

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056936.D
 Acq On : 25 Jul 2019 22:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 04:17:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 04:10:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	428868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	645791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	581065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	243037	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
35) Dibromofluoromethane	7.58	113	225159	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	
50) Toluene-d8	10.08	98	856034	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	
62) 4-Bromofluorobenzene	12.40	95	282737	55.34	ug/l	0.00
Spiked Amount			Recovery	=	110.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	268488	53.354	ug/l	100
3) Chloromethane	2.05	50	302610	54.747	ug/l	99
4) Vinyl Chloride	2.17	62	288787	55.486	ug/l	98
5) Bromomethane	2.54	94	173149	55.000	ug/l	99
6) Chloroethane	2.68	64	155605	53.860	ug/l	97
7) Trichlorofluoromethane	3.00	101	368774	54.364	ug/l	100
8) Diethyl Ether	3.39	74	141182	55.576	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	220003	52.782	ug/l	99
10) Methyl Iodide	3.93	142	337161	55.051	ug/l	100
11) Tert butyl alcohol	4.77	59	163668	255.651	ug/l	99
12) 1,1-Dichloroethene	3.72	96	222855	55.373	ug/l	98
13) Acrolein	3.59	56	89936	250.678	ug/l	99
14) Allyl chloride	4.30	41	351246	53.788	ug/l	99
15) Acrylonitrile	4.96	53	515696	279.913	ug/l	100
16) Acetone	3.80	43	377523	249.111	ug/l	100
17) Carbon Disulfide	4.03	76	575230	53.066	ug/l	99
18) Methyl Acetate	4.30	43	276035	52.026	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	668064	56.452	ug/l	100
20) Methylene Chloride	4.53	84	254071	52.941	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	233846	54.298	ug/l	98
22) Diisopropyl ether	5.93	45	744614	55.992	ug/l	98
23) Vinyl Acetate	5.87	43	2630042	287.099	ug/l	100
24) 1,1-Dichloroethane	5.83	63	427351	54.696	ug/l	99
25) 2-Butanone	6.82	43	620045	265.800	ug/l	100
26) 2,2-Dichloropropane	6.81	77	273085	47.626	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	268574	54.648	ug/l	99
28) Bromochloromethane	7.18	49	199808	55.414	ug/l	98
29) Tetrahydrofuran	7.19	42	428692	280.455	ug/l	100
30) Chloroform	7.36	83	422834	52.549	ug/l	99
31) Cyclohexane	7.64	56	399985	52.607	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	353169	54.805	ug/l	99
36) 1,1-Dichloropropene	7.78	75	316820	53.660	ug/l	99
37) Ethyl Acetate	6.91	43	261209	54.597	ug/l	99
38) Carbon Tetrachloride	7.76	117	306387	54.557	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	400017	55.591	ug/l	99
40) Benzene	8.03	78	990703	53.810	ug/l	99
41) Methacrylonitrile	7.19	41	372723	177.140	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	304693	53.581	ug/l	99
43) Isopropyl Acetate	8.15	43	426284	54.157	ug/l #	91
44) Trichloroethene	8.82	130	272229	54.200	ug/l	100
45) 1,2-Dichloropropane	9.11	63	265226	53.604	ug/l	99
46) Dibromomethane	9.20	93	163850	54.931	ug/l	99
47) Bromodichloromethane	9.39	83	313747	53.863	ug/l	98
48) Methyl methacrylate	9.19	41	211192	55.893	ug/l	99
49) 1,4-Dioxane	9.19	88	86490	1093.149	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1287132	275.034	ug/l	100
52) Toluene	10.15	92	612476	55.466	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	326039	55.518	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	378650	54.769	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	235134	53.133	ug/l	99
56) Ethyl methacrylate	10.42	69	341868	57.457	ug/l	100
57) 1,3-Dichloropropane	10.70	76	392837	54.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	670980	249.445	ug/l	99
59) 2-Hexanone	10.74	43	894926	278.933	ug/l	99
60) Dibromochloromethane	10.90	129	249662	55.527	ug/l	100
61) 1,2-Dibromoethane	11.00	107	242086	55.111	ug/l	99
64) Tetrachloroethene	10.62	164	284847	53.667	ug/l	99
65) Chlorobenzene	11.43	112	659995	54.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	242007	53.527	ug/l	97
67) Ethyl Benzene	11.50	91	1152750	55.073	ug/l	100
68) m/p-Xylenes	11.61	106	854636	109.498	ug/l	98
69) o-Xylene	11.94	106	420609	55.072	ug/l	100
70) Styrene	11.96	104	702668	52.662	ug/l	99
71) Bromoform	12.12	173	174101	55.441	ug/l #	99
73) Isopropylbenzene	12.24	105	1121531	57.370	ug/l	99
74) N-amyl acetate	12.06	43	352794	53.017	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	302814	56.700	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	366792	80.831	ug/l #	100
77) Bromobenzene	12.52	156	290294	50.117	ug/l	99
78) n-propylbenzene	12.59	91	1234013	51.546	ug/l	100
79) 2-Chlorotoluene	12.67	91	736115	56.735	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	944003	50.431	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	82040	51.889	ug/l	99
82) 4-Chlorotoluene	12.77	91	718203	52.450	ug/l	99
83) tert-Butylbenzene	12.99	119	810354	57.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	932321	52.597	ug/l	99
85) sec-Butylbenzene	13.17	105	1063666	51.002	ug/l	100
86) p-Isopropyltoluene	13.28	119	957598	51.962	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	465590	53.722	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	445115	53.636	ug/l	99
89) n-Butylbenzene	13.61	91	764929	53.741	ug/l	100
90) Hexachloroethane	13.87	117	159647	55.093	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	461392	52.559	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	47632	53.439	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jul 26 04:10:25 2019
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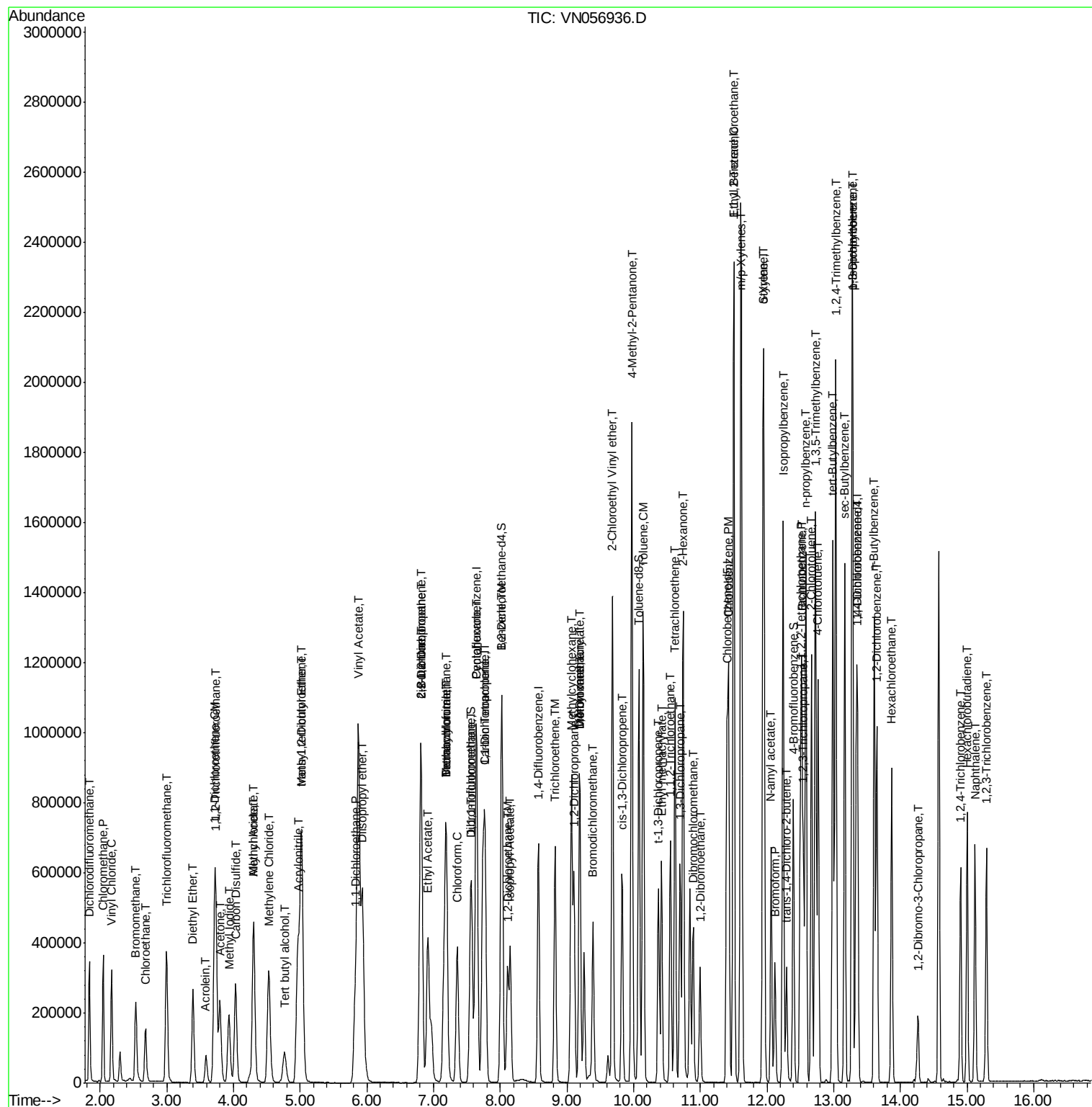
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	215441	47.349	ug/l	100
94) Hexachlorobutadiene	15.00	225	166784	56.466	ug/l	99
95) Naphthalene	15.12	128	575131	48.940	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	239542	50.294	ug/l	97

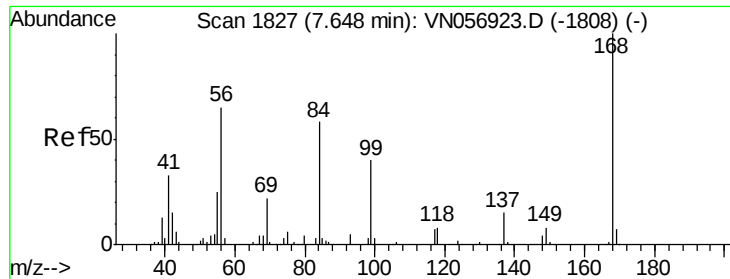
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

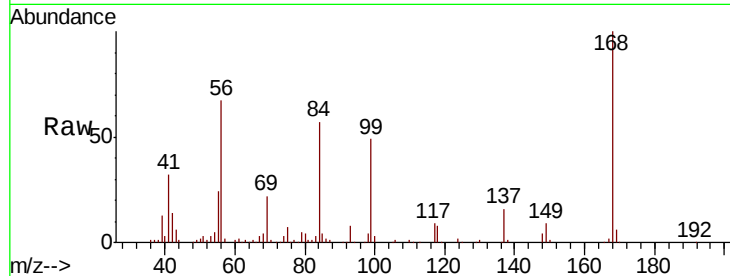
VSTDCCC050EC

Tot Ion:168 Resp: 428868

Ion Ratio Lower Upper

168 100

99 48.4 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

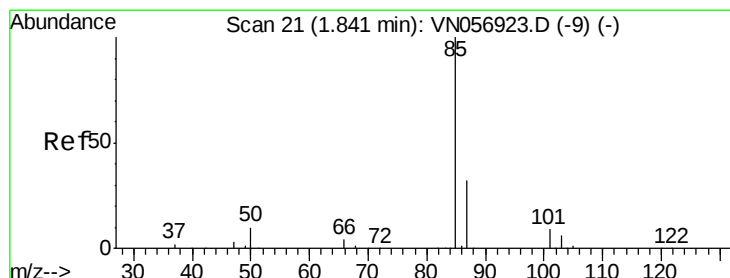
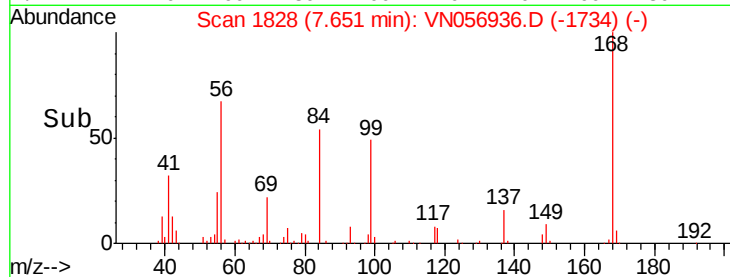
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 53.354 ug/l

RT: 1.84 min Scan# 21

Delta R.T. -0.00 min

Lab File: VN056936.D

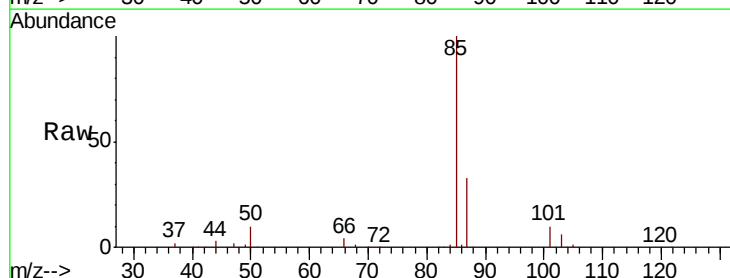
Acq: 25 Jul 2019 22:24

Tgt Ion: 85 Resp: 268488

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

200000

150000

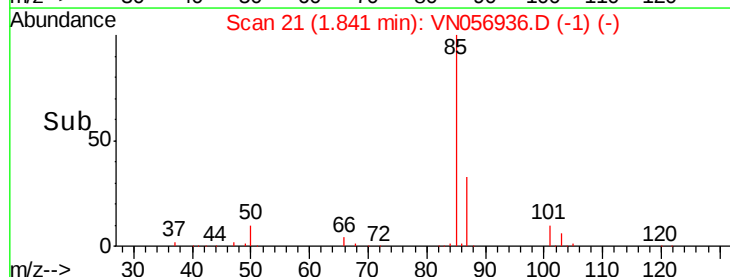
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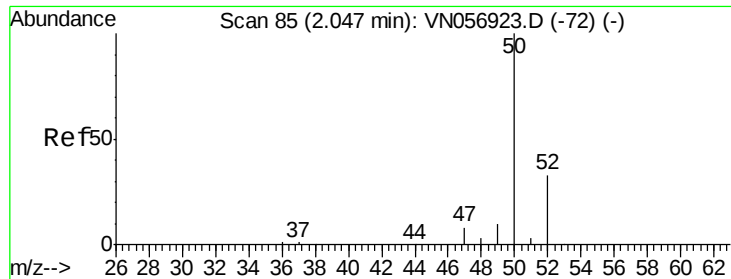
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 54.747 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

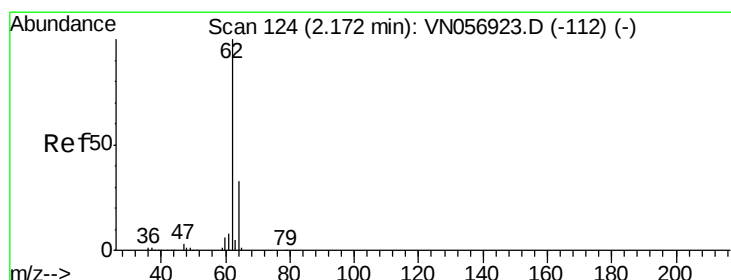
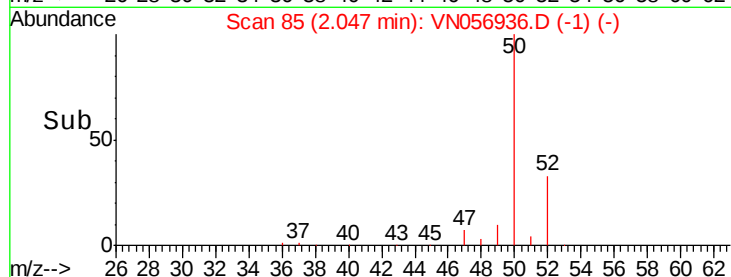
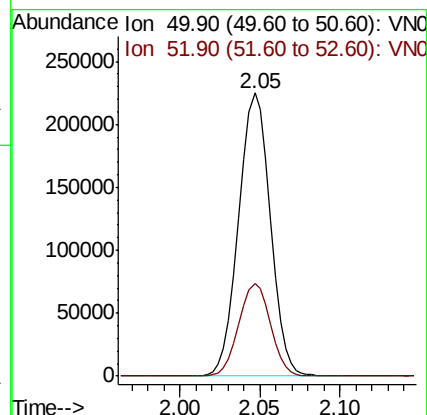
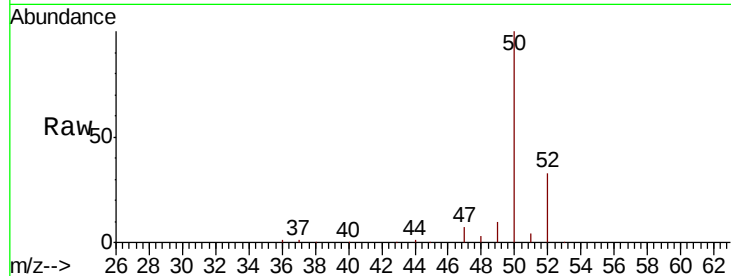
VSTDCCC050EC

Tot Ion: 50 Resp: 302610

Ion Ratio Lower Upper

50 100

52 32.9 26.8 40.2



#4

Vinyl Chloride

Concen: 55.486 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN056936.D

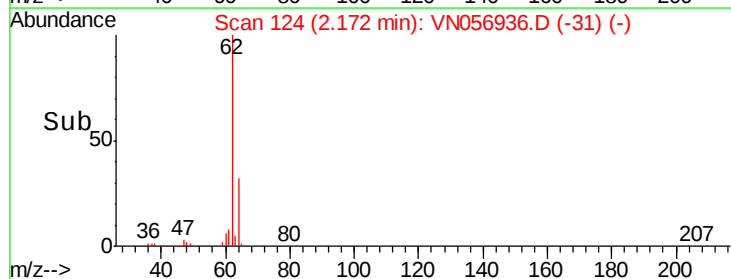
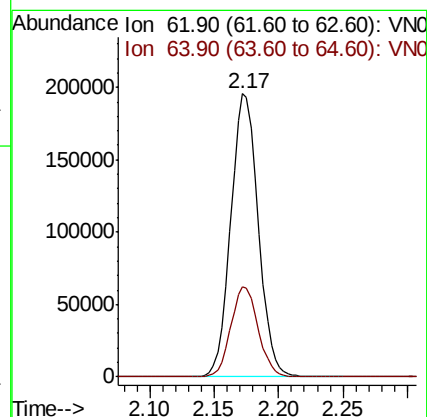
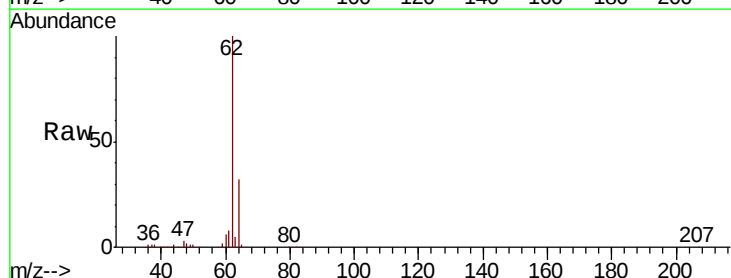
Acq: 25 Jul 2019 22:24

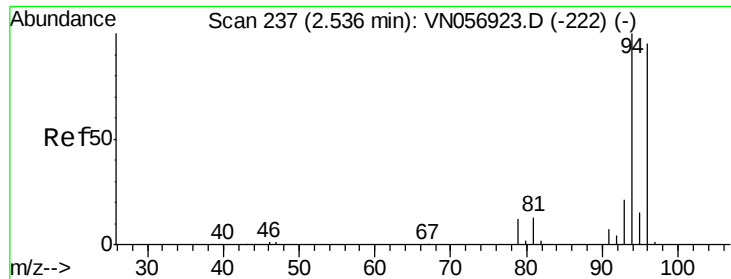
Tgt Ion: 62 Resp: 288787

Ion Ratio Lower Upper

62 100

64 31.9 26.4 39.6

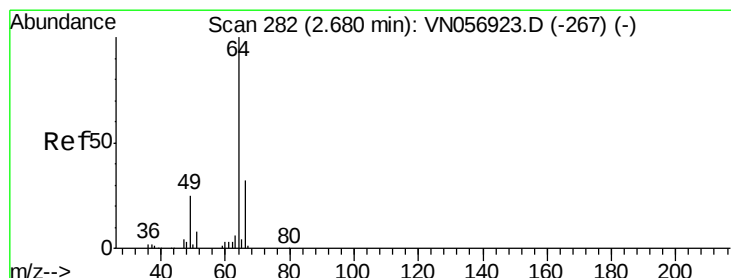
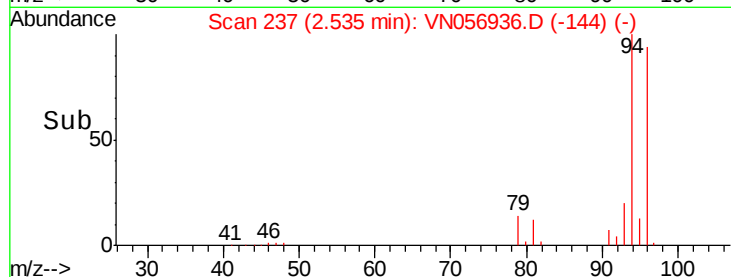
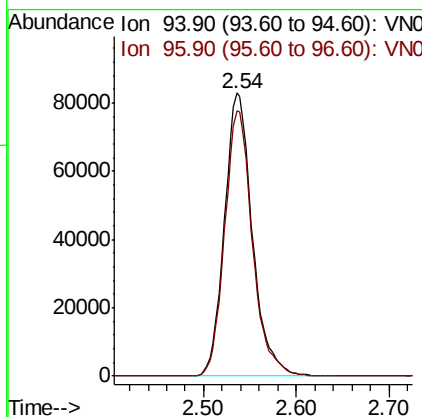
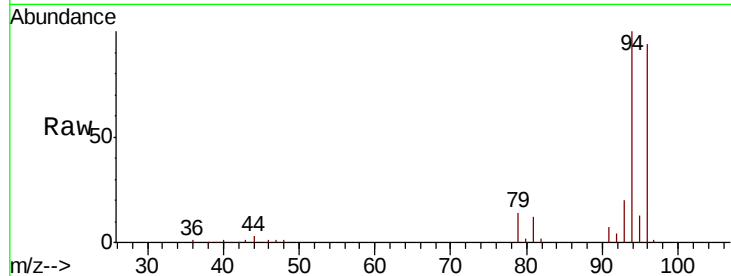




#5
Bromomethane
Concen: 55.000 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

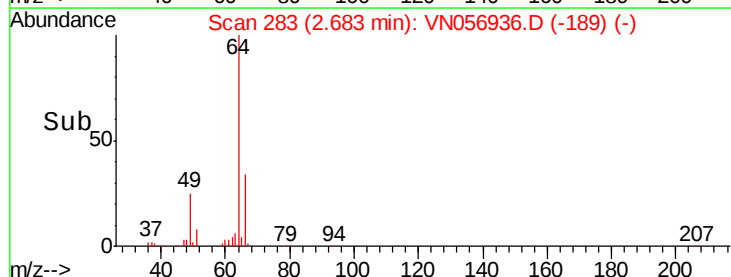
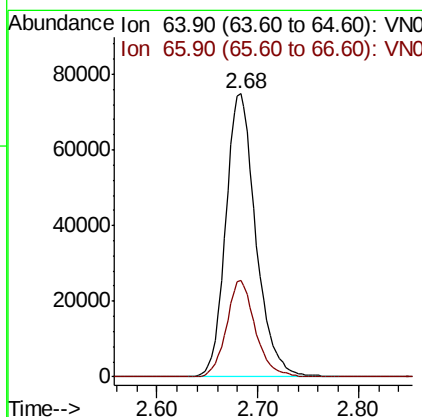
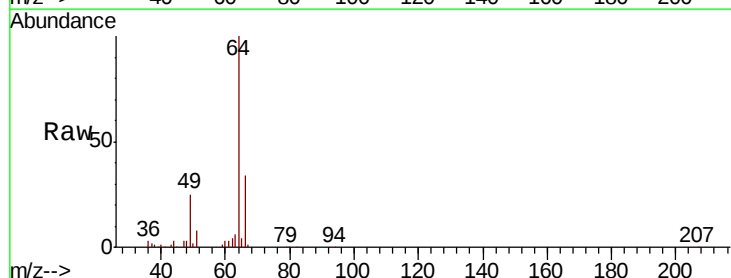
Instrument :
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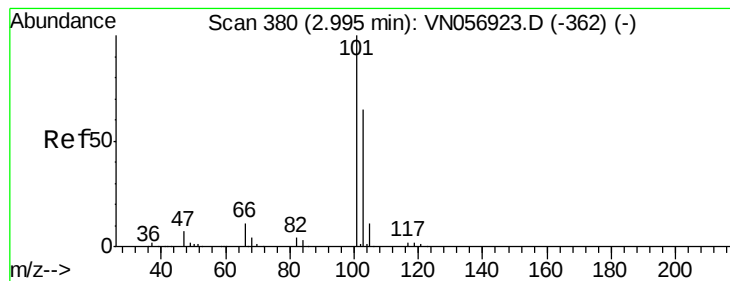
Tot Ion: 94 Resp: 173149
Ion Ratio Lower Upper
94 100
96 93.8 75.7 113.5



#6
Chloroethane
Concen: 53.860 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 64 Resp: 155605
Ion Ratio Lower Upper
64 100
66 33.9 25.8 38.6



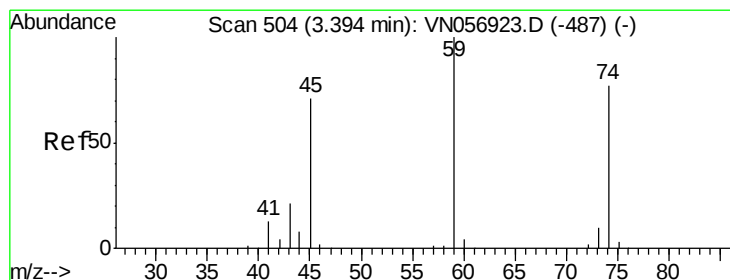
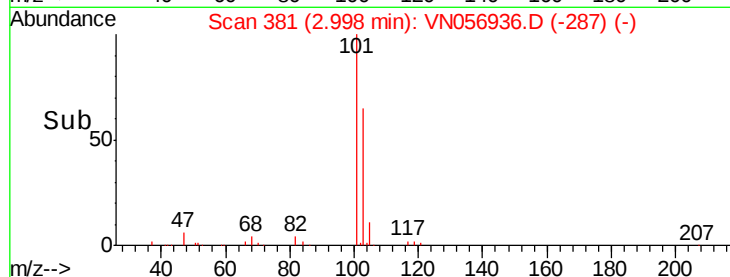
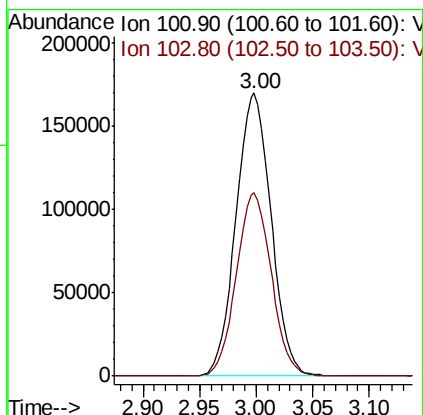
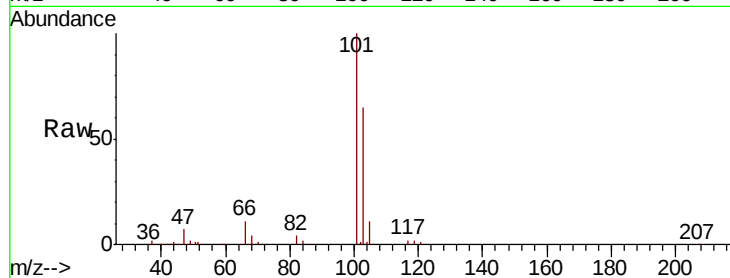


#7

Trichlorofluoromethane
 Concen: 54.364 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
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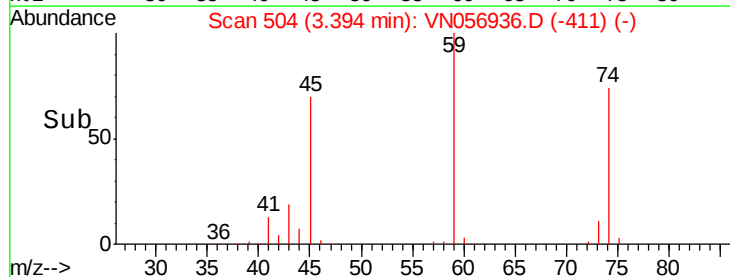
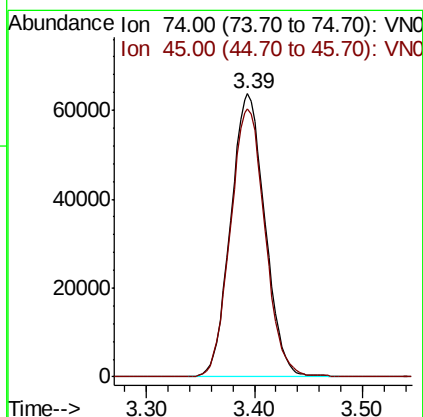
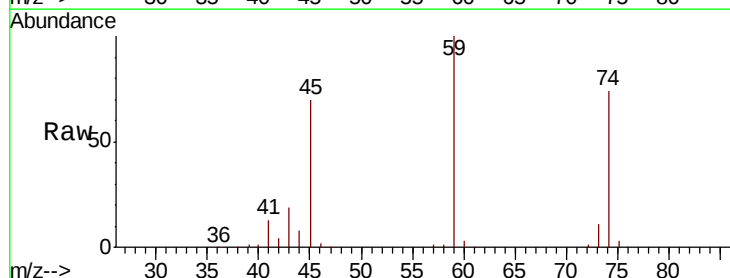
Tot Ion:101 Resp: 368774
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0

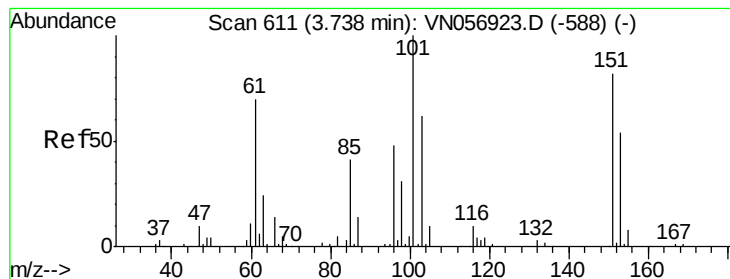


#8

Diethyl Ether
 Concen: 55.576 ug/l
 RT: 3.39 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 74 Resp: 141182
 Ion Ratio Lower Upper
 74 100
 45 95.7 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.782 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

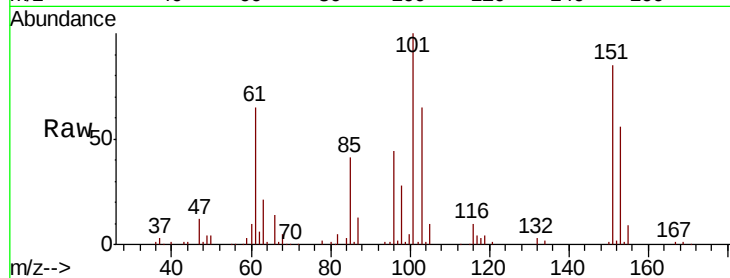
Tot Ion:101 Resp: 220003

Ion Ratio Lower Upper

101 100

85 40.7 32.7 49.1

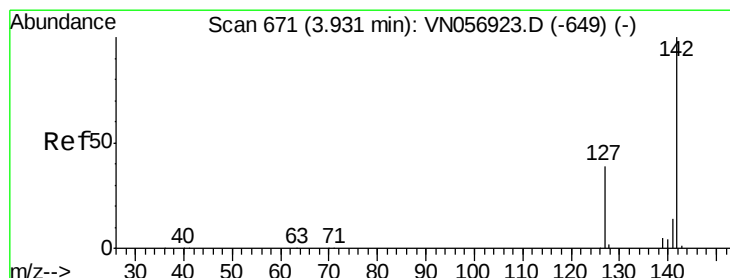
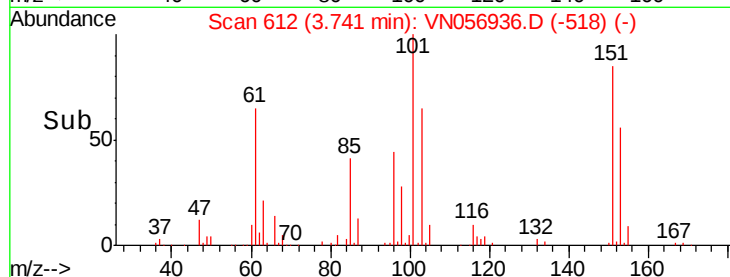
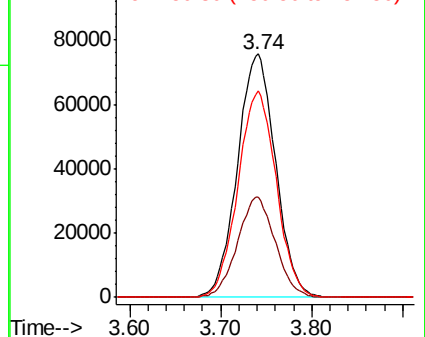
151 85.2 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.051 ug/l

