

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056867.D
 Acq On : 22 Jul 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 23 02:13:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	346509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	524756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	467587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	190298	51.49	ug/l	0.00
Spiked Amount						
			Recovery	=	102.98%	
35) Dibromofluoromethane	7.59	113	170415	51.24	ug/l	0.00
Spiked Amount						
			Recovery	=	102.48%	
50) Toluene-d8	10.09	98	653012	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	217278	52.18	ug/l	0.00
Spiked Amount						
			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	212096	50.081	ug/l	99
3) Chloromethane	2.06	50	237384	49.087	ug/l	98
4) Vinyl Chloride	2.18	62	226763	51.043	ug/l	100
5) Bromomethane	2.55	94	127928	47.342	ug/l	98
6) Chloroethane	2.70	64	122040	50.128	ug/l	99
7) Trichlorofluoromethane	3.01	101	269165	49.593	ug/l	99
8) Diethyl Ether	3.41	74	100954	49.920	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	167300	49.843	ug/l	99
10) Methyl Iodide	3.94	142	248259	52.609	ug/l	99
11) Tert butyl alcohol	4.81	59	147229	280.414	ug/l	98
12) 1,1-Dichloroethene	3.73	96	167789	49.898	ug/l	97
13) Acrolein	3.60	56	107394	245.830	ug/l	99
14) Allyl chloride	4.31	41	279655	50.586	ug/l	99
15) Acrylonitrile	4.99	53	421352	266.700	ug/l	99
16) Acetone	3.82	43	313942	235.874	ug/l	99
17) Carbon Disulfide	4.04	76	451125	49.153	ug/l	99
18) Methyl Acetate	4.33	43	237724	54.666	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	509869	51.322	ug/l	98
20) Methylene Chloride	4.54	84	193294	48.569	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	176975	50.384	ug/l	96
22) Diisopropyl ether	5.96	45	579936	51.889	ug/l	99
23) Vinyl Acetate	5.90	43	2123531	263.031	ug/l	100
24) 1,1-Dichloroethane	5.84	63	329567	50.896	ug/l	100
25) 2-Butanone	6.84	43	520238	265.921	ug/l	99
26) 2,2-Dichloropropane	6.82	77	215604	47.584	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	204320	50.739	ug/l	99
28) Bromochloromethane	7.19	49	150230	51.111	ug/l	99
29) Tetrahydrofuran	7.22	42	359503	267.272	ug/l	100
30) Chloroform	7.37	83	324737	50.026	ug/l	98
31) Cyclohexane	7.65	56	308809	49.155	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	270119	51.437	ug/l	100
36) 1,1-Dichloropropene	7.79	75	243860	50.392	ug/l	99
37) Ethyl Acetate	6.93	43	214541	54.975	ug/l	99
38) Carbon Tetrachloride	7.77	117	233260	50.634	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056867.D
 Acq On : 22 Jul 2019 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 23 02:13:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	306167	50.559	ug/l	99
40) Benzene	8.04	78	764010	50.826	ug/l	100
41) Methacrylonitrile	7.18	41	93565	48.288	ug/l	92
42) 1,2-Dichloroethane	8.12	62	238924	50.869	ug/l	100
43) Isopropyl Acetate	8.17	43	350888	52.302	ug/l	99
44) Trichloroethene	8.83	130	203867	50.638	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205871	50.839	ug/l	100
46) Dibromomethane	9.21	93	128371	51.359	ug/l	99
47) Bromodichloromethane	9.40	83	246286	52.396	ug/l	96
48) Methyl methacrylate	9.20	41	177784	52.973	ug/l	100
49) 1,4-Dioxane	9.20	88	70434	1069.920	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1076037	268.965	ug/l	99
52) Toluene	10.15	92	470269	51.989	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	257426	53.361	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	296868	52.197	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	183898	51.221	ug/l	99
56) Ethyl methacrylate	10.43	69	275597	55.296	ug/l	97
57) 1,3-Dichloropropane	10.71	76	308223	51.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	573373	244.464	ug/l	100
59) 2-Hexanone	10.75	43	756609	273.221	ug/l	100
60) Dibromochloromethane	10.90	129	193211	53.630	ug/l	99
61) 1,2-Dibromoethane	11.00	107	188999	53.005	ug/l	99
64) Tetrachloroethene	10.63	164	211063	52.616	ug/l	99
65) Chlorobenzene	11.43	112	498798	51.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	187564	51.201	ug/l	99
67) Ethyl Benzene	11.51	91	878567	52.375	ug/l	99
68) m/p-Xylenes	11.62	106	659640	105.040	ug/l	99
69) o-Xylene	11.95	106	321818	52.495	ug/l	98
70) Styrene	11.96	104	542382	50.414	ug/l	100
71) Bromoform	12.12	173	137054	53.988	ug/l #	98
73) Isopropylbenzene	12.25	105	860784	55.170	ug/l	100
74) N-amyl acetate	12.07	43	301061	49.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	243833	54.653	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	296680	69.168	ug/l #	100
77) Bromobenzene	12.53	156	223367	49.478	ug/l	99
78) n-propylbenzene	12.59	91	948016	49.834	ug/l	99
79) 2-Chlorotoluene	12.67	91	560957	53.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	718196	54.373	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70485	52.632	ug/l	99
82) 4-Chlorotoluene	12.77	91	548711	48.481	ug/l	99
83) tert-Butylbenzene	12.99	119	614245	53.594	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	711824	49.644	ug/l	99
85) sec-Butylbenzene	13.17	105	809733	48.056	ug/l	99
86) p-Isopropyltoluene	13.29	119	729234	48.581	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	360232	49.780	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	348637	49.592	ug/l	99
89) n-Butylbenzene	13.61	91	591620	51.262	ug/l	100
90) Hexachloroethane	13.87	117	123716	47.207	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	355393	48.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38475	48.585	ug/l	98

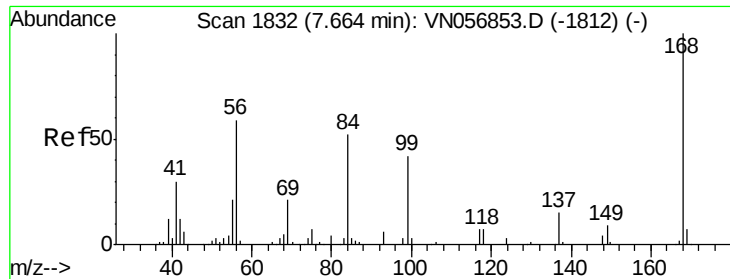
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
Data File : VN056867.D
Acq On : 22 Jul 2019 20:37
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 23 02:13:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	172569	44.625	ug/l	99
94) Hexachlorobutadiene	15.01	225	125736	51.935	ug/l	99
95) Naphthalene	15.13	128	459372	45.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	185330	46.603	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

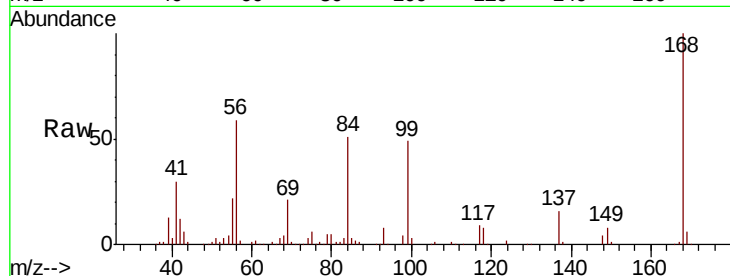
VSTDCCC050EC

Tot Ion:168 Resp: 346509

Ion Ratio Lower Upper

168 100

99 49.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

50000

0

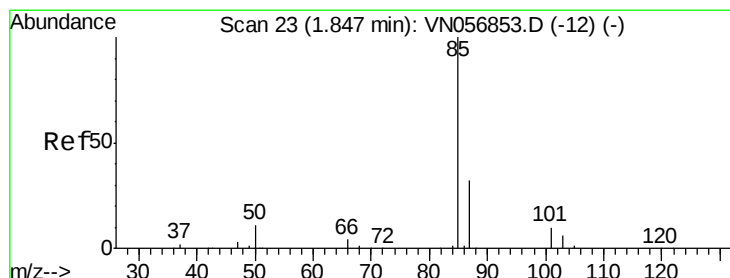
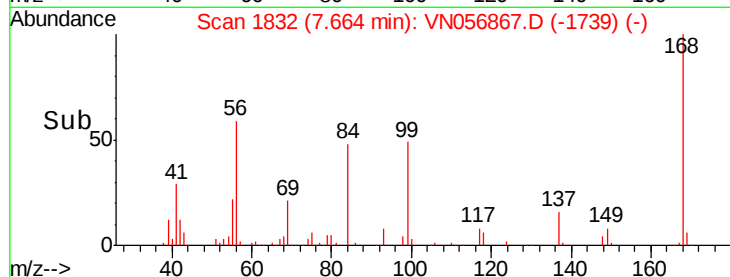
7.66

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.081 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056867.D

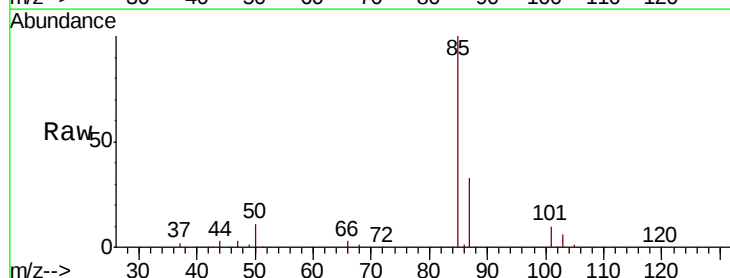
Acq: 22 Jul 2019 20:37

Tgt Ion: 85 Resp: 212096

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

150000

100000

50000

0

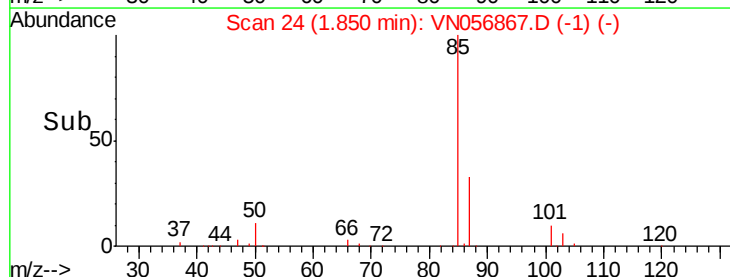
1.85

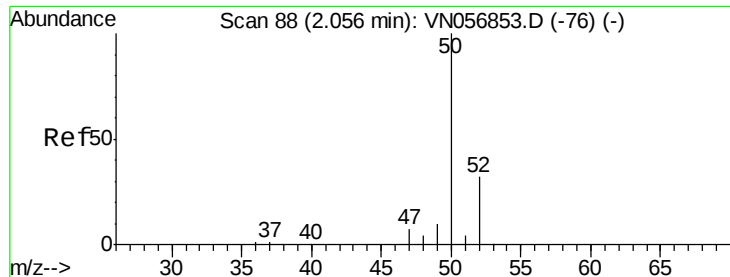
1.80

1.90

1.95

Time-->





#3

Chloromethane

Concen: 49.087 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

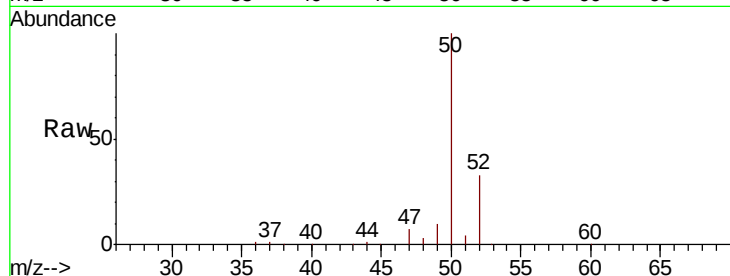
VSTDCCC050EC

Tot Ion: 50 Resp: 237384

Ion Ratio Lower Upper

50 100

52 33.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

150000

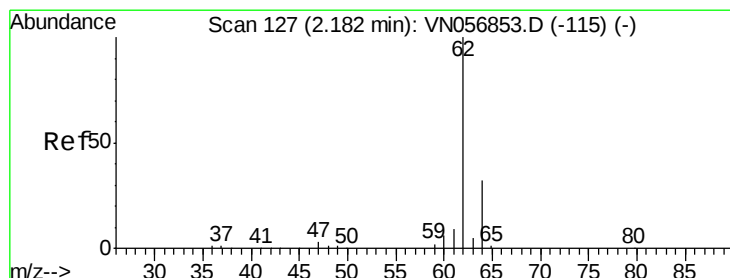
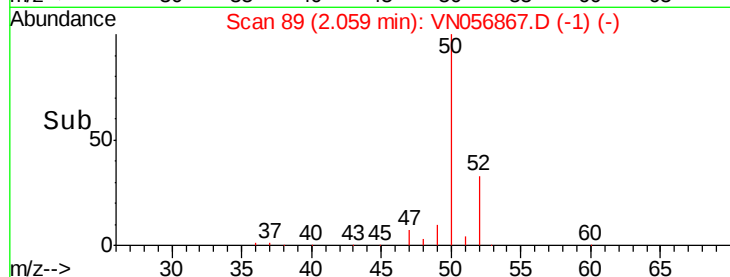
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 51.043 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056867.D

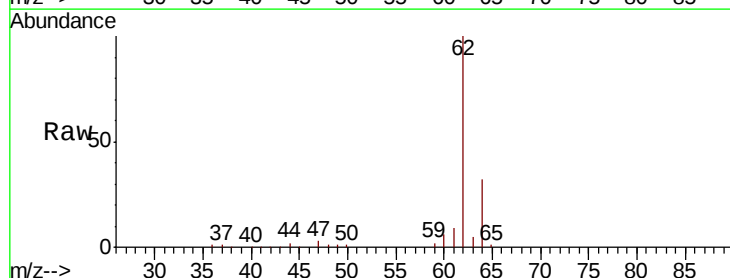
Acq: 22 Jul 2019 20:37

Tgt Ion: 62 Resp: 226763

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

150000

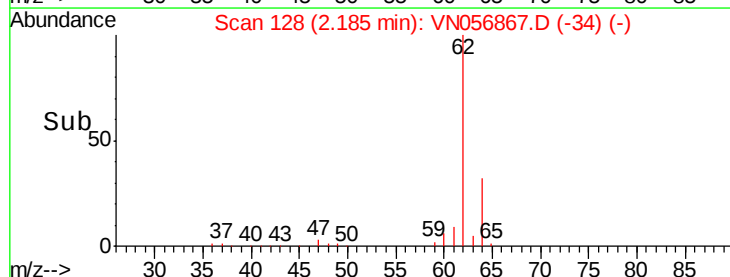
100000

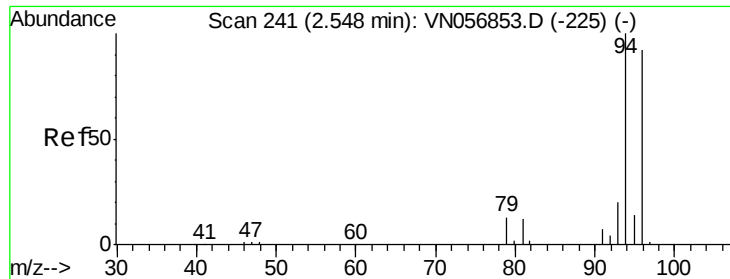
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 47.342 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

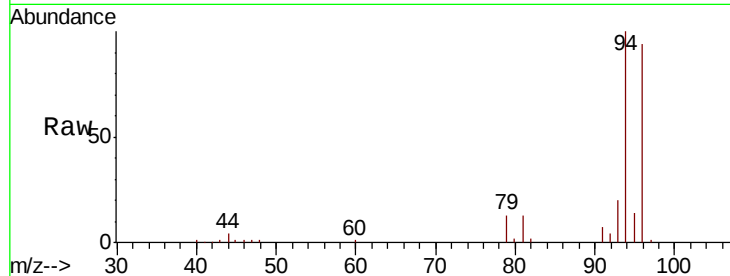
VSTDCCC050EC

Tot Ion: 94 Resp: 127928

Ion Ratio Lower Upper

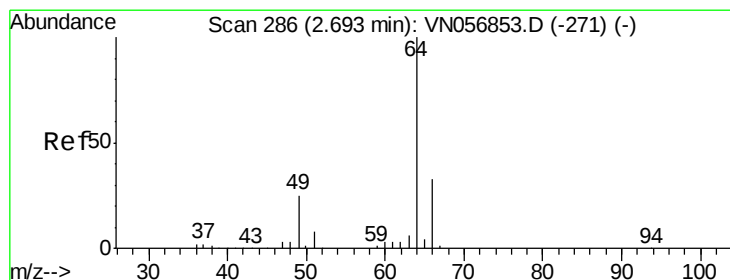
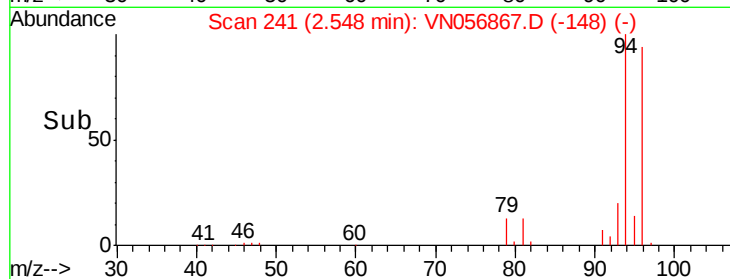
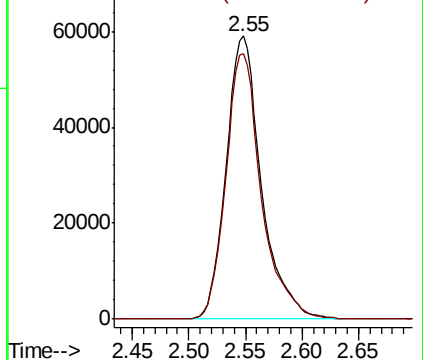
94 100

96 93.9 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.128 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.00 min

Lab File: VN056867.D

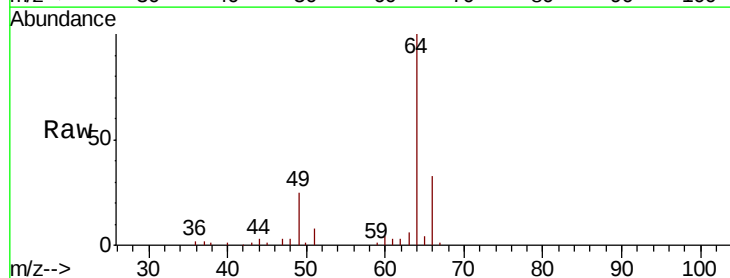
Acq: 22 Jul 2019 20:37

Tgt Ion: 64 Resp: 122040

Ion Ratio Lower Upper

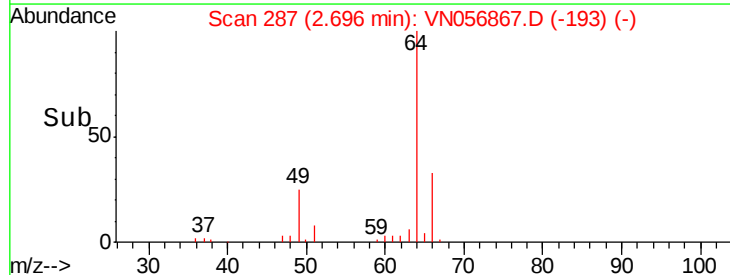
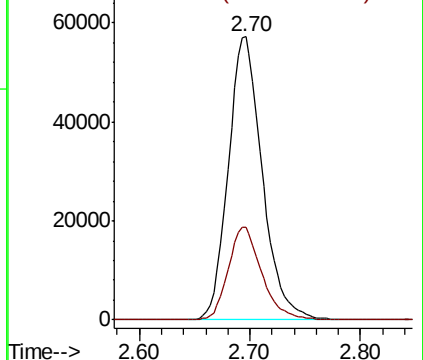
64 100

