

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053247.D
 Acq On : 2 Jan 2019 17:07
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 03 01:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	862141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1279859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1157508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	489326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	431684	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	378274	64.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.40%	
50) Toluene-d8	10.09	98	1600655	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	561809	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	408372	46.802	ug/l	99
3) Chloromethane	2.06	50	482935	45.674	ug/l	99
4) Vinyl Chloride	2.19	62	497975	46.503	ug/l	100
5) Bromomethane	2.56	94	354664	47.804	ug/l	98
6) Chloroethane	2.71	64	305334	48.144	ug/l	98
7) Trichlorofluoromethane	3.02	101	686782	51.483	ug/l	98
8) Diethyl Ether	3.41	74	254922	50.654	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	456141	53.629	ug/l	98
10) Methyl Iodide	3.96	142	597573	50.029	ug/l	99
11) Tert butyl alcohol	4.77	59	105361	197.366	ug/l	98
12) 1,1-Dichloroethene	3.74	96	406292	49.443	ug/l	98
13) Acrolein	3.60	56	124664	257.543	ug/l	100
14) Allyl chloride	4.32	41	647540	50.874	ug/l	97
15) Acrylonitrile	4.98	53	744086	250.895	ug/l	99
16) Acetone	3.81	43	506915	295.504	ug/l	95
17) Carbon Disulfide	4.06	76	1067622	39.839	ug/l	100
18) Methyl Acetate	4.32	43	428910	54.988	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1124267	51.126	ug/l	100
20) Methylene Chloride	4.55	84	477084	50.985	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	432805	49.022	ug/l	100
22) Diisopropyl ether	5.95	45	1487849	54.763	ug/l	98
23) Vinyl Acetate	5.89	43	4149028	265.573	ug/l	99
24) 1,1-Dichloroethane	5.85	63	853632	52.874	ug/l	100
25) 2-Butanone	6.83	43	772784	268.430	ug/l	97
26) 2,2-Dichloropropane	6.82	77	639915	51.924	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	520346	52.060	ug/l	100
28) Bromochloromethane	7.19	49	372888	53.302	ug/l	96
29) Tetrahydrofuran	7.21	42	521544	242.560	ug/l	98
30) Chloroform	7.37	83	844235	53.232	ug/l	99
31) Cyclohexane	7.65	56	766921	50.664	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	702685	52.011	ug/l	99
36) 1,1-Dichloropropene	7.79	75	642201	52.278	ug/l	100
37) Ethyl Acetate	6.92	43	354849	51.744	ug/l	99
38) Carbon Tetrachloride	7.77	117	607657	53.967	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053247.D
 Acq On : 2 Jan 2019 17:07
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 03 01:24:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	752743	50.441	ug/l	98
40) Benzene	8.04	78	1942110	53.150	ug/l	99
41) Methacrylonitrile	7.17	41	221086	55.797	ug/l	92
42) 1,2-Dichloroethane	8.12	62	570191	52.822	ug/l	99
43) Isopropyl Acetate	8.16	43	660138	49.737	ug/l #	91
44) Trichloroethene	8.83	130	531811	50.319	ug/l	98
45) 1,2-Dichloropropane	9.12	63	524923	55.153	ug/l	100
46) Dibromomethane	9.21	93	290355	52.369	ug/l	99
47) Bromodichloromethane	9.40	83	646918	54.891	ug/l	100
48) Methyl methacrylate	9.19	41	335168	50.367	ug/l	98
49) 1,4-Dioxane	9.19	88	63925	759.407	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1735940	261.389	ug/l	99
52) Toluene	10.15	92	1207249	53.304	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	653587	52.738	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	770654	54.176	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	425207	53.815	ug/l	99
56) Ethyl methacrylate	10.43	69	545917	52.200	ug/l	97
57) 1,3-Dichloropropane	10.71	76	727652	53.704	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1466016	255.338	ug/l	99
59) 2-Hexanone	10.75	43	1150228	255.986	ug/l	99
60) Dibromochloromethane	10.90	129	485252	53.652	ug/l	100
61) 1,2-Dibromoethane	11.00	107	413352	51.510	ug/l	99
64) Tetrachloroethene	10.63	164	552800	44.089	ug/l	99
65) Chlorobenzene	11.43	112	1368780	53.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	484749	54.327	ug/l	99
67) Ethyl Benzene	11.51	91	2348155	53.214	ug/l	99
68) m/p-Xylenes	11.62	106	1782476	106.259	ug/l	99
69) o-Xylene	11.95	106	873184	54.246	ug/l	99
70) Styrene	11.96	104	1440177	54.869	ug/l	99
71) Bromoform	12.13	173	312791	48.525	ug/l #	99
73) Isopropylbenzene	12.25	105	2320096	60.600	ug/l	99
74) N-amyl acetate	12.07	43	601715	56.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	411103	54.733	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	576944	70.040	ug/l #	100
77) Bromobenzene	12.53	156	587809	59.064	ug/l	96
78) n-propylbenzene	12.59	91	2652440	60.831	ug/l	99
79) 2-Chlorotoluene	12.67	91	1536497	56.849	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1822626	58.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	132679	51.915	ug/l	98
82) 4-Chlorotoluene	12.77	91	1573834	59.485	ug/l	99
83) tert-Butylbenzene	12.99	119	1622056	58.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1792055	57.125	ug/l	99
85) sec-Butylbenzene	13.17	105	2141886	57.377	ug/l	99
86) p-Isopropyltoluene	13.29	119	1820014	56.423	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	941899	53.475	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	897730	50.328	ug/l	100
89) n-Butylbenzene	13.61	91	1458614	52.562	ug/l	99
90) Hexachloroethane	13.87	117	266599	53.858	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	764991	46.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22430	17.271	ug/l	96

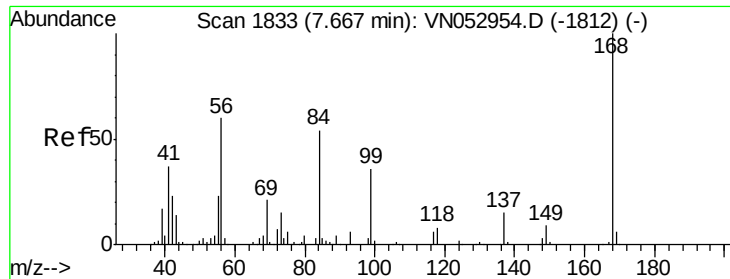
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
Data File : VN053247.D
Acq On : 2 Jan 2019 17:07
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 03 01:24:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	74581	8.987	ug/l	99
94) Hexachlorobutadiene	15.01	225	120935	25.168	ug/l	99
95) Naphthalene	15.13	128	105871	6.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	37994	5.263	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

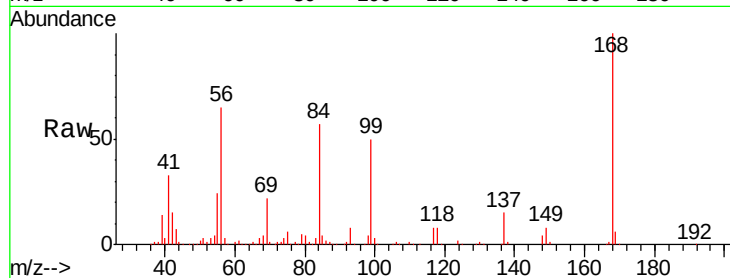
VSTDCCC050EC

Tgt Ion:168 Resp: 862141

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

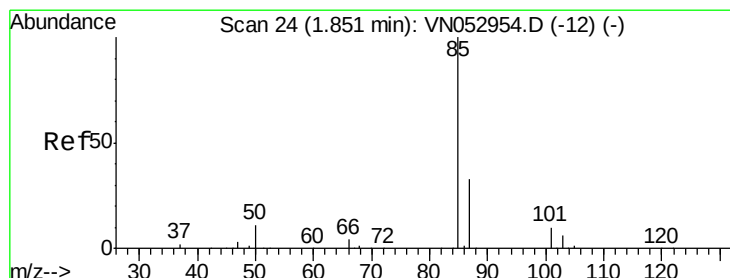
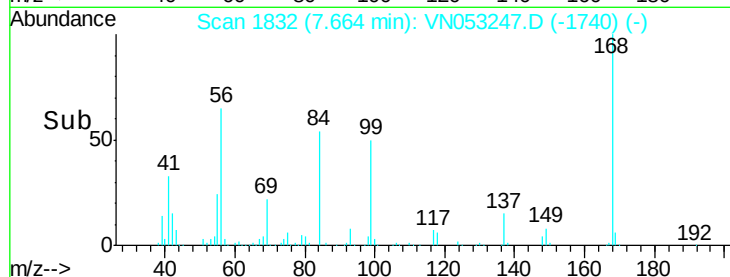
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.802 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053247.D

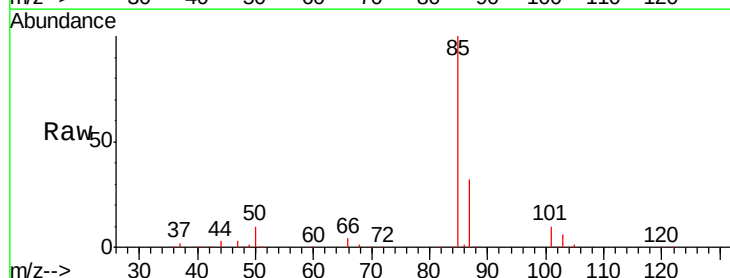
Acq: 2 Jan 2019 17:07

Tgt Ion: 85 Resp: 408372

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

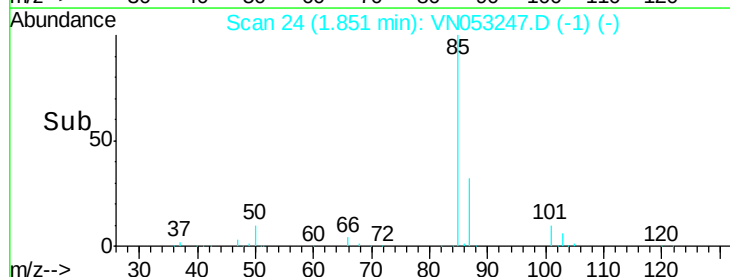
300000

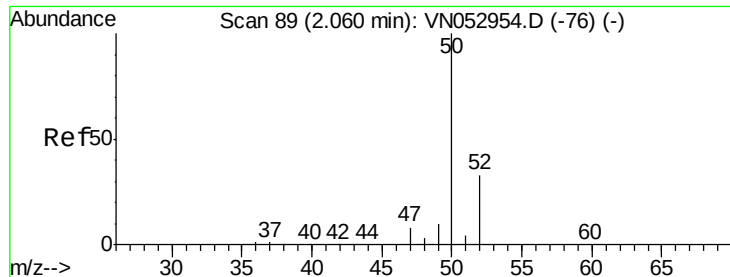
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.674 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

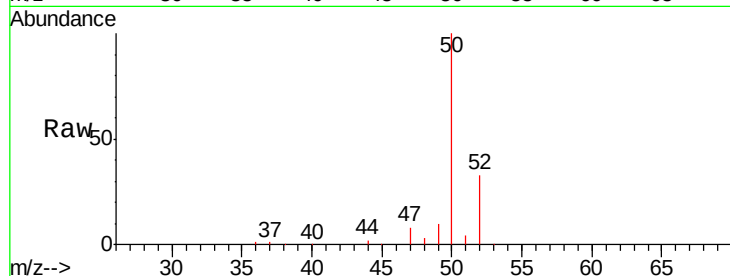
VSTDCCC050EC

Tgt Ion: 50 Resp: 482935

Ion Ratio Lower Upper

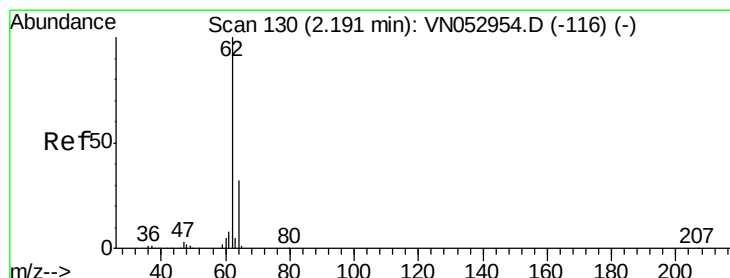
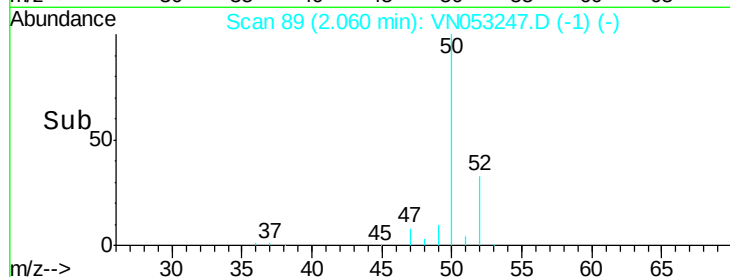
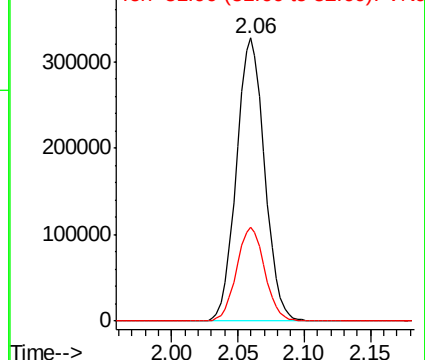
50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.503 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053247.D

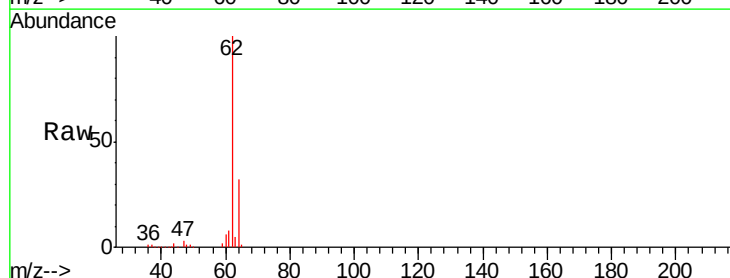
Acq: 2 Jan 2019 17:07

Tgt Ion: 62 Resp: 497975

Ion Ratio Lower Upper

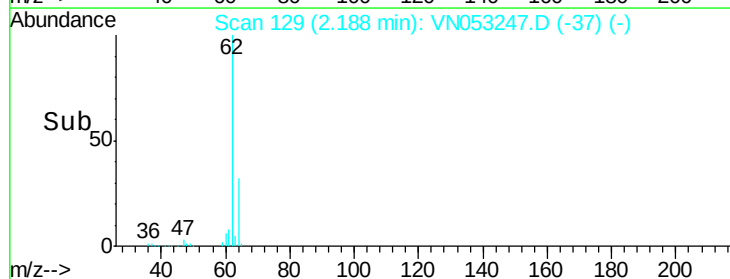
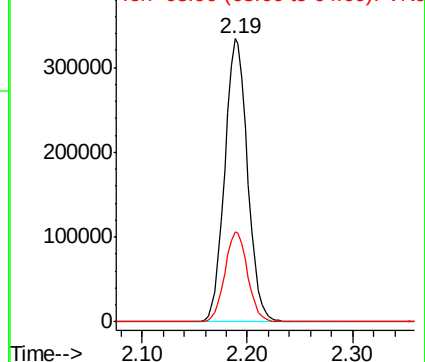
62 100

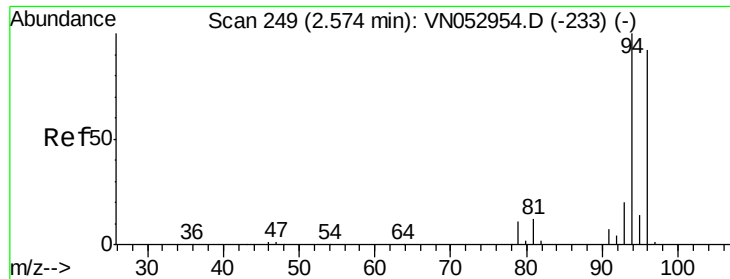
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

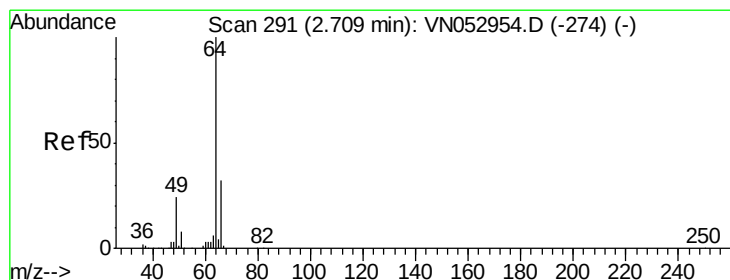
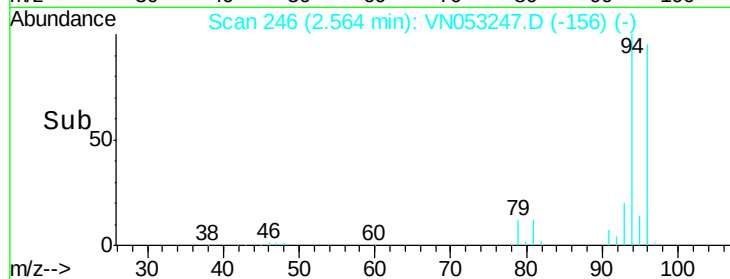
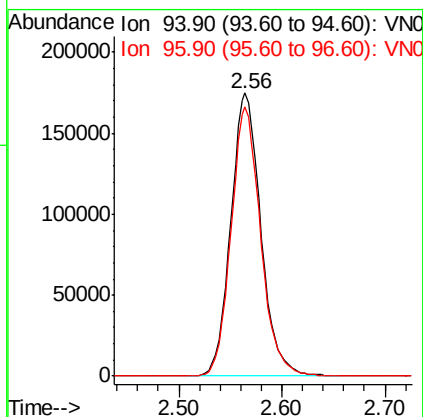
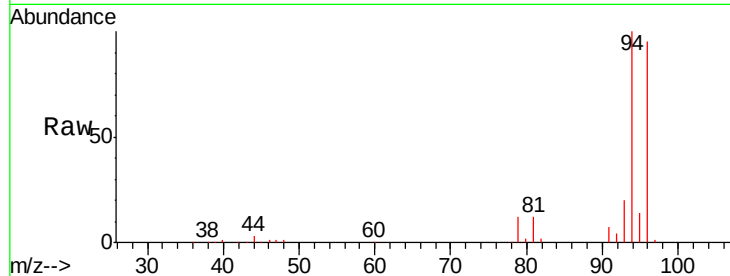




#5
Bromomethane
Concen: 47.804 ug/l
RT: 2.56 min Scan# 246
Delta R.T. -0.01 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

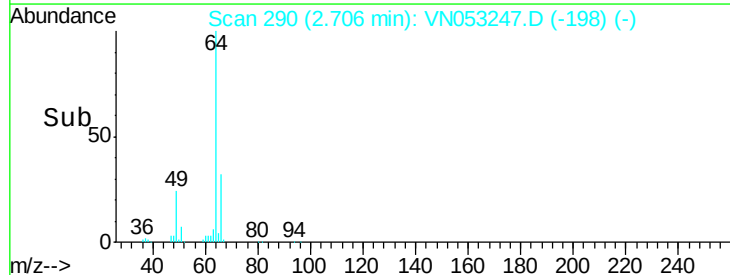
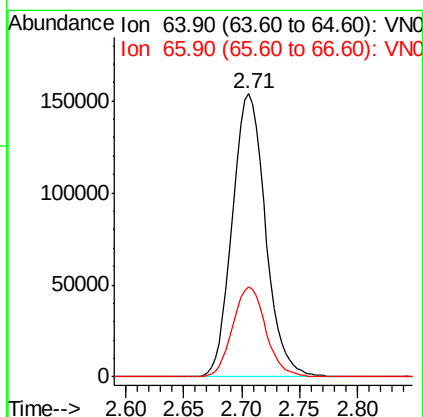
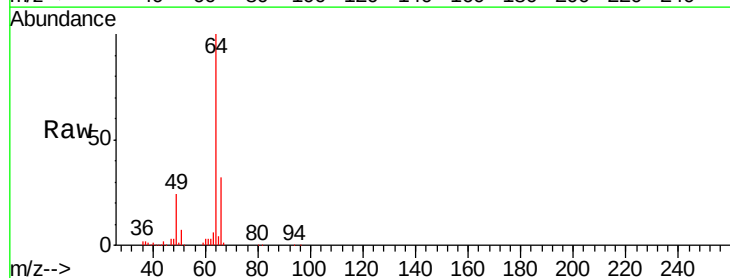
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

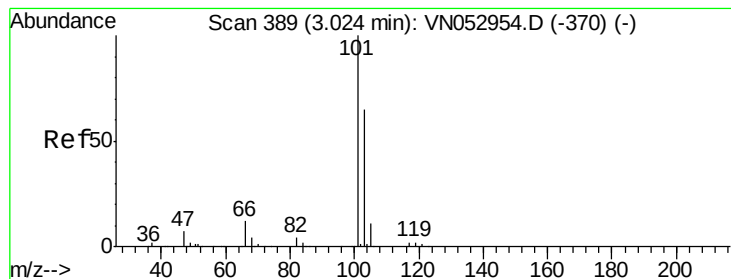
Tgt Ion: 94 Resp: 354664
Ion Ratio Lower Upper
94 100
96 95.3 75.0 112.4



#6
Chloroethane
Concen: 48.144 ug/l
RT: 2.71 min Scan# 290
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 64 Resp: 305334
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.2



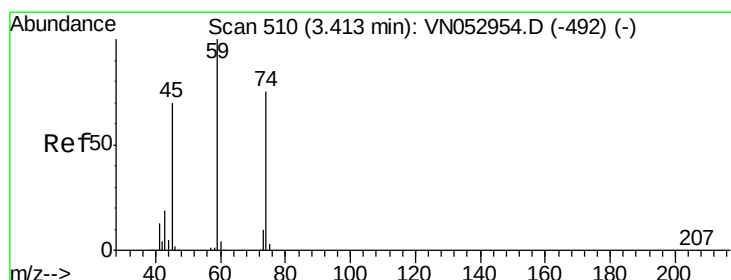
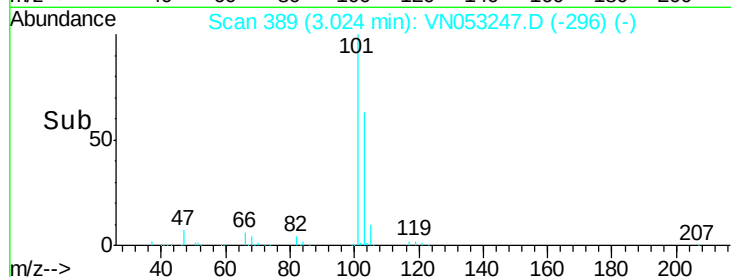
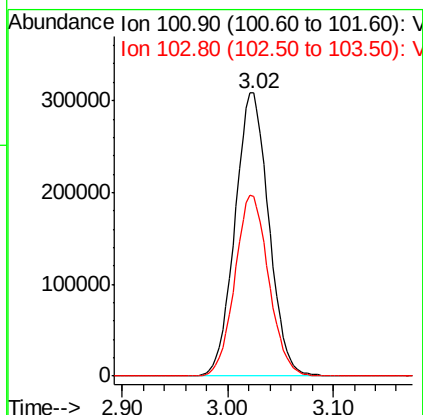
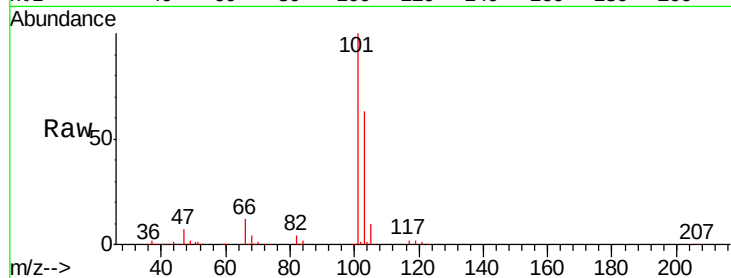


#7

Trichlorofluoromethane
 Concen: 51.483 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

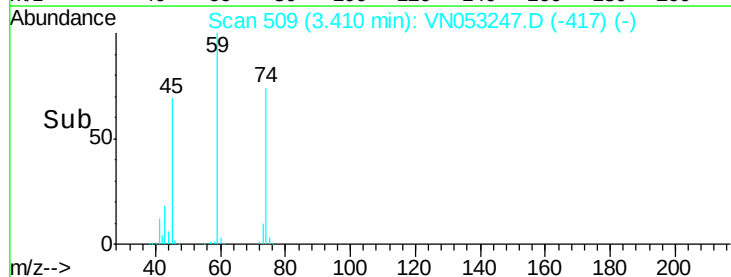
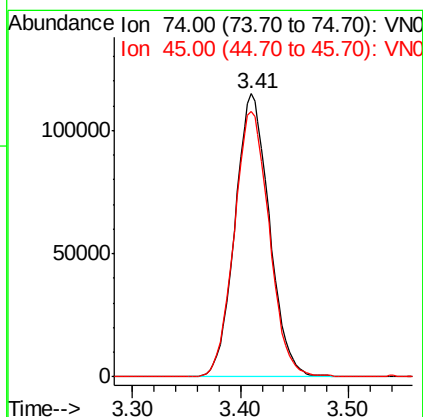
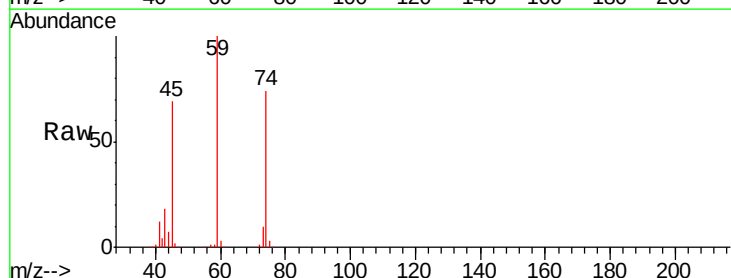
Tgt Ion:101 Resp: 686782
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

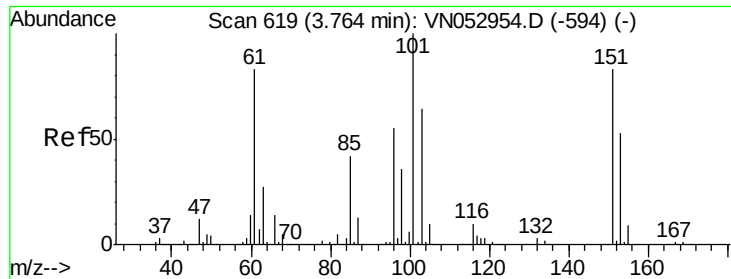


#8

Diethyl Ether
 Concen: 50.654 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 74 Resp: 254922
 Ion Ratio Lower Upper
 74 100
 45 96.0 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.629 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

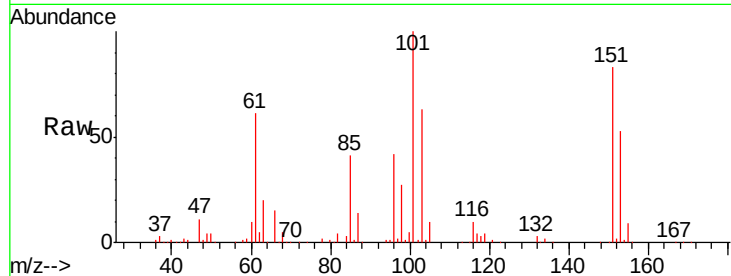
Tgt Ion:101 Resp: 456141

Ion Ratio Lower Upper

101 100

85 41.2 33.6 50.4

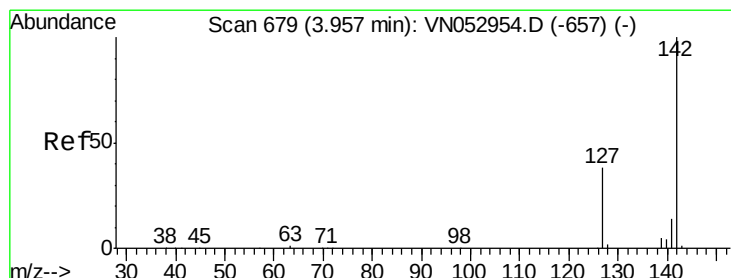
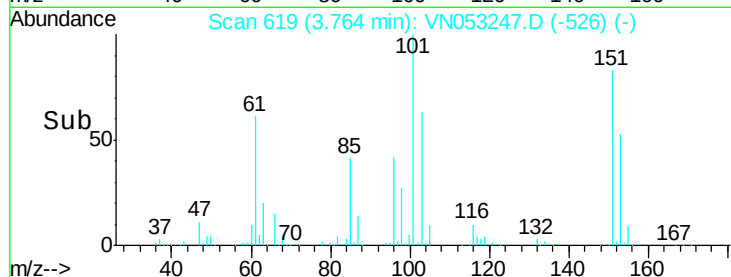
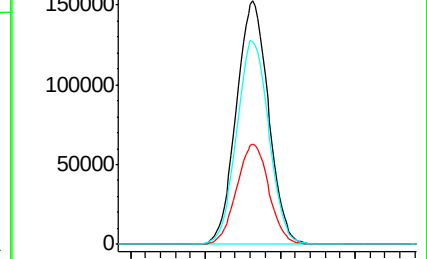
151 83.7 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.029 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

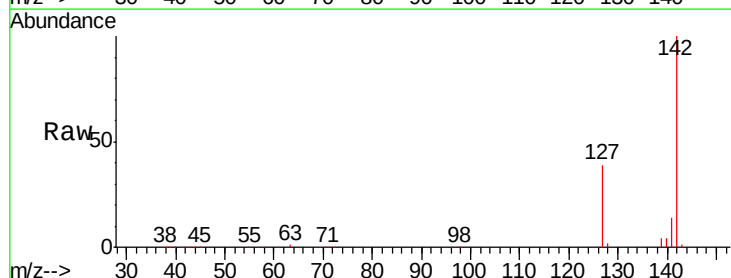
Tgt Ion:142 Resp: 597573

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.6

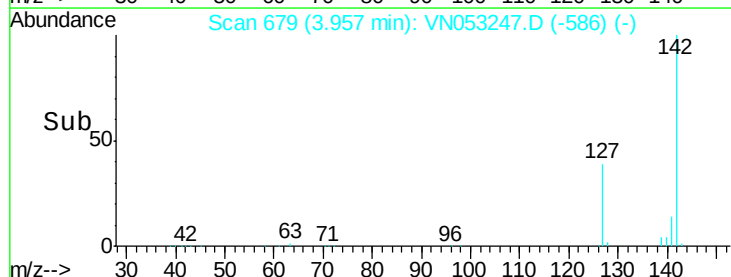
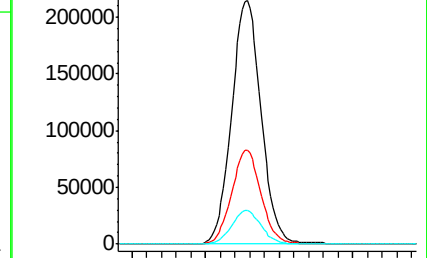
141 13.8 11.2 16.8