RT: 3.93 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

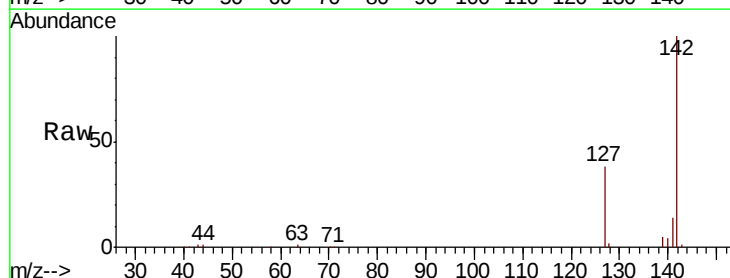
Tgt Ion:142 Resp: 337161

Ion Ratio Lower Upper

142 100

127 38.1 30.5 45.7

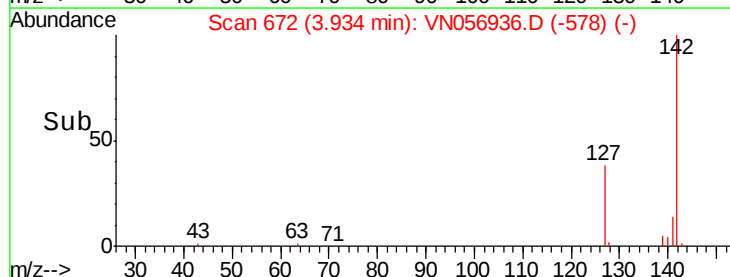
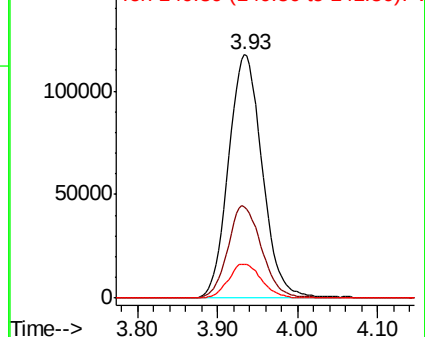
141 13.9 11.1 16.7

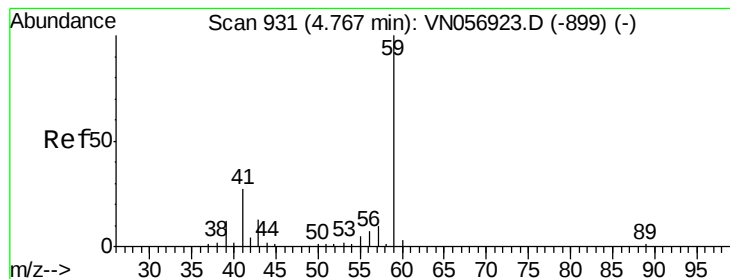


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



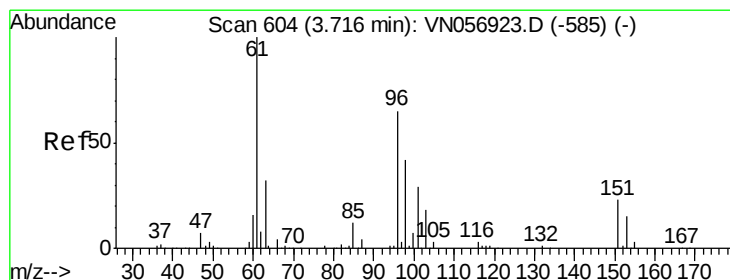
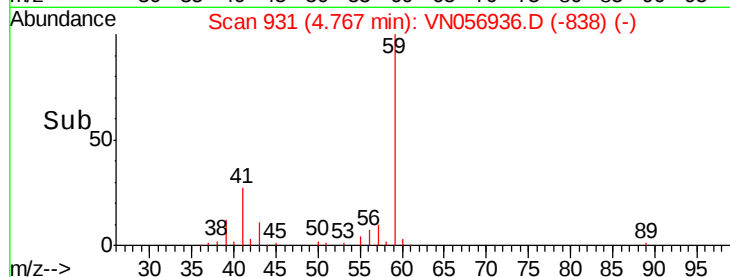
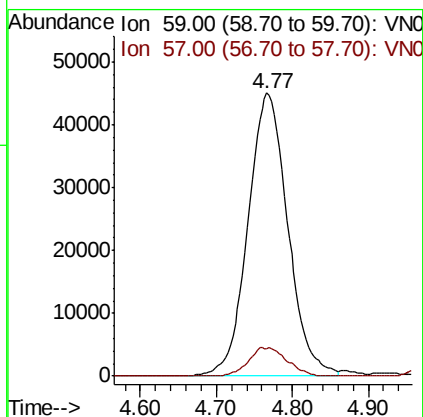
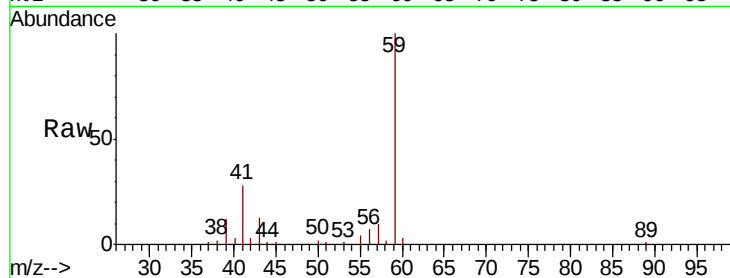


#11

Tert butyl alcohol
 Concen: 255.651 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

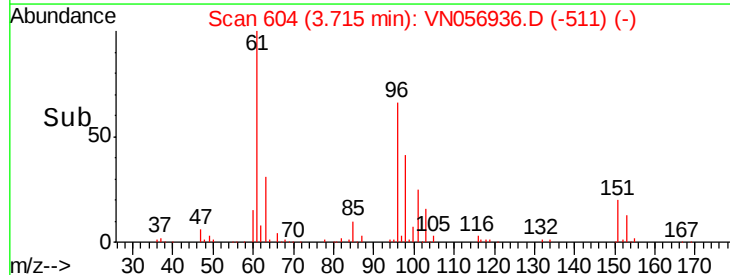
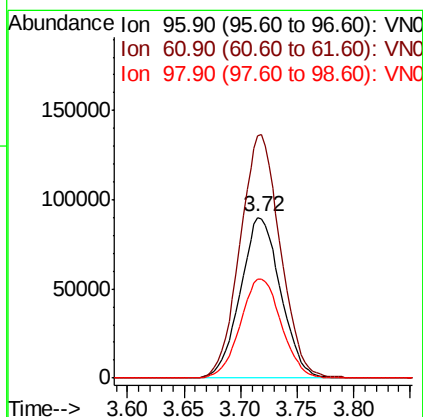
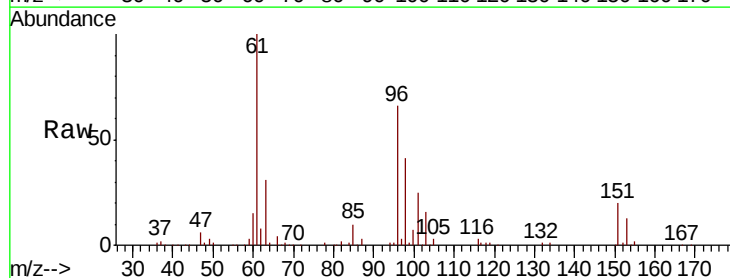
Tot Ion: 59 Resp: 163668
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.6 11.4

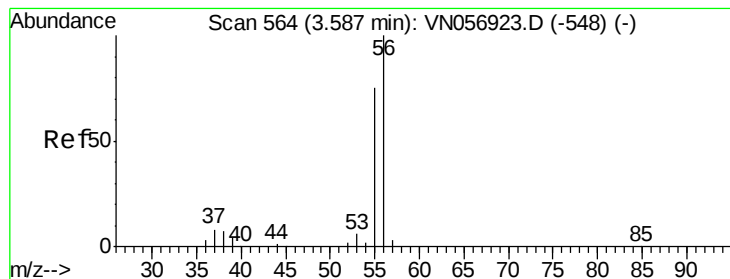


#12

1,1-Dichloroethene
 Concen: 55.373 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 96 Resp: 222855
 Ion Ratio Lower Upper
 96 100
 61 150.5 122.4 183.6
 98 61.6 51.3 76.9





#13

Acrolein

Concen: 250.678 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

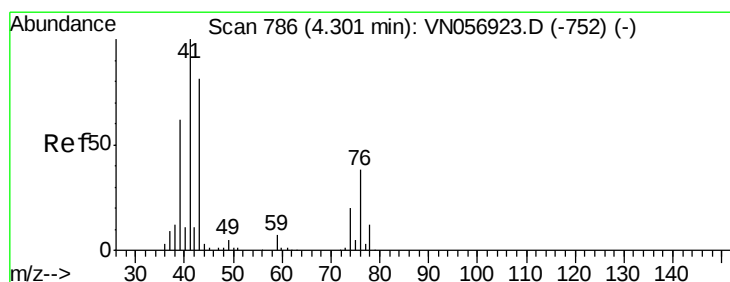
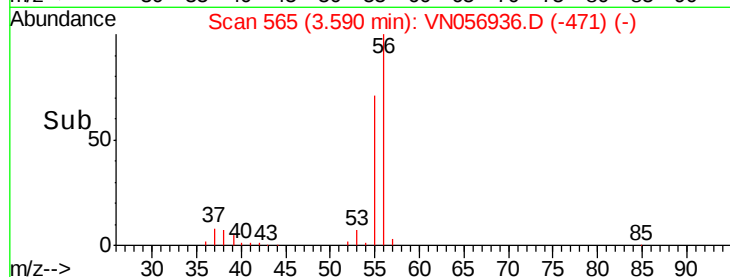
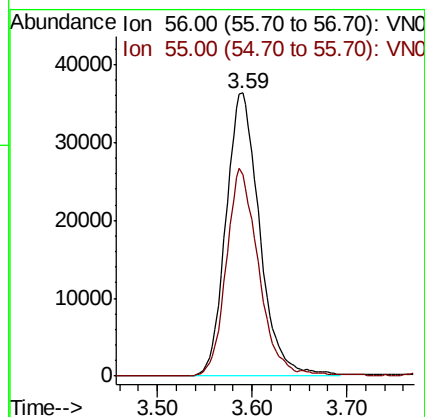
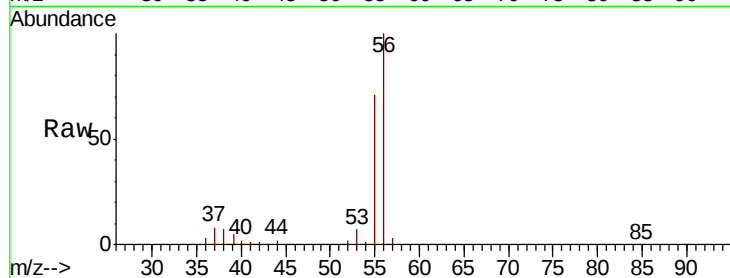
VSTDCCC050EC

Tot Ion: 56 Resp: 89936

Ion Ratio Lower Upper

56 100

55 70.8 57.5 86.3



#14

Allyl chloride

Concen: 53.788 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

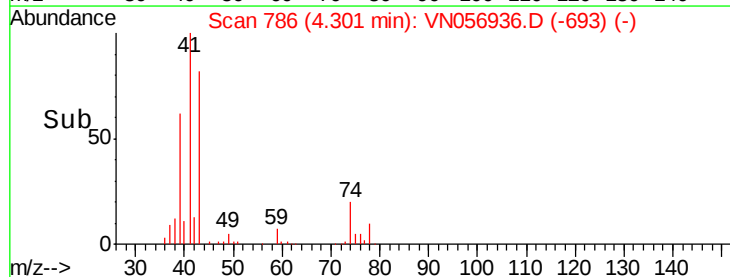
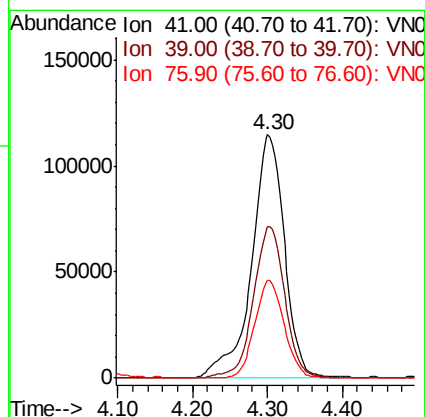
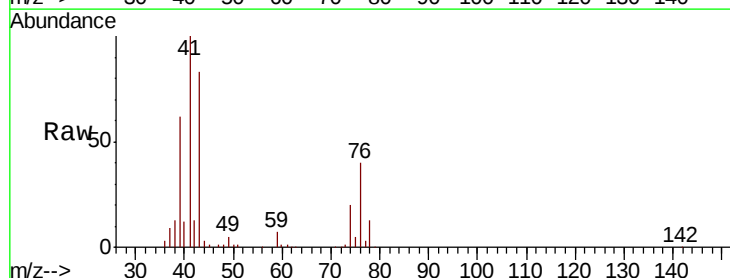
Tgt Ion: 41 Resp: 351246

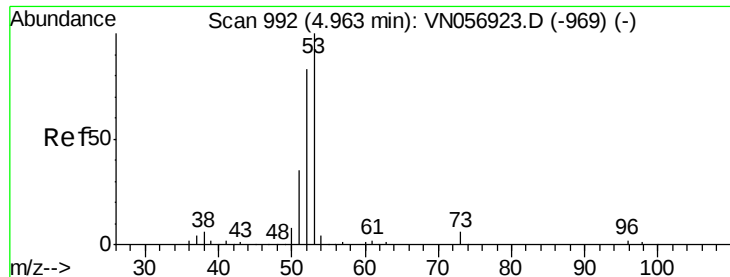
Ion Ratio Lower Upper

41 100

39 59.5 47.5 71.3

76 36.1 28.0 42.0





#15

Acrylonitrile

Concen: 279.913 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

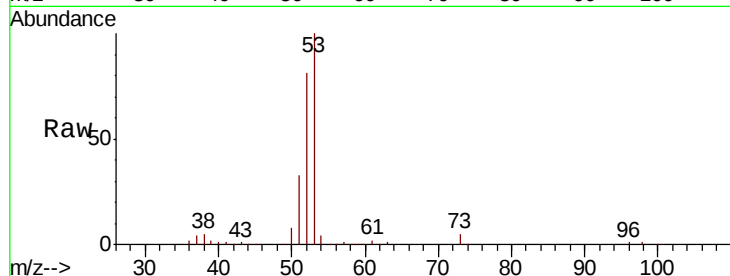
Tot Ion: 53 Resp: 515696

Ion Ratio Lower Upper

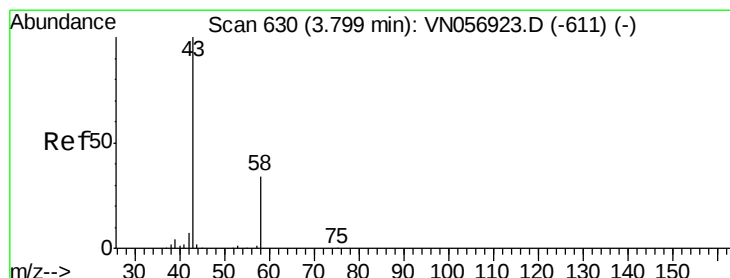
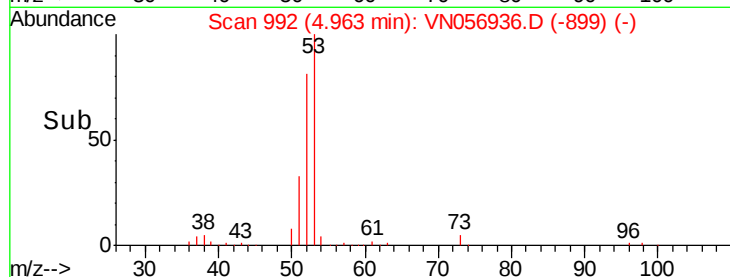
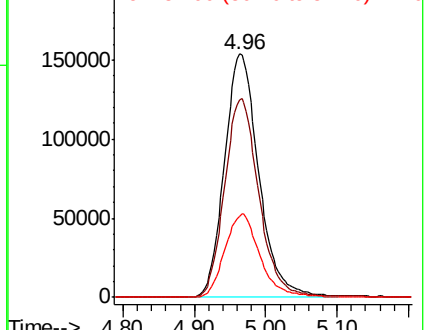
53 100

52 81.6 65.5 98.3

51 35.0 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 249.111 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN056936.D

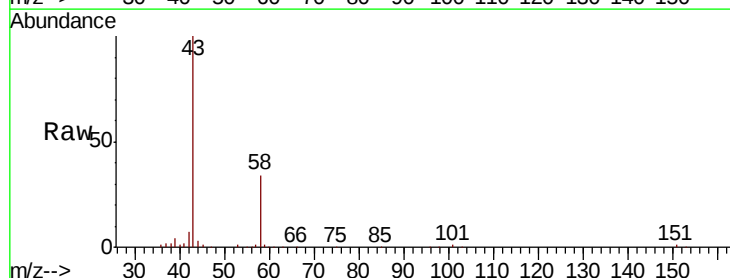
Acq: 25 Jul 2019 22:24

Tgt Ion: 43 Resp: 377523

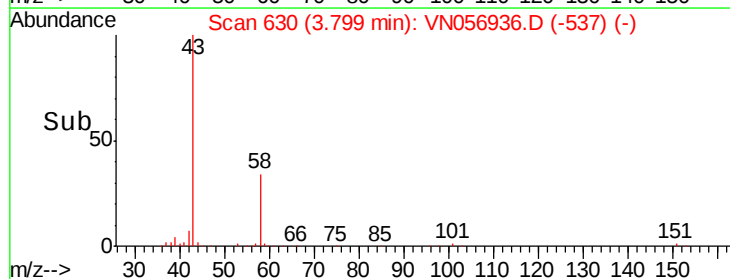
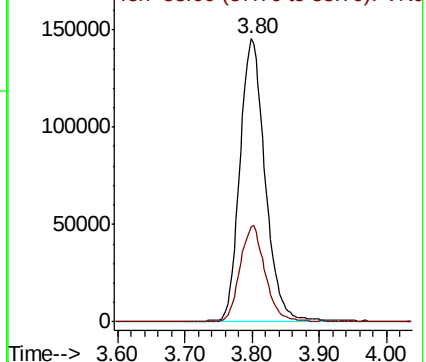
Ion Ratio Lower Upper

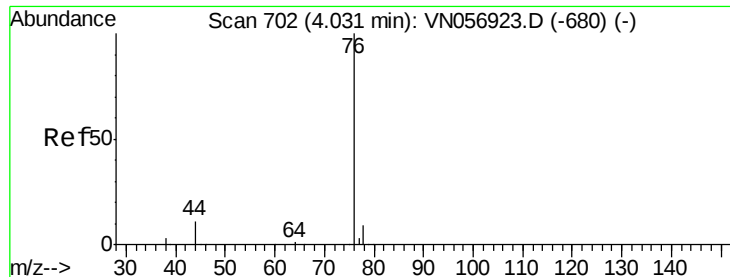
43 100

58 33.9 27.3 40.9



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

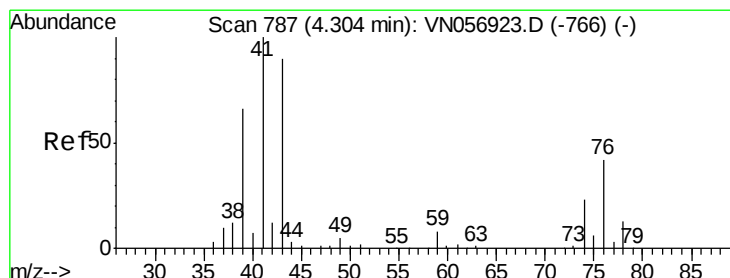
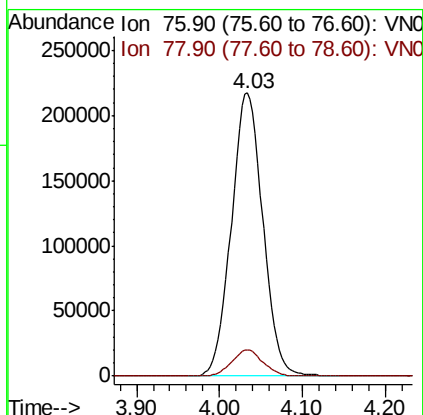
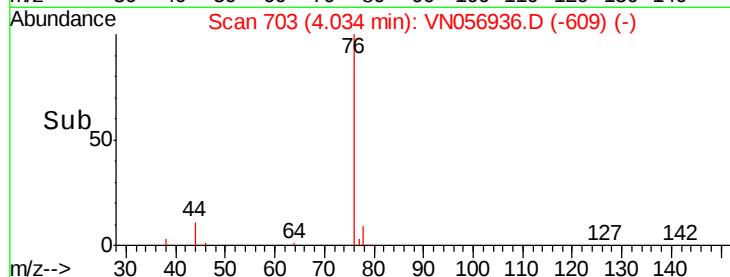
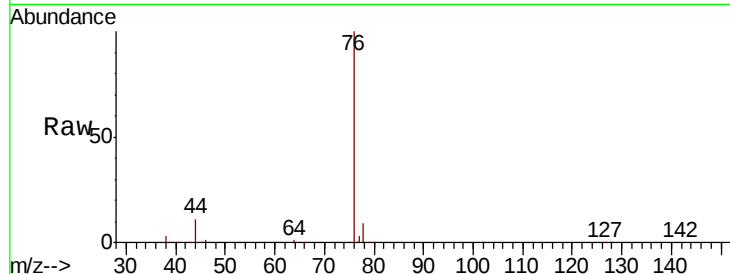




#17
Carbon Disulfide
Concen: 53.066 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

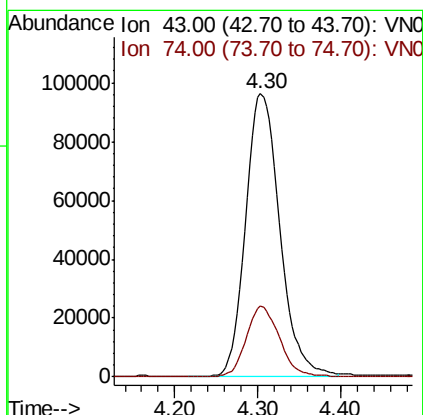
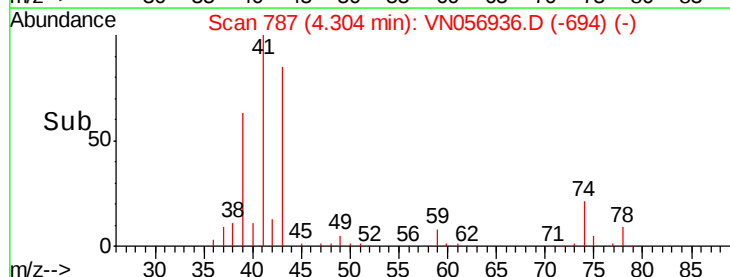
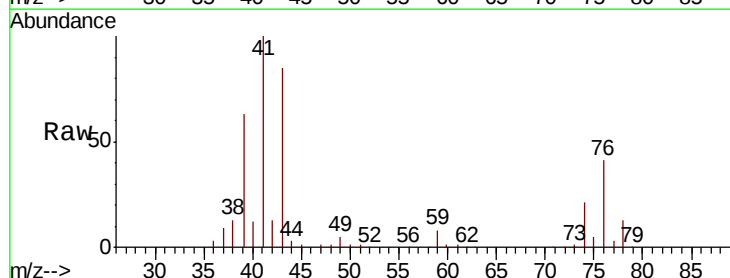
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

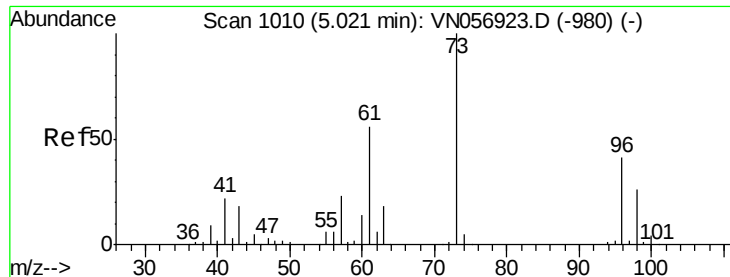
Tot Ion: 76 Resp: 575230
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 52.026 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 43 Resp: 276035
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0

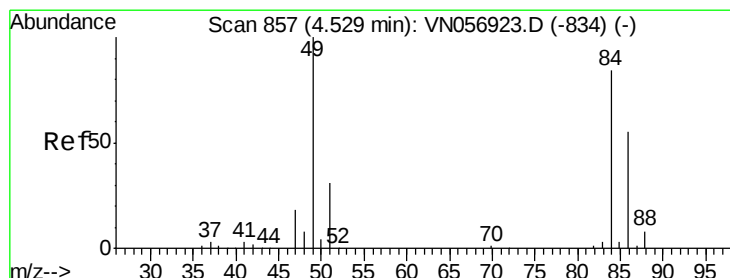
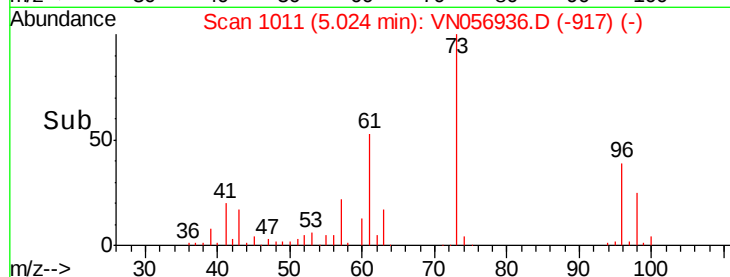
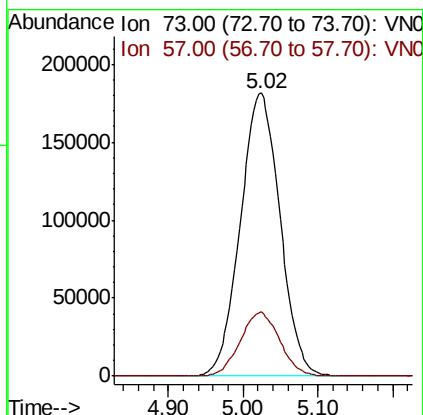
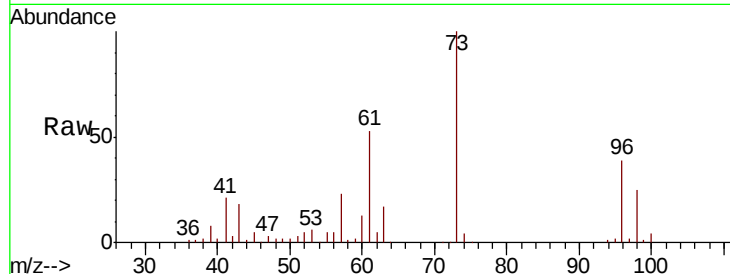




#19
Methvl tert-butvl Ether
Concen: 56.452 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

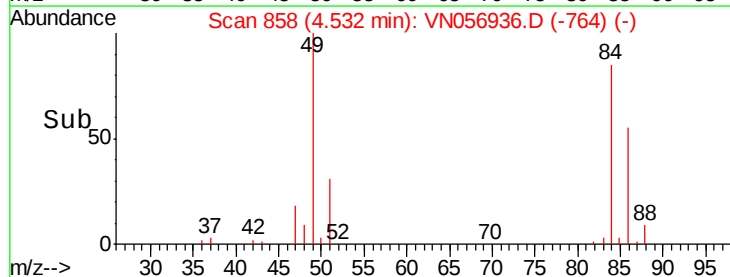
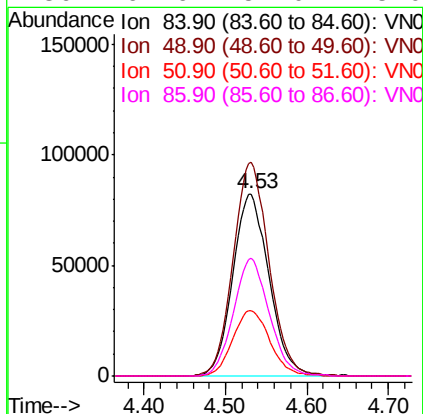
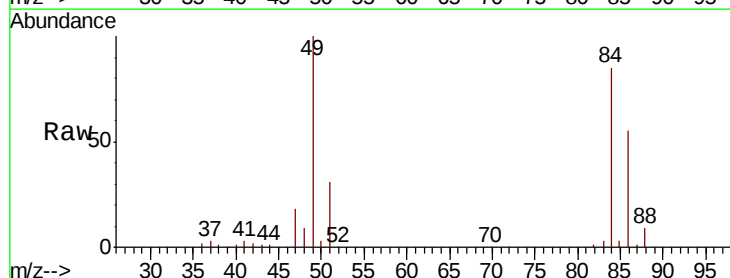
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

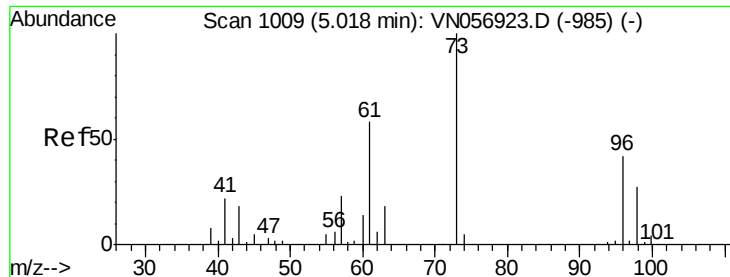
Tot Ion: 73 Resp: 668064
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 52.941 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 84 Resp: 254071
Ion Ratio Lower Upper
84 100
49 117.4 95.0 142.6
51 36.2 29.8 44.8
86 64.6 52.0 78.0

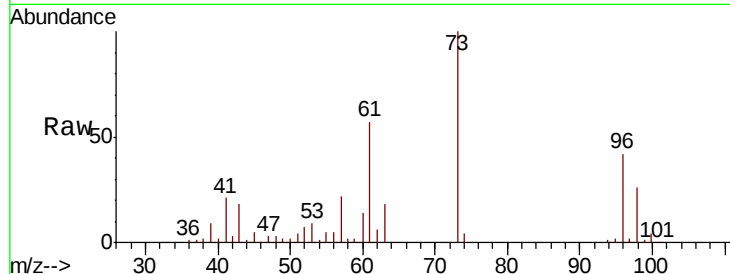




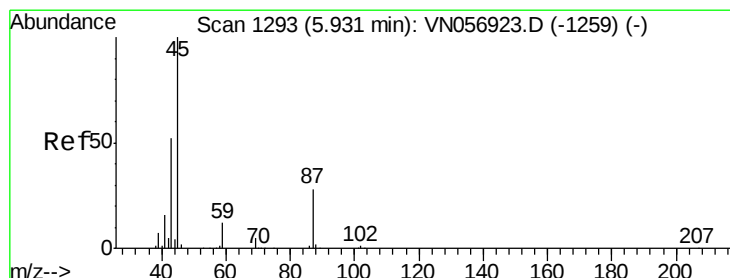
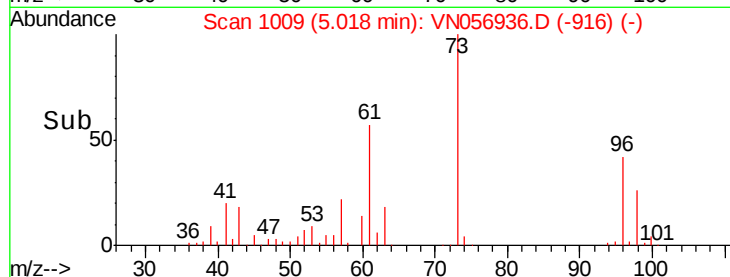
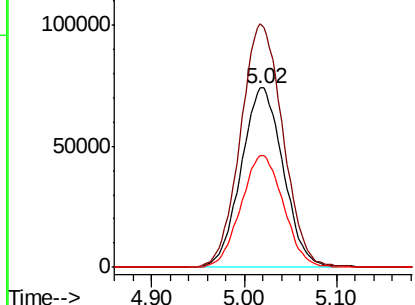
#21
trans-1,2-Dichloroethene
Concen: 54.298 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 233846
Ion Ratio Lower Upper
96 100
61 135.6 109.9 164.9
98 62.3 51.0 76.4

