 5542949
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 48.324 ug/l
 RT: 5.25 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 63 Resp: 851708
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.2
 100 4.0 2.1 6.3

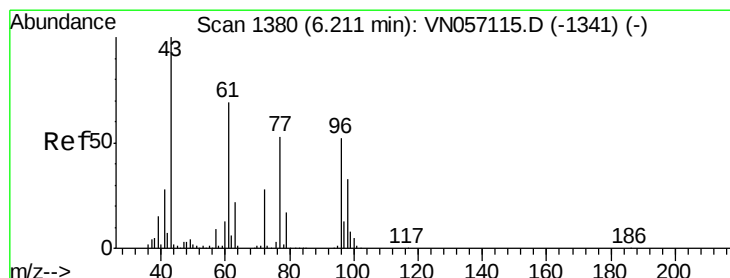
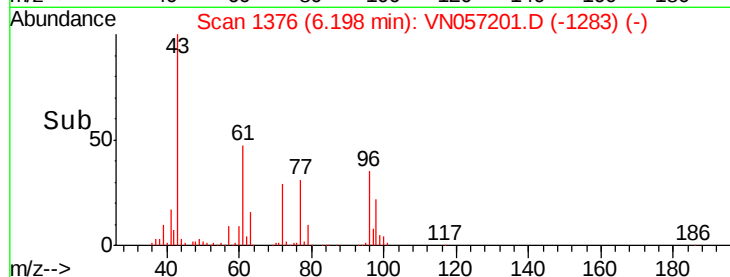
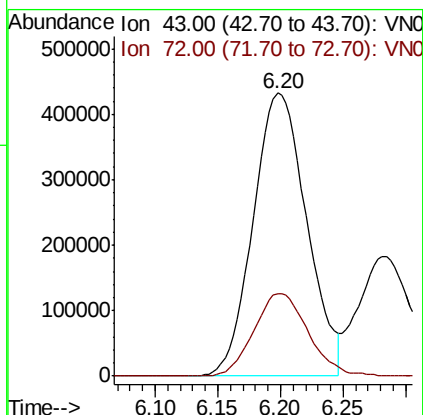
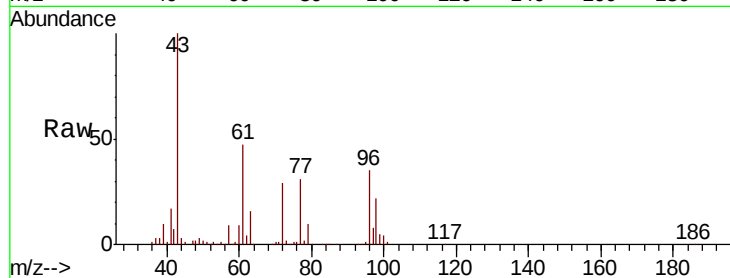




#25
2-Butanone
Concen: 253.969 ug/l
RT: 6.20 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

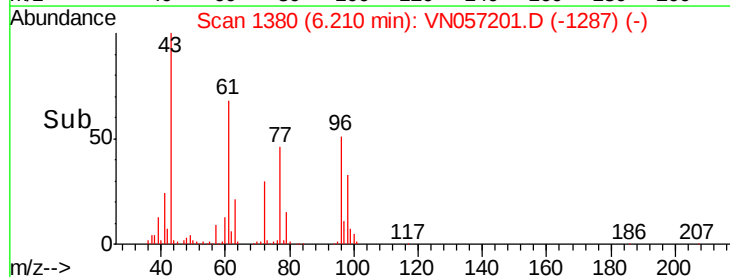
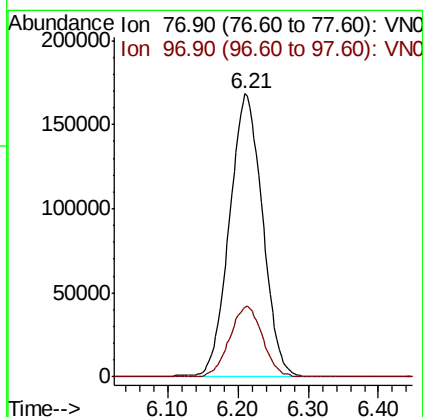
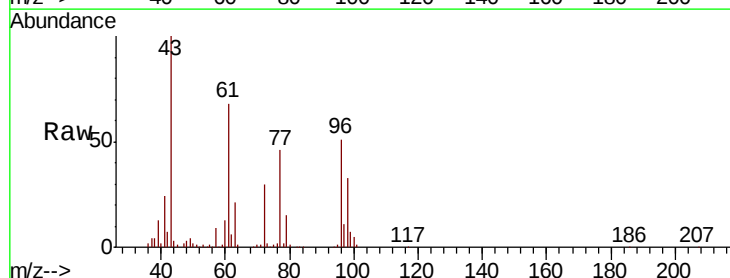
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

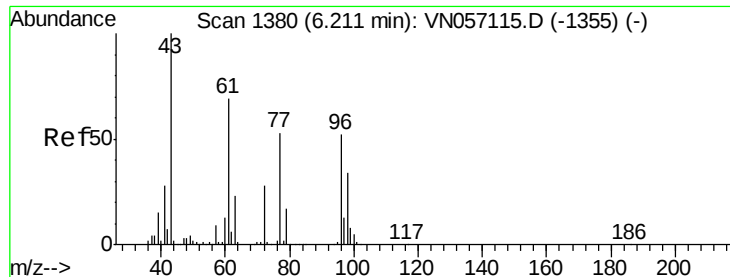
Tgt Ion: 43 Resp: 1281022
Ion Ratio Lower Upper
43 100
72 29.2 22.2 33.4



#26
2,2-Dichloropropane
Concen: 42.883 ug/l
RT: 6.21 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 77 Resp: 549871
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.8

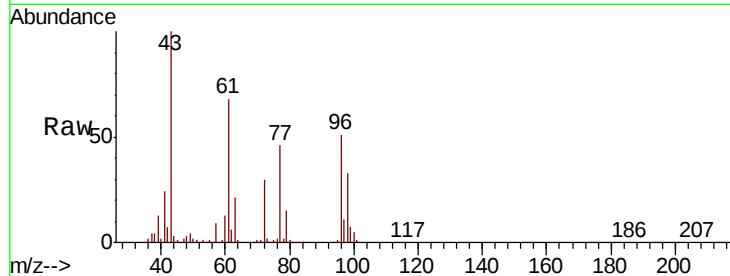




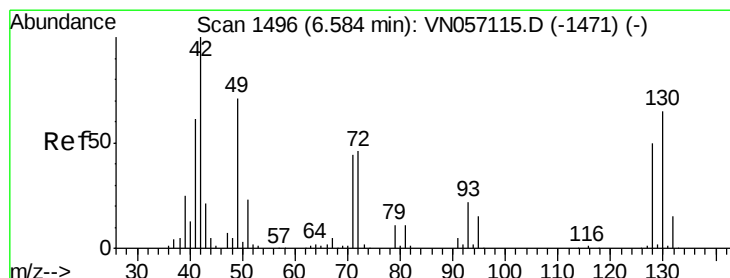
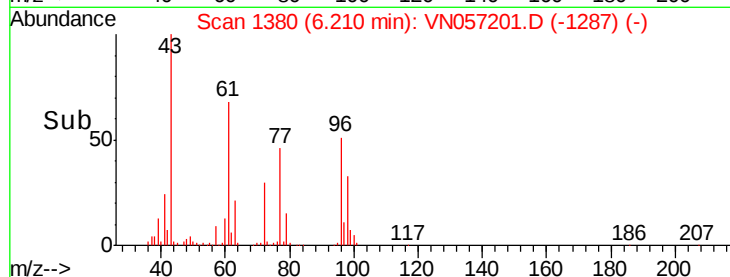
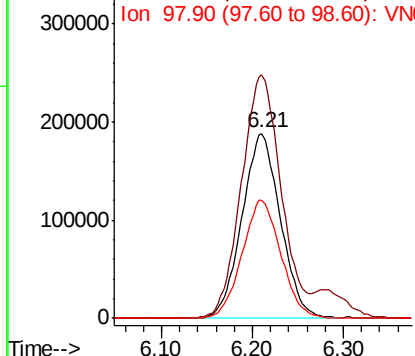
#27
 cis-1,2-Dichloroethene
 Concen: 48.938 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 552380
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 273.4
 98 64.6 0.0 130.4

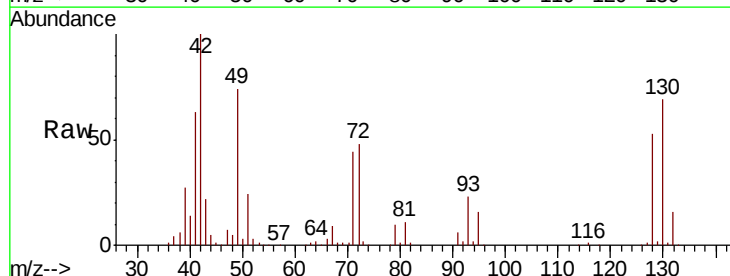


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

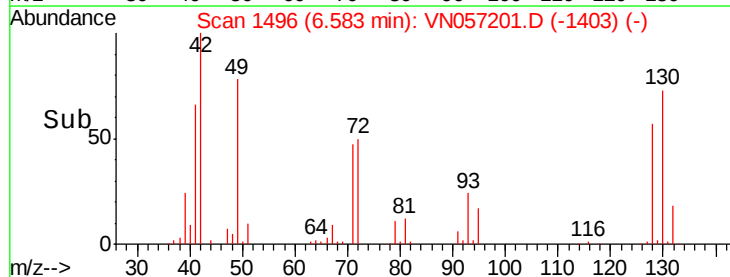
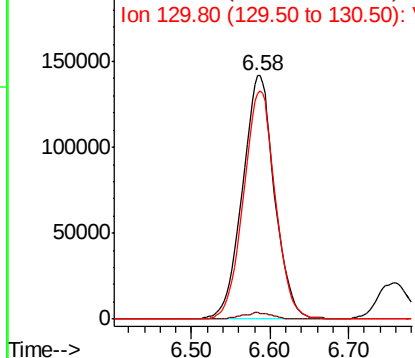


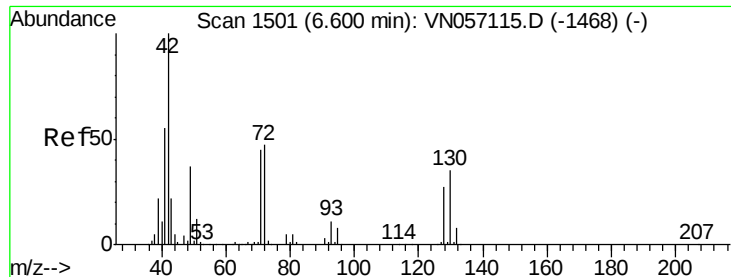
#28
 Bromochloromethane
 Concen: 50.330 ug/l
 RT: 6.58 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 49 Resp: 408015
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 93.1 73.8 110.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.303 ug/l

RT: 6.60 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

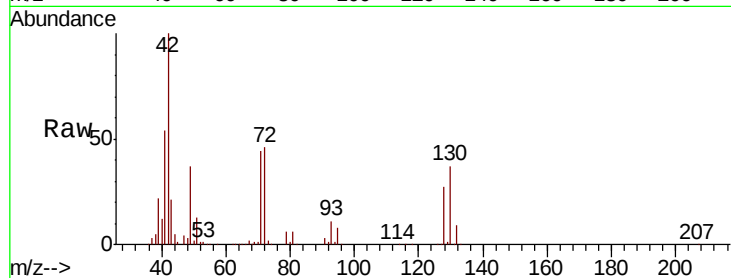
Tgt Ion: 42 Resp: 853893

Ion Ratio Lower Upper

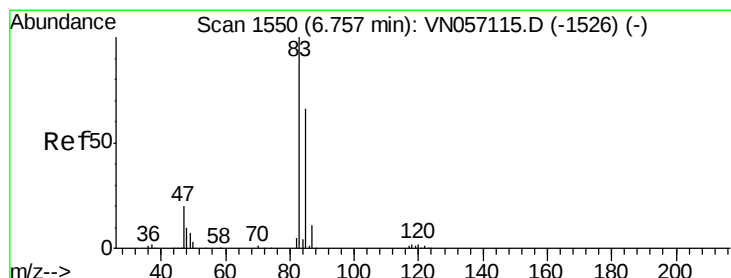
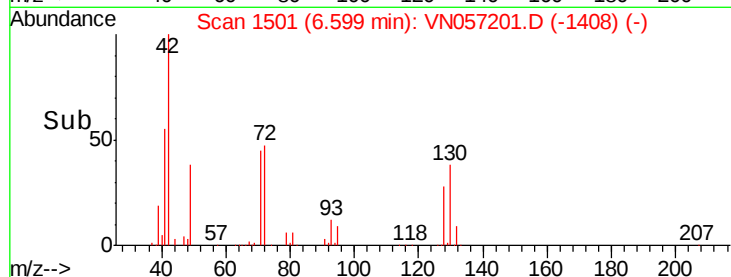
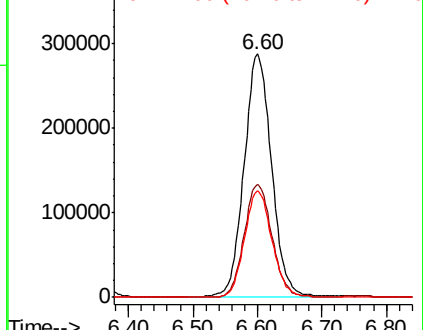
42 100

72 46.7 37.1 55.7

71 43.7 34.8 52.2



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 48.194 ug/l

RT: 6.76 min Scan# 1550

Delta R.T. -0.00 min

Lab File: VN057201.D

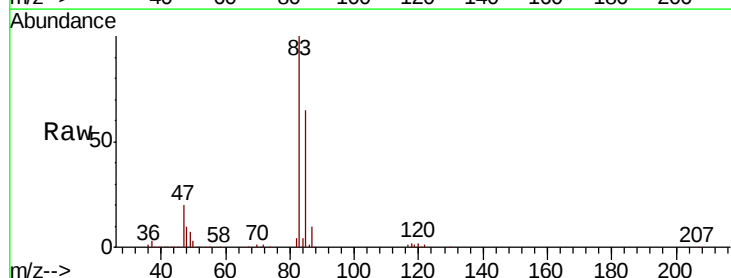
Acq: 11 Aug 2019 20:43

Tgt Ion: 83 Resp: 879146

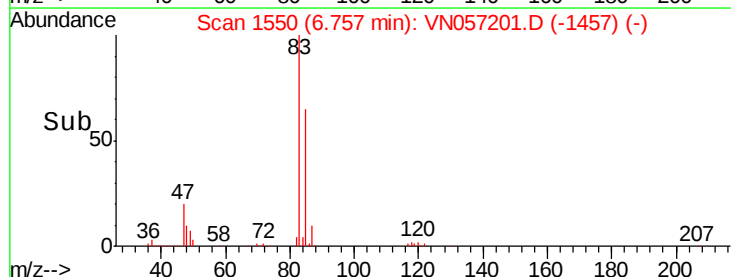
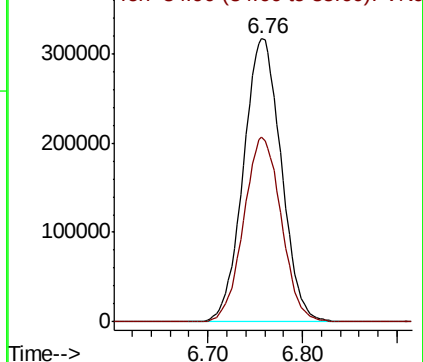
Ion Ratio Lower Upper

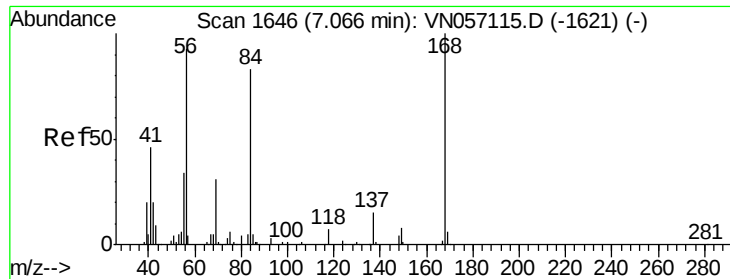
83 100

85 65.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO

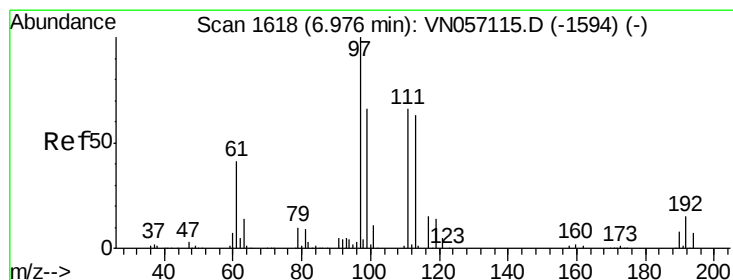
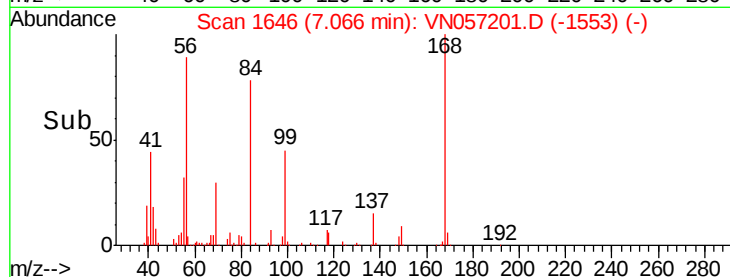
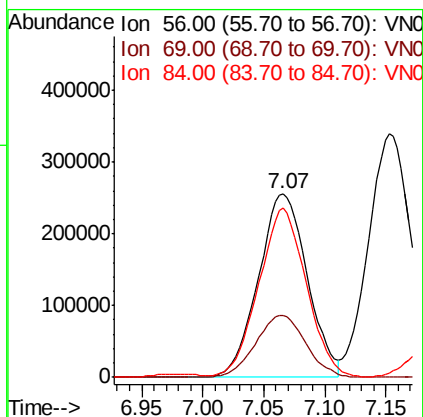
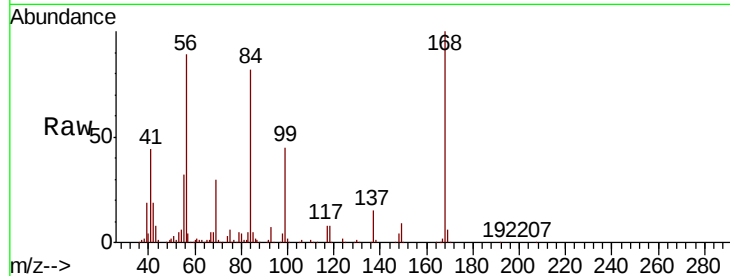




#31
Cyclohexane
Concen: 44.886 ug/l
RT: 7.07 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

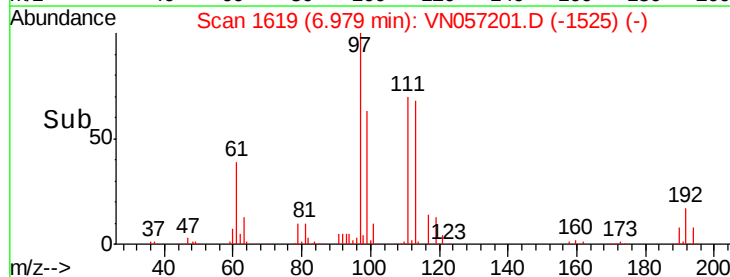
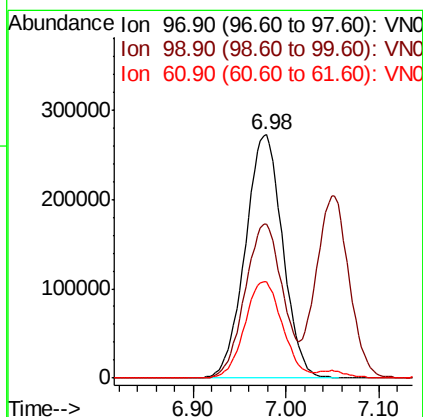
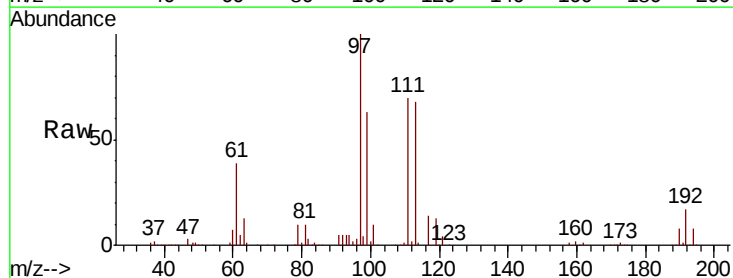
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

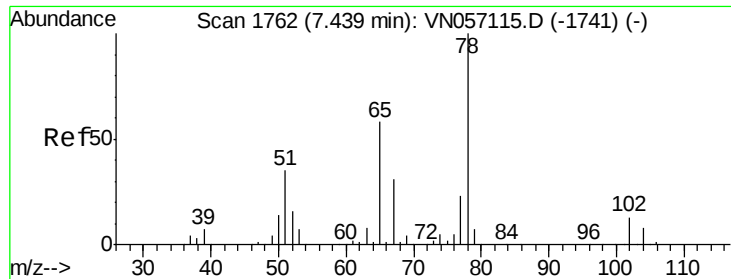
Tgt Ion: 56 Resp: 711731
Ion Ratio Lower Upper
56 100
69 33.5 26.9 40.3
84 90.8 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 49.831 ug/l
RT: 6.98 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 97 Resp: 762545
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 40.3 32.7 49.1

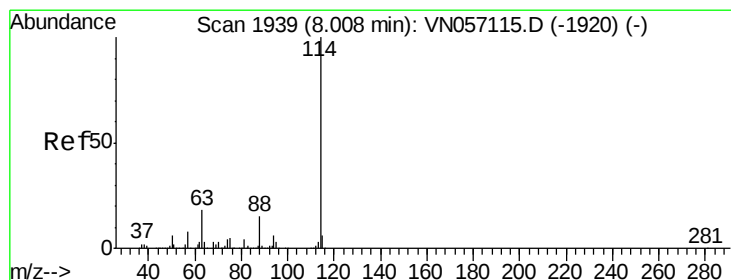
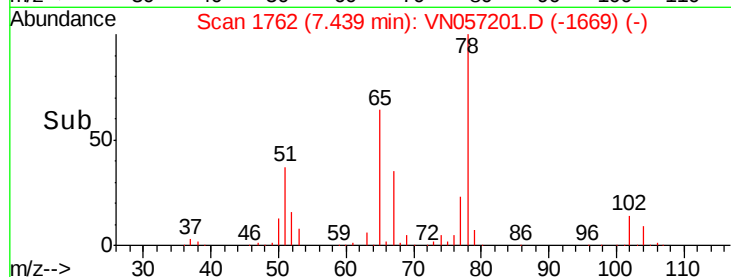
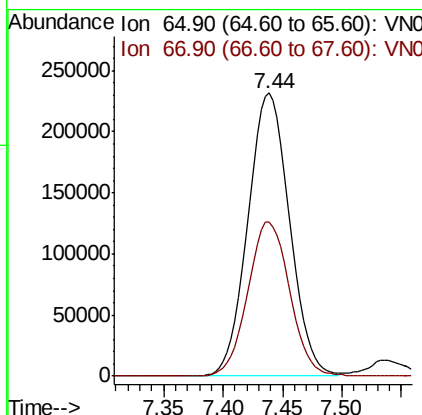
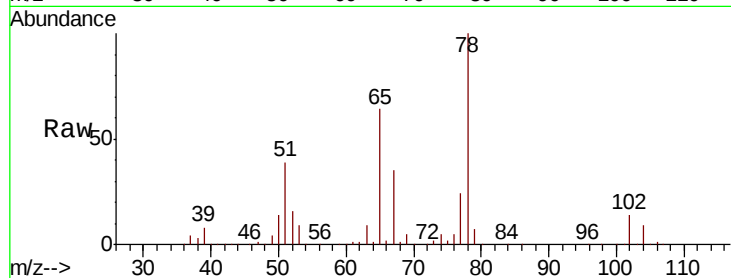