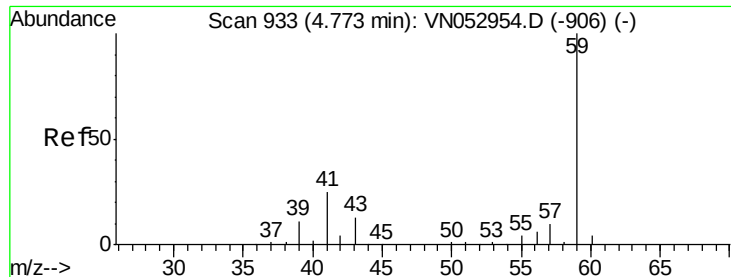


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



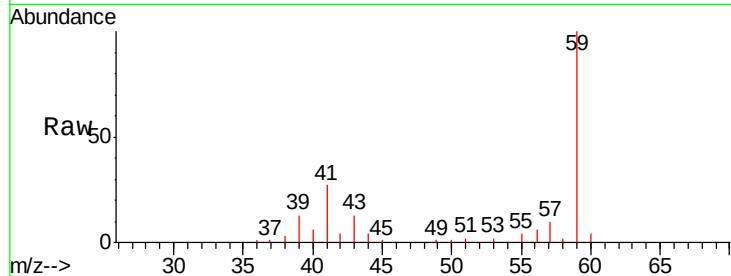


#11

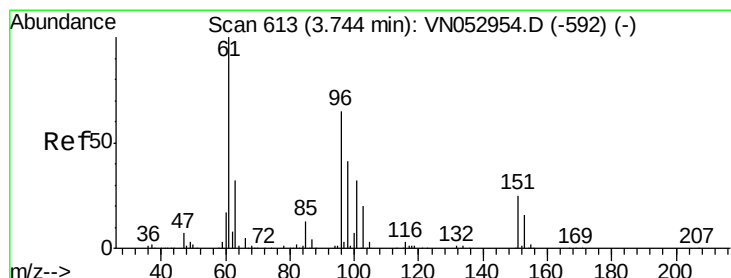
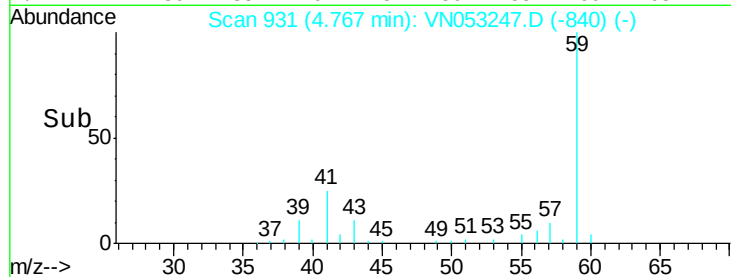
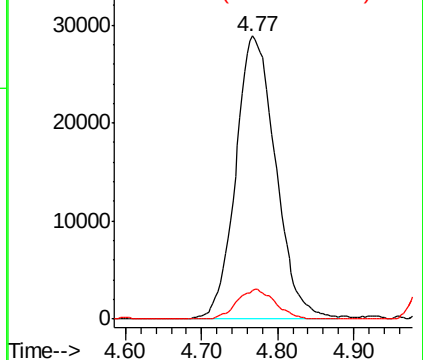
Tert butyl alcohol
 Concen: 197.366 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 59 Resp: 105361
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.7 11.5



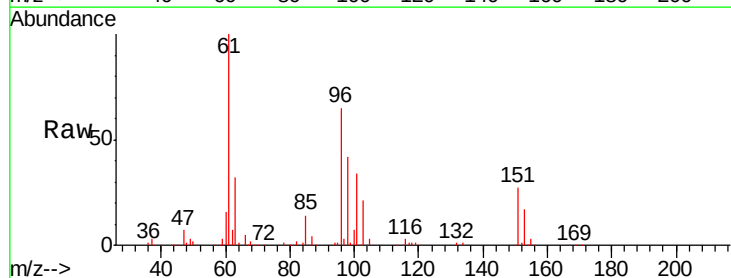
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



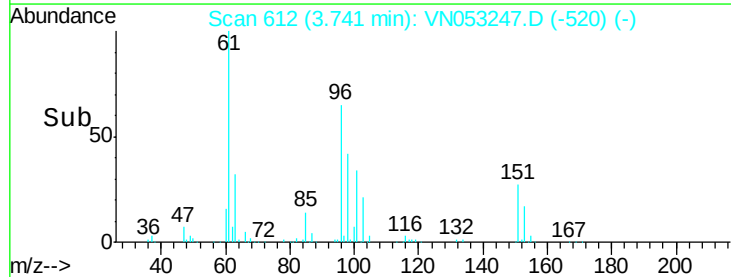
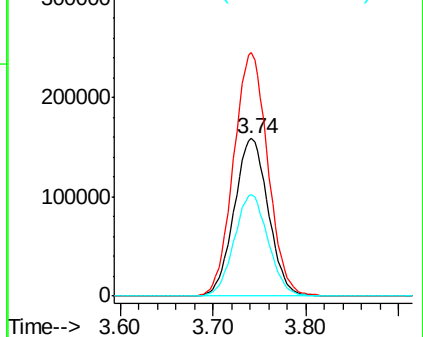
#12

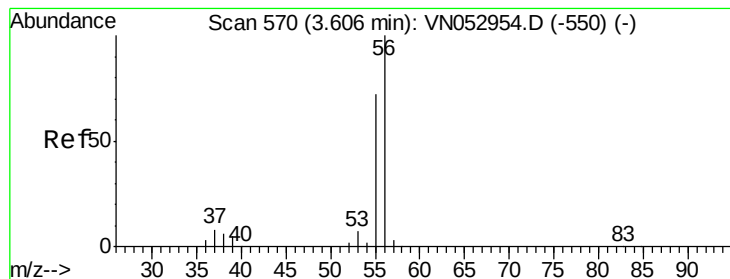
1,1-Dichloroethene
 Concen: 49.443 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 96 Resp: 406292
 Ion Ratio Lower Upper
 96 100
 61 154.8 125.6 188.4
 98 64.5 50.6 75.8



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





#13

Acrolein

Concen: 257.543 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

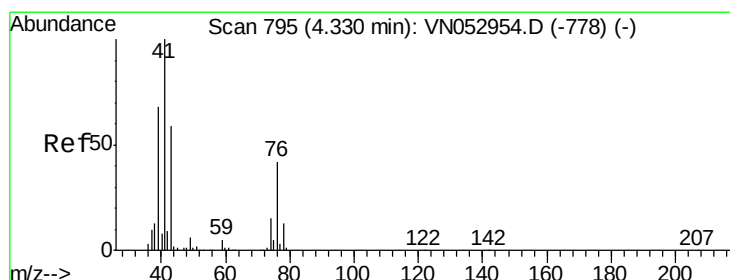
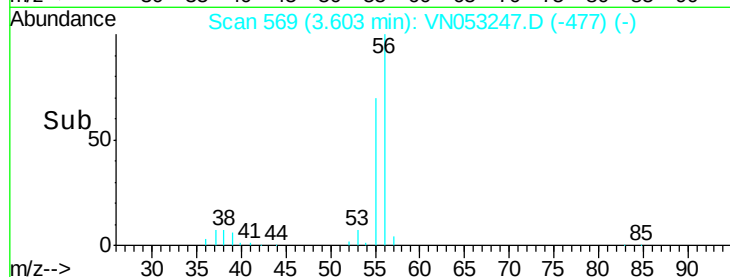
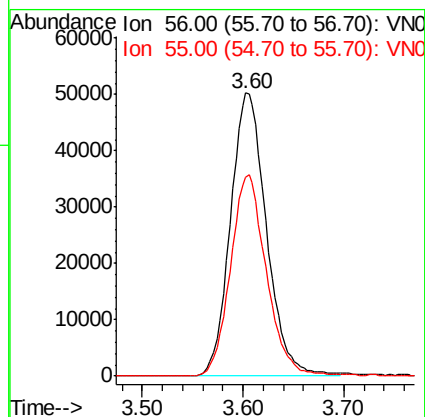
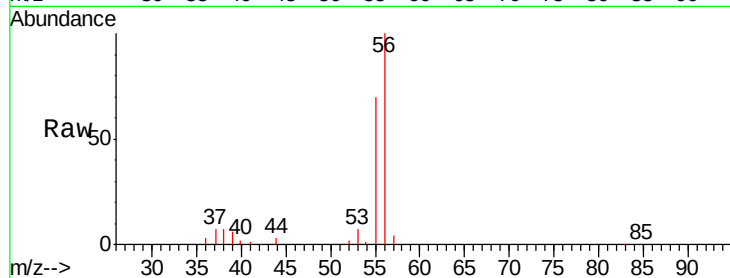
VSTDCCC050EC

Tgt Ion: 56 Resp: 124664

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



#14

Allyl chloride

Concen: 50.874 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

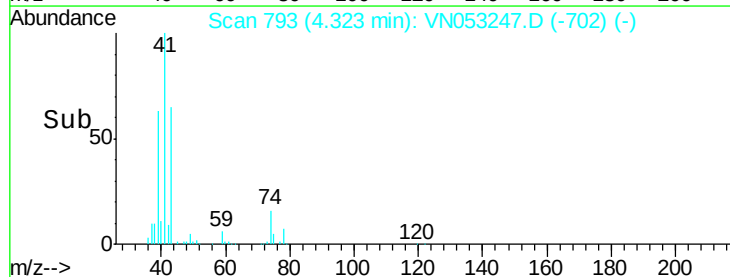
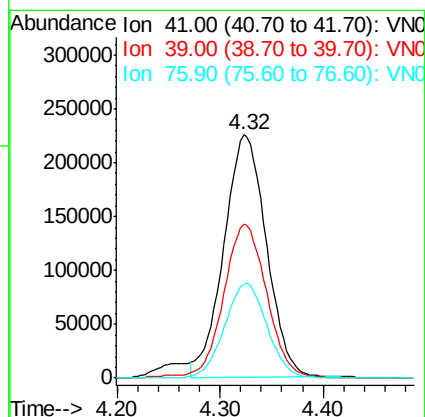
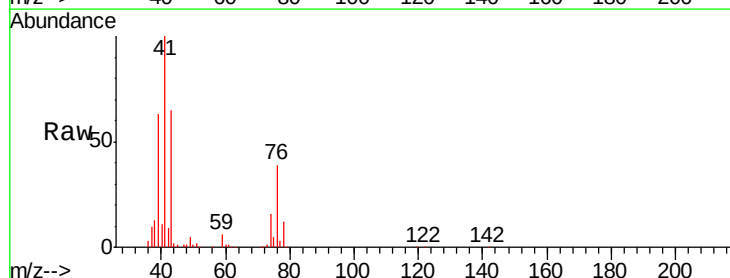
Tgt Ion: 41 Resp: 647540

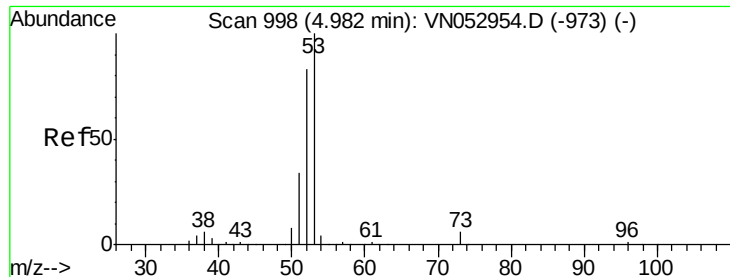
Ion Ratio Lower Upper

41 100

39 64.8 54.1 81.1

76 38.6 30.3 45.5





#15

Acrylonitrile

Concen: 250.895 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

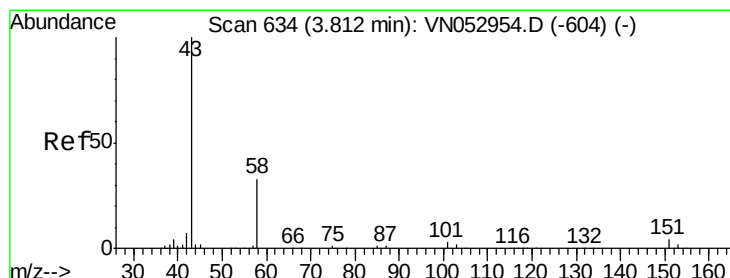
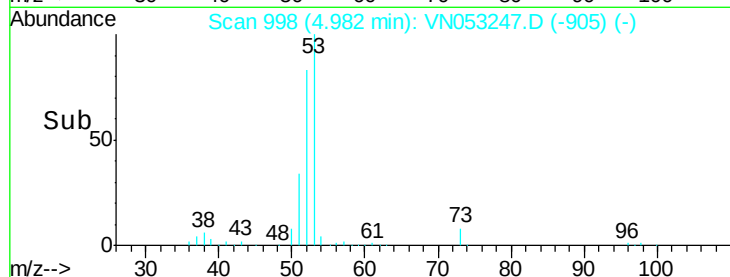
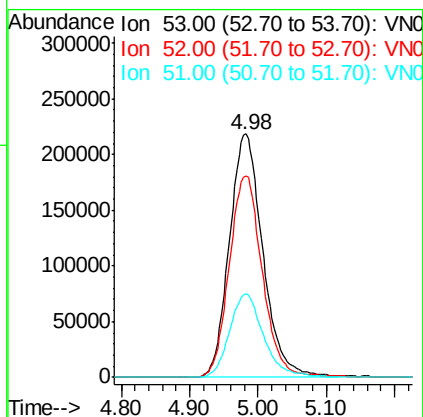
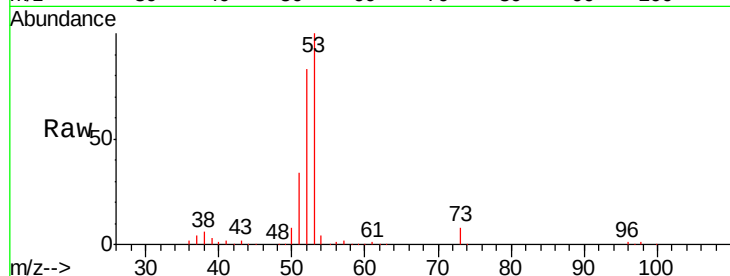
Tgt Ion: 53 Resp: 744086

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

51 35.2 28.1 42.1



#16

Acetone

Concen: 295.504 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053247.D

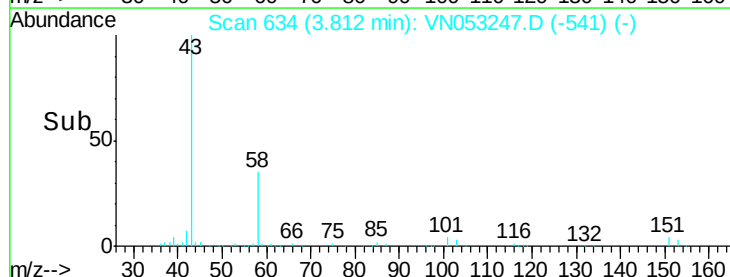
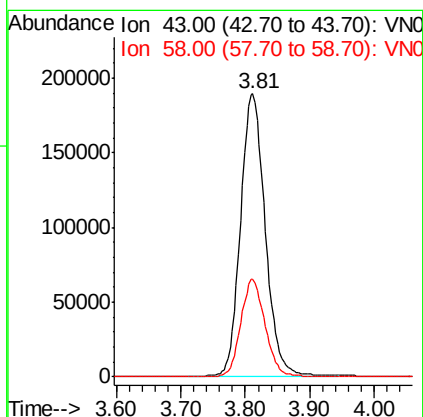
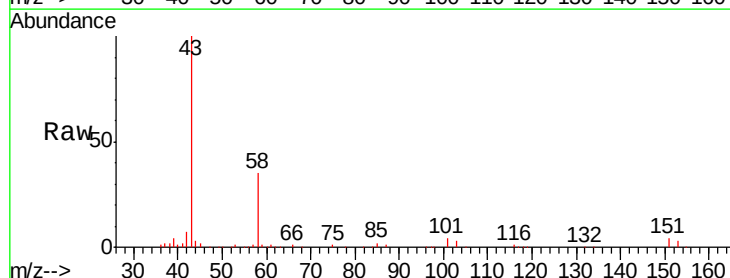
Acq: 2 Jan 2019 17:07

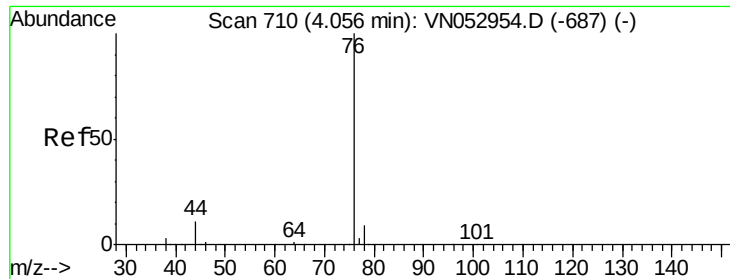
Tgt Ion: 43 Resp: 506915

Ion Ratio Lower Upper

43 100

58 34.6 25.4 38.0





#17

Carbon Disulfide

Concen: 39.839 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

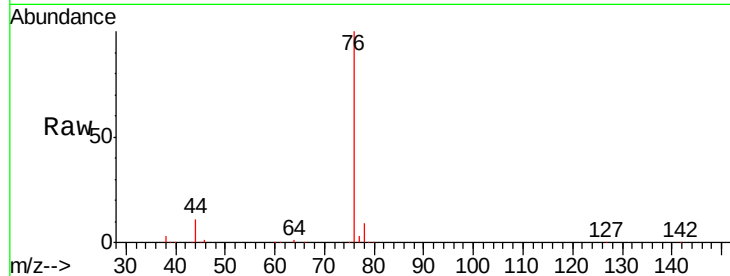
VSTDCCC050EC

Tgt Ion: 76 Resp: 1067622

Ion Ratio Lower Upper

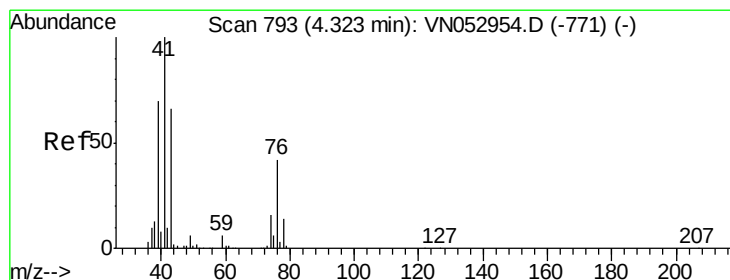
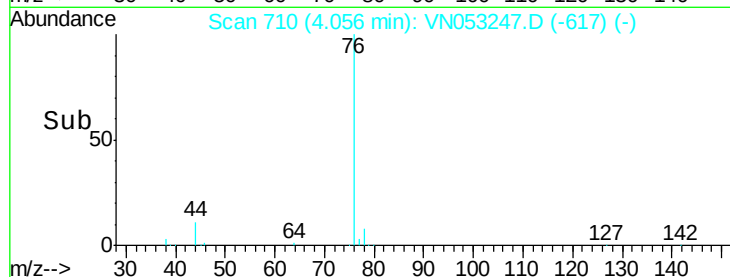
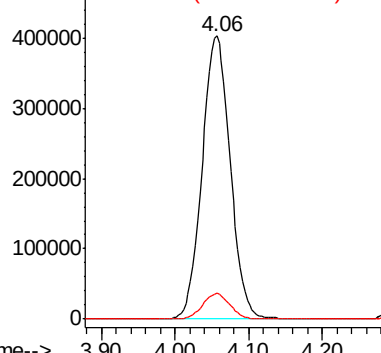
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 54.988 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN053247.D

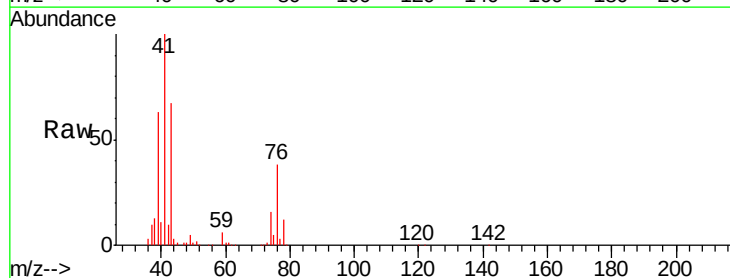
Acq: 2 Jan 2019 17:07

Tgt Ion: 43 Resp: 428910

Ion Ratio Lower Upper

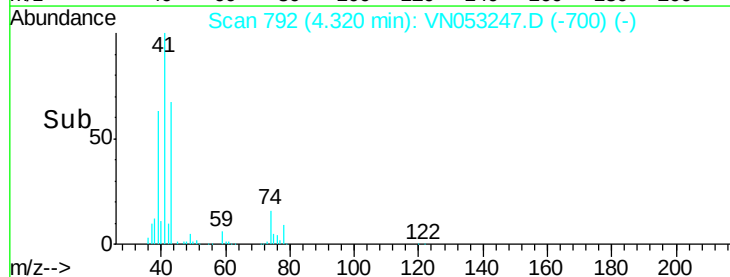
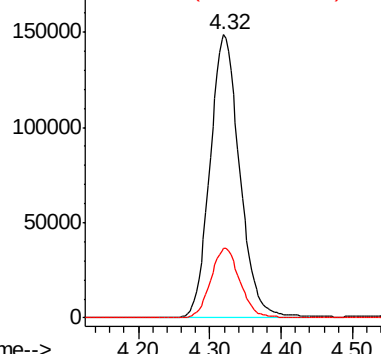
43 100

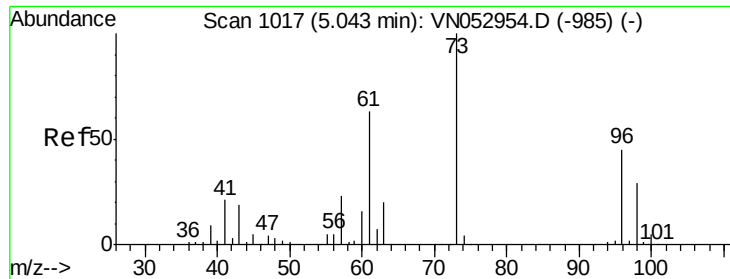
74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

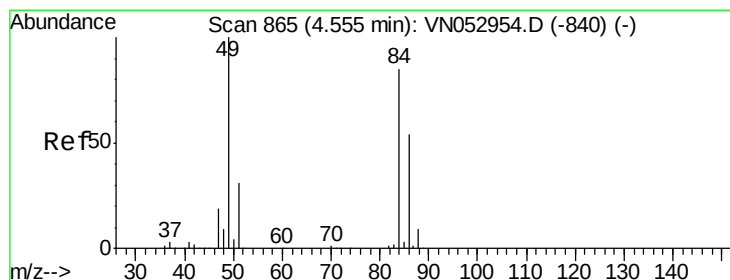
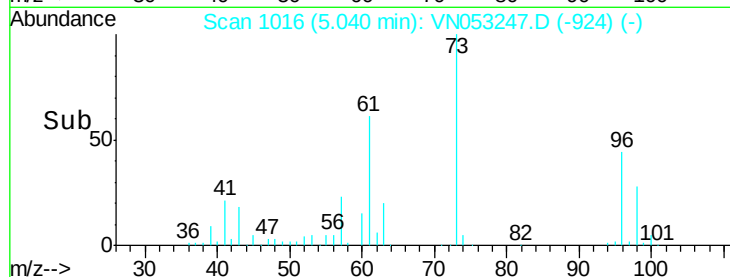
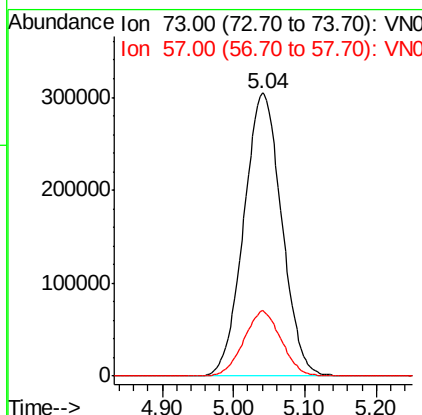
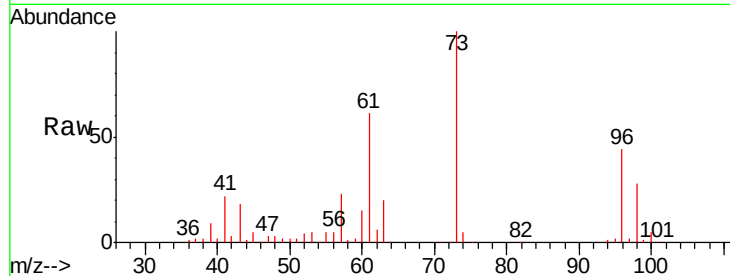




#19
Methyl tert-butyl Ether
Concen: 51.126 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

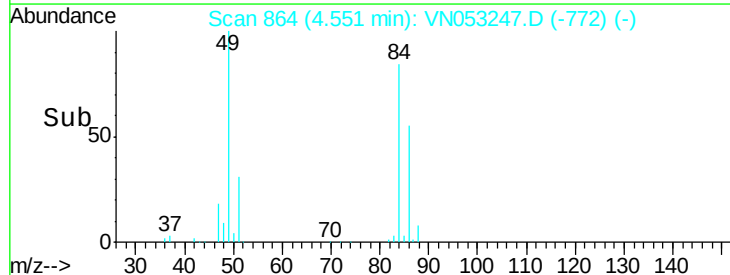
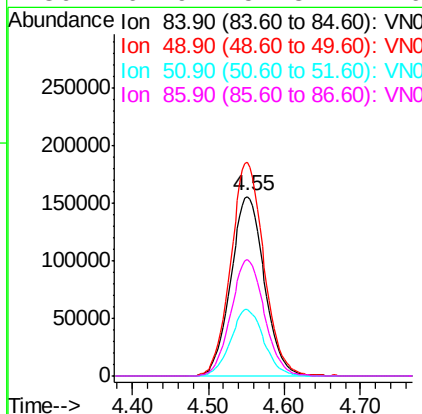
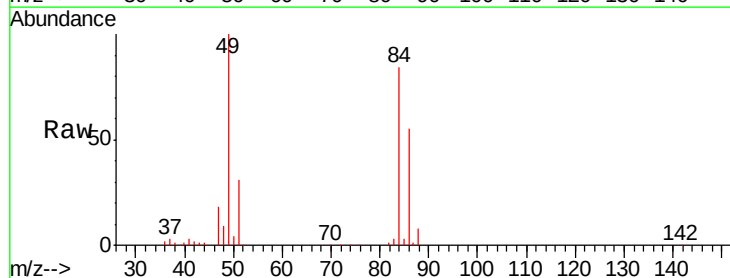
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

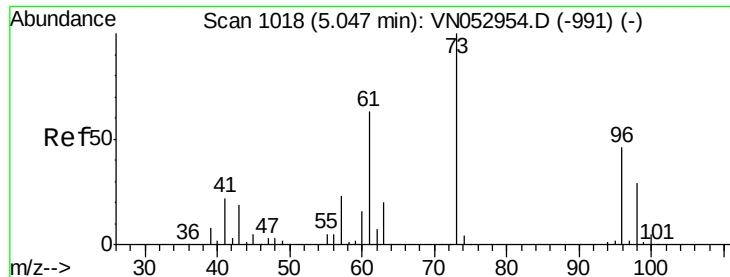
Tgt Ion: 73 Resp: 1124267
Ion Ratio Lower Upper
73 100
57 23.1 18.4 27.6



#20
Methylene Chloride
Concen: 50.985 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 84 Resp: 477084
Ion Ratio Lower Upper
84 100
49 118.9 96.8 145.2
51 36.9 29.9 44.9
86 64.9 51.8 77.6

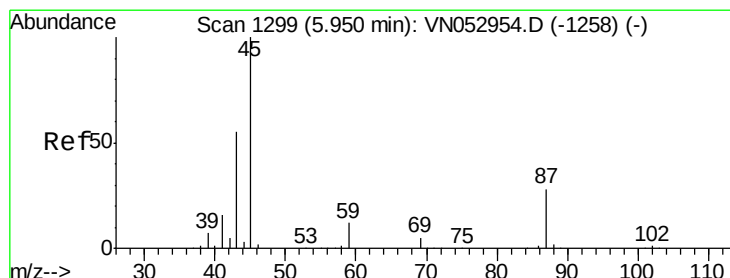
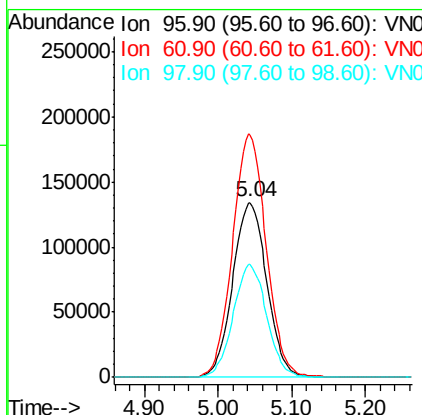
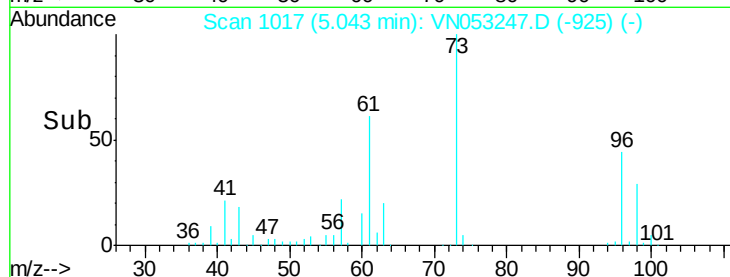
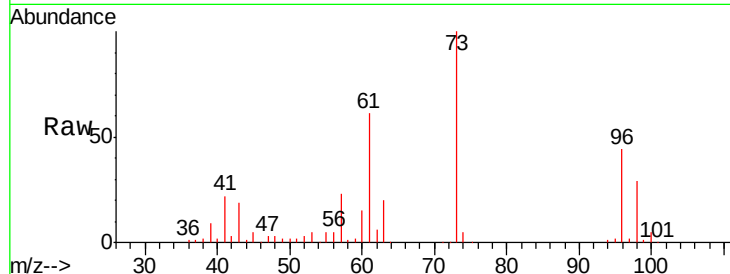




#21
trans-1,2-Dichloroethene
Concen: 49.022 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

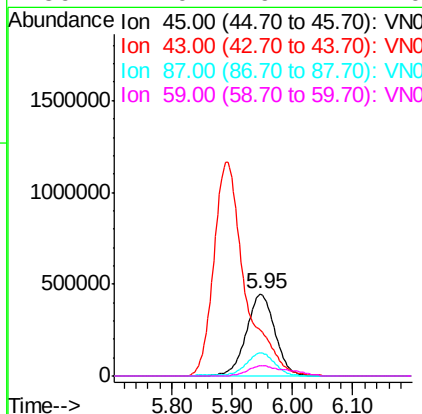
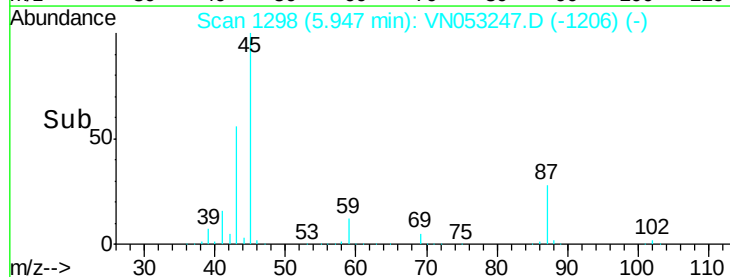
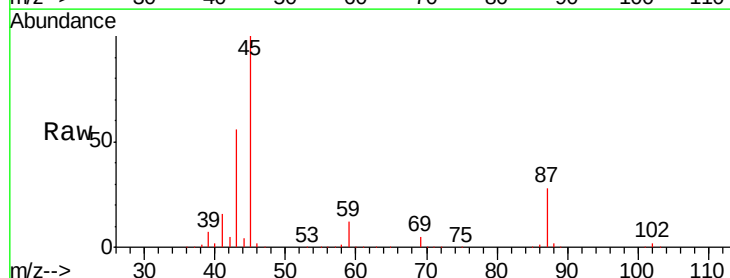
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

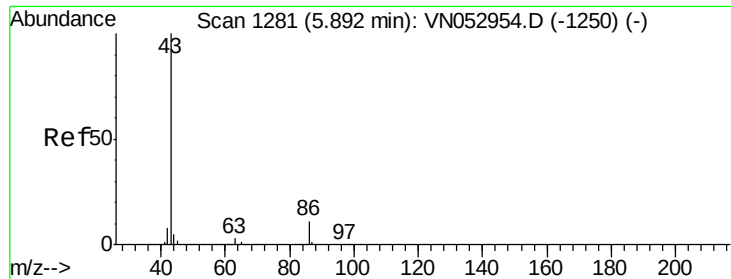
Tgt Ion: 96 Resp: 432805
Ion Ratio Lower Upper
96 100
61 139.0 110.8 166.2
98 64.6 51.4 77.2



#22
Diisopropyl ether
Concen: 54.763 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 45 Resp: 1487849
Ion Ratio Lower Upper
45 100
43 55.1 45.5 68.3
87 28.2 22.0 33.0
59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 265.573 ug/l