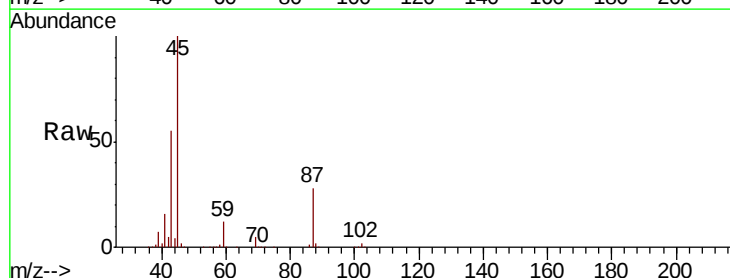


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

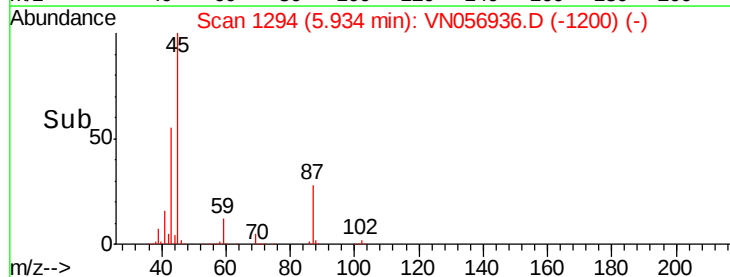
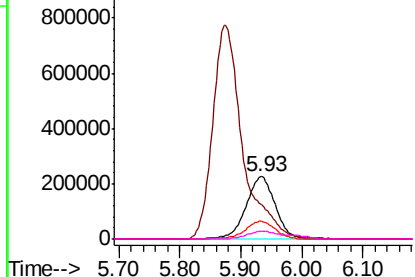


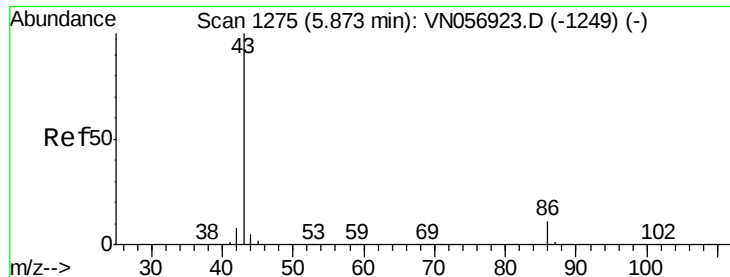
#22
Diisopropyl ether
Concen: 55.992 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 45 Resp: 744614
Ion Ratio Lower Upper
45 100
43 54.1 44.7 67.1
87 28.1 23.1 34.7
59 12.3 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 287.099 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

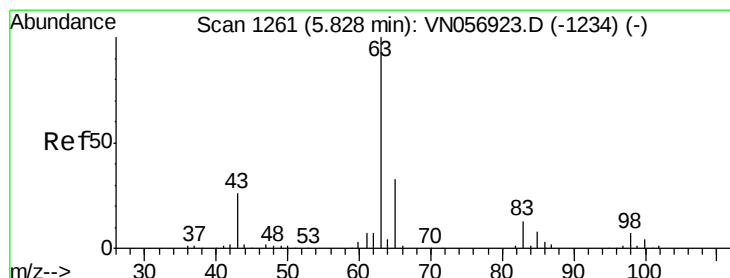
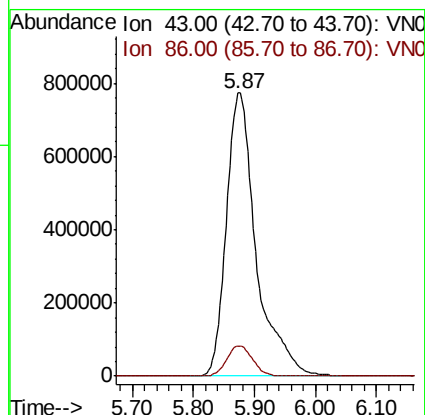
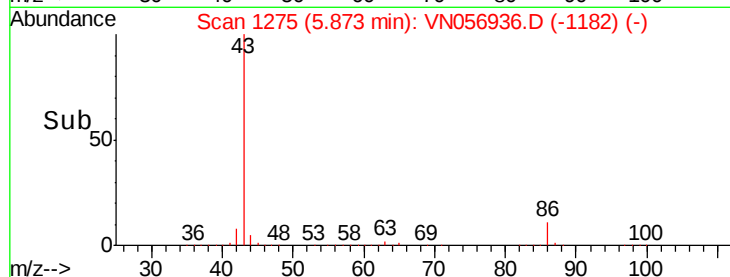
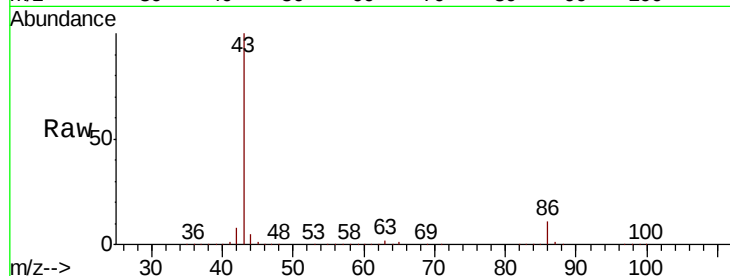
VSTDCCC050EC

Tot Ion: 43 Resp: 2630042

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 54.696 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

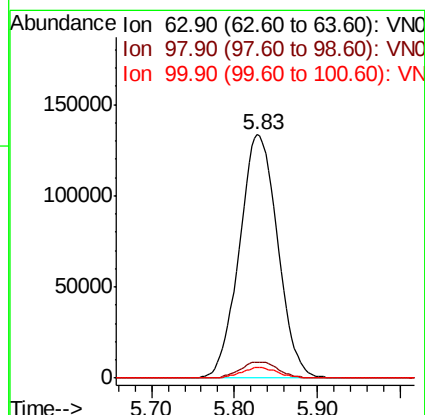
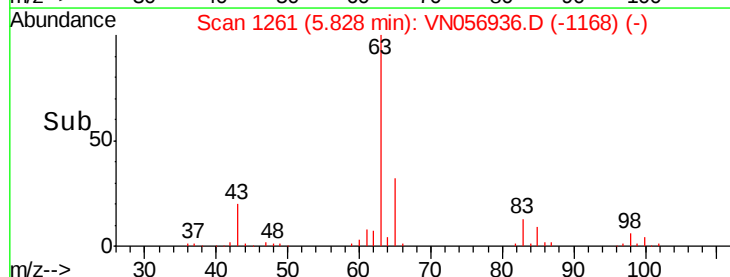
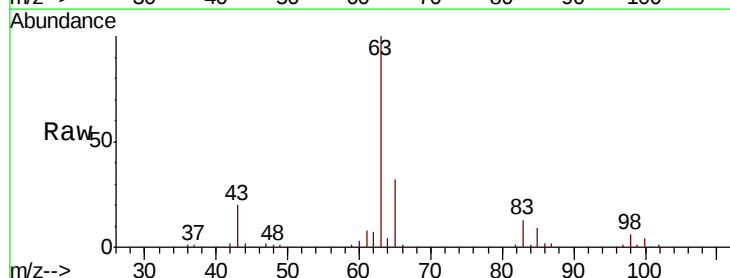
Tgt Ion: 63 Resp: 427351

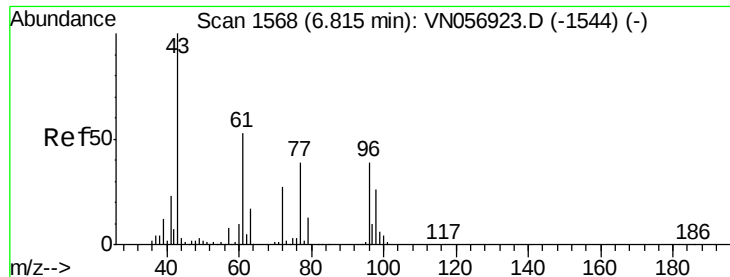
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.4 2.1 6.3

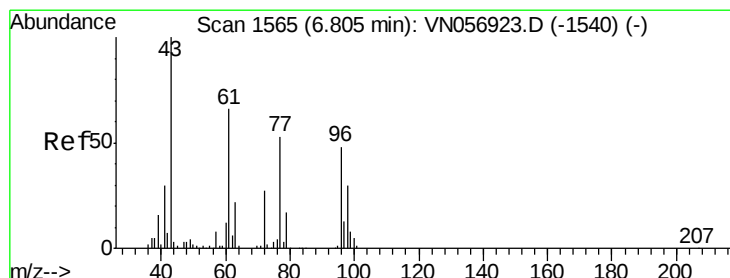
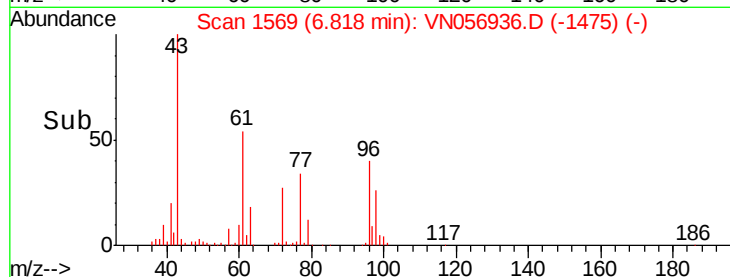
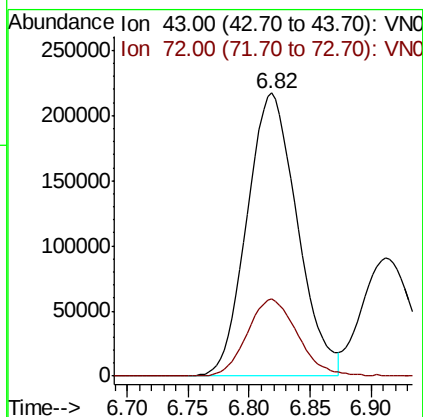
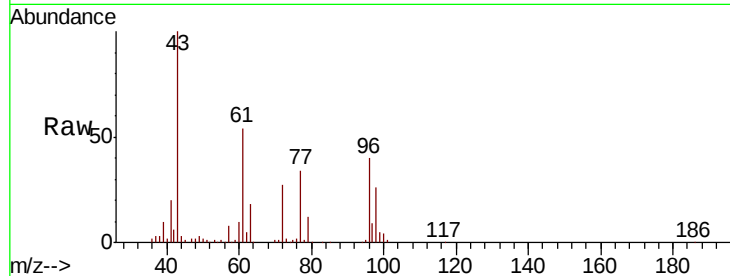




#25
 2-Butanone
 Concen: 265.800 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

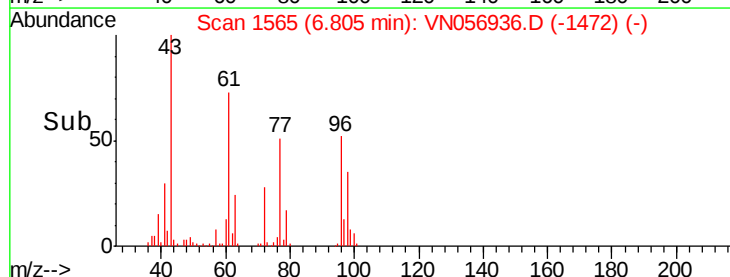
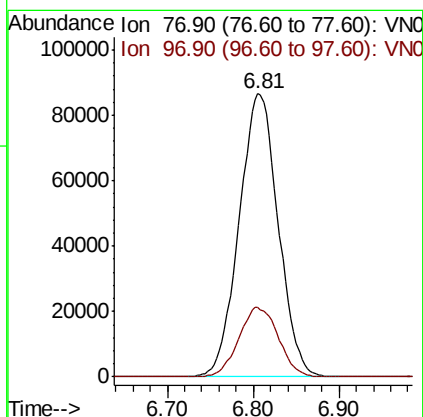
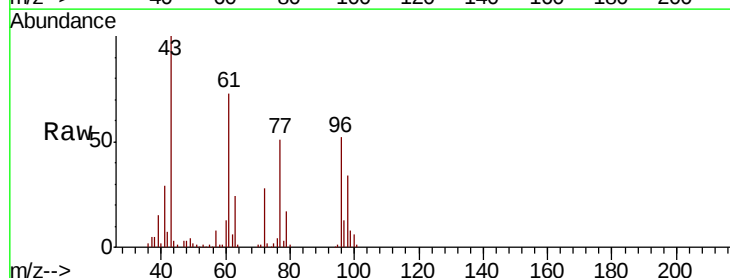
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

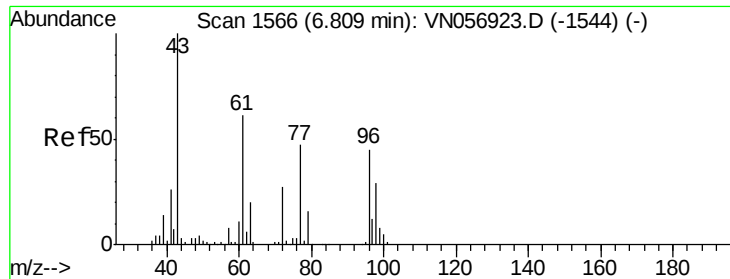
Tot Ion: 43 Resp: 620045
 Ion Ratio Lower Upper
 43 100
 72 27.3 21.9 32.9



#26
 2,2-Dichloropropane
 Concen: 47.626 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 77 Resp: 273085
 Ion Ratio Lower Upper
 77 100
 97 24.9 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 54.648 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

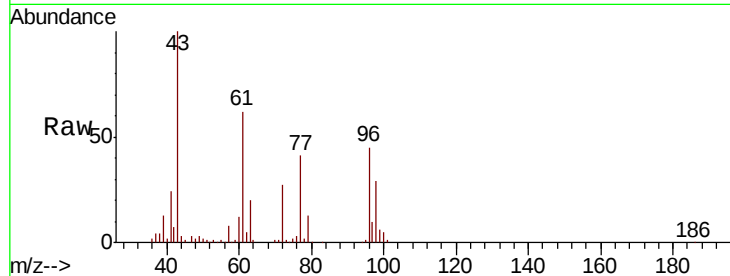
Tot Ion: 96 Resp: 268574

Ion Ratio Lower Upper

96 100

61 138.3 0.0 278.8

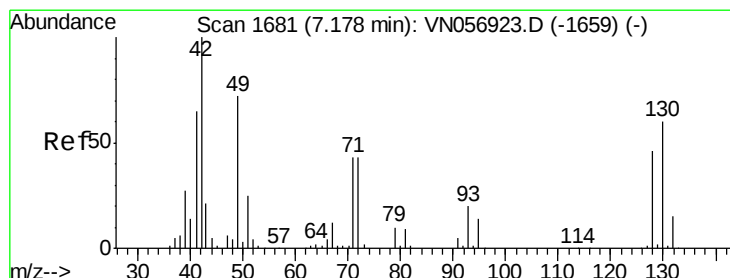
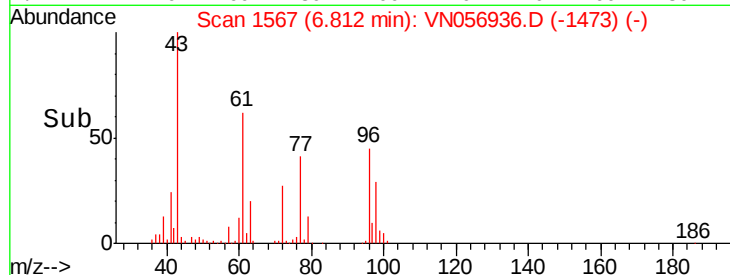
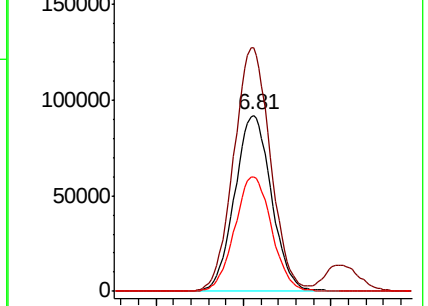
98 65.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 55.414 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

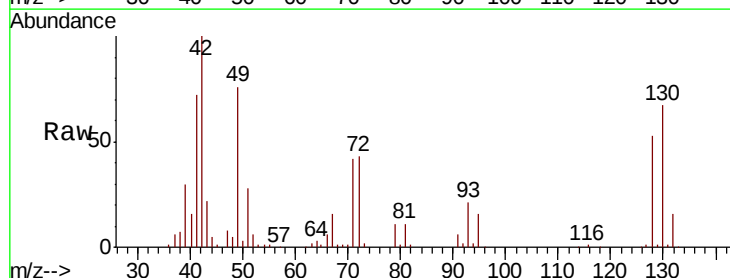
Tgt Ion: 49 Resp: 199808

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

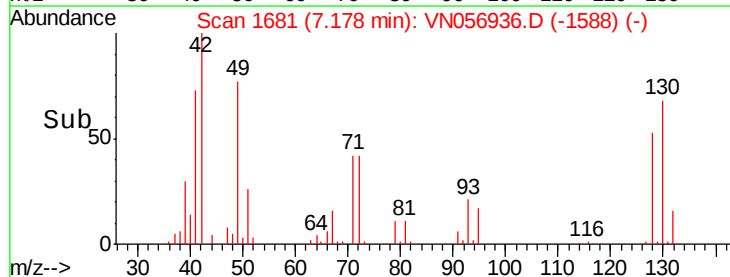
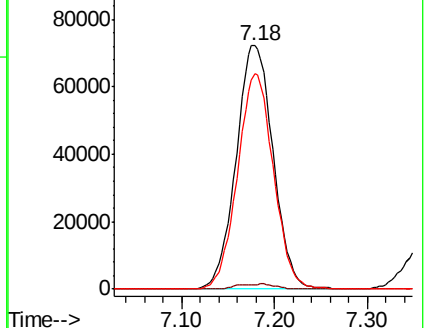
130 85.8 67.3 100.9

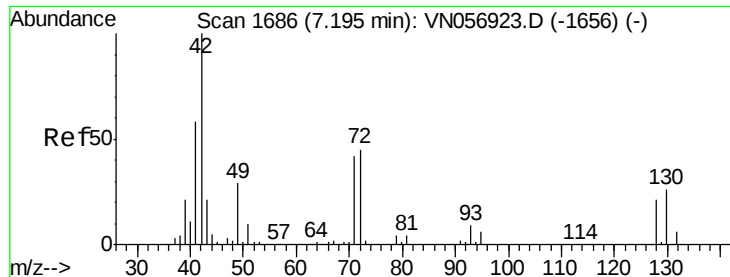


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

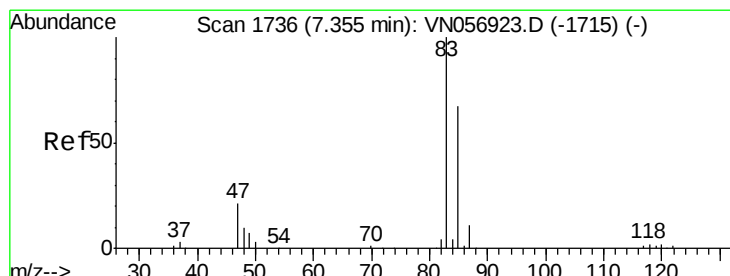
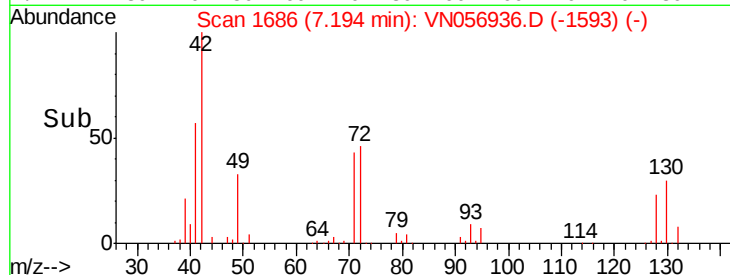
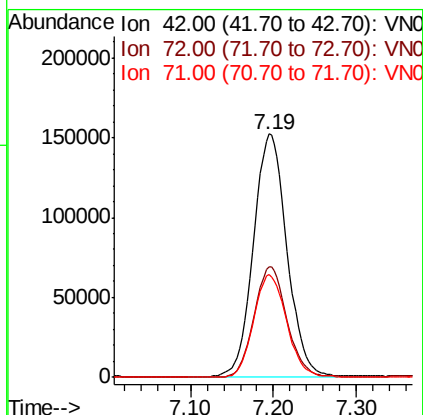
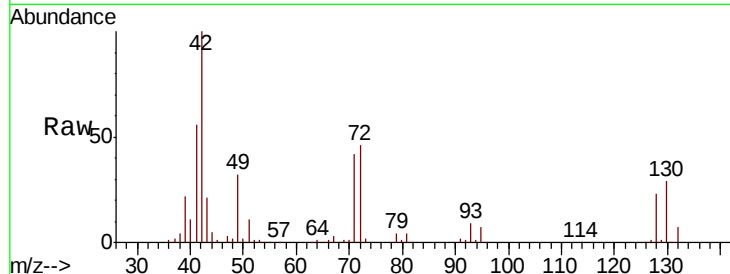




#29
Tetrahydrofuran
Concen: 280.455 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

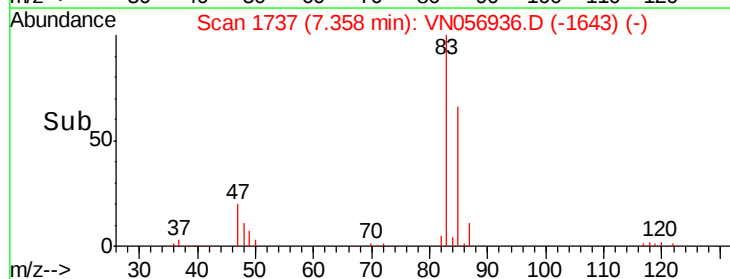
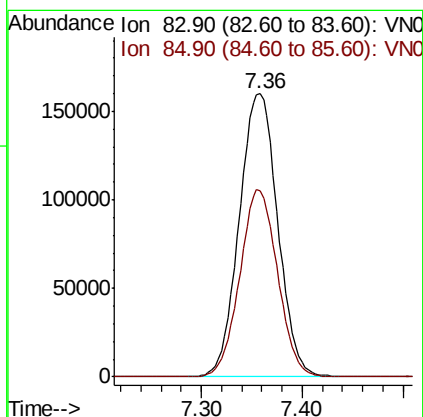
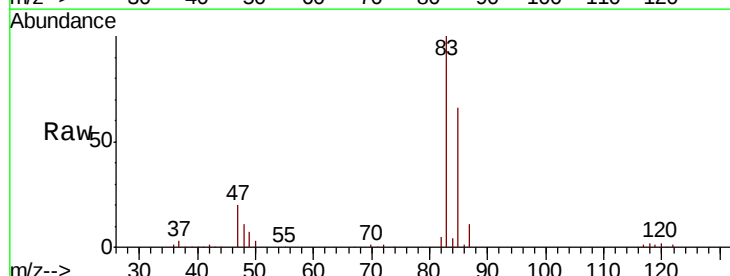
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

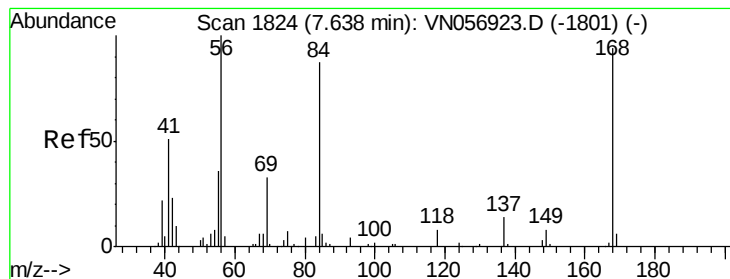
Tot Ion: 42 Resp: 428692
Ion Ratio Lower Upper
42 100
72 44.5 35.5 53.3
71 41.6 33.0 49.6



#30
Chloroform
Concen: 52.549 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 83 Resp: 422834
Ion Ratio Lower Upper
83 100
85 65.7 53.5 80.3





#31

Cyclohexane

Concen: 52.607 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

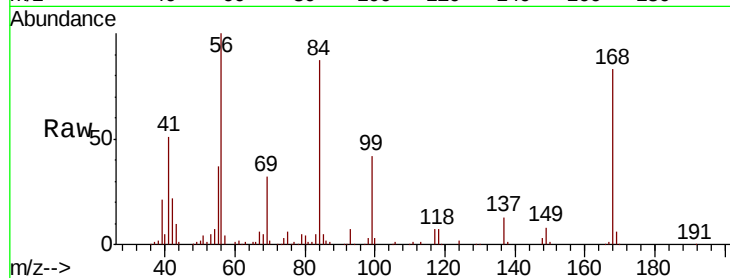
Tot Ion: 56 Resp: 399985

Ion Ratio Lower Upper

56 100

69 32.3 26.3 39.5

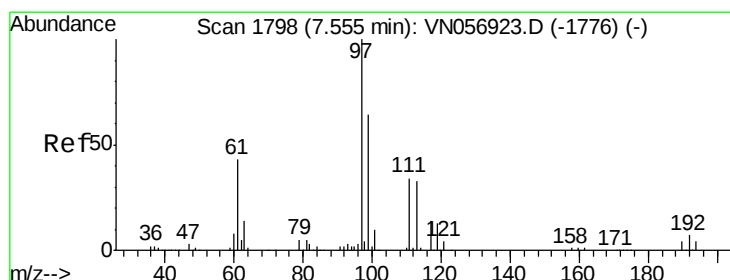
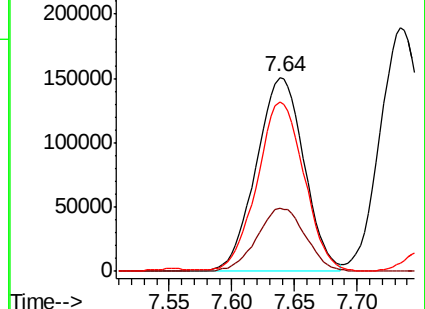
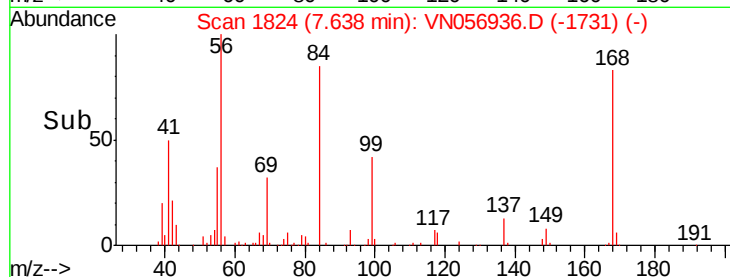
84 86.2 69.6 104.4



Abundance Ion 56.00 (55.70 to 56.70): VN056936.D (-1731) (-)

Ion 69.00 (68.70 to 69.70): VN056936.D (-1731) (-)

Ion 84.00 (83.70 to 84.70): VN056936.D (-1731) (-)



#32

1,1,1-Trichloroethane

Concen: 54.805 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

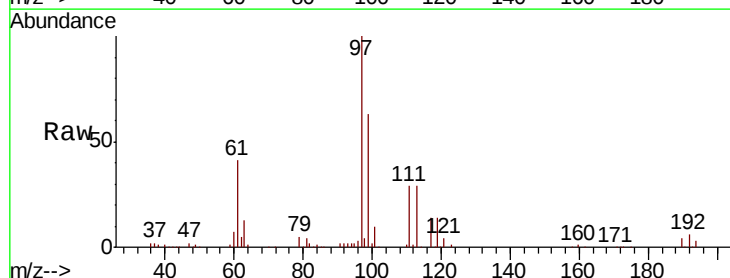
Tgt Ion: 97 Resp: 353169

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

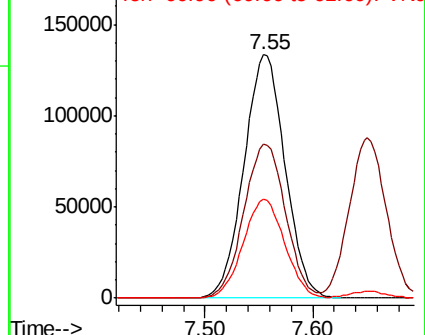
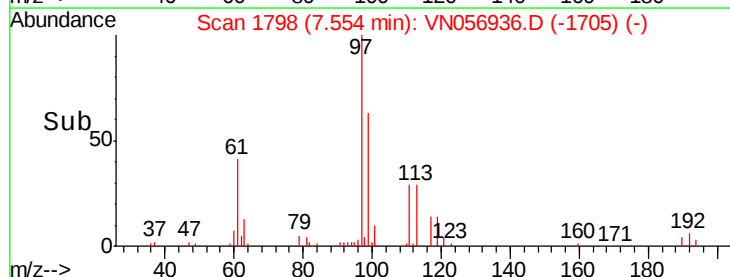
61 41.2 33.8 50.6

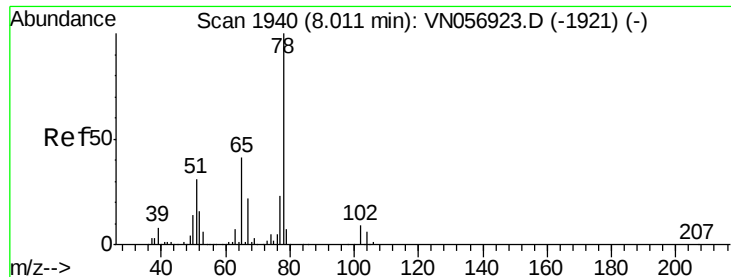


Abundance Ion 96.90 (96.60 to 97.60): VN056936.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN056936.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN056936.D (-1705) (-)

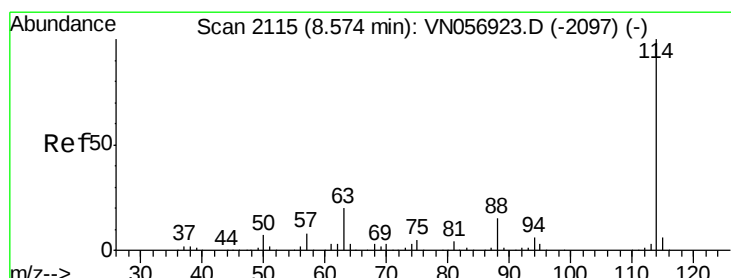
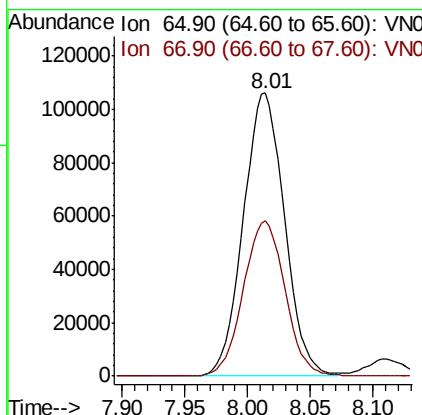
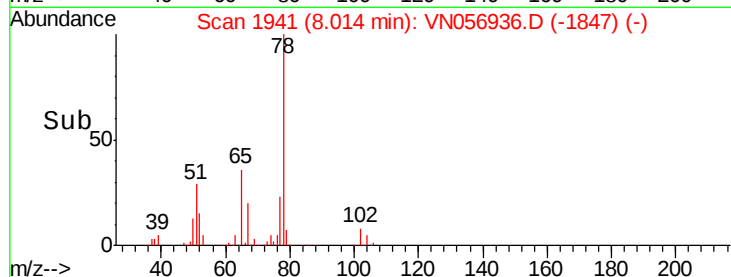
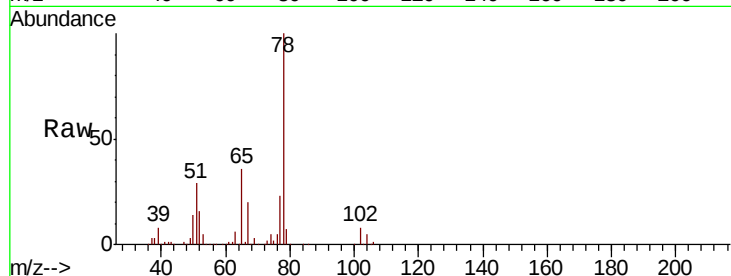