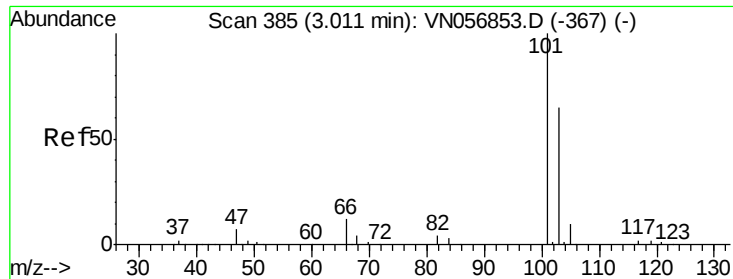
66 32.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



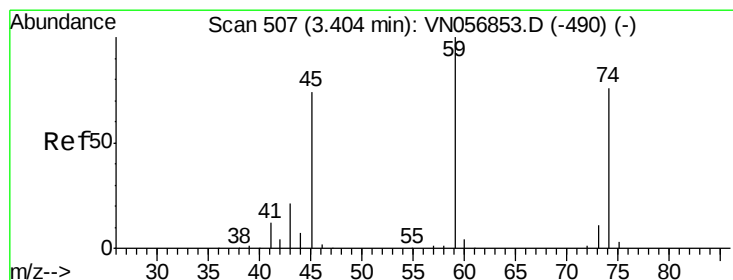
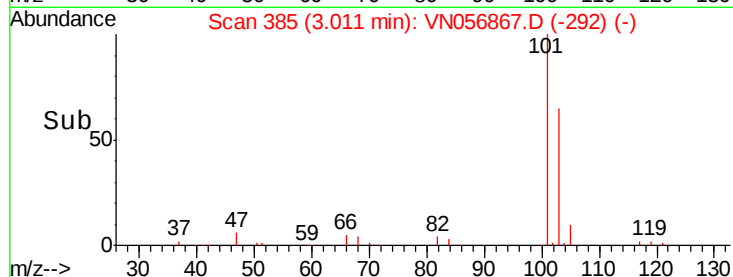
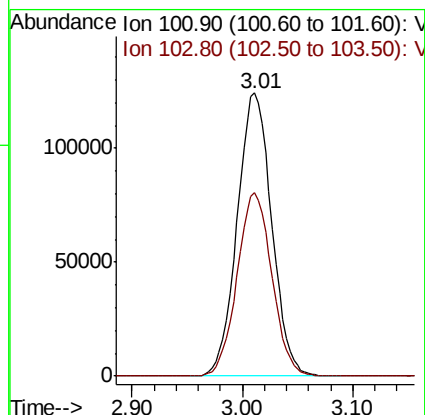
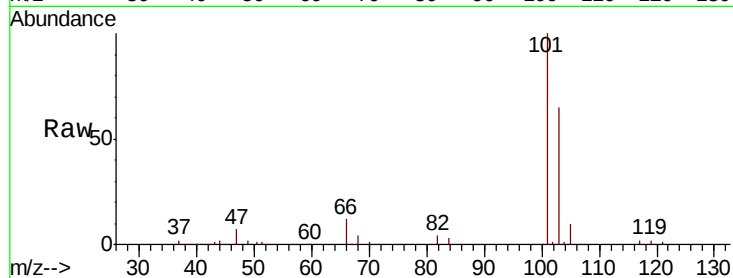


#7

Trichlorofluoromethane
 Concen: 49.593 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

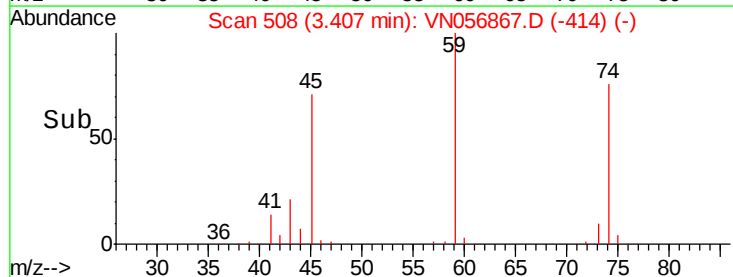
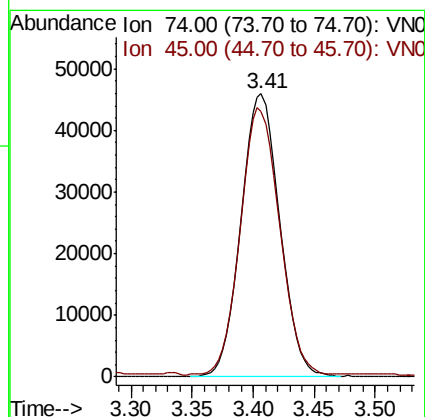
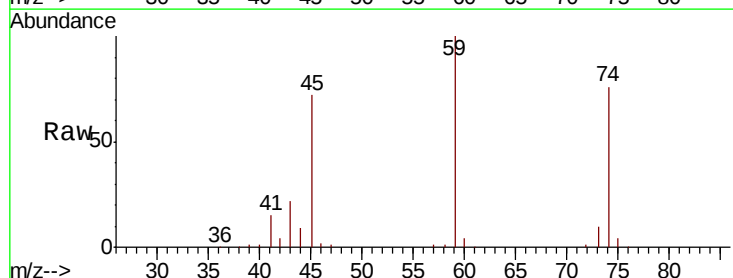
Tot Ion:101 Resp: 269165
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

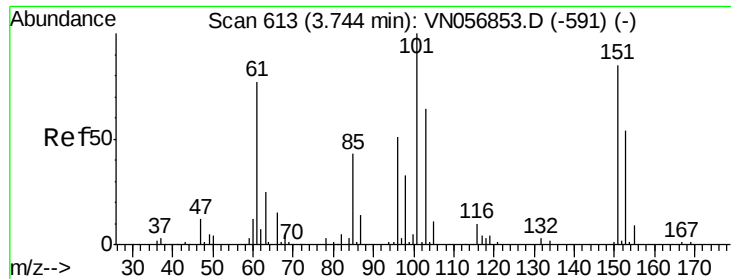


#8

Diethyl Ether
 Concen: 49.920 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 74 Resp: 100954
 Ion Ratio Lower Upper
 74 100
 45 95.4 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.843 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

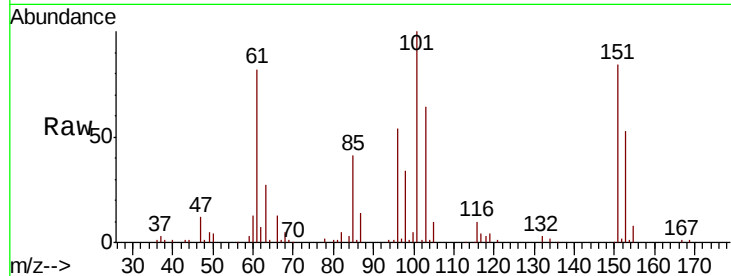
Tot Ion:101 Resp: 167300

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

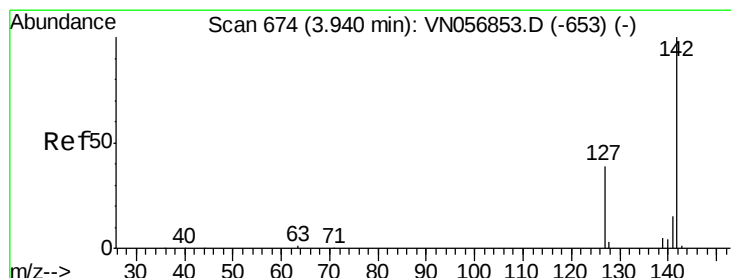
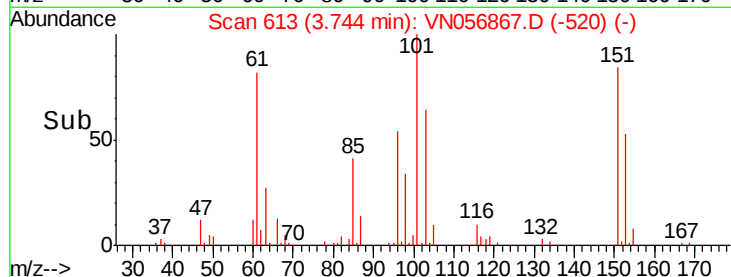
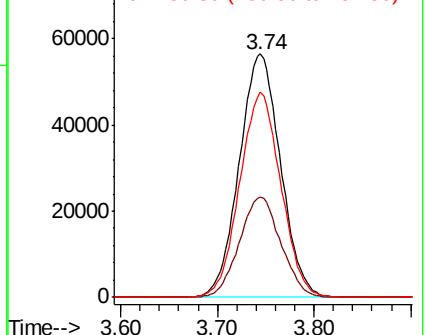
151 84.0 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.609 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

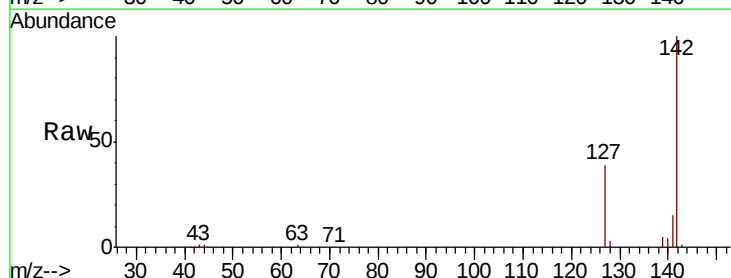
Tgt Ion:142 Resp: 248259

Ion Ratio Lower Upper

142 100

127 38.2 31.2 46.8

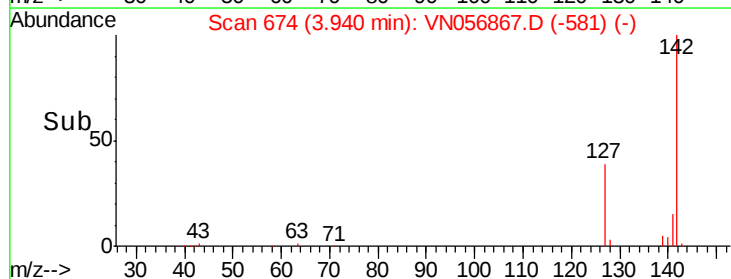
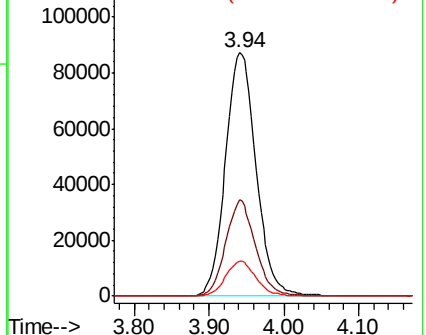
141 14.2 11.4 17.2

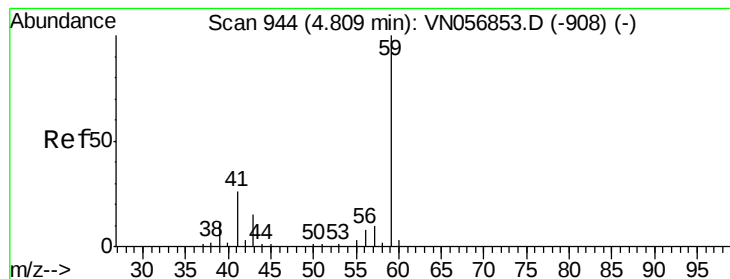


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



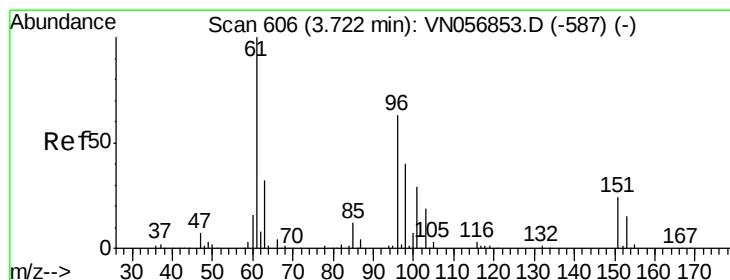
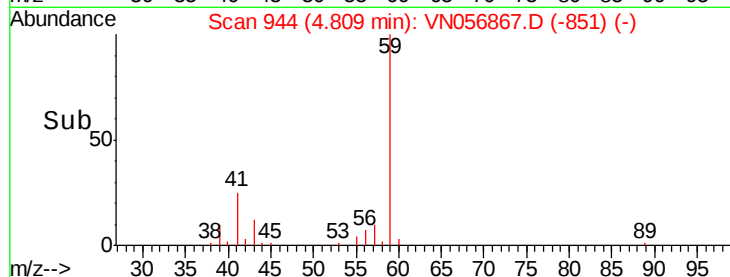
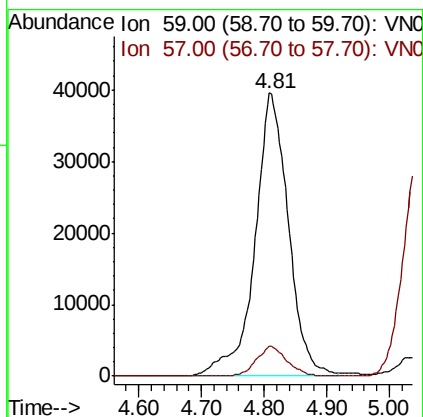
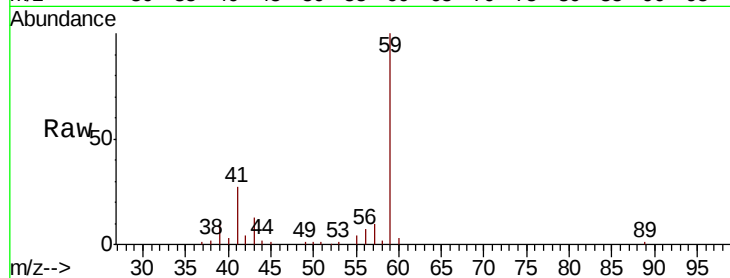


#11

Tert butyl alcohol
 Concen: 280.414 ug/l
 RT: 4.81 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

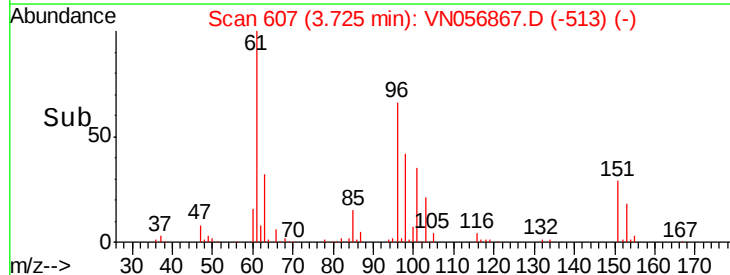
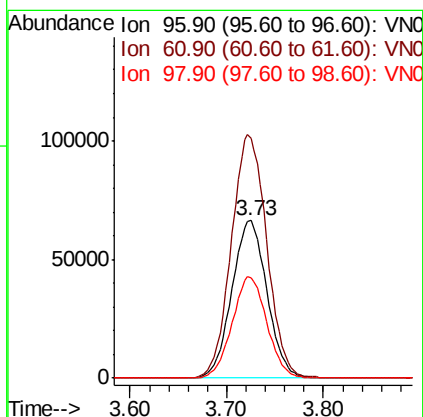
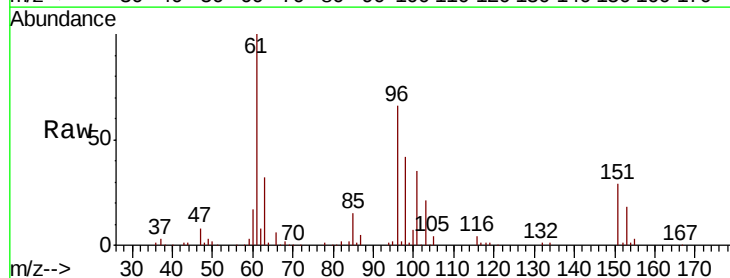
Tot Ion: 59 Resp: 147229
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.4

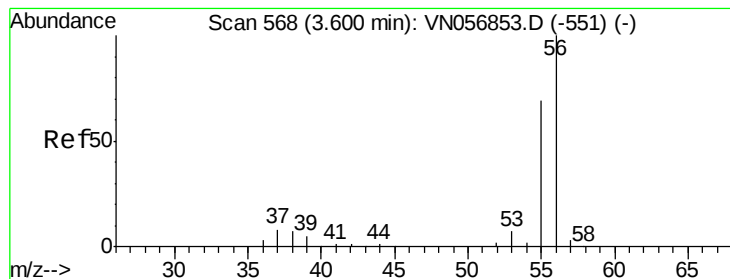


#12

1,1-Dichloroethene
 Concen: 49.898 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 96 Resp: 167789
 Ion Ratio Lower Upper
 96 100
 61 152.3 126.3 189.5
 98 63.9 51.0 76.4