RT: 5.89 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

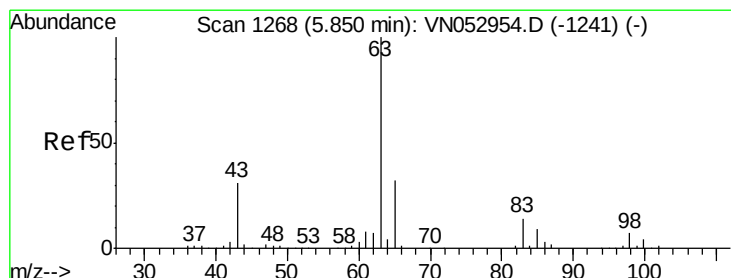
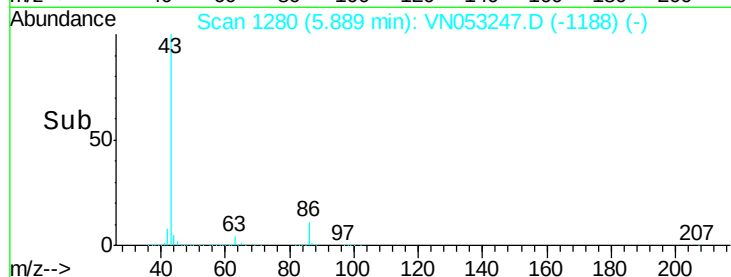
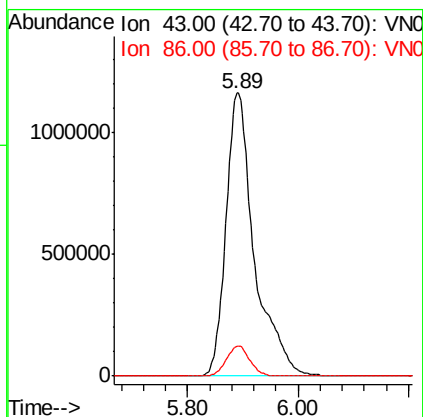
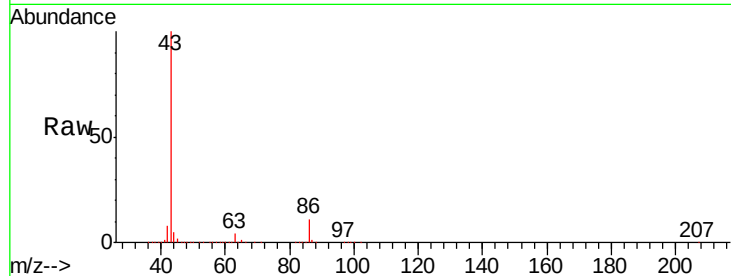
VSTDCCC050EC

Tgt Ion: 43 Resp: 4149028

Ion Ratio Lower Upper

43 100

86 10.6 8.1 12.1



#24

1,1-Dichloroethane

Concen: 52.874 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

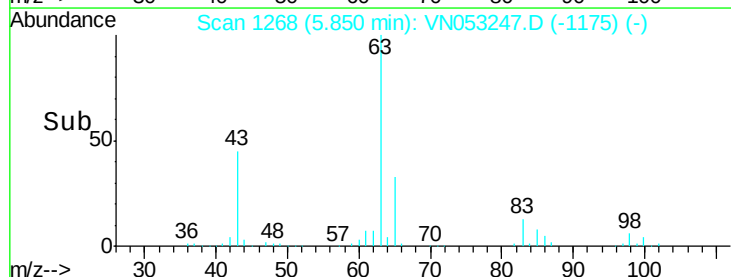
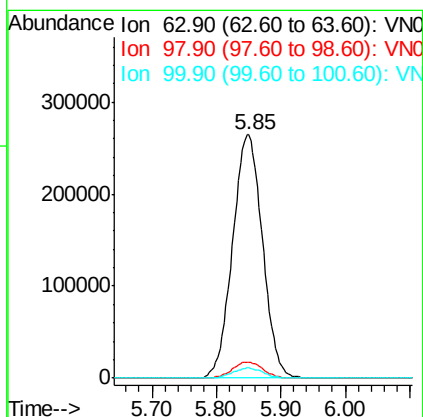
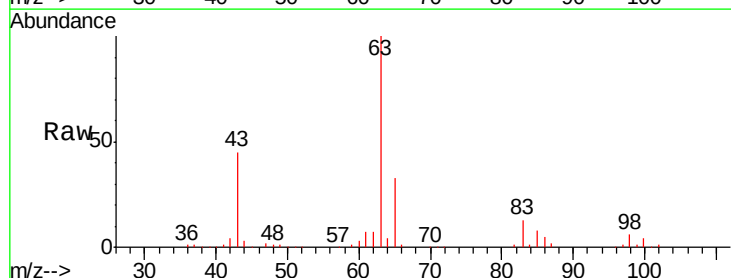
Tgt Ion: 63 Resp: 853632

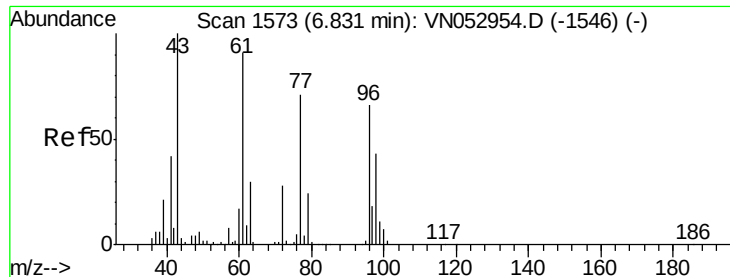
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.2 2.0 5.8

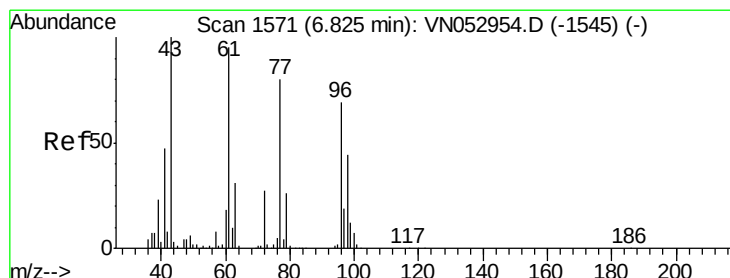
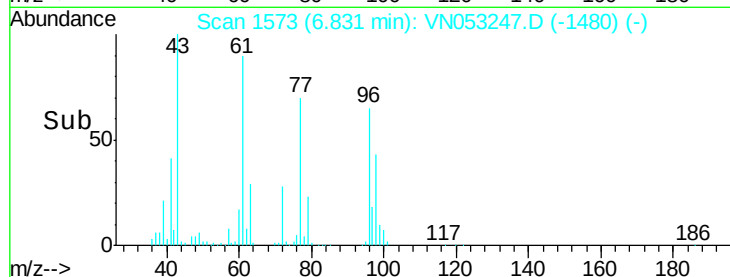
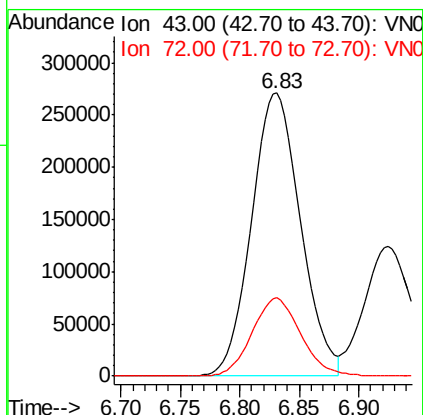
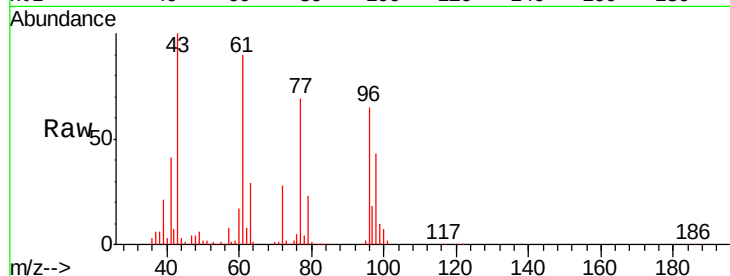




#25
 2-Butanone
 Concen: 268.430 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

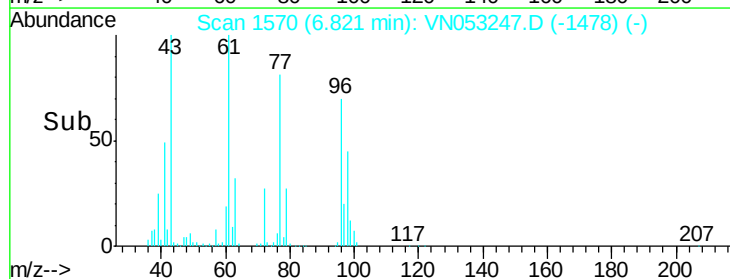
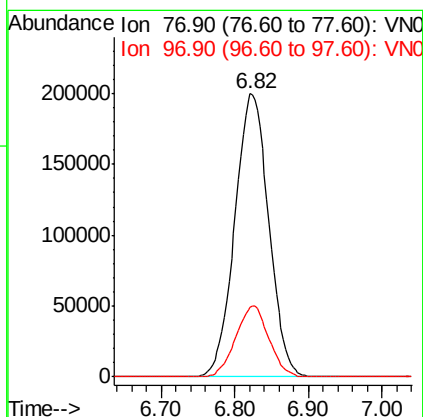
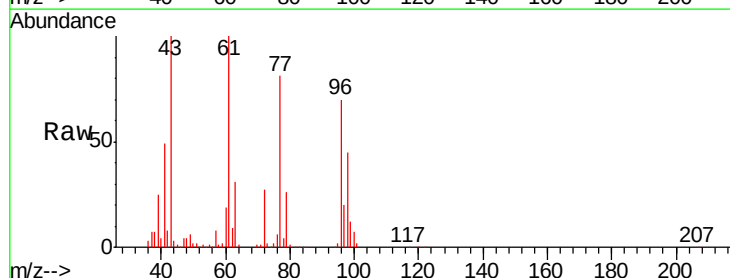
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

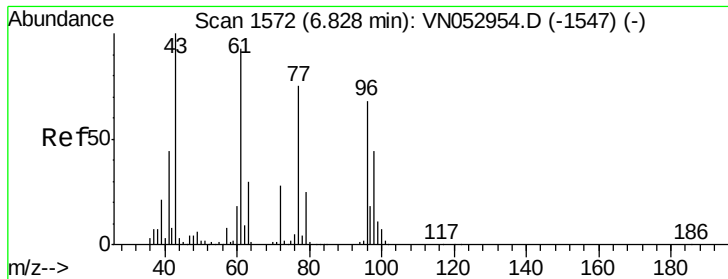
Tgt Ion: 43 Resp: 772784
 Ion Ratio Lower Upper
 43 100
 72 27.6 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 51.924 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 77 Resp: 639915
 Ion Ratio Lower Upper
 77 100
 97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.060 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

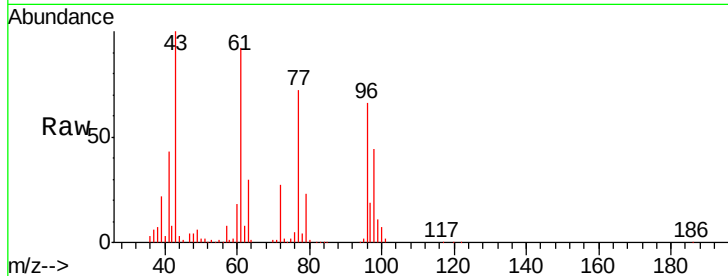
Tgt Ion: 96 Resp: 520346

Ion Ratio Lower Upper

96 100

61 141.7 0.0 284.2

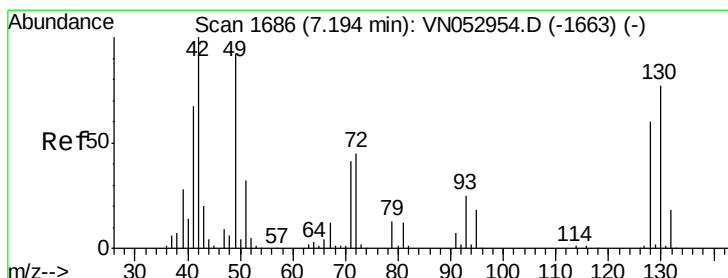
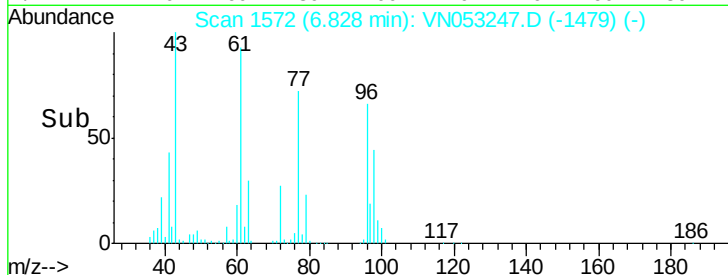
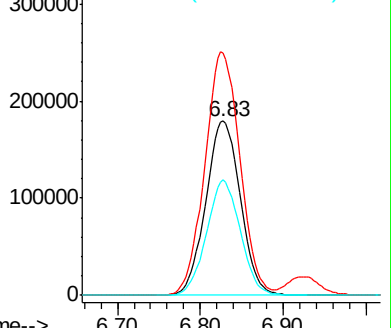
98 64.8 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053247.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053247.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053247.D (-1479) (-)



#28

Bromochloromethane

Concen: 53.302 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

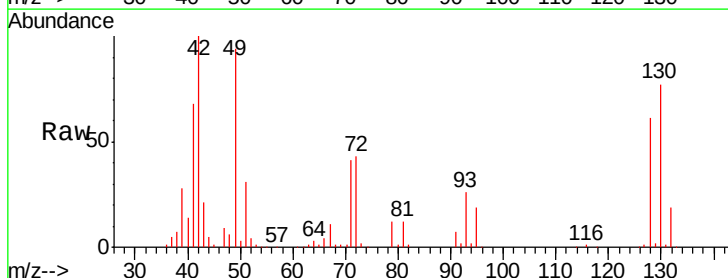
Tgt Ion: 49 Resp: 372888

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

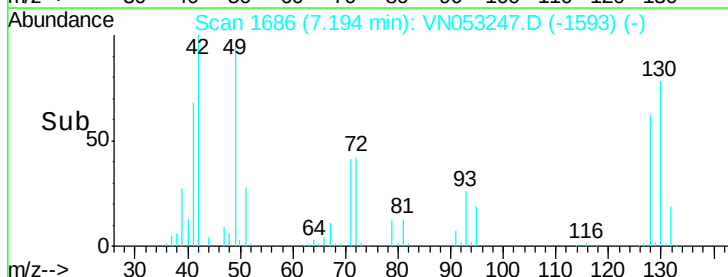
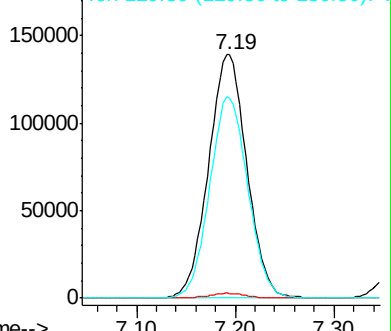
130 82.4 63.3 94.9

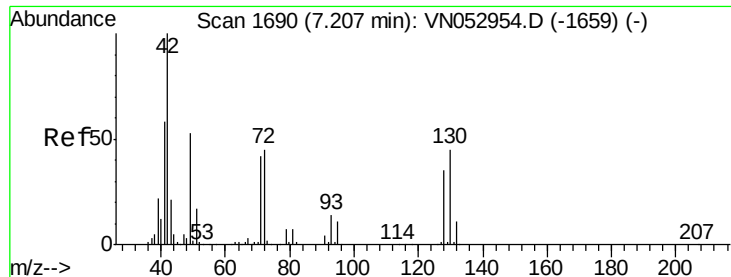


Abundance Ion 48.90 (48.60 to 49.60): VN053247.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053247.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053247.D (-1593) (-)

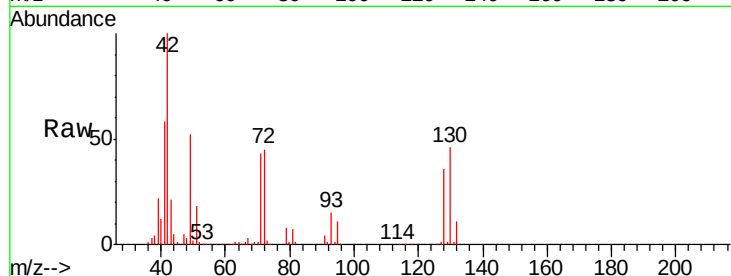




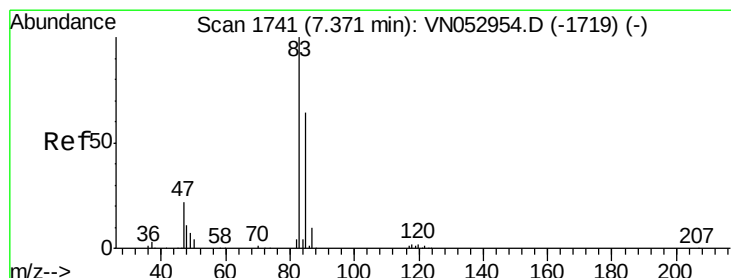
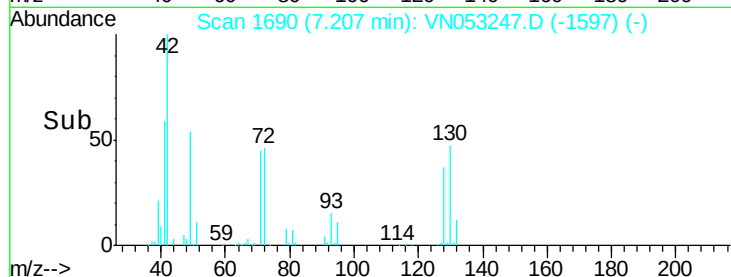
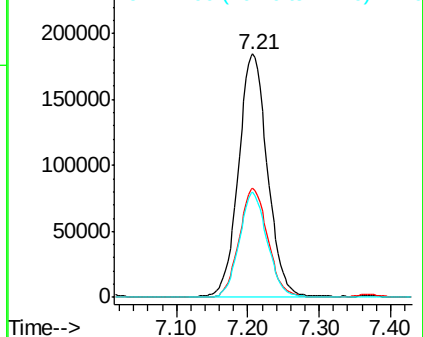
#29
Tetrahydrofuran
Concen: 242.560 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 521544
Ion Ratio Lower Upper
42 100
72 44.3 34.7 52.1
71 41.7 32.3 48.5

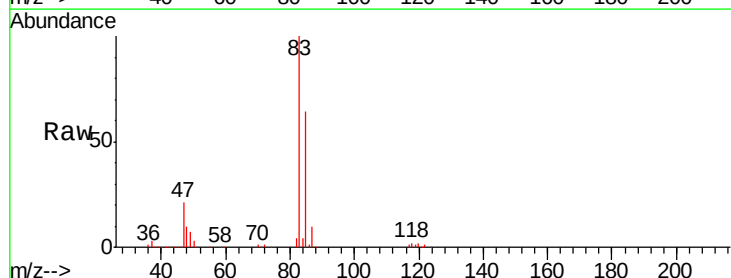


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

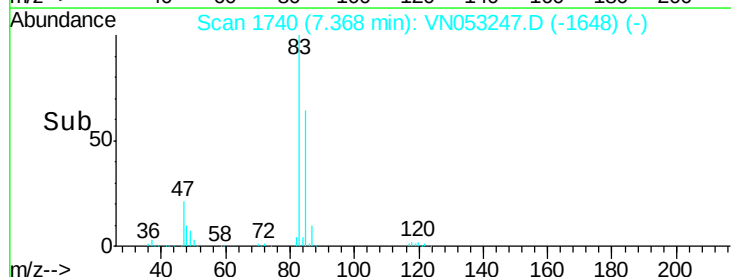
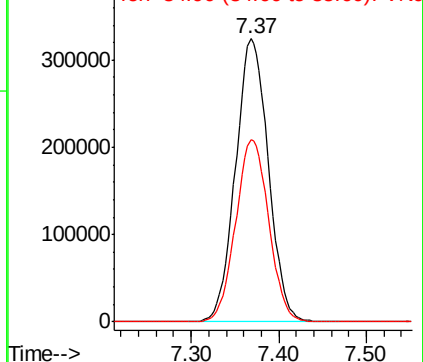


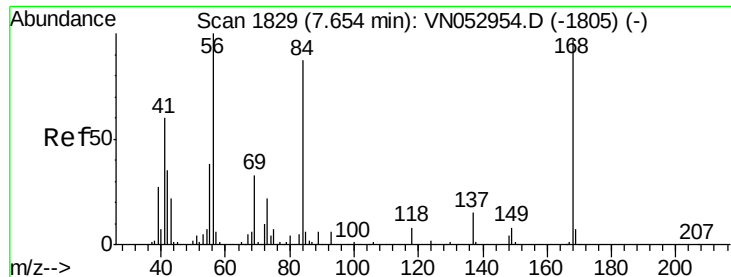
#30
Chloroform
Concen: 53.232 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 83 Resp: 844235
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

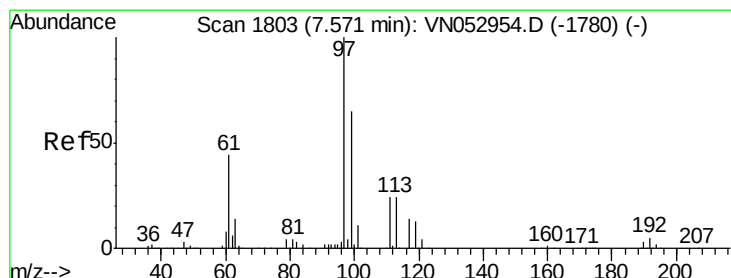
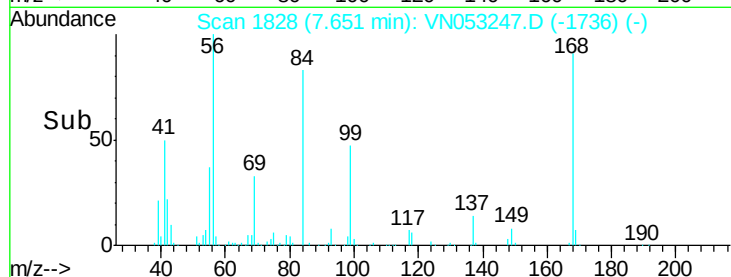
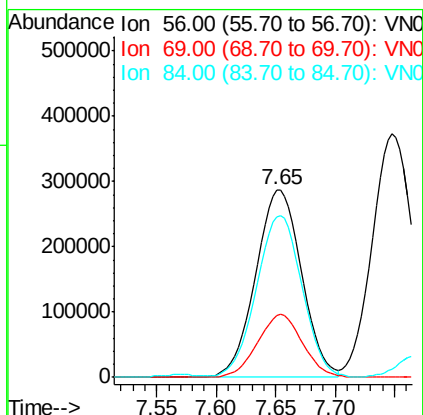
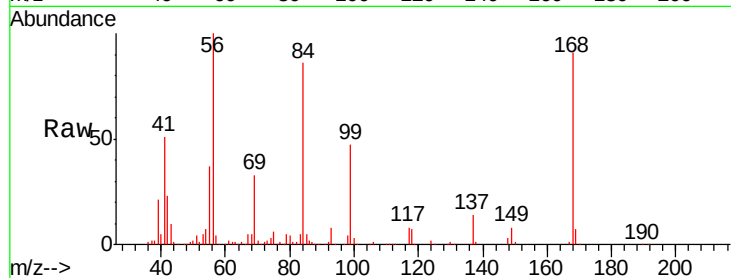




#31
Cyclohexane
Concen: 50.664 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

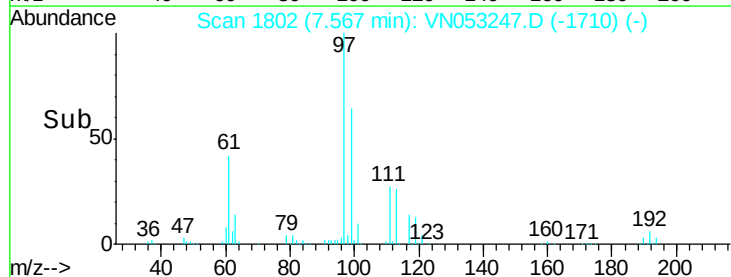
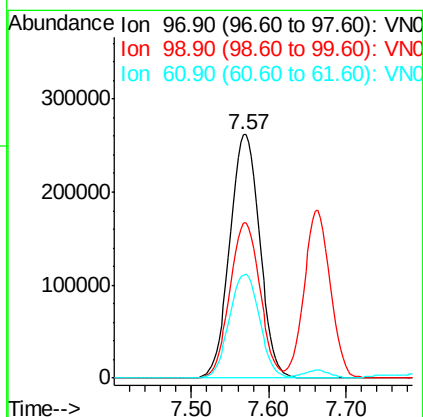
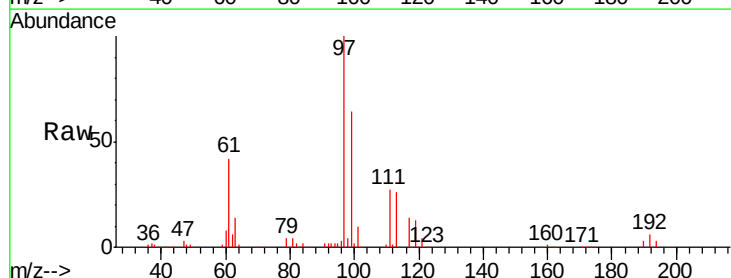
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

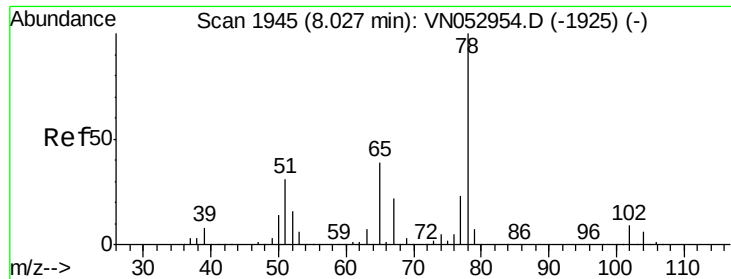
Tgt Ion: 56 Resp: 766921
Ion Ratio Lower Upper
56 100
69 33.0 26.6 39.8
84 84.4 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 52.011 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 97 Resp: 702685
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 43.2 35.0 52.6

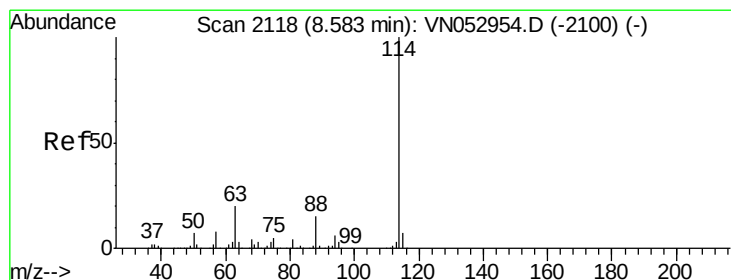
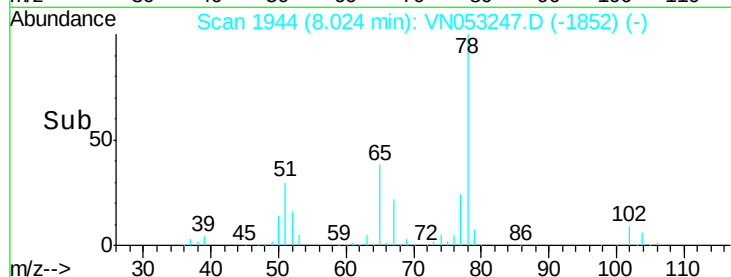
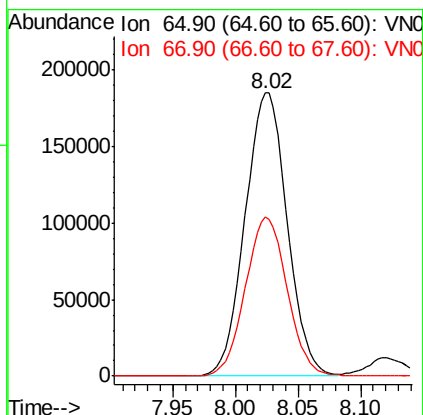
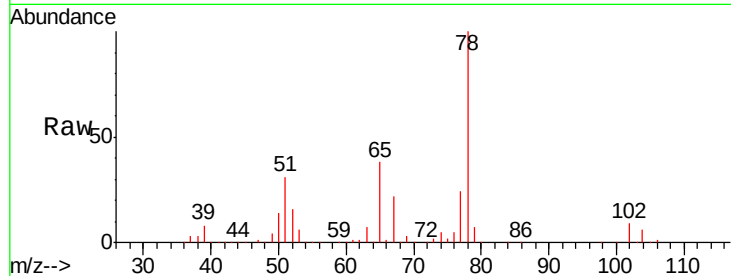




#33
 1,2-Dichloroethane-d4
 Concen: 52.011 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

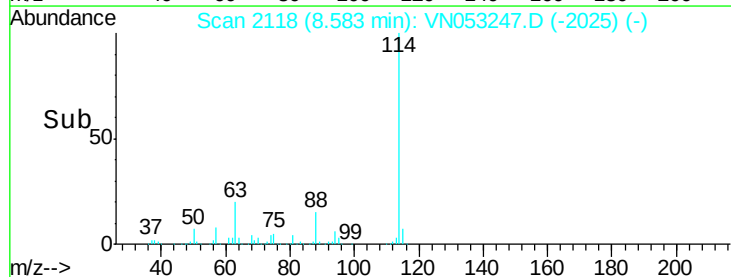
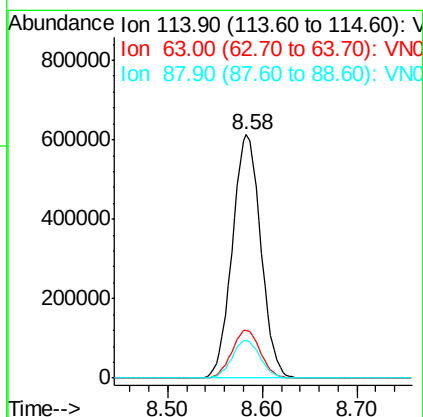
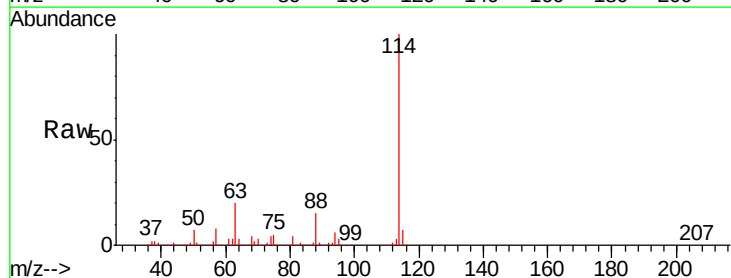
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

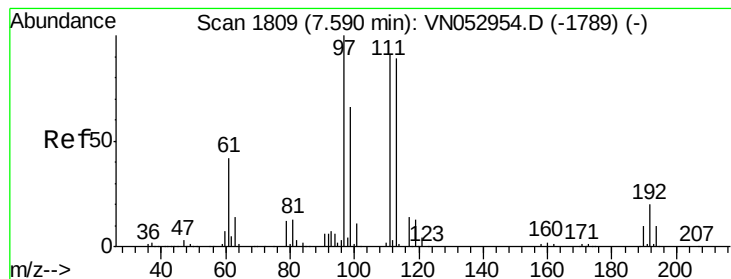
Tgt Ion: 65 Resp: 431684
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 114 Resp: 1279859
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