#33
 1,2-Dichloroethane-d4
 Concen: 54.765 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

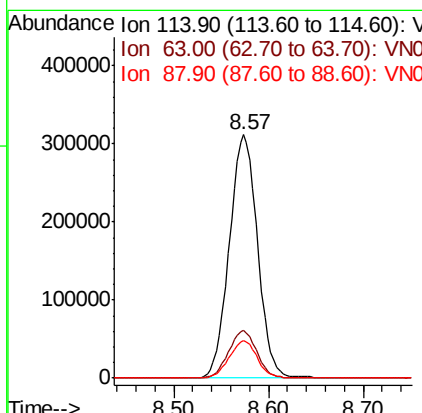
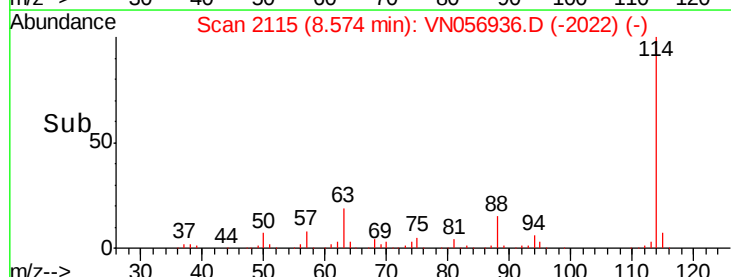
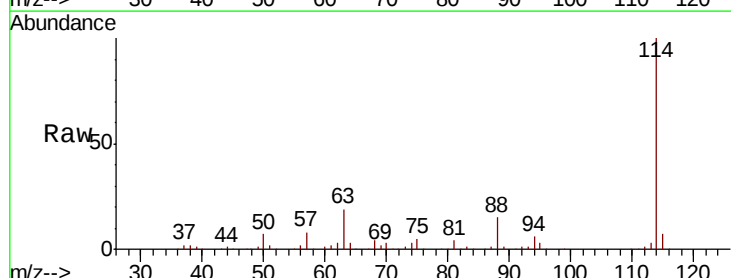
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

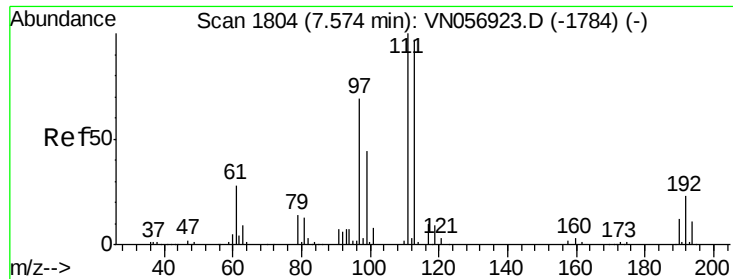
Tot Ion: 65 Resp: 243037
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 114 Resp: 645791
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.4 0.0 30.4

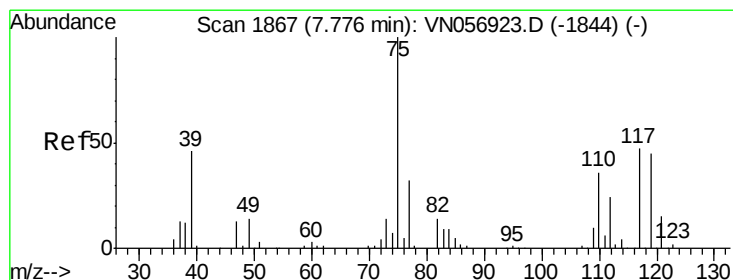
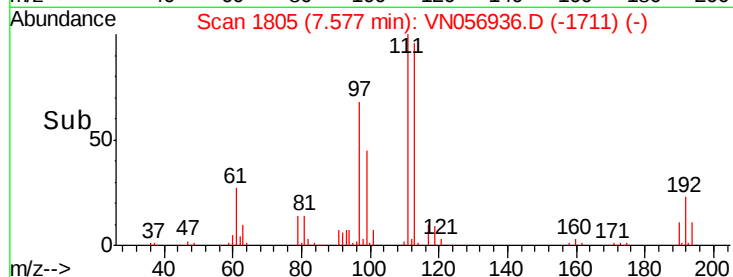
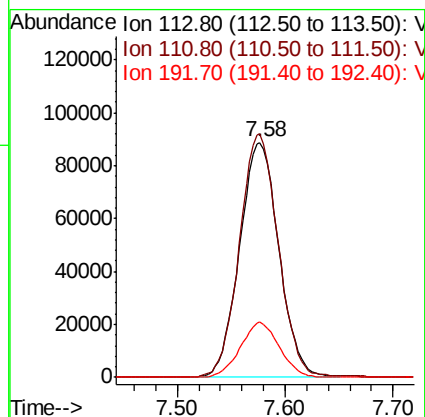
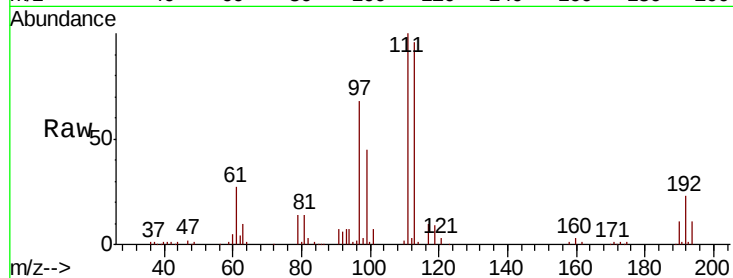




#35
Dibromofluoromethane
Concen: 54.645 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

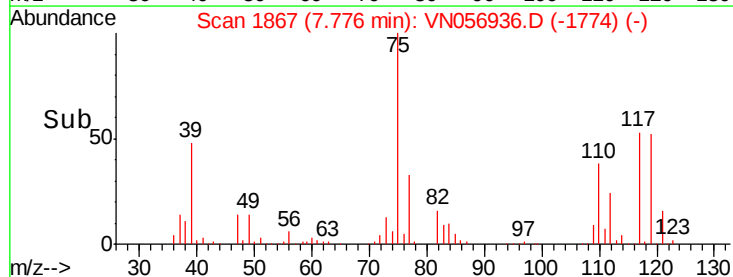
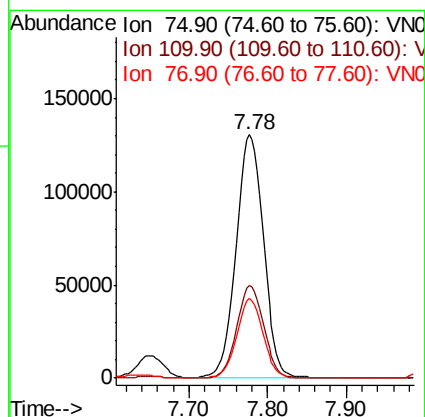
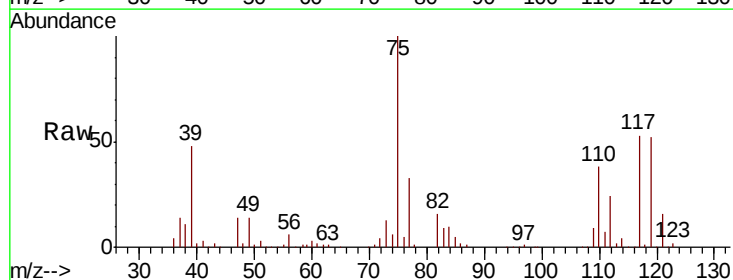
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

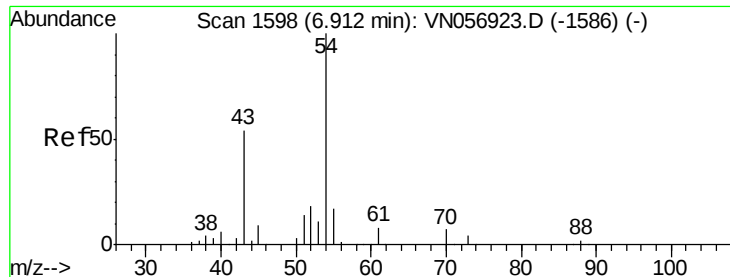
Tot Ion:113 Resp: 225159
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 23.2 18.3 27.5



#36
1,1-Dichloropropene
Concen: 53.660 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 75 Resp: 316820
Ion Ratio Lower Upper
75 100
110 37.4 18.9 56.9
77 31.4 25.4 38.0

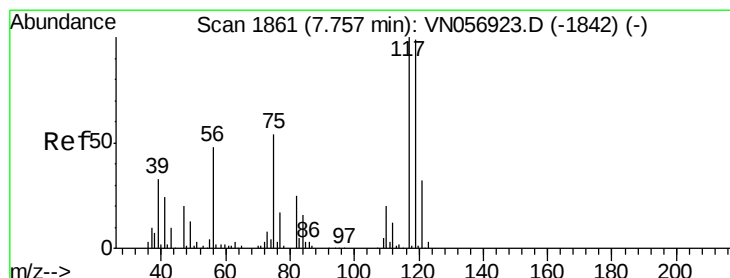
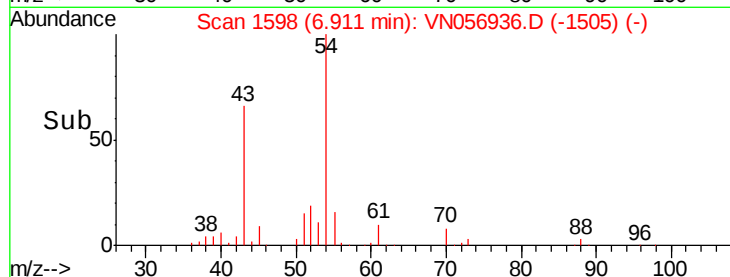
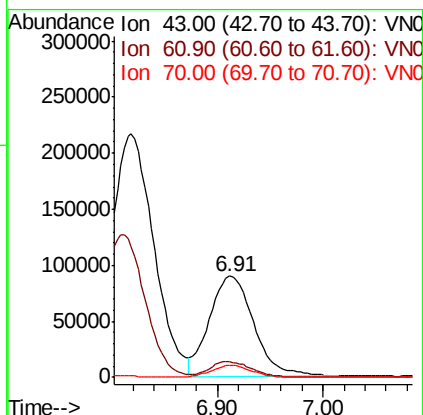
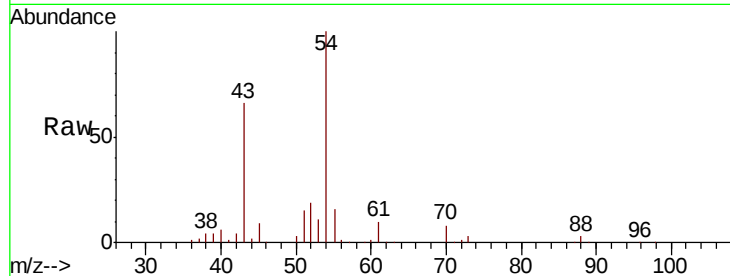




#37
Ethyl Acetate
Concen: 54.597 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

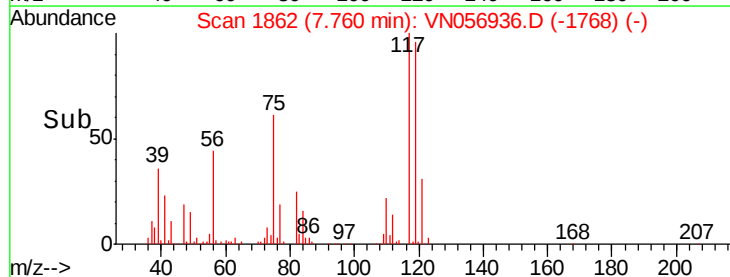
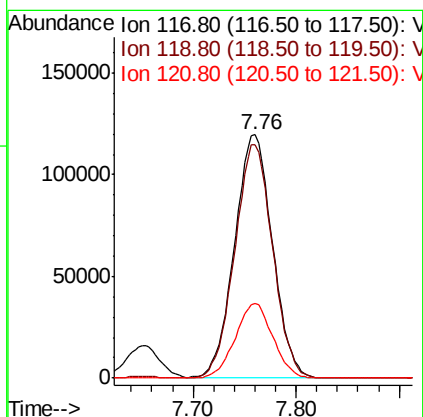
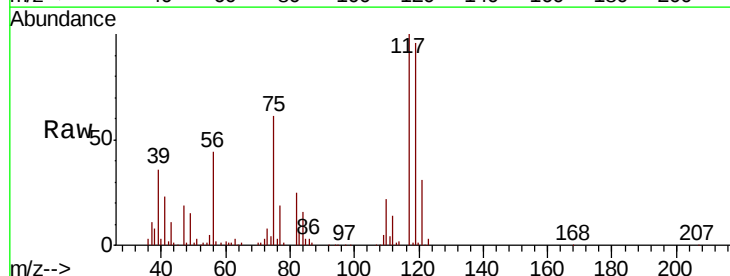
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

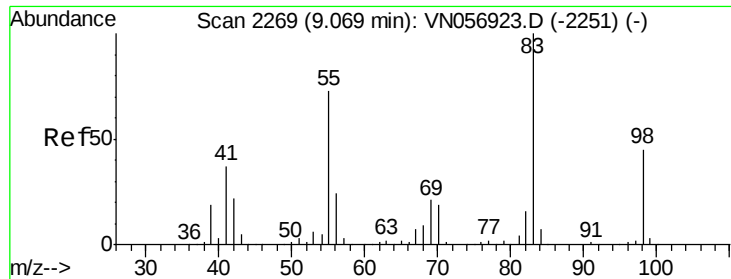
Tot Ion: 43 Resp: 261209
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 54.557 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 117 Resp: 306387
Ion Ratio Lower Upper
117 100
119 95.7 79.0 118.6
121 30.7 25.1 37.7

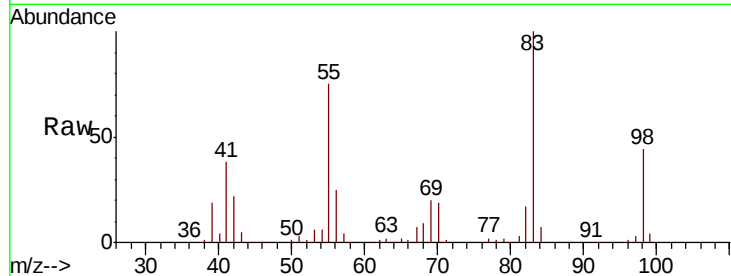




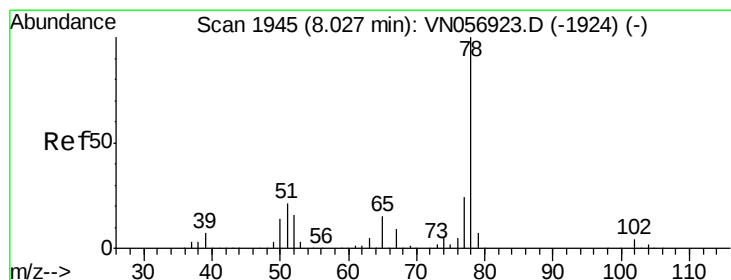
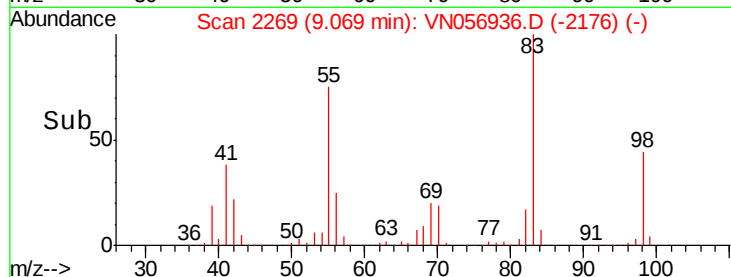
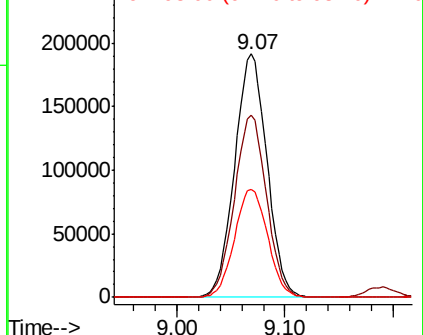
#39
Methvlcvclohexane
Concen: 55.591 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 400017
Ion Ratio Lower Upper
83 100
55 74.8 58.8 88.2
98 44.4 35.8 53.6

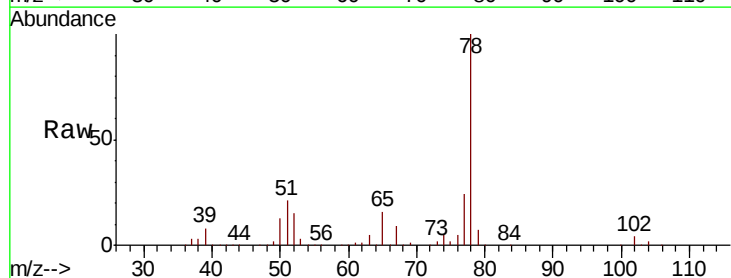


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

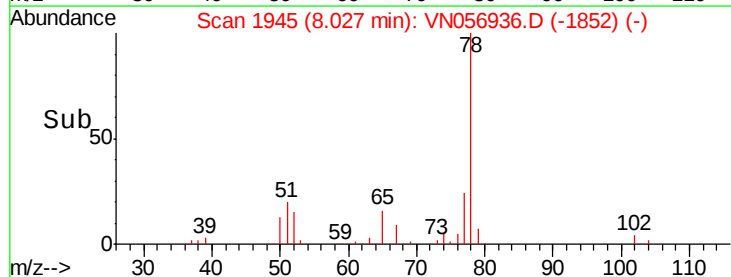
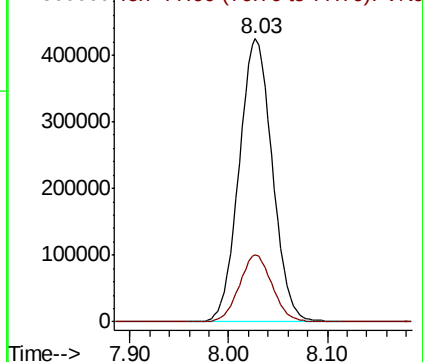


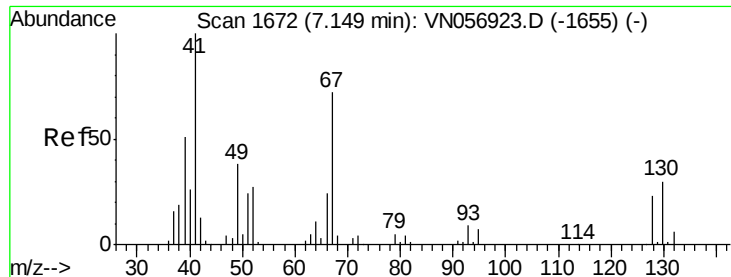
#40
Benzene
Concen: 53.810 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 78 Resp: 990703
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3



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

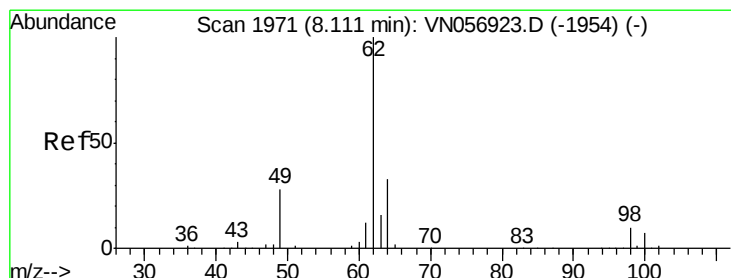
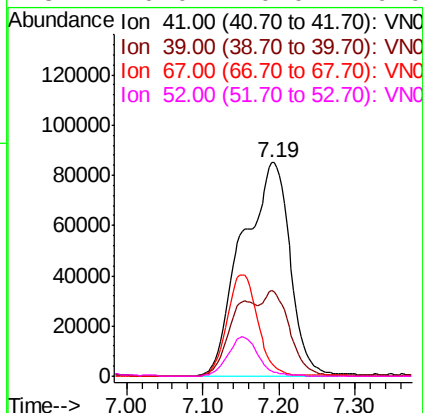
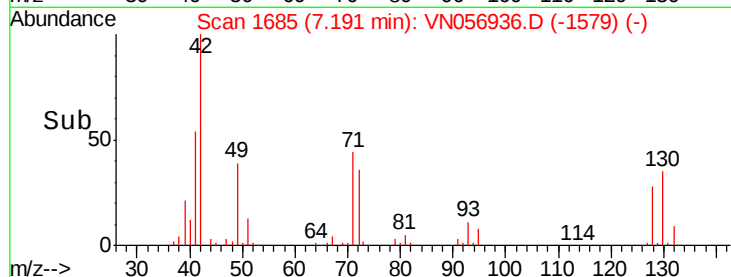
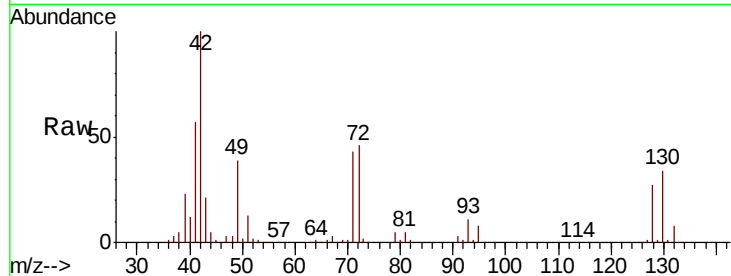




#41
Methacrylonitrile
Concen: 177.140 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

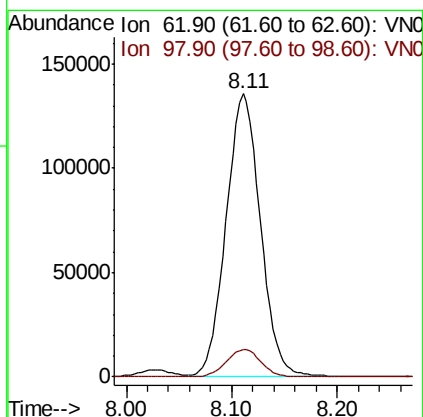
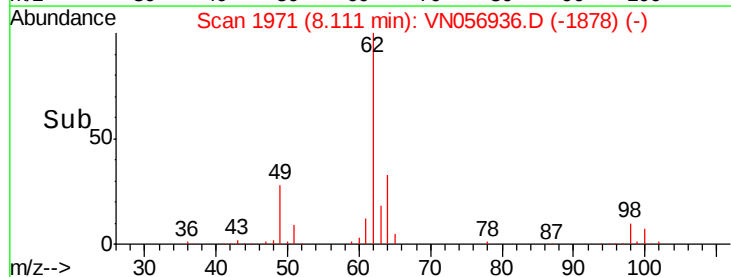
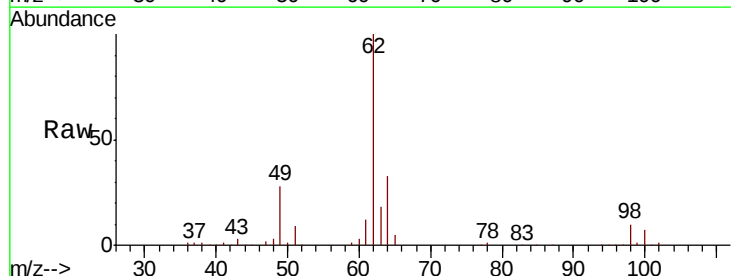
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

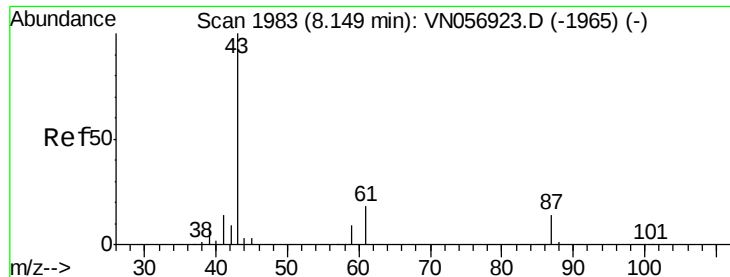
Tot Ion: 41 Resp: 372723
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.581 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 62 Resp: 304693
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.8





#43

Isopropyl Acetate

Concen: 54.157 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

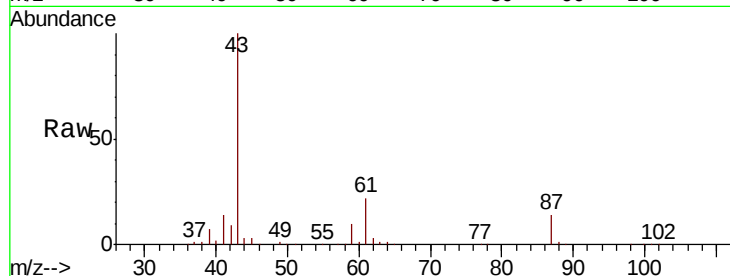
Tot Ion: 43 Resp: 426284

Ion Ratio Lower Upper

43 100

61 22.6 23.8 35.6#

87 14.7 11.8 17.6

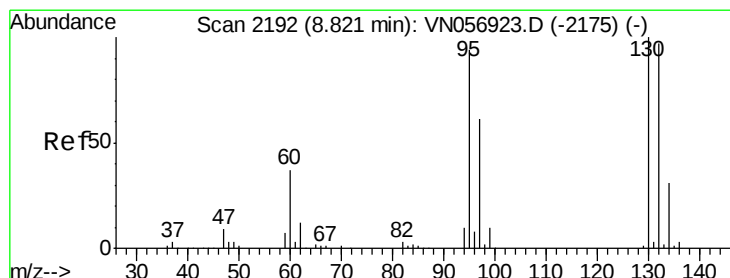
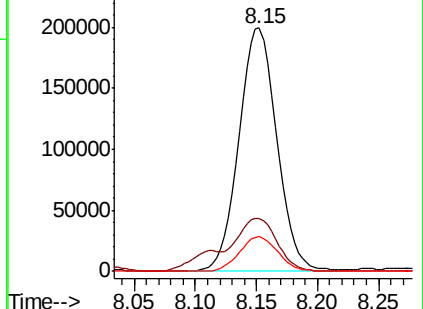
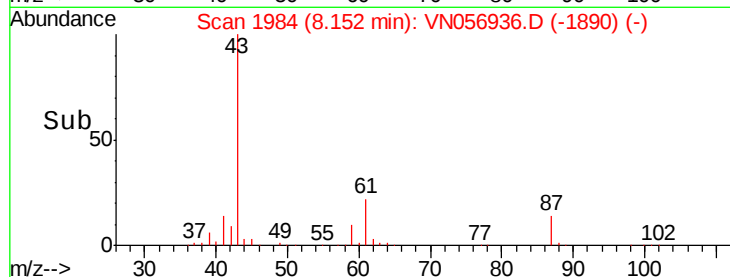


Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN056923.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN056923.D (-1965) (-)

8.15



#44

Trichloroethene

Concen: 54.200 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN056936.D

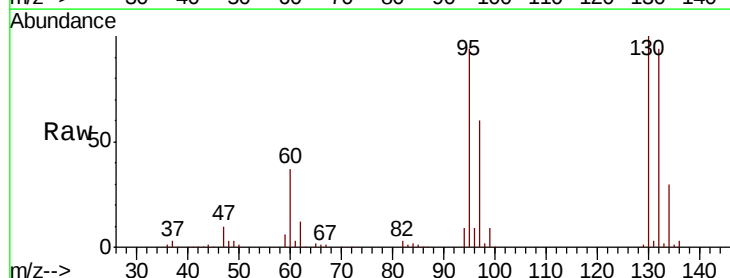
Acq: 25 Jul 2019 22:24

Tgt Ion:130 Resp: 272229

Ion Ratio Lower Upper

130 100

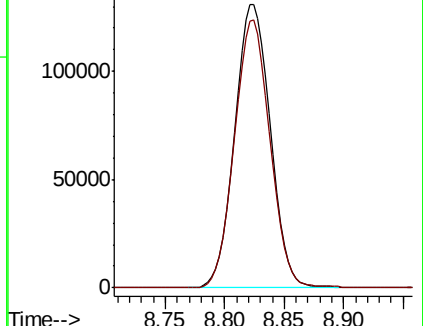
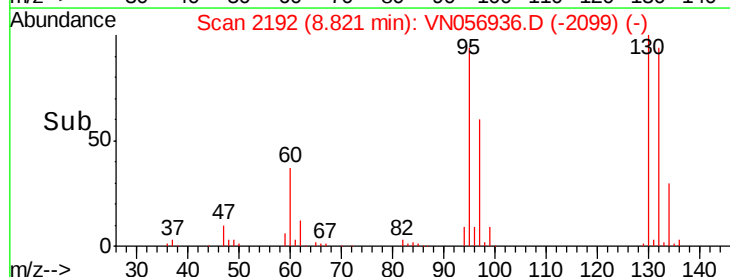
95 94.0 0.0 187.6

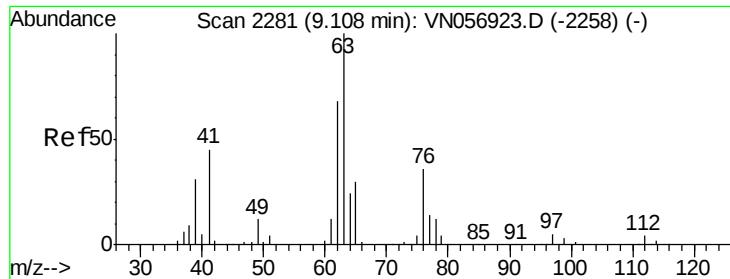


Abundance Ion 129.80 (129.50 to 130.50): VN056923.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN056923.D (-2175) (-)

8.82





#45

1,2-Dichloropropane

Concen: 53.604 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

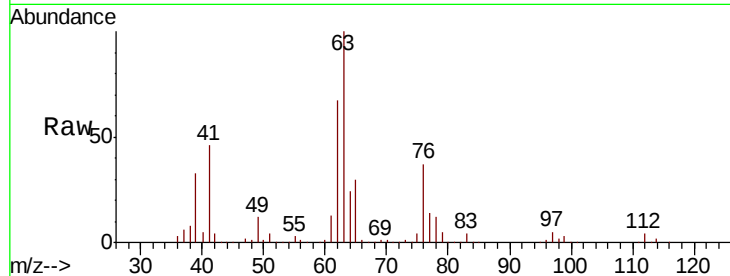
VSTDCCC050EC

Tot Ion: 63 Resp: 265226

Ion Ratio Lower Upper

63 100

65 30.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

150000

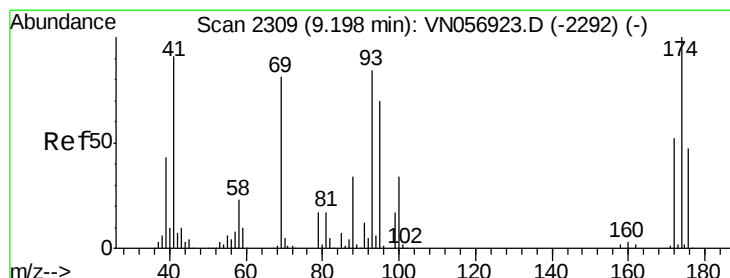
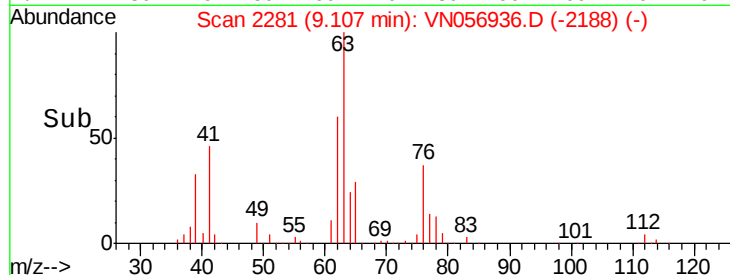
100000

50000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 54.931 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