#13

Acrolein

Concen: 245.830 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

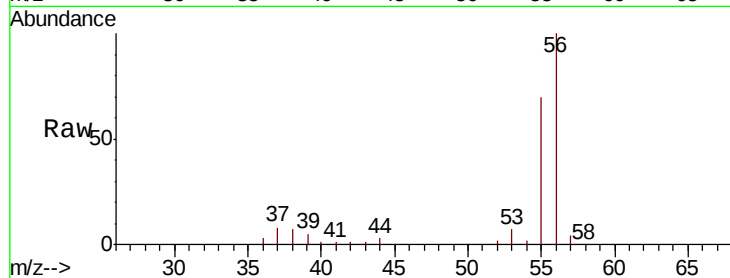
VSTDCCC050EC

Tot Ion: 56 Resp: 107394

Ion Ratio Lower Upper

56 100

55 71.4 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

50000

40000

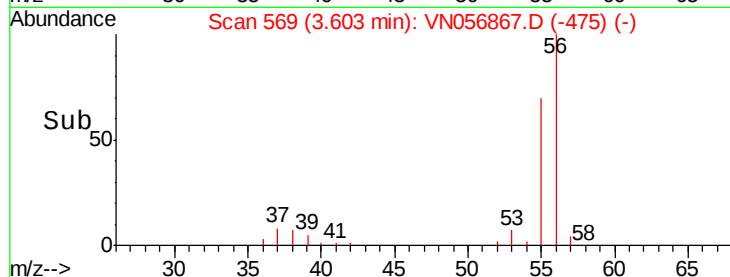
30000

20000

10000

0

Time-->

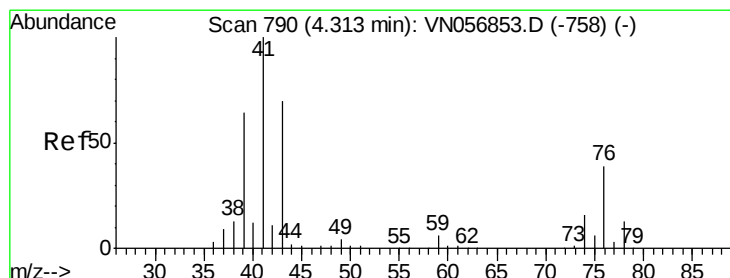


3.60

3.50

3.60

3.70



#14

Allyl chloride

Concen: 50.586 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

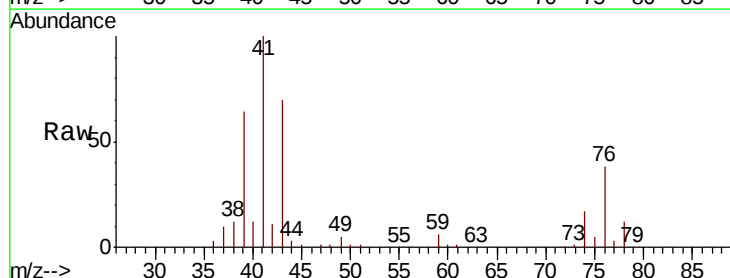
Tgt Ion: 41 Resp: 279655

Ion Ratio Lower Upper

41 100

39 59.6 47.8 71.6

76 33.9 27.9 41.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

120000

100000

80000

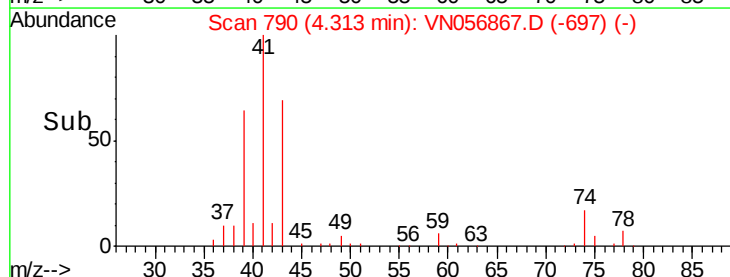
60000

40000

20000

0

Time-->

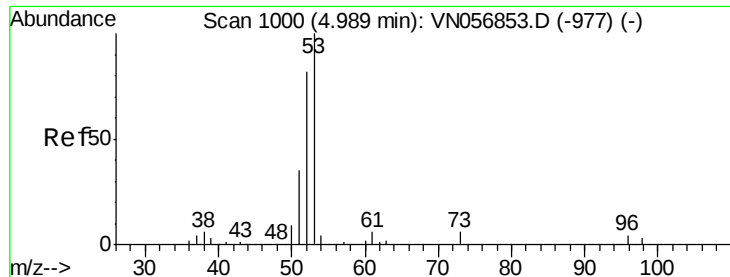


4.31

4.20

4.30

4.40



#15

Acrylonitrile

Concen: 266.700 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

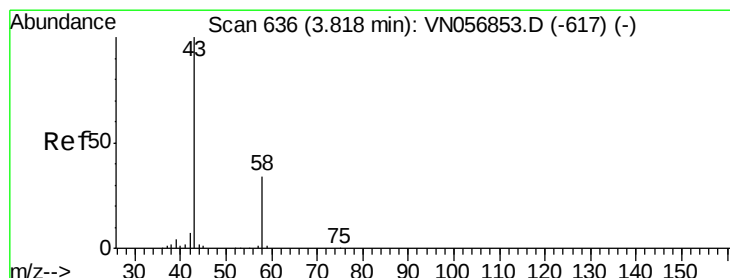
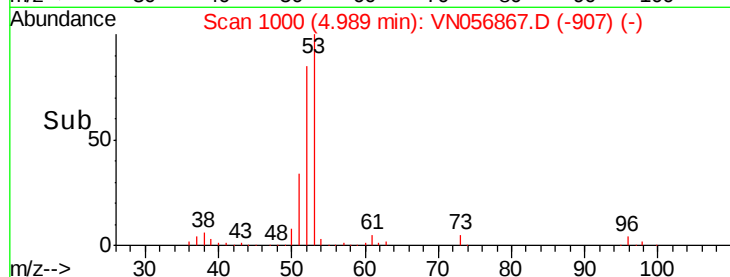
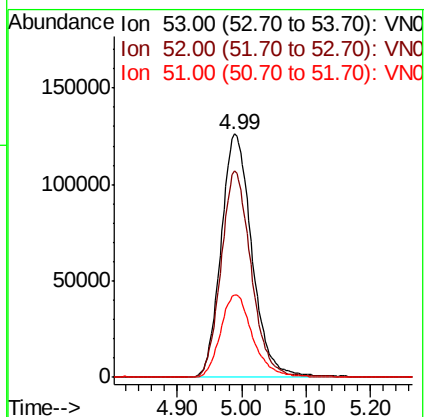
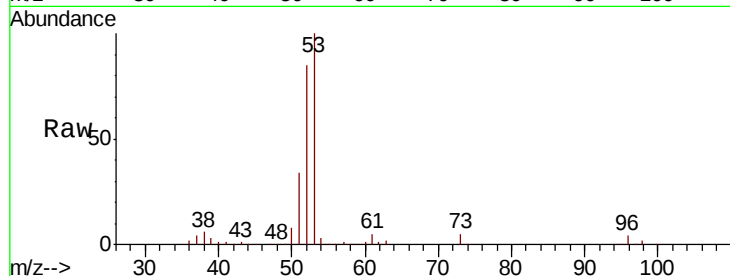
Tot Ion: 53 Resp: 421352

Ion Ratio Lower Upper

53 100

52 82.5 65.0 97.6

51 35.2 28.2 42.2



#16

Acetone

Concen: 235.874 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056867.D

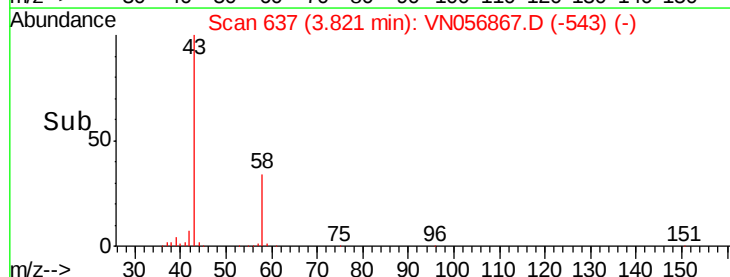
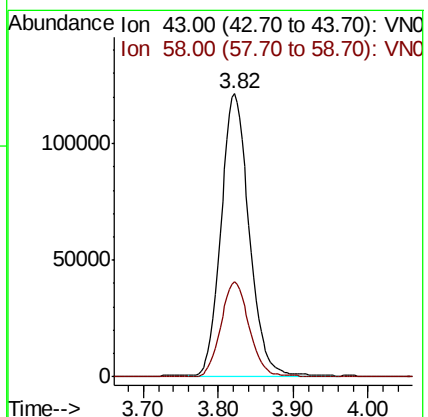
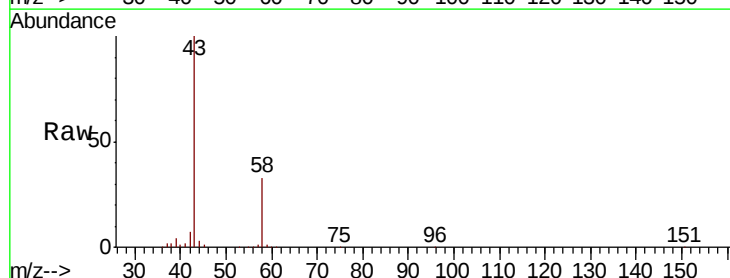
Acq: 22 Jul 2019 20:37

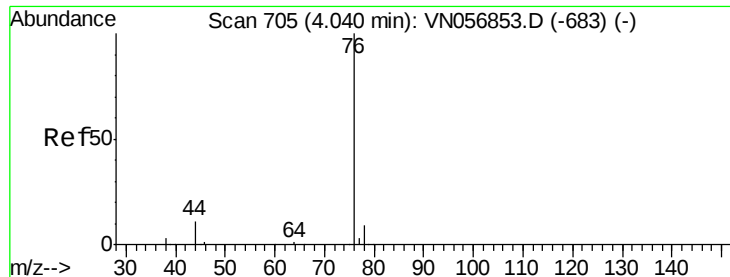
Tgt Ion: 43 Resp: 313942

Ion Ratio Lower Upper

43 100

58 33.6 27.3 40.9

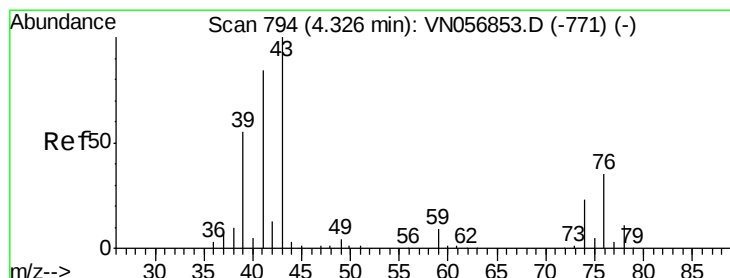
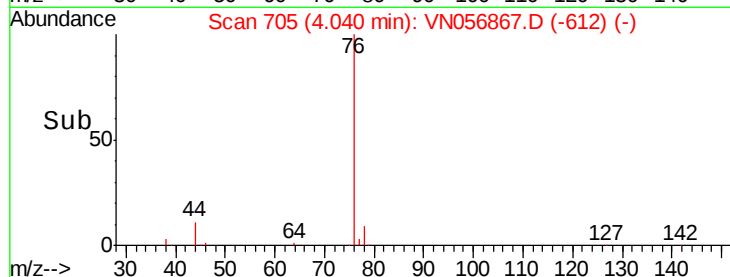
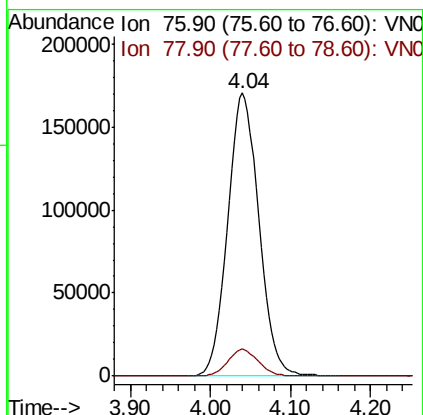
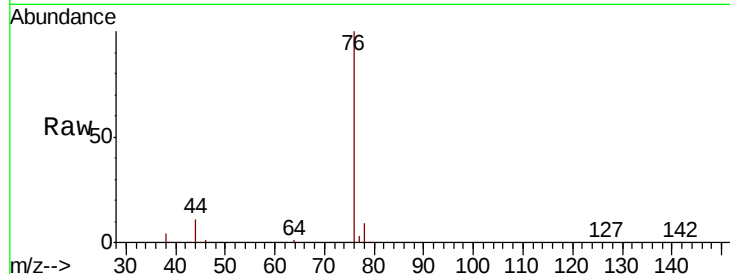




#17
Carbon Disulfide
Concen: 49.153 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

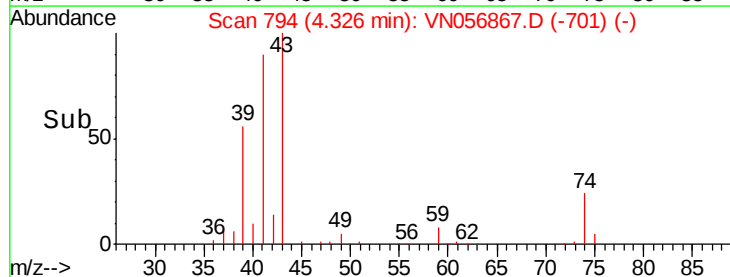
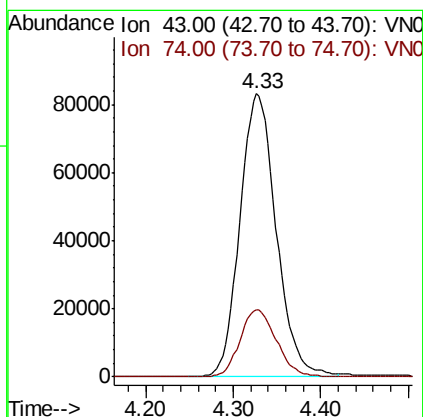
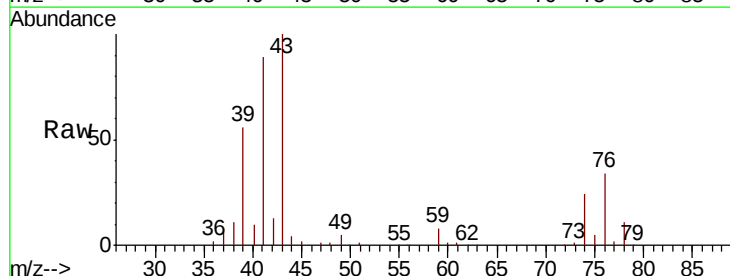
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

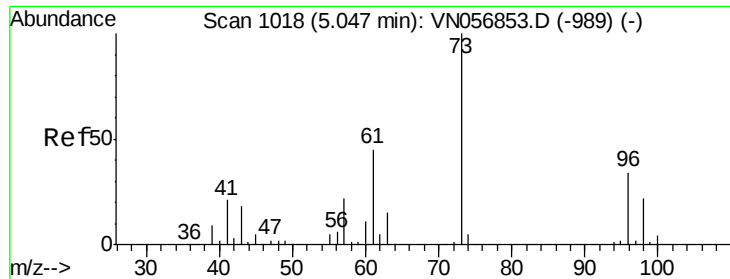
Tot Ion: 76 Resp: 451125
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 54.666 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 43 Resp: 237724
Ion Ratio Lower Upper
43 100
74 24.0 19.0 28.4

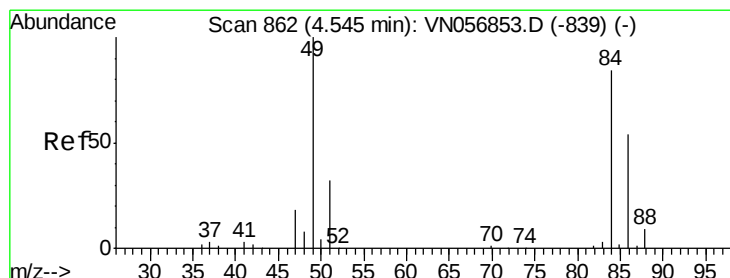
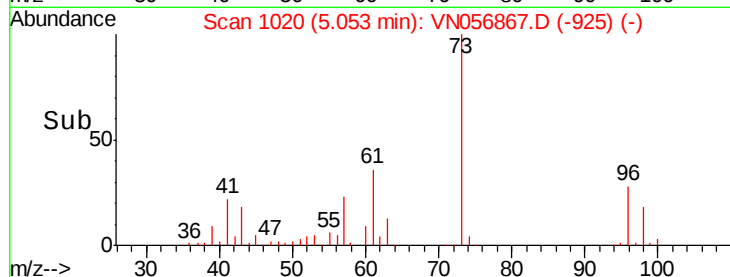
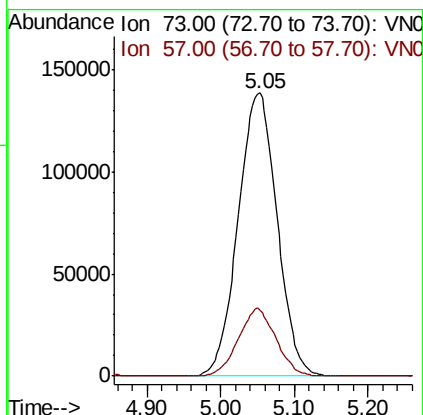
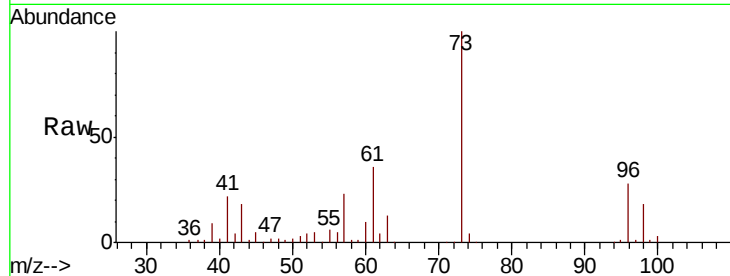




#19
Methyl tert-butyl Ether
Concen: 51.322 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

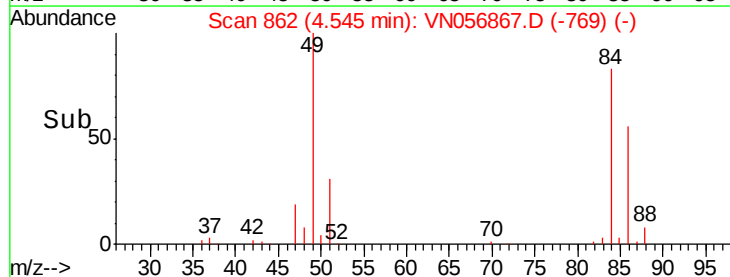
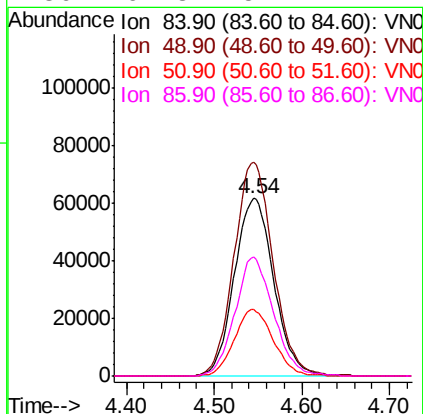
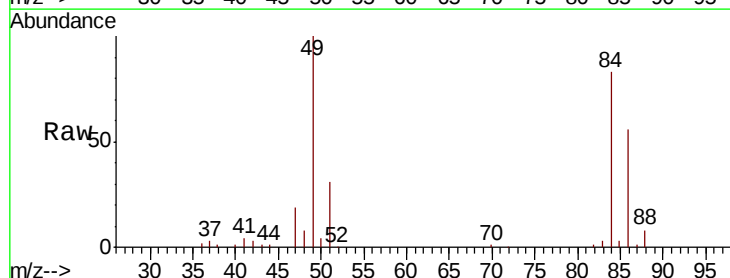
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

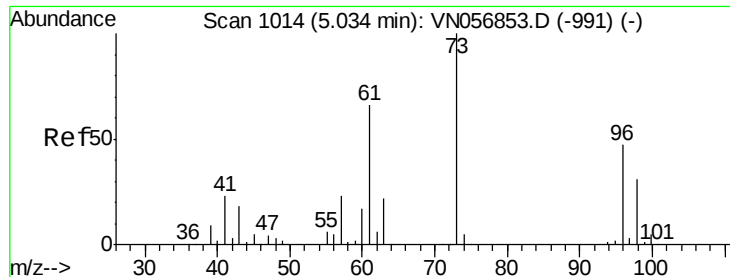
Tot Ion: 73 Resp: 509869
Ion Ratio Lower Upper
73 100
57 23.4 18.0 27.0



#20
Methylene Chloride
Concen: 48.569 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 84 Resp: 193294
Ion Ratio Lower Upper
84 100
49 120.4 94.9 142.3
51 37.5 29.9 44.9
86 67.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.384 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