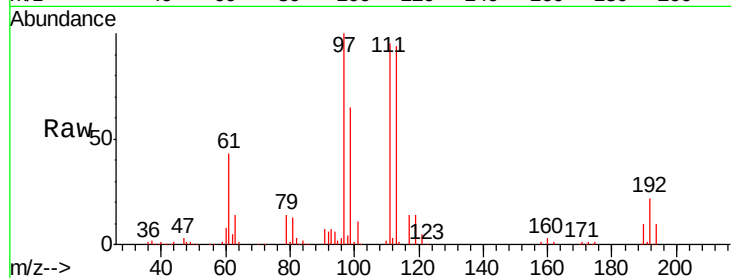
Tgt Ion:113 Resp: 378274

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

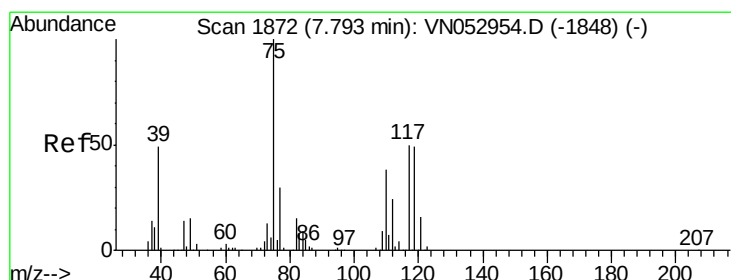
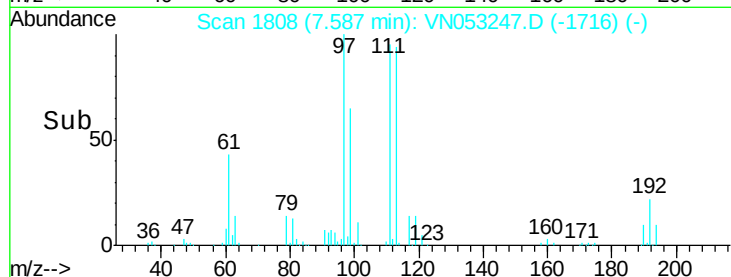
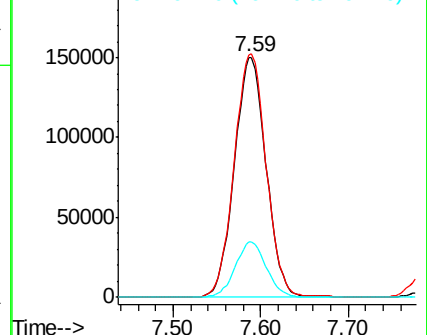
192 22.7 17.5 26.3



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: 52.278 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

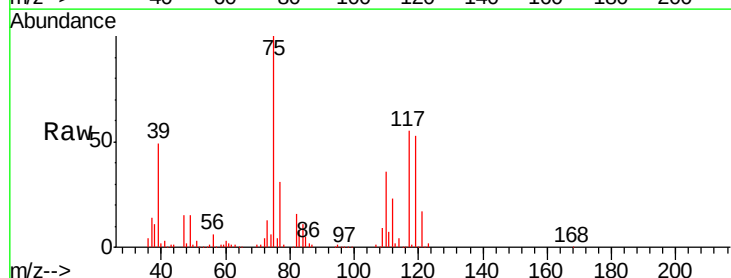
Tgt Ion: 75 Resp: 642201

Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

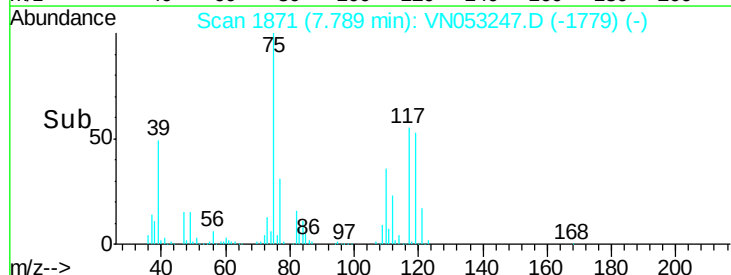
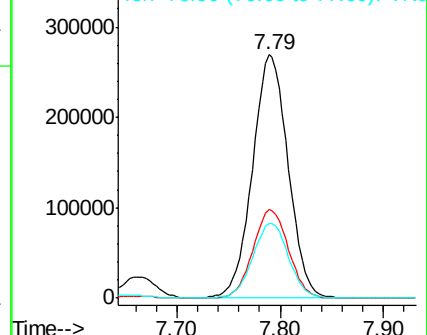
77 31.1 24.9 37.3

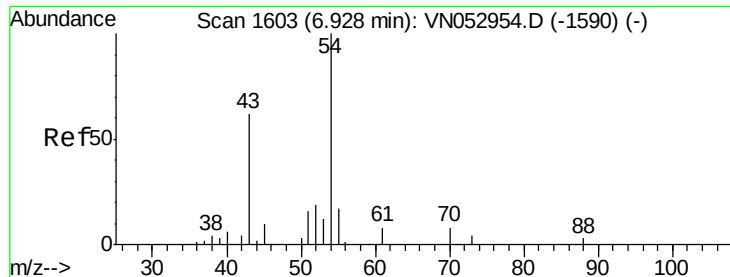


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

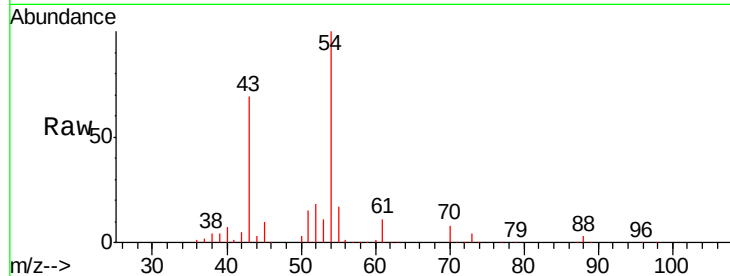




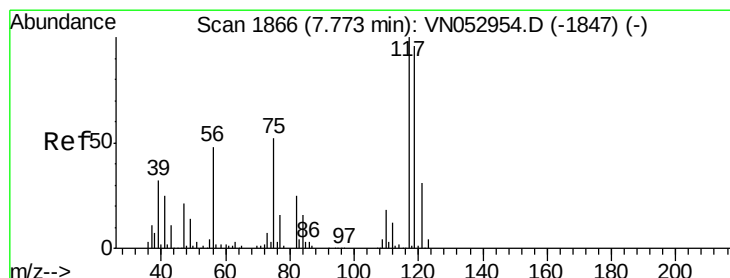
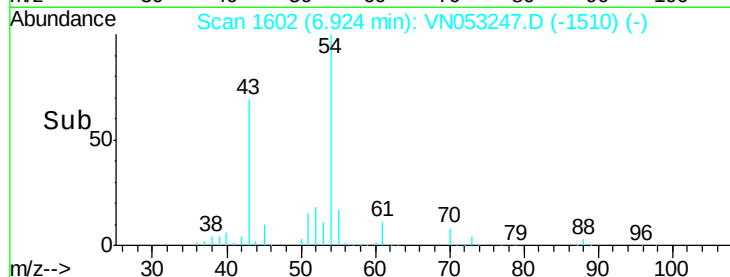
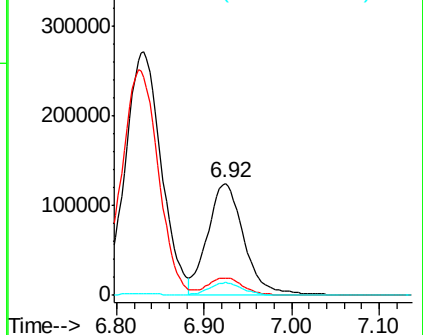
#37
Ethyl Acetate
 Concen: 51.744 ug/l
 RT: 6.92 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 354849
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.8 17.6
 70 10.7 8.4 12.6

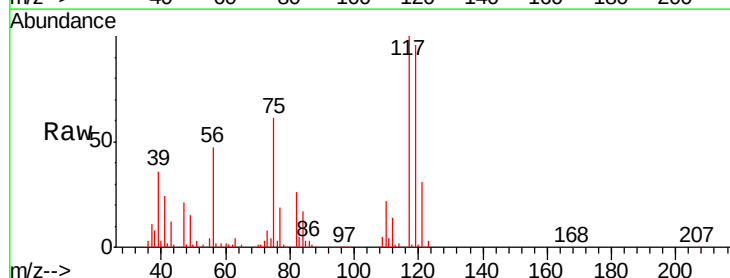


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

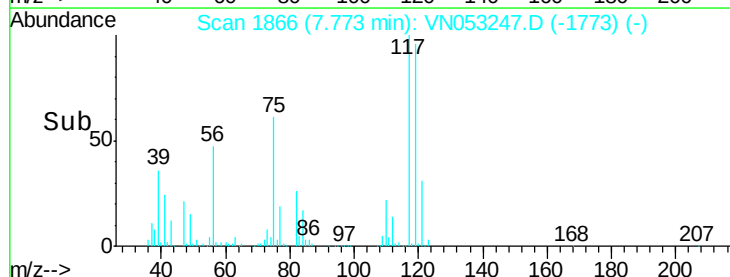
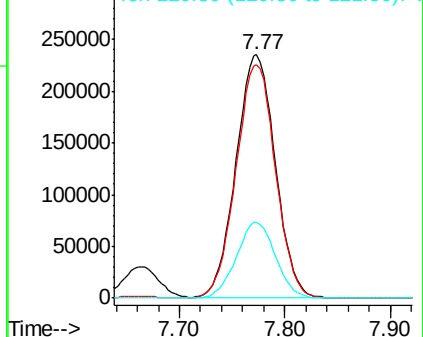


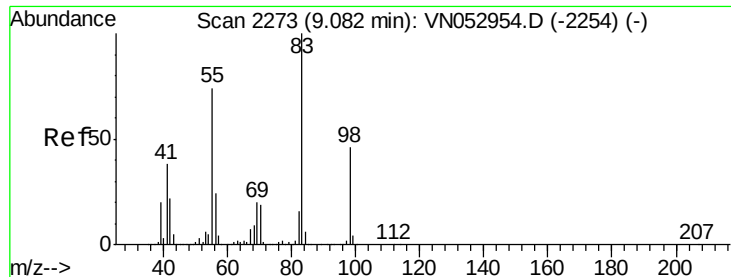
#38
Carbon Tetrachloride
 Concen: 53.967 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 117 Resp: 607657
 Ion Ratio Lower Upper
 117 100
 119 96.0 77.1 115.7
 121 31.3 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

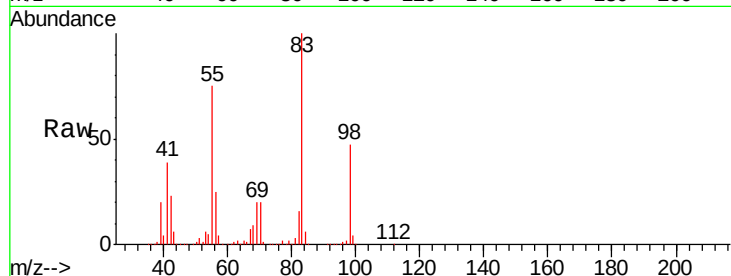




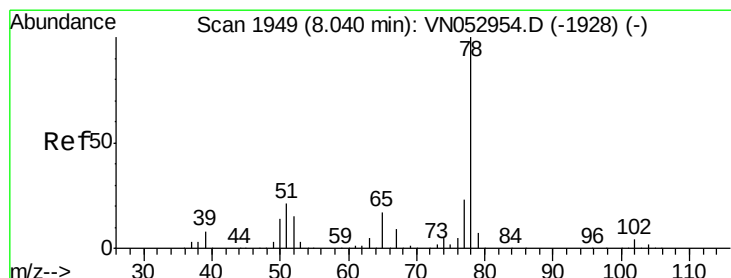
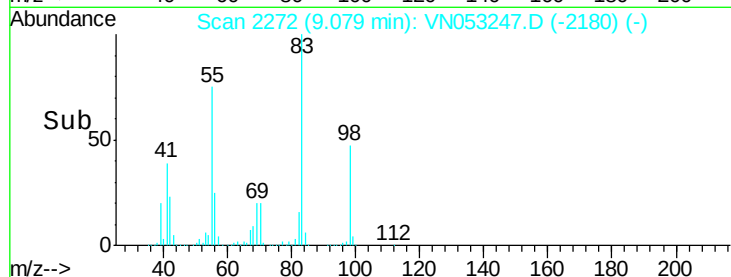
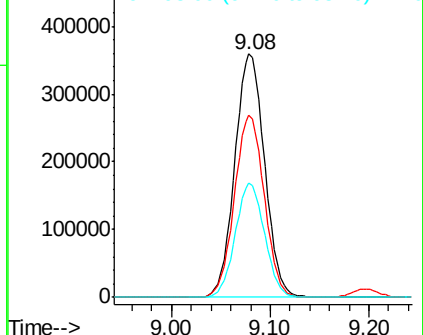
#39
Methylcyclohexane
Concen: 50.441 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 752743
Ion Ratio Lower Upper
83 100
55 74.6 61.3 91.9
98 46.8 37.0 55.4

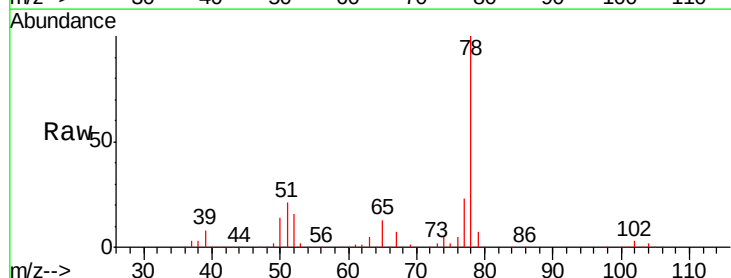


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

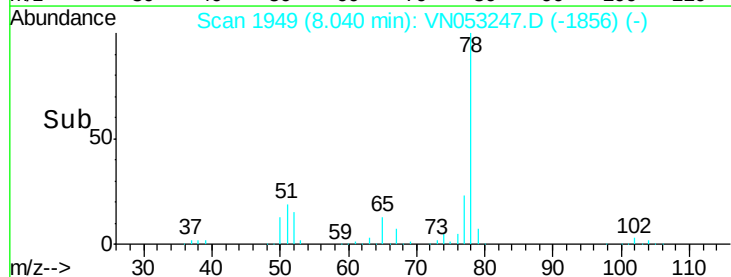
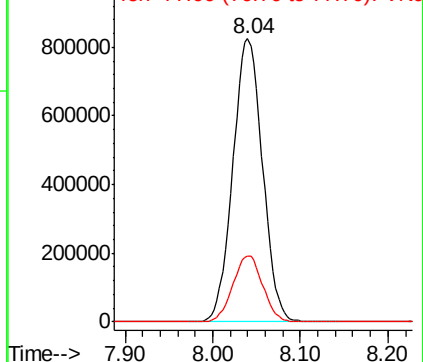


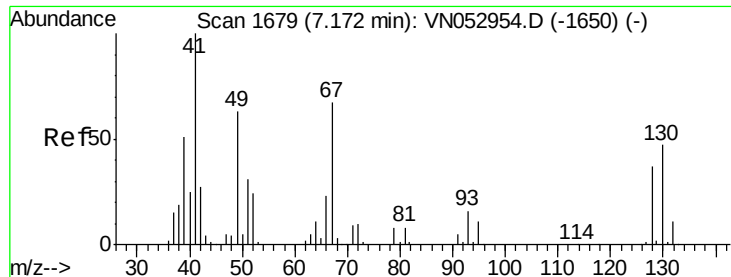
#40
Benzene
Concen: 53.150 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 78 Resp: 1942110
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

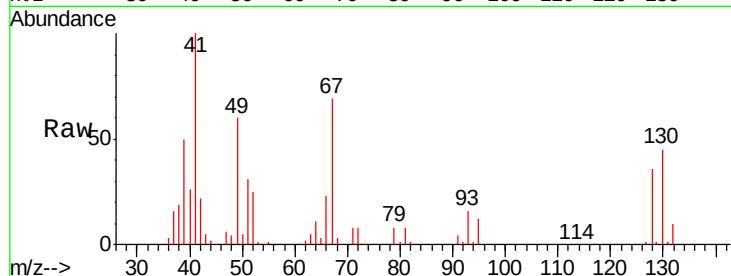




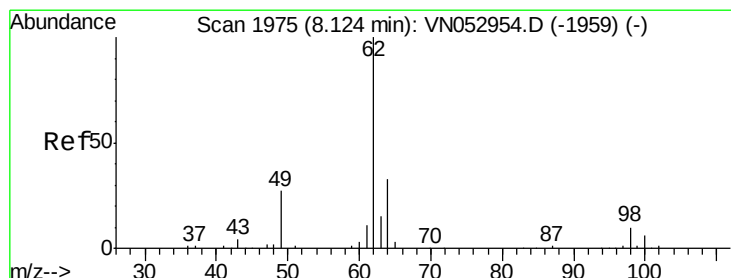
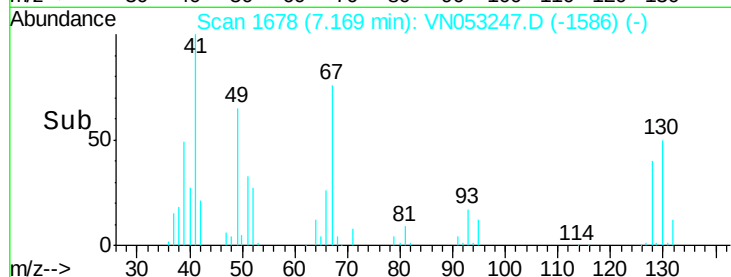
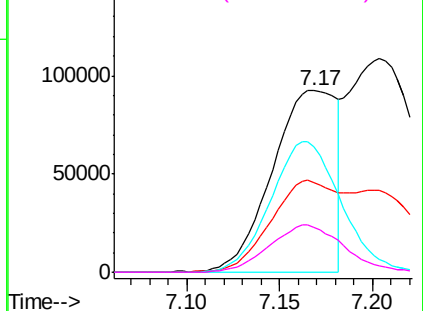
#41
Methacrylonitrile
Concen: 55.797 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	221086
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.0	72.0
67	80.4	70.3	105.5
52	30.1	26.9	40.3

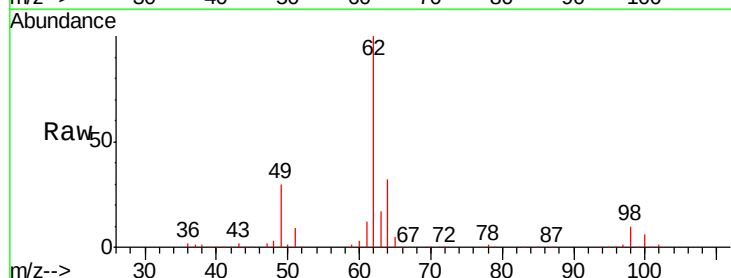


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

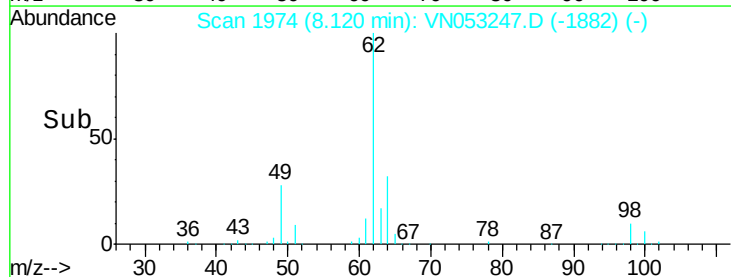
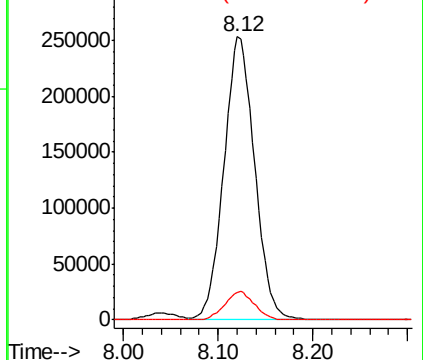


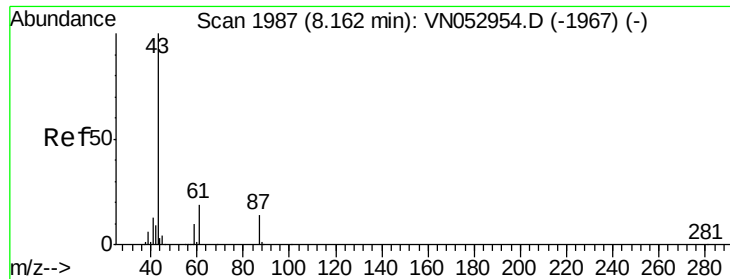
#42
1,2-Dichloroethane
Concen: 52.822 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion:	62	Resp:	570191
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 49.737 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

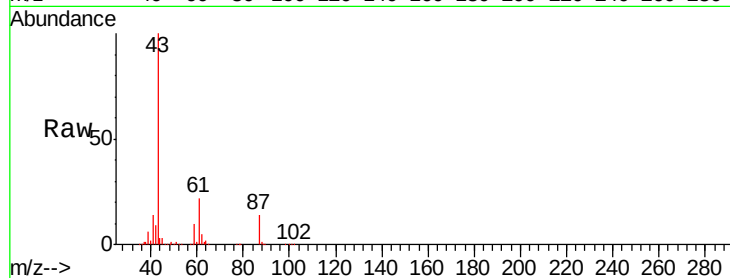
Tgt Ion: 43 Resp: 660138

Ion Ratio Lower Upper

43 100

61 22.2 22.9 34.3#

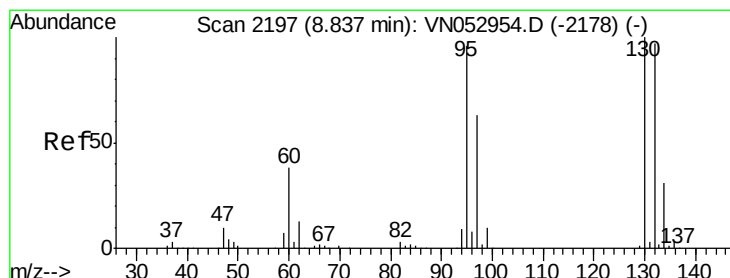
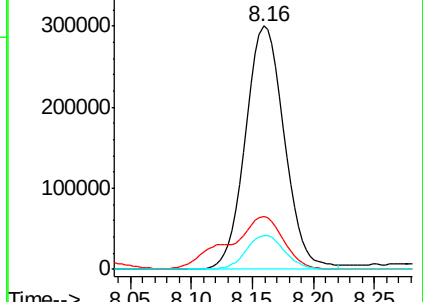
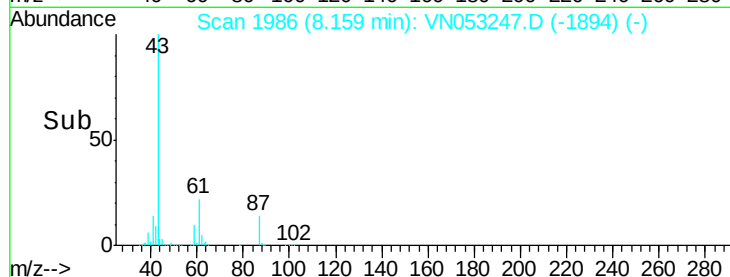
87 13.8 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN053247.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053247.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053247.D (-1894) (-)



#44

Trichloroethene

Concen: 50.319 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053247.D

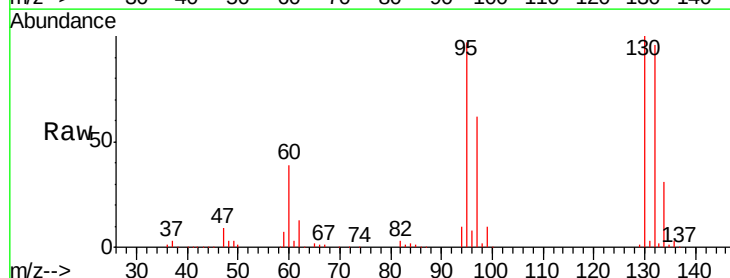
Acq: 2 Jan 2019 17:07

Tgt Ion: 130 Resp: 531811

Ion Ratio Lower Upper

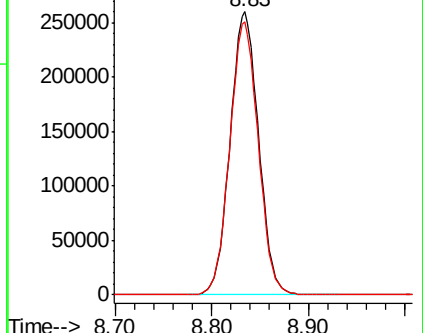
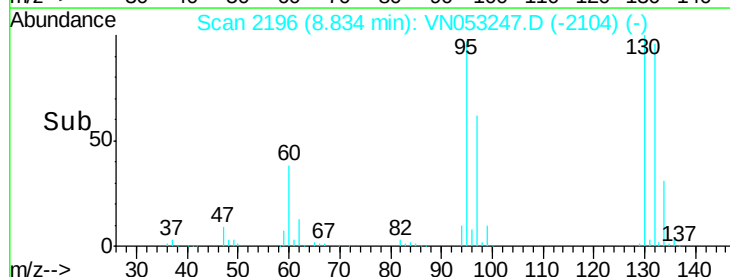
130 100

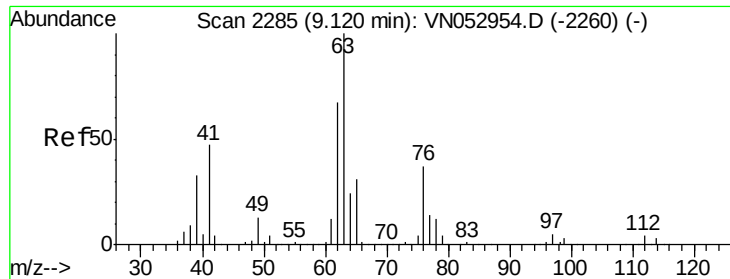
95 96.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN053247.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053247.D (-2104) (-)

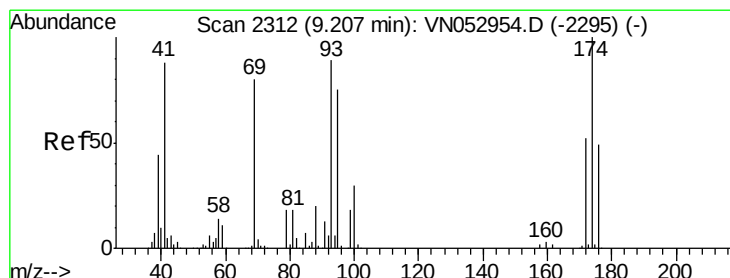
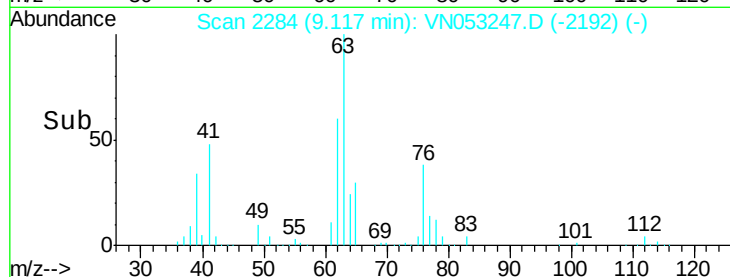
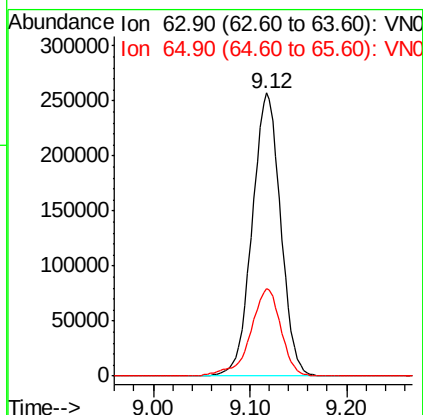
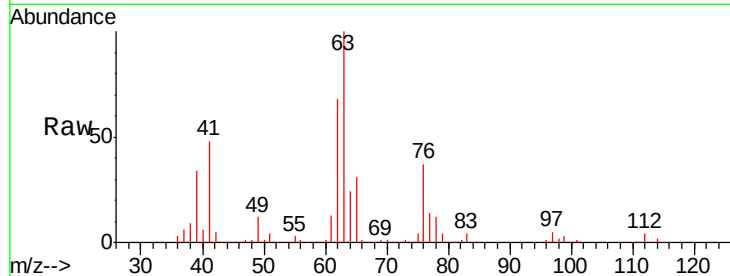




#45
 1,2-Dichloropropane
 Concen: 55.153 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

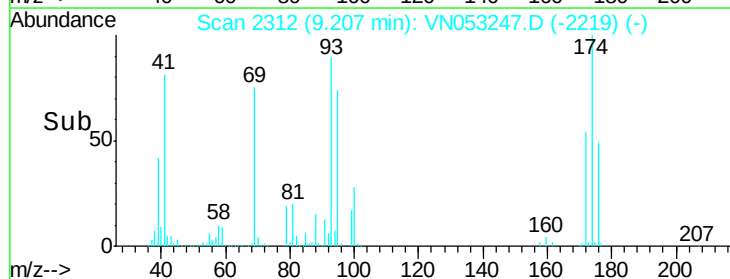
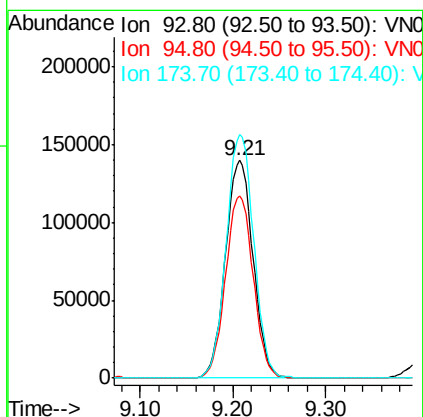
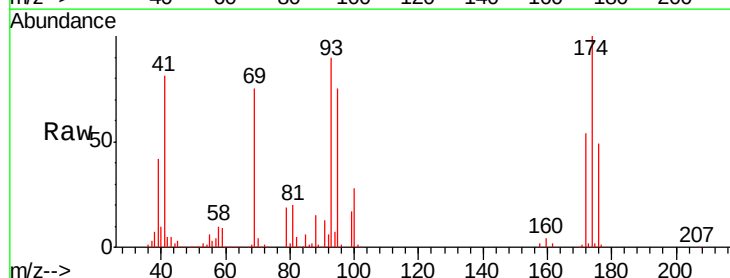
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

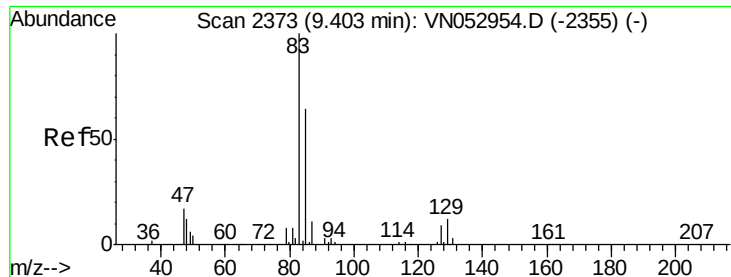
Tgt Ion: 63 Resp: 524923
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 37.0



#46
 Dibromomethane
 Concen: 52.369 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 93 Resp: 290355
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.8 101.6
 174 111.5 89.0 133.4

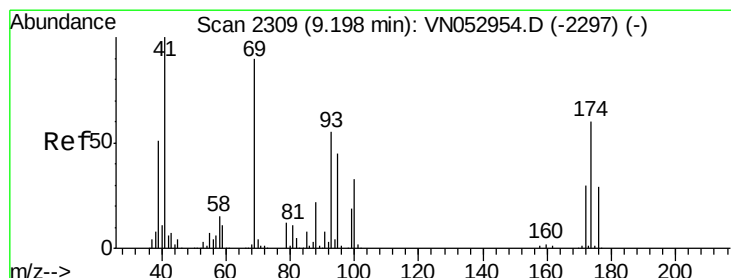
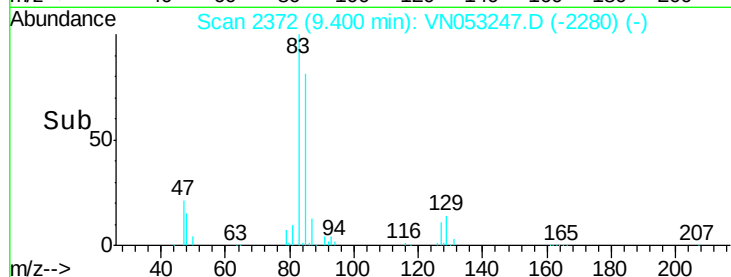
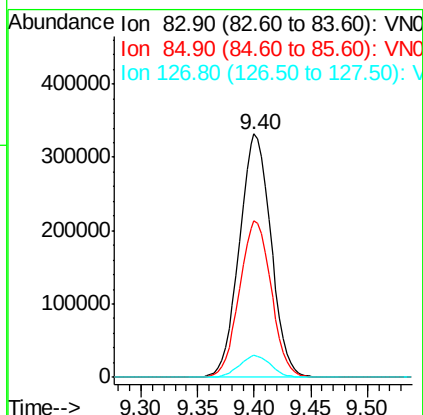
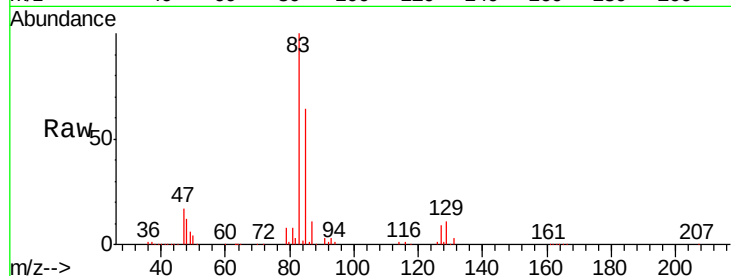