#33
 1,2-Dichloroethane-d4
 Concen: 51.348 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

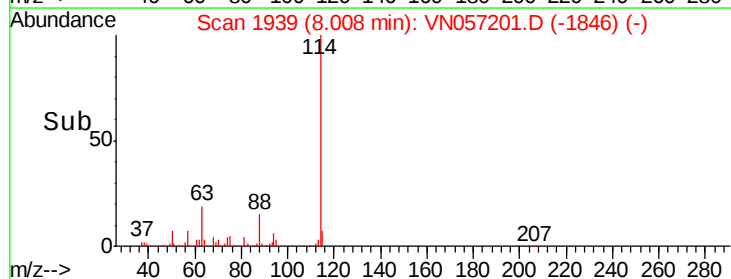
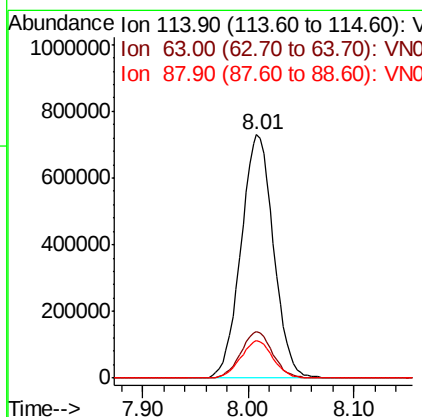
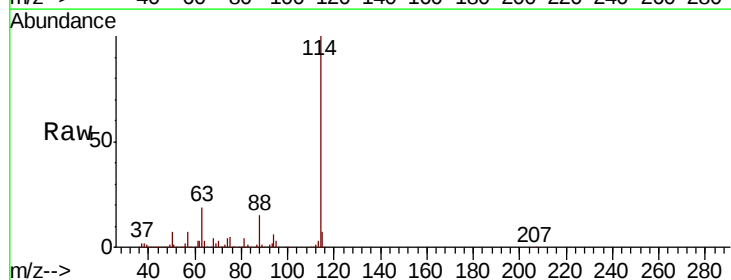
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

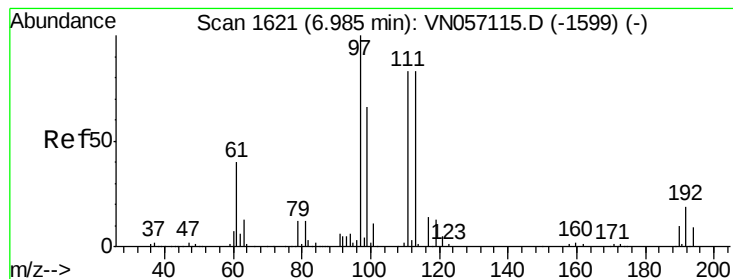
Tgt Ion: 65 Resp: 561320
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 114 Resp: 1564697
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.622 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

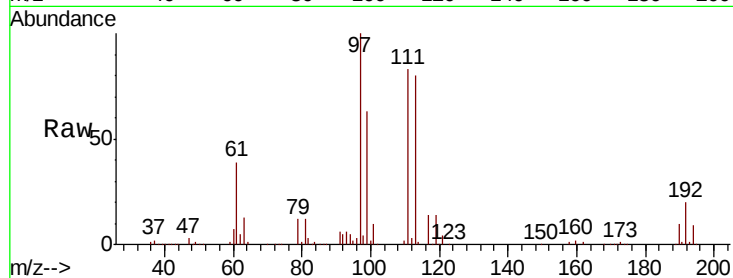
Tgt Ion:113 Resp: 516682

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

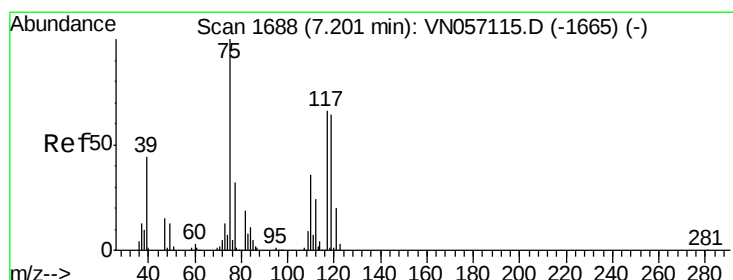
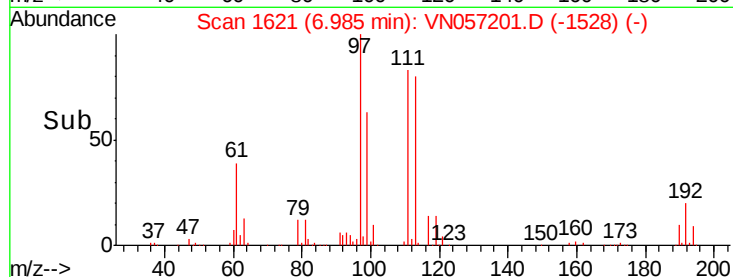
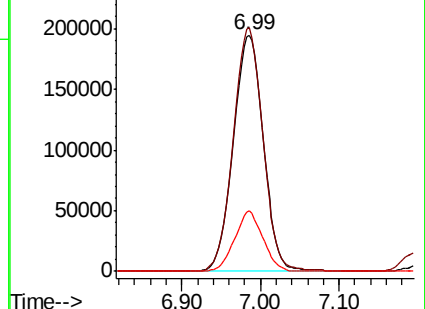
192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.758 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

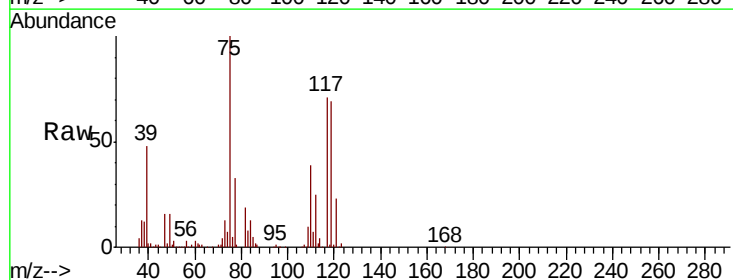
Tgt Ion: 75 Resp: 641032

Ion Ratio Lower Upper

75 100

110 38.2 18.7 56.1

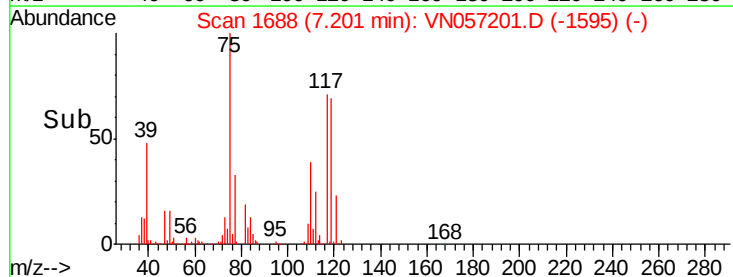
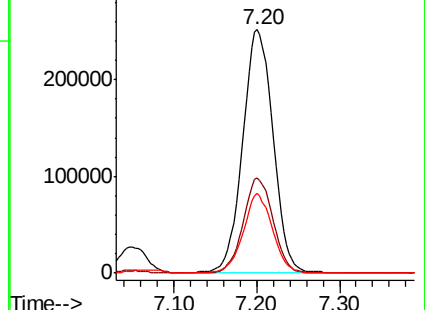
77 31.5 25.0 37.4

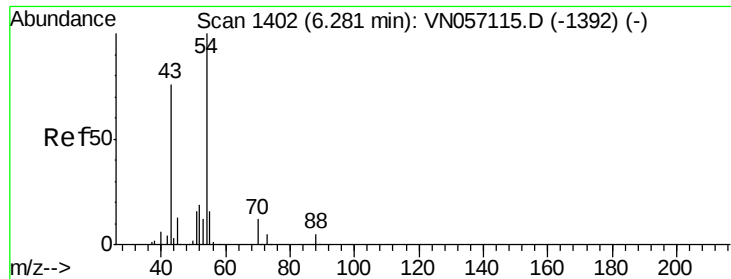


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

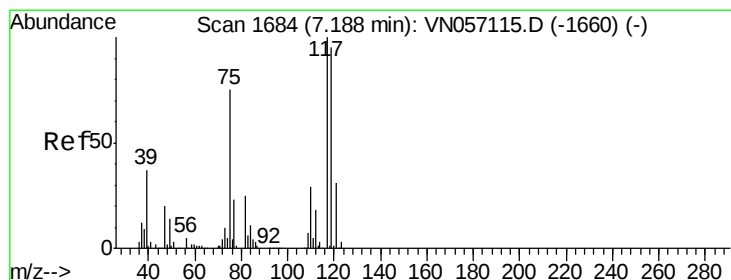
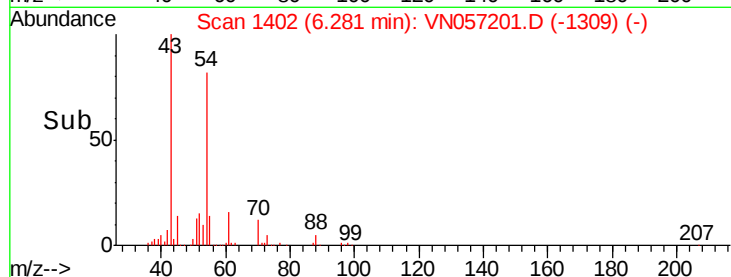
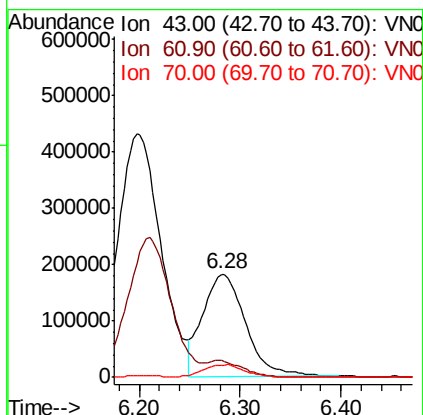
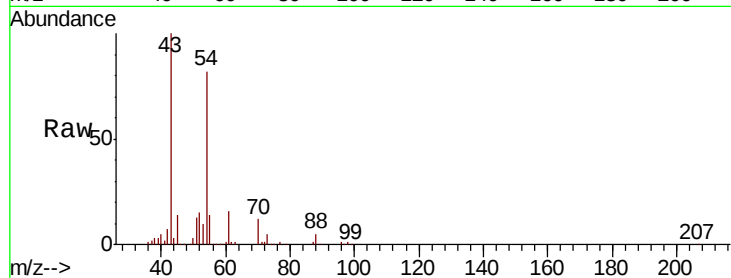




#37
Ethyl Acetate
Concen: 50.418 ug/l
RT: 6.28 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

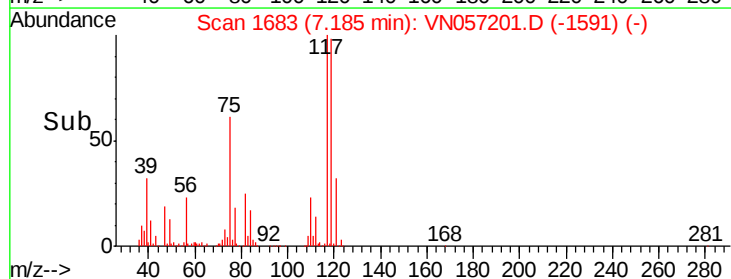
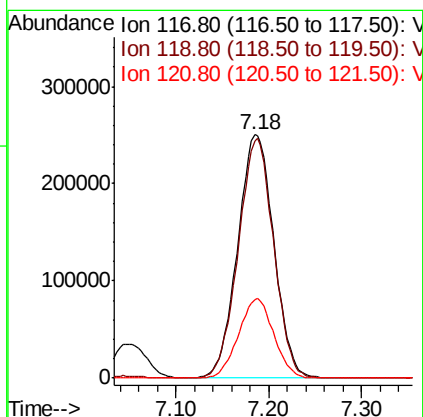
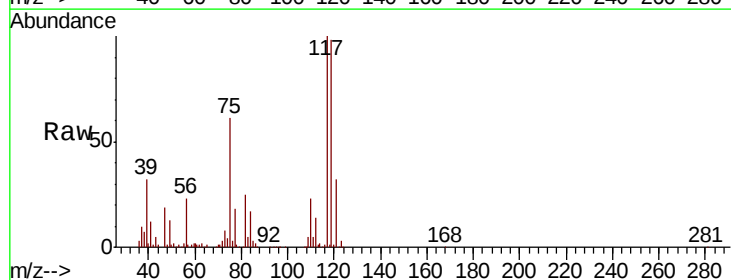
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

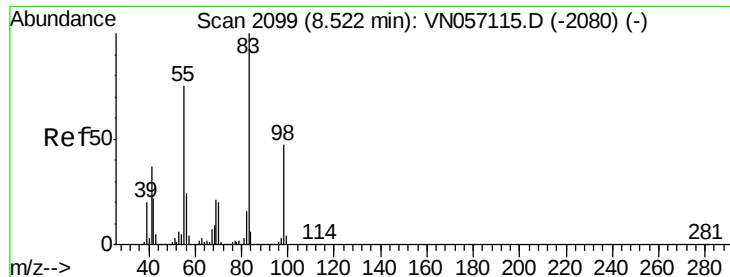
Tgt Ion: 43 Resp: 535441
Ion Ratio Lower Upper
43 100
61 0.0 0.0 0.0
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.412 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 117 Resp: 676839
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.6
121 32.0 24.4 36.6

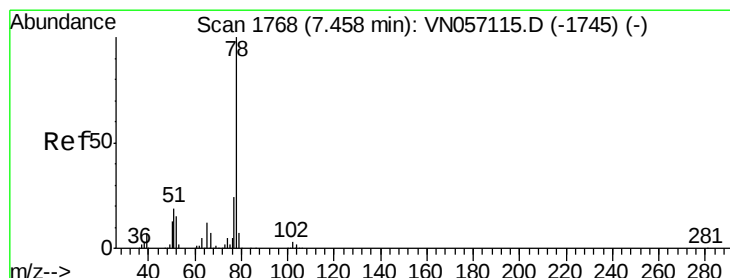
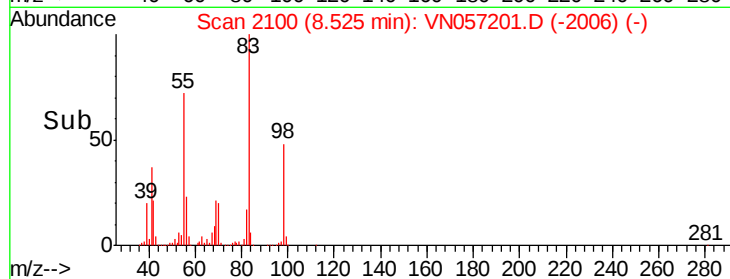
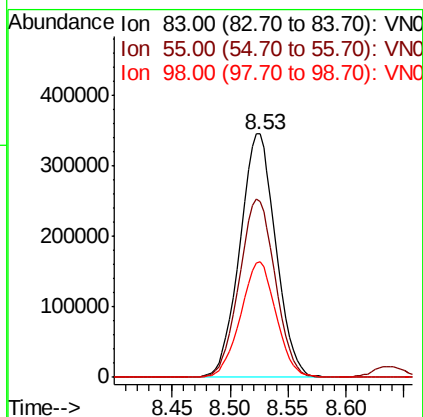
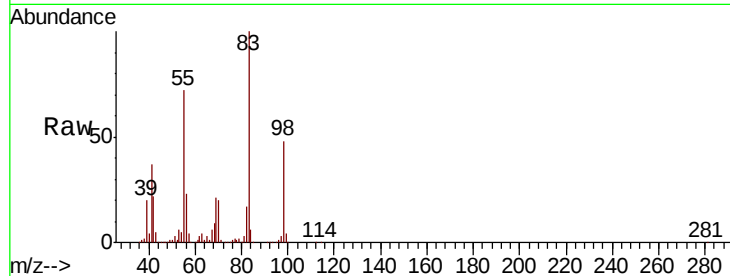




#39
Methylcyclohexane
Concen: 47.466 ug/l
RT: 8.53 min Scan# 2100
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

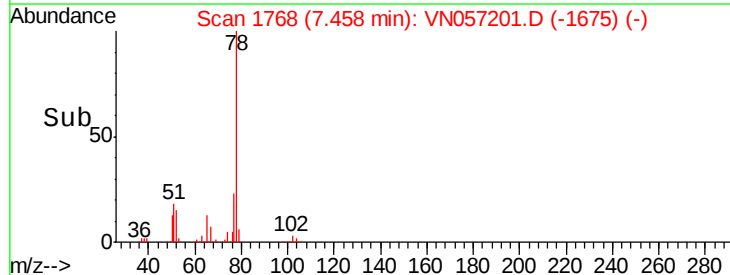
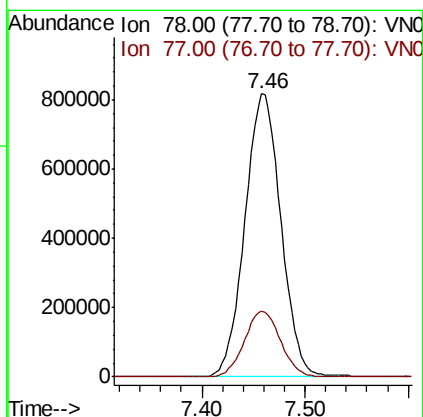
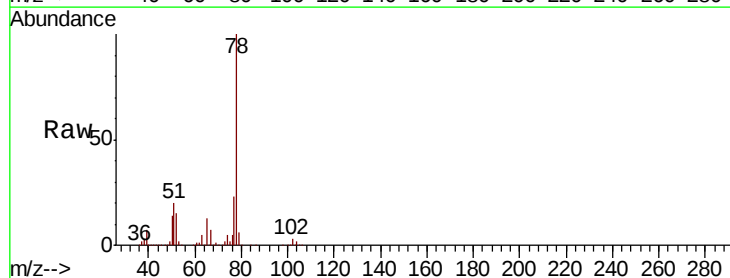
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

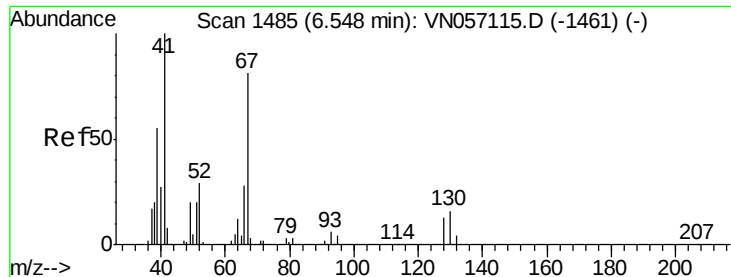
Tgt Ion: 83 Resp: 743635
Ion Ratio Lower Upper
83 100
55 72.4 60.3 90.5
98 47.5 37.9 56.9



#40
Benzene
Concen: 48.593 ug/l
RT: 7.46 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 78 Resp: 1981832
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

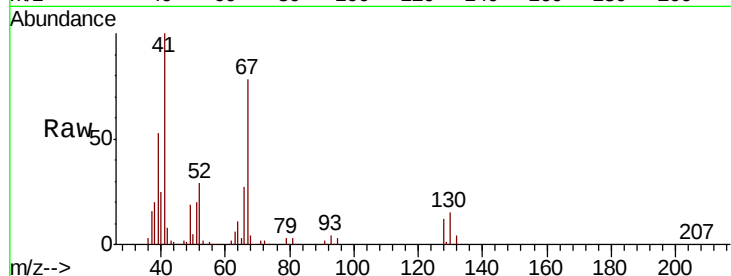




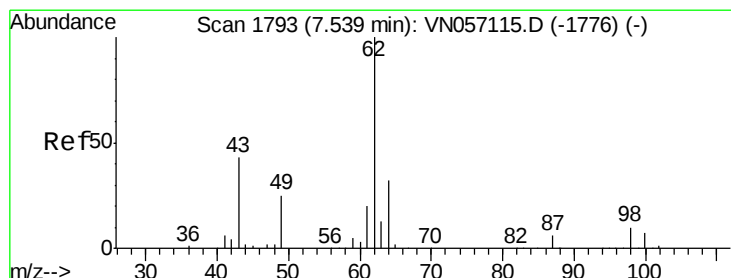
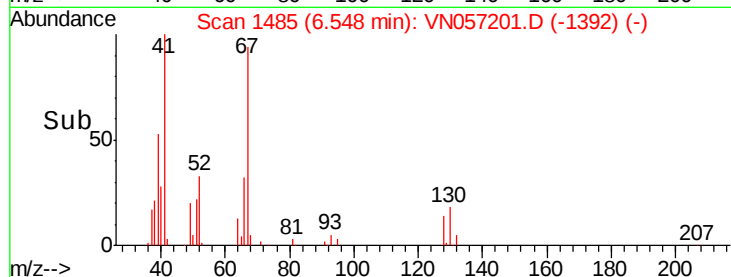
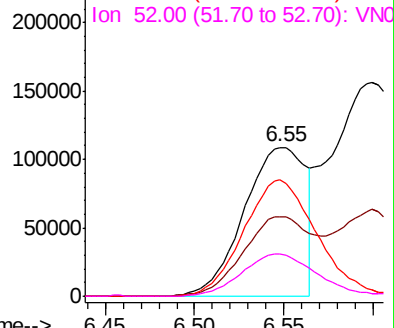
#41
Methacrylonitrile
Concen: 48.293 ug/l
RT: 6.55 min Scan# 1485
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	260515
Ion	Ratio	Lower	Upper
41	100		
39	59.3	44.9	67.3
67	93.6	69.1	103.7
52	34.7	25.8	38.6

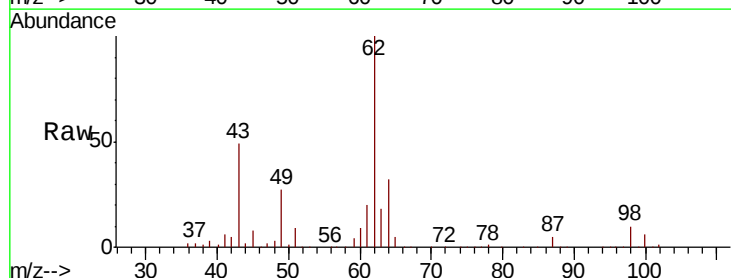


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

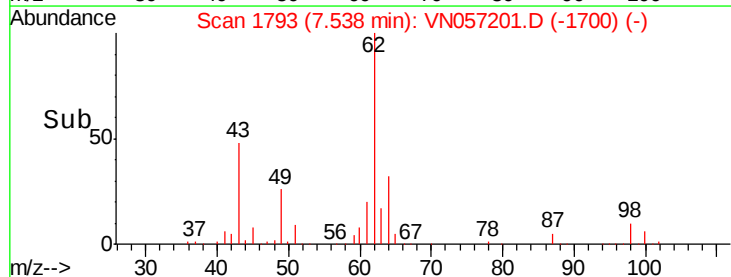
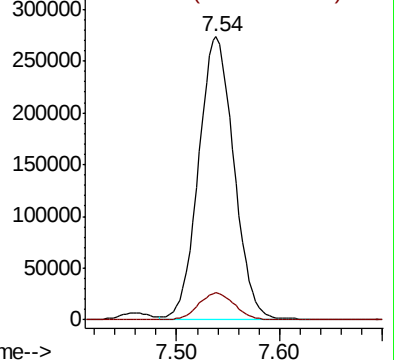