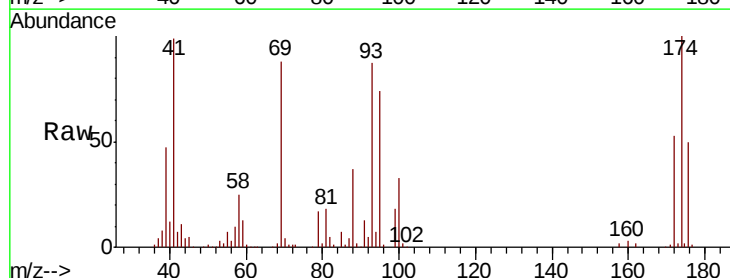
Tgt Ion: 93 Resp: 163850

Ion Ratio Lower Upper

93 100

95 83.9 66.8 100.2

174 114.2 92.9 139.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

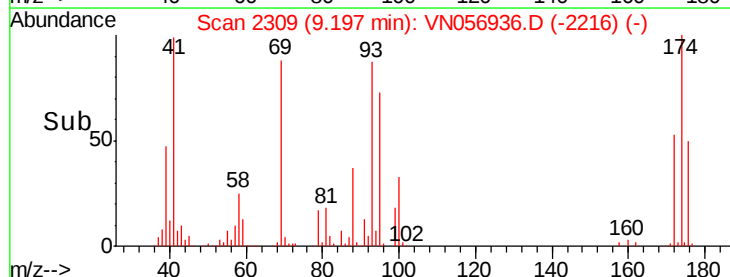
40000

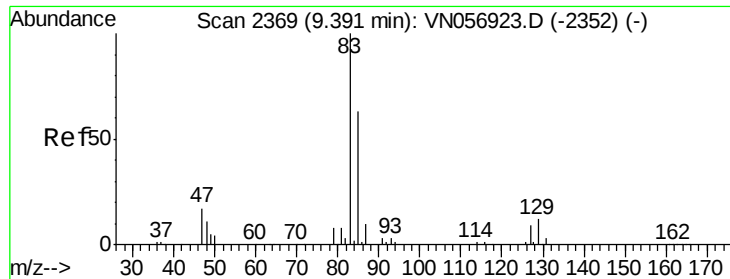
20000

0

9.10 9.15 9.20 9.25

Time-->





#47

Bromodichloromethane

Concen: 53.863 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

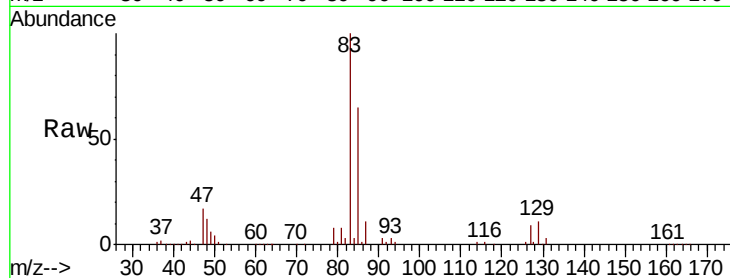
Tot Ion: 83 Resp: 313747

Ion Ratio Lower Upper

83 100

85 65.1 50.5 75.7

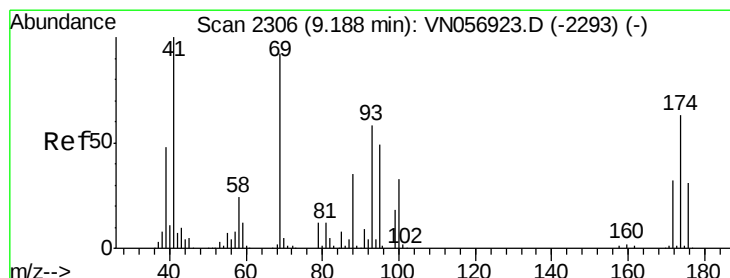
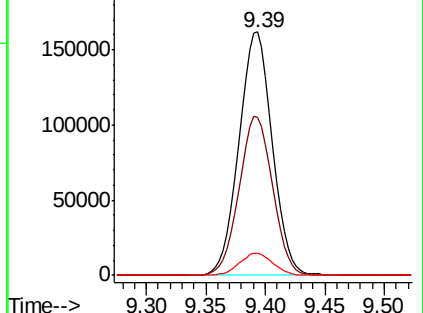
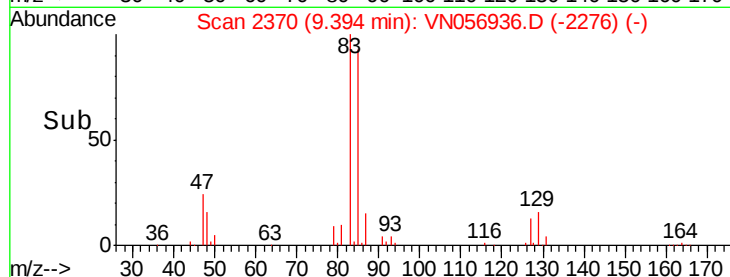
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056936.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN056936.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN056936.D (-2276) (-)



#48

Methyl methacrylate

Concen: 55.893 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

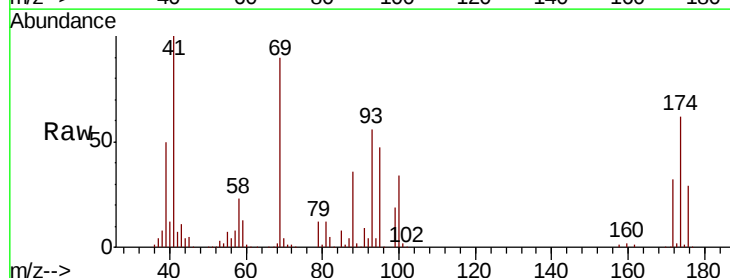
Tgt Ion: 41 Resp: 211192

Ion Ratio Lower Upper

41 100

69 93.0 73.4 110.0

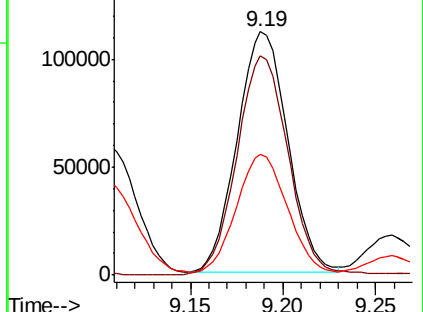
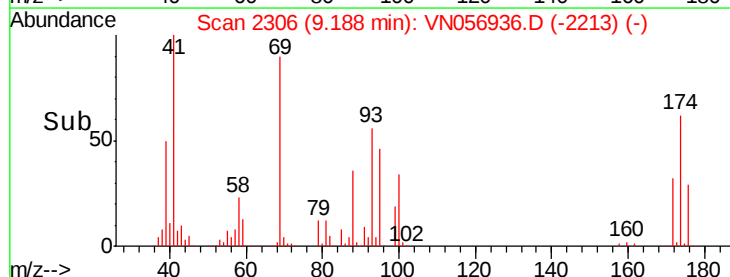
39 50.8 40.1 60.1

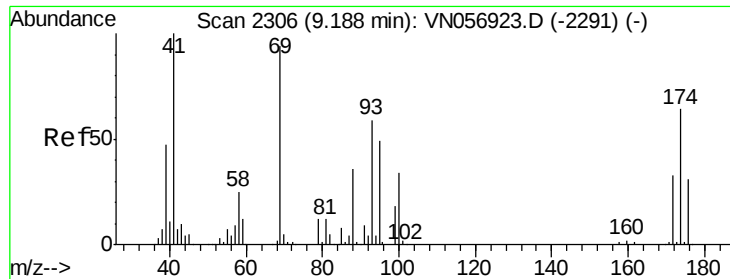


Abundance Ion 41.00 (40.70 to 41.70): VN056936.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN056936.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN056936.D (-2213) (-)





#49

1,4-Dioxane

Concen: 1093.149 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

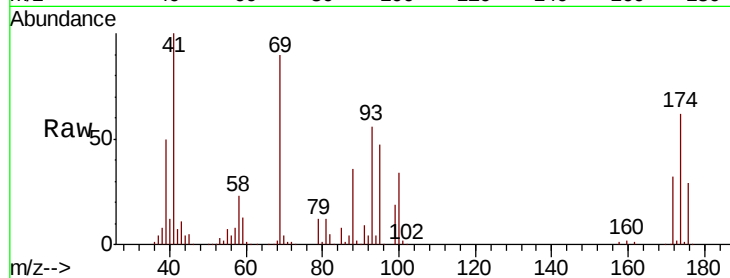
Tot Ion: 88 Resp: 86490

Ion Ratio Lower Upper

88 100

43 27.6 21.1 31.7

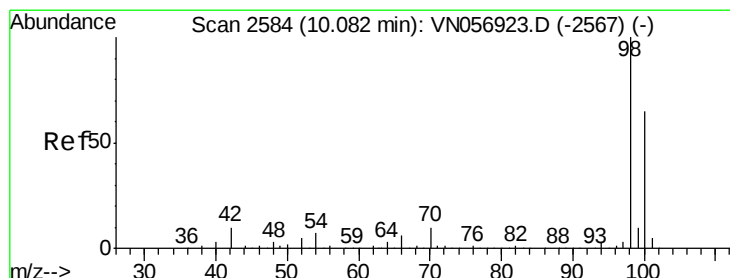
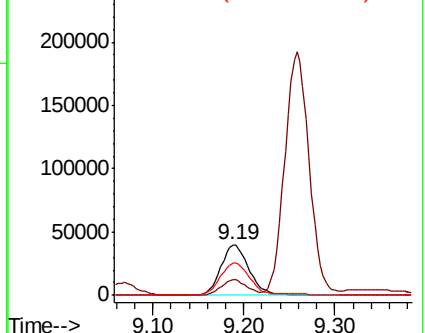
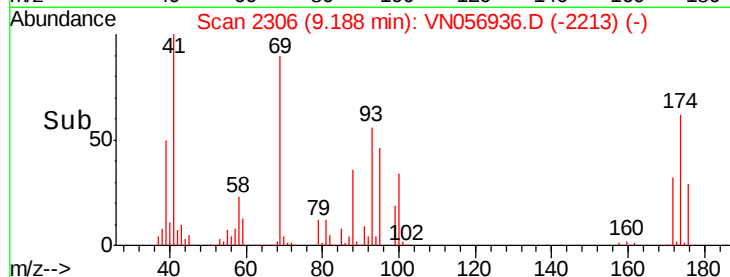
58 66.4 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 54.713 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN056936.D

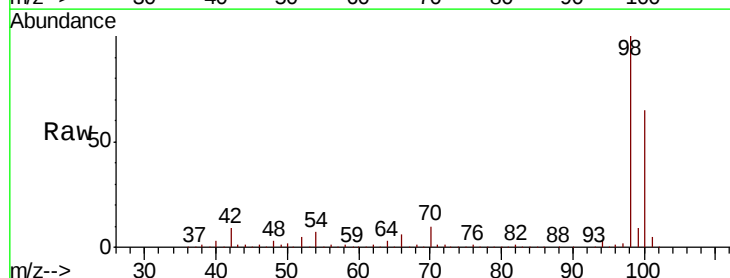
Acq: 25 Jul 2019 22:24

Tgt Ion: 98 Resp: 856034

Ion Ratio Lower Upper

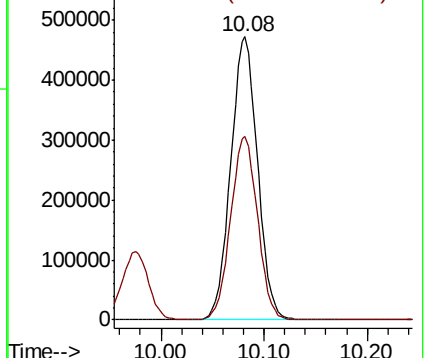
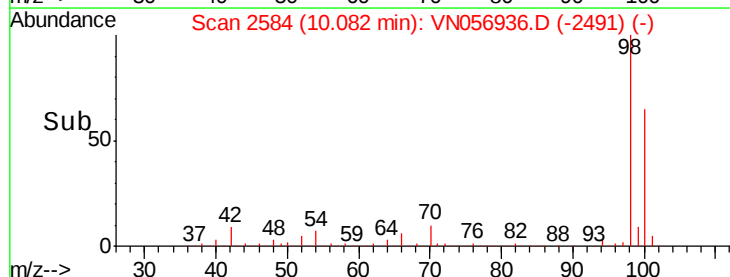
98 100

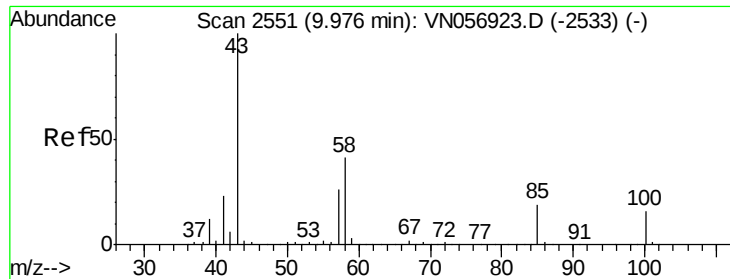
100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 275.034 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

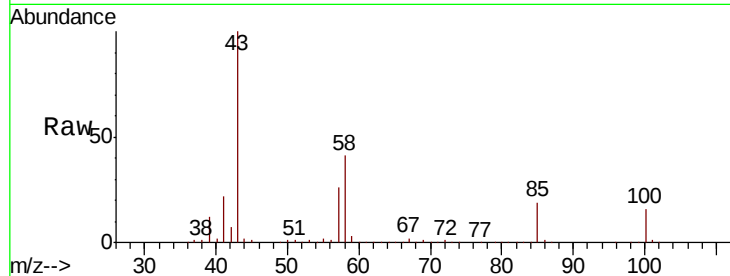
VSTDCCC050EC

Tot Ion: 43 Resp: 1287132

Ion Ratio Lower Upper

43 100

58 40.8 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

800000

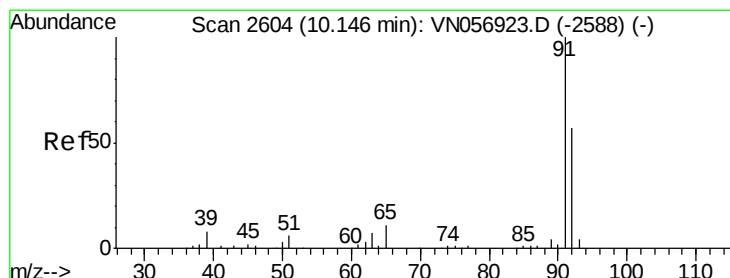
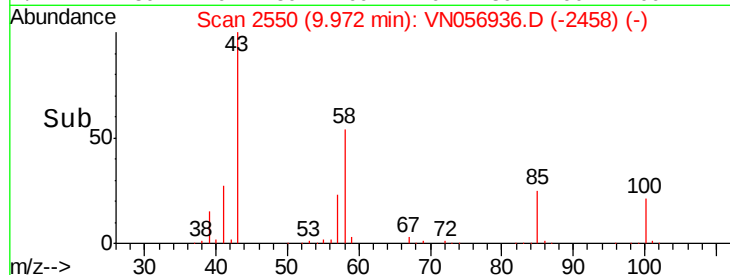
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.466 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056936.D

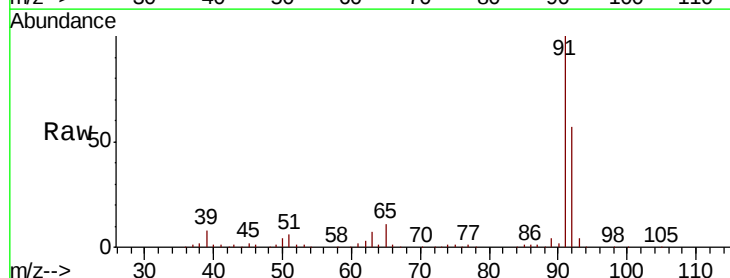
Acq: 25 Jul 2019 22:24

Tgt Ion: 92 Resp: 612476

Ion Ratio Lower Upper

92 100

91 173.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

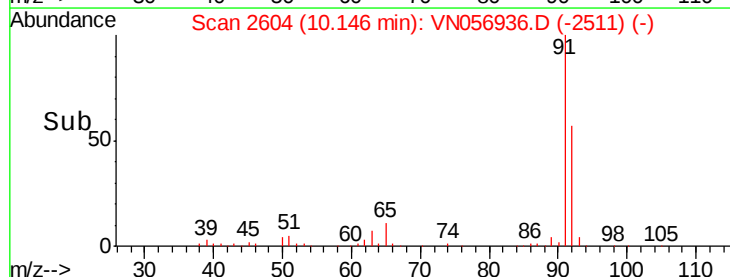
600000

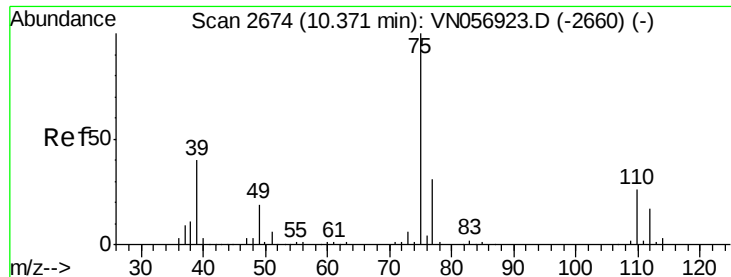
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.518 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

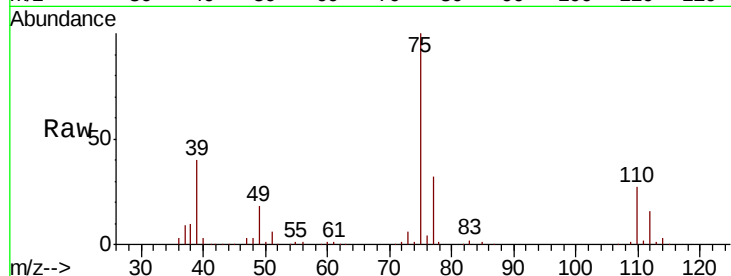
VSTDCCC050EC

Tot Ion: 75 Resp: 326039

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

150000

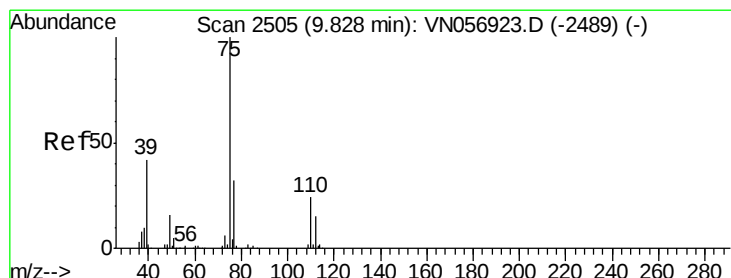
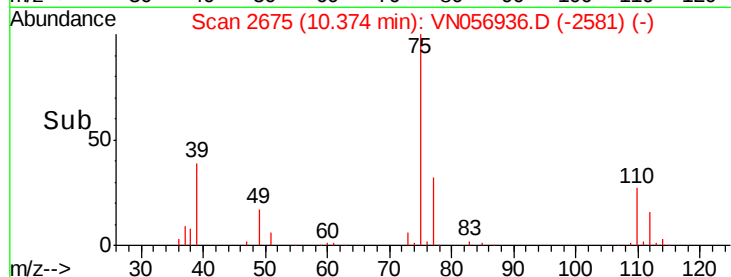
100000

50000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 54.769 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

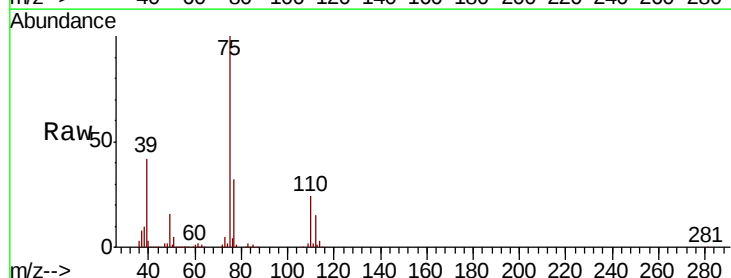
Tgt Ion: 75 Resp: 378650

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 41.4 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

250000

200000

150000

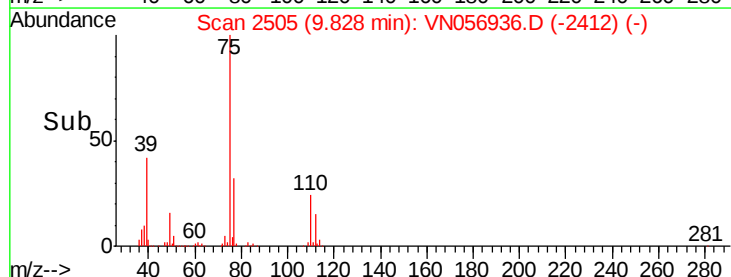
100000

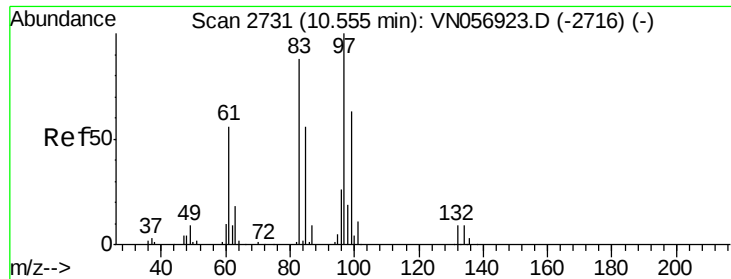
50000

0

Time-->

9.75 9.80 9.85 9.90

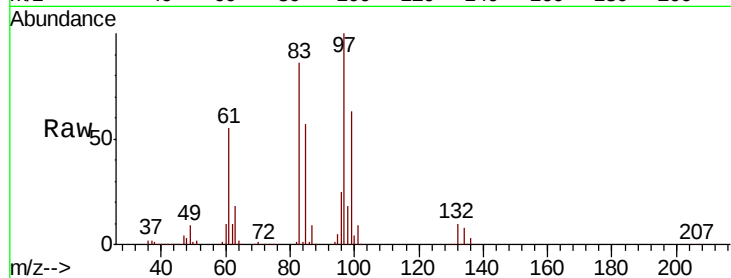




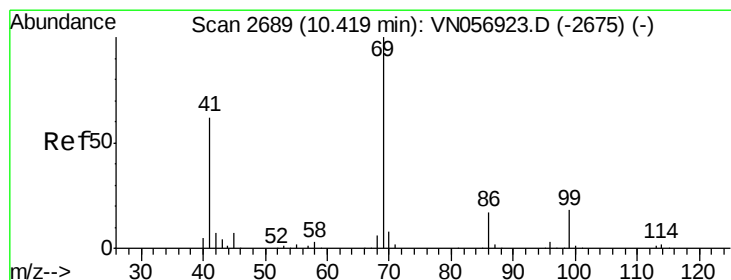
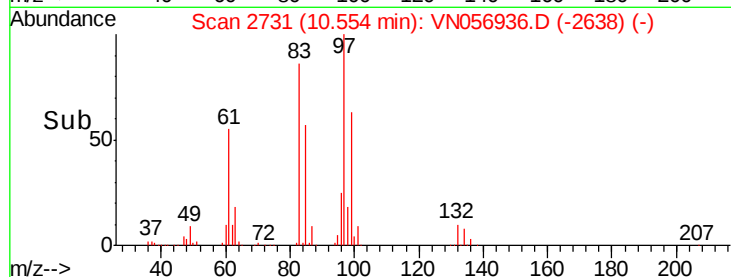
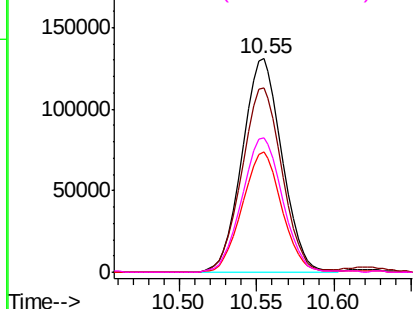
#55
1,1,2-Trichloroethane
Concen: 53.133 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 97 Resp: 235134
Ion Ratio Lower Upper
97 100
83 86.4 70.1 105.1
85 56.5 45.1 67.7
99 63.2 50.6 75.8

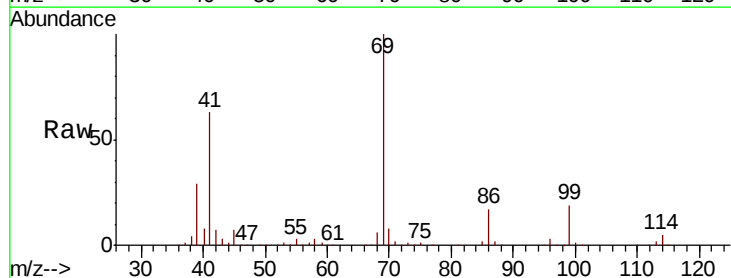


Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0

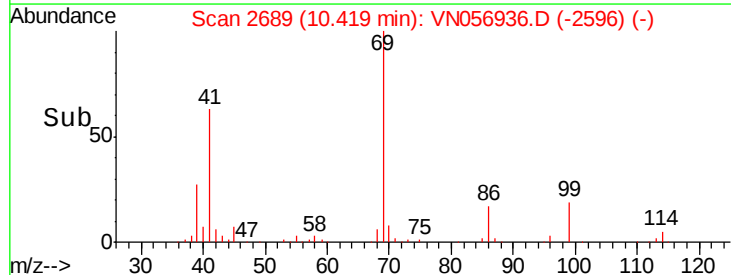
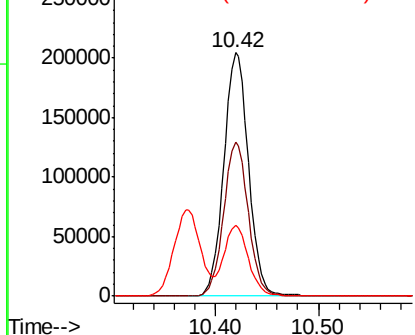


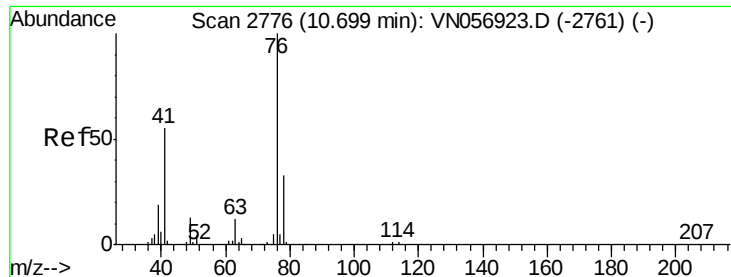
#56
Ethyl methacrylate
Concen: 57.457 ug/l
RT: 10.42 min Scan# 2689
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 69 Resp: 341868
Ion Ratio Lower Upper
69 100
41 62.0 49.7 74.5
39 29.3 23.6 35.4



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

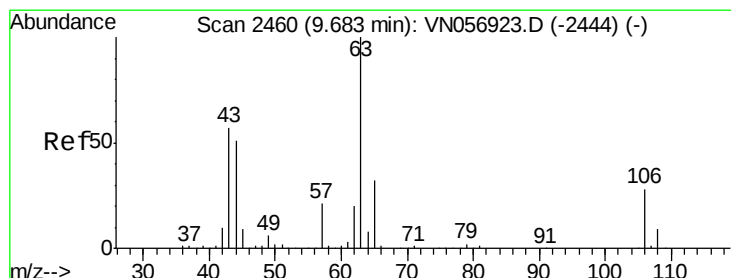
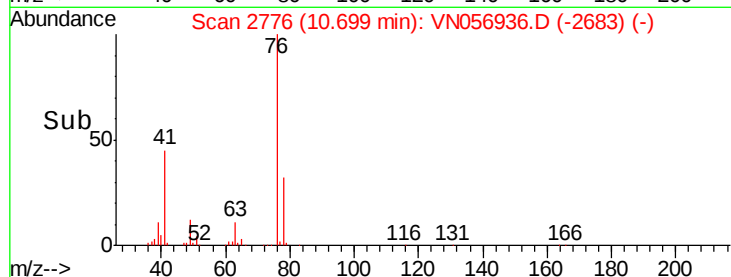
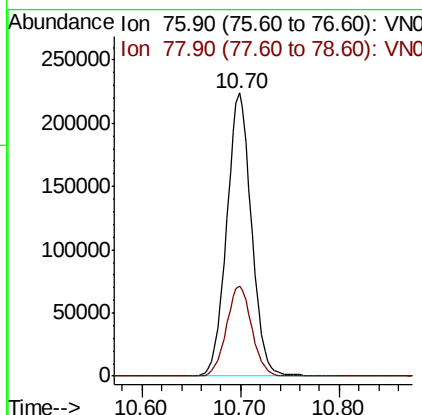
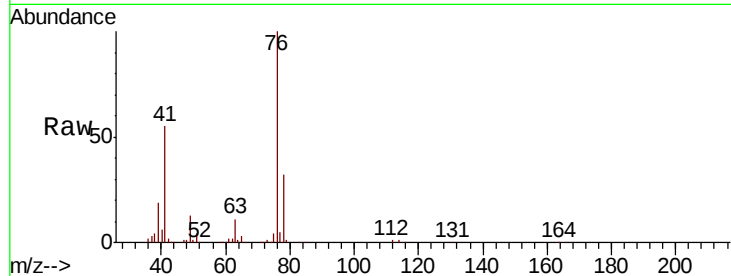




#57
 1,3-Dichloropropane
 Concen: 54.238 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

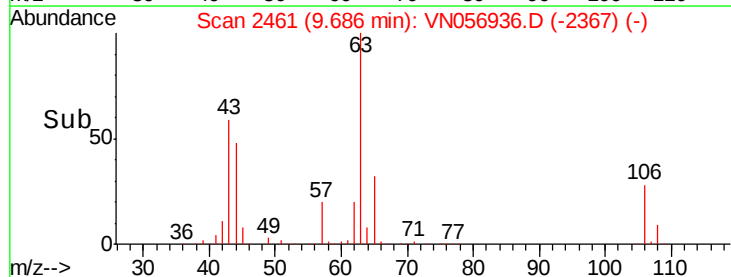
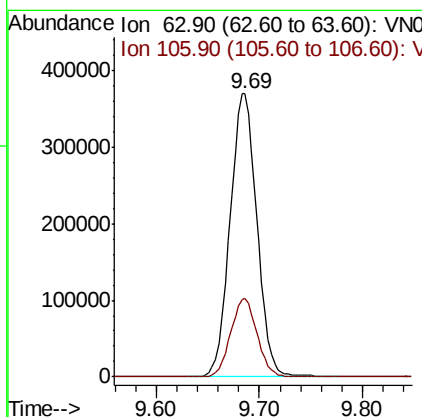
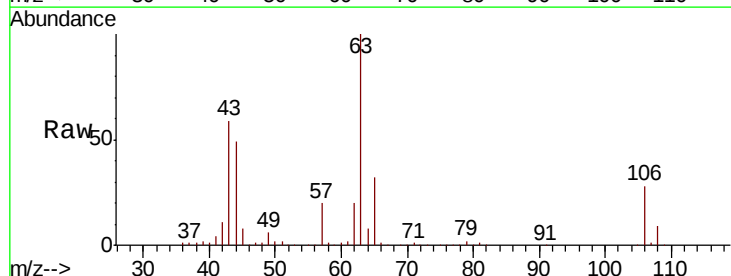
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

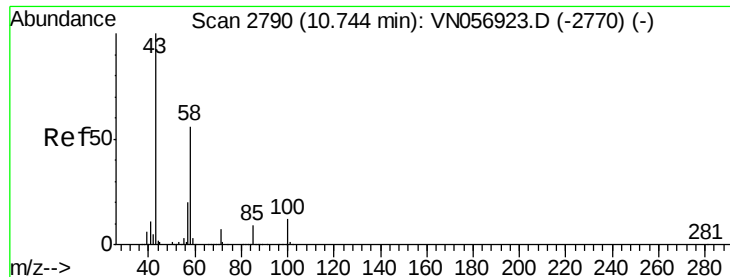
Tot Ion: 76 Resp: 392837
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.445 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 63 Resp: 670980
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.2 33.4