#47
Bromodichloromethane
Concen: 54.891 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

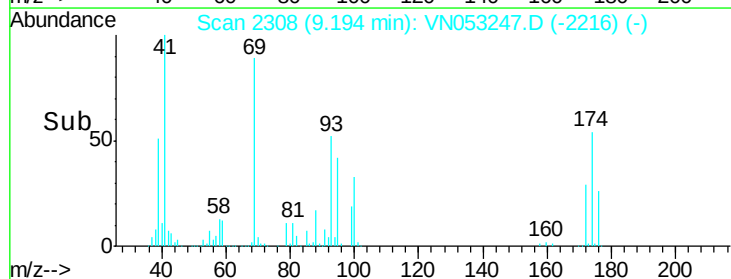
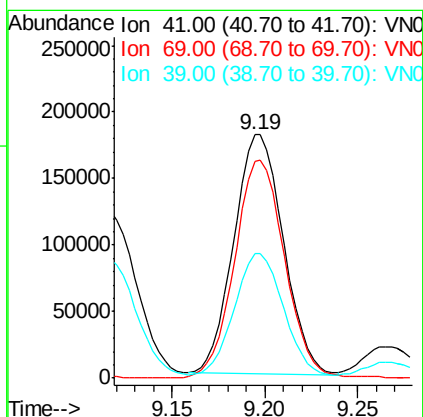
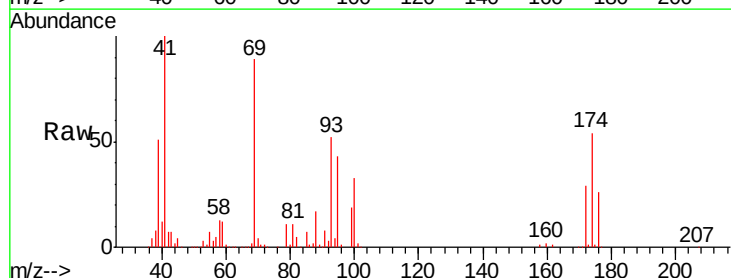
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

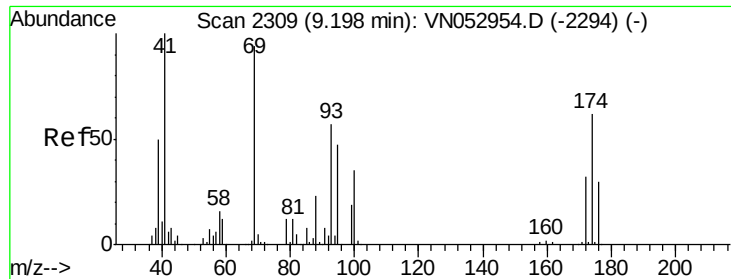
Tgt Ion: 83 Resp: 646918
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 50.367 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 41 Resp: 335168
Ion Ratio Lower Upper
41 100
69 92.8 72.2 108.2
39 52.6 41.9 62.9

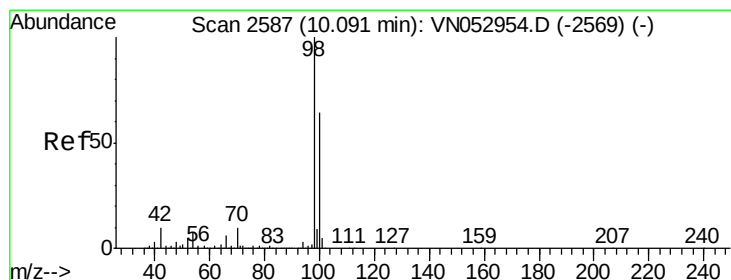
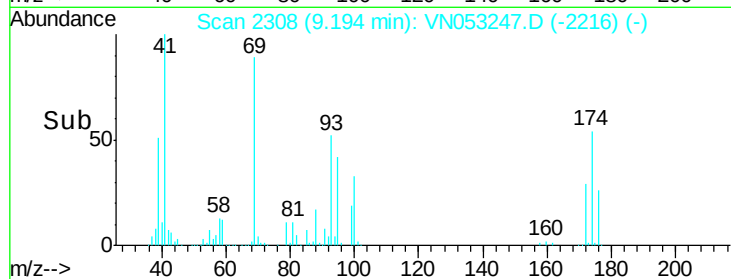
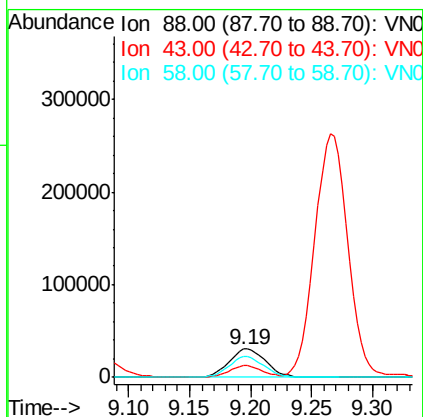
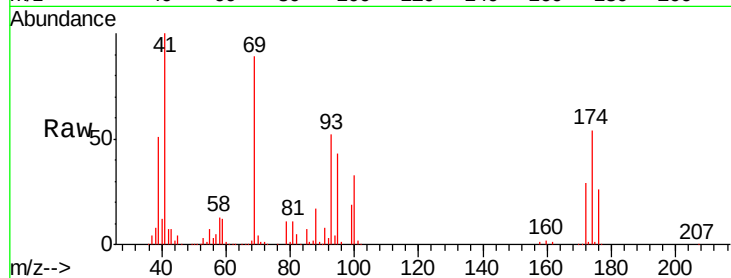




#49
1,4-Dioxane
Concen: 759.407 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

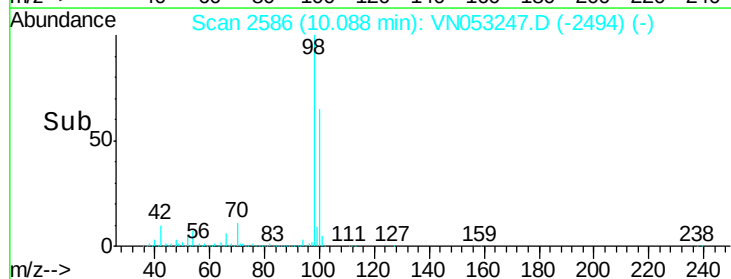
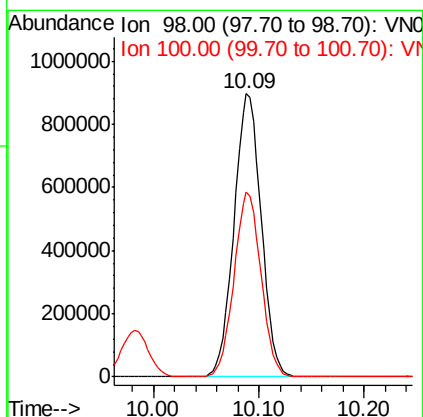
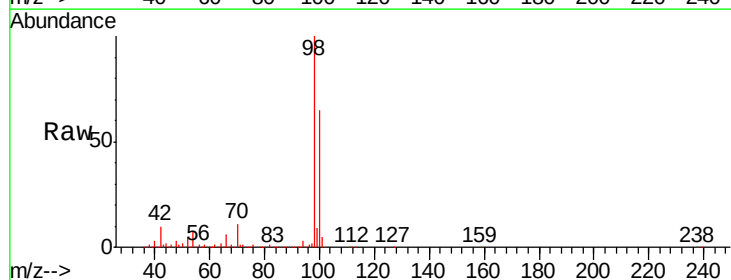
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

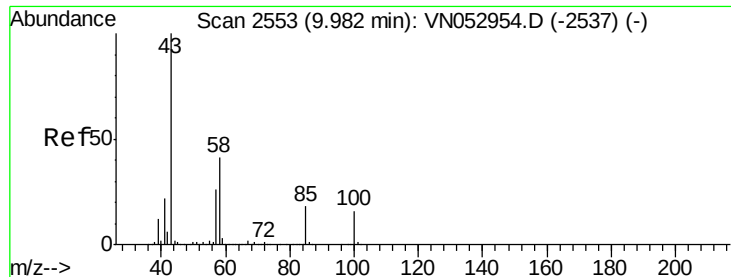
Tgt Ion: 88 Resp: 63925
Ion Ratio Lower Upper
88 100
43 33.4 26.6 40.0
58 72.3 58.4 87.6



#50
Toluene-d8
Concen: 759.407 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 98 Resp: 1600655
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

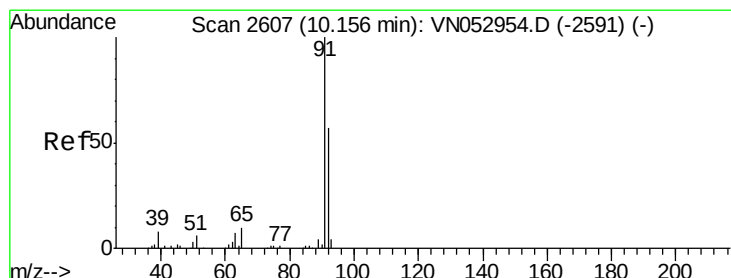
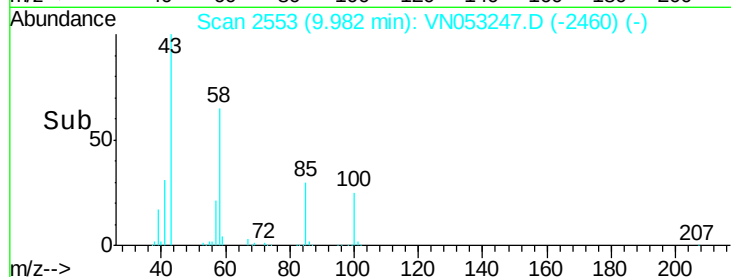
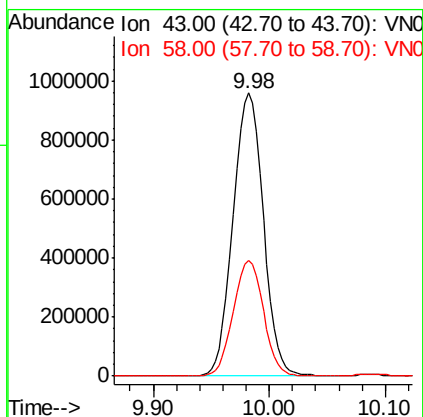
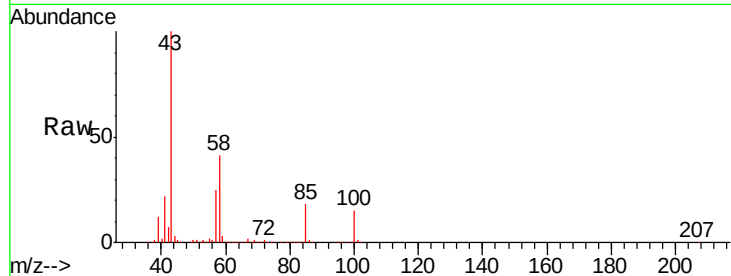




#51
 4-Methyl-2-Pentanone
 Concen: 261.389 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

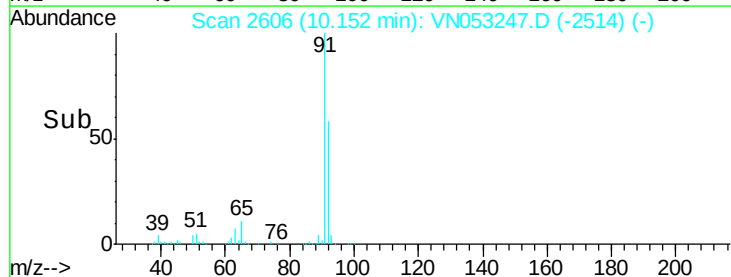
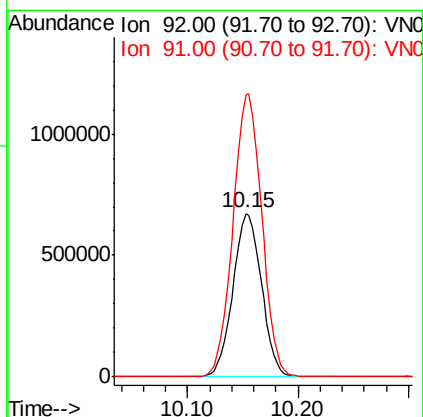
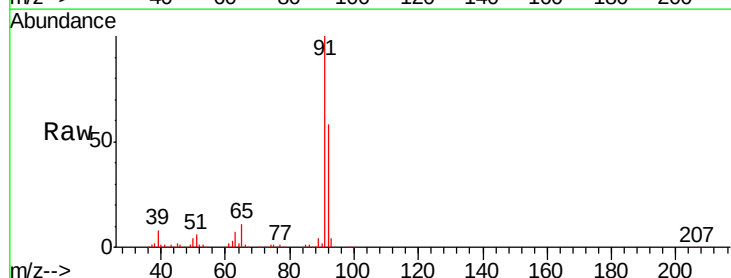
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

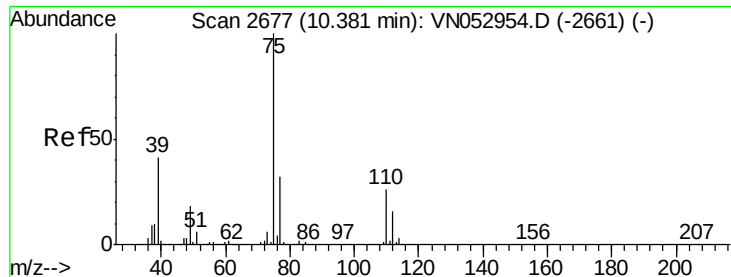
Tgt Ion: 43 Resp: 1735940
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.2 48.4



#52
 Toluene
 Concen: 53.304 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 92 Resp: 1207249
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 52.738 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

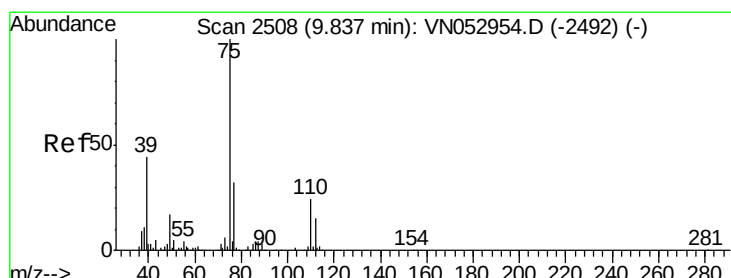
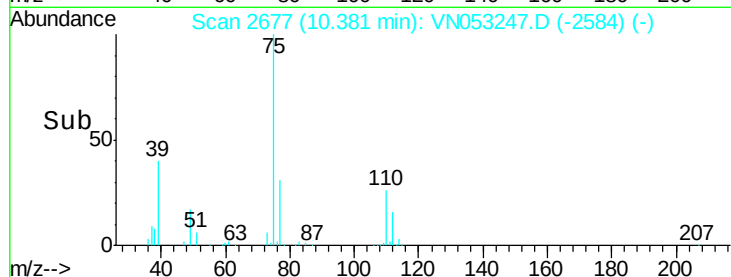
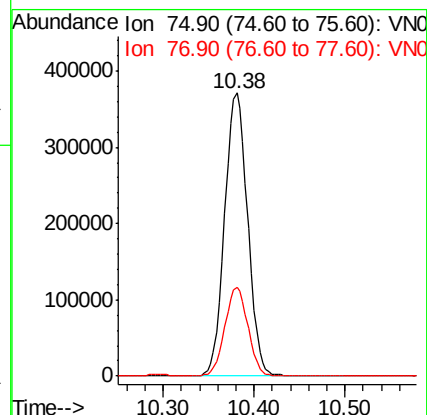
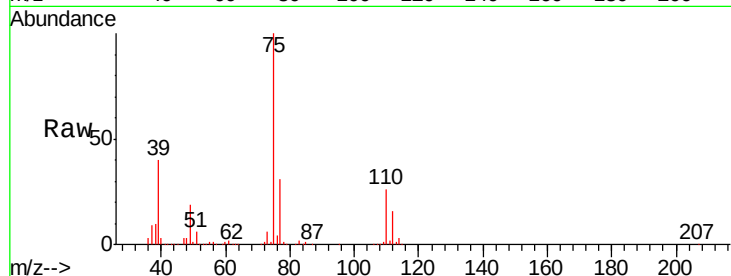
VSTDCCC050EC

Tgt Ion: 75 Resp: 653587

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 54.176 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

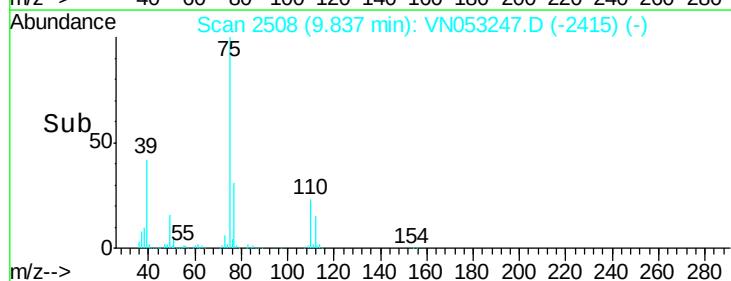
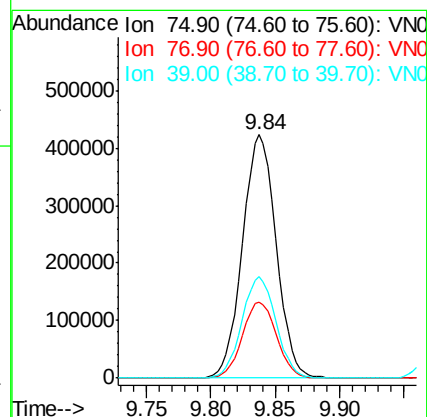
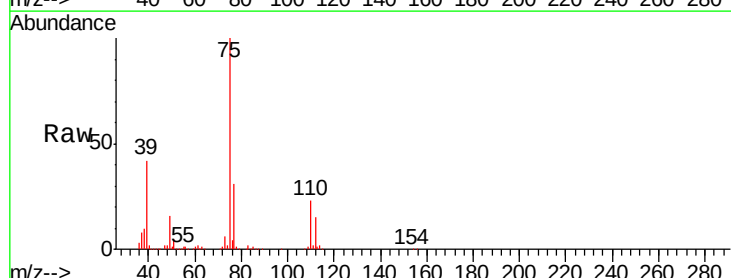
Tgt Ion: 75 Resp: 770654

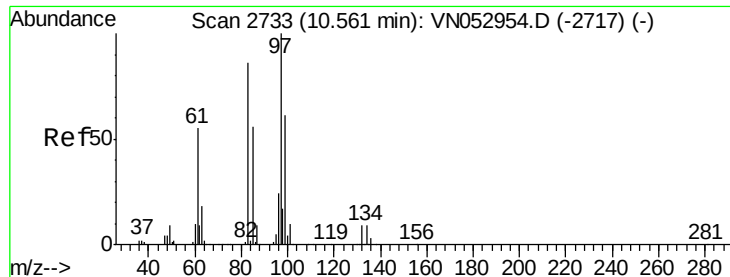
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8

39 41.5 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 53.815 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 425207

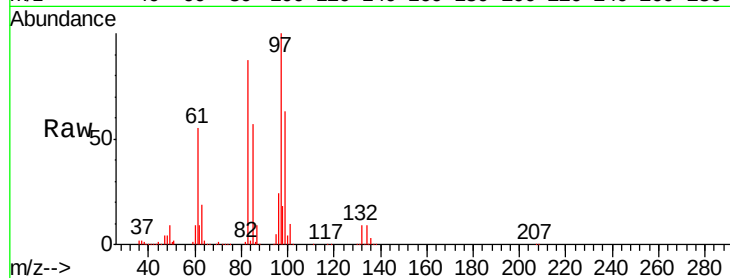
Ion Ratio Lower Upper

97 100

83 86.9 70.9 106.3

85 56.9 45.4 68.2

99 62.6 50.4 75.6

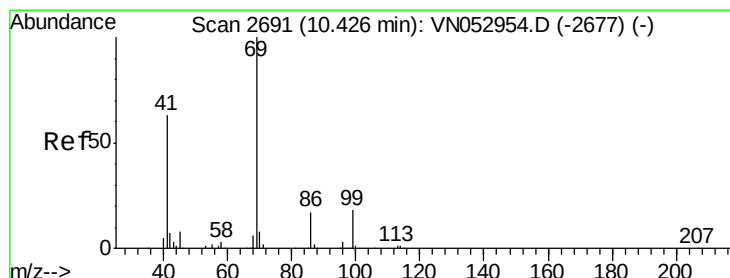
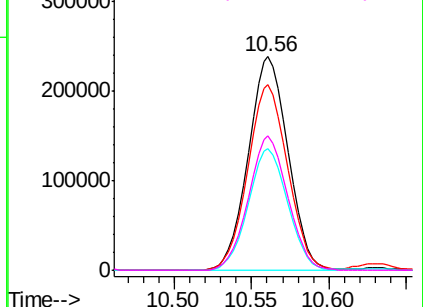
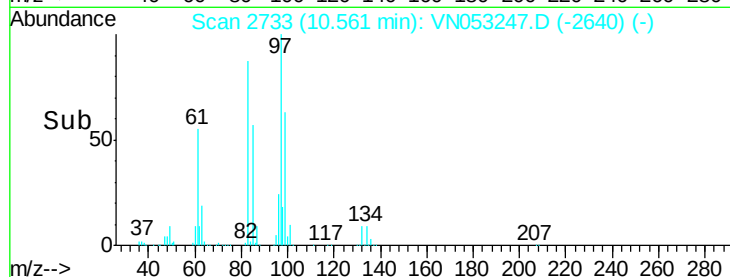


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.200 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

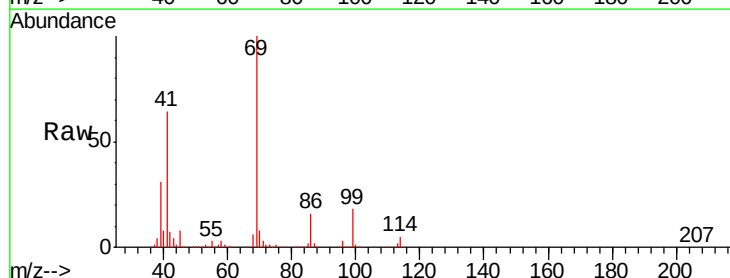
Tgt Ion: 69 Resp: 545917

Ion Ratio Lower Upper

69 100

41 62.6 51.7 77.5

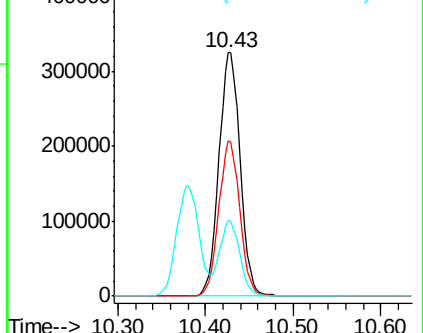
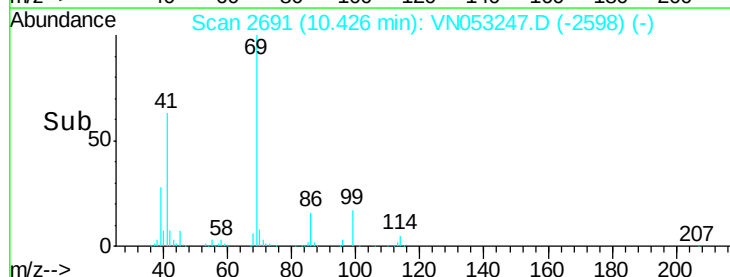
39 29.4 24.6 37.0

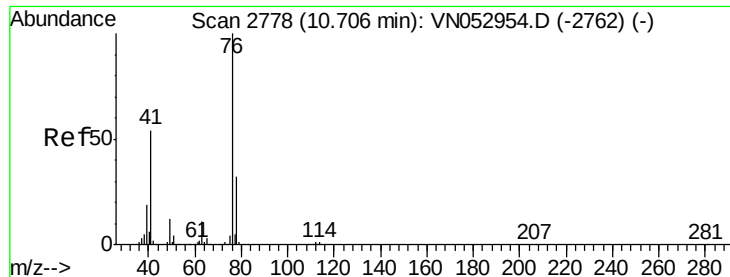


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

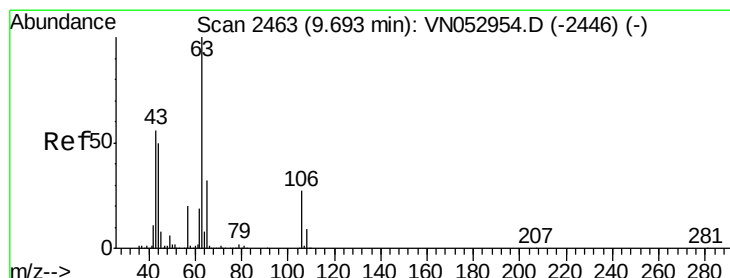
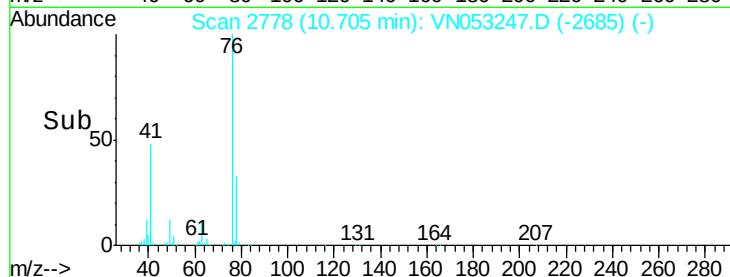
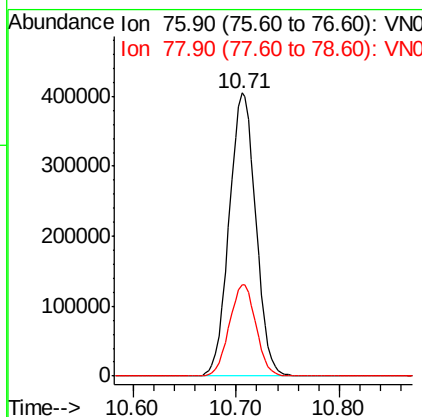
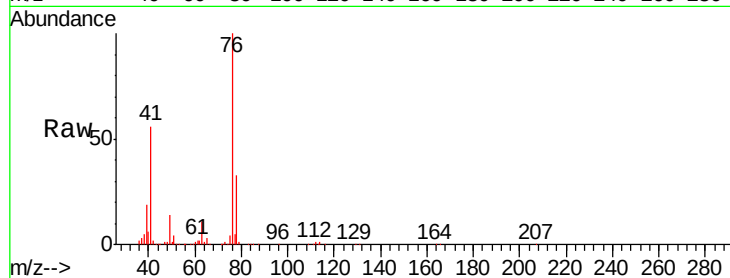




#57
 1,3-Dichloropropane
 Concen: 53.704 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

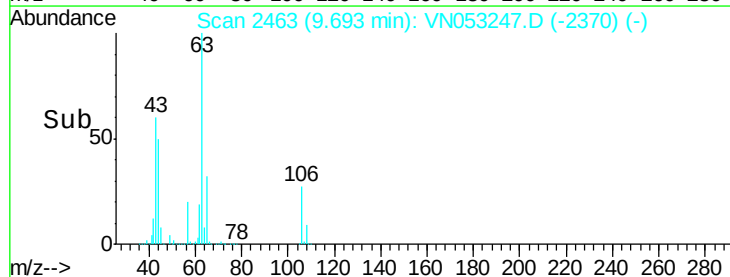
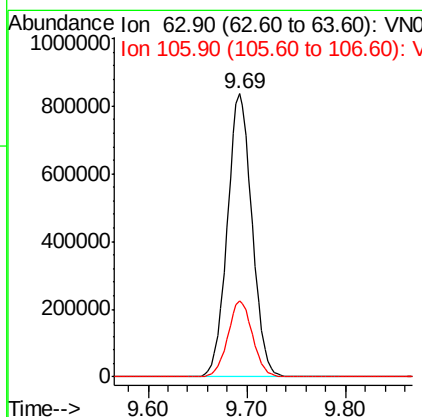
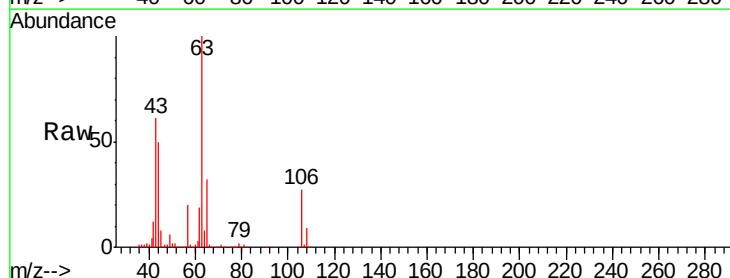
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

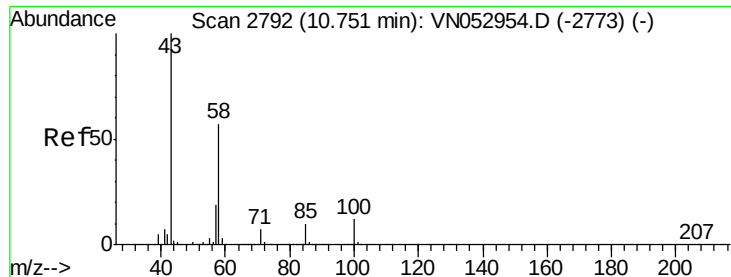
Tgt Ion: 76 Resp: 727652
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.338 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 63 Resp: 1466016
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.6

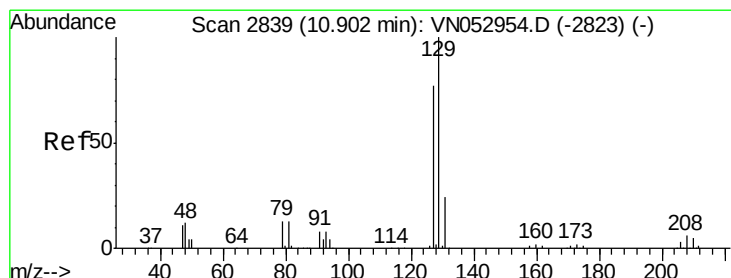
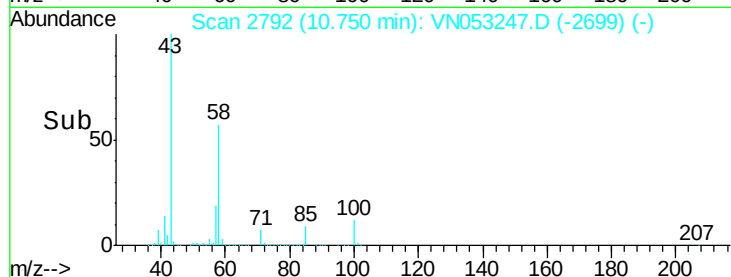
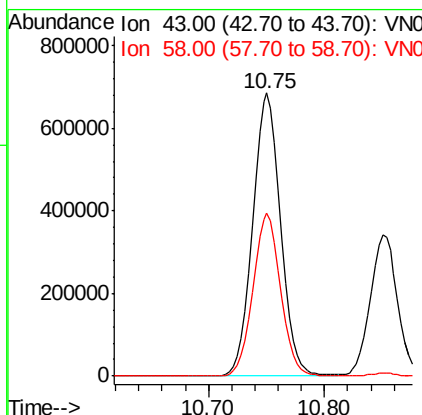
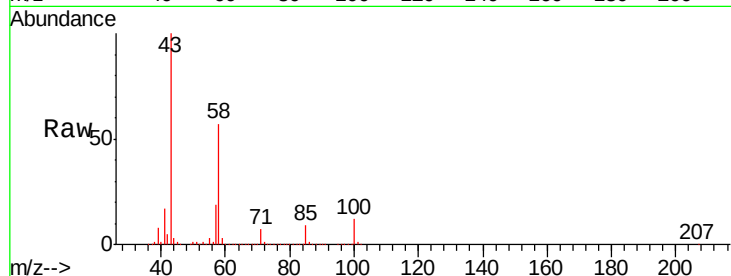