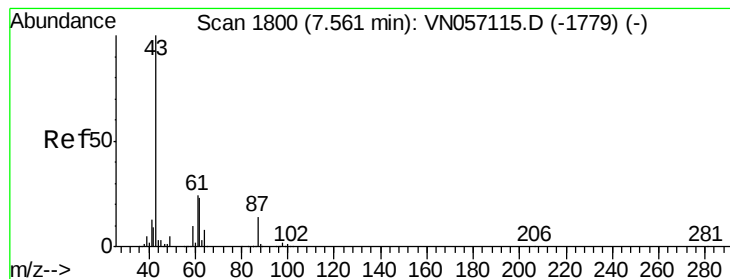
#42
1,2-Dichloroethane
Concen: 50.075 ug/l
RT: 7.54 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion:	62	Resp:	651320
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 63.884 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

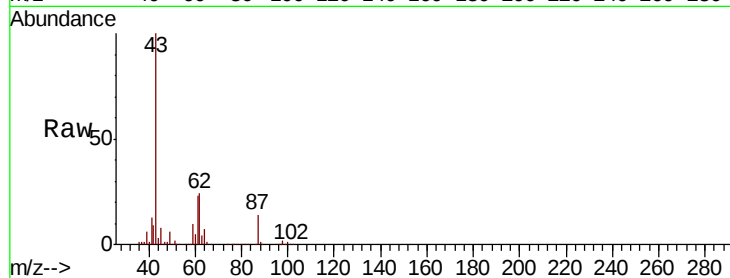
Tgt Ion: 43 Resp: 1157788

Ion Ratio Lower Upper

43 100

61 23.9 24.2 36.2#

87 11.8 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) (-)

7.56

500000

400000

300000

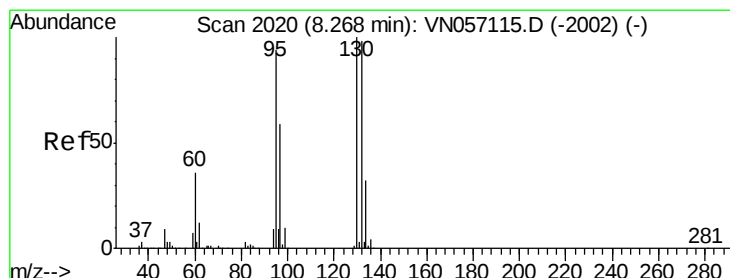
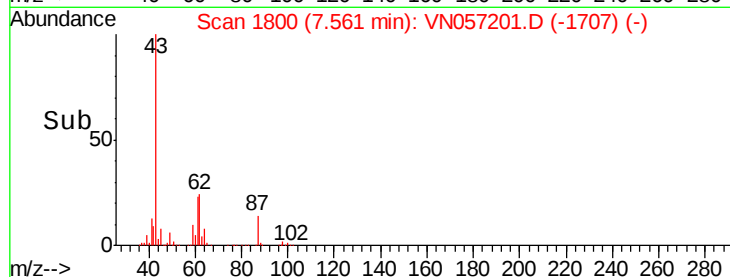
200000

100000

0

7.40 7.50 7.60 7.70 7.80

Time-->



#44

Trichloroethene

Concen: 49.566 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057201.D

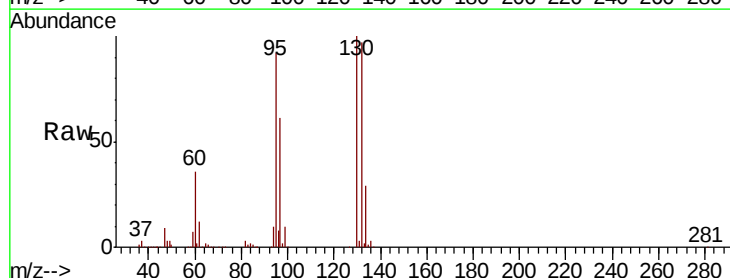
Acq: 11 Aug 2019 20:43

Tgt Ion: 130 Resp: 566345

Ion Ratio Lower Upper

130 100

95 92.0 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) (-)

8.27

300000

250000

200000

150000

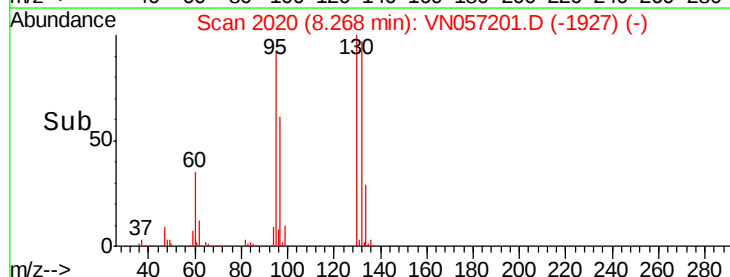
100000

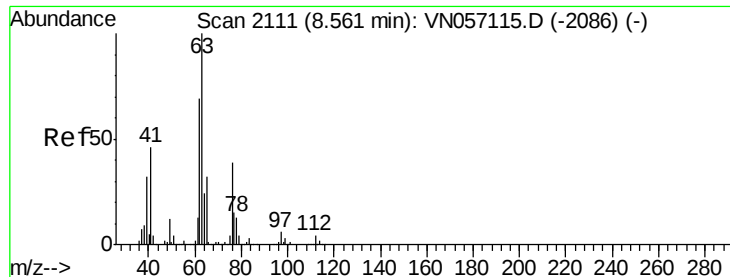
50000

0

8.15 8.20 8.25 8.30 8.35

Time-->





#45

1,2-Dichloropropane

Concen: 48.759 ug/l

RT: 8.56 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

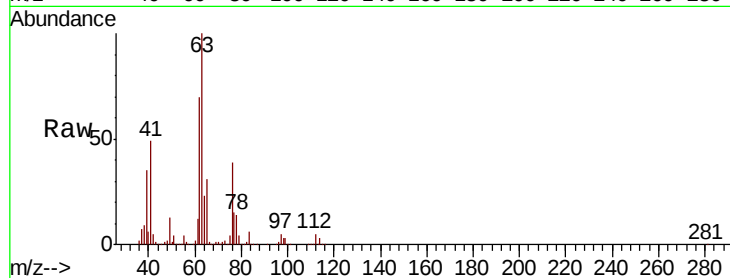
VSTDCCC050EC

Tgt Ion: 63 Resp: 514899

Ion Ratio Lower Upper

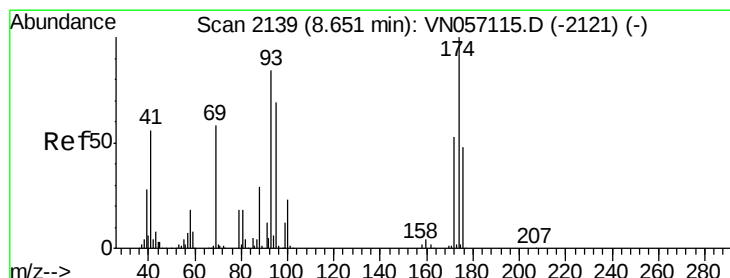
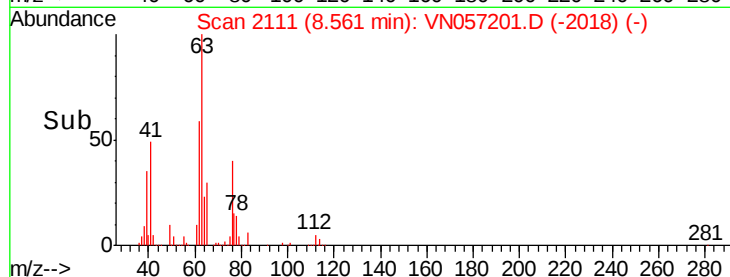
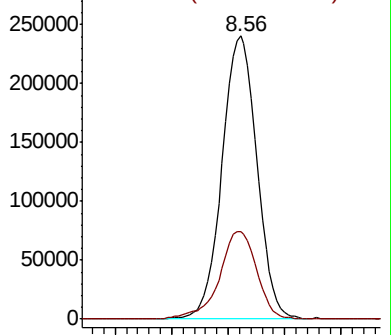
63 100

65 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.726 ug/l

RT: 8.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

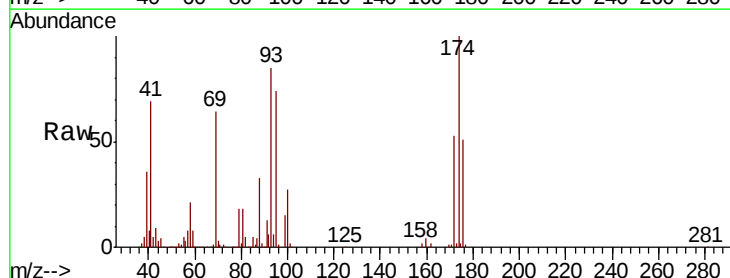
Tgt Ion: 93 Resp: 343465

Ion Ratio Lower Upper

93 100

95 85.1 66.0 99.0

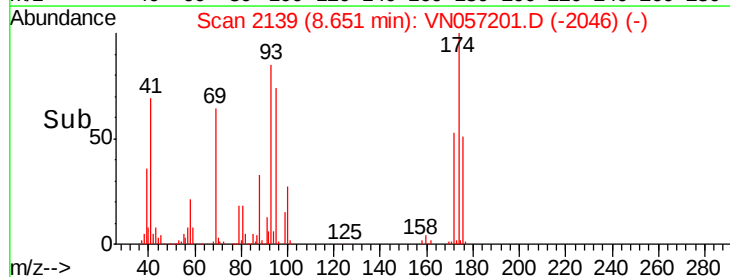
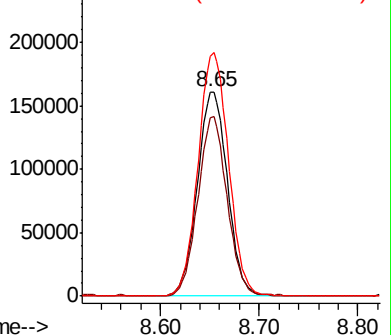
174 120.0 96.0 144.0

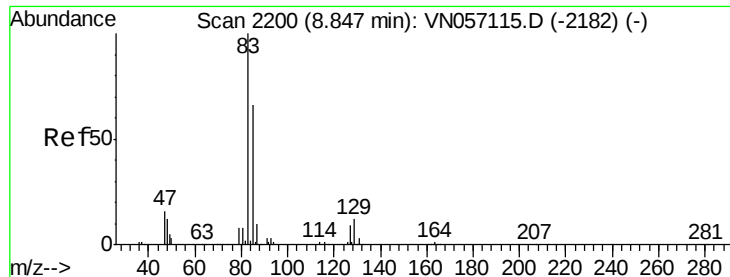


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.688 ug/l

RT: 8.85 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

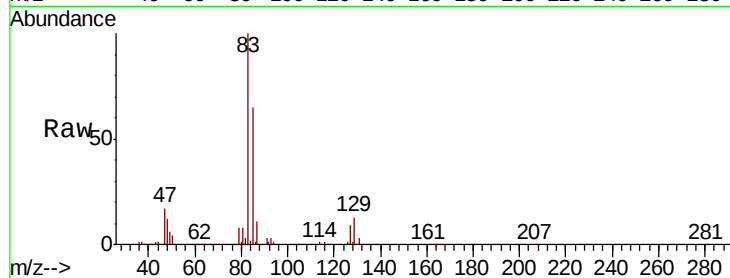
Tgt Ion: 83 Resp: 677180

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

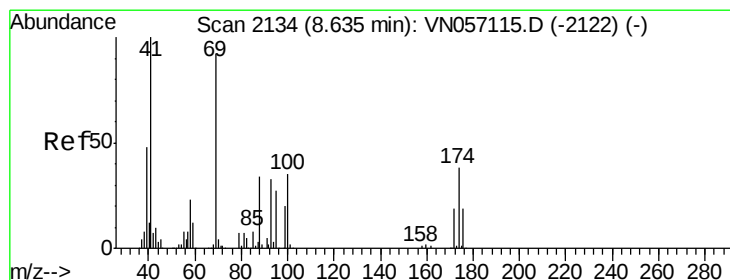
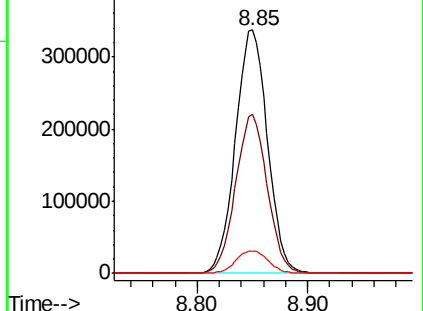
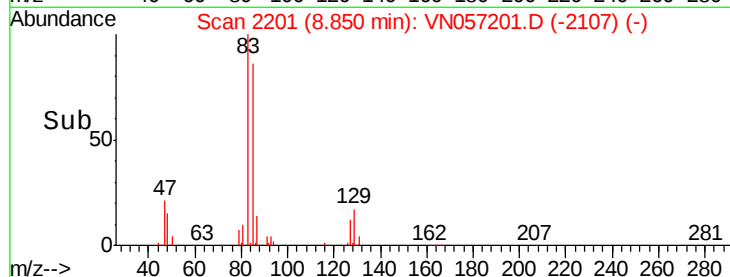
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 49.932 ug/l

RT: 8.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

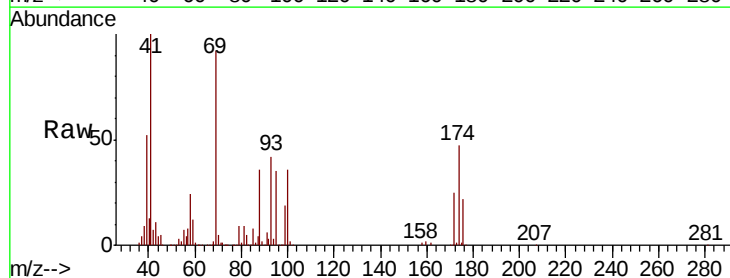
Tgt Ion: 41 Resp: 426716

Ion Ratio Lower Upper

41 100

69 96.8 77.5 116.3

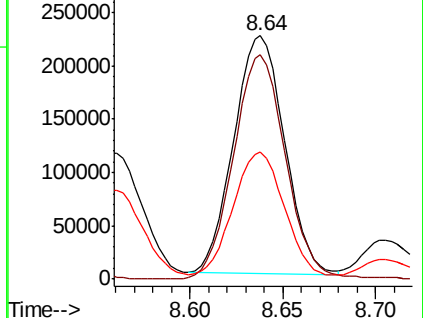
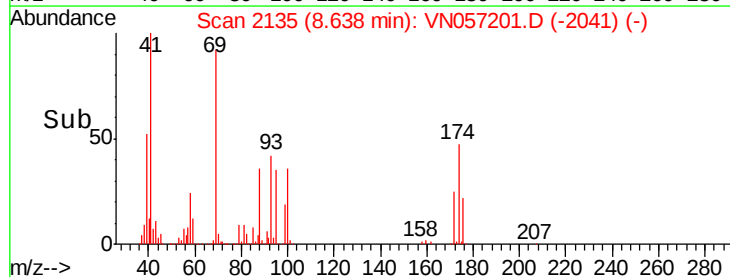
39 51.7 39.8 59.6

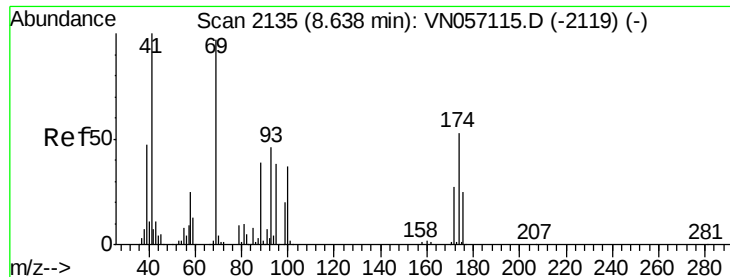


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

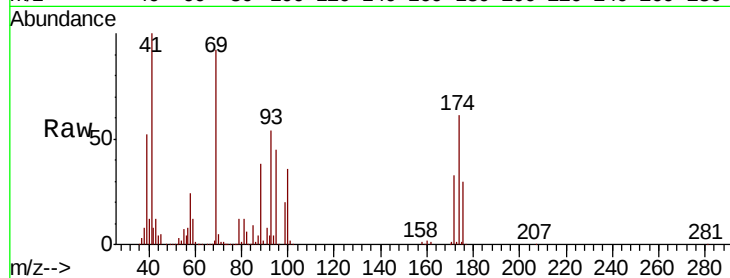




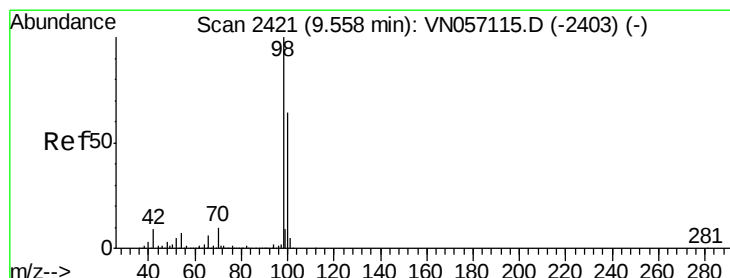
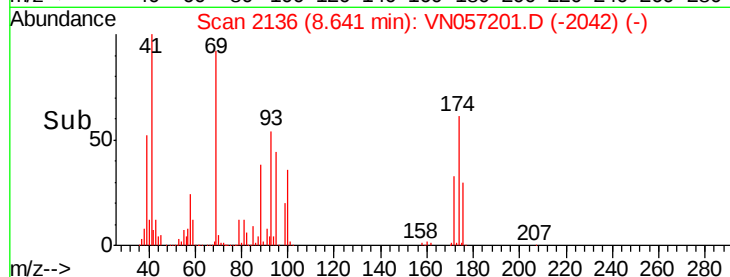
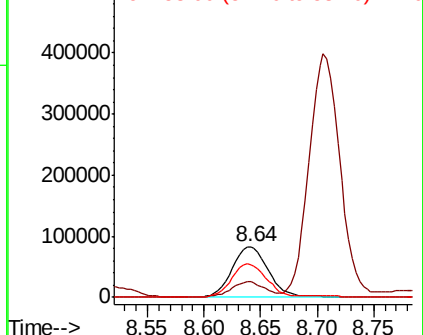
#49
1,4-Dioxane
Concen: 1073.578 ug/l
RT: 8.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 186859
Ion Ratio Lower Upper
88 100
43 27.2 21.7 32.5
58 64.1 51.1 76.7

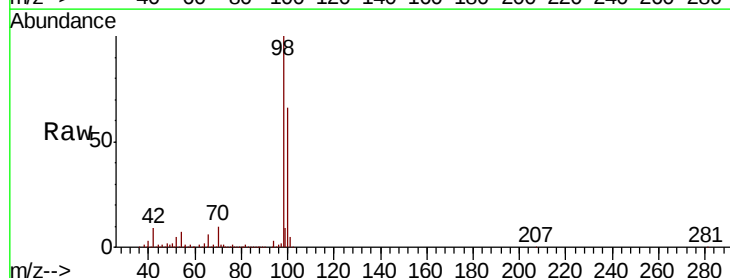


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

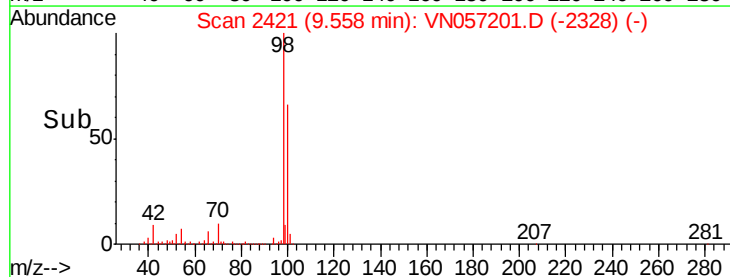
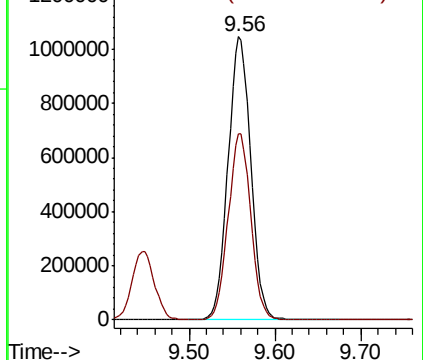


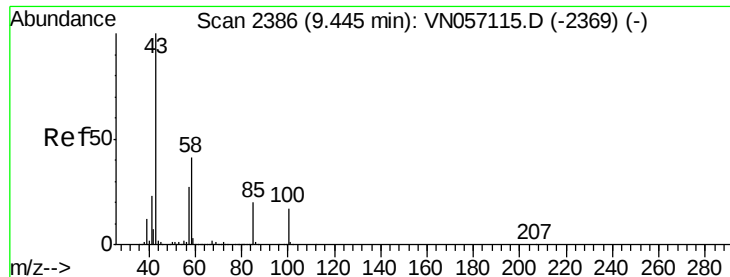
#50
Toluene-d8
Concen: 51.046 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 98 Resp: 1917509
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



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

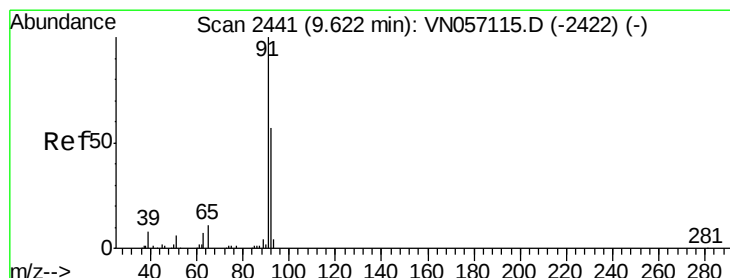
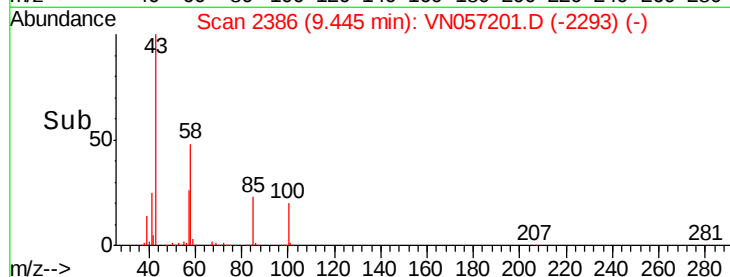
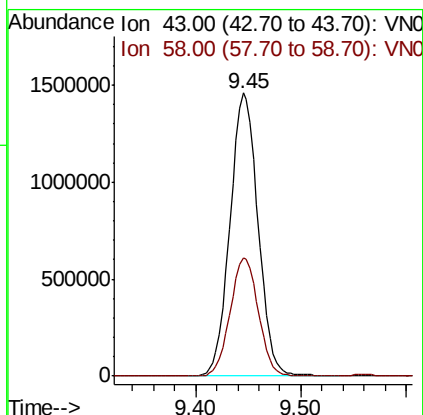
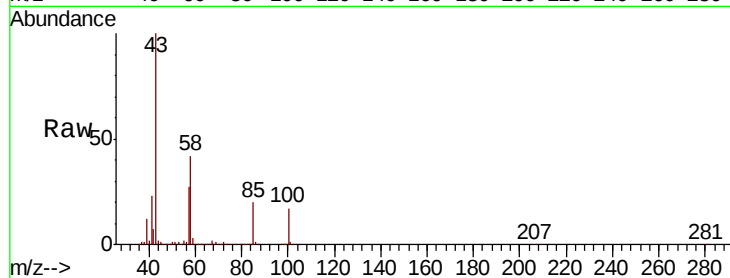