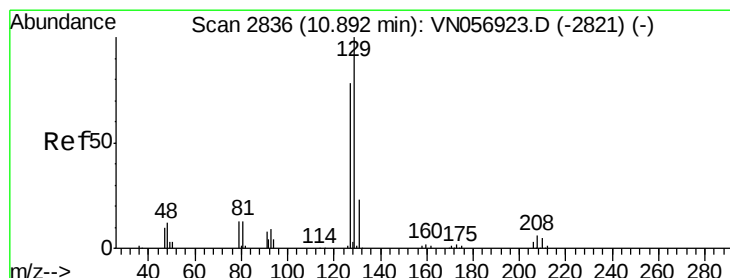
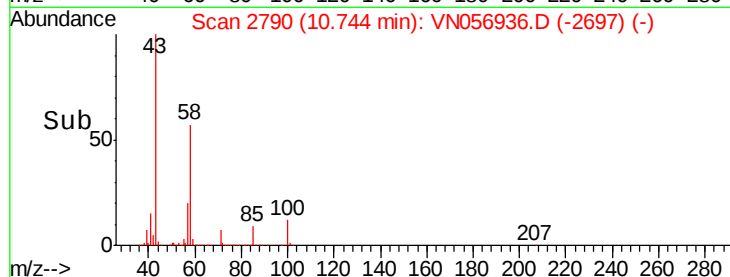
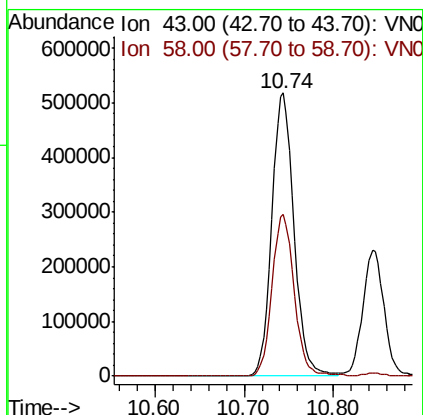
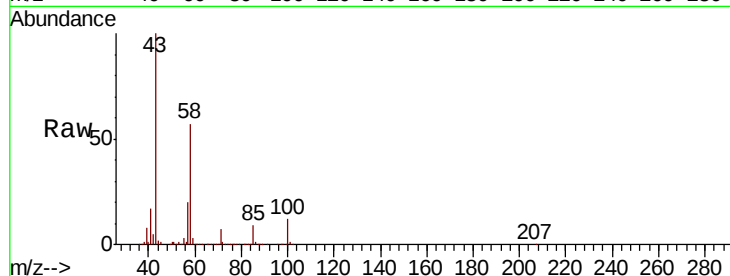




#59
2-Hexanone
Concen: 278.933 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

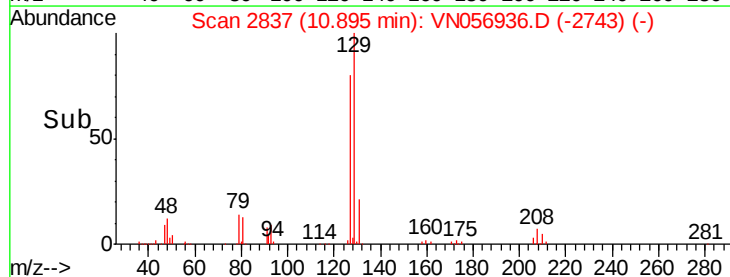
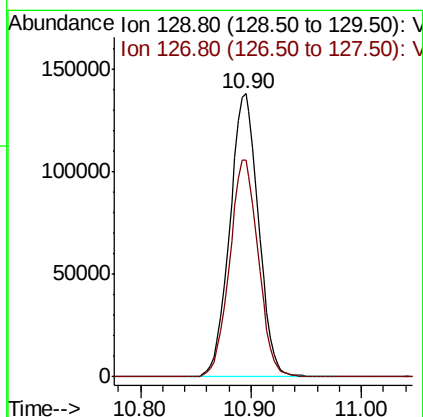
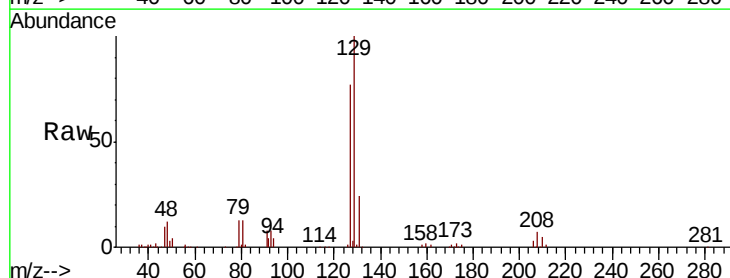
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

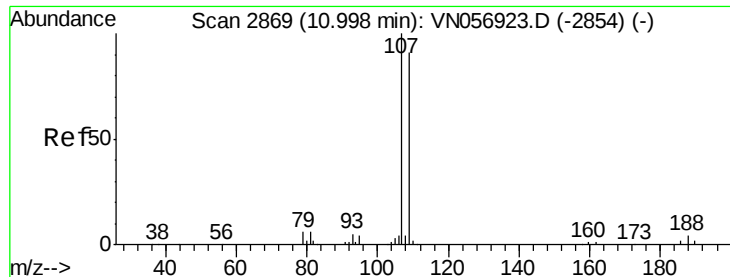
Tot Ion: 43 Resp: 894926
Ion Ratio Lower Upper
43 100
58 57.2 28.2 84.6



#60
Dibromochloromethane
Concen: 55.527 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 129 Resp: 249662
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

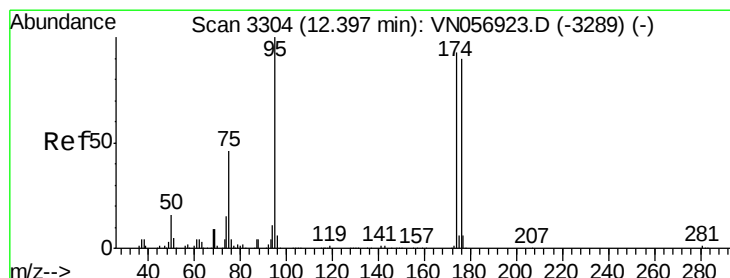
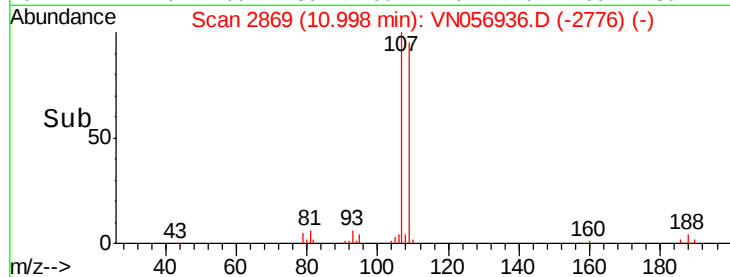
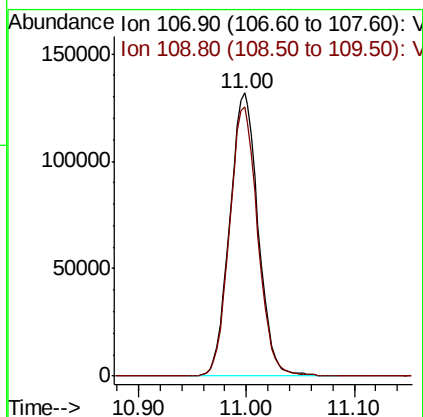
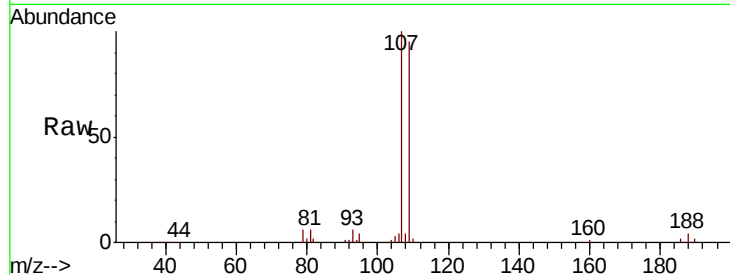




#61
 1,2-Dibromoethane
 Concen: 55.111 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

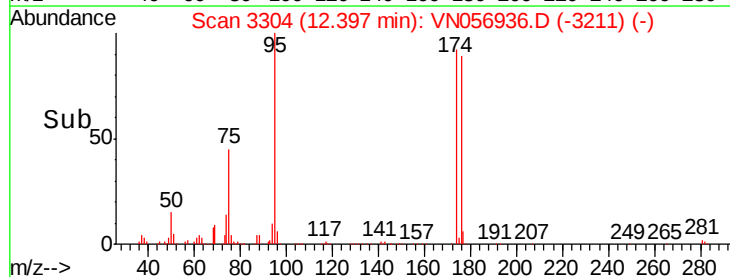
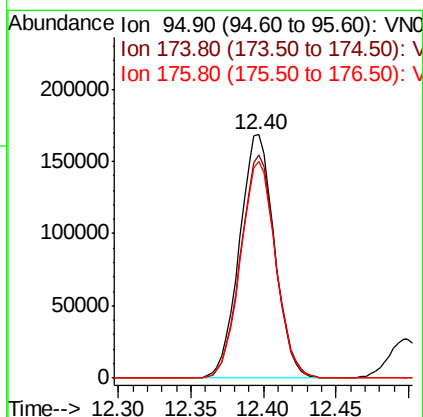
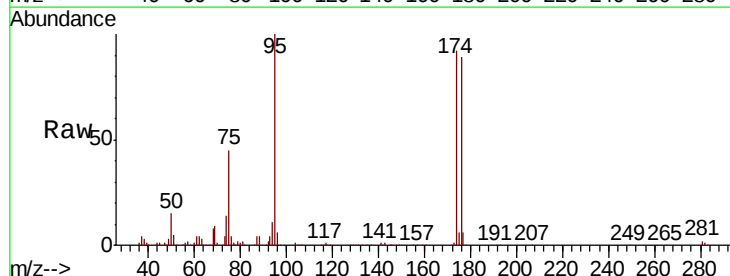
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

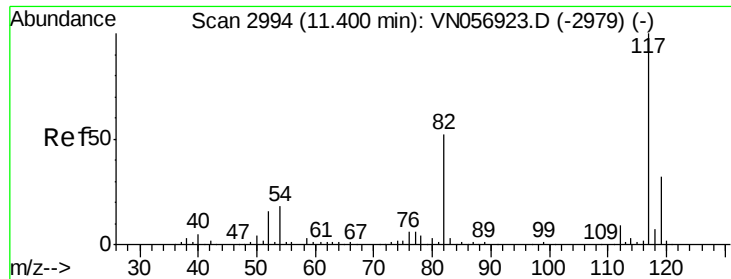
Tot Ion: 107 Resp: 242086
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 55.345 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 95 Resp: 282737
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 186.2
 176 89.3 0.0 179.6

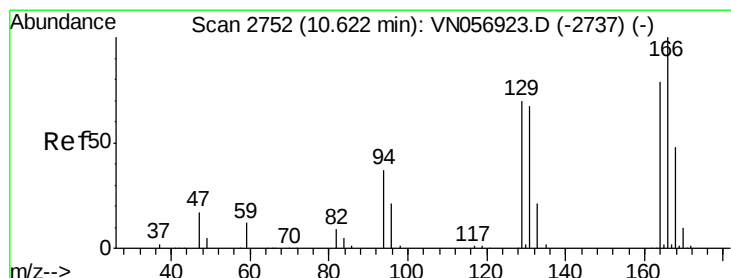
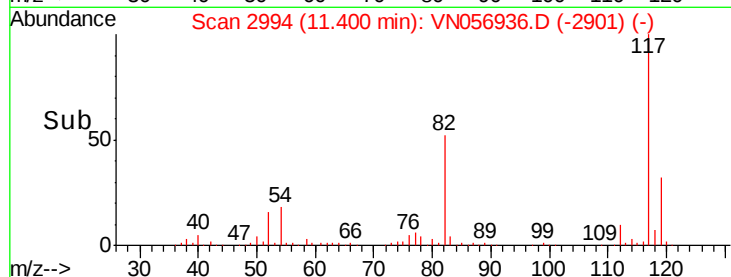
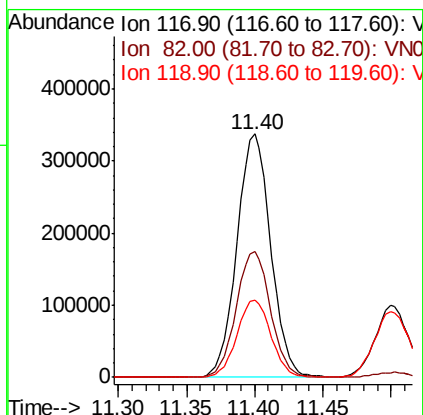
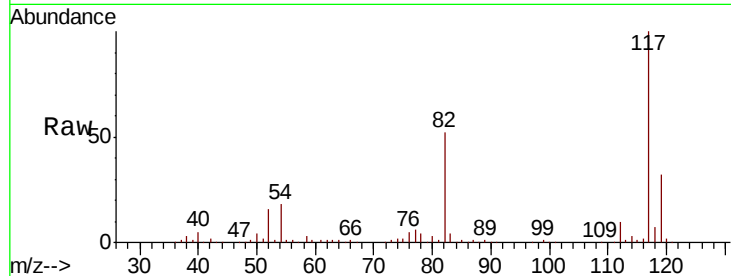




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

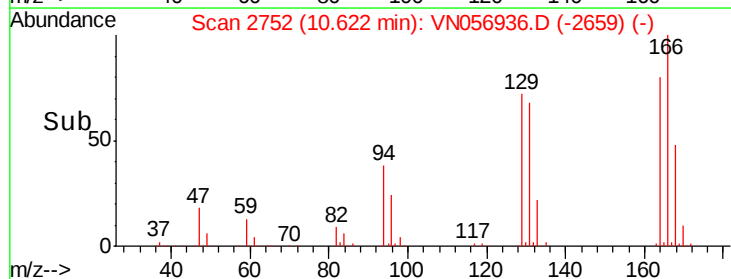
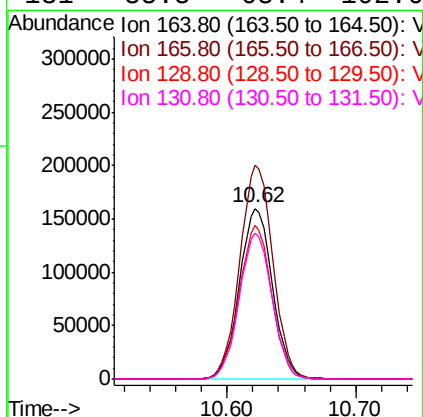
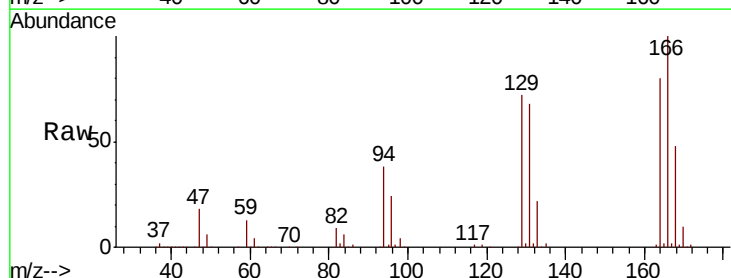
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

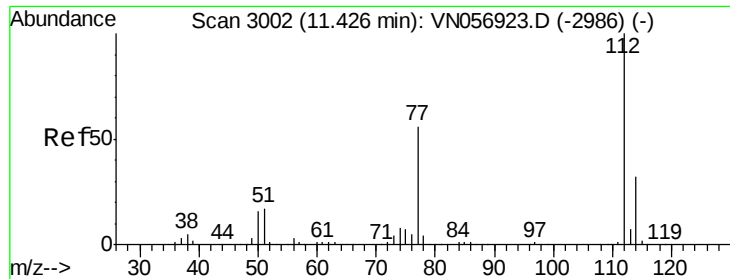
Tot Ion:117 Resp: 581065
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 53.667 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:164 Resp: 284847
Ion Ratio Lower Upper
164 100
166 125.0 101.6 152.4
129 89.7 70.9 106.3
131 85.5 68.4 102.6

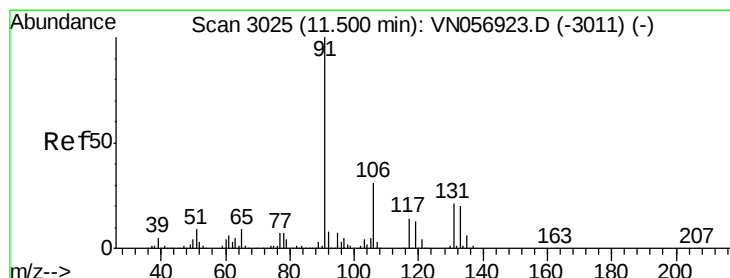
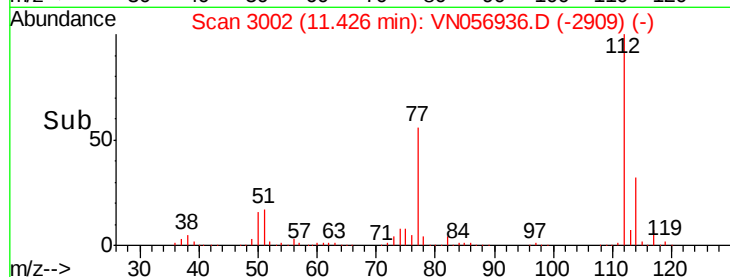
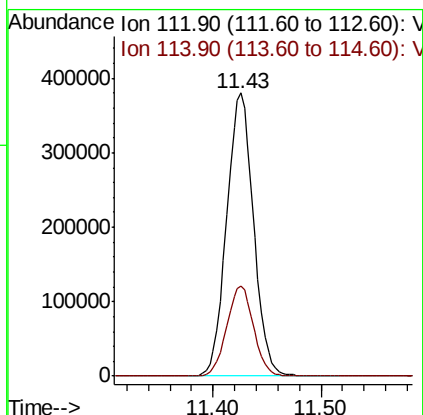
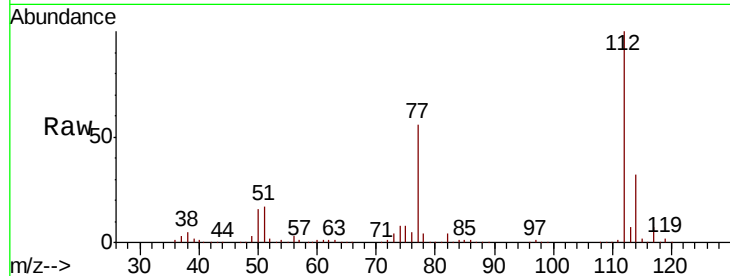




#65
Chlorobenzene
Concen: 54.289 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

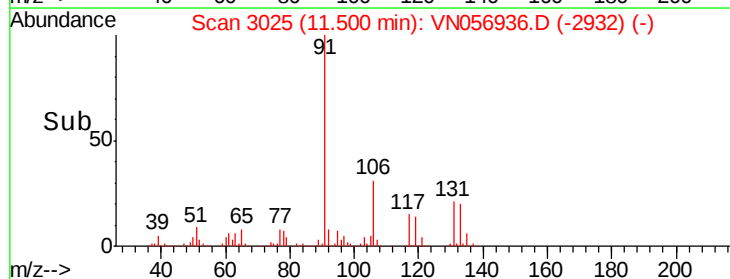
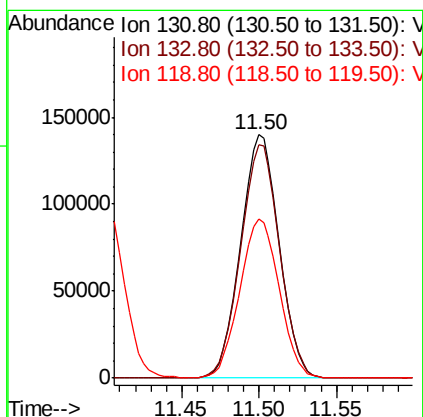
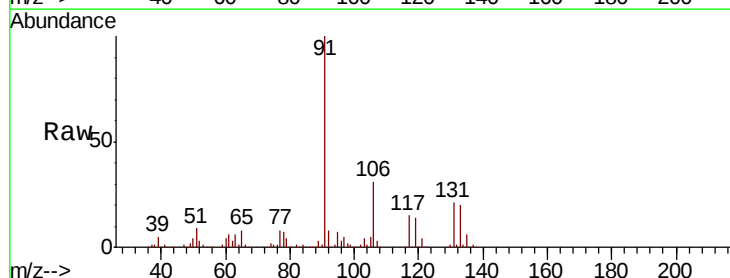
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

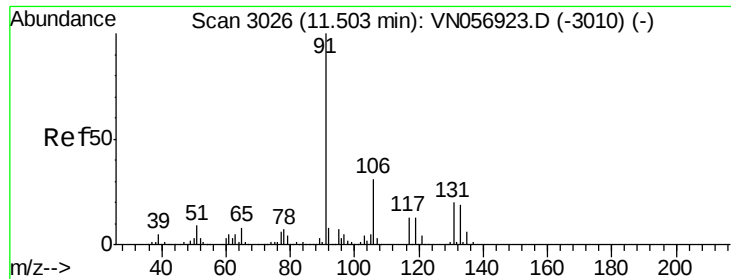
Tot Ion:112 Resp: 659995
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.527 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:131 Resp: 242007
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.4
119 67.0 32.6 98.0

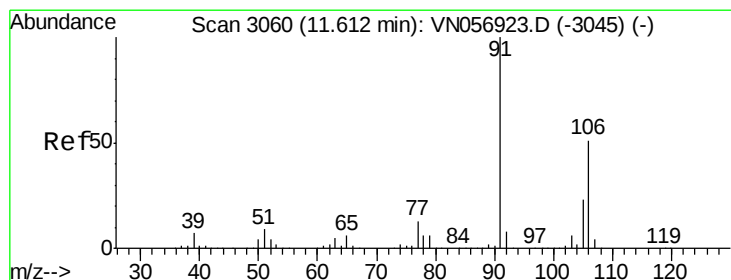
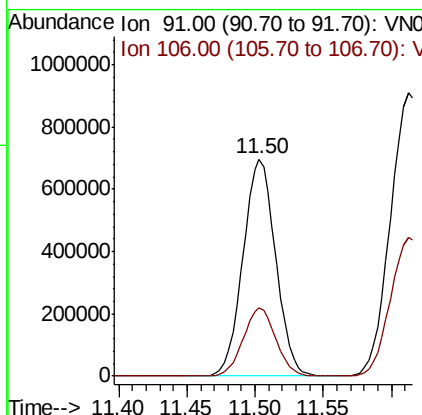
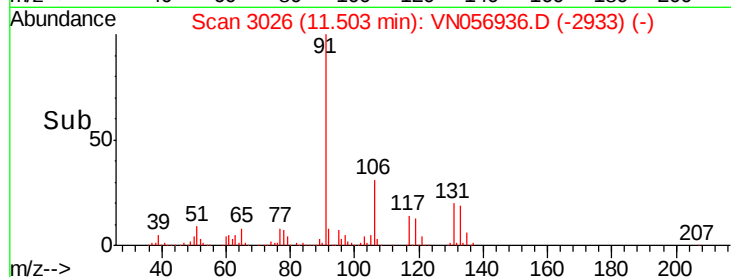
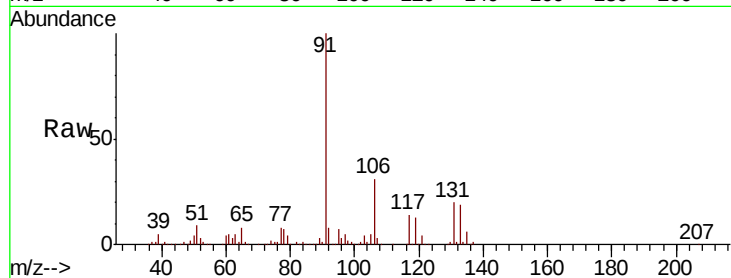




#67
Ethyl Benzene
Concen: 55.073 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

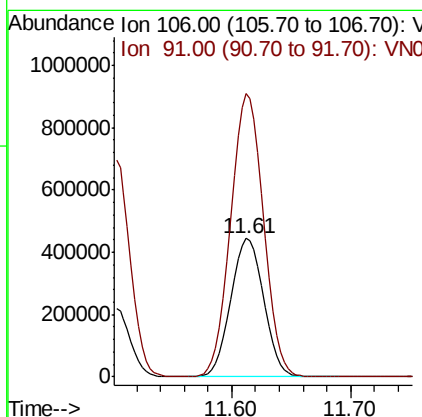
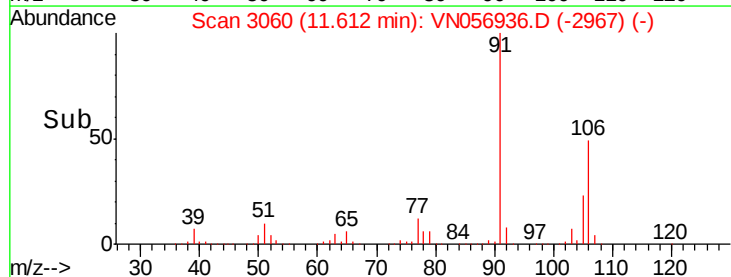
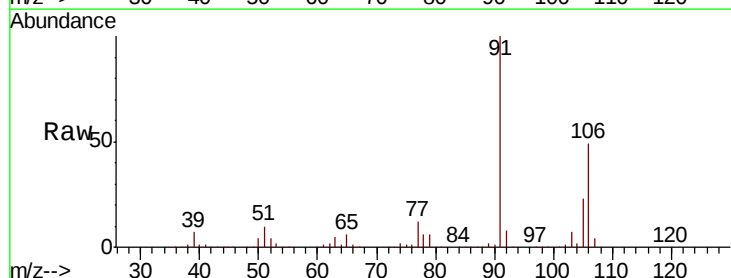
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

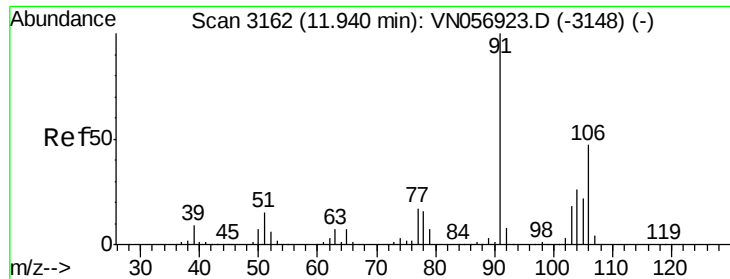
Tot Ion: 91 Resp: 1152750
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 109.498 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 106 Resp: 854636
Ion Ratio Lower Upper
106 100
91 202.7 159.6 239.4

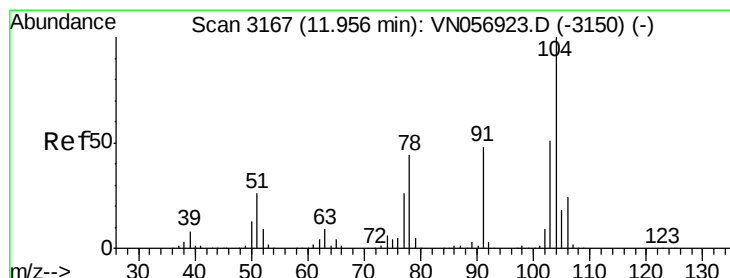
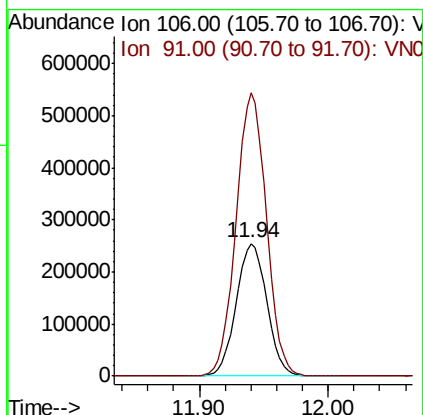
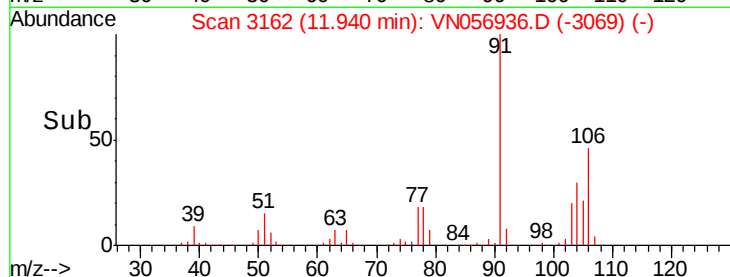
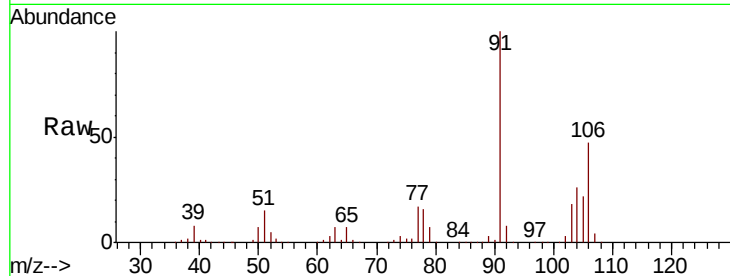




#69
o-Xylene
Concen: 55.072 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

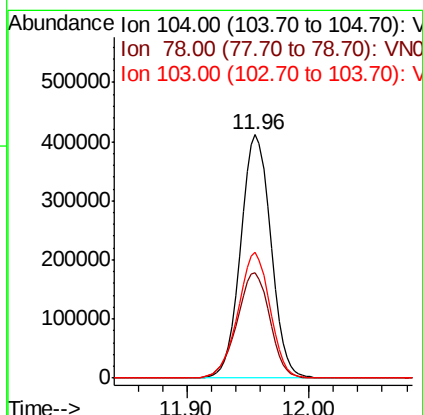
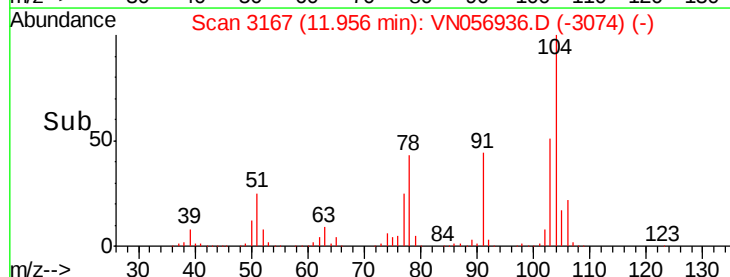
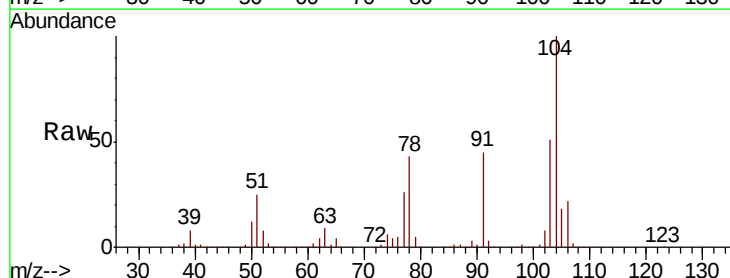
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

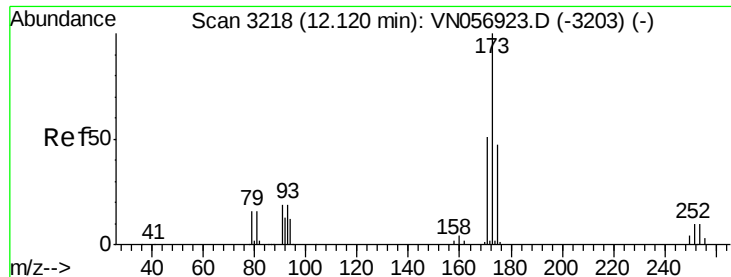
Tot Ion:106 Resp: 420609
Ion Ratio Lower Upper
106 100
91 211.3 105.7 317.0



#70
Styrene
Concen: 52.662 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:104 Resp: 702668
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 55.0 44.1 66.1