#59
2-Hexanone
Concen: 255.986 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

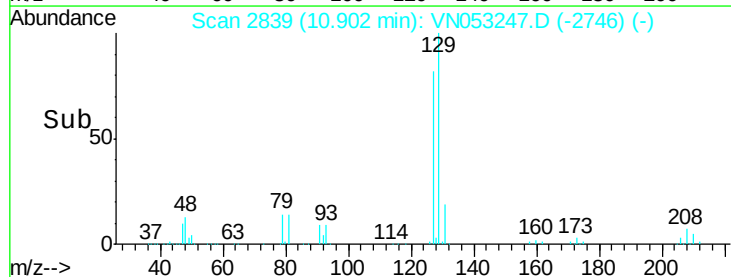
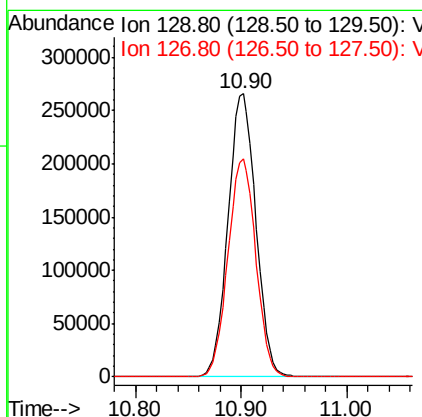
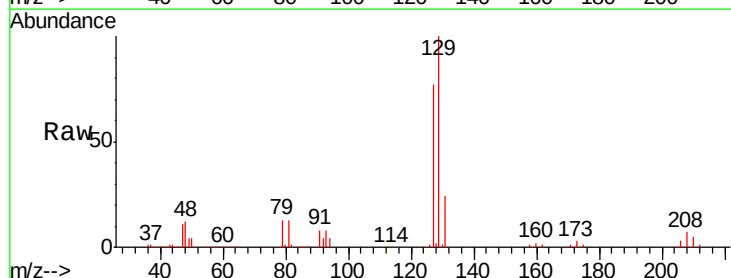
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

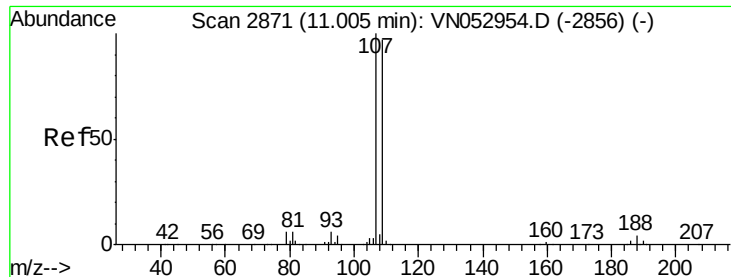
Tgt Ion: 43 Resp: 1150228
Ion Ratio Lower Upper
43 100
58 57.2 28.1 84.3



#60
Dibromochloromethane
Concen: 53.652 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 129 Resp: 485252
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.510 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

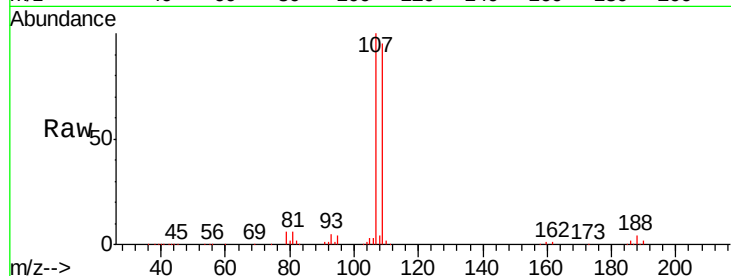
VSTDCCC050EC

Tgt Ion: 107 Resp: 413352

Ion Ratio Lower Upper

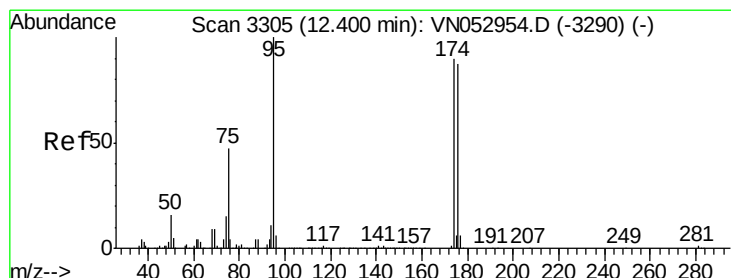
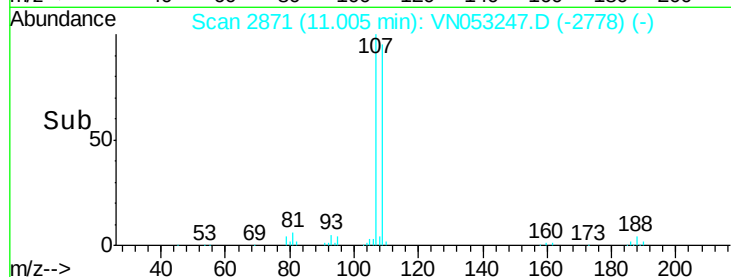
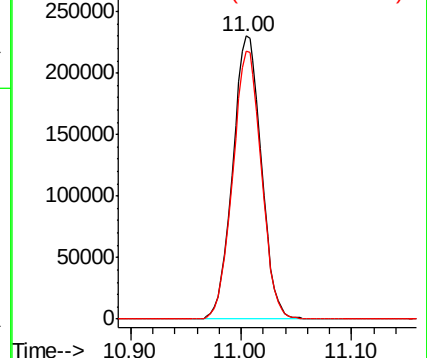
107 100

109 94.8 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.510 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

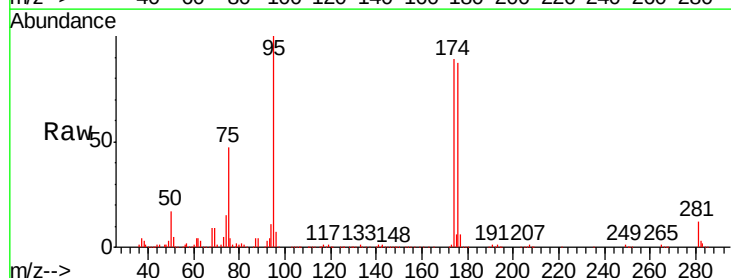
Tgt Ion: 95 Resp: 561809

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.8

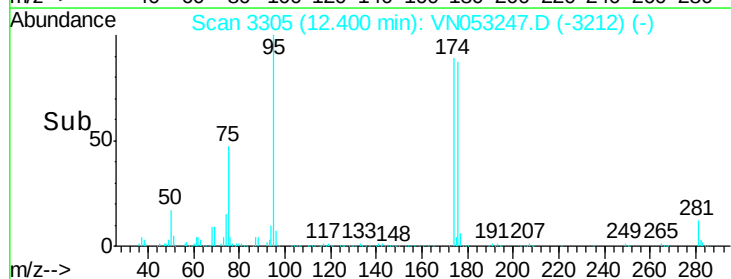
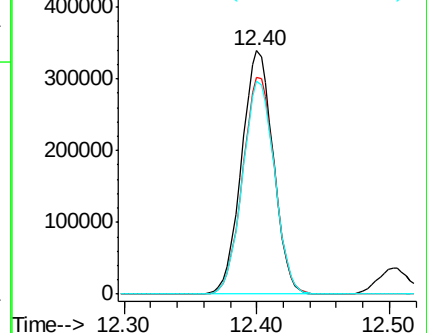
176 88.3 0.0 173.8

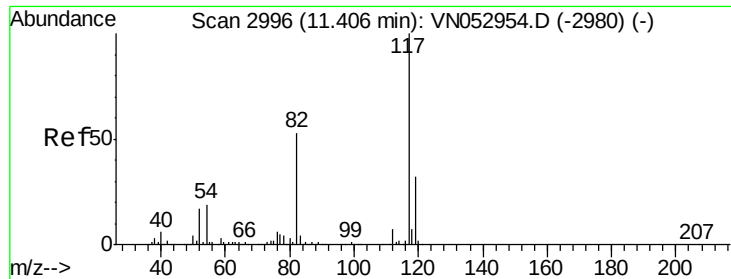


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

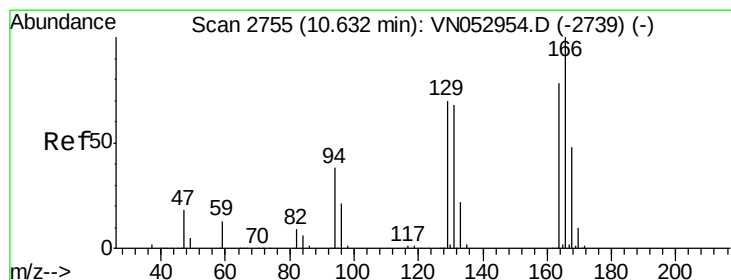
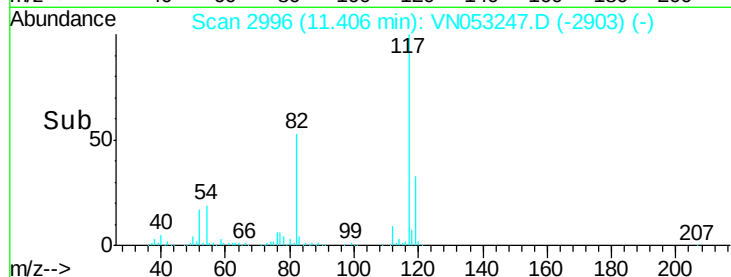
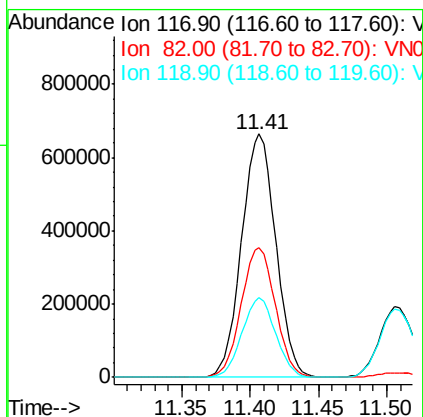
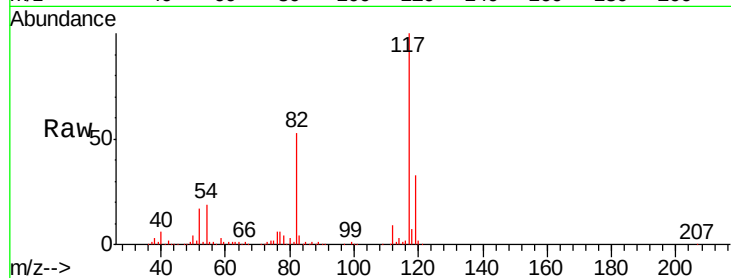




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

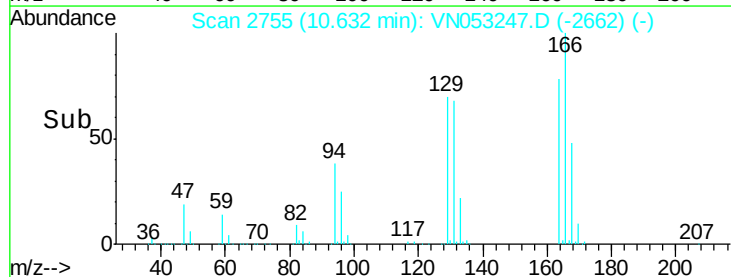
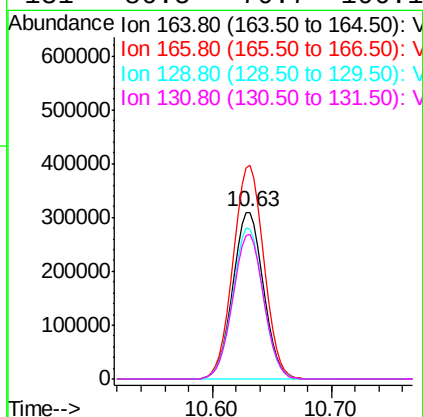
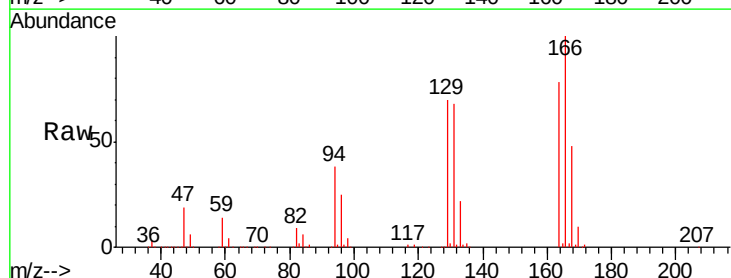
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

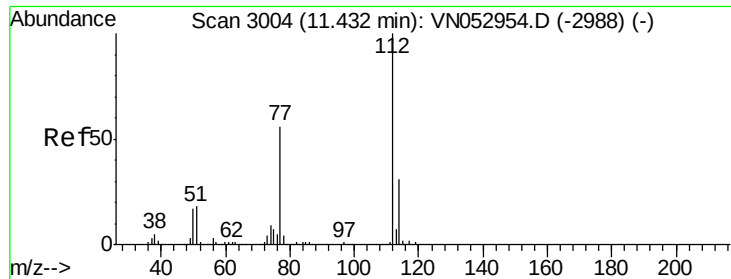
Tgt Ion:117 Resp: 1157508
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 44.089 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion:164 Resp: 552800
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 90.0 73.7 110.5
131 86.5 70.7 106.1

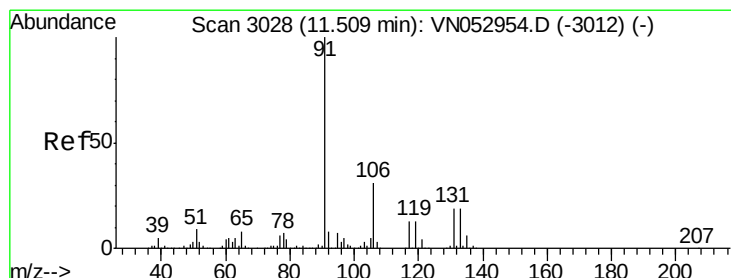
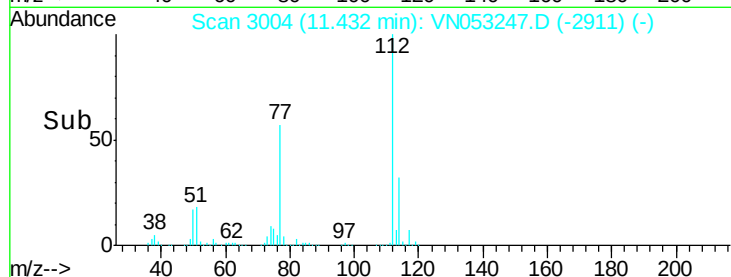
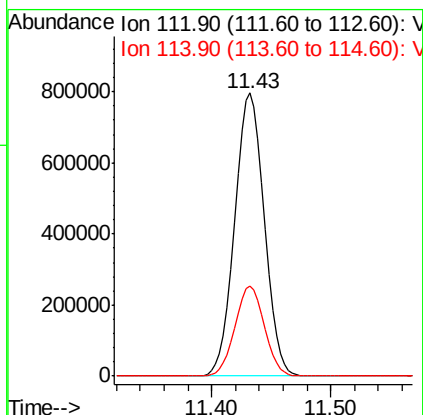
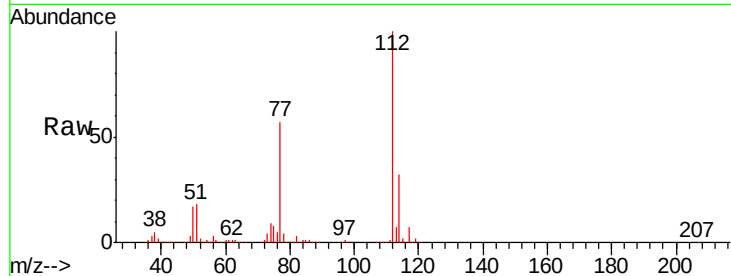




#65
Chlorobenzene
Concen: 53.346 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

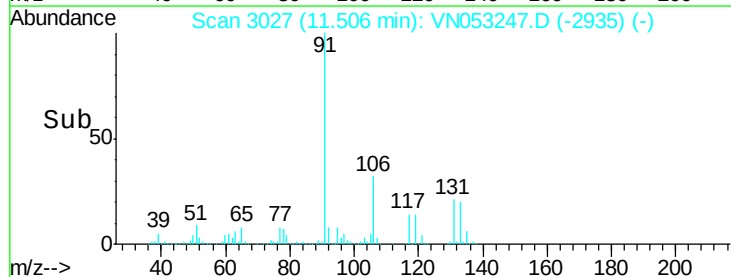
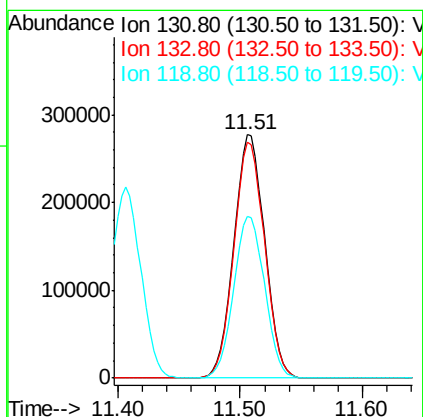
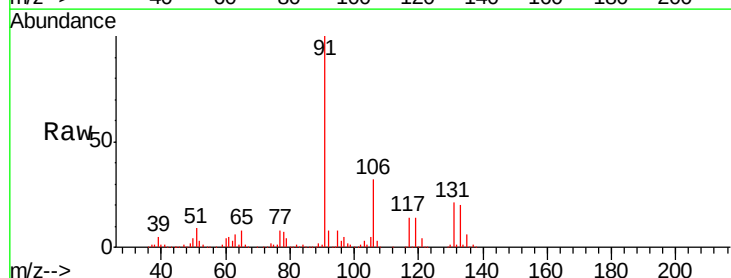
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

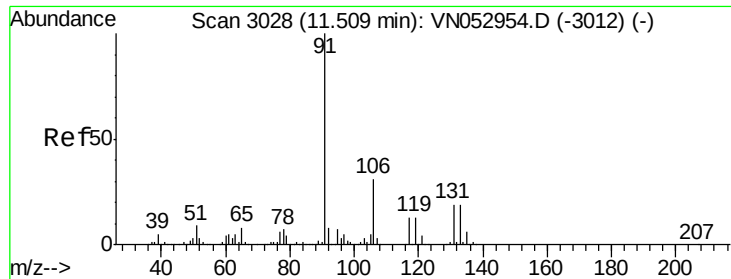
Tgt Ion:112 Resp: 1368780
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.327 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion:131 Resp: 484749
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 66.8 33.3 99.8

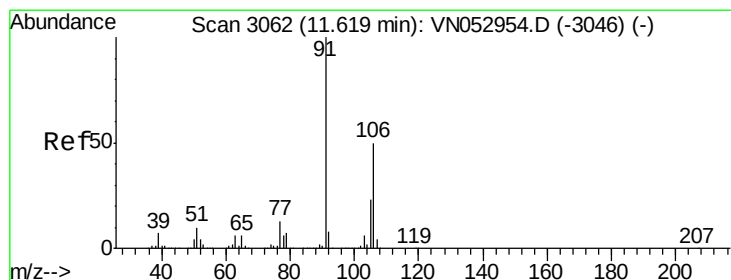
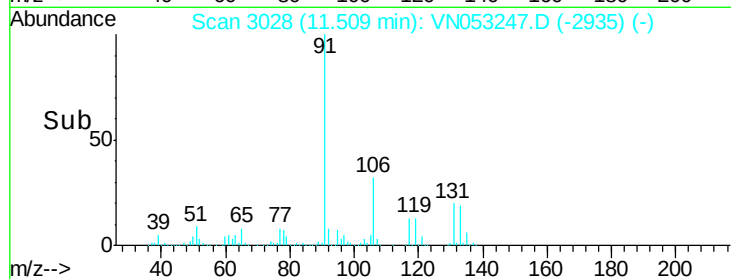
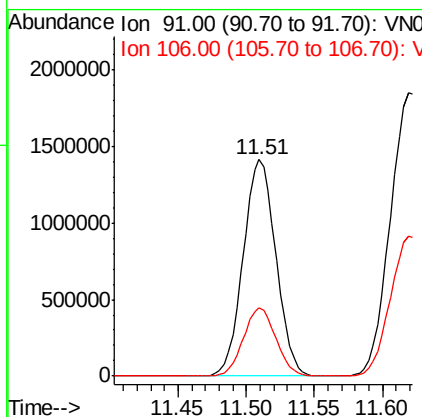
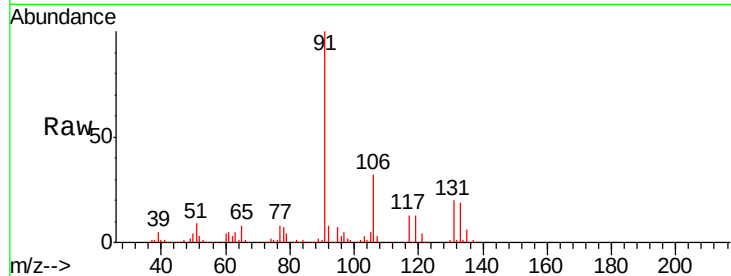




#67
Ethyl Benzene
Concen: 53.214 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

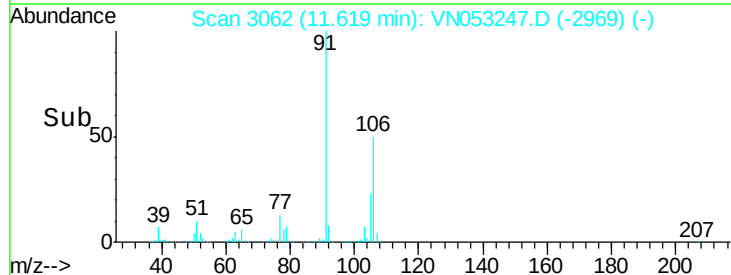
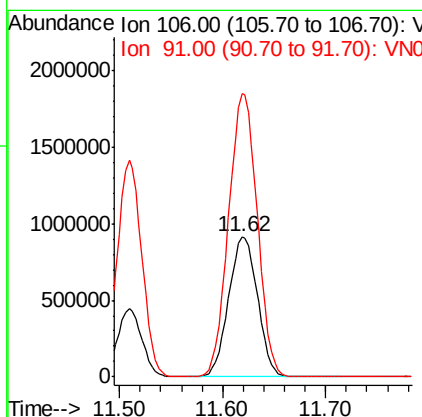
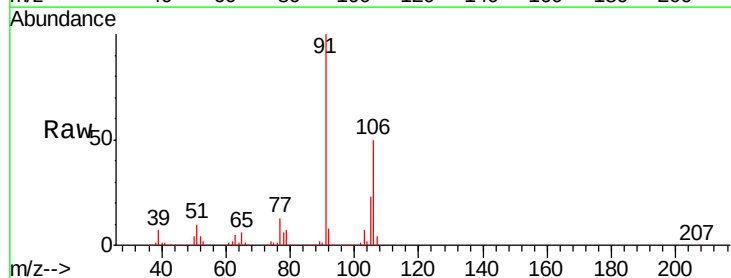
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

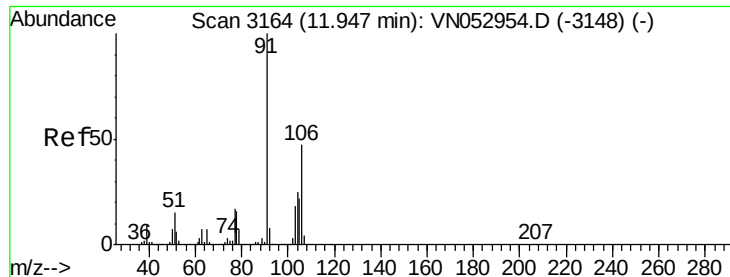
Tgt Ion: 91 Resp: 2348155
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 106.259 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 106 Resp: 1782476
Ion Ratio Lower Upper
106 100
91 201.1 162.2 243.4

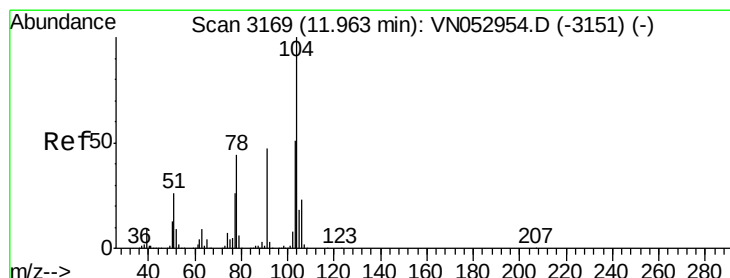
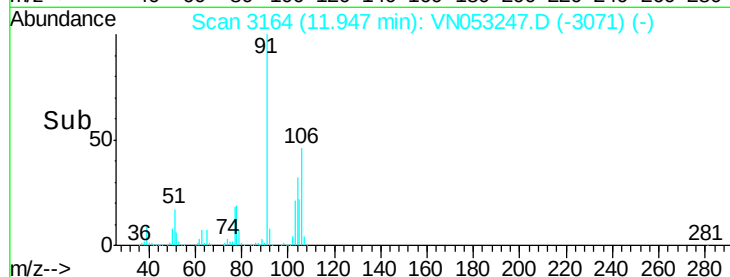
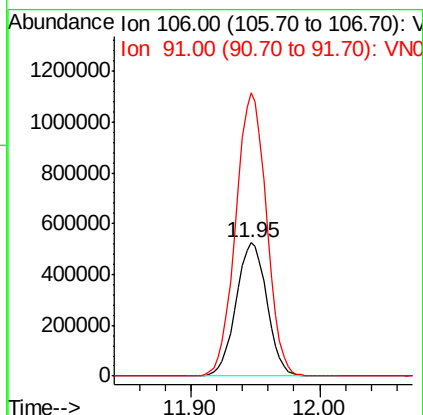
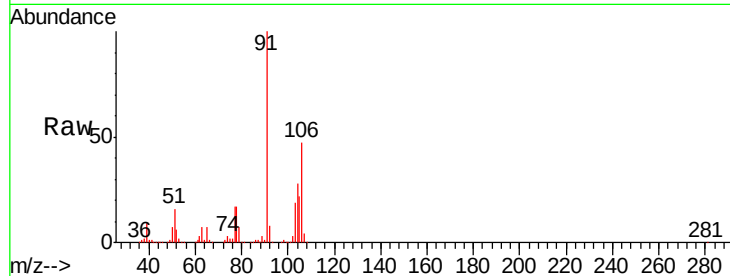




#69
o-Xylene
Concen: 54.246 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

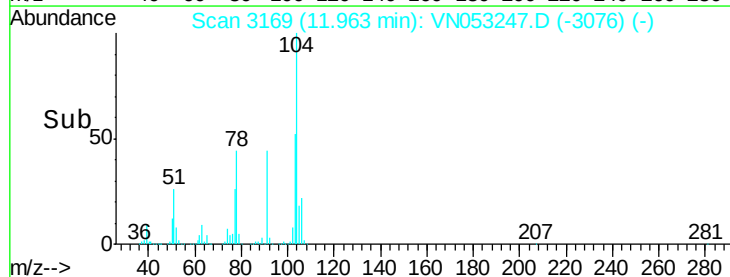
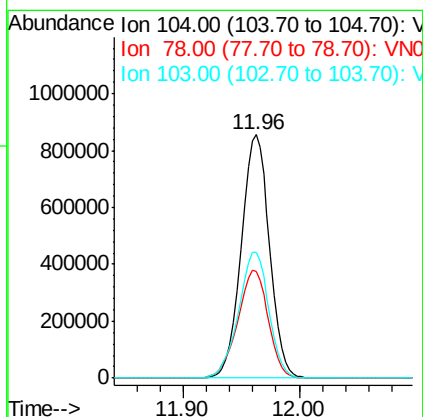
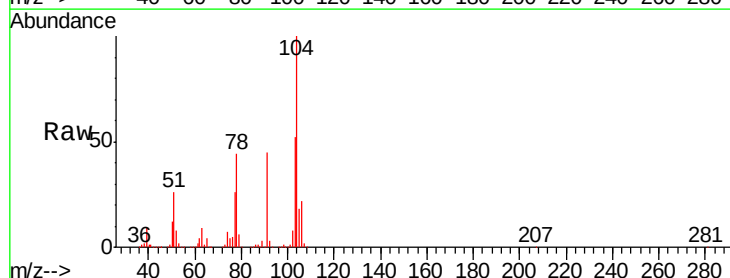
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

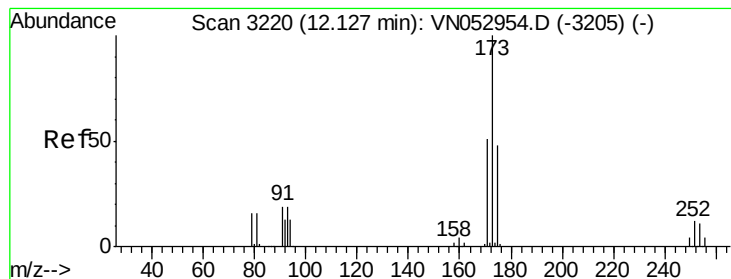
Tgt Ion:106 Resp: 873184
Ion Ratio Lower Upper
106 100
91 211.5 106.6 319.8



#70
Styrene
Concen: 54.869 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion:104 Resp: 1440177
Ion Ratio Lower Upper
104 100
78 48.1 38.9 58.3
103 55.6 44.3 66.5





#71

Bromoform

Concen: 48.525 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

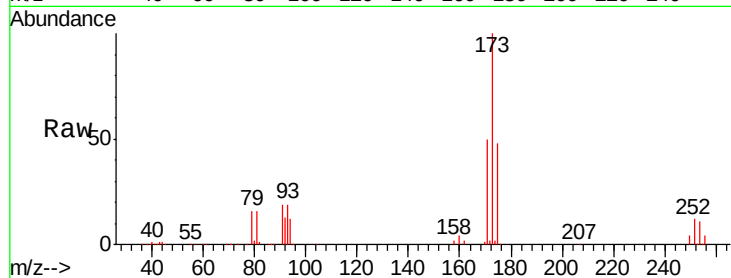
Tgt Ion:173 Resp: 312791

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.9

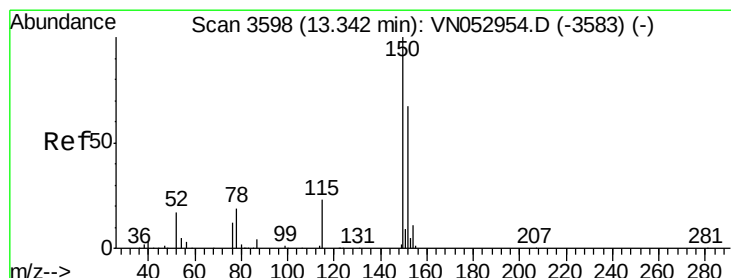
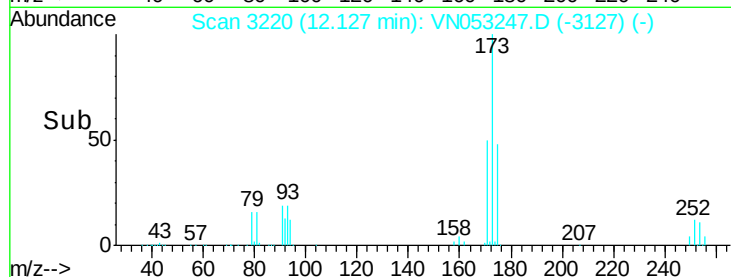
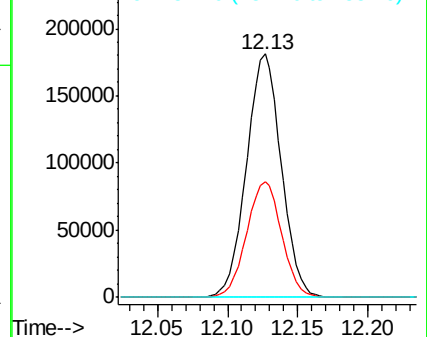
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