#51
 4-Methyl-2-Pentanone
 Concen: 253.738 ug/l
 RT: 9.45 min Scan# 2386
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

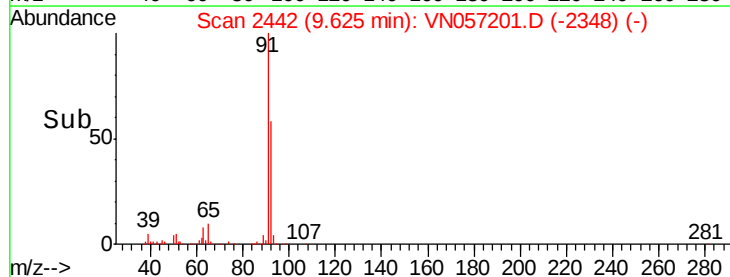
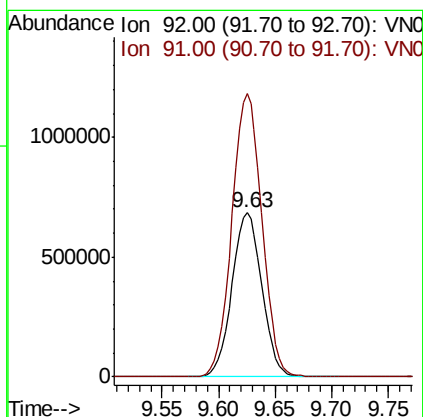
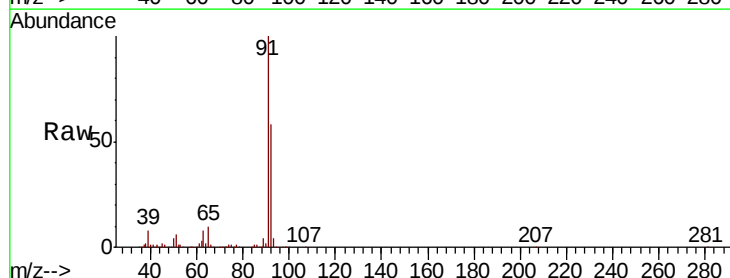
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

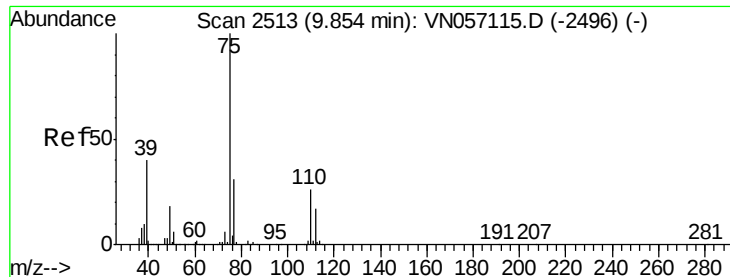
Tgt Ion: 43 Resp: 2676322
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.2 49.8



#52
 Toluene
 Concen: 49.718 ug/l
 RT: 9.63 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 92 Resp: 1258629
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.8 209.8





#53

t-1,3-Dichloropropene

Concen: 51.792 ug/l

RT: 9.86 min Scan# 2514

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

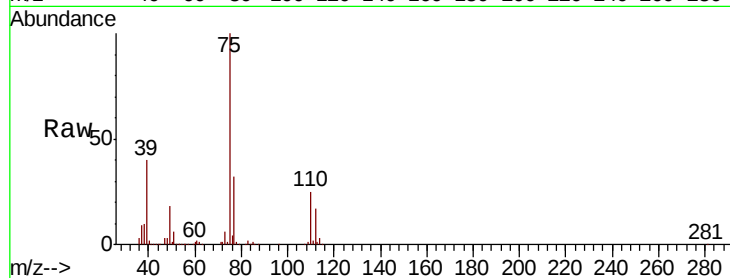
VSTDCCC050EC

Tgt Ion: 75 Resp: 708868

Ion Ratio Lower Upper

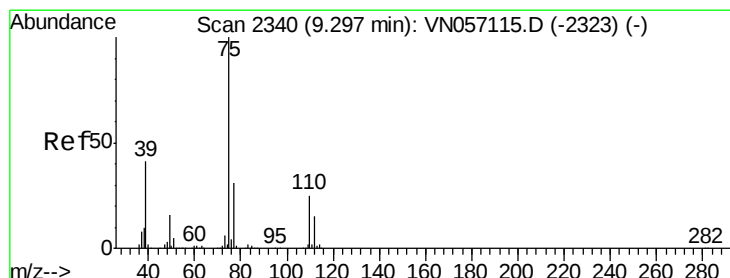
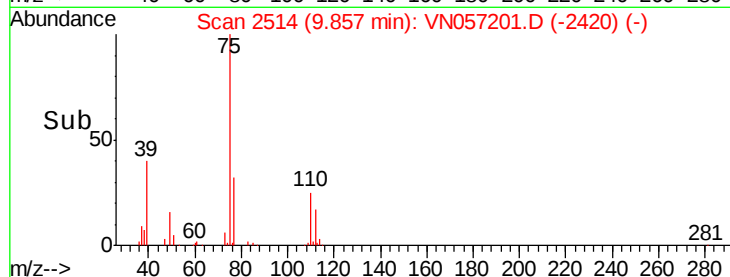
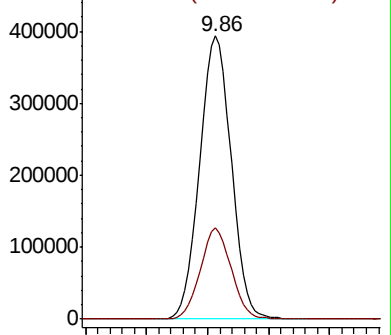
75 100

77 32.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.142 ug/l

RT: 9.30 min Scan# 2340

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

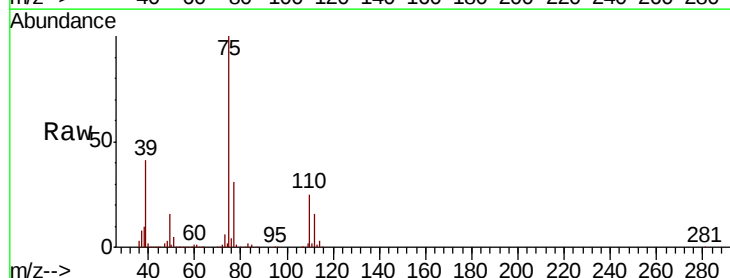
Tgt Ion: 75 Resp: 803193

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

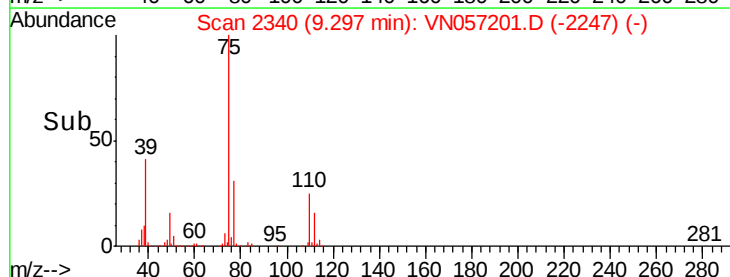
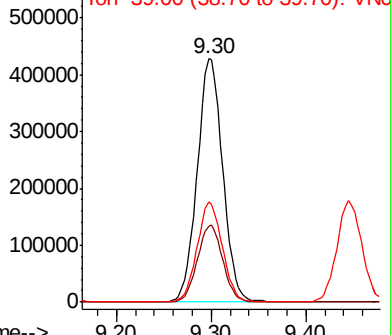
39 40.9 32.5 48.7

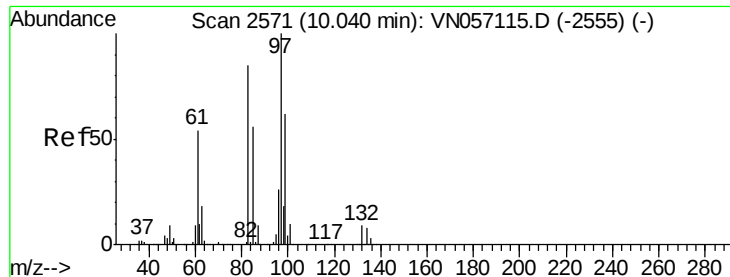


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

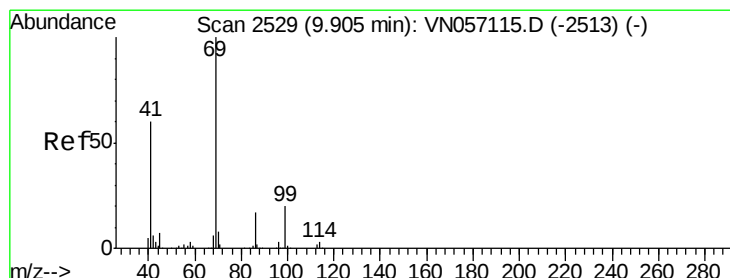
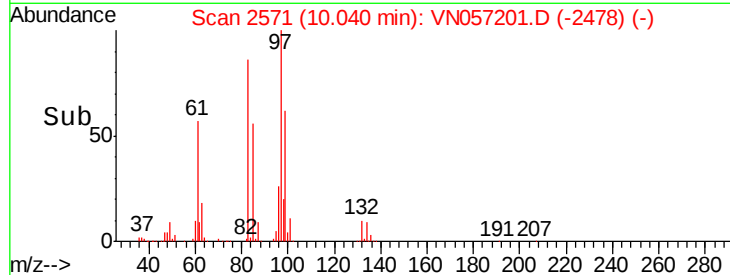
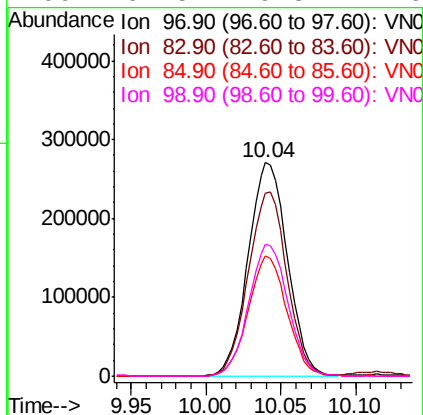
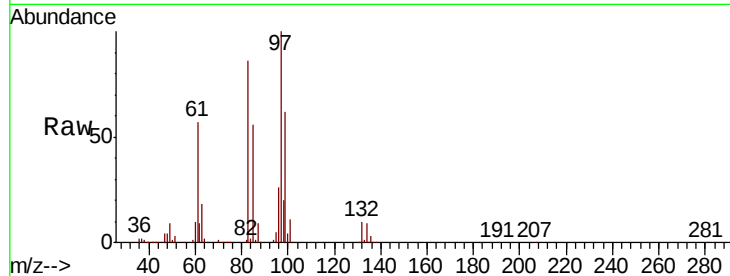




#55
 1,1,2-Trichloroethane
 Concen: 49.903 ug/l
 RT: 10.04 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

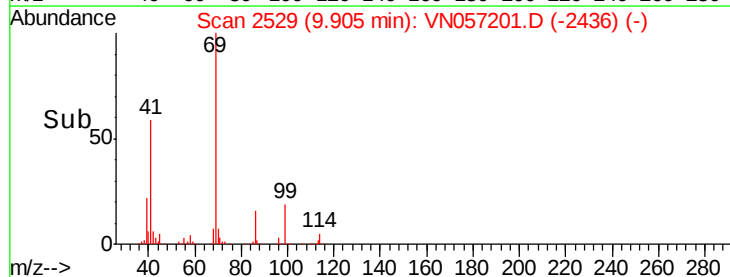
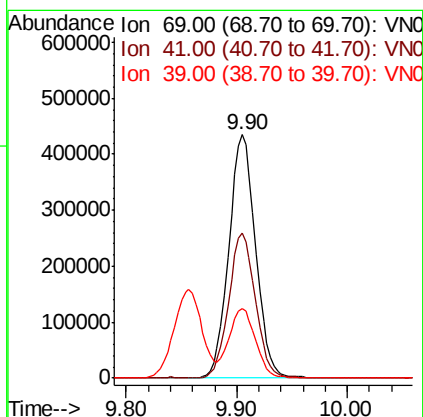
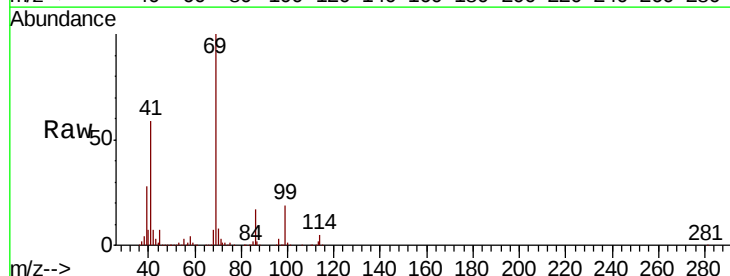
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

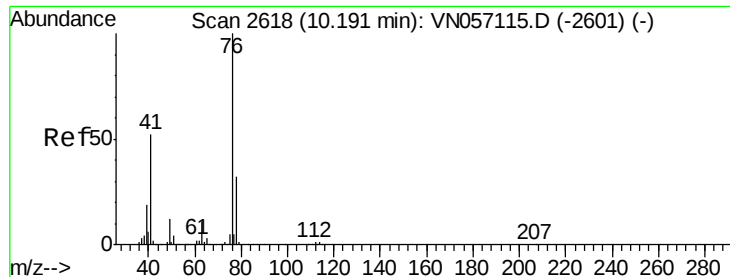
Tgt Ion:	97	Resp:	496789
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.8	101.8
85	56.4	44.4	66.6
99	61.5	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 52.459 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion:	69	Resp:	731213
Ion	Ratio	Lower	Upper
69	100		
41	59.2	48.1	72.1
39	28.2	23.6	35.4

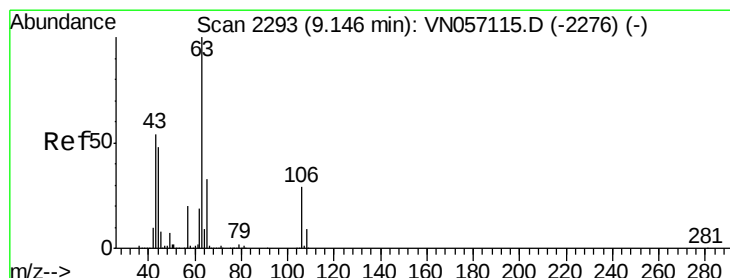
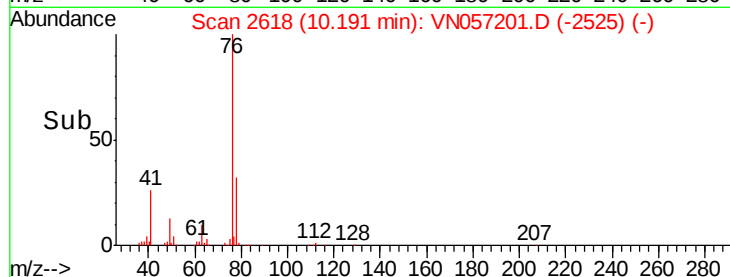
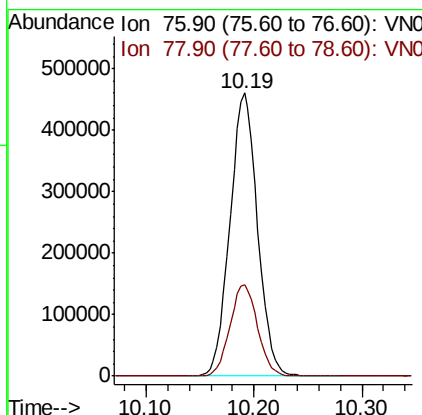
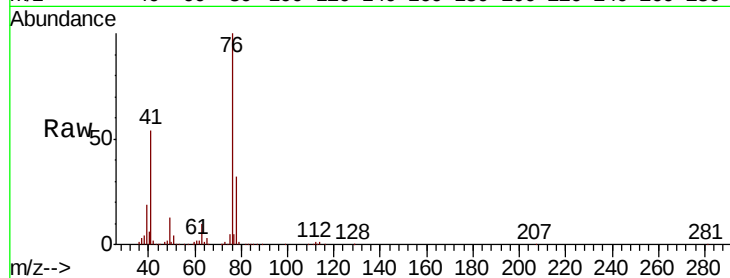




#57
 1,3-Dichloropropane
 Concen: 49.933 ug/l
 RT: 10.19 min Scan# 2618
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

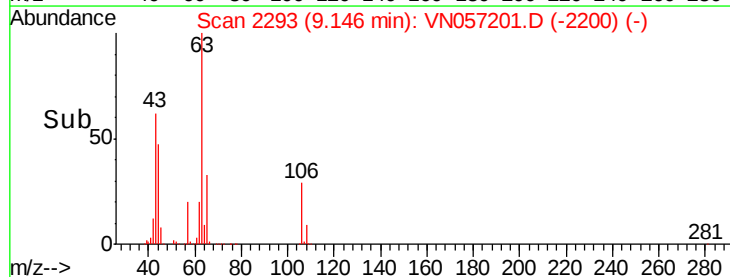
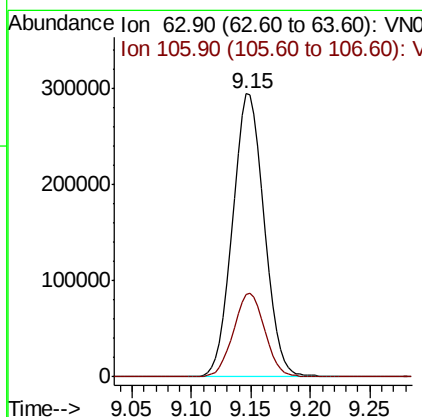
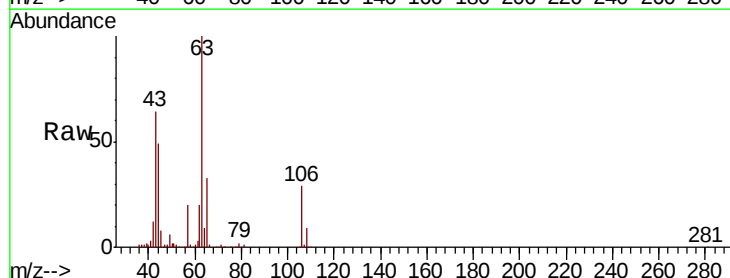
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

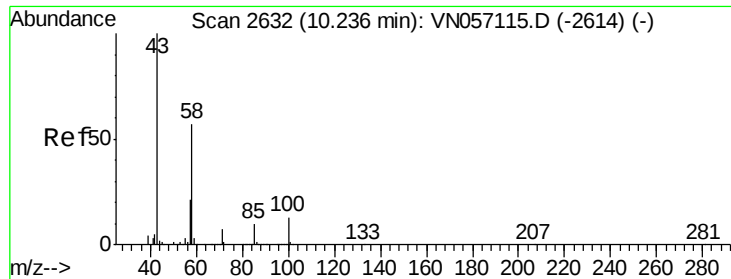
Tgt Ion: 76 Resp: 819738
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.698 ug/l
 RT: 9.15 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion: 63 Resp: 543057
 Ion Ratio Lower Upper
 63 100
 106 29.3 22.6 33.8

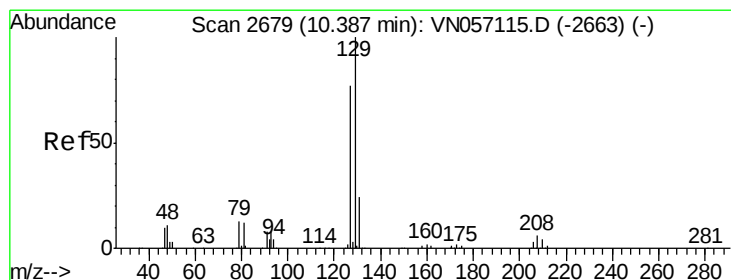
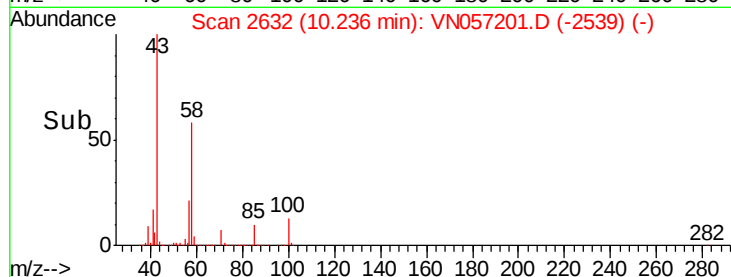
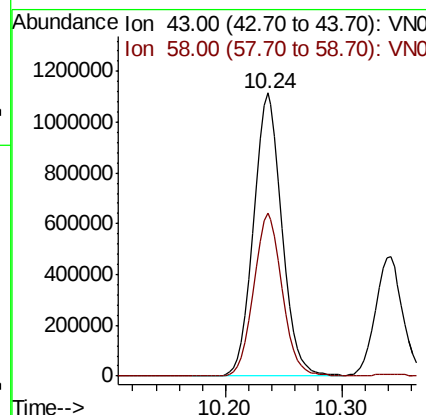
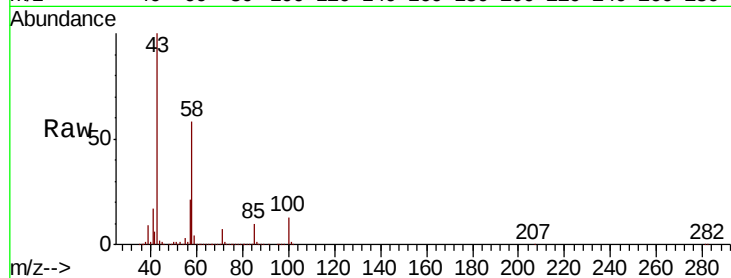




#59
2-Hexanone
Concen: 266.558 ug/l
RT: 10.24 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

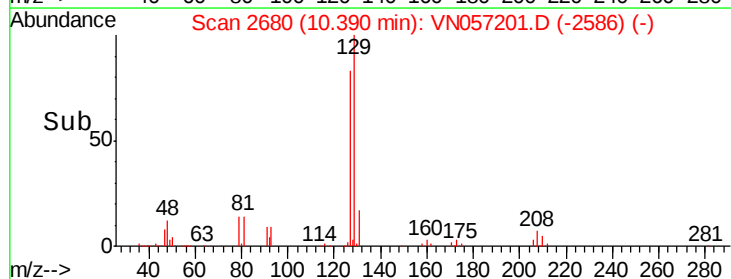
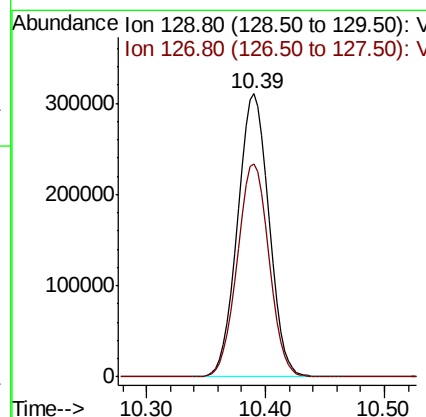
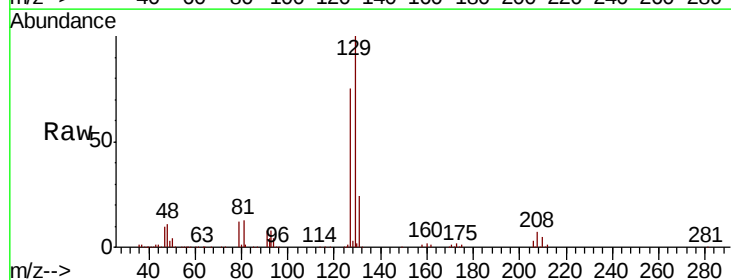
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