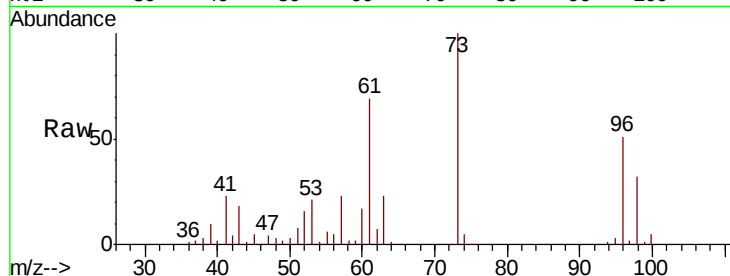
Tot Ion: 96 Resp: 176975

Ion Ratio Lower Upper

96 100

61 135.5 112.8 169.2

98 63.5 53.3 79.9

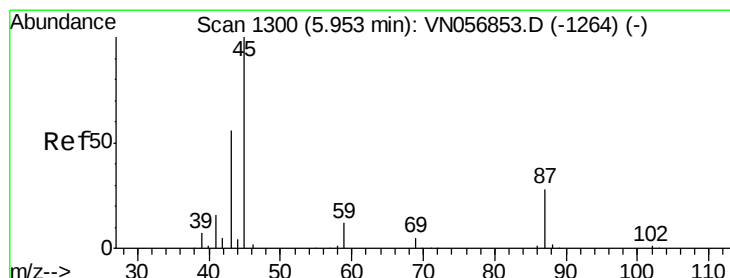
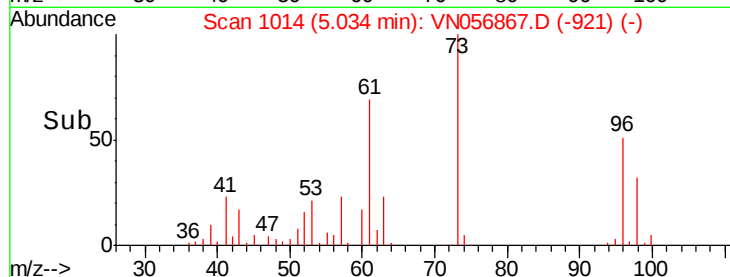
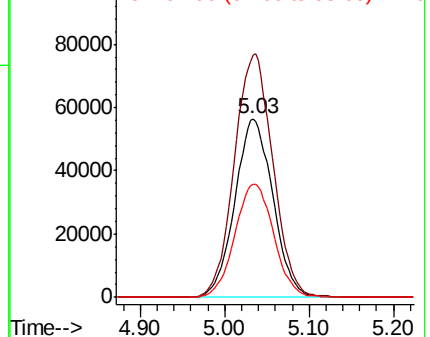


Abundance

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: 51.889 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion: 45 Resp: 579936

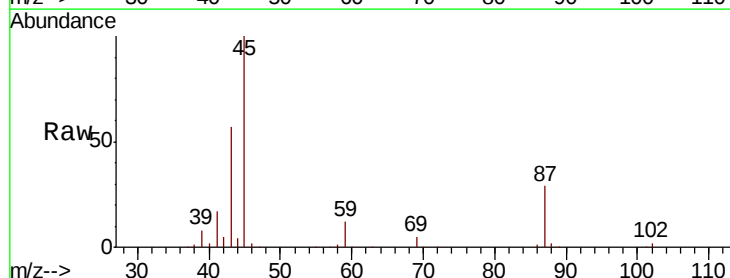
Ion Ratio Lower Upper

45 100

43 55.7 45.5 68.3

87 28.6 22.7 34.1

59 11.7 9.3 13.9



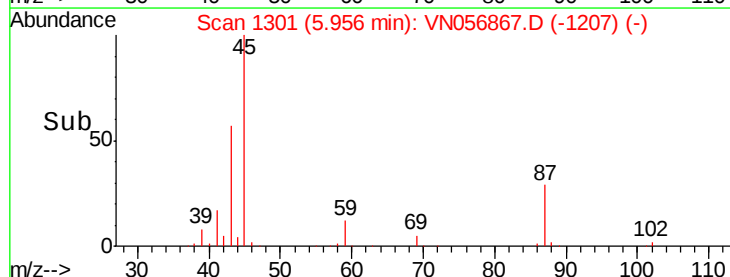
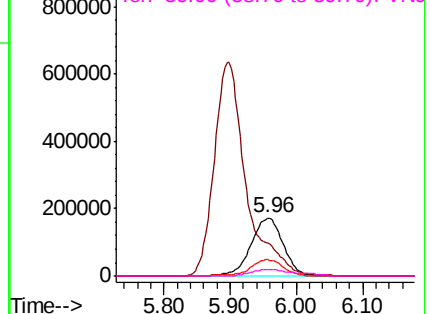
Abundance

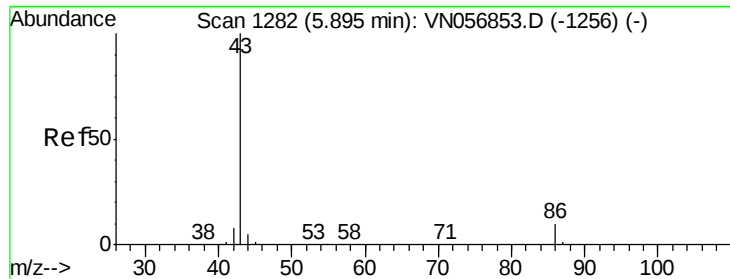
Ion 45.00 (44.70 to 45.70): VN0

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: 263.031 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

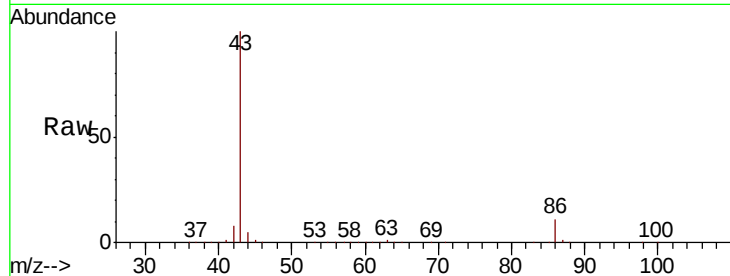
VSTDCCC050EC

Tot Ion: 43 Resp: 2123531

Ion Ratio Lower Upper

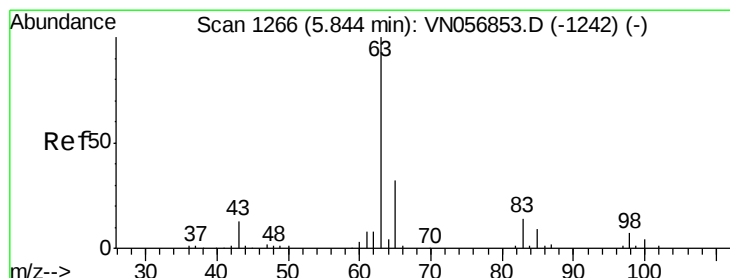
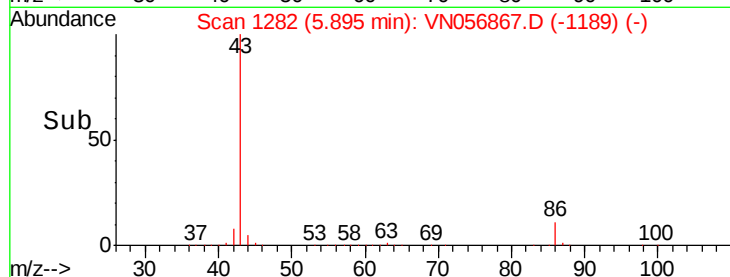
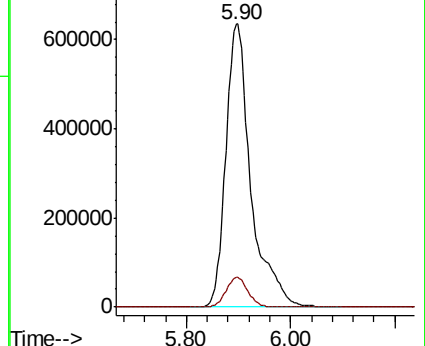
43 100

86 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.896 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

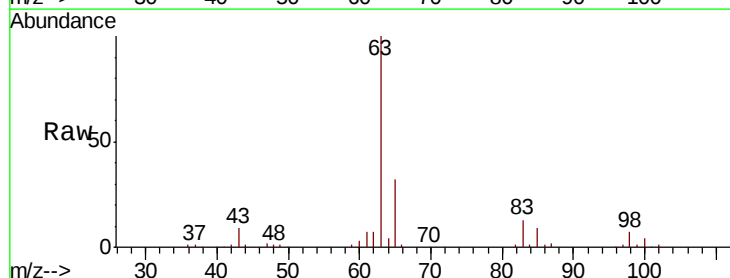
Tgt Ion: 63 Resp: 329567

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

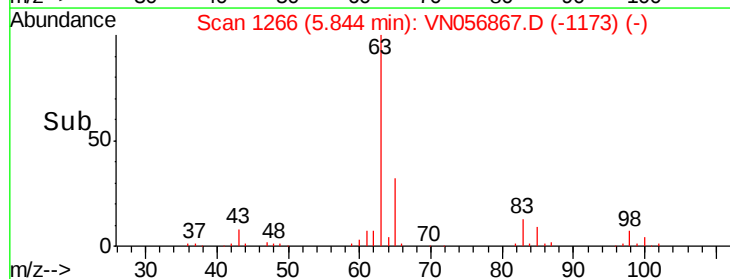
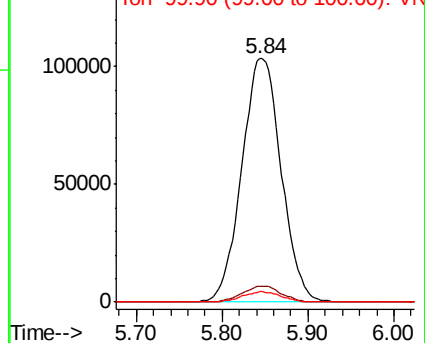
100 4.1 2.2 6.6

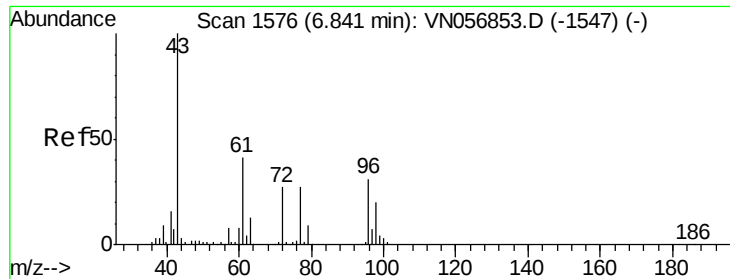


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 265.921 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

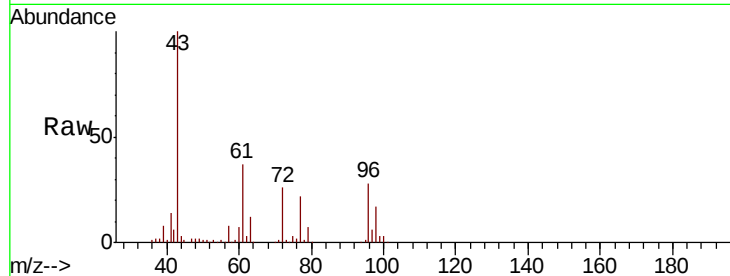
VSTDCCC050EC

Tot Ion: 43 Resp: 520238

Ion Ratio Lower Upper

43 100

72 26.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN056853.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN056853.D (-1547) (-)

6.84

200000

150000

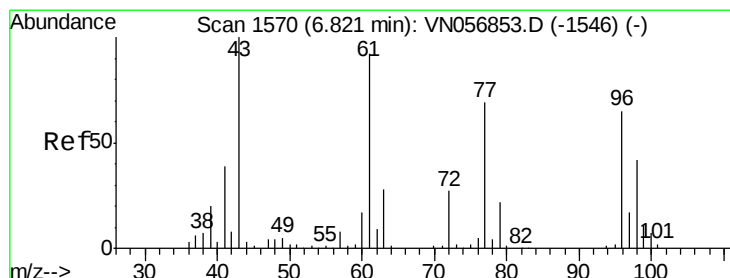
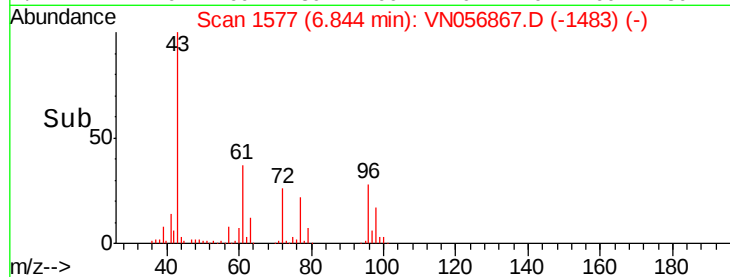
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 47.584 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056867.D

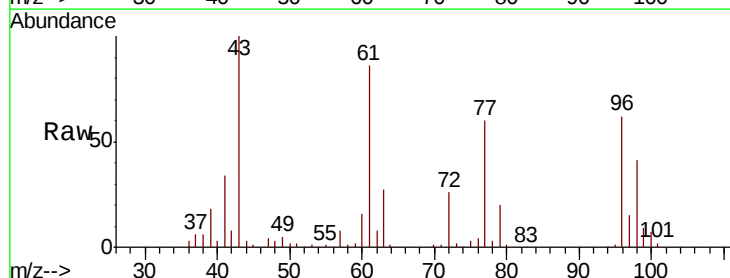
Acq: 22 Jul 2019 20:37

Tgt Ion: 77 Resp: 215604

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.2



Abundance Ion 76.90 (76.60 to 77.60): VN056853.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN056853.D (-1546) (-)

6.82

80000

60000

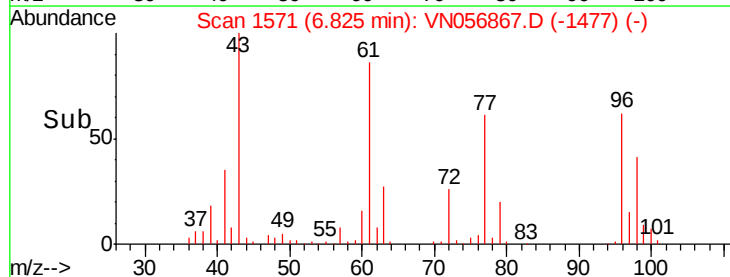
40000

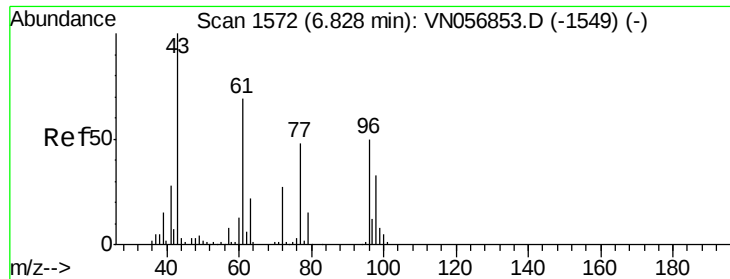
20000

0

6.70 6.80 6.90

Time-->

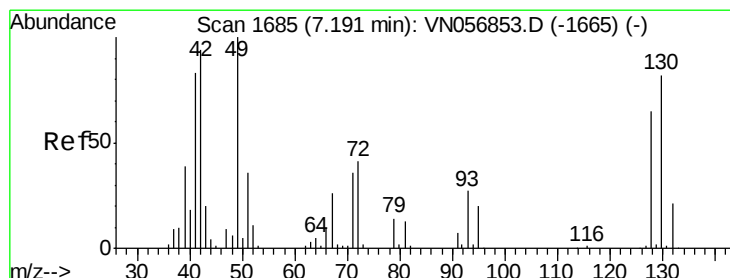
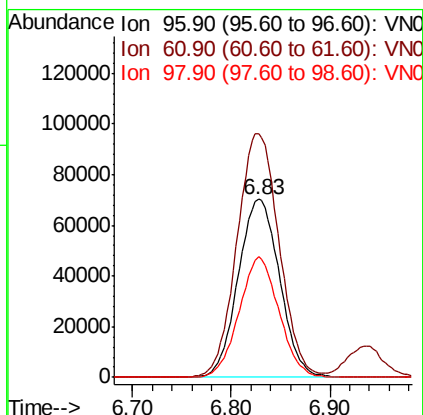
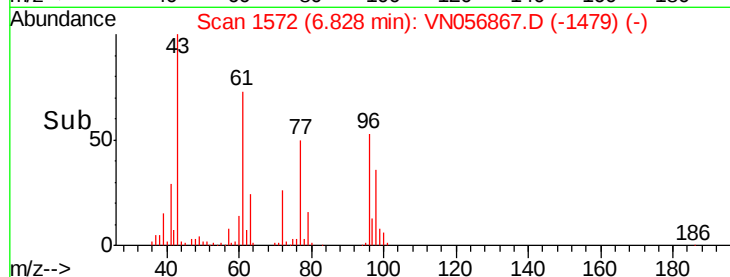
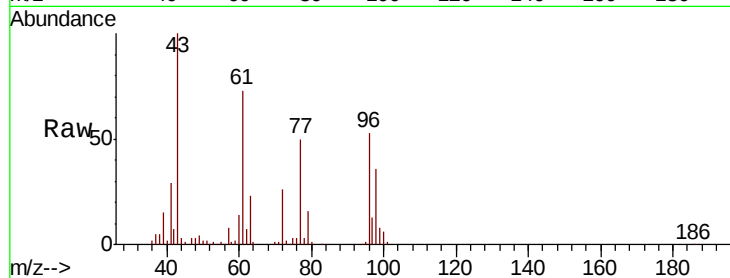




#27
 cis-1,2-Dichloroethene
 Concen: 50.739 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

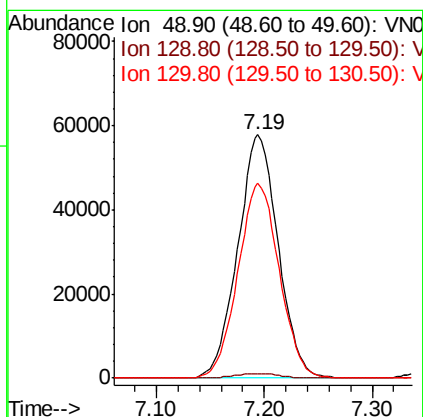
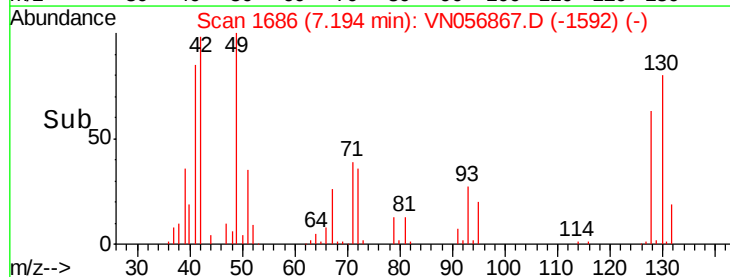
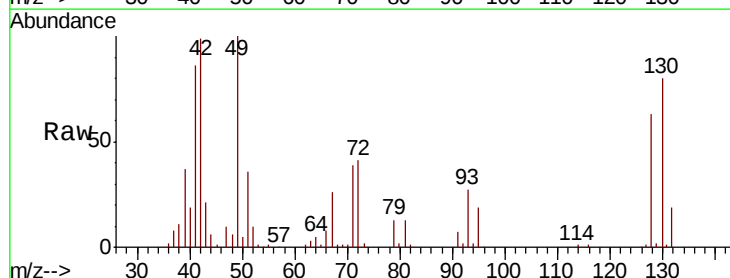
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