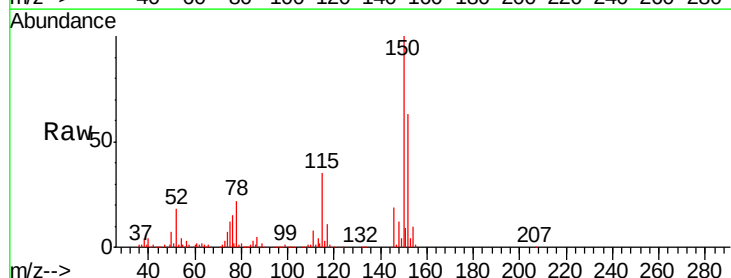
Tgt Ion:152 Resp: 489326

Ion Ratio Lower Upper

152 100

115 55.5 28.3 85.0

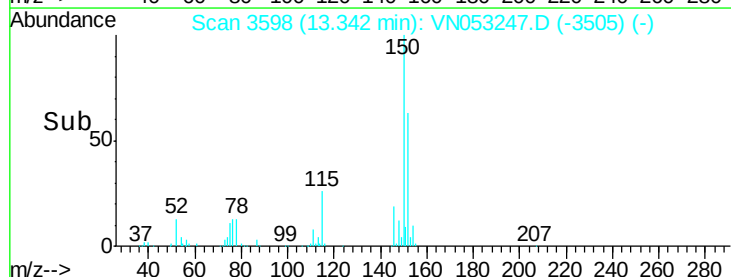
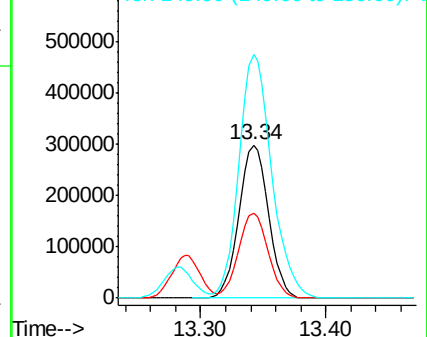
150 176.1 0.0 347.8

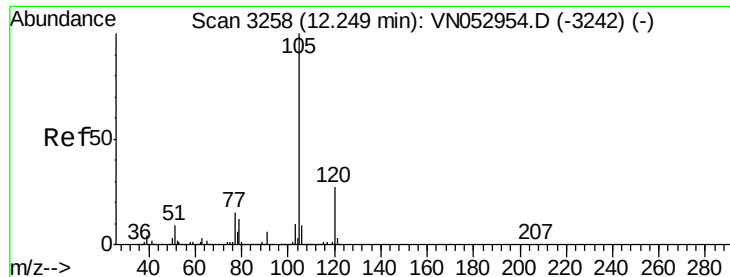


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 60.600 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

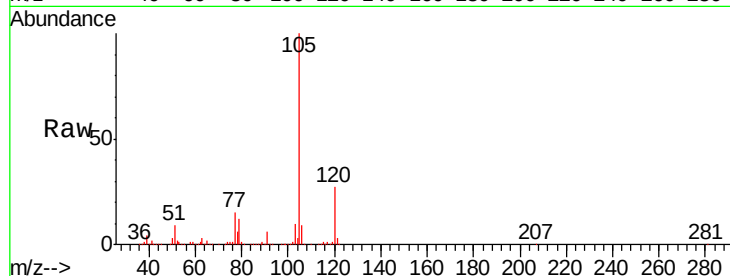
VSTDCCC050EC

Tgt Ion: 105 Resp: 2320096

Ion Ratio Lower Upper

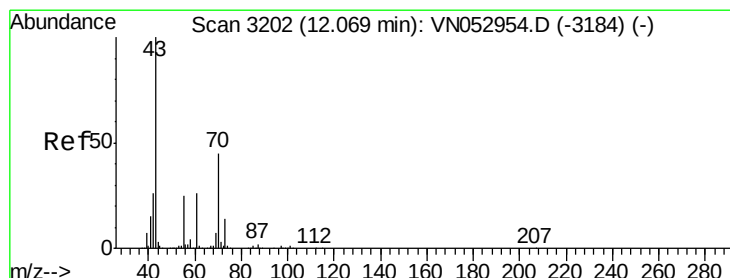
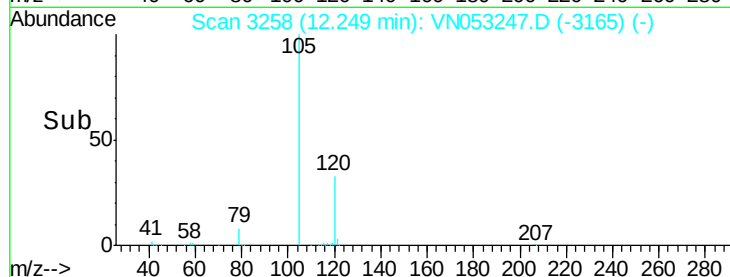
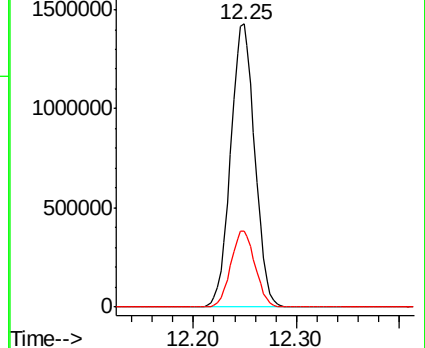
105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.608 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Tgt Ion: 43 Resp: 601715

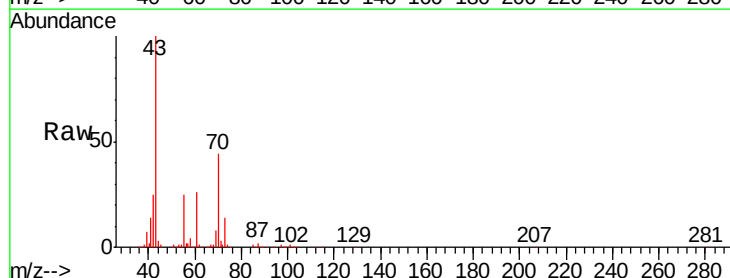
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.4

55 25.3 20.3 30.5

61 25.7 20.0 30.0

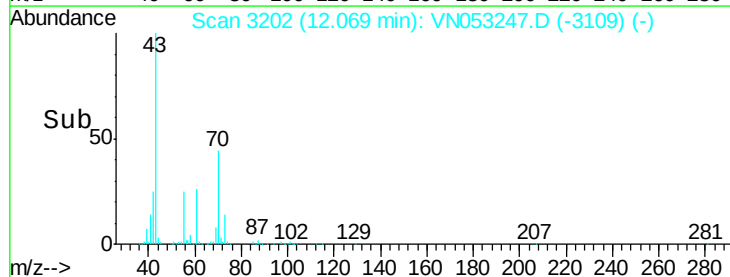
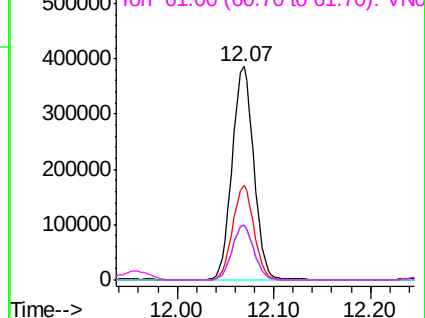


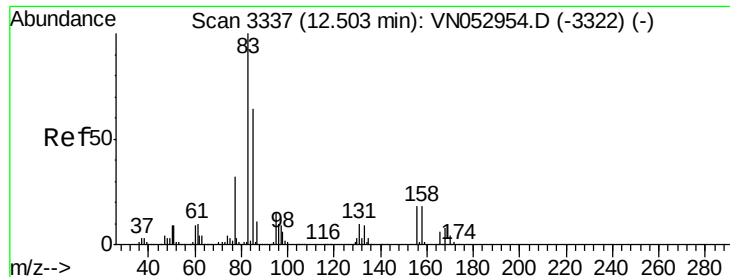
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.733 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

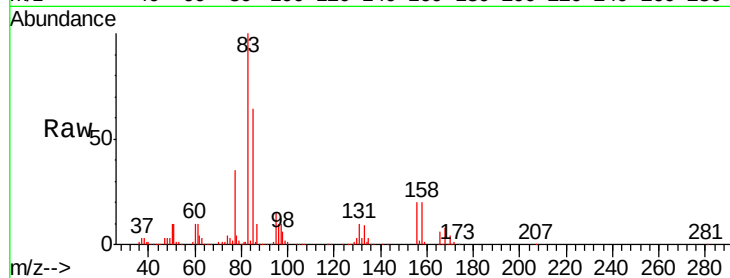
Tgt Ion: 83 Resp: 411103

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

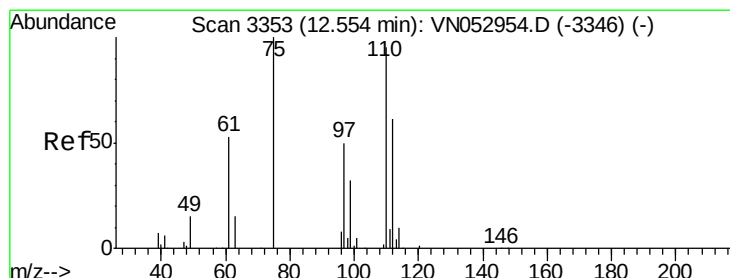
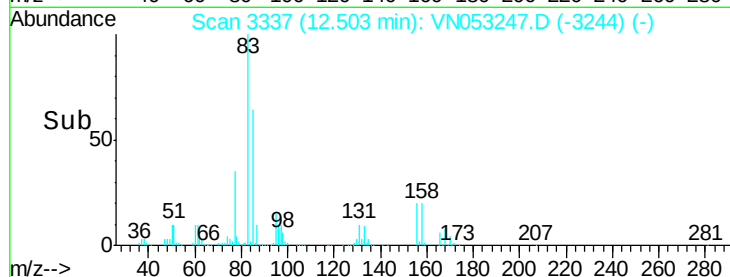
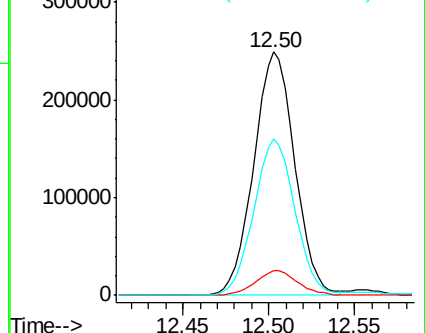
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 70.040 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053247.D

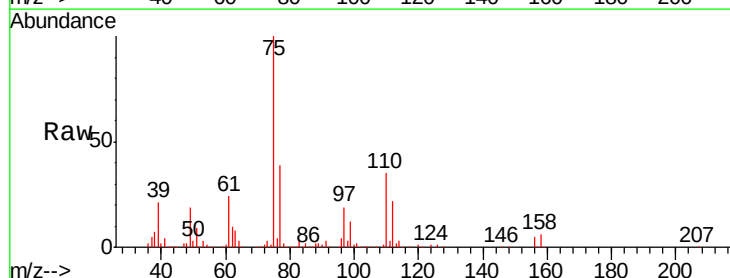
Acq: 2 Jan 2019 17:07

Tgt Ion: 75 Resp: 576944

Ion Ratio Lower Upper

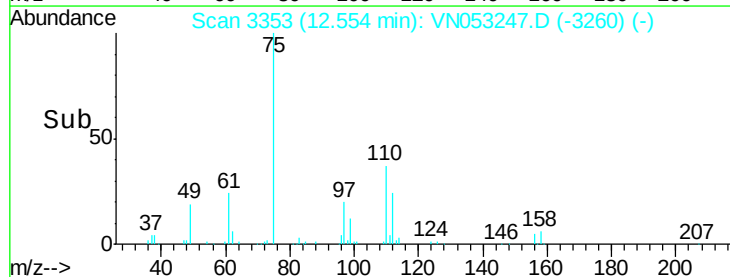
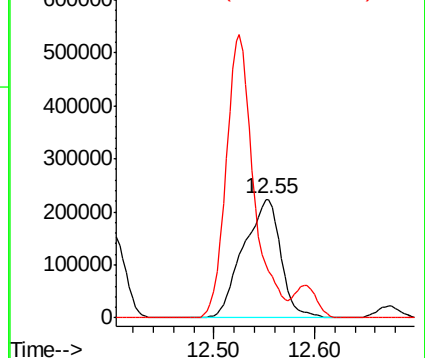
75 100

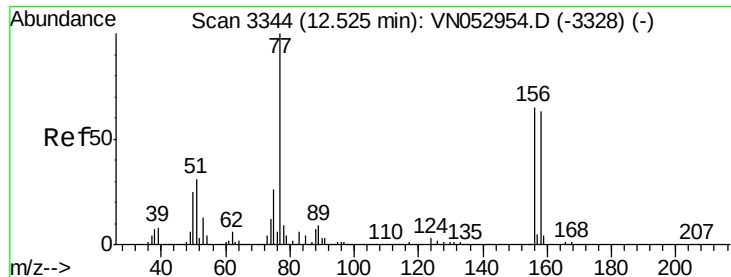
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 59.064 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

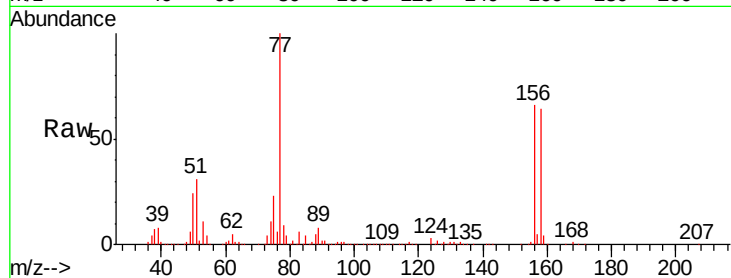
Tgt Ion:156 Resp: 587809

Ion Ratio Lower Upper

156 100

77 174.2 91.3 273.8

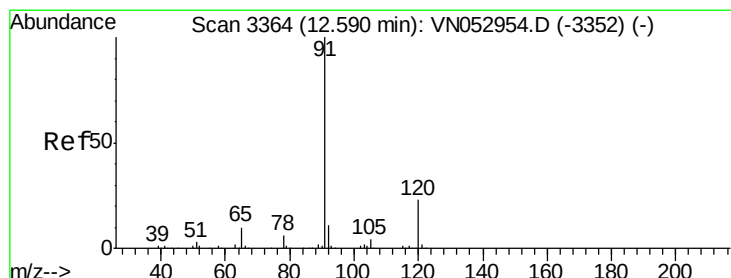
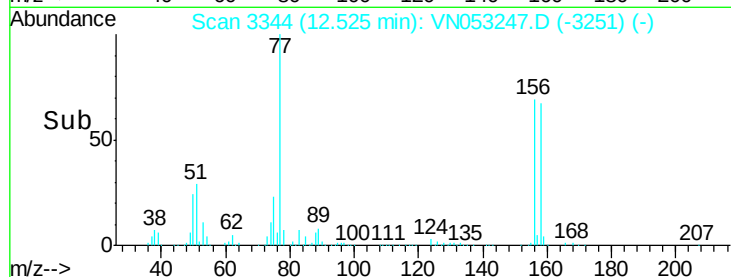
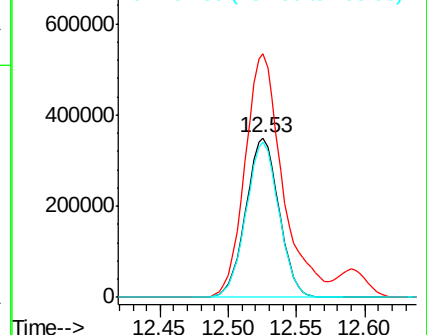
158 96.9 49.0 147.2



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: 60.831 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053247.D

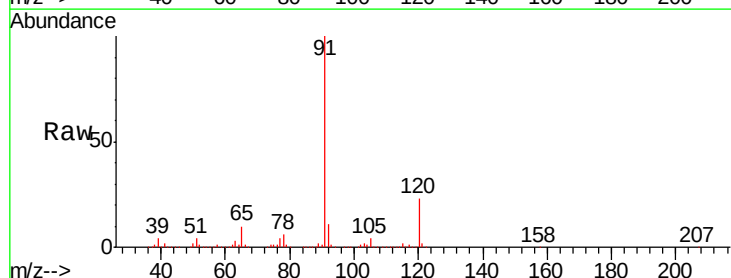
Acq: 2 Jan 2019 17:07

Tgt Ion: 91 Resp: 2652440

Ion Ratio Lower Upper

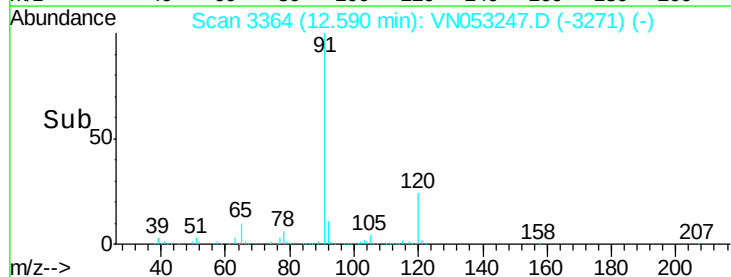
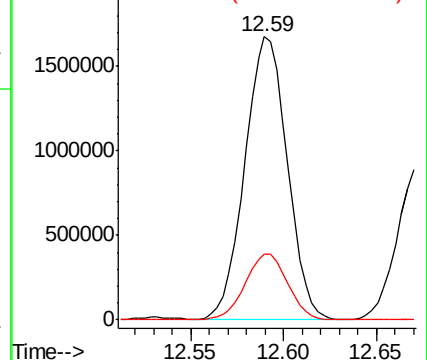
91 100

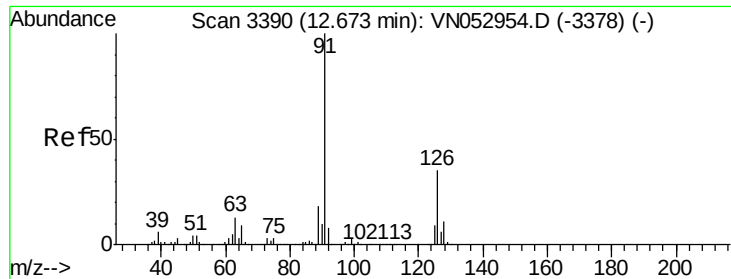
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.849 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

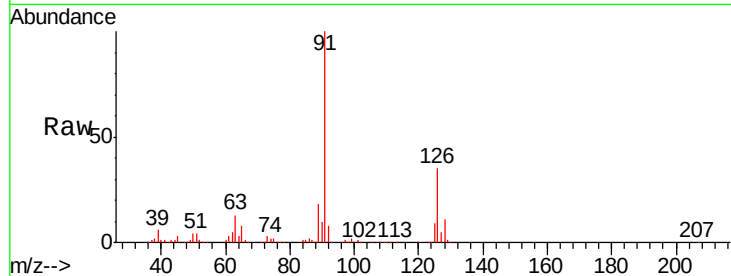
VSTDCCC050EC

Tgt Ion: 91 Resp: 1536497

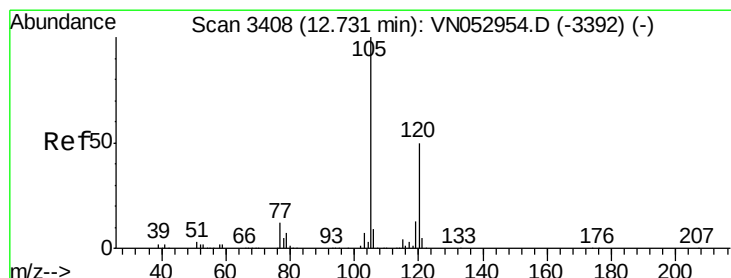
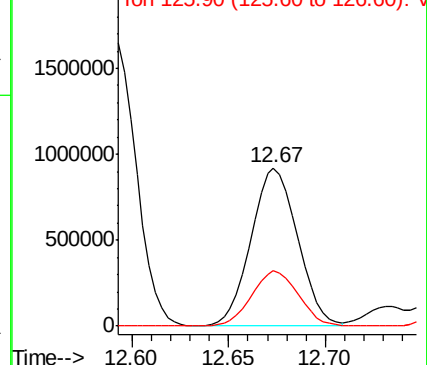
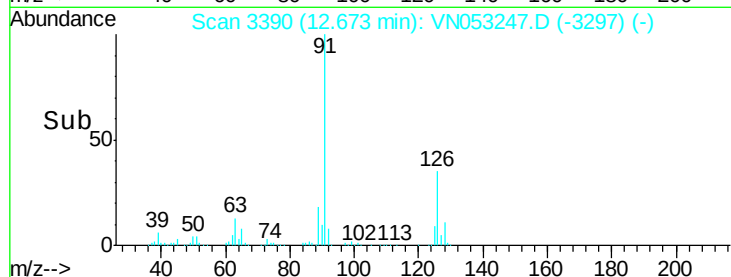
Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN053247.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.406 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053247.D

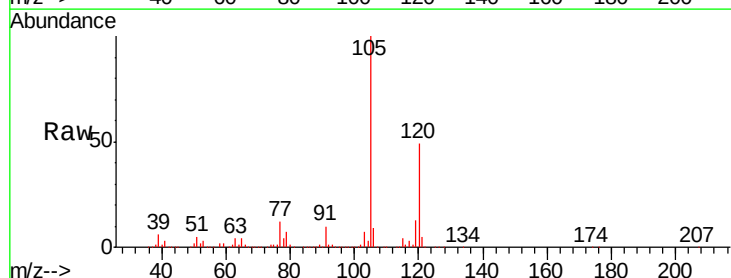
Acq: 2 Jan 2019 17:07

Tgt Ion: 105 Resp: 1822626

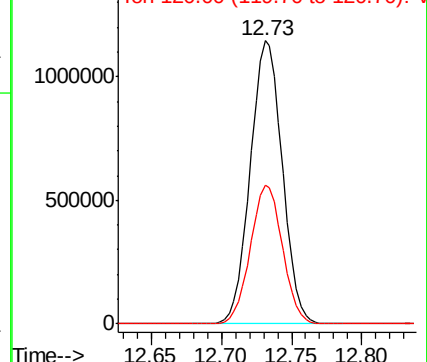
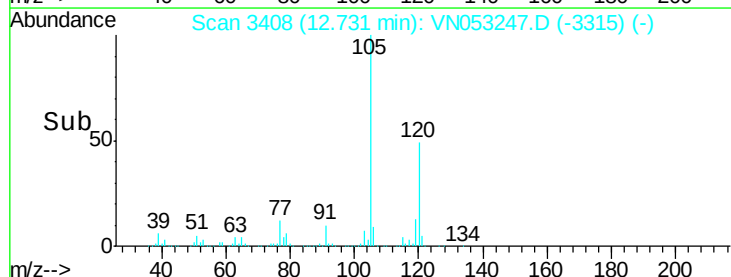
Ion Ratio Lower Upper

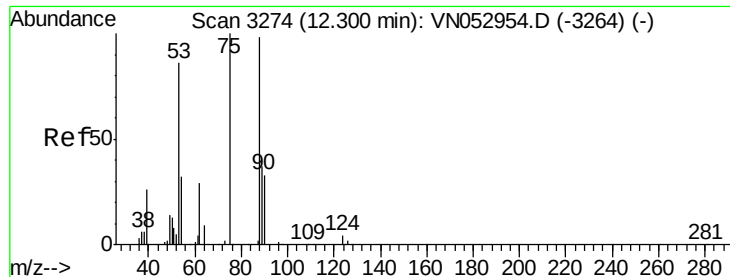
105 100

120 49.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN053247.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.915 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

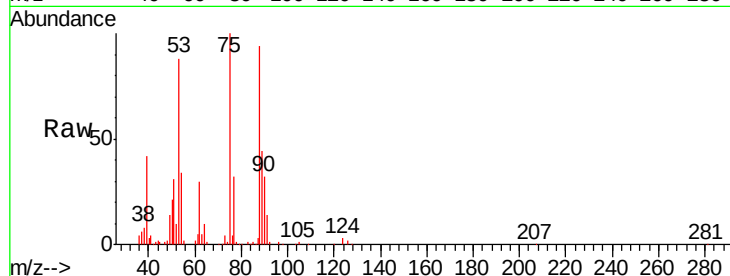
Tgt Ion: 75 Resp: 132679

Ion Ratio Lower Upper

75 100

53 90.4 74.7 112.1

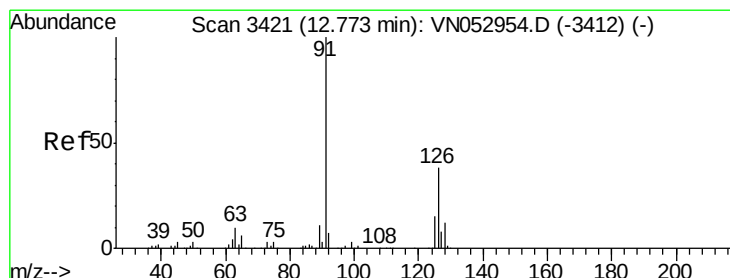
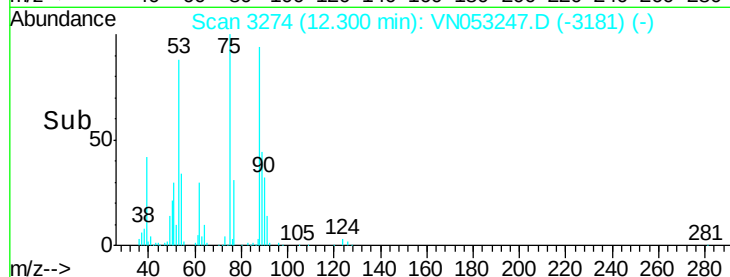
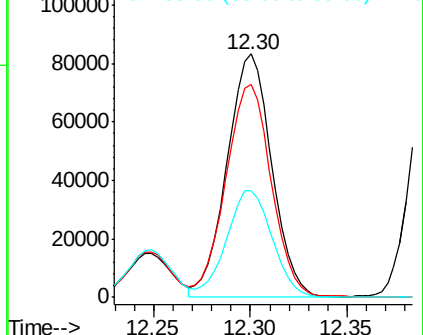
89 45.1 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 59.485 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053247.D

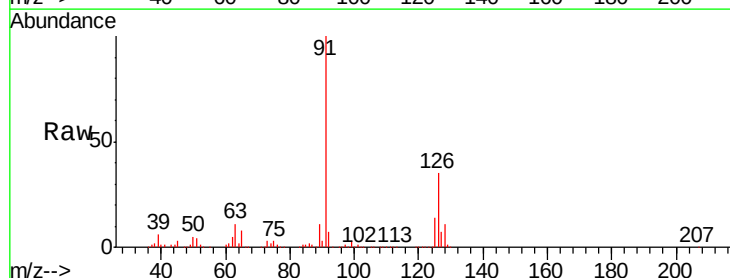
Acq: 2 Jan 2019 17:07

Tgt Ion: 91 Resp: 1573834

Ion Ratio Lower Upper

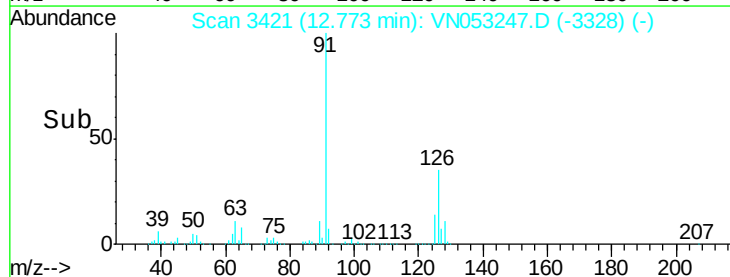
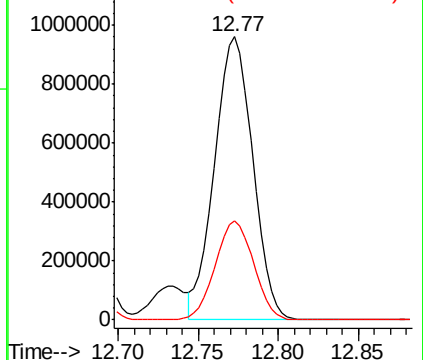
91 100

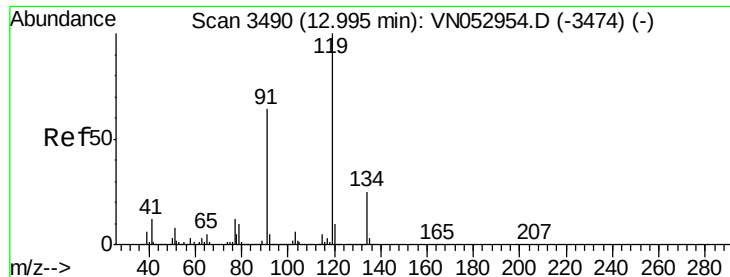
126 35.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

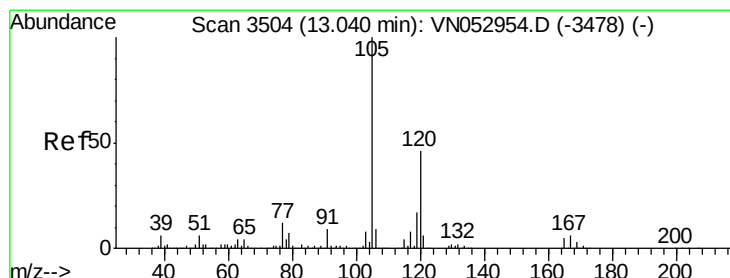
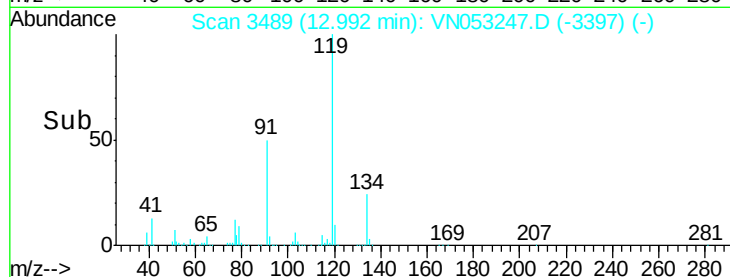
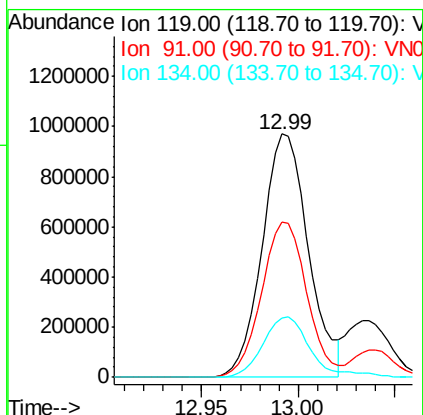
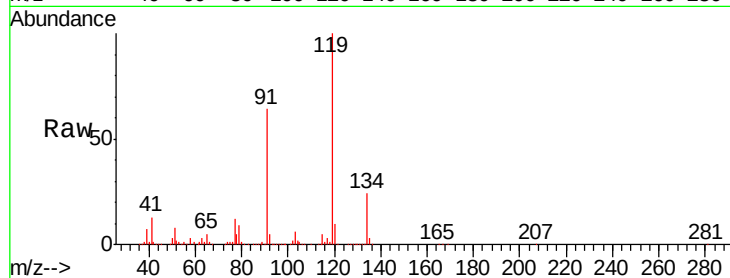




#83
 tert-Butylbenzene
 Concen: 58.773 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