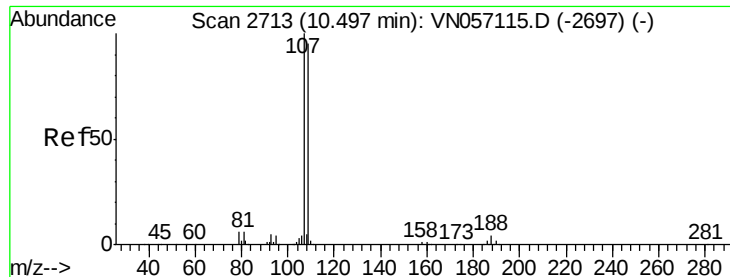
Tgt Ion: 43 Resp: 1902831
Ion Ratio Lower Upper
43 100
58 57.9 29.2 87.6



#60
Dibromochloromethane
Concen: 54.392 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion: 129 Resp: 568673
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.940 ug/l

RT: 10.50 min Scan# 2713

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

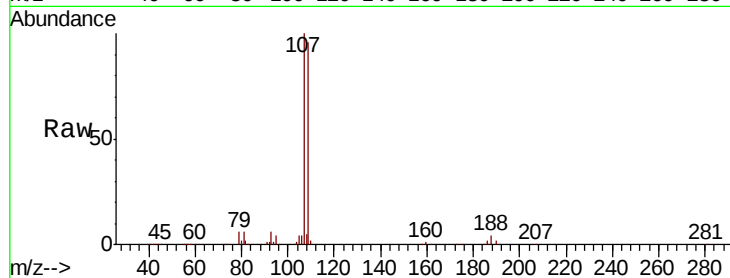
VSTDCCC050EC

Tgt Ion: 107 Resp: 523292

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.50

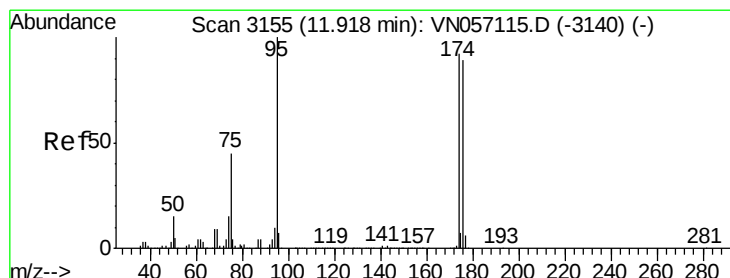
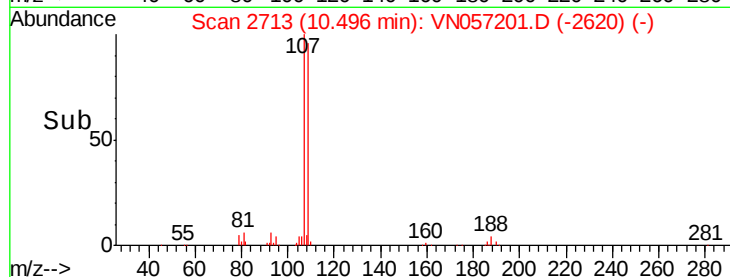
300000

200000

100000

0

Time--> 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 54.179 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

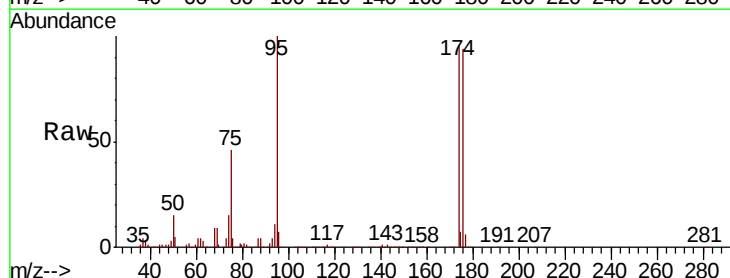
Tgt Ion: 95 Resp: 655765

Ion Ratio Lower Upper

95 100

174 94.1 0.0 185.0

176 91.9 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.92

500000

400000

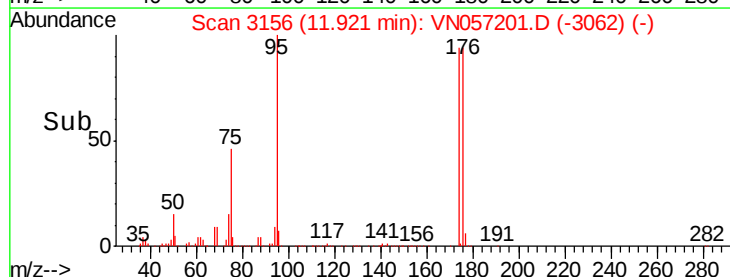
300000

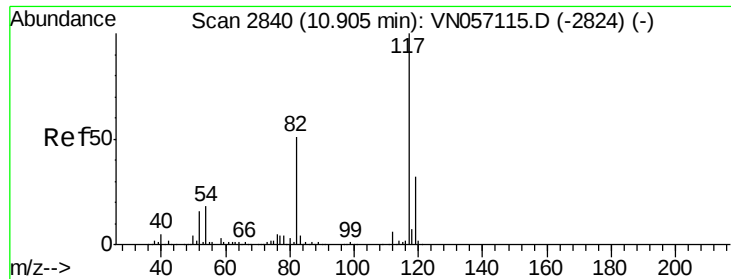
200000

100000

0

Time--> 11.85 11.90 11.95 12.00

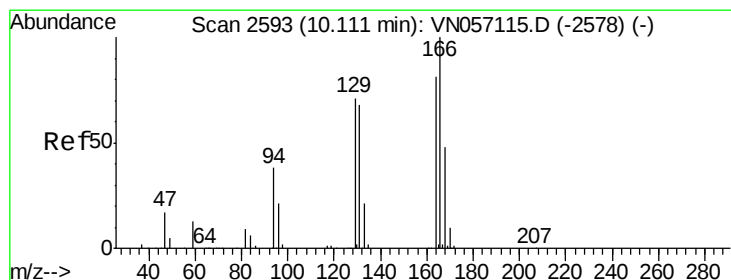
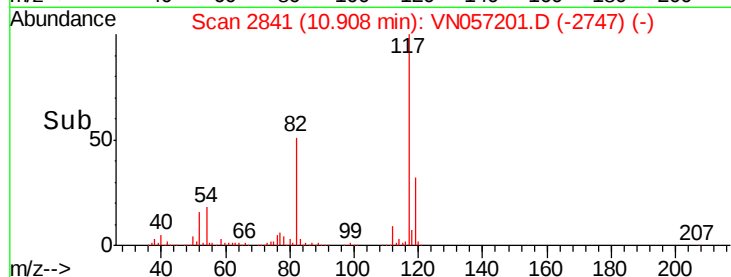
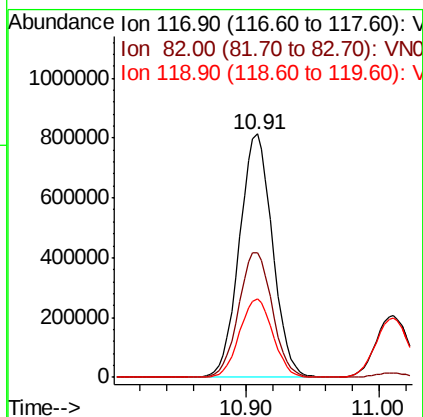
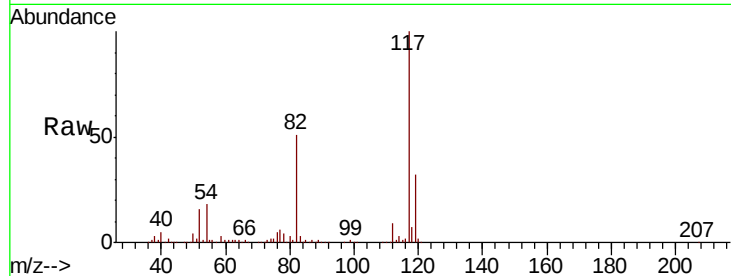




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

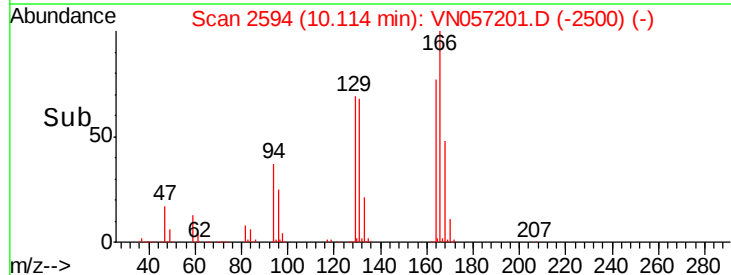
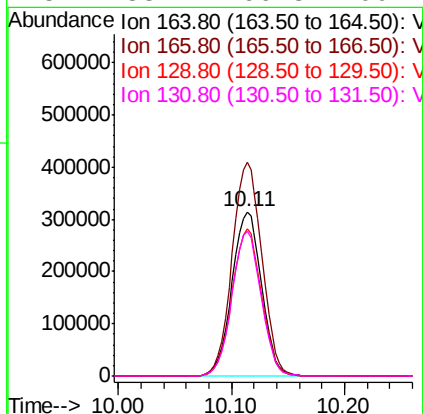
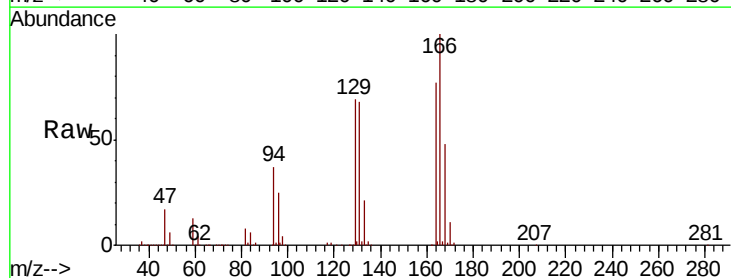
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

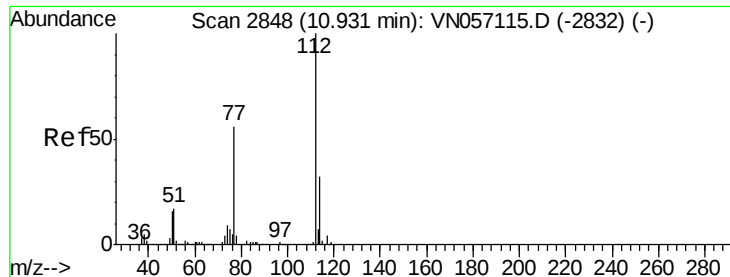
Tgt Ion:117 Resp: 1407592
Ion Ratio Lower Upper
117 100
82 51.2 40.8 61.2
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 48.873 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion:164 Resp: 572114
Ion Ratio Lower Upper
164 100
166 130.0 98.3 147.5
129 89.8 69.8 104.6
131 88.1 66.8 100.2

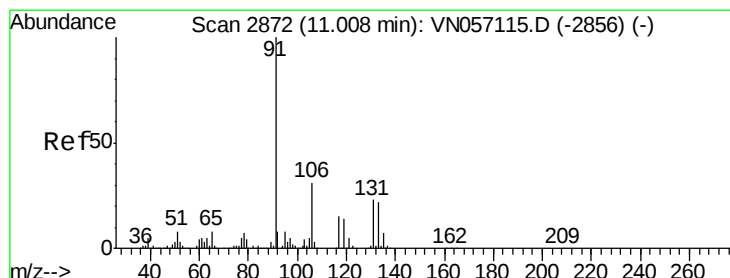
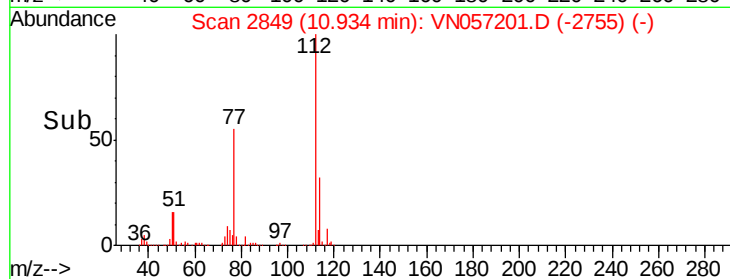
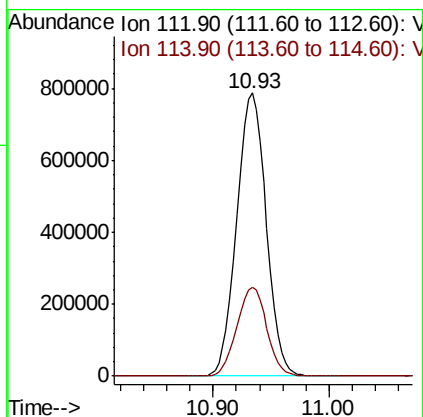
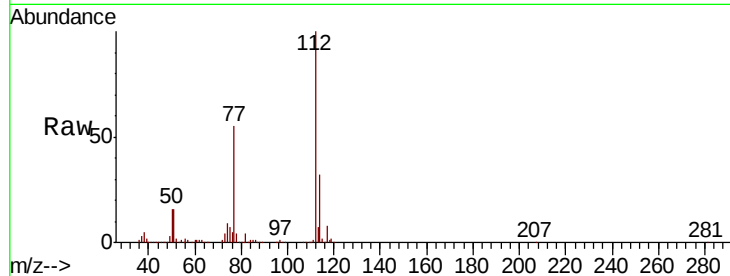




#65
Chlorobenzene
Concen: 48.886 ug/l
RT: 10.93 min Scan# 2849
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

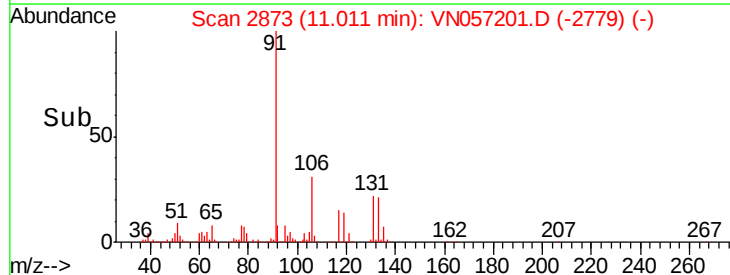
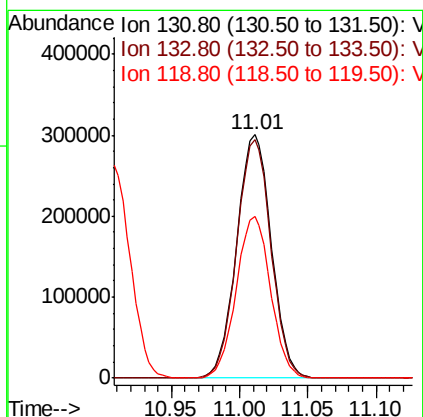
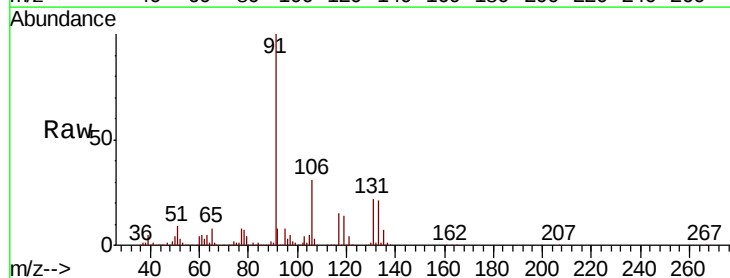
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

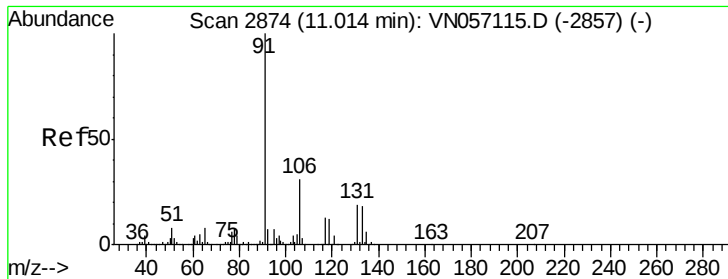
Tgt Ion:112 Resp: 1384533
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.109 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion:131 Resp: 530573
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.8
119 65.8 32.6 97.7





#67

Ethyl Benzene

Concen: 49.134 ug/l

RT: 11.01 min Scan# 2874

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

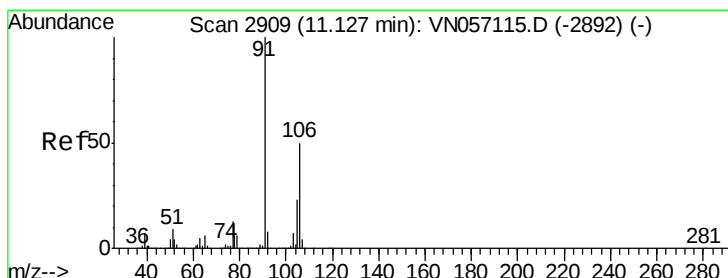
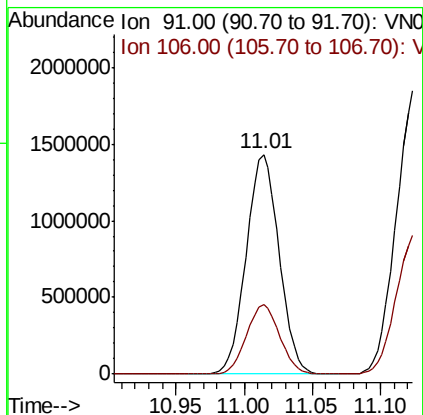
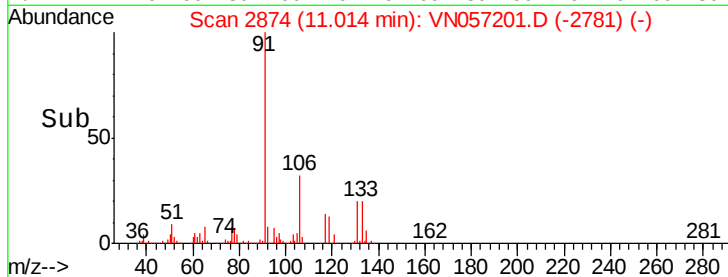
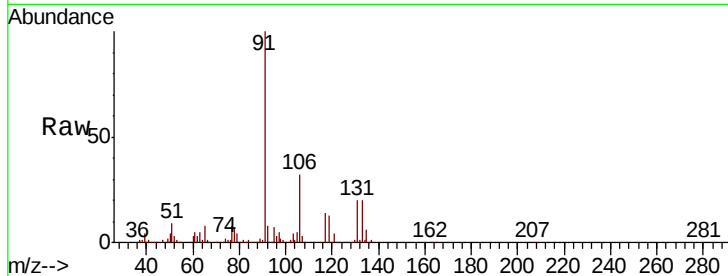
VSTDCCC050EC

Tgt Ion: 91 Resp: 2395003

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 101.189 ug/l

RT: 11.13 min Scan# 2909

Delta R.T. -0.00 min

Lab File: VN057201.D

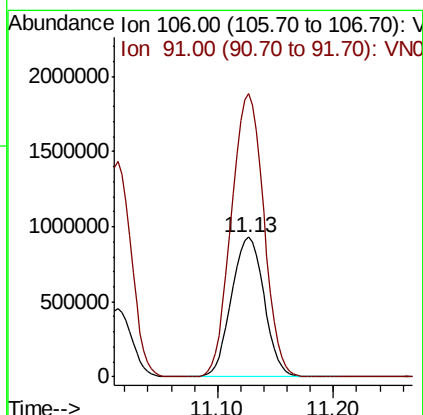
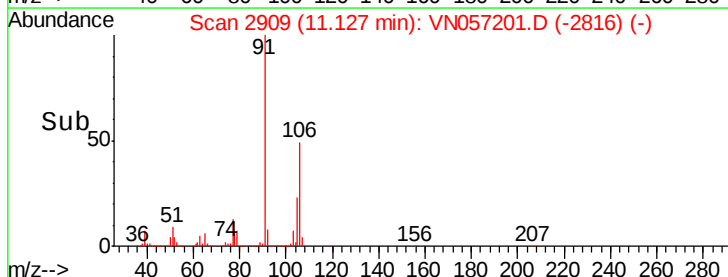
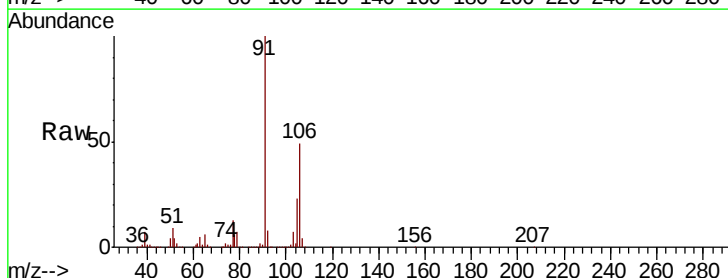
Acq: 11 Aug 2019 20:43

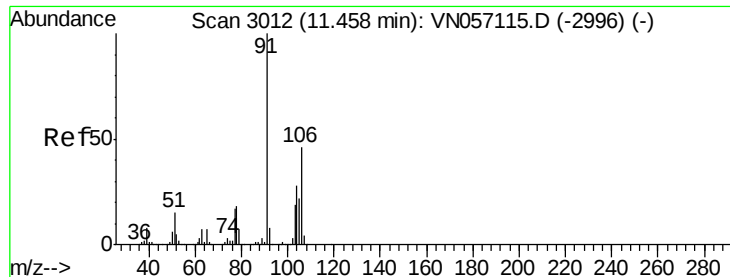
Tgt Ion: 106 Resp: 1817128

Ion Ratio Lower Upper

106 100

91 201.1 159.8 239.8

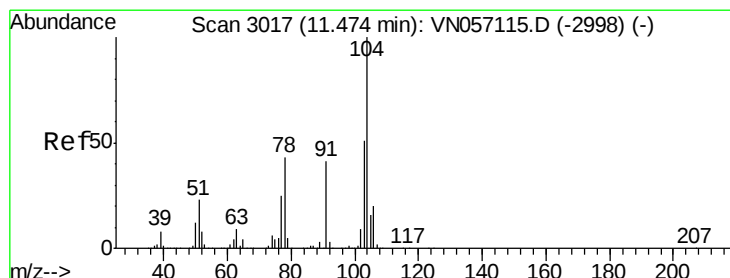
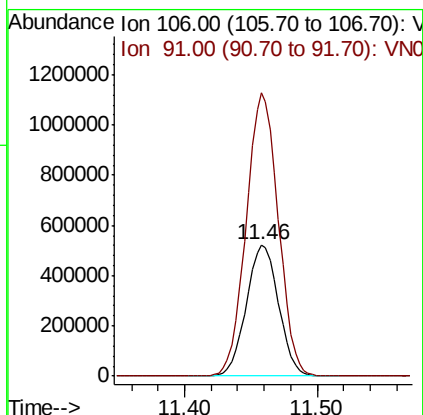
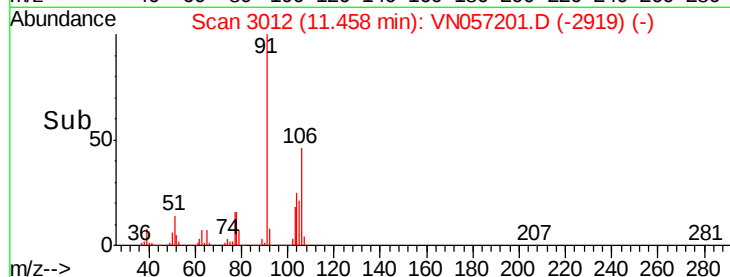
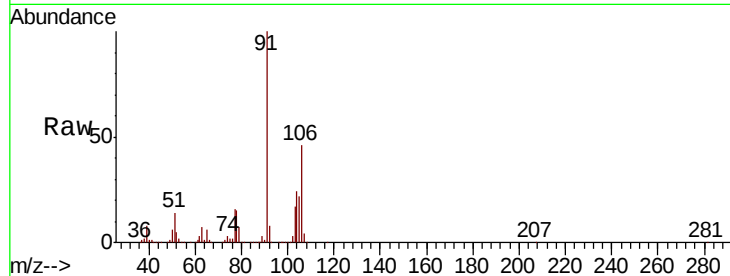