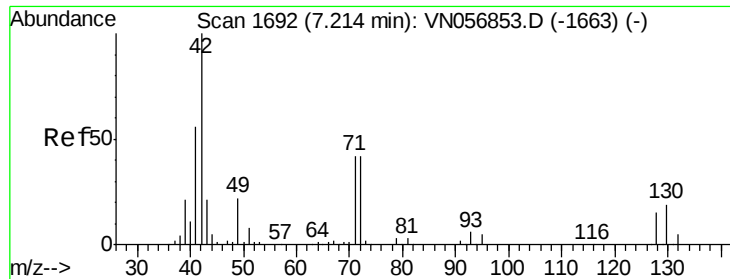
Tot Ion: 96 Resp: 204320
 Ion Ratio Lower Upper
 96 100
 61 139.7 0.0 281.6
 98 64.9 0.0 132.0



#28
 Bromochloromethane
 Concen: 51.111 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 49 Resp: 150230
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 82.0 65.0 97.6

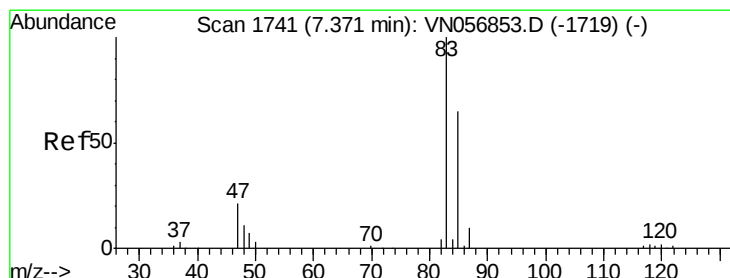
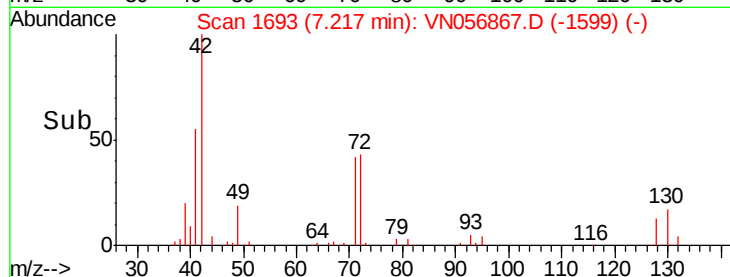
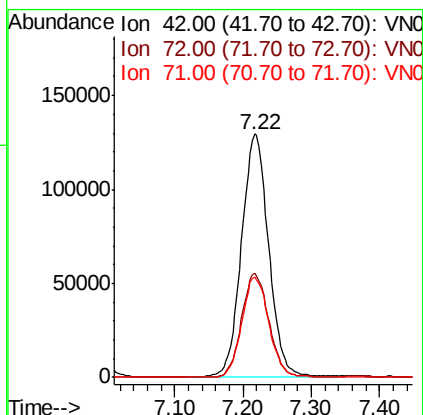
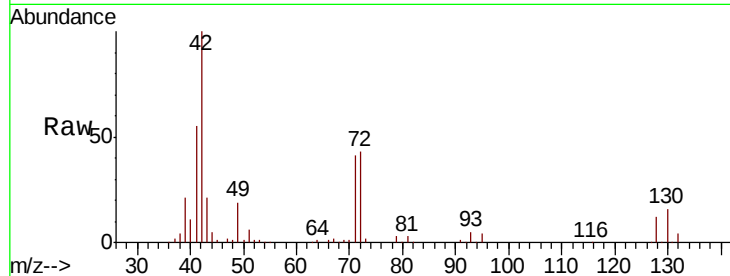




#29
Tetrahydrofuran
Concen: 267.272 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

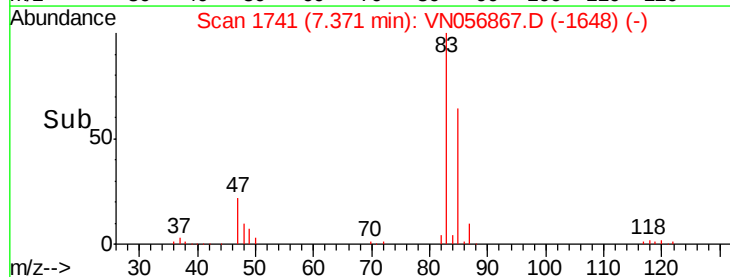
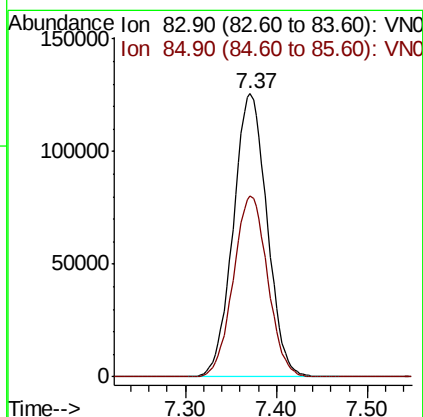
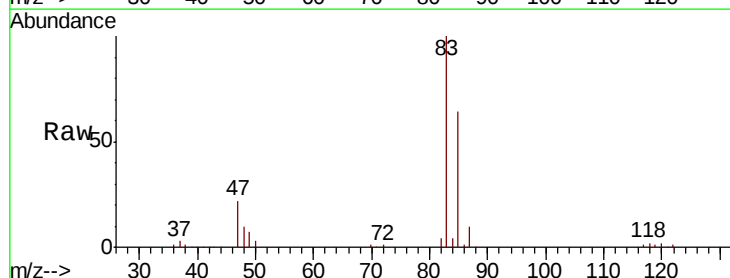
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

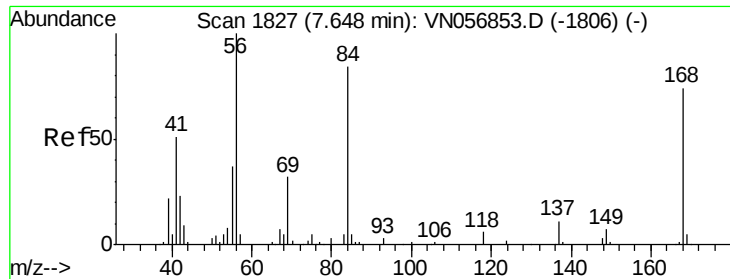
Tot Ion: 42 Resp: 359503
Ion Ratio Lower Upper
42 100
72 42.8 34.2 51.2
71 40.9 32.7 49.1



#30
Chloroform
Concen: 50.026 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 83 Resp: 324737
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5

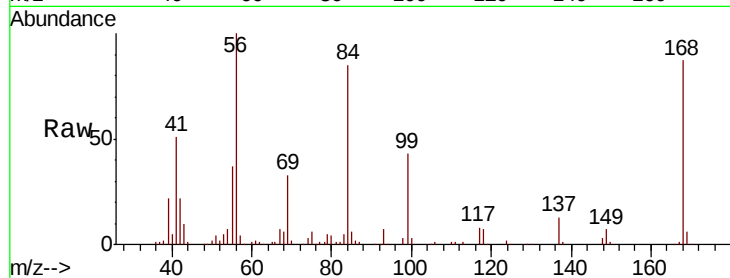




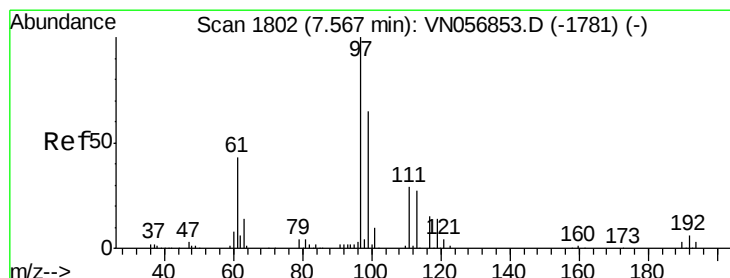
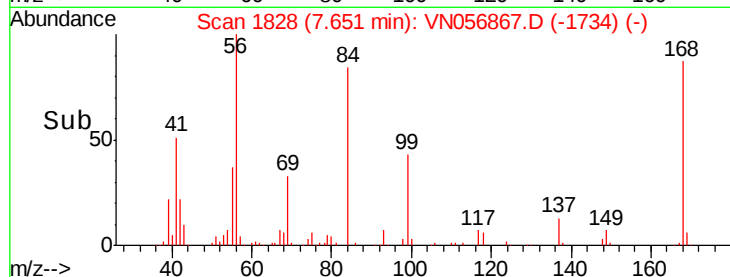
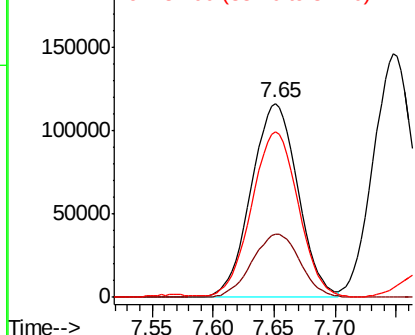
#31
Cyclohexane
Concen: 49.155 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 308809
Ion Ratio Lower Upper
56 100
69 32.8 25.5 38.3
84 84.2 67.3 100.9

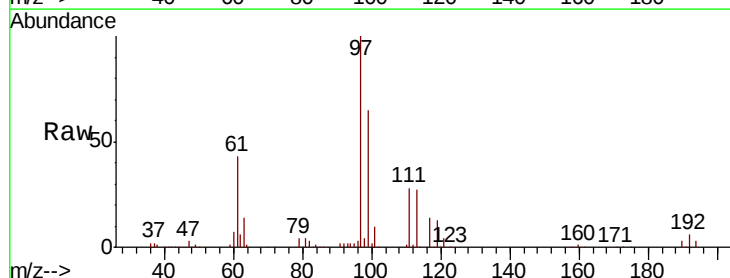


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

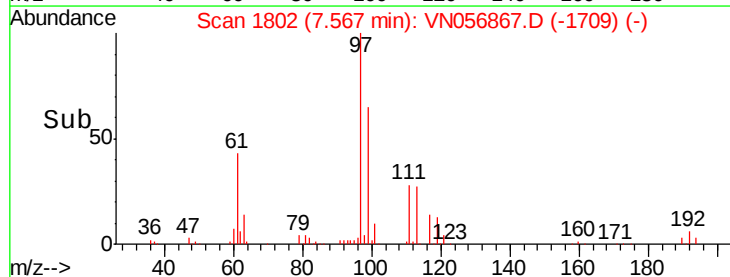
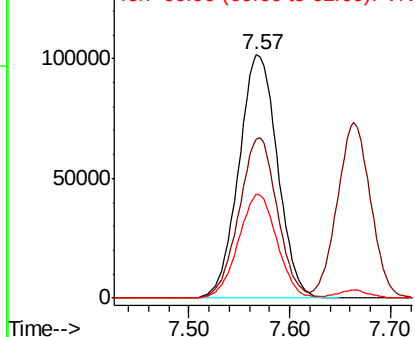


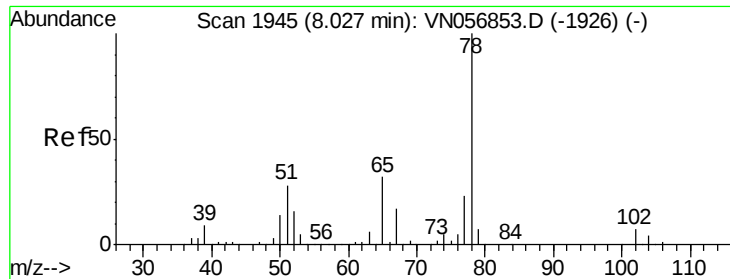
#32
1,1,1-Trichloroethane
Concen: 51.437 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 97 Resp: 270119
Ion Ratio Lower Upper
97 100
99 65.3 52.1 78.1
61 42.4 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

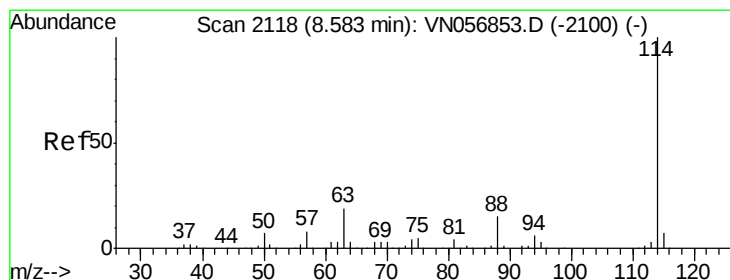
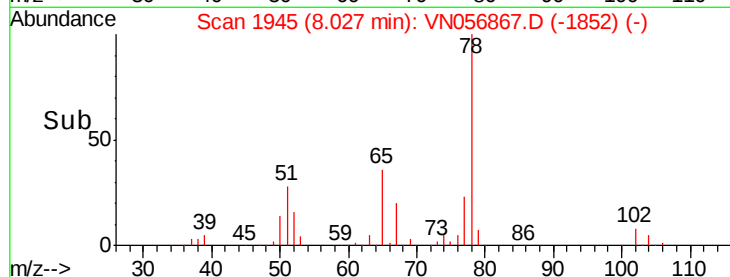
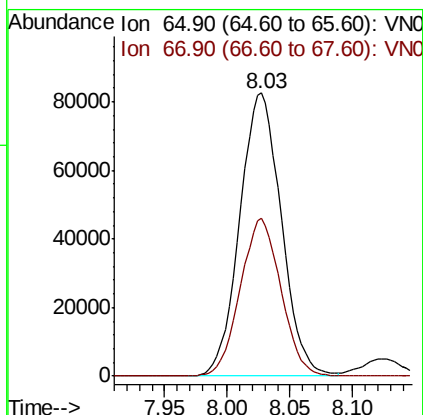
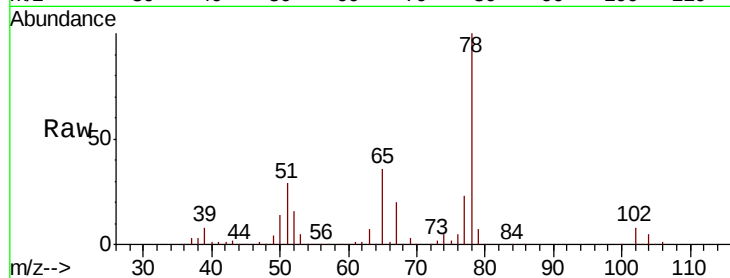




#33
 1,2-Dichloroethane-d4
 Concen: 51.487 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

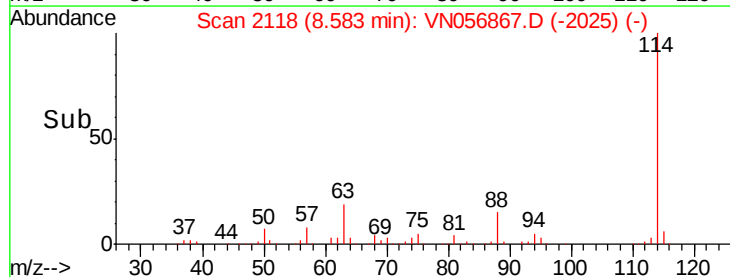
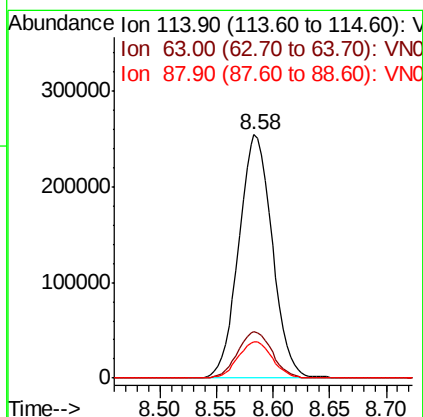
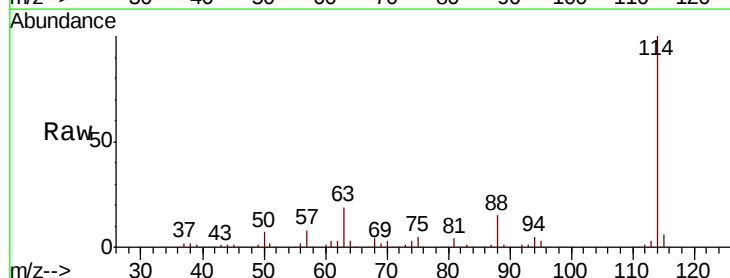
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

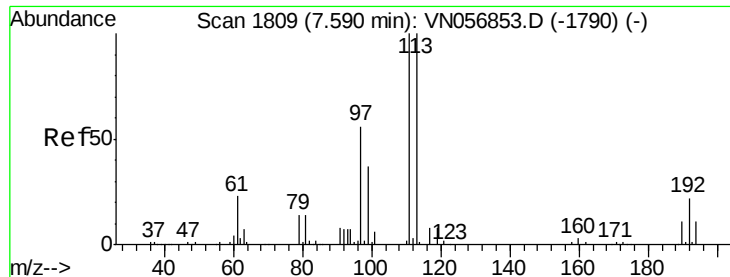
Tot Ion: 65 Resp: 190298
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 114 Resp: 524756
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.0 0.0 31.0

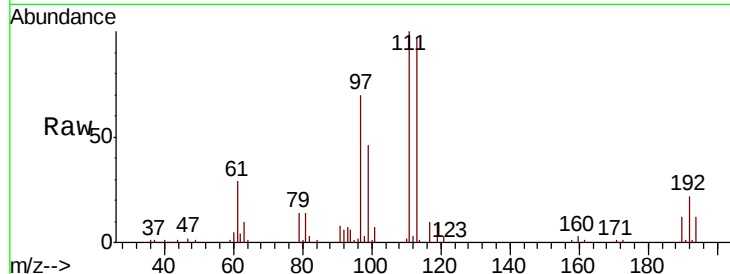




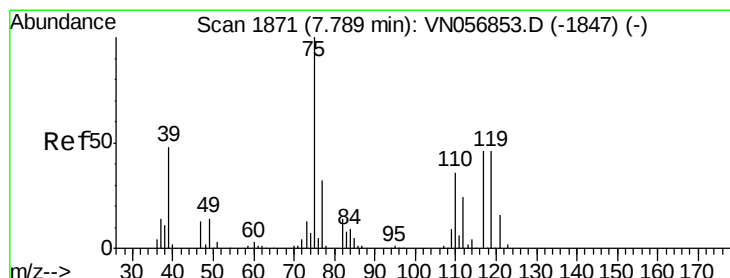
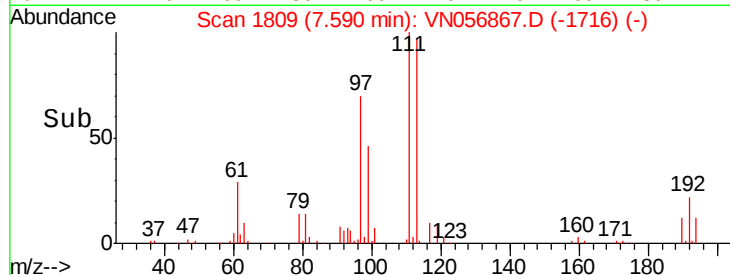
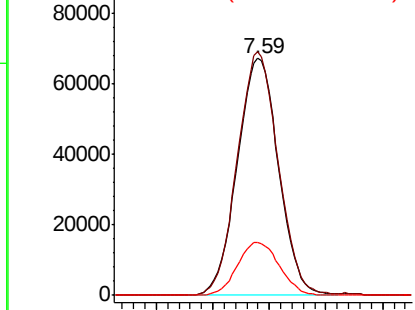
#35
 Dibromofluoromethane
 Concen: 51.236 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 170415
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 22.7 18.5 27.7