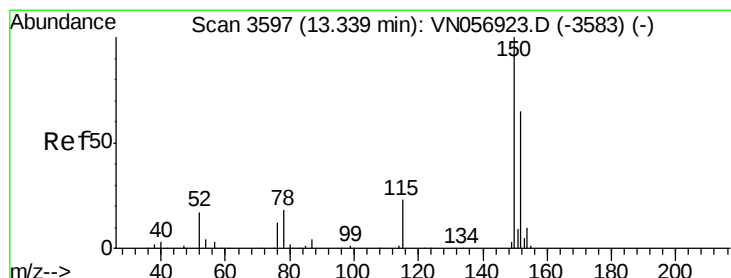
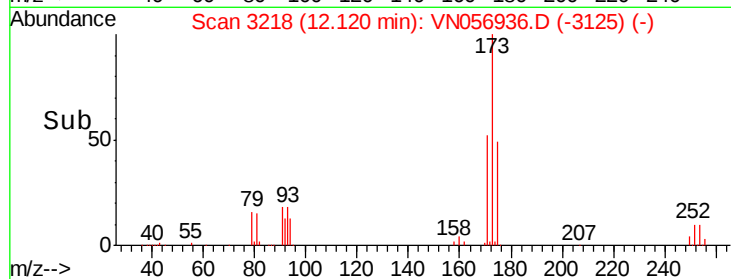
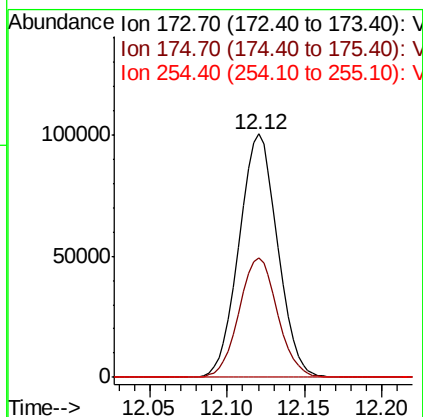
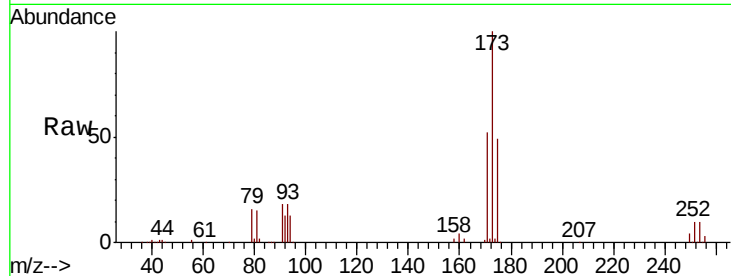




#71
Bromoform
Concen: 55.441 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

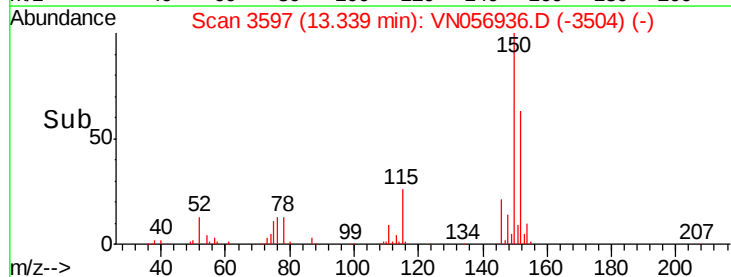
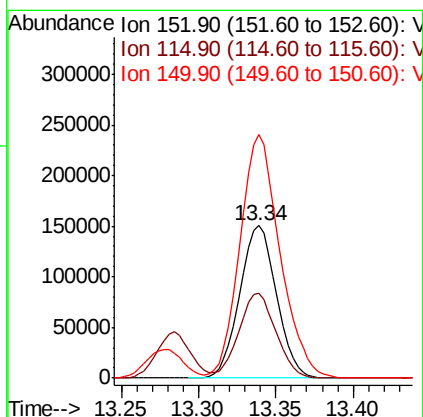
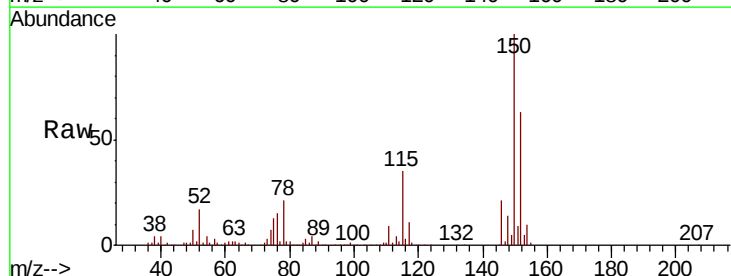
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

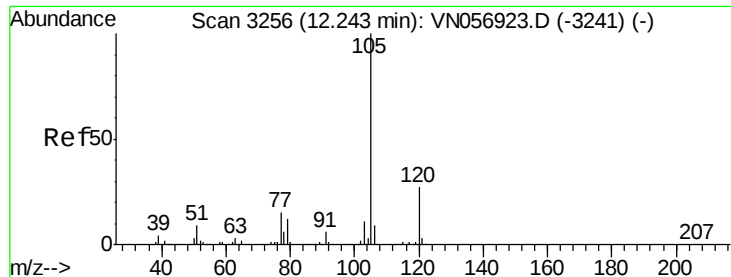
Tot Ion:173 Resp: 174101
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:152 Resp: 249055
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 173.7 0.0 354.2





#73

Isopropylbenzene

Concen: 57.370 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

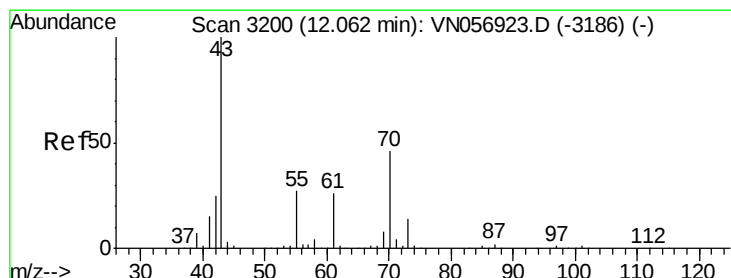
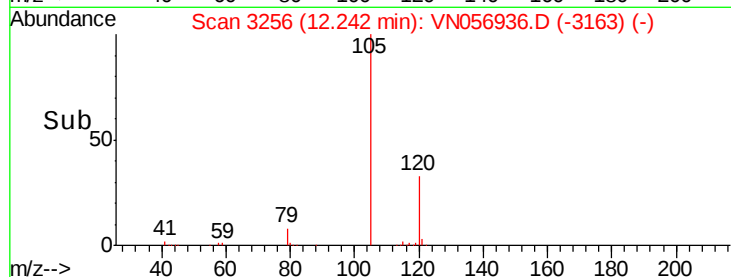
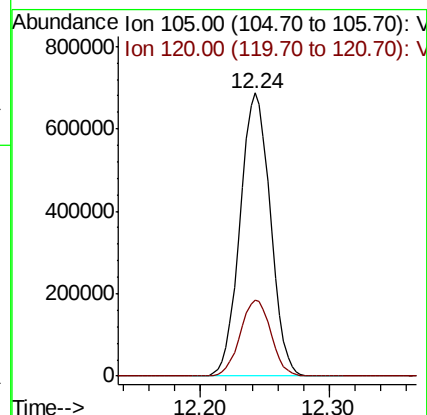
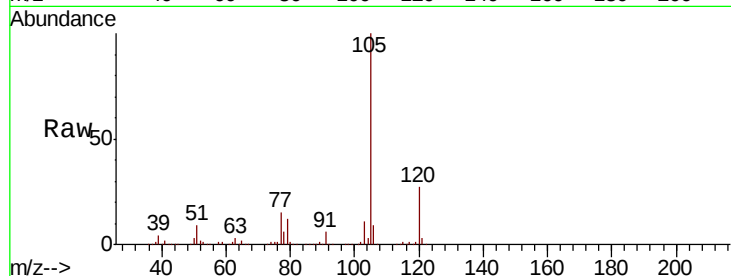
VSTDCCC050EC

Tot Ion:105 Resp: 1121531

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.017 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Tgt Ion: 43 Resp: 352794

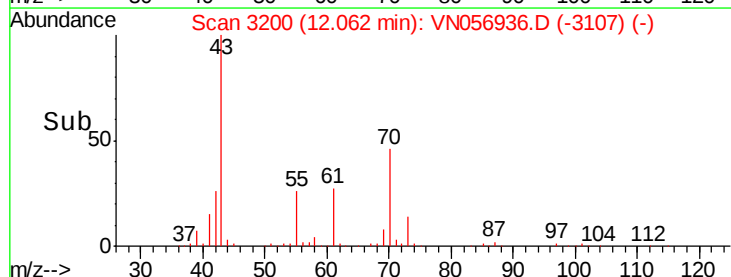
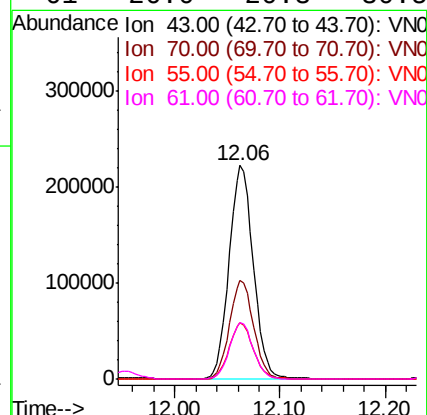
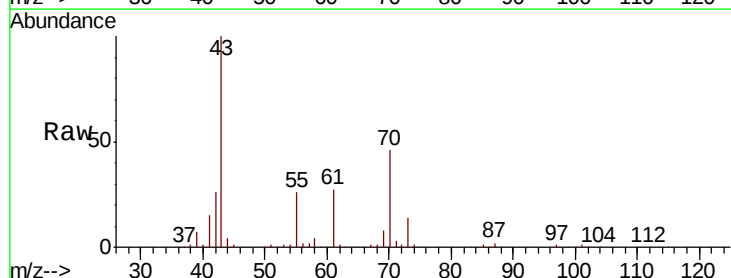
Ion Ratio Lower Upper

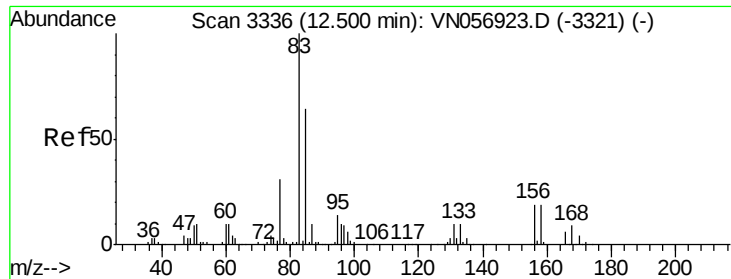
43 100

70 45.7 35.9 53.9

55 26.1 21.4 32.2

61 26.0 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.700 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

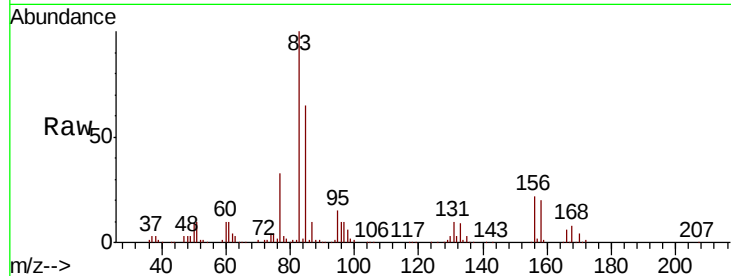
Tot Ion: 83 Resp: 302814

Ion Ratio Lower Upper

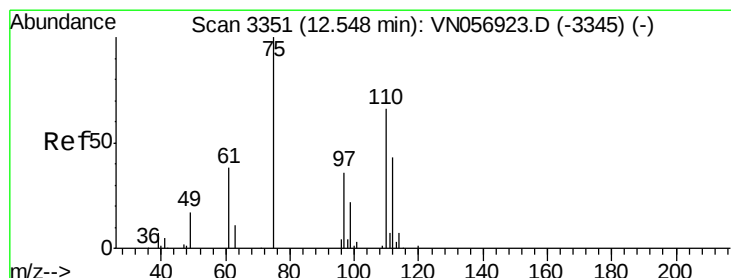
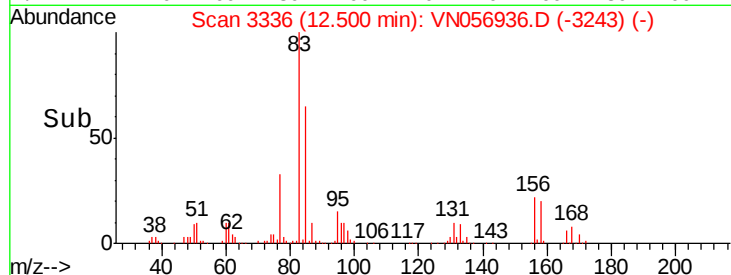
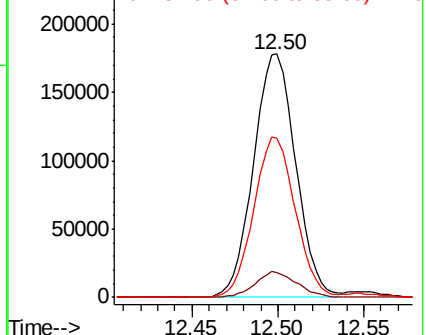
83 100

131 10.4 5.3 15.8

85 64.9 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 80.831 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056936.D

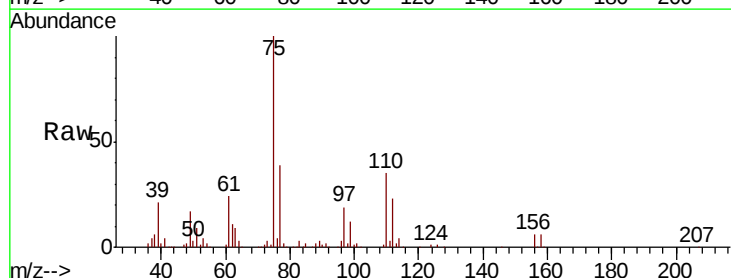
Acq: 25 Jul 2019 22:24

Tgt Ion: 75 Resp: 366792

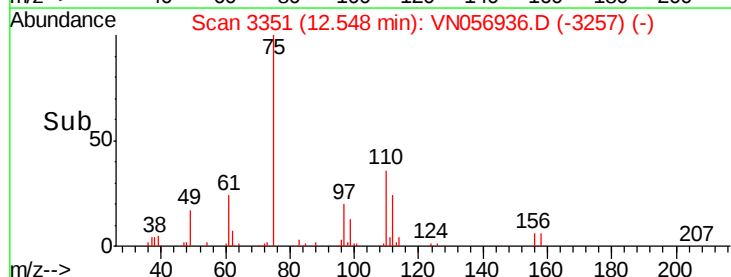
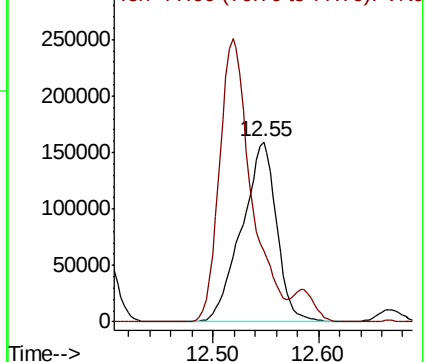
Ion Ratio Lower Upper

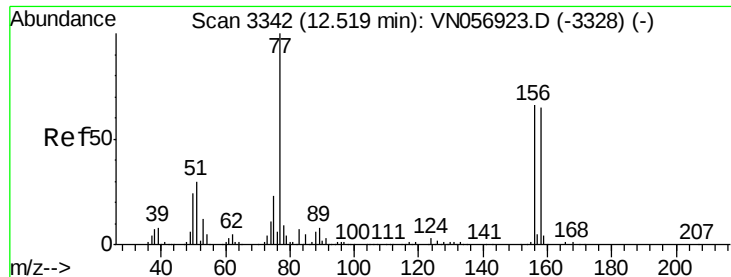
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.117 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

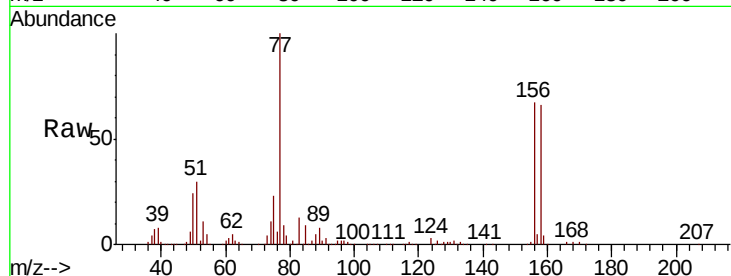
Tot Ion:156 Resp: 290294

Ion Ratio Lower Upper

156 100

77 180.8 90.8 272.3

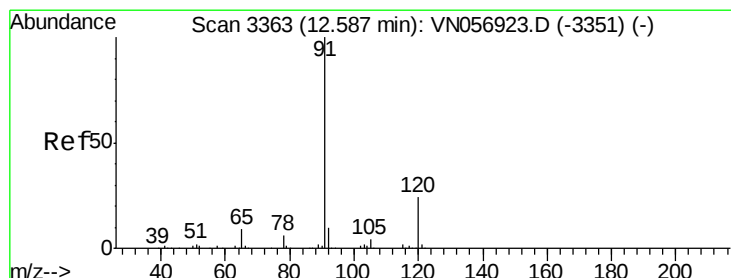
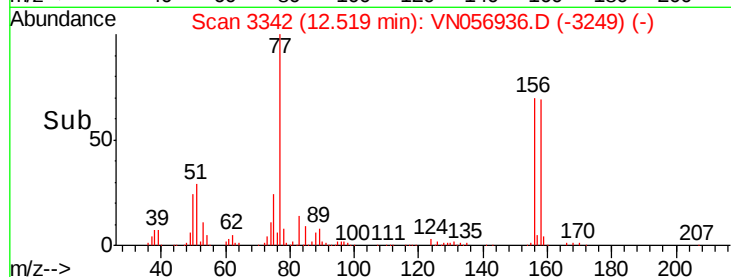
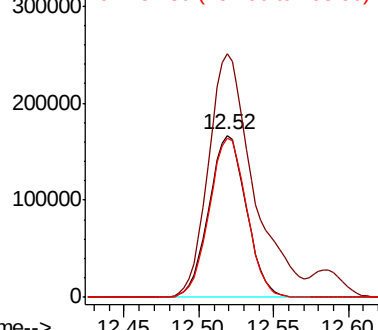
158 98.3 49.5 148.5



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: 51.546 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN056936.D

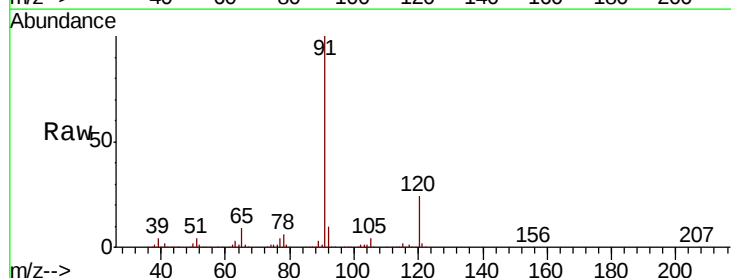
Acq: 25 Jul 2019 22:24

Tgt Ion: 91 Resp: 1234013

Ion Ratio Lower Upper

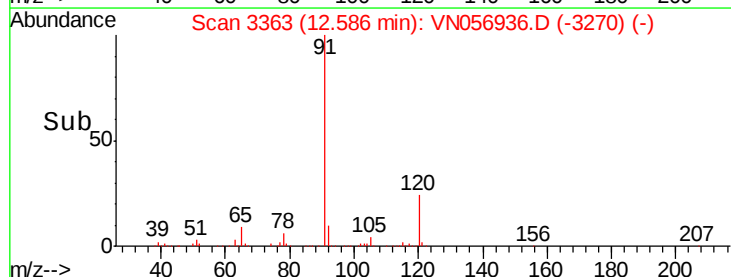
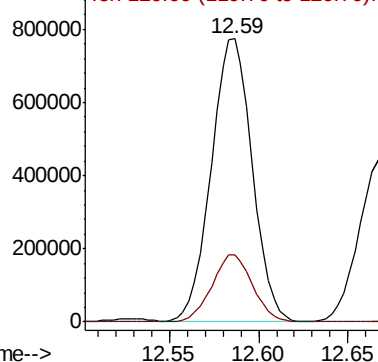
91 100

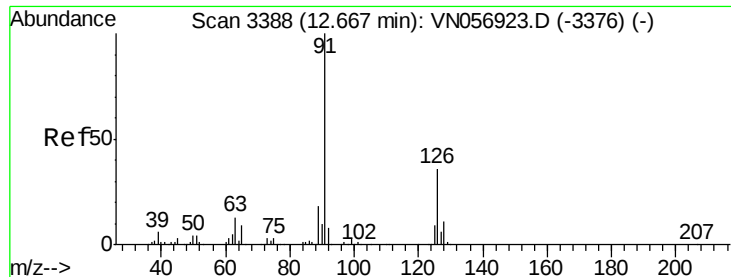
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.735 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

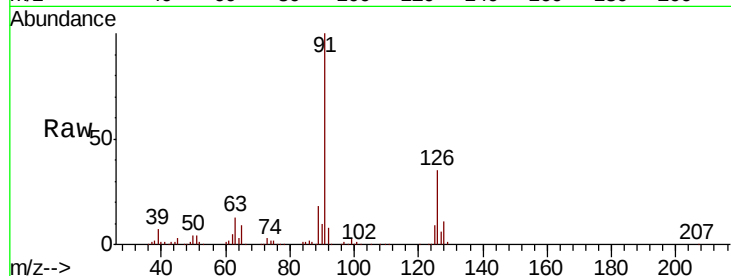
VSTDCCC050EC

Tot Ion: 91 Resp: 736115

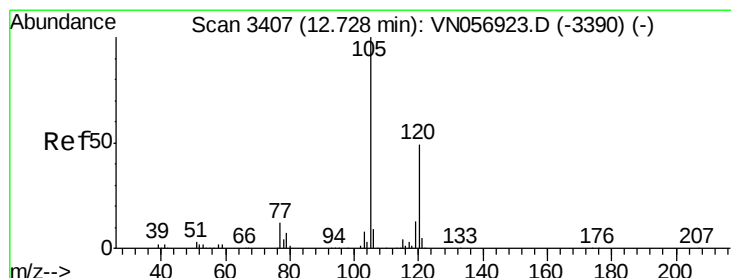
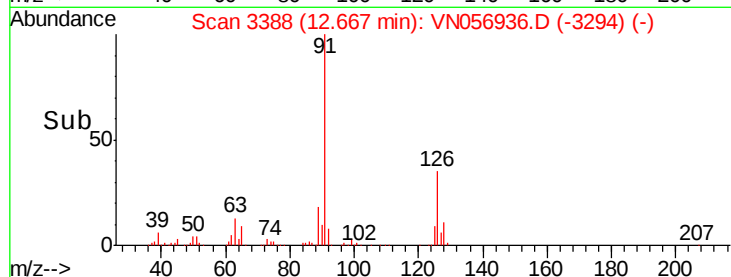
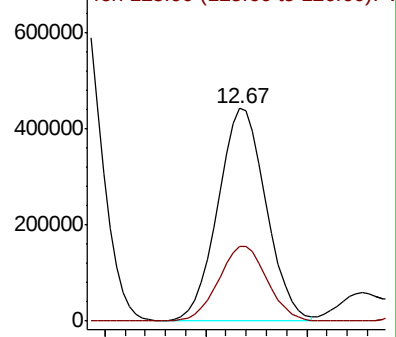
Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056923.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.431 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056936.D

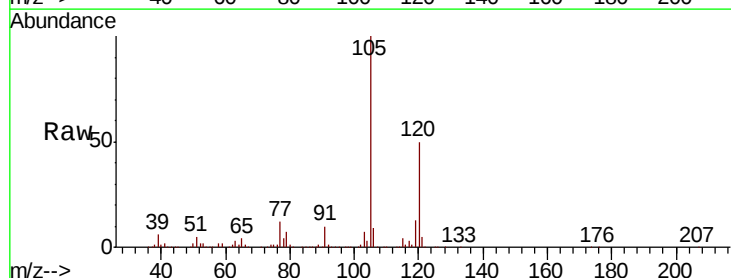
Acq: 25 Jul 2019 22:24

Tgt Ion:105 Resp: 944003

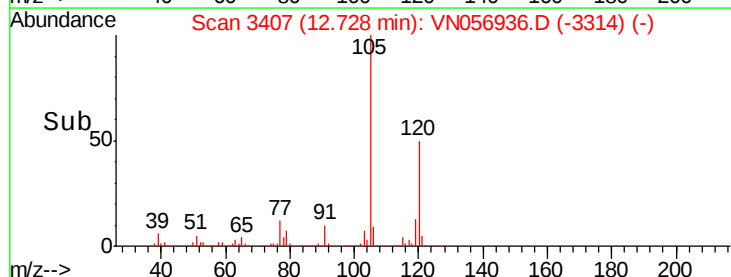
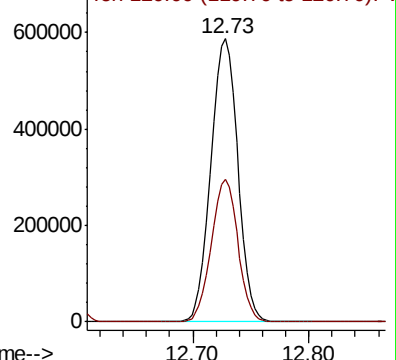
Ion Ratio Lower Upper

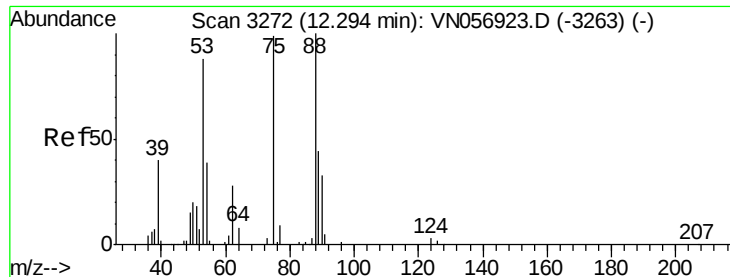
105 100

120 49.5 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN056923.D (-3390) (-)

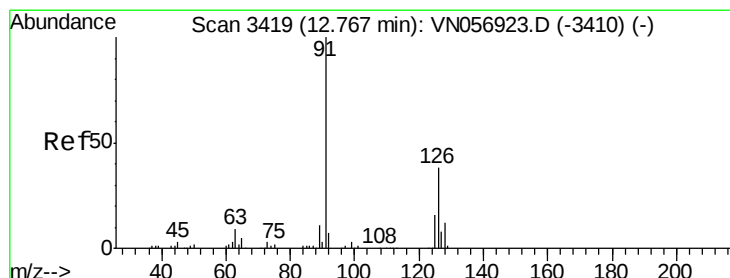
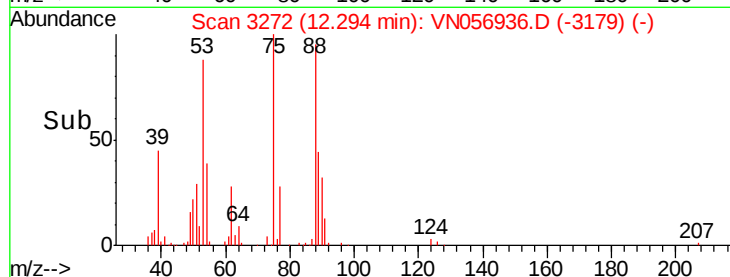
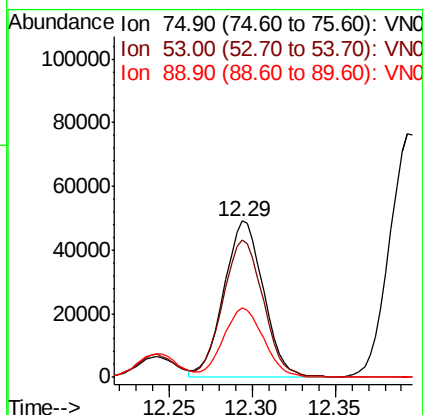
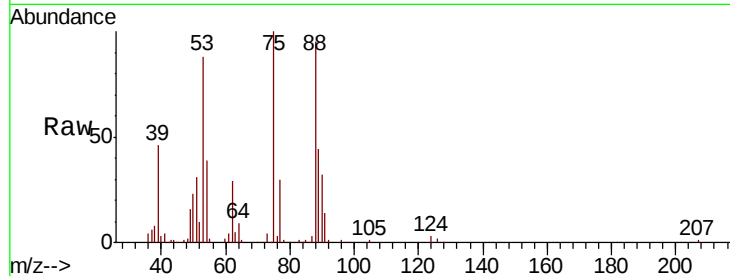




#81
trans-1,4-Dichloro-2-butene
Concen: 51.889 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

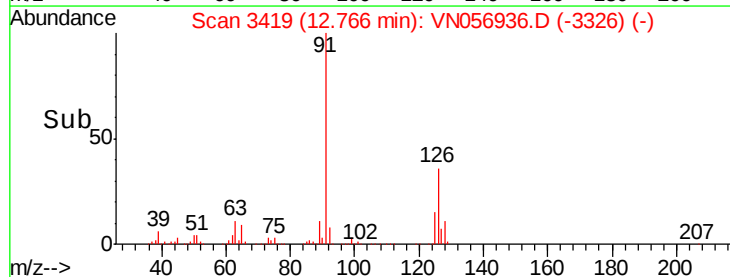
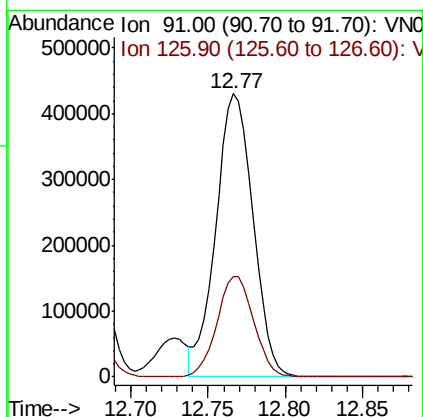
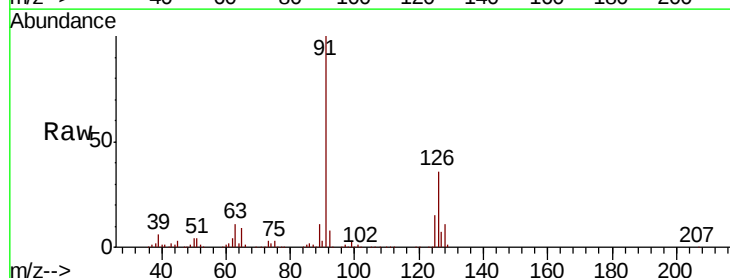
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

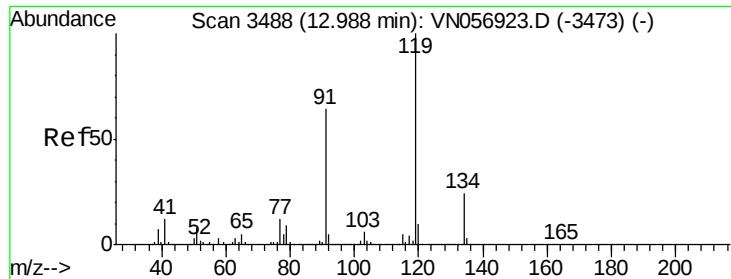
Tot Ion: 75 Resp: 82040
Ion Ratio Lower Upper
75 100
53 89.4 72.3 108.5
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 52.450 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 91 Resp: 718203
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

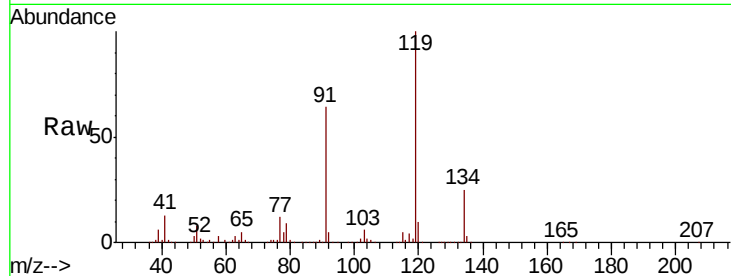




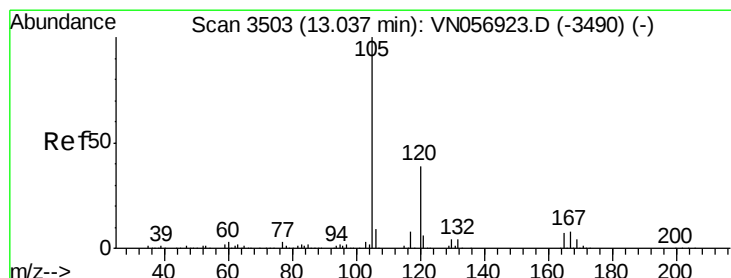
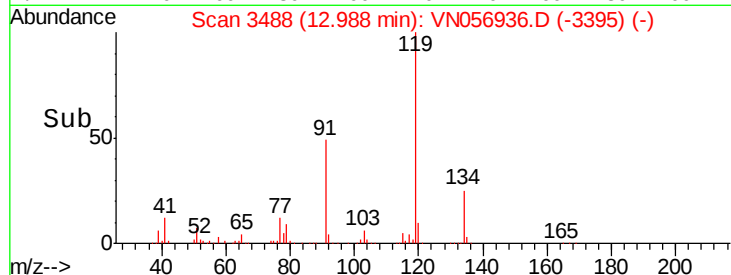
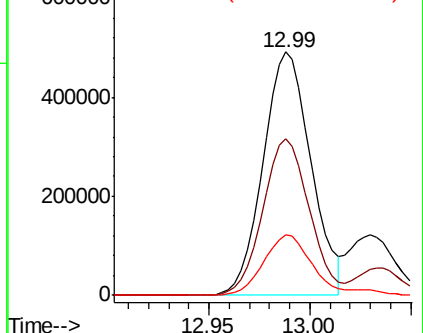
#83
 tert-Butylbenzene
 Concen: 57.469 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 810354
 Ion Ratio Lower Upper
 119 100
 91 62.7 31.6 95.0
 134 26.3 13.2 39.5