#69
o-Xylene
Concen: 49.289 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

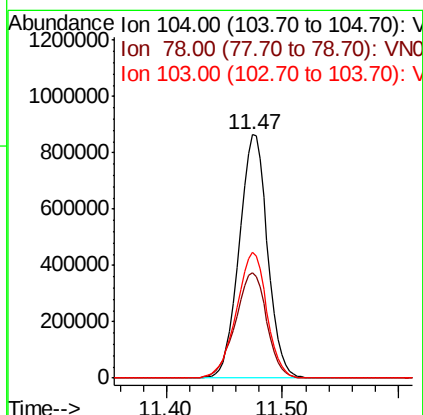
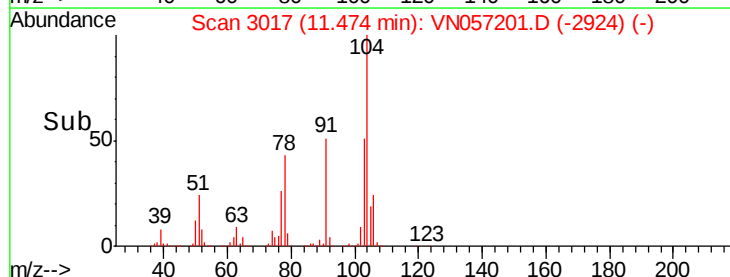
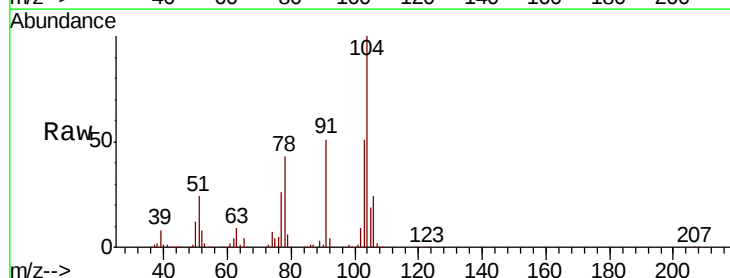
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

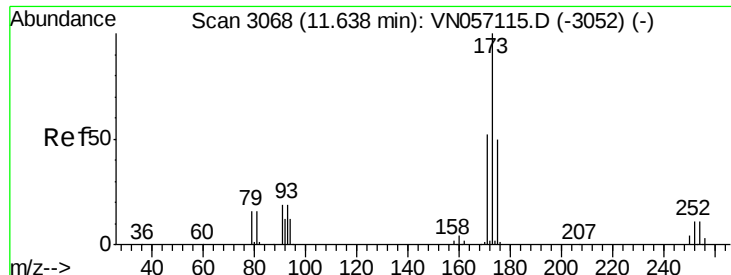
Tgt Ion:106 Resp: 880899
Ion Ratio Lower Upper
106 100
91 214.7 106.8 320.5



#70
Styrene
Concen: 52.509 ug/l
RT: 11.47 min Scan# 3017
Delta R.T. -0.00 min
Lab File: VN057201.D
Acq: 11 Aug 2019 20:43

Tgt Ion:104 Resp: 1465826
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 55.7 44.6 66.8





#71

Bromoform

Concen: 55.017 ug/l

RT: 11.64 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

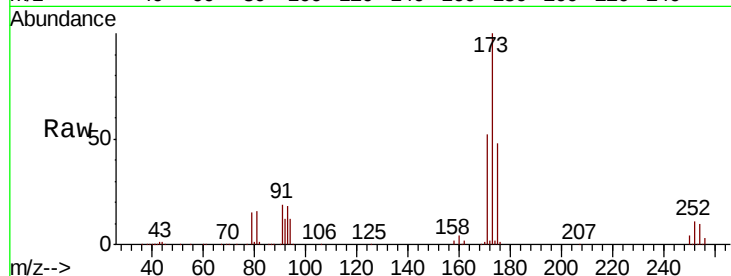
Tgt Ion:173 Resp: 426725

Ion Ratio Lower Upper

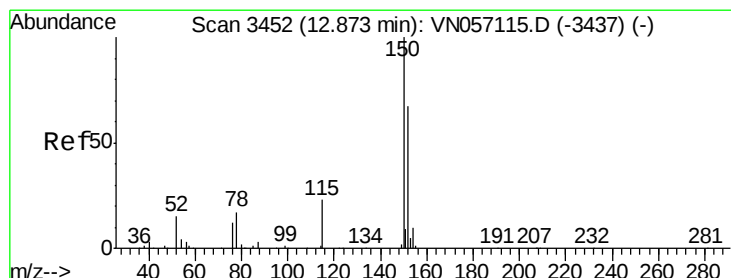
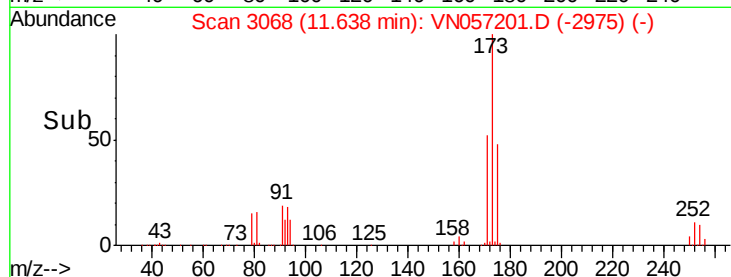
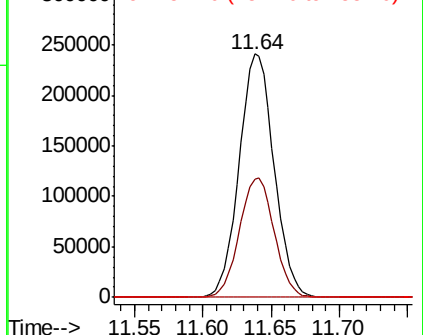
173 100

175 48.9 24.6 73.8

254 0.2 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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

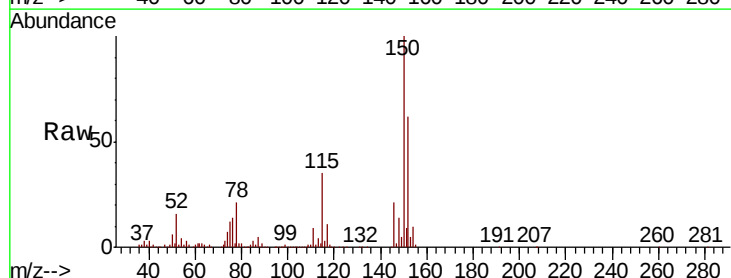
Tgt Ion:152 Resp: 588418

Ion Ratio Lower Upper

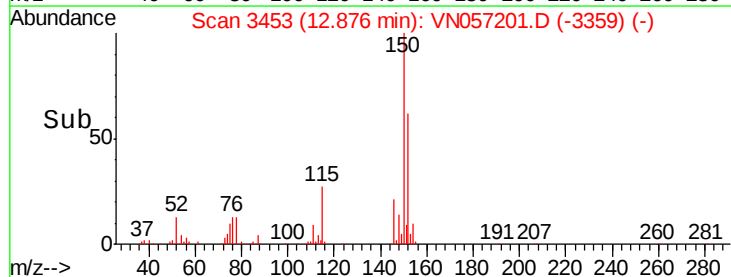
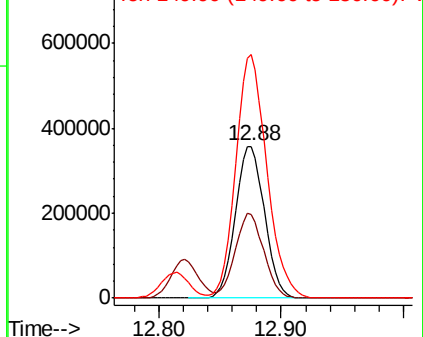
152 100

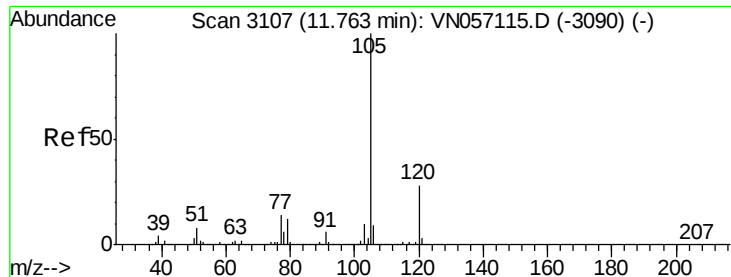
115 55.3 27.5 82.5

150 171.4 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: 49.673 ug/l

RT: 11.76 min Scan# 3107

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

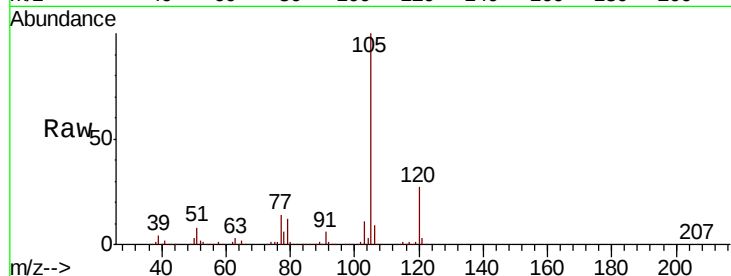
VSTDCCC050EC

Tgt Ion:105 Resp: 2381432

Ion Ratio Lower Upper

105 100

120 27.0 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

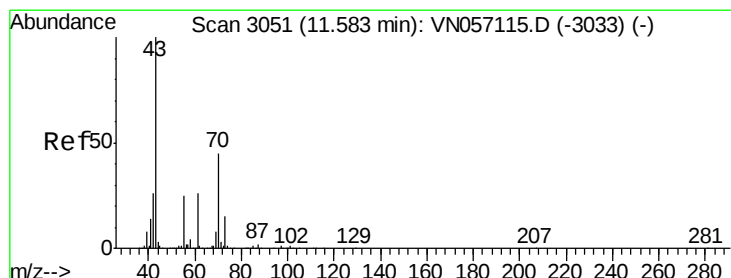
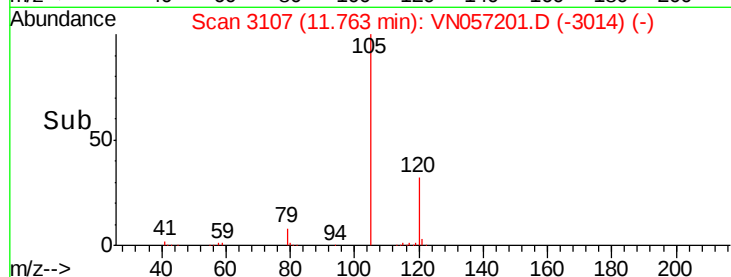
1000000

500000

0

Time-->

11.70 11.80



#74

N-ethyl acetate

Concen: 47.705 ug/l

RT: 11.59 min Scan# 3052

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Tgt Ion: 43 Resp: 711325

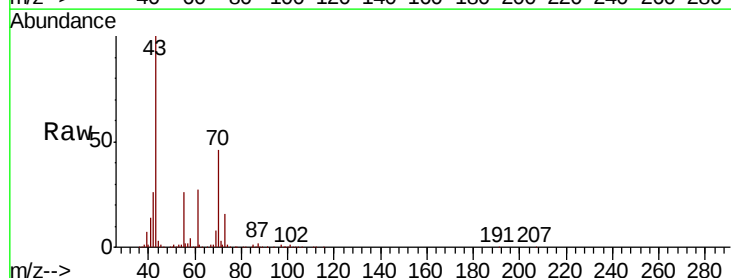
Ion Ratio Lower Upper

43 100

70 46.2 36.8 55.2

55 26.5 20.6 31.0

61 26.7 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

11.59

600000

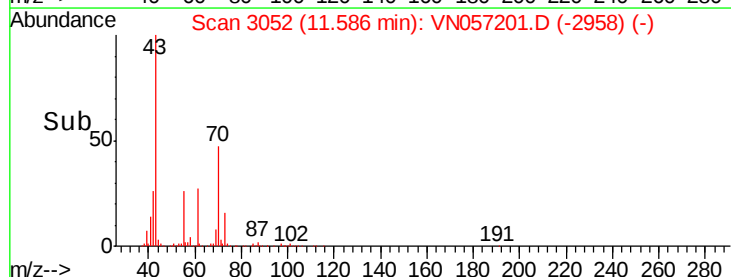
400000

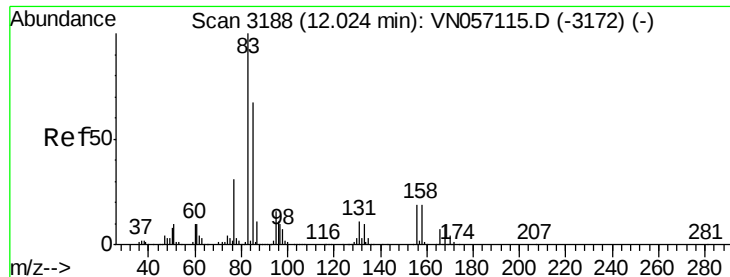
200000

0

Time-->

11.50 11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 52.702 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

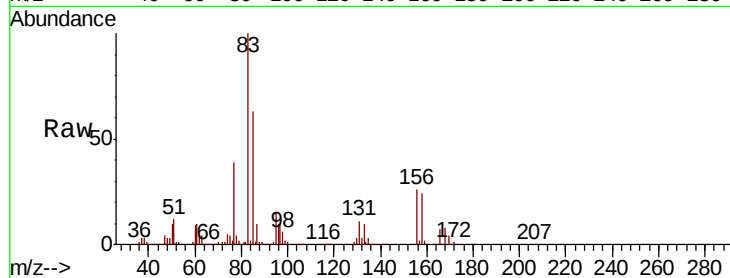
Tgt Ion: 83 Resp: 673335

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

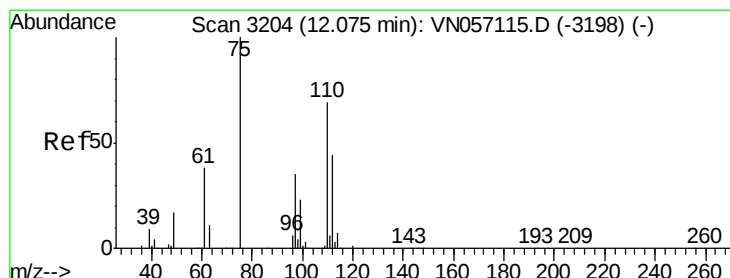
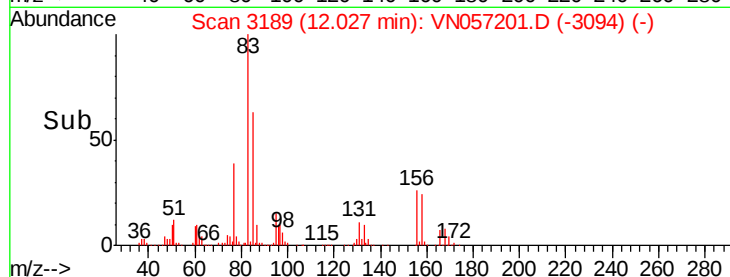
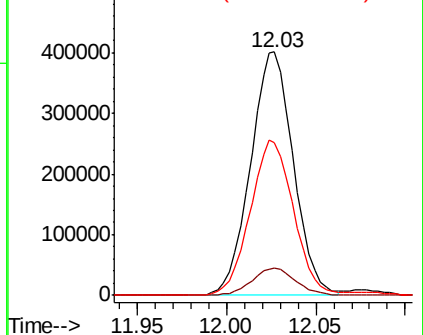
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN057201.D (-3189) (-)

Ion 130.80 (130.50 to 131.50): VN057201.D (-3189) (-)

Ion 84.90 (84.60 to 85.60): VN057201.D (-3189) (-)



#76

1,2,3-Trichloropropane

Concen: 70.793 ug/l

RT: 12.08 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN057201.D

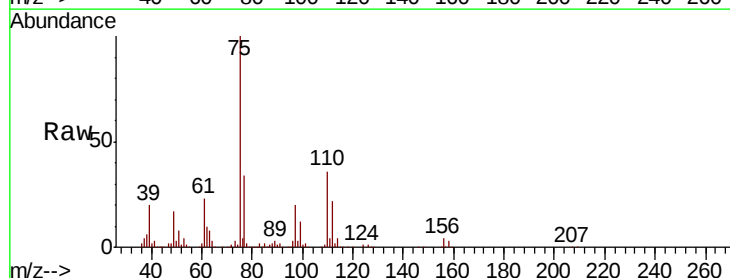
Acq: 11 Aug 2019 20:43

Tgt Ion: 75 Resp: 798836

Ion Ratio Lower Upper

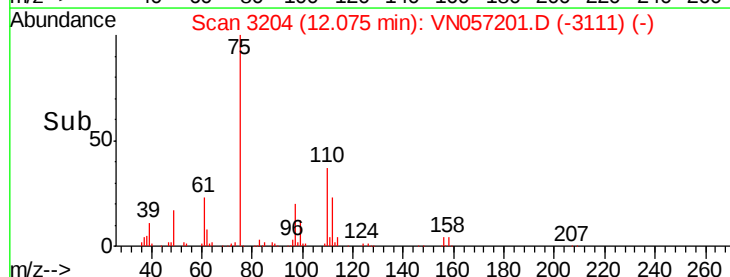
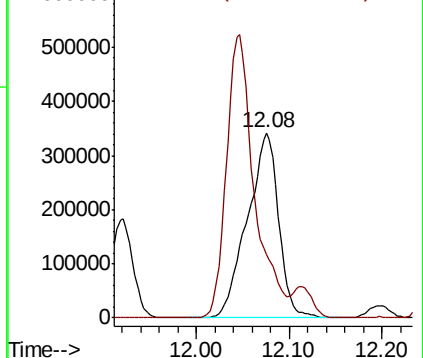
75 100

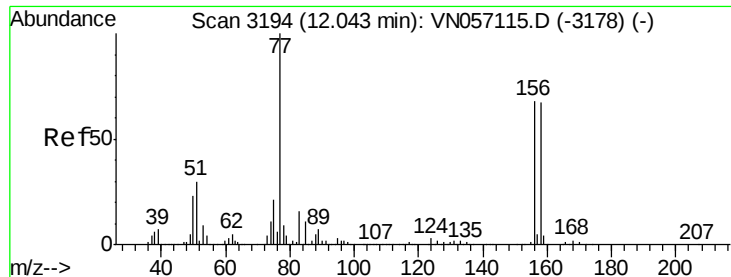
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057201.D (-3204) (-)

Ion 77.00 (76.70 to 77.70): VN057201.D (-3204) (-)





#77

Bromobenzene

Concen: 44.702 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

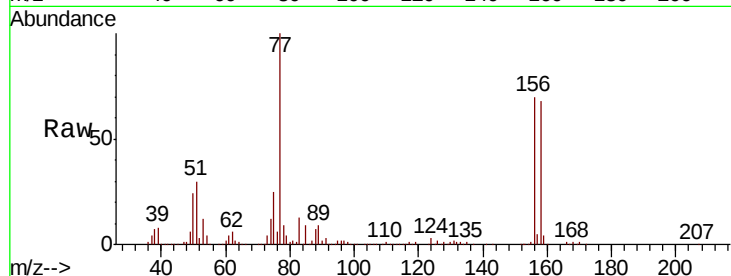
Tgt Ion:156 Resp: 632236

Ion Ratio Lower Upper

156 100

77 172.6 88.7 266.1

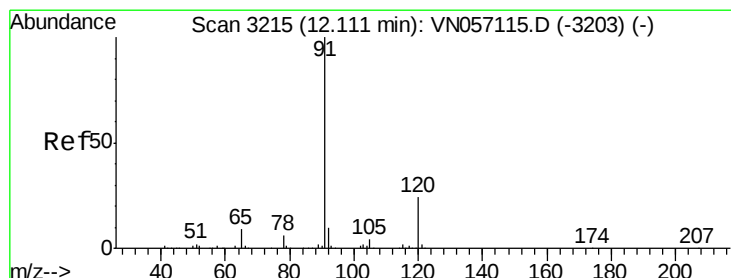
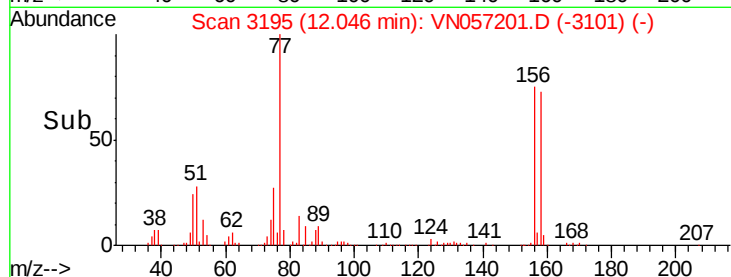
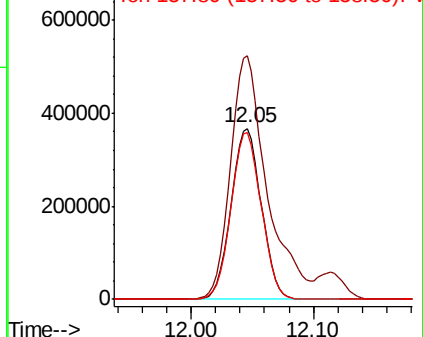
158 97.5 49.3 147.8



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: 44.183 ug/l

RT: 12.11 min Scan# 3216

Delta R.T. 0.00 min

Lab File: VN057201.D

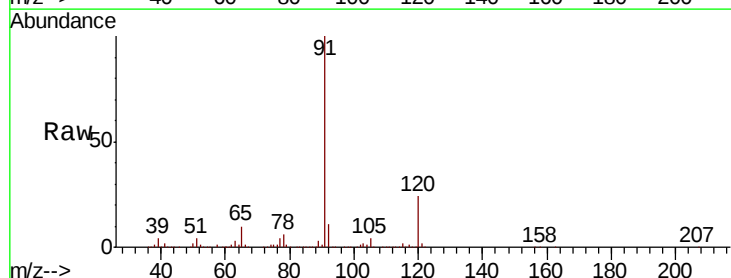
Acq: 11 Aug 2019 20:43

Tgt Ion: 91 Resp: 2494134

Ion Ratio Lower Upper

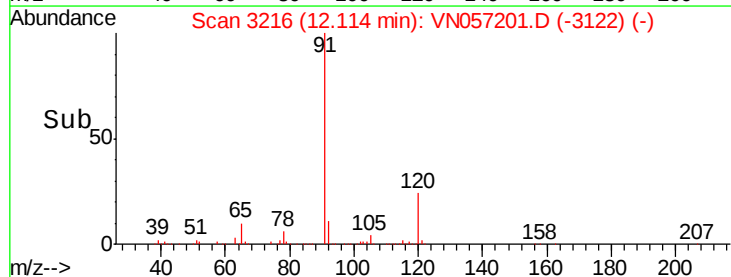
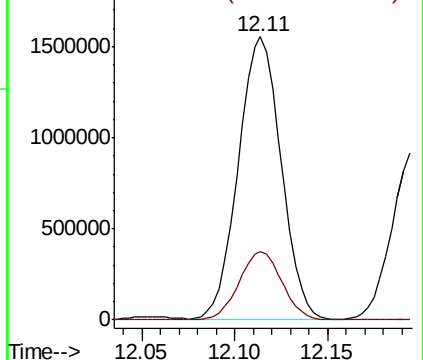
91 100