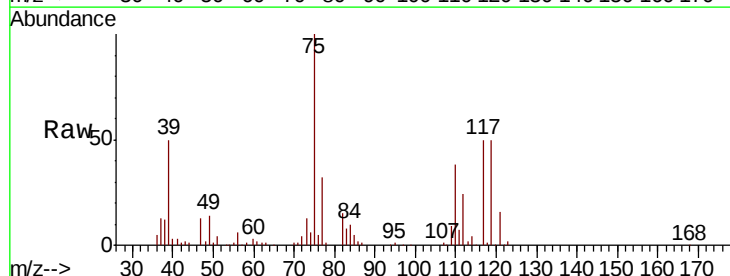


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

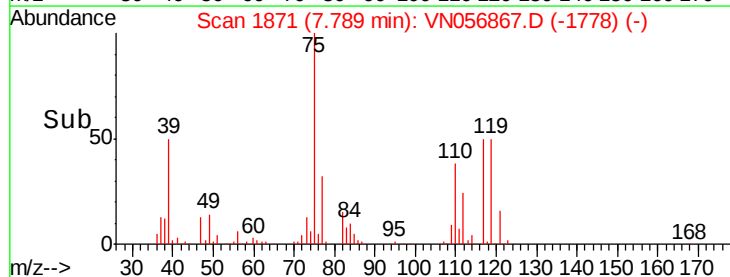
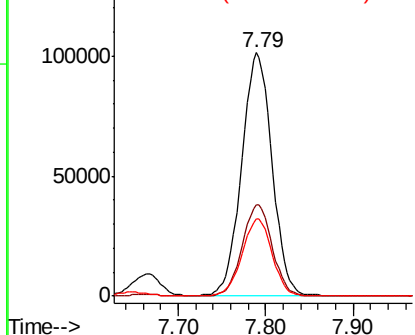


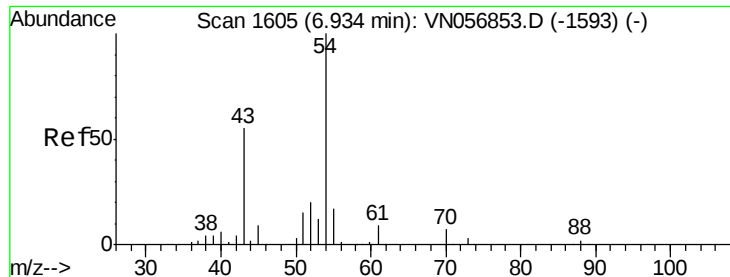
#36
 1,1-Dichloropropene
 Concen: 50.392 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 75 Resp: 243860
 Ion Ratio Lower Upper
 75 100
 110 37.2 17.9 53.7
 77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

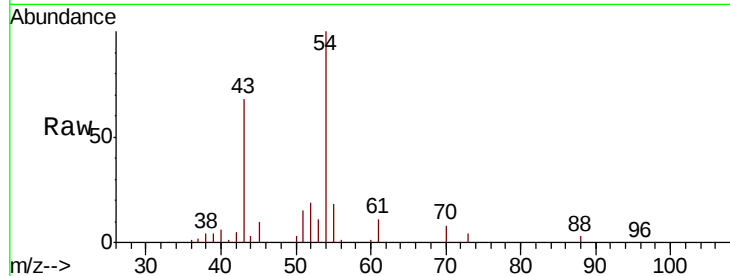




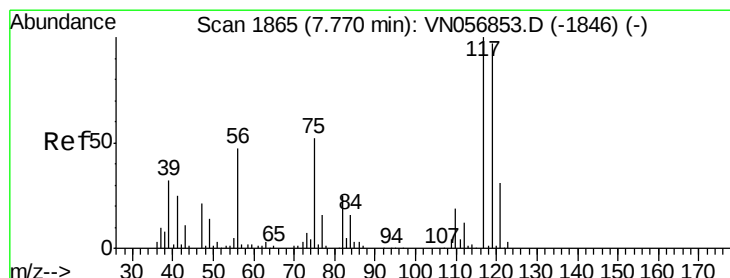
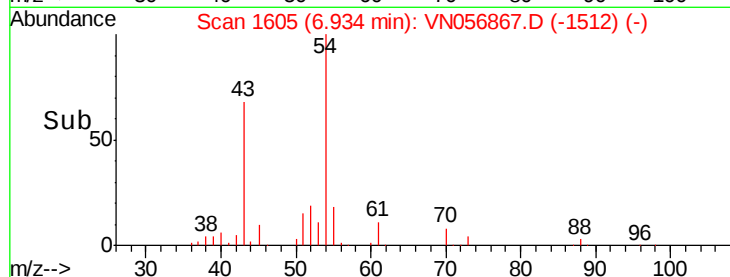
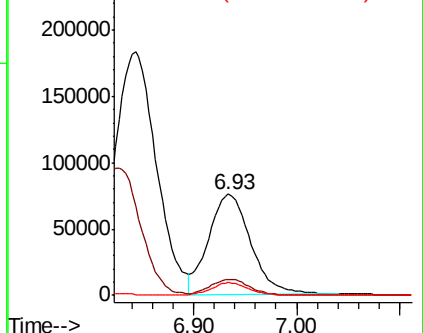
#37
Ethyl Acetate
Concen: 54.975 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 214541
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 11.3 8.6 13.0

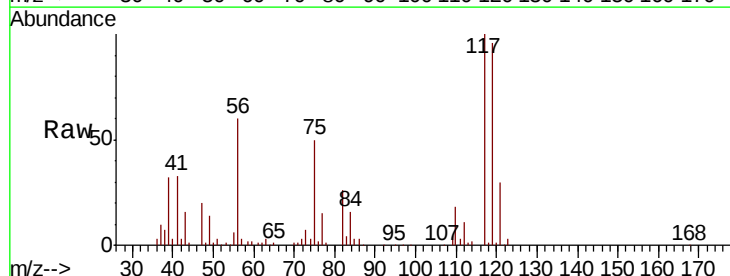


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

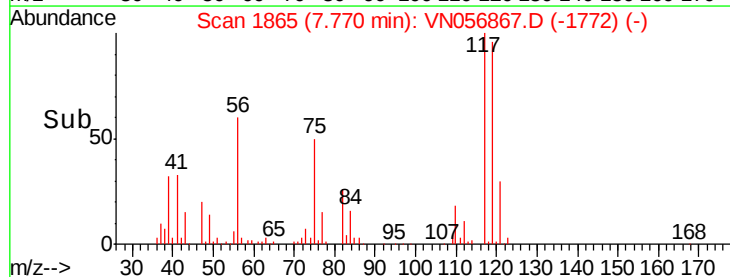
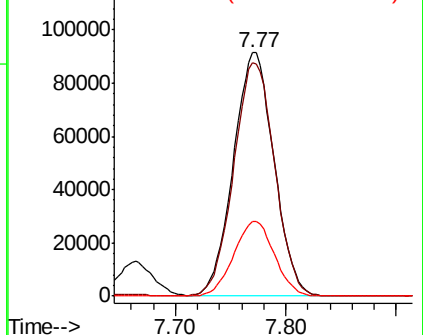


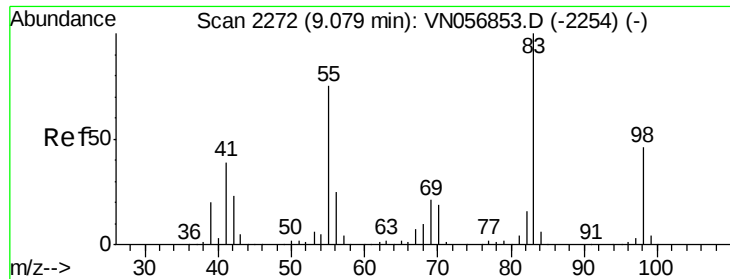
#38
Carbon Tetrachloride
Concen: 50.634 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 117 Resp: 233260
Ion Ratio Lower Upper
117 100
119 95.7 77.2 115.8
121 30.5 24.5 36.7



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

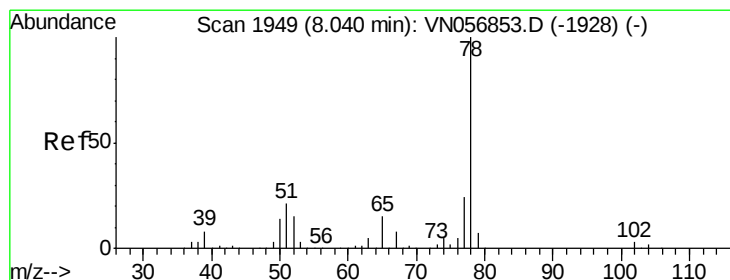
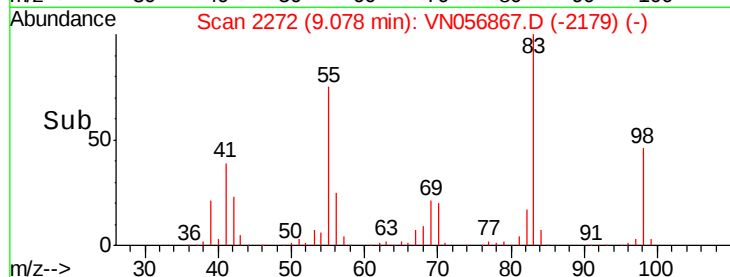
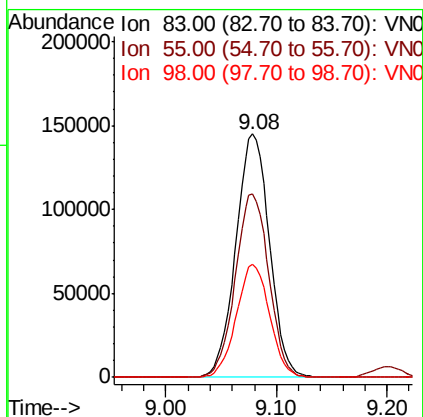
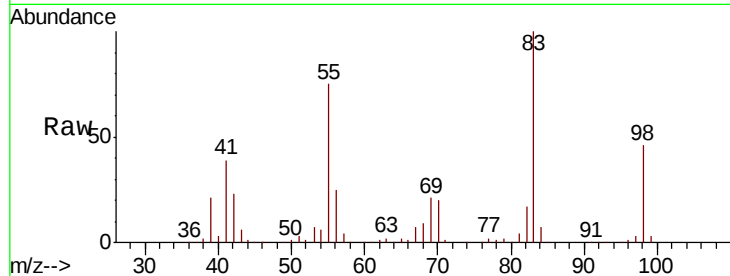




#39
Methvlcvclohexane
Concen: 50.559 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

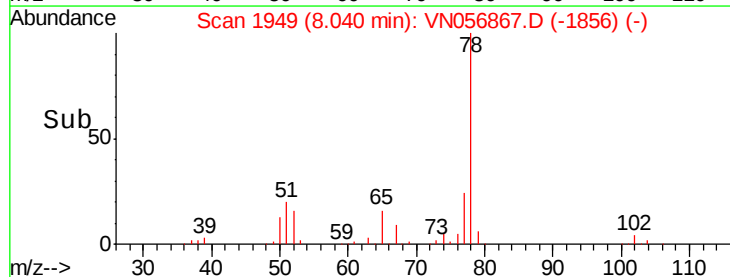
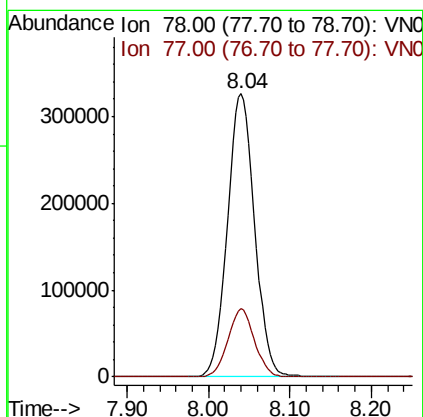
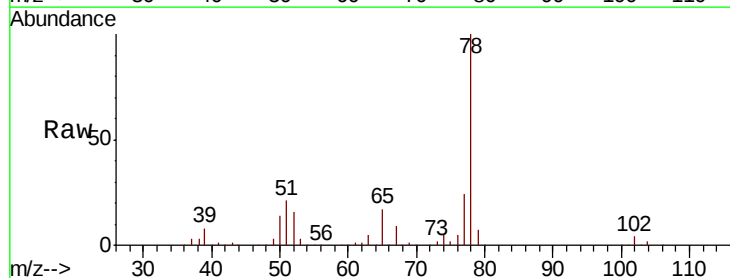
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

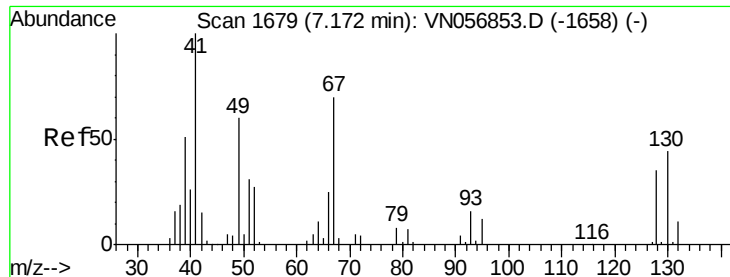
Tot Ion	83	Resp	306167
Ion Ratio	Lower	Upper	
83	100		
55	75.3	59.8	89.8
98	46.2	37.1	55.7



#40
Benzene
Concen: 50.826 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion	78	Resp	764010
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.1	28.7

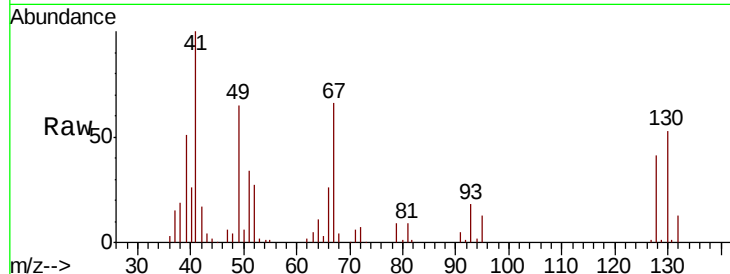




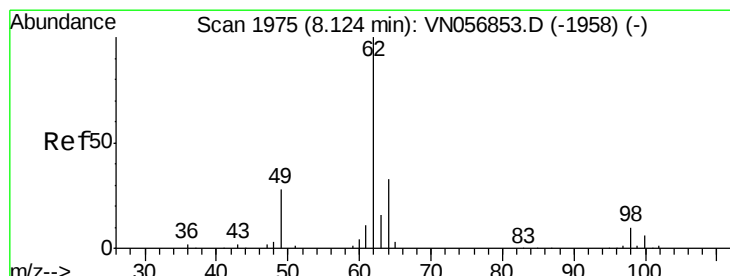
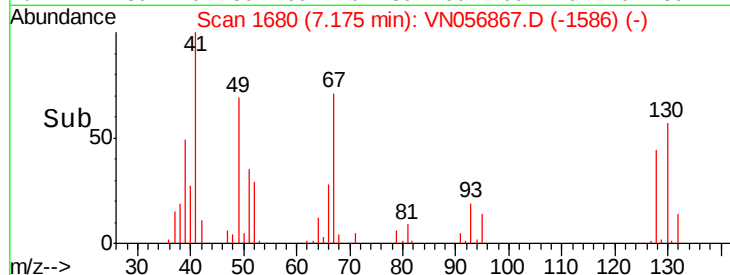
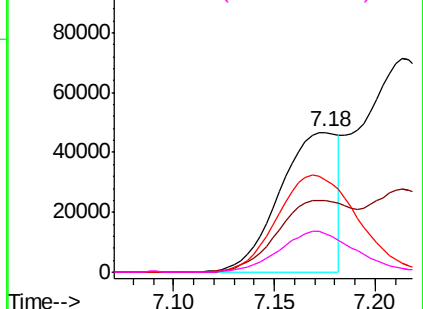
#41
Methacrylonitrile
Concen: 48.288 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 93565
Ion Ratio Lower Upper
41 100
39 65.7 44.0 66.0
67 96.9 73.5 110.3
52 39.1 28.6 43.0

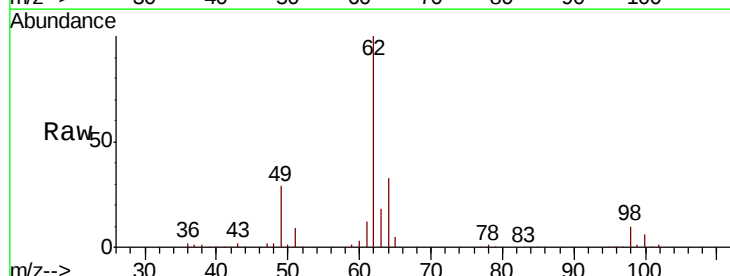


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

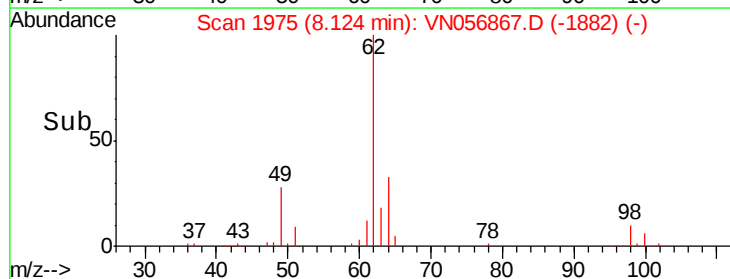
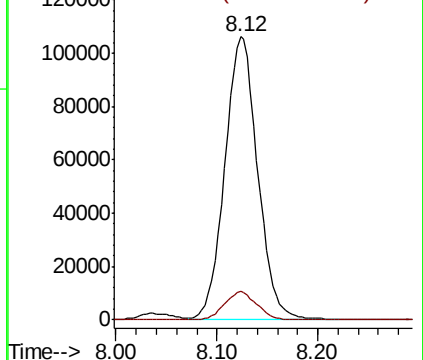


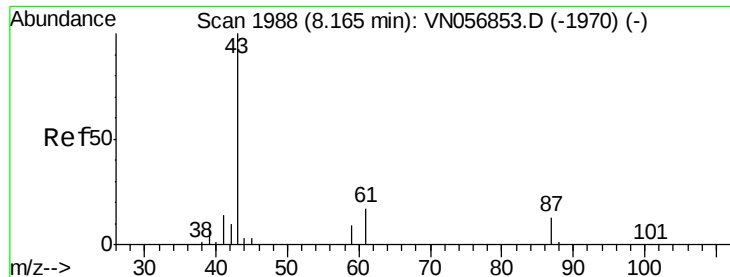
#42
1,2-Dichloroethane
Concen: 50.869 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 62 Resp: 238924
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4