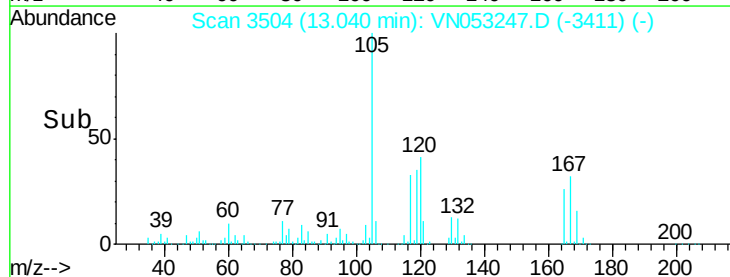
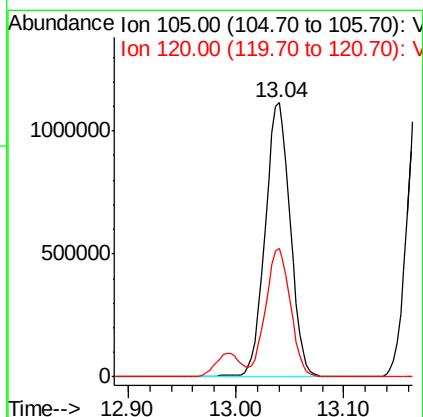
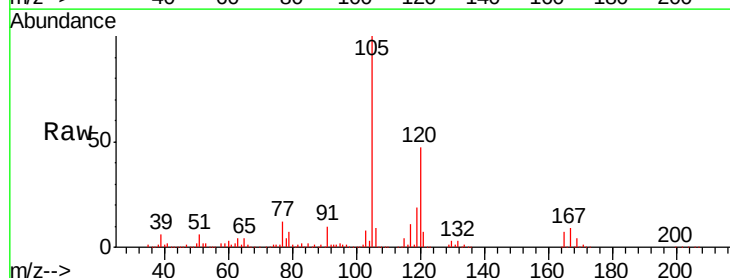
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

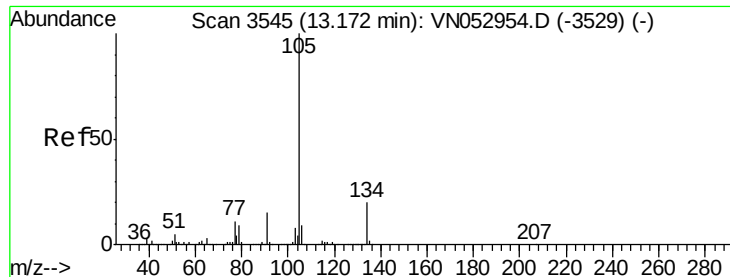
Tgt Ion:119 Resp: 1622056
 Ion Ratio Lower Upper
 119 100
 91 62.3 31.9 95.5
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 57.125 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion:105 Resp: 1792055
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 57.377 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

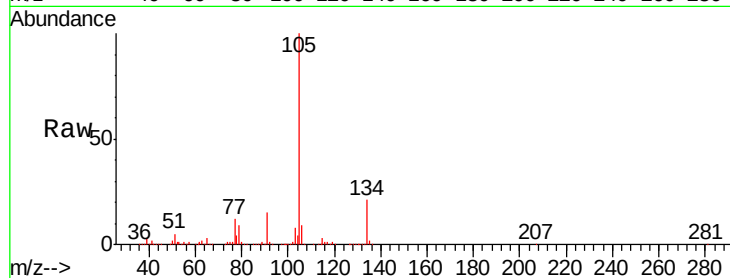
VSTDCCC050EC

Tgt Ion:105 Resp: 2141886

Ion Ratio Lower Upper

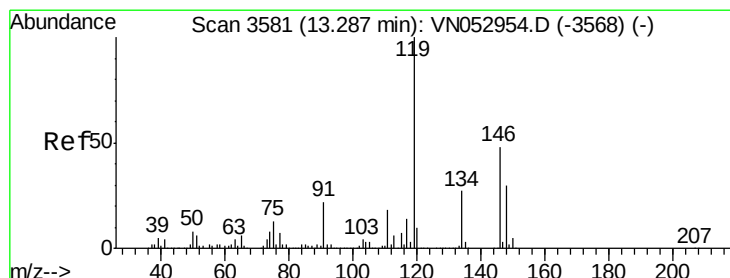
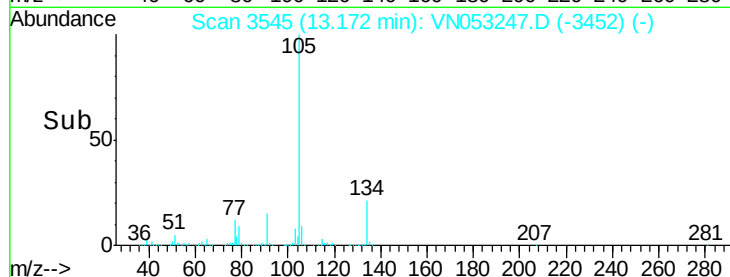
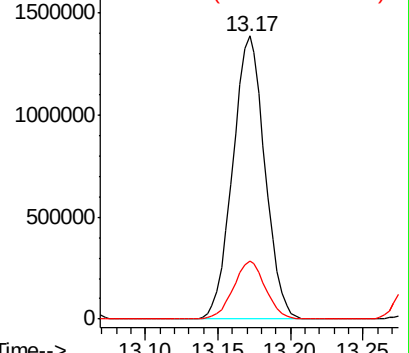
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.423 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

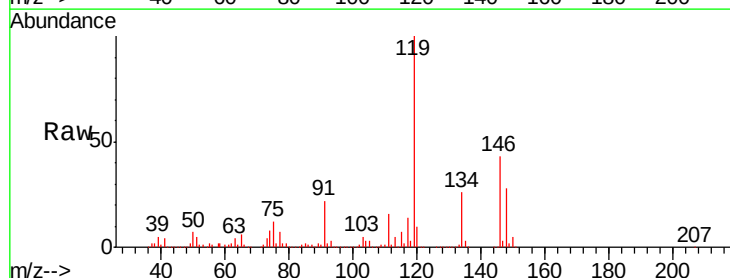
Tgt Ion:119 Resp: 1820014

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

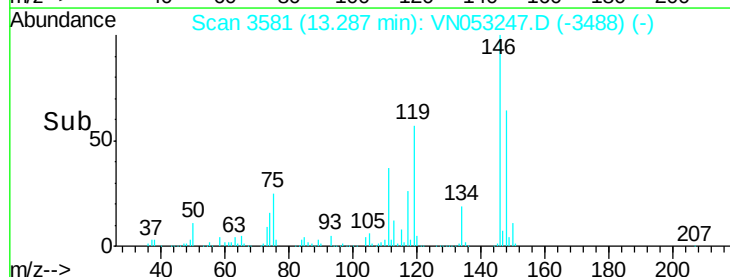
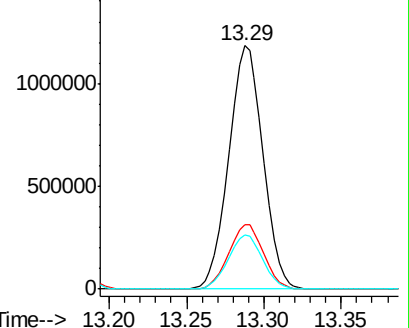
91 22.2 11.1 33.3

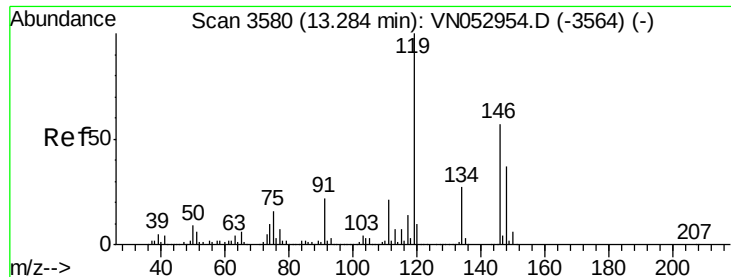


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

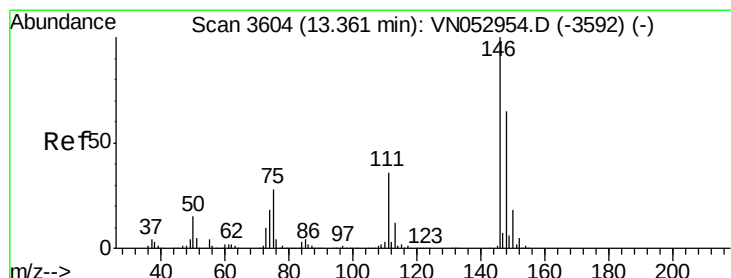
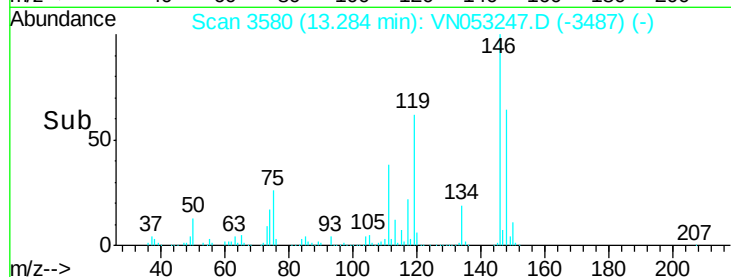
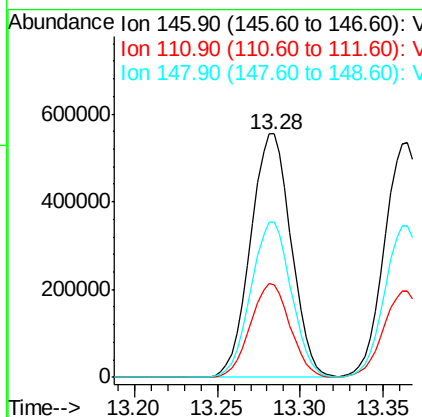
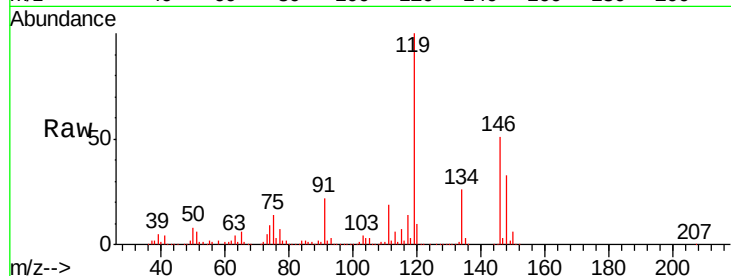




#87
 1,3-Dichlorobenzene
 Concen: 53.475 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

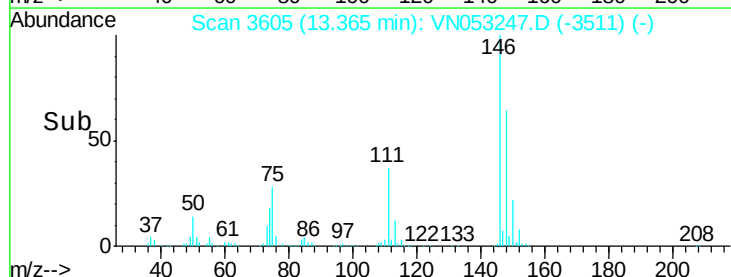
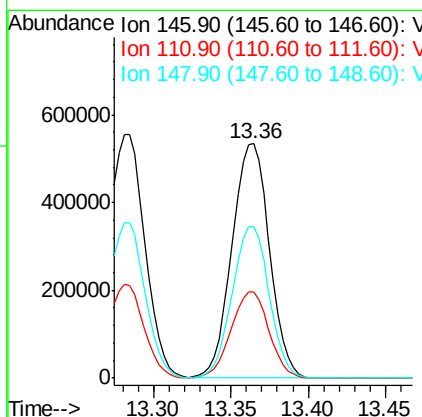
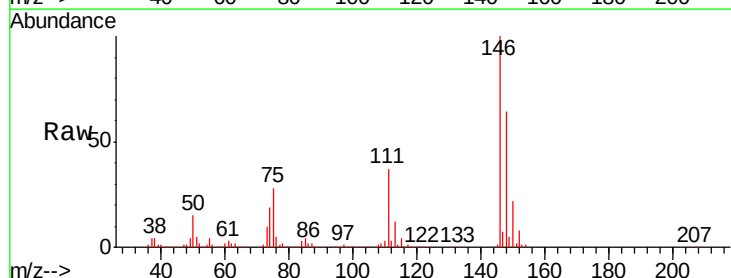
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

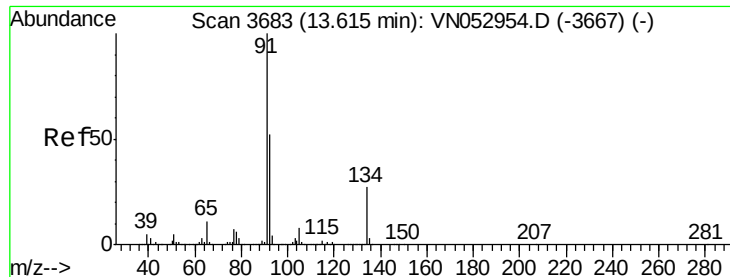
Tgt Ion:146 Resp: 941899
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.328 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion:146 Resp: 897730
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.8 32.1 96.5

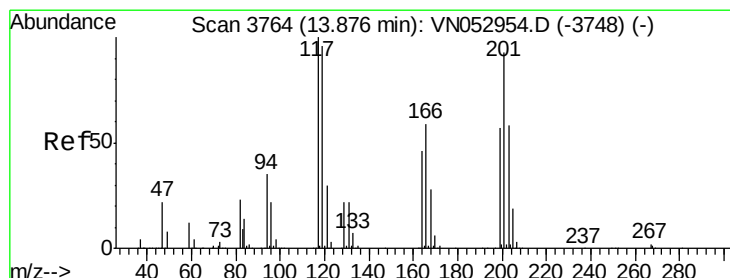
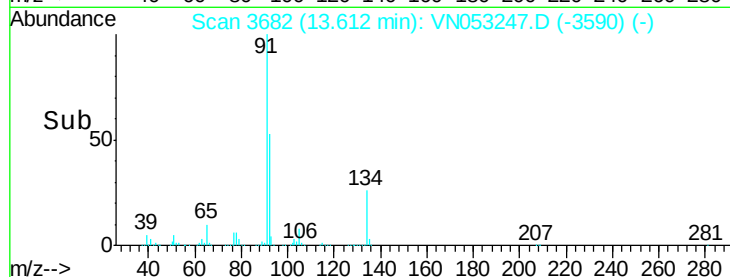
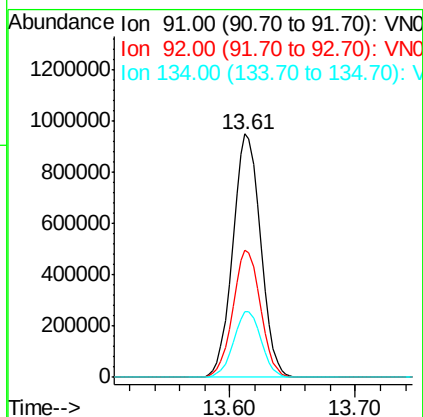
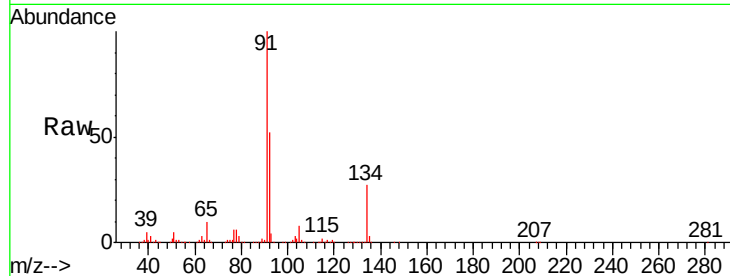




#89
n-Butylbenzene
Concen: 52.562 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

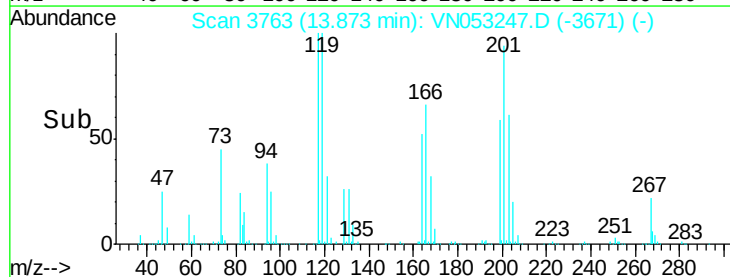
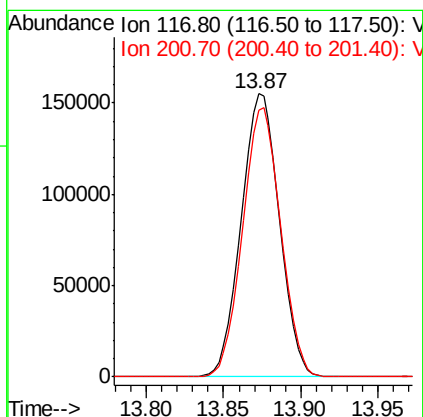
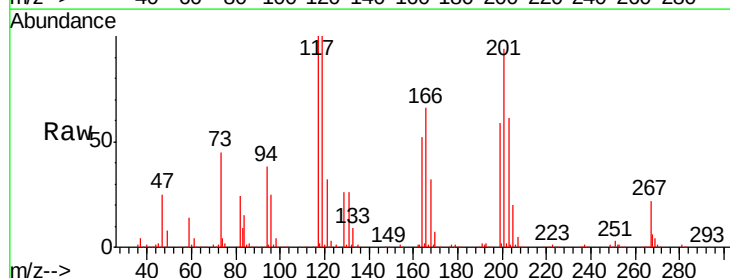
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

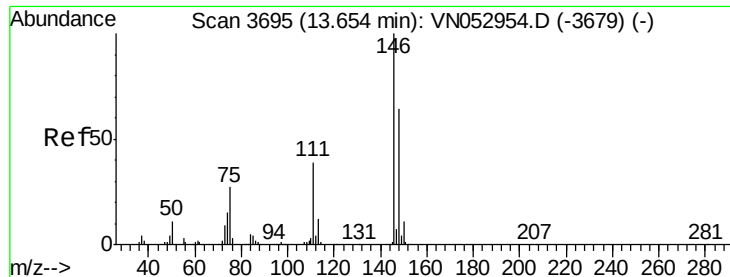
Tgt Ion: 91 Resp: 1458614
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 53.858 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053247.D
Acq: 2 Jan 2019 17:07

Tgt Ion: 117 Resp: 266599
Ion Ratio Lower Upper
117 100
201 94.7 45.7 137.1

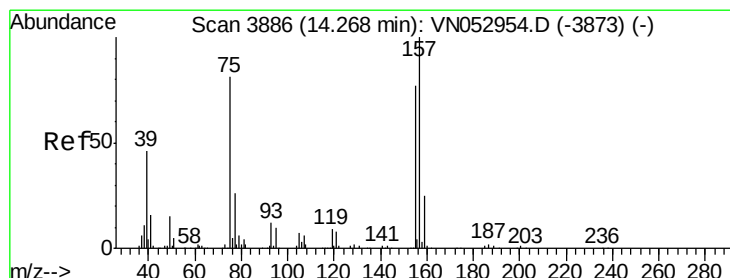
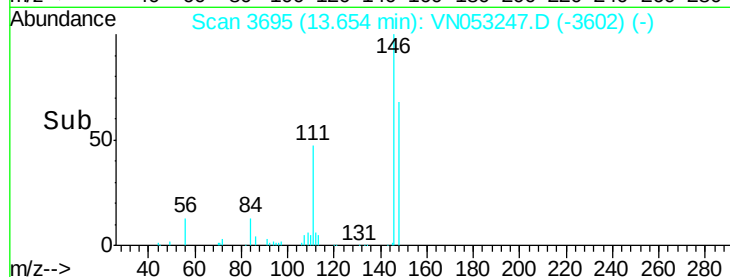
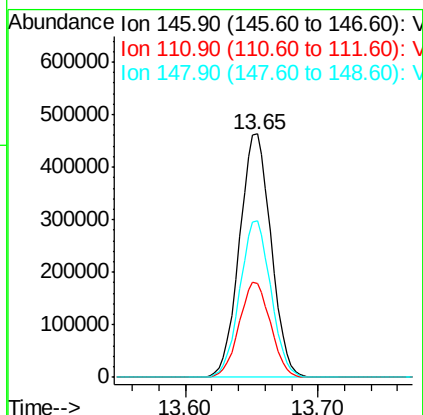
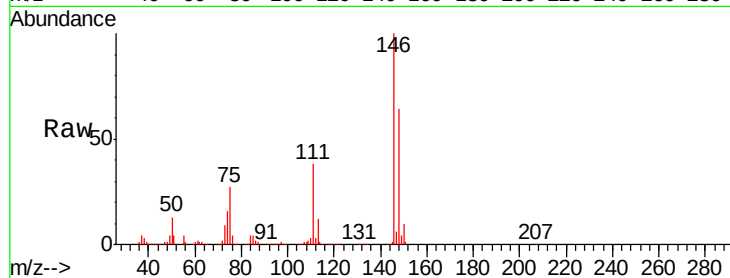




#91
 1,2-Dichlorobenzene
 Concen: 46.147 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

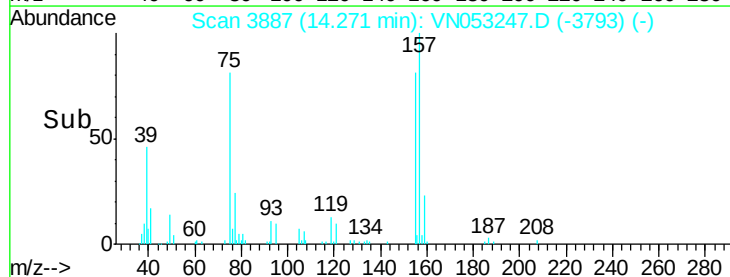
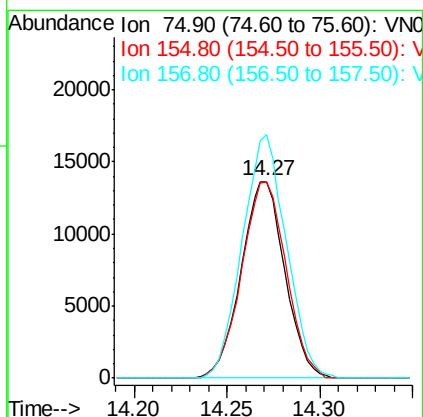
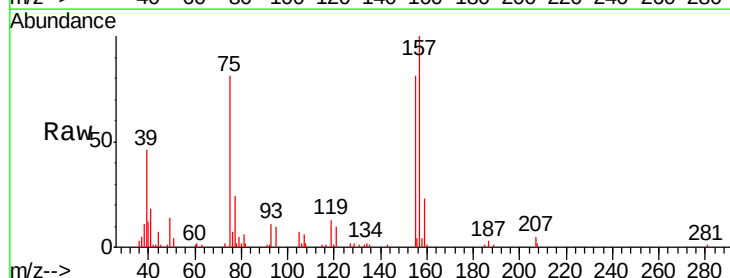
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

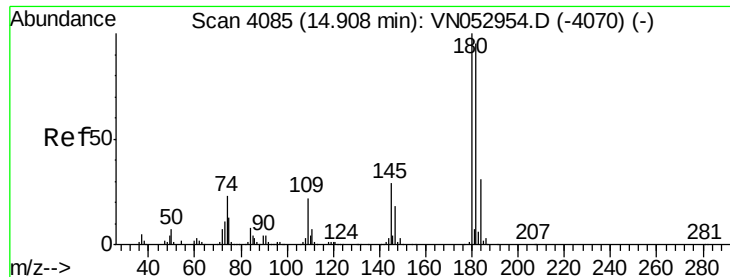
Tgt Ion:146 Resp: 764991
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 63.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.271 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion: 75 Resp: 22430
 Ion Ratio Lower Upper
 75 100
 155 101.4 48.2 144.6
 157 124.8 61.2 183.5

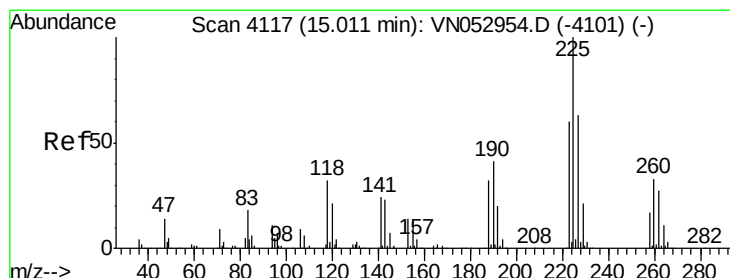
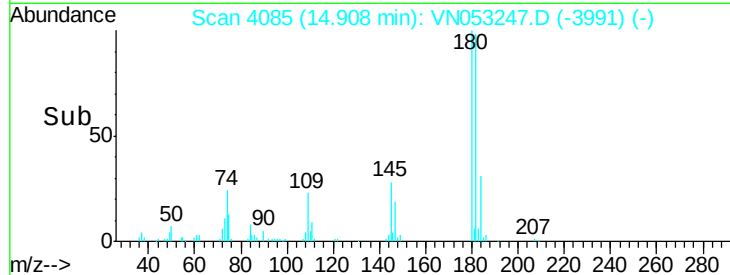
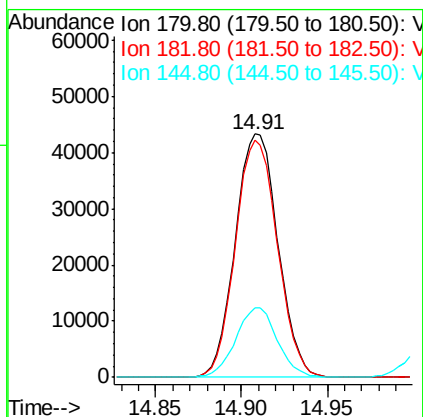
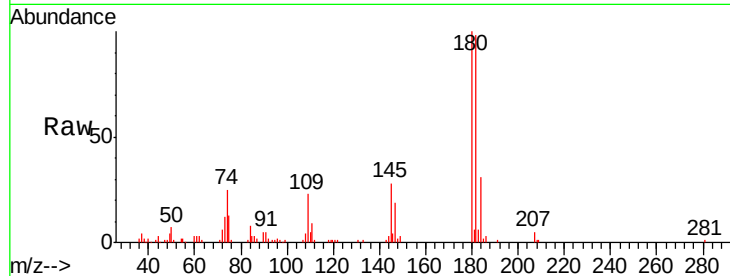




#93
 1,2,4-Trichlorobenzene
 Concen: 8.987 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

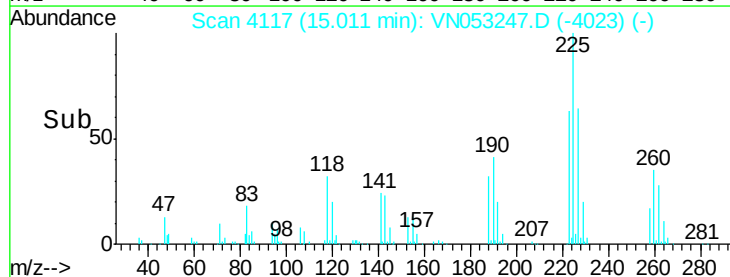
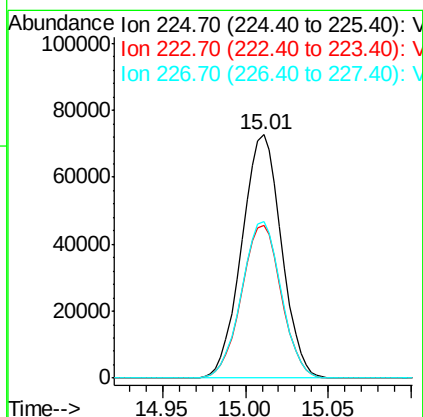
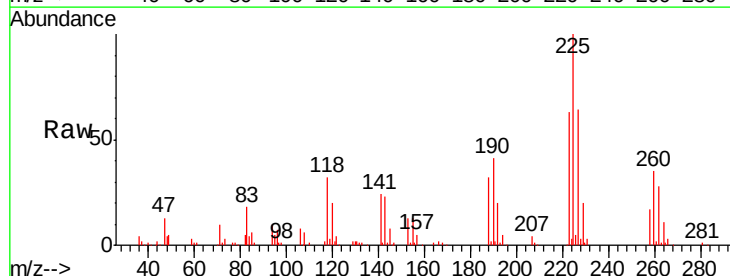
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

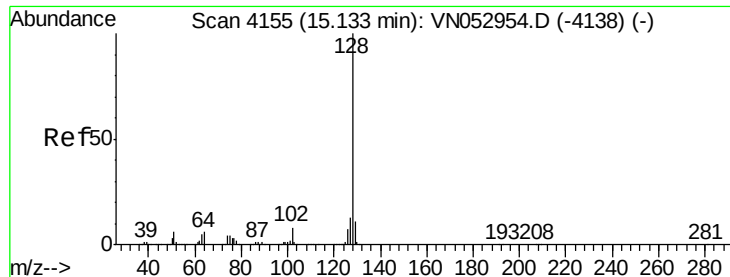
Tgt Ion:180 Resp: 74581
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.3
 145 27.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 25.168 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053247.D
 Acq: 2 Jan 2019 17:07

Tgt Ion:225 Resp: 120935
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.5 94.5
 227 64.4 31.9 95.7





#95

Naphthalene

Concen: 6.523 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

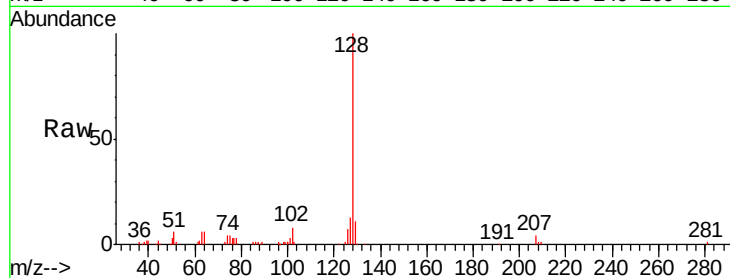
Tgt Ion:128 Resp: 105871

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

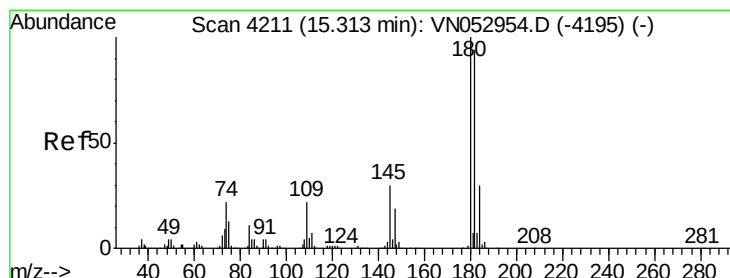
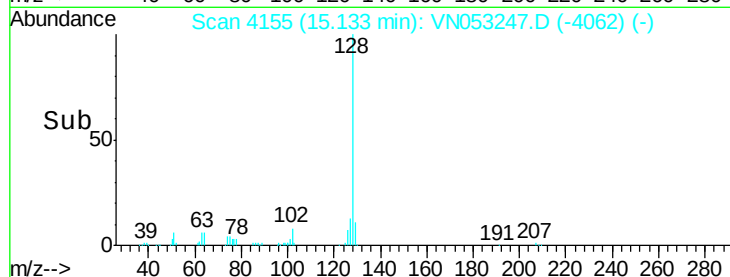
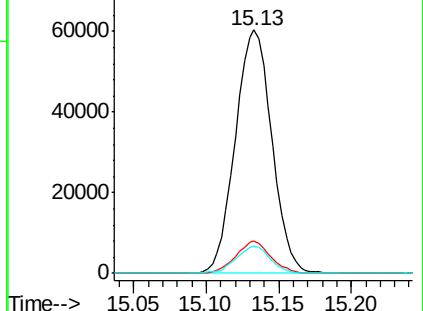
129 10.5 8.6 13.0



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: 5.263 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053247.D

Acq: 2 Jan 2019 17:07

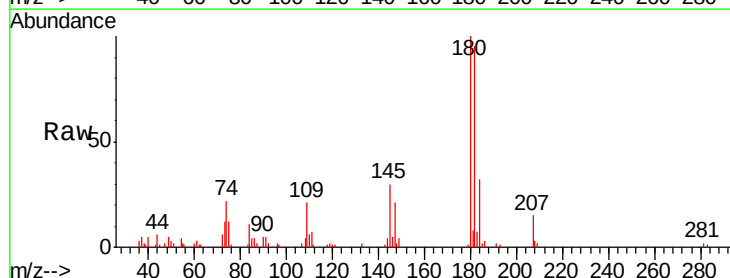
Tgt Ion:180 Resp: 37994

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 29.5 15.0 45.0



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