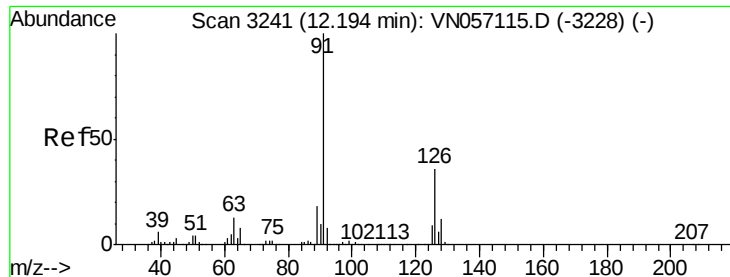
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.088 ug/l

RT: 12.20 min Scan# 3242

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

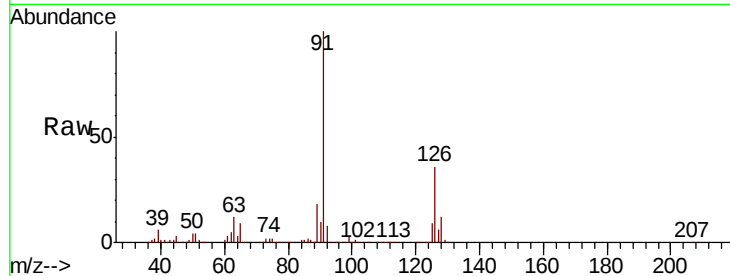
VSTDCCC050EC

Tgt Ion: 91 Resp: 1545047

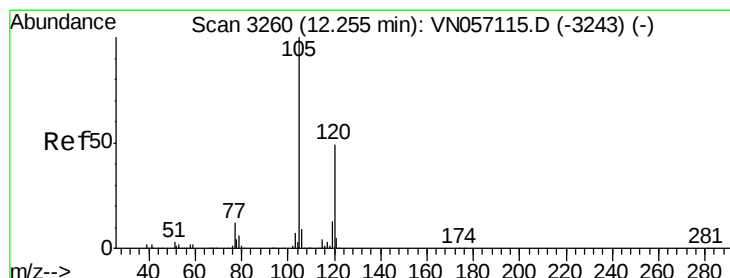
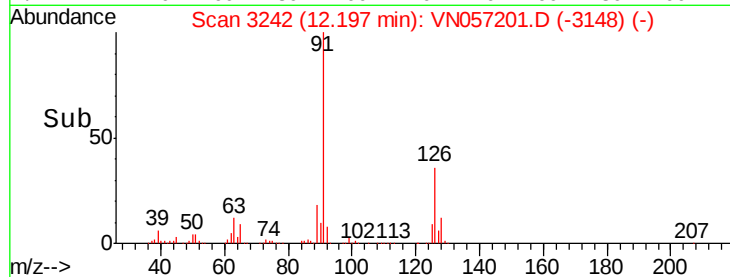
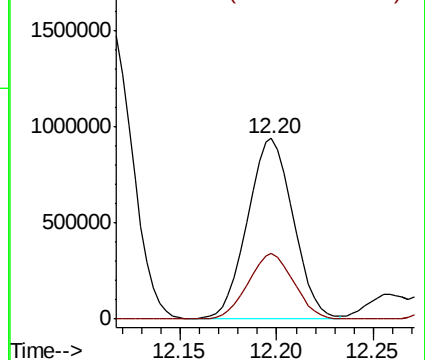
Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.3



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



#80

1,3,5-Trimethylbenzene

Concen: 43.951 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057201.D

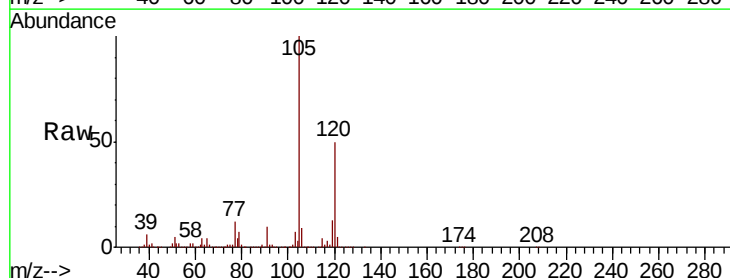
Acq: 11 Aug 2019 20:43

Tgt Ion: 105 Resp: 1996572

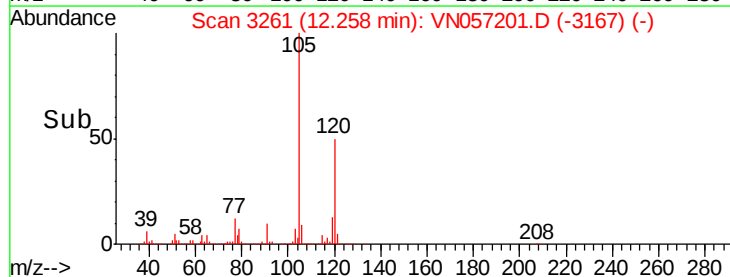
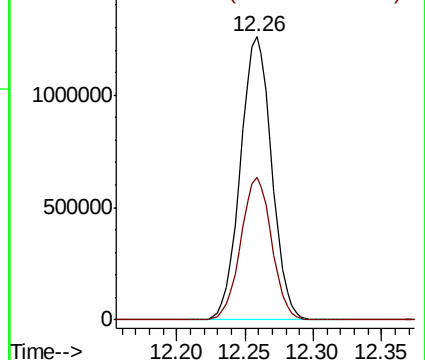
Ion Ratio Lower Upper

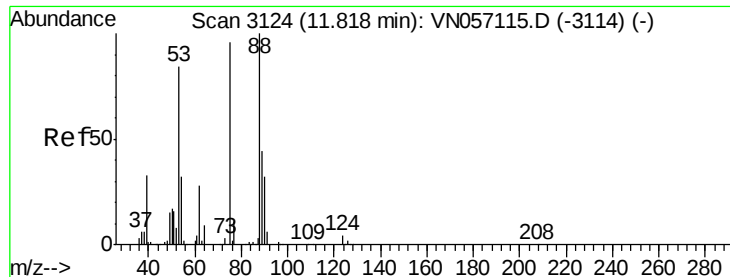
105 100

120 49.9 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 47.617 ug/l

RT: 11.82 min Scan# 3124

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

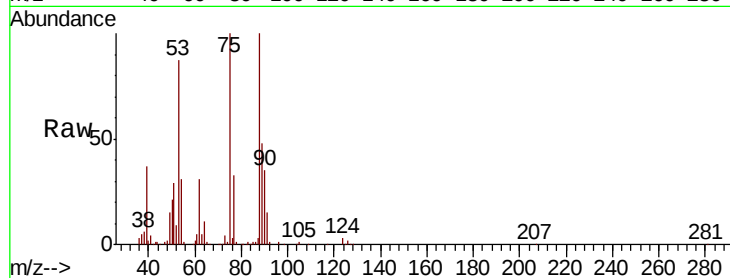
Tgt Ion: 75 Resp: 190557

Ion Ratio Lower Upper

75 100

53 84.3 70.6 106.0

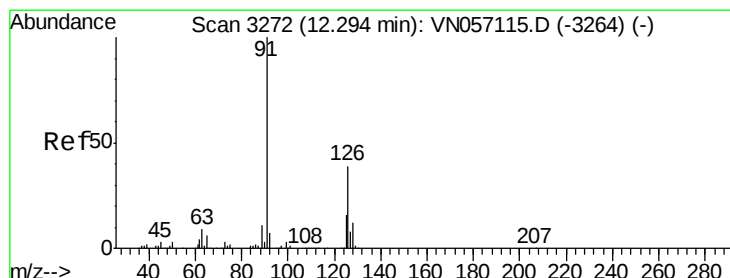
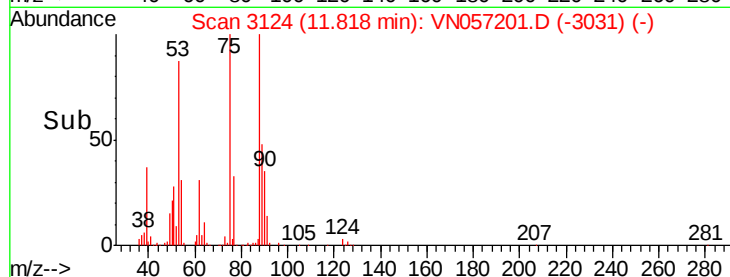
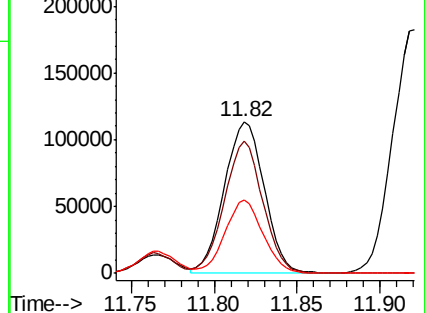
89 45.8 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN057201.D (-3114) (-)

Ion 53.00 (52.70 to 53.70): VN057201.D (-3114) (-)

Ion 88.90 (88.60 to 89.60): VN057201.D (-3114) (-)



#82

4-Chlorotoluene

Concen: 44.758 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057201.D

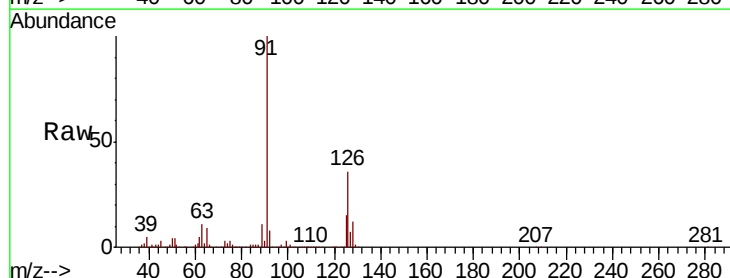
Acq: 11 Aug 2019 20:43

Tgt Ion: 91 Resp: 1462946

Ion Ratio Lower Upper

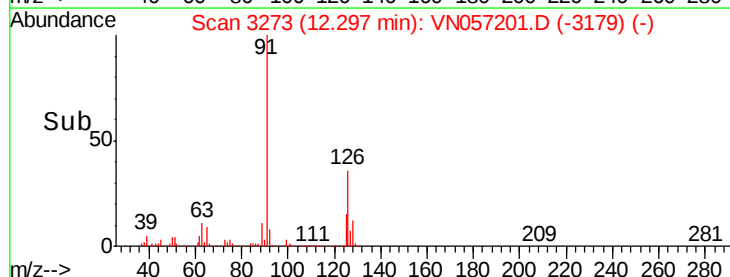
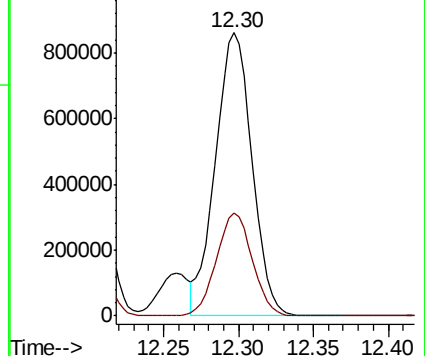
91 100

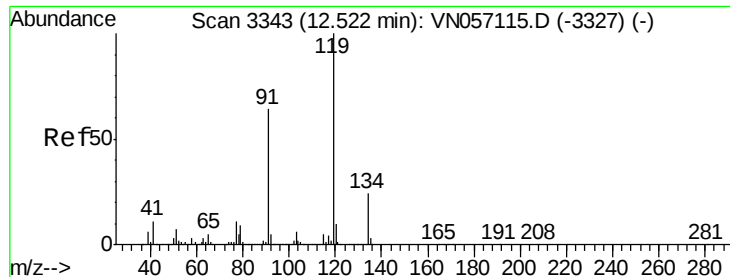
126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057201.D (-3264) (-)

Ion 125.90 (125.60 to 126.60): VN057201.D (-3264) (-)

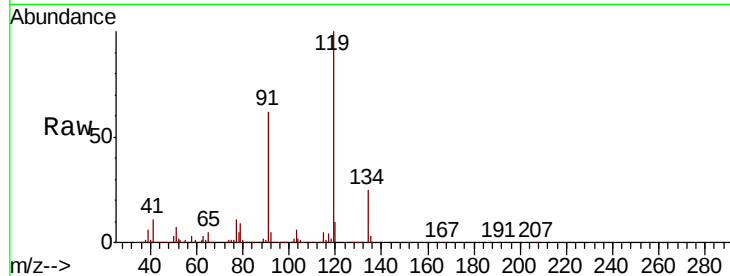




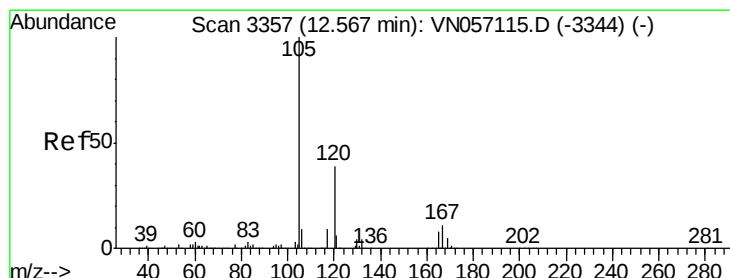
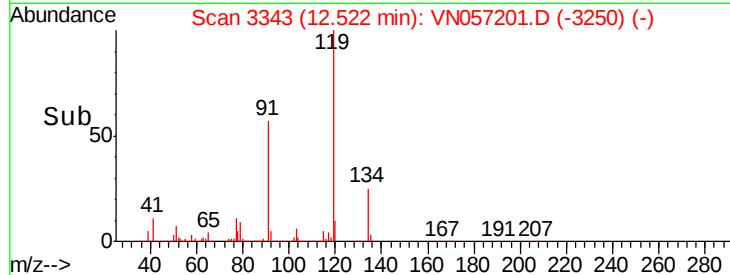
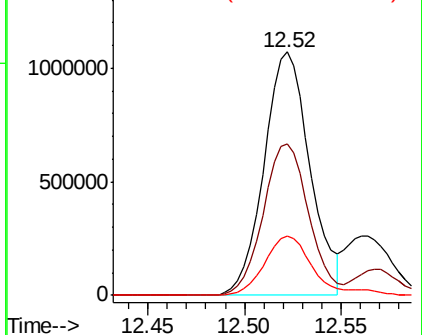
#83
 tert-Butylbenzene
 Concen: 49.599 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1776773
 Ion Ratio Lower Upper
 119 100
 91 61.9 31.4 94.2
 134 26.1 13.2 39.6

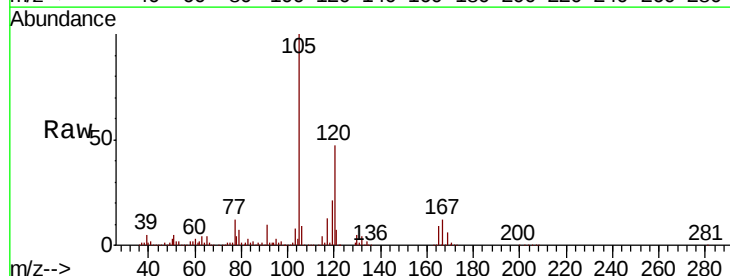


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

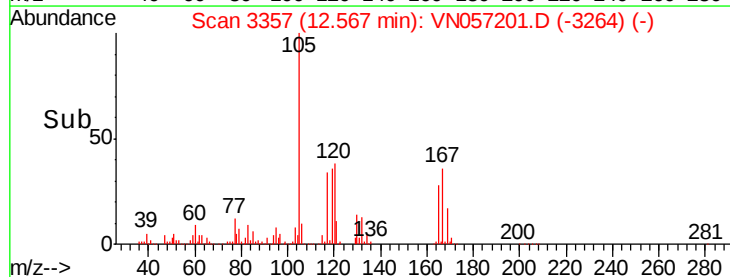
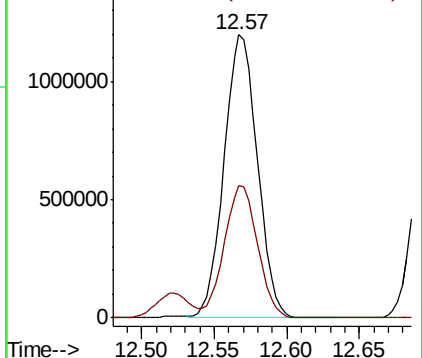


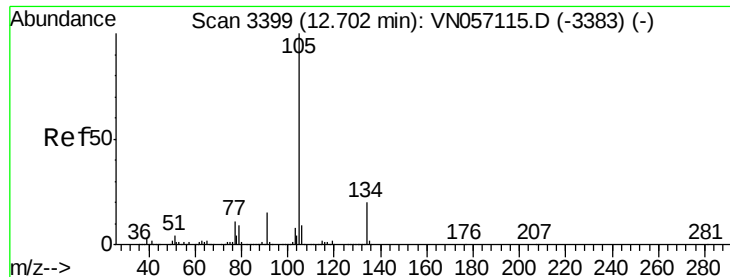
#84
 1,2,4-Trimethylbenzene
 Concen: 43.388 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion:105 Resp: 1905135
 Ion Ratio Lower Upper
 105 100
 120 46.6 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: 43.041 ug/l

RT: 12.70 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

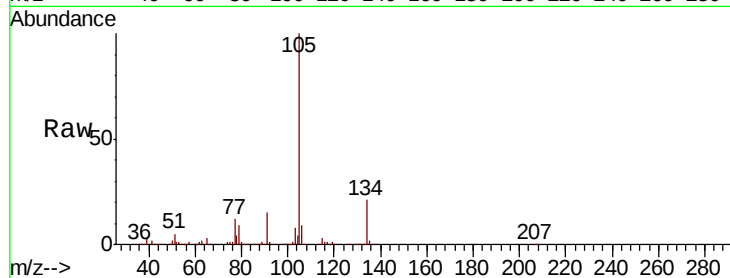
VSTDCCC050EC

Tgt Ion:105 Resp: 2206553

Ion Ratio Lower Upper

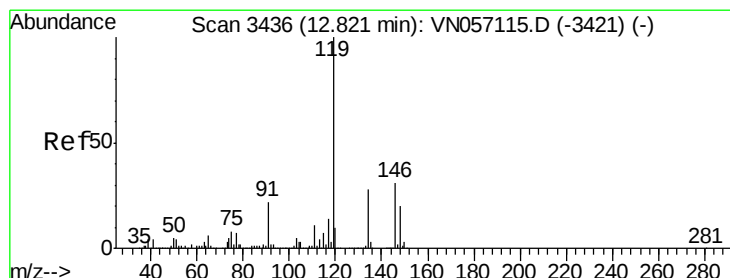
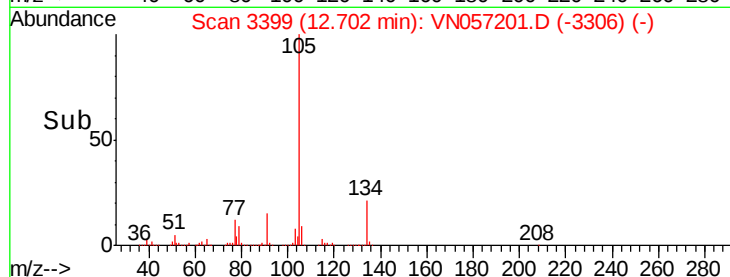
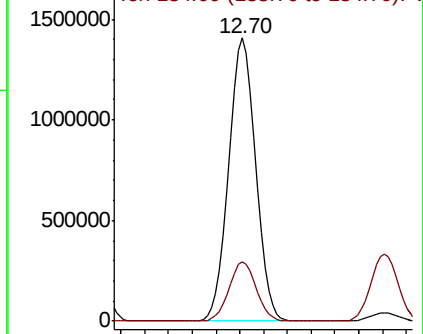
105 100

134 21.2 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: 43.878 ug/l

RT: 12.82 min Scan# 3436

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

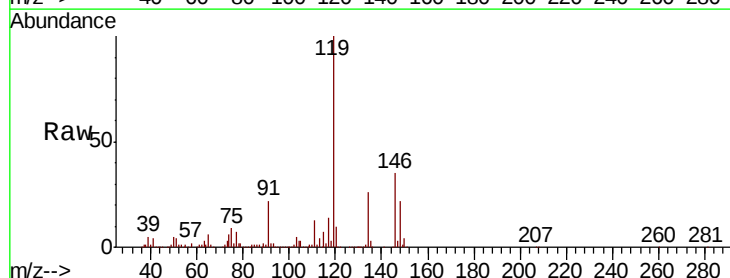
Tgt Ion:119 Resp: 1973814

Ion Ratio Lower Upper

119 100

134 26.8 13.8 41.3

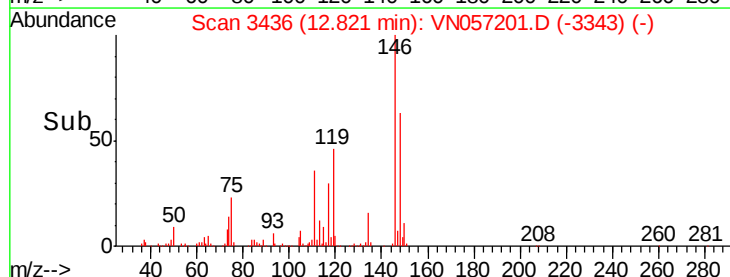
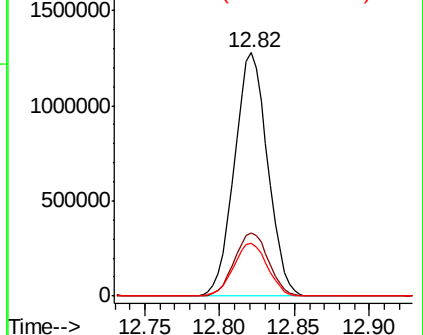
91 22.2 11.0 33.0

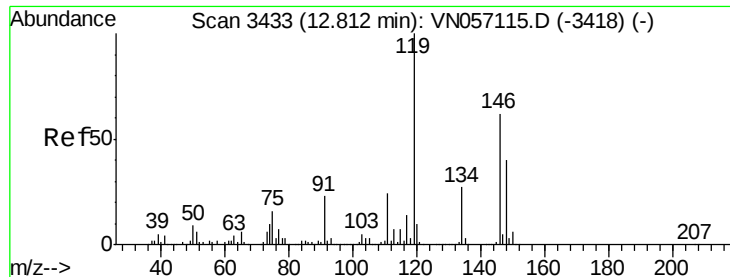


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.586 ug/l

RT: 12.81 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

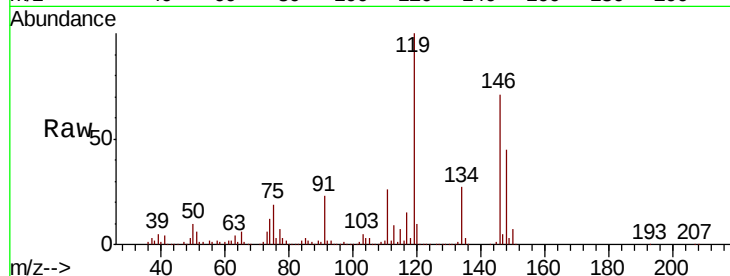
Tgt Ion:146 Resp: 958148

Ion Ratio Lower Upper

146 100

111 37.4 18.8 56.4

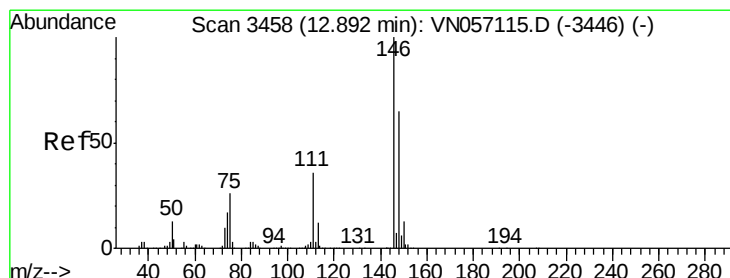
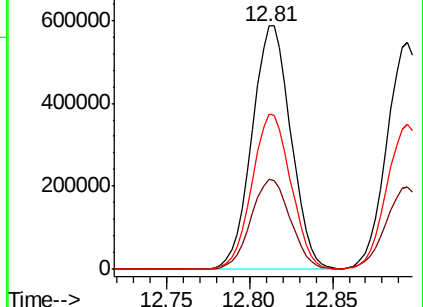
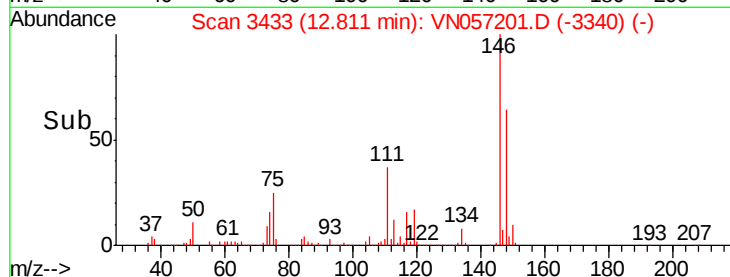
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.352 ug/l