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





#43

Isopropyl Acetate

Concen: 52.302 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

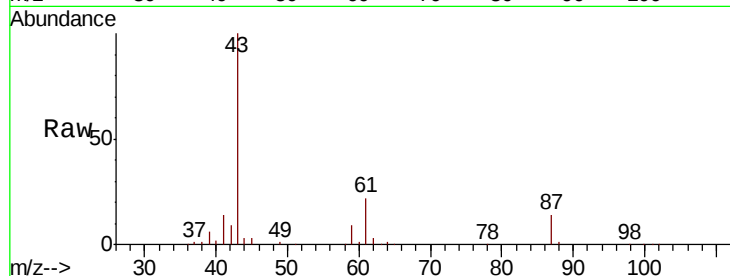
Tot Ion: 43 Resp: 350888

Ion Ratio Lower Upper

43 100

61 22.0 17.8 26.6

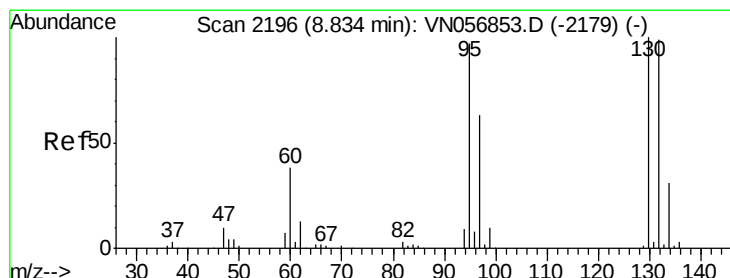
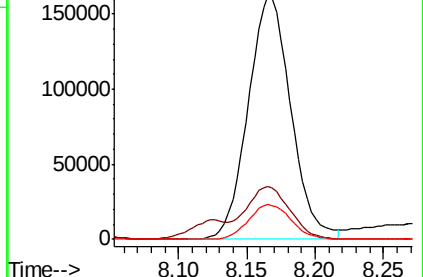
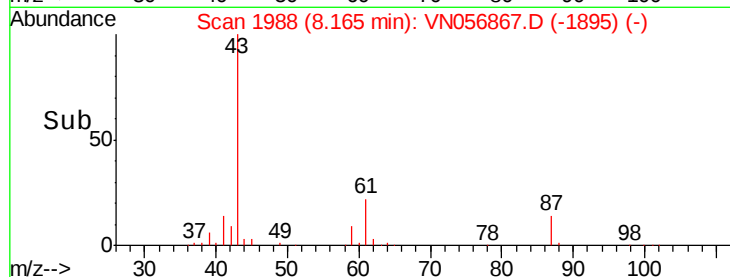
87 14.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056867.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056867.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056867.D (-1895) (-)



#44

Trichloroethene

Concen: 50.638 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056867.D

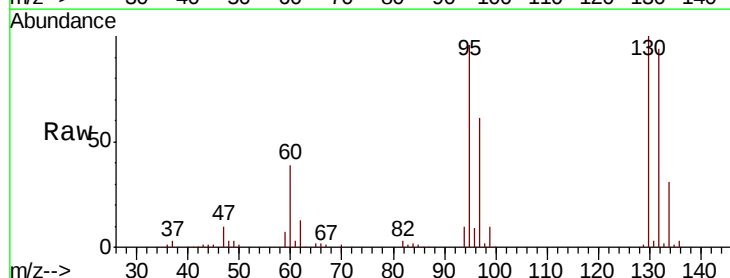
Acq: 22 Jul 2019 20:37

Tgt Ion:130 Resp: 203867

Ion Ratio Lower Upper

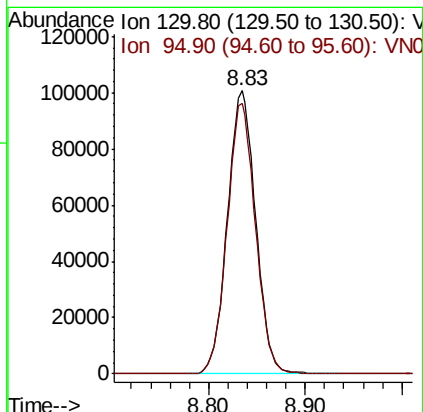
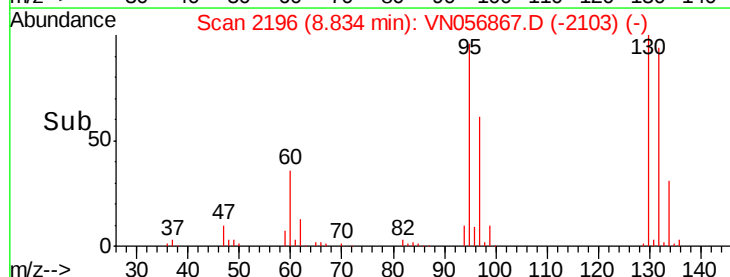
130 100

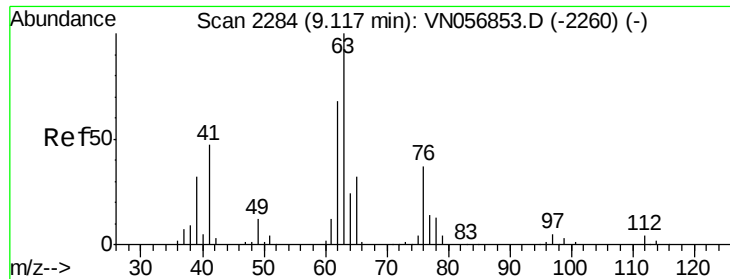
95 95.8 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): VN056867.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056867.D (-2103) (-)

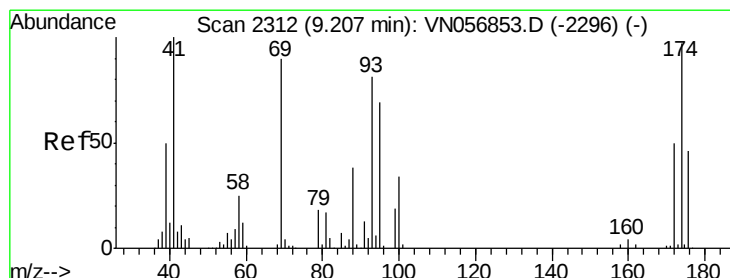
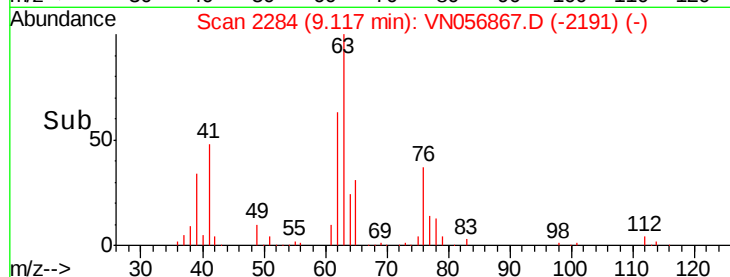
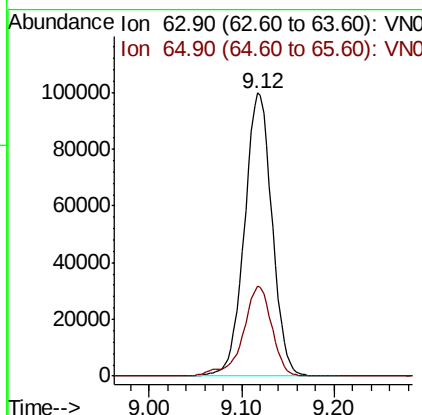
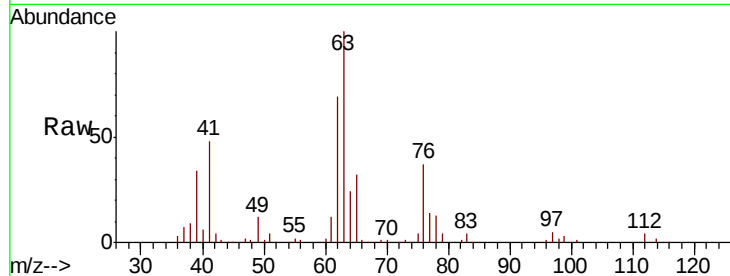




#45
 1,2-Dichloropropane
 Concen: 50.839 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

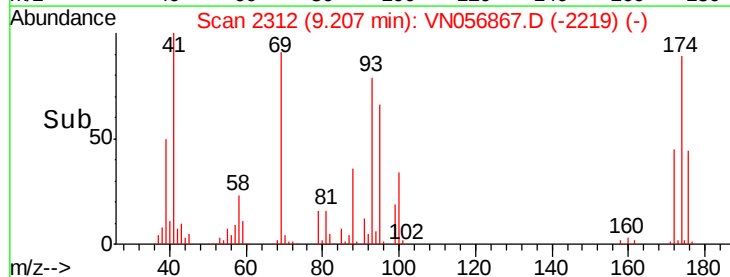
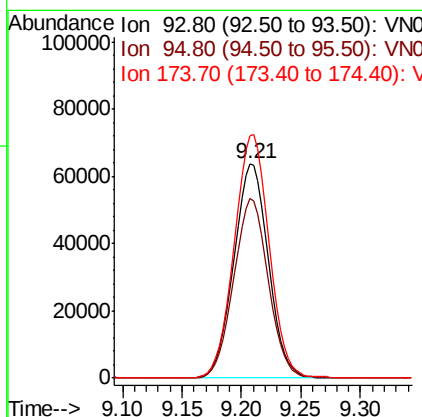
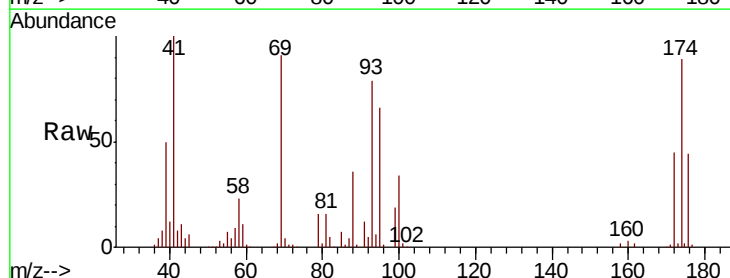
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

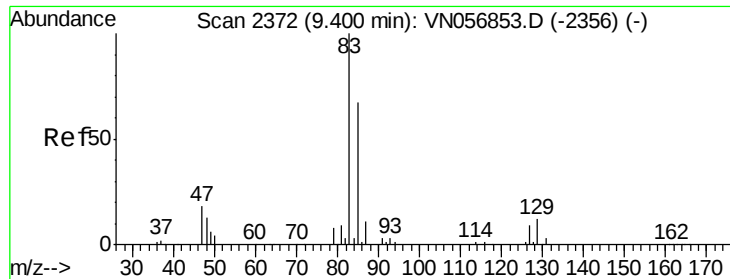
Tot Ion: 63 Resp: 205871
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.4 38.0



#46
 Dibromomethane
 Concen: 51.359 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 93 Resp: 128371
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 115.2 92.9 139.3





#47

Bromodichloromethane

Concen: 52.396 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

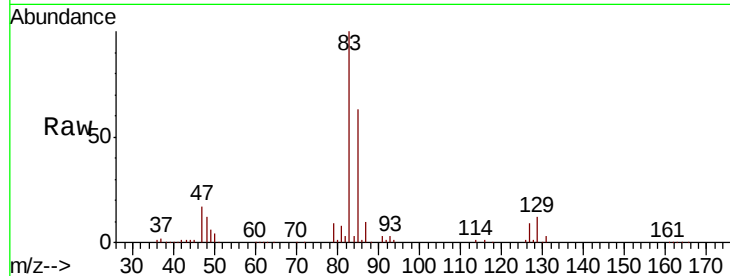
Tot Ion: 83 Resp: 246286

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.2

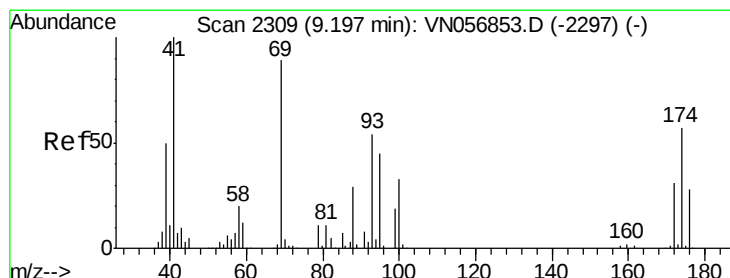
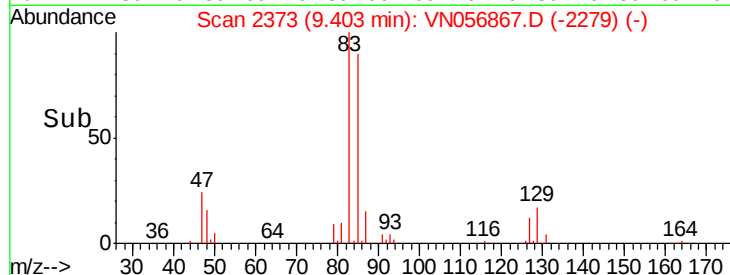
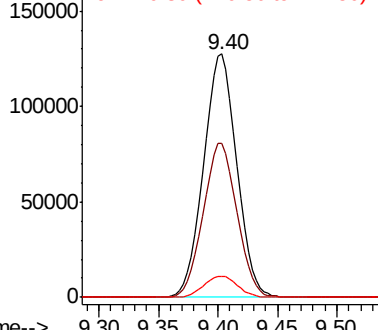
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 52.973 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

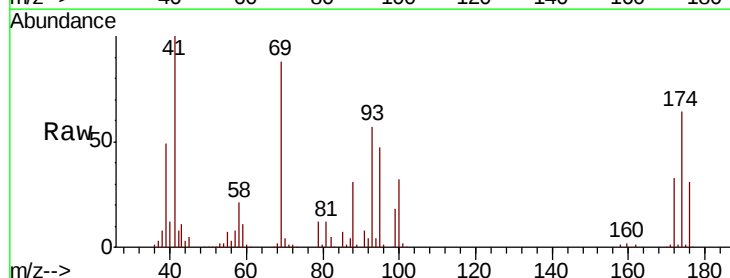
Tgt Ion: 41 Resp: 177784

Ion Ratio Lower Upper

41 100

69 89.0 71.1 106.7

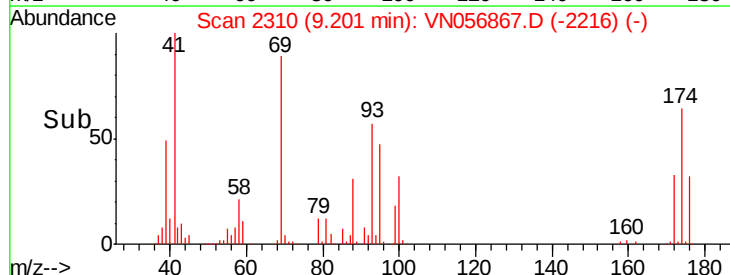
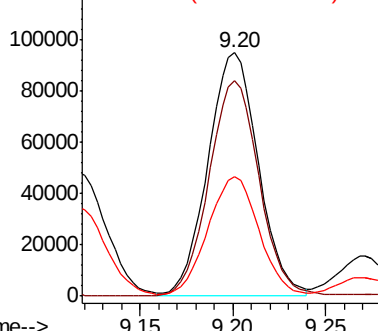
39 50.2 40.6 60.8

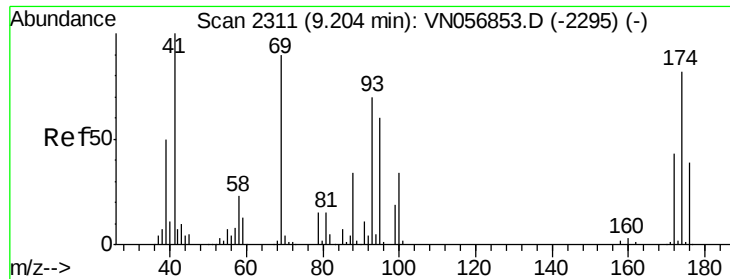


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1069.920 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

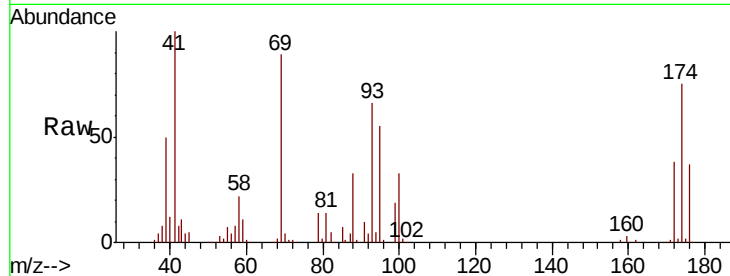
Tot Ion: 88 Resp: 70434

Ion Ratio Lower Upper

88 100

43 27.2 21.4 32.2

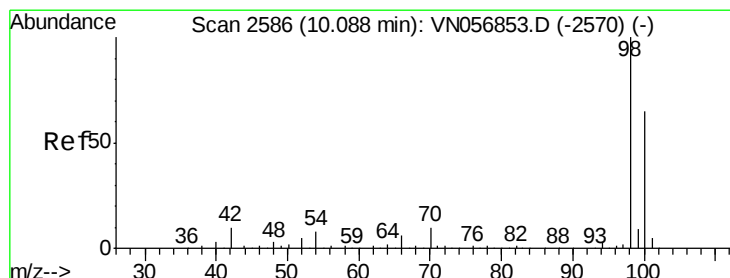
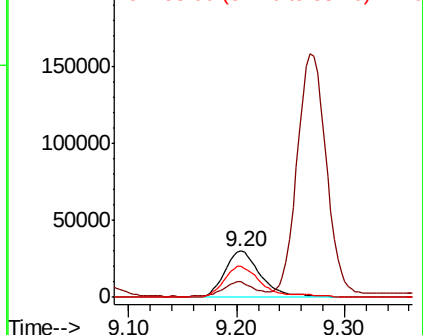
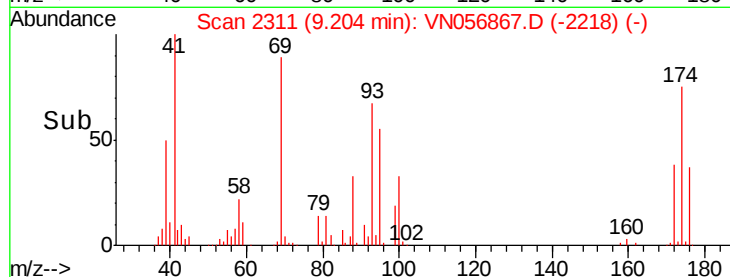
58 66.1 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.318 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056867.D

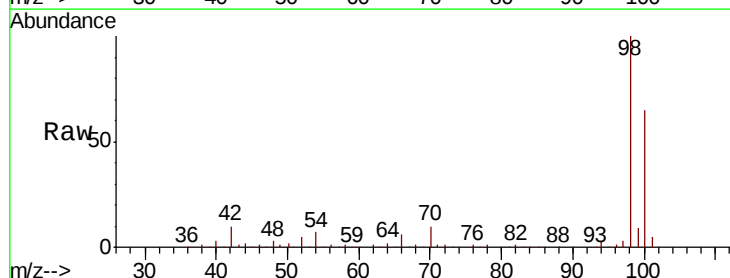
Acq: 22 Jul 2019 20:37

Tgt Ion: 98 Resp: 653012

Ion Ratio Lower Upper

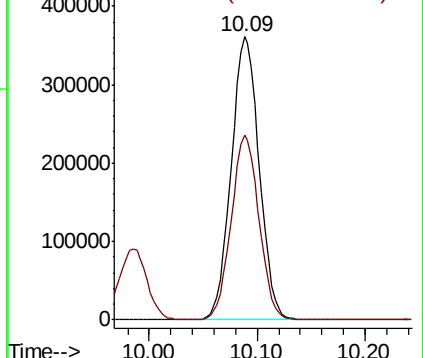
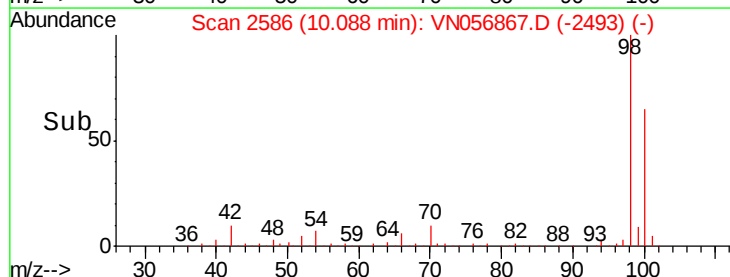
98 100