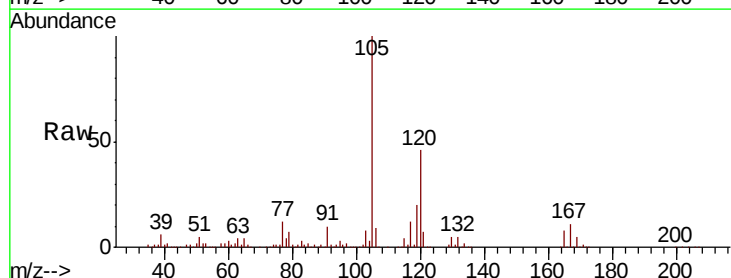


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

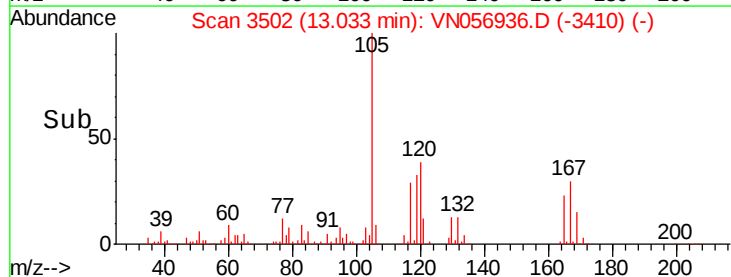
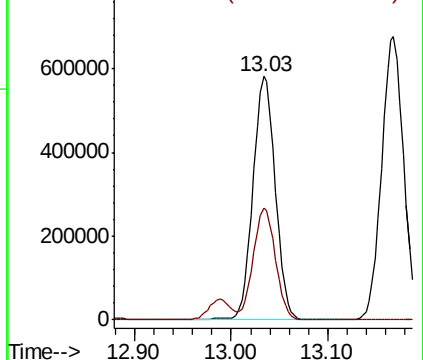


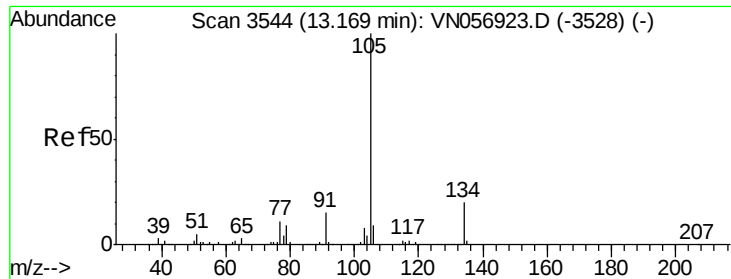
#84
 1,2,4-Trimethylbenzene
 Concen: 52.597 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion:105 Resp: 932321
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.002 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

Instrument :

MSVOA_N

ClientSampleId :

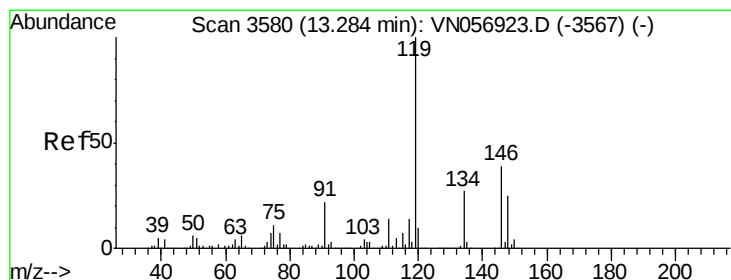
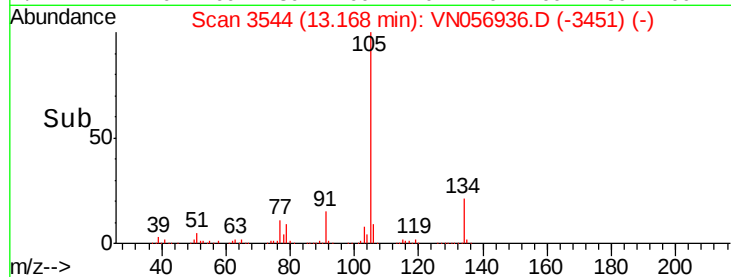
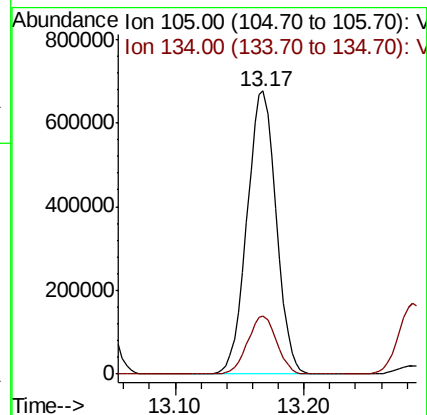
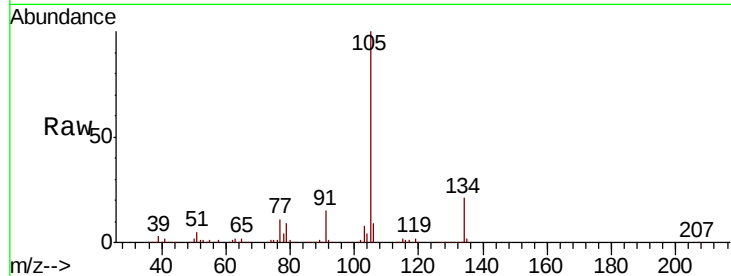
VSTDCCC050EC

Tot Ion:105 Resp: 1063666

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.962 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056936.D

Acq: 25 Jul 2019 22:24

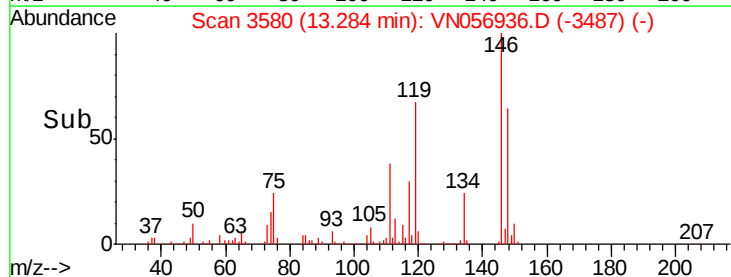
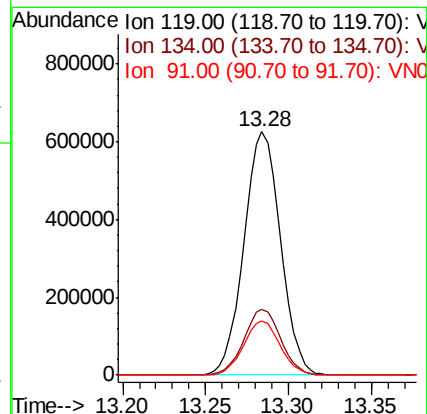
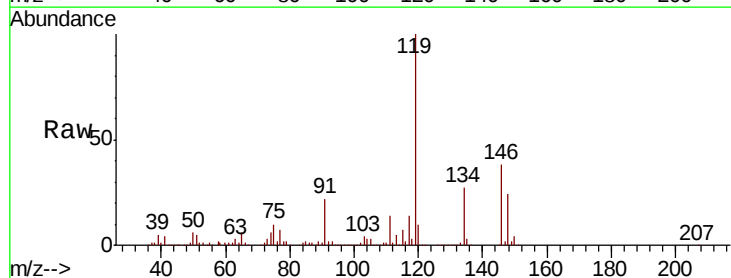
Tgt Ion:119 Resp: 957598

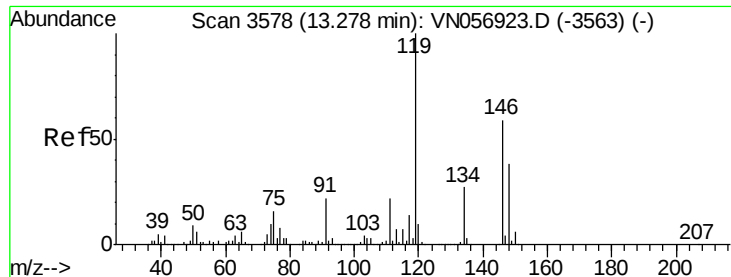
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.3 11.0 33.0

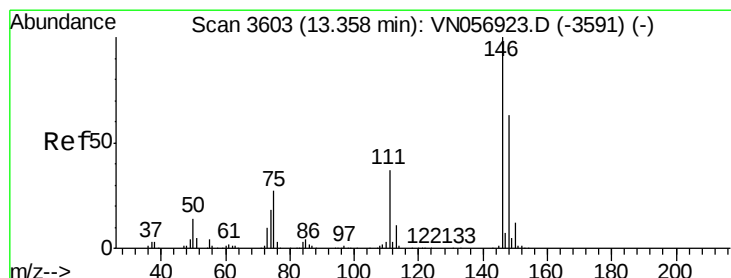
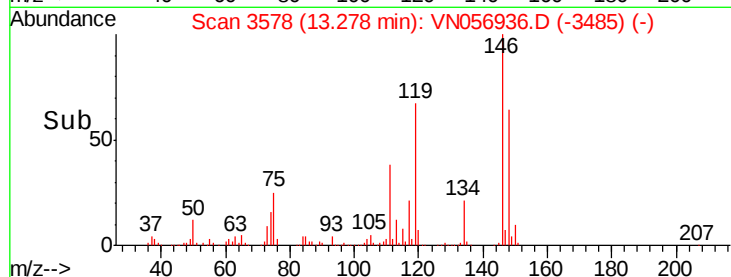
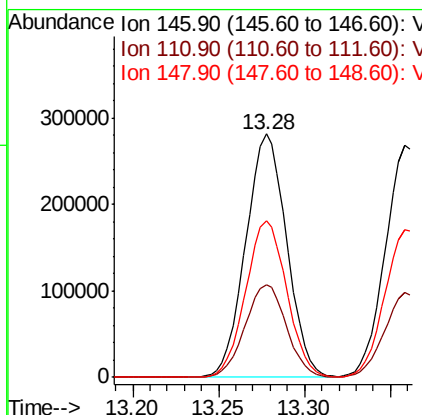
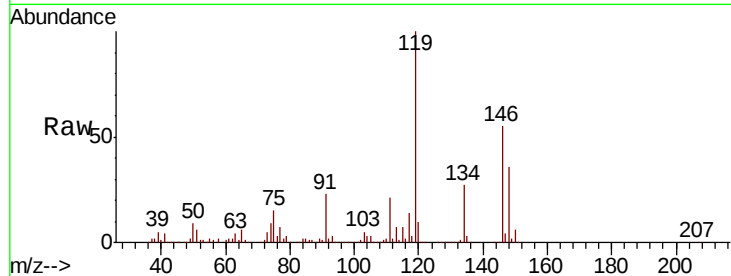




#87
 1,3-Dichlorobenzene
 Concen: 53.722 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

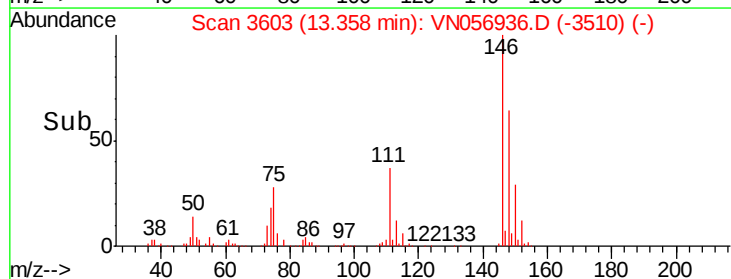
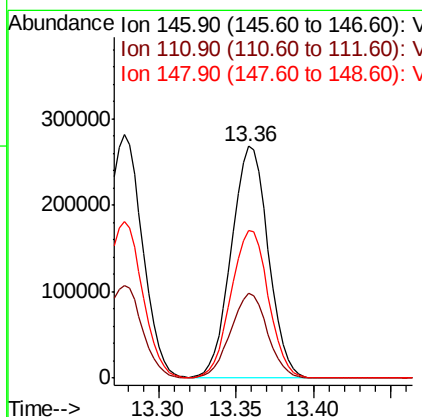
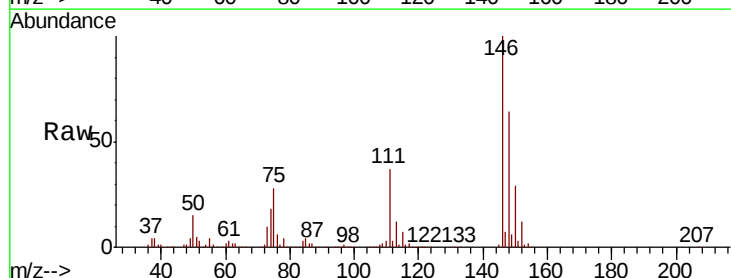
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

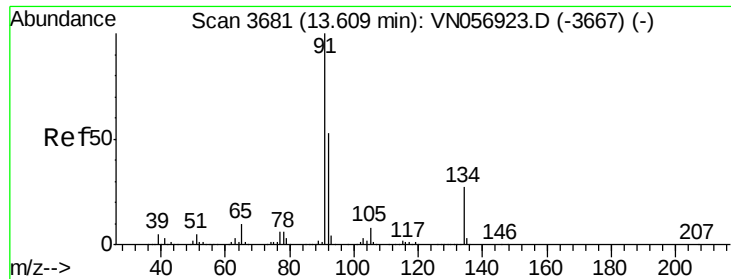
Tot Ion:146 Resp: 465590
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 56.0
 148 64.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 53.636 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion:146 Resp: 445115
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.9 56.5
 148 64.7 32.1 96.3

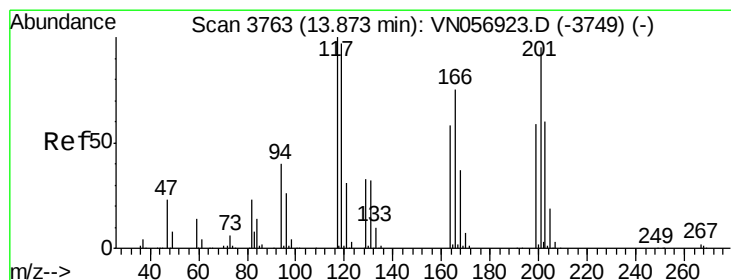
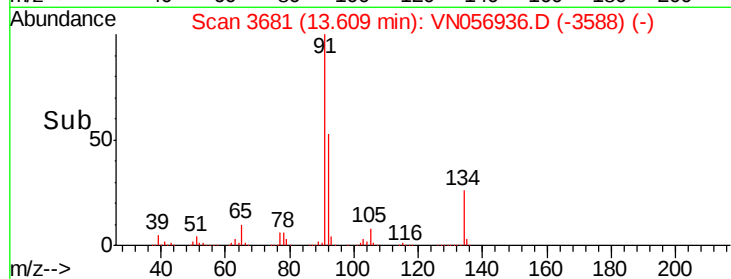
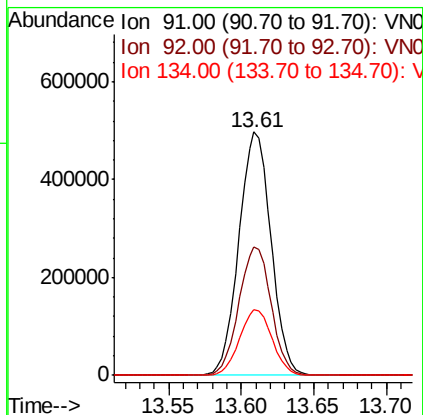
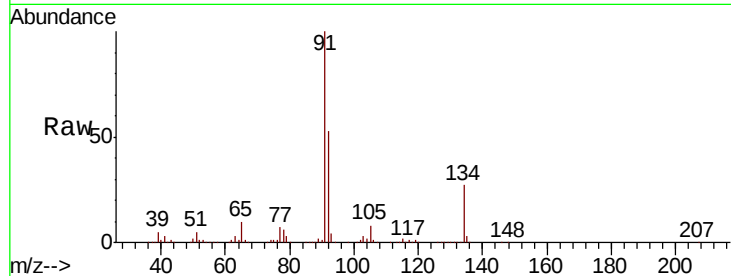




#89
n-Butylbenzene
Concen: 53.741 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

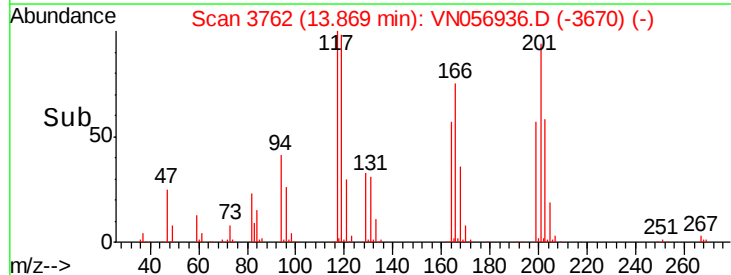
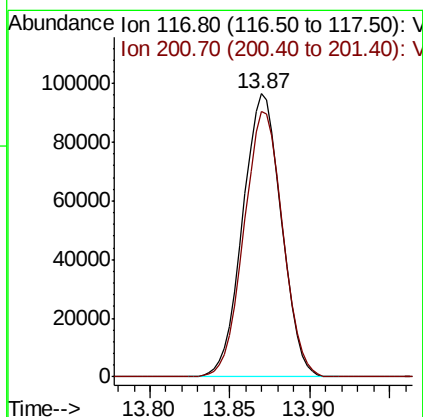
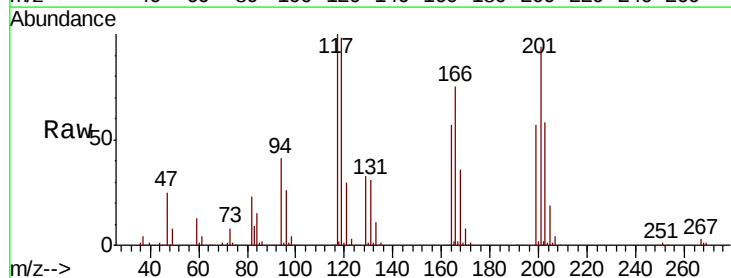
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

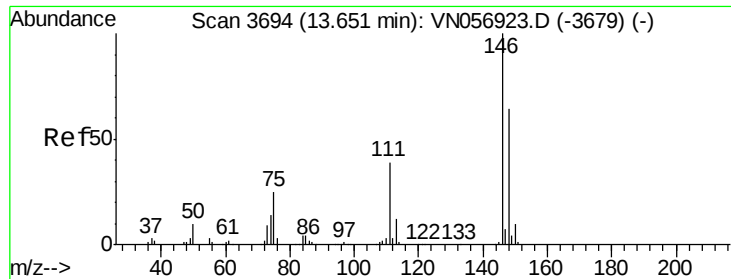
Tot Ion: 91 Resp: 764929
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 55.093 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion: 117 Resp: 159647
Ion Ratio Lower Upper
117 100
201 93.9 47.3 142.0

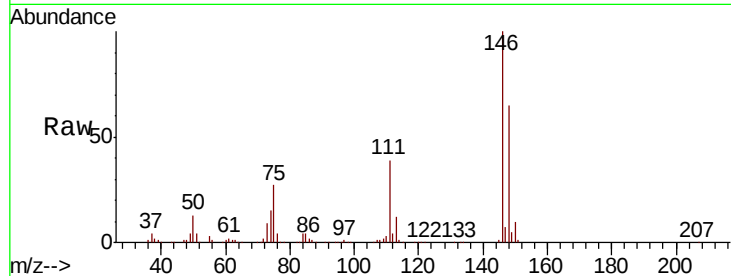




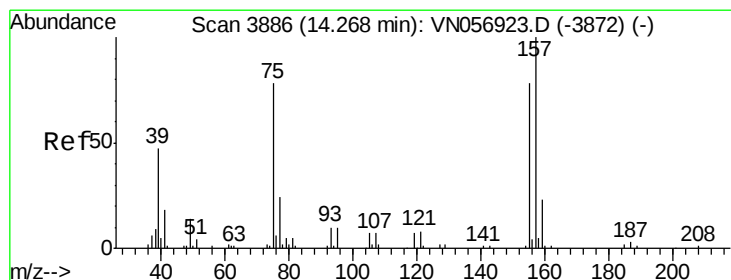
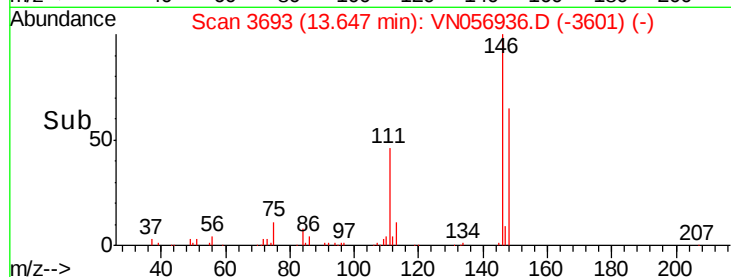
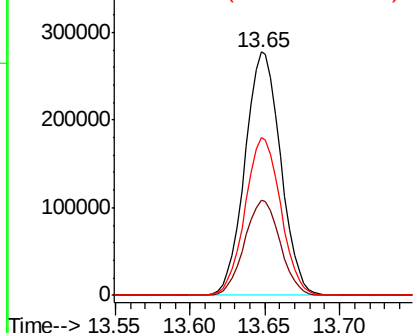
#91
 1,2-Dichlorobenzene
 Concen: 52.559 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 461392
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 64.8 32.2 96.6

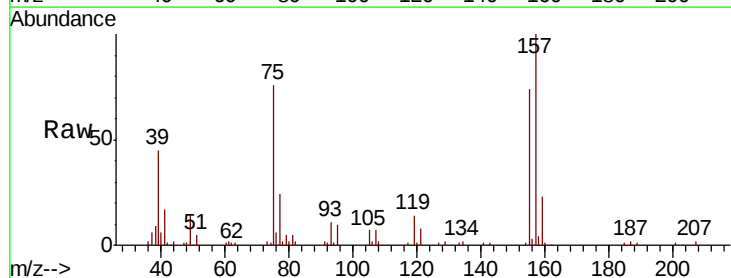


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

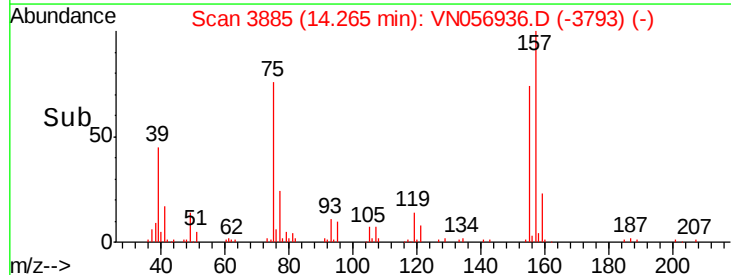
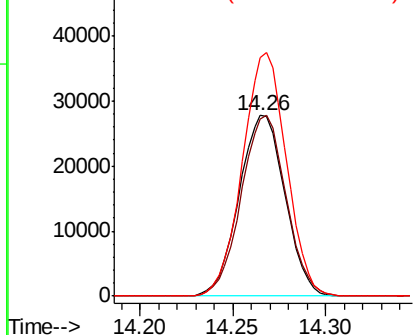


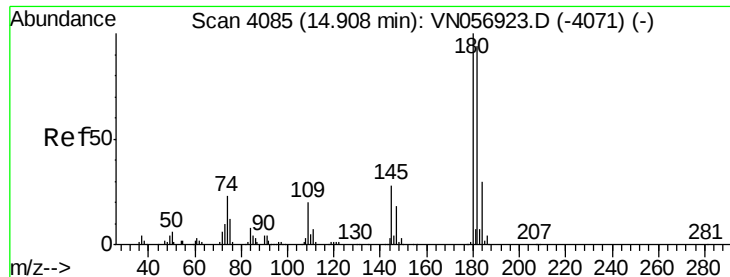
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.439 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion: 75 Resp: 47632
 Ion Ratio Lower Upper
 75 100
 155 97.7 47.3 141.9
 157 128.9 63.0 189.0



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

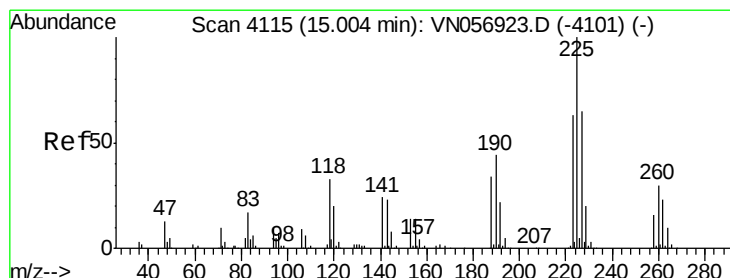
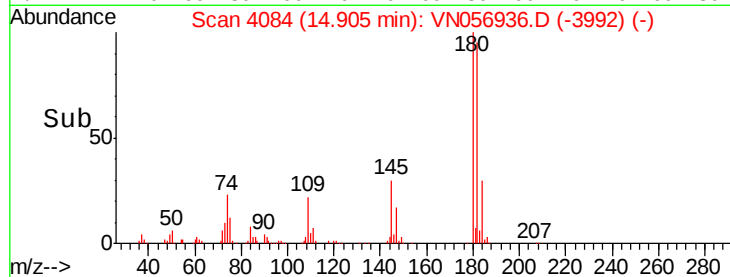
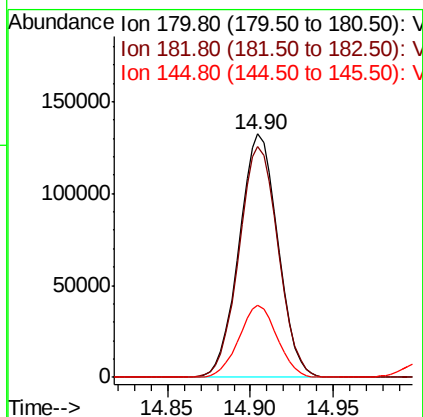
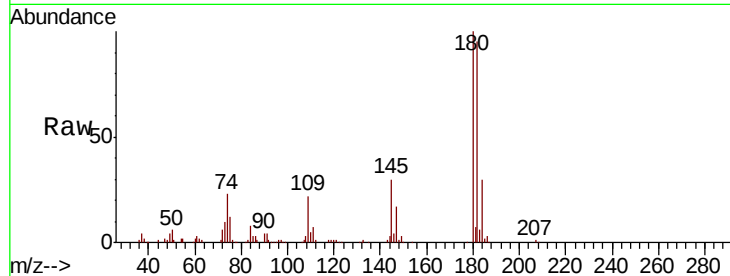




#93
 1,2,4-Trichlorobenzene
 Concen: 47.349 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

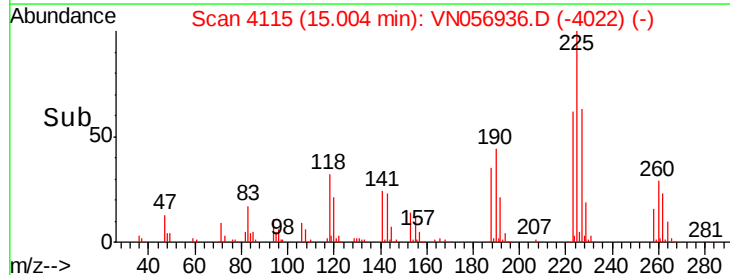
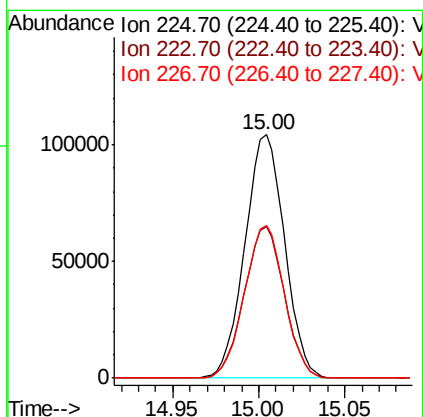
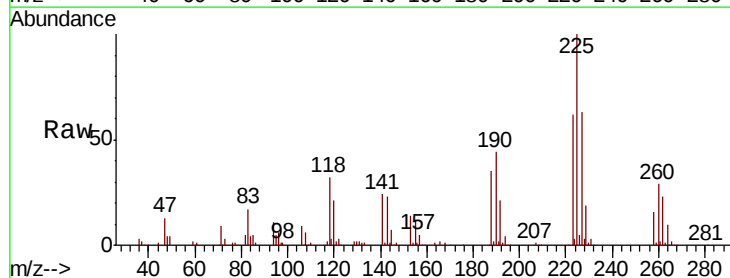
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

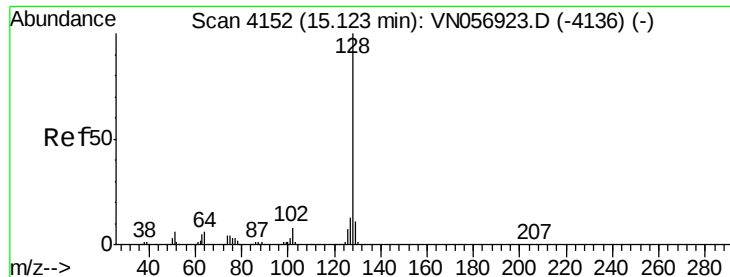
Tot Ion:180 Resp: 215441
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.8
 145 29.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 56.466 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056936.D
 Acq: 25 Jul 2019 22:24

Tgt Ion:225 Resp: 166784
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 62.8 31.9 95.7

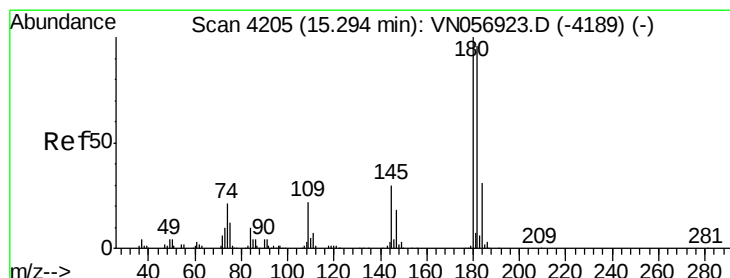
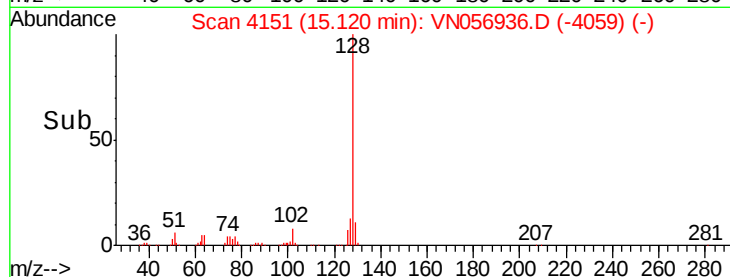
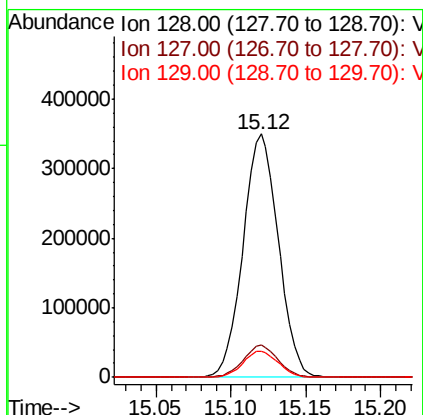
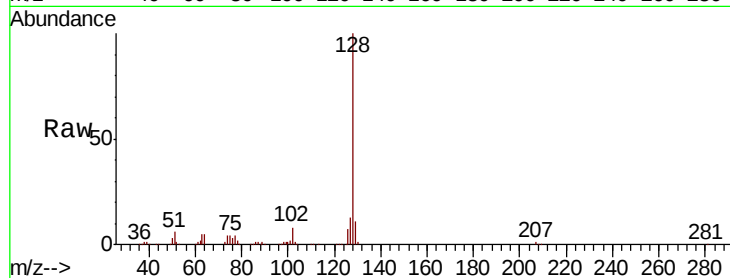




#95
Naphthalene
Concen: 48.940 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 575131
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.294 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN056936.D
Acq: 25 Jul 2019 22:24

Tgt Ion:180 Resp: 239542
Ion Ratio Lower Upper
180 100
182 93.7 48.4 145.3
145 29.1 15.1 45.3