RT: 12.90 min Scan# 3459

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

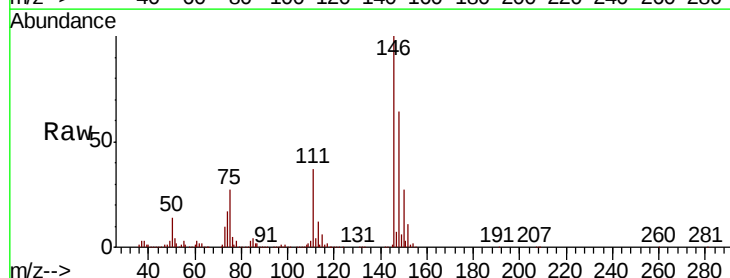
Tgt Ion:146 Resp: 903371

Ion Ratio Lower Upper

146 100

111 36.8 18.2 54.6

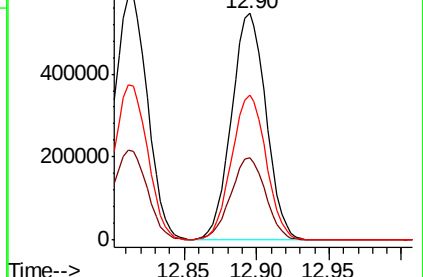
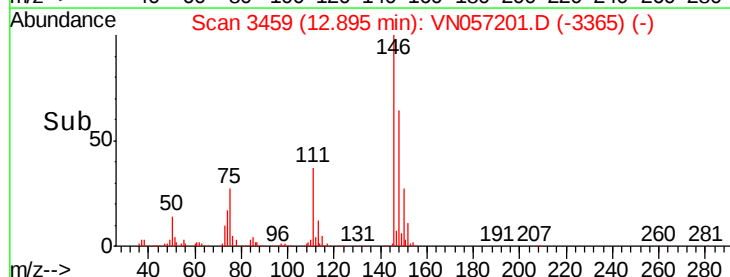
148 64.3 32.0 96.2

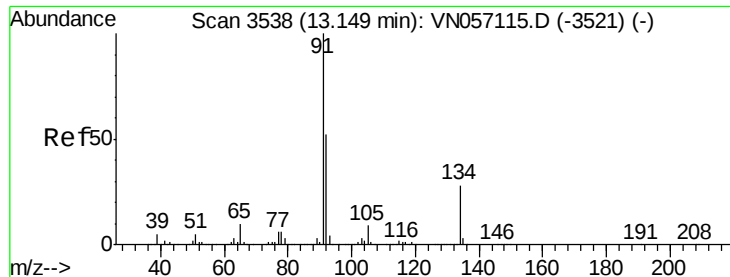


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.777 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

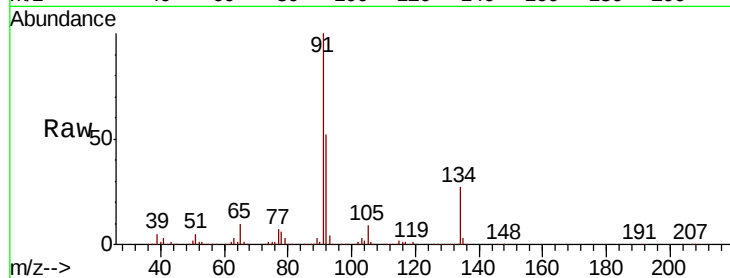
Tgt Ion: 91 Resp: 1453771

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.4

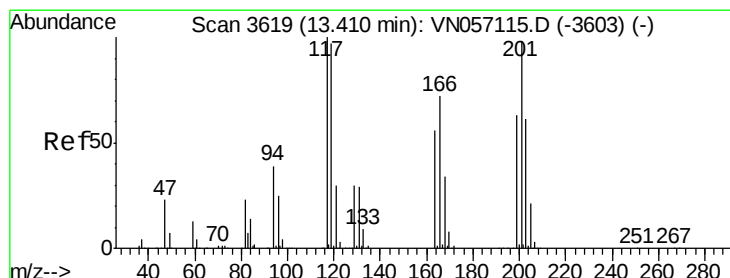
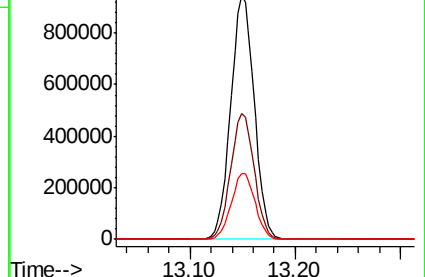
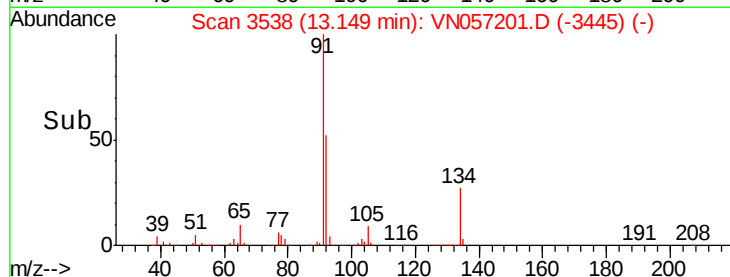
134 27.4 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057201.D (-3445) (-)

Ion 92.00 (91.70 to 92.70): VN057201.D (-3445) (-)

Ion 134.00 (133.70 to 134.70): VN057201.D (-3445) (-)



#90

Hexachloroethane

Concen: 50.498 ug/l

RT: 13.41 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VN057201.D

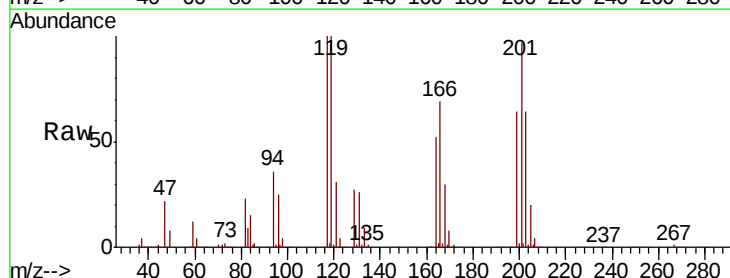
Acq: 11 Aug 2019 20:43

Tgt Ion: 117 Resp: 361031

Ion Ratio Lower Upper

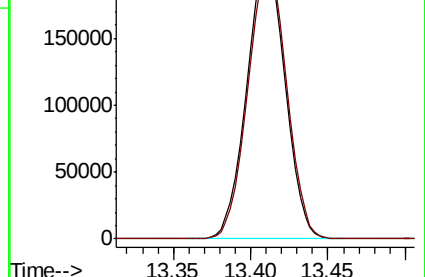
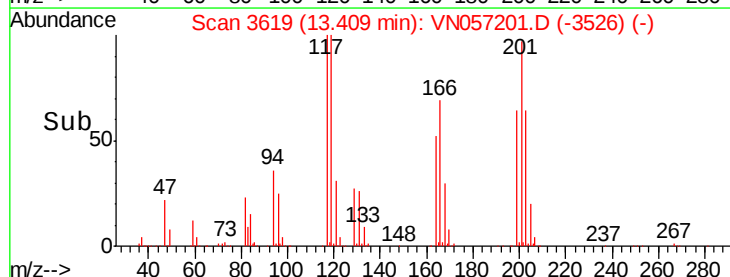
117 100

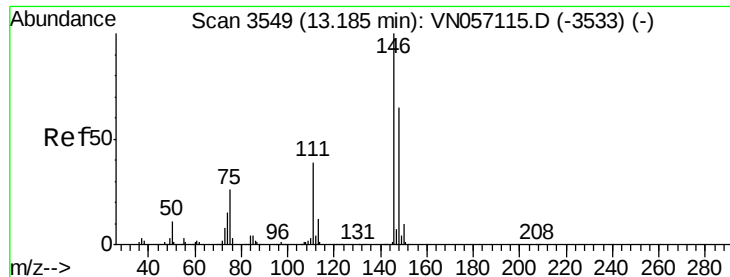
201 98.9 49.3 147.8



Abundance Ion 116.80 (116.50 to 117.50): VN057201.D (-3526) (-)

Ion 200.70 (200.40 to 201.40): VN057201.D (-3526) (-)

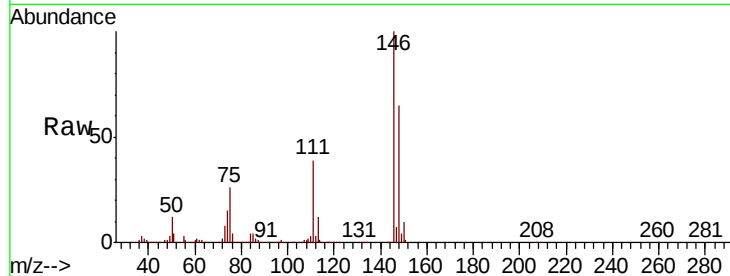




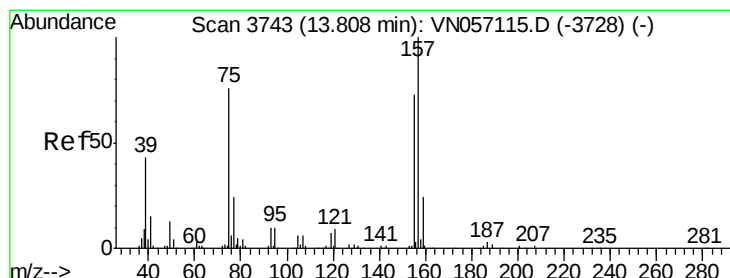
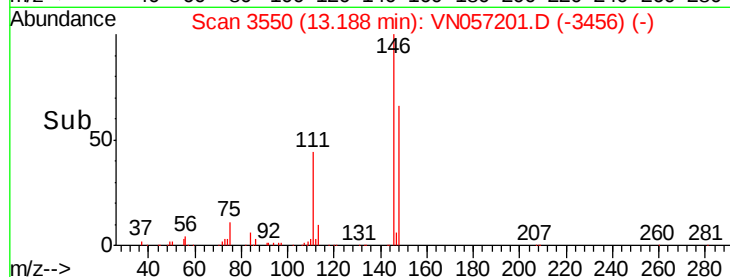
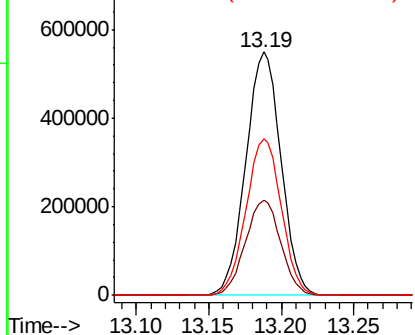
#91
 1,2-Dichlorobenzene
 Concen: 46.280 ug/l
 RT: 13.19 min Scan# 3550
 Delta R.T. 0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.2	57.6
148	64.6	32.4	97.0

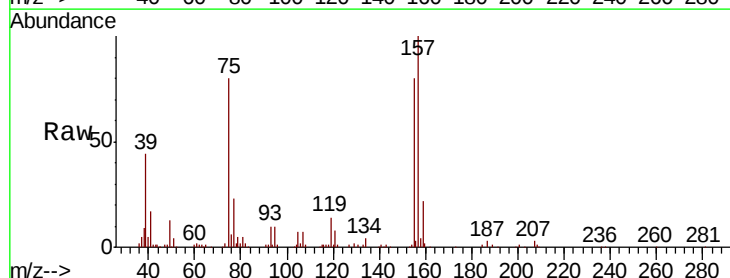


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

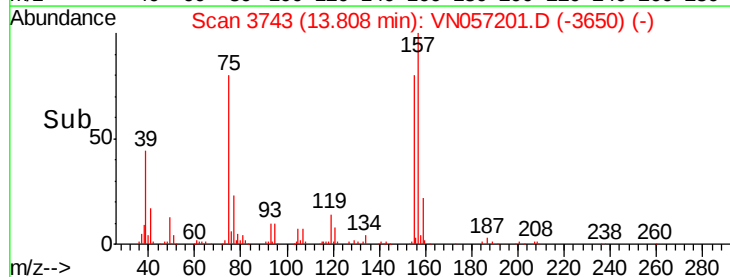
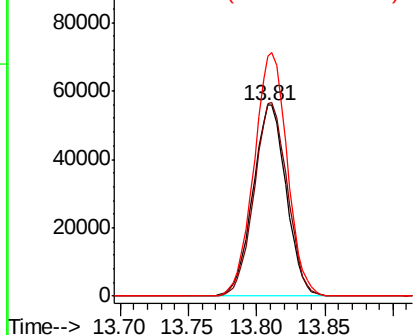


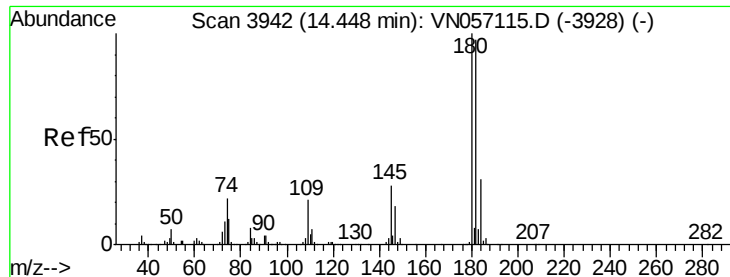
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.870 ug/l
 RT: 13.81 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	49.3	147.9
157	126.8	65.3	195.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

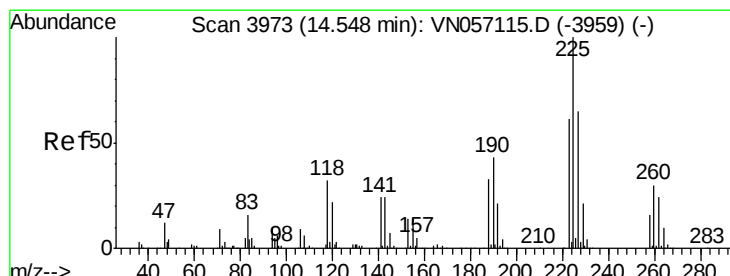
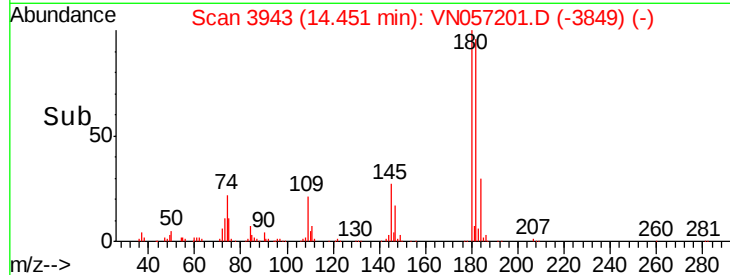
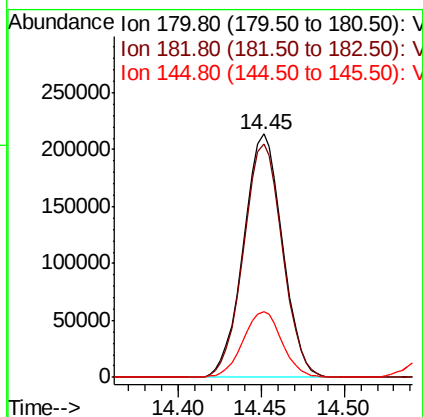
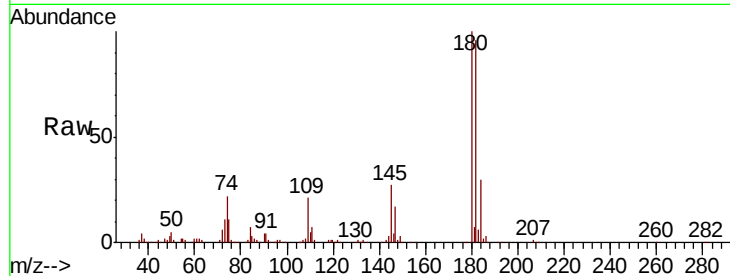




#93
 1,2,4-Trichlorobenzene
 Concen: 41.914 ug/l
 RT: 14.45 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

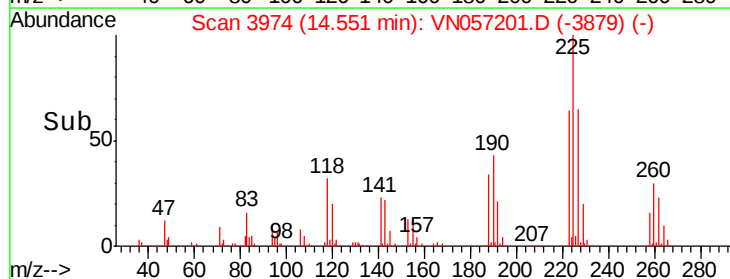
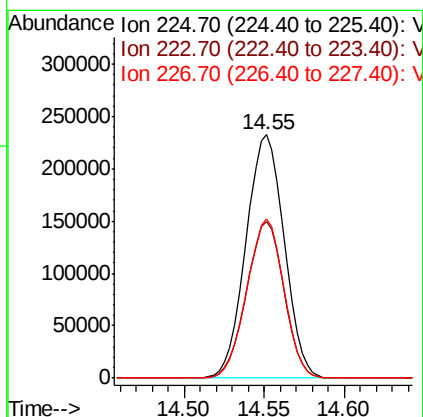
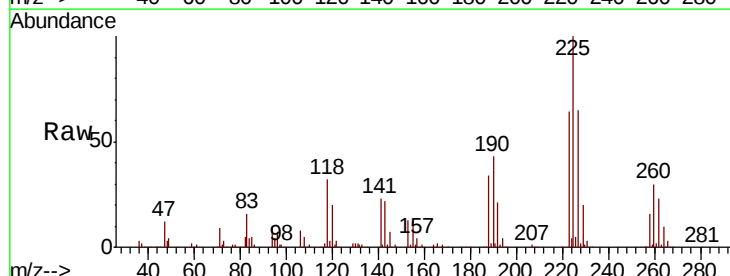
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

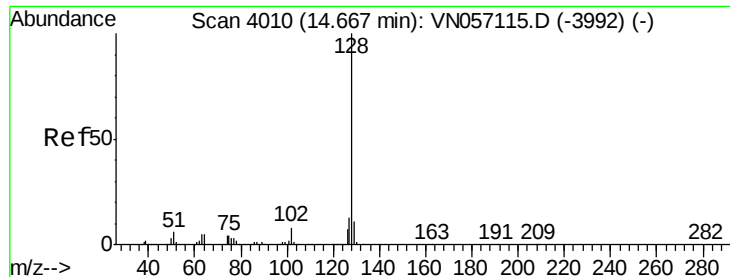
Tgt Ion:180 Resp: 348150
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.5 142.6
 145 27.3 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 54.305 ug/l
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057201.D
 Acq: 11 Aug 2019 20:43

Tgt Ion:225 Resp: 378789
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.8
 227 63.8 32.4 97.0





#95

Naphthalene

Concen: 39.773 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

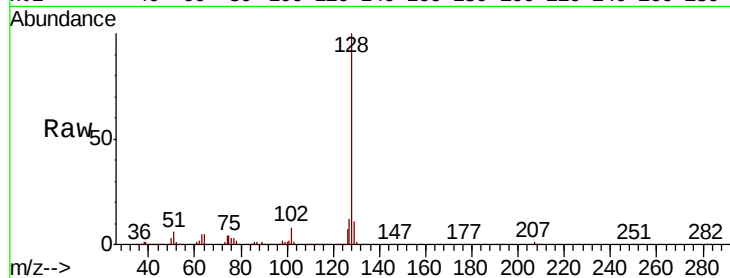
Tgt Ion:128 Resp: 645161

Ion Ratio Lower Upper

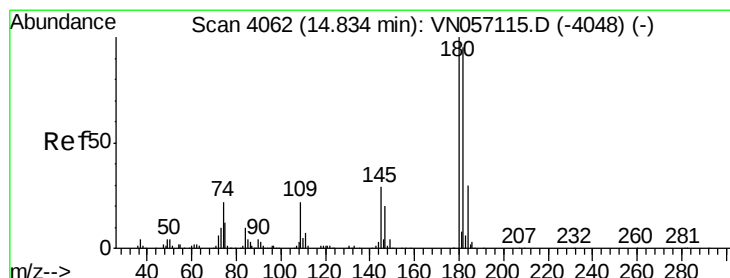
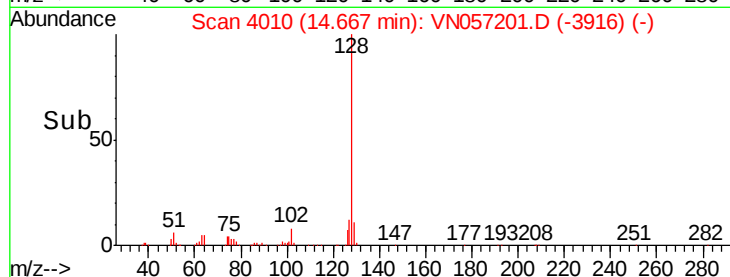
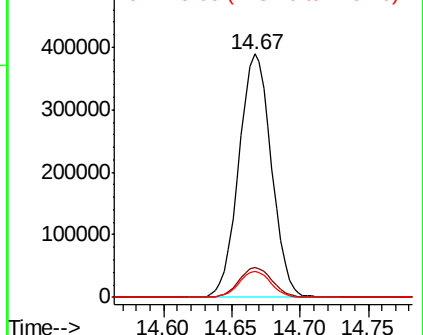
128 100

127 12.5 10.3 15.5

129 10.6 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: 37.523 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057201.D

Acq: 11 Aug 2019 20:43

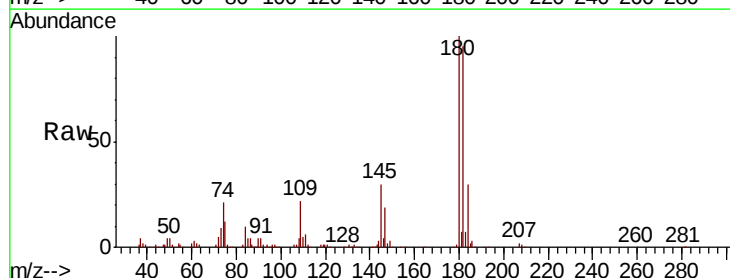
Tgt Ion:180 Resp: 316727

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 29.8 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