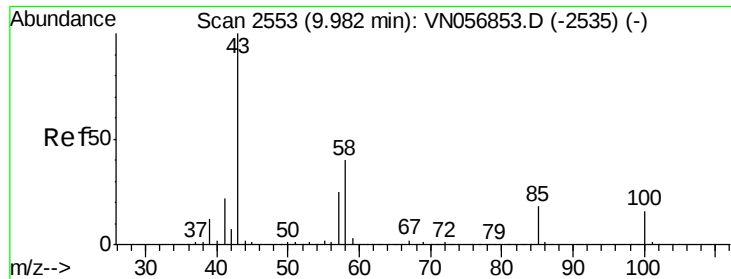
100 64.6 51.5 77.3



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: 268.965 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

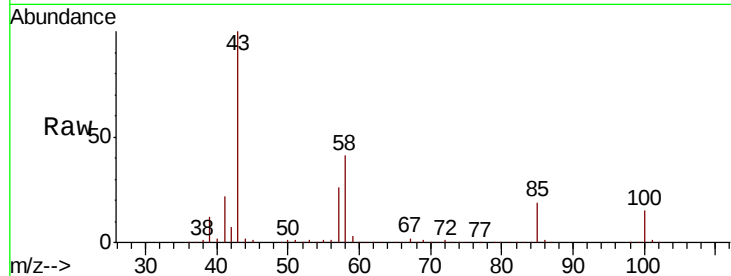
VSTDCCC050EC

Tot Ion: 43 Resp: 1076037

Ion Ratio Lower Upper

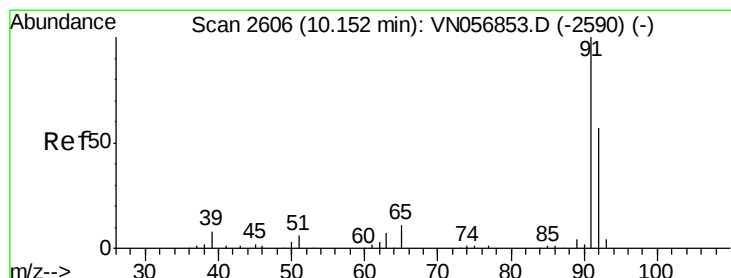
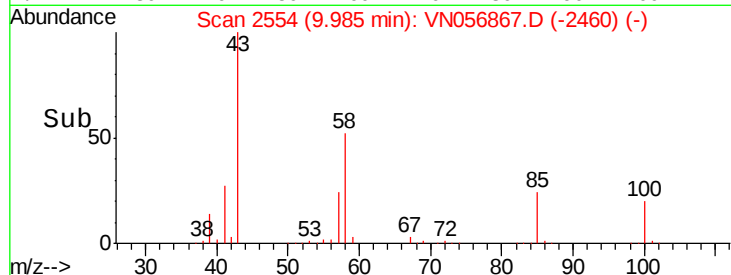
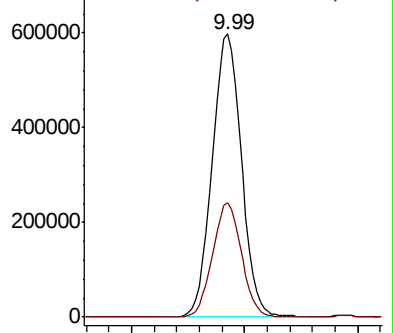
43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.989 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056867.D

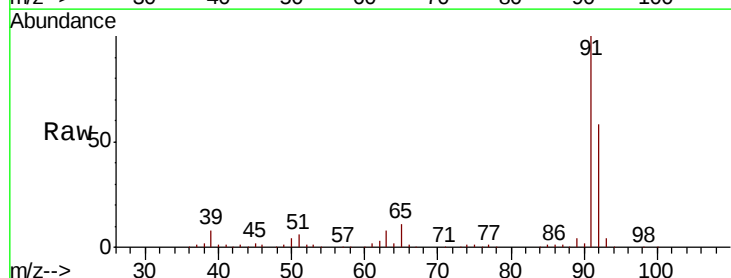
Acq: 22 Jul 2019 20:37

Tgt Ion: 92 Resp: 470269

Ion Ratio Lower Upper

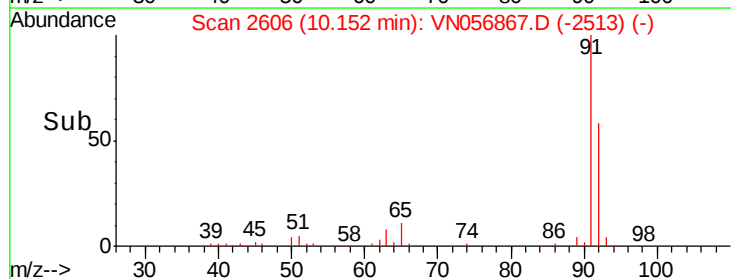
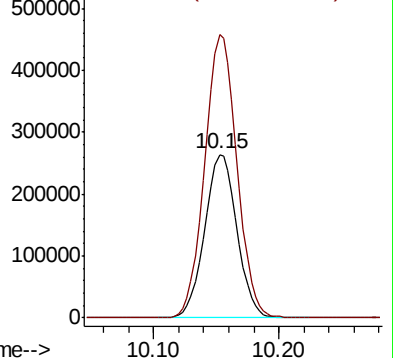
92 100

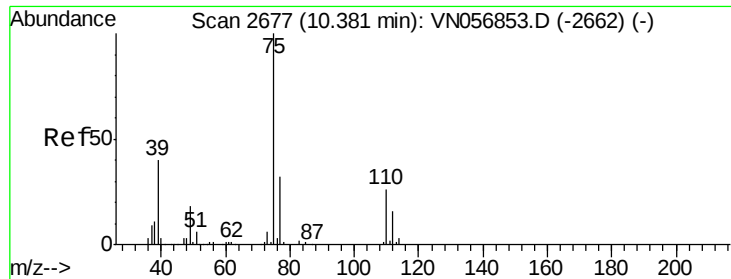
91 174.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 53.361 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

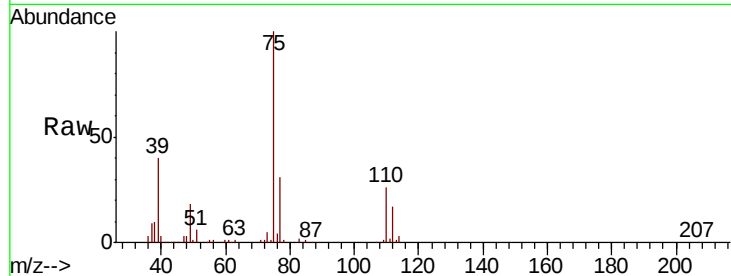
VSTDCCC050EC

Tot Ion: 75 Resp: 257426

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

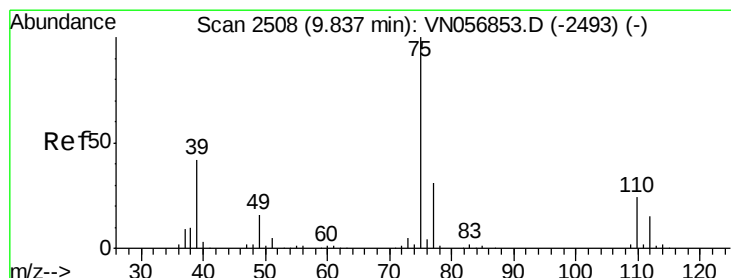
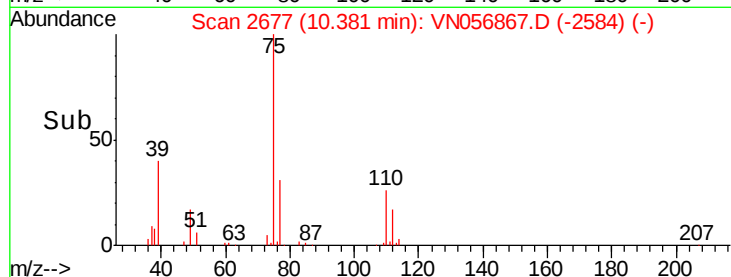
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.197 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

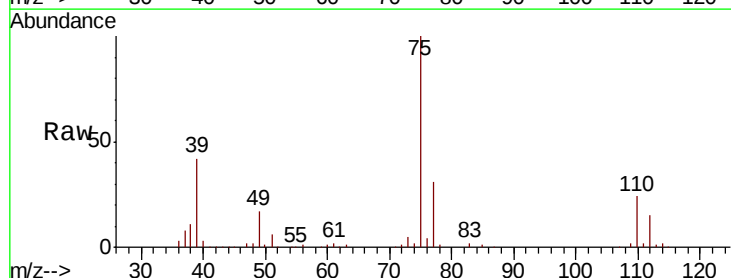
Tgt Ion: 75 Resp: 296868

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 42.1 33.4 50.2



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

200000

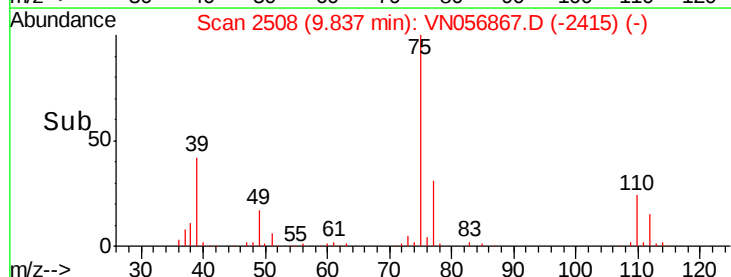
150000

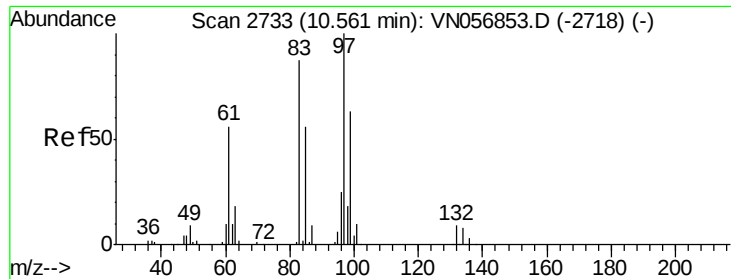
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.221 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 183898

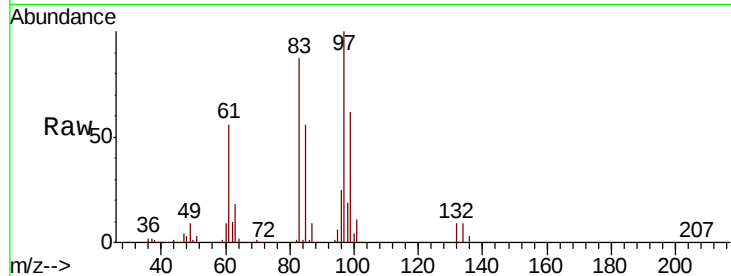
Ion Ratio Lower Upper

97 100

83 87.0 70.0 105.0

85 55.9 45.1 67.7

99 61.8 50.2 75.4

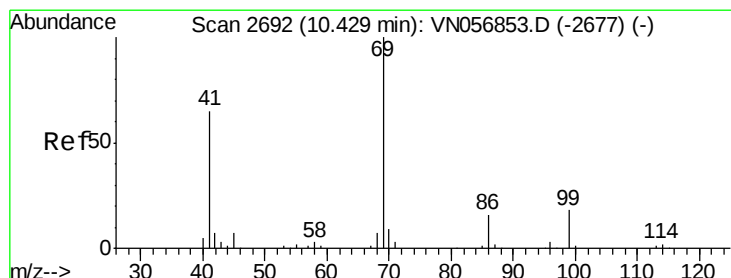
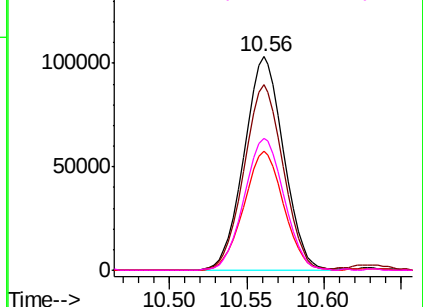
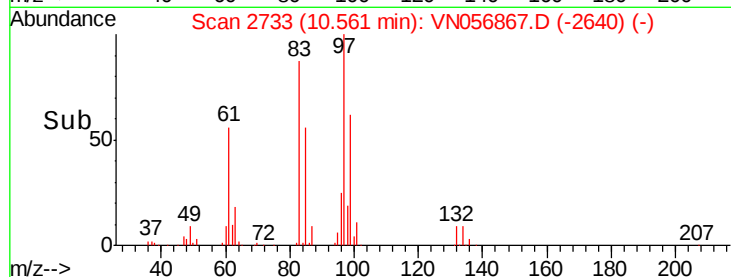


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 55.296 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

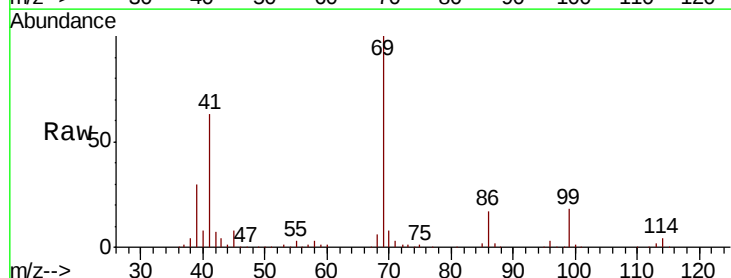
Tgt Ion: 69 Resp: 275597

Ion Ratio Lower Upper

69 100

41 61.4 51.0 76.6

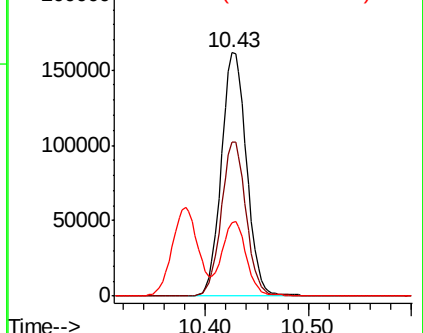
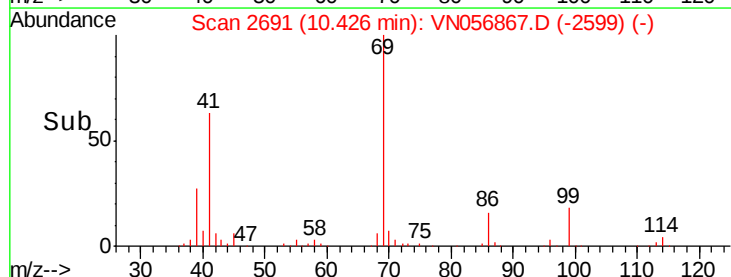
39 29.3 24.5 36.7

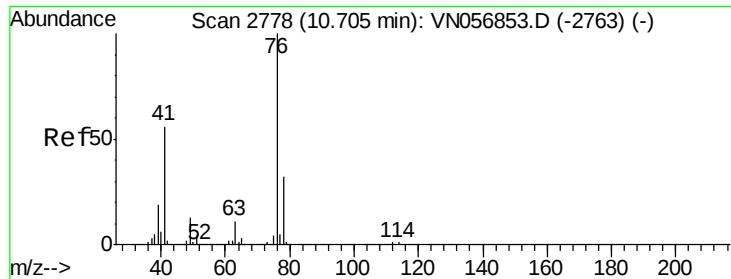


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.864 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

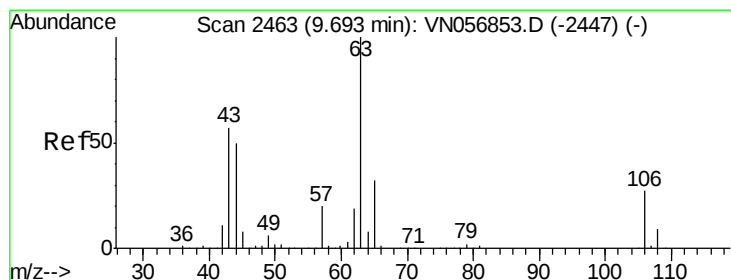
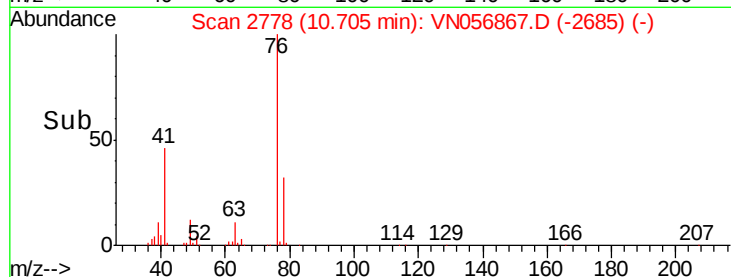
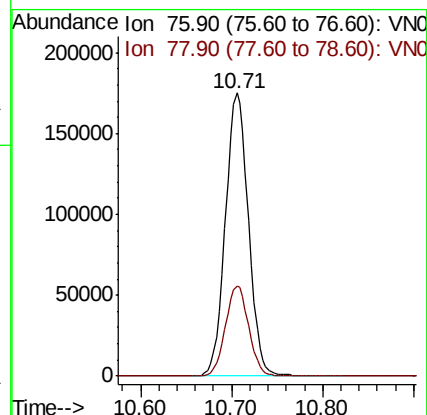
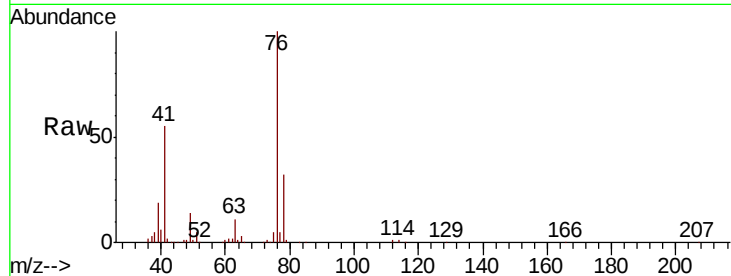
VSTDCCC050EC

Tot Ion: 76 Resp: 308223

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 244.464 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056867.D

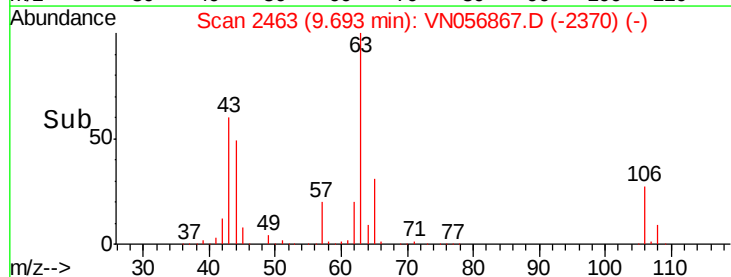
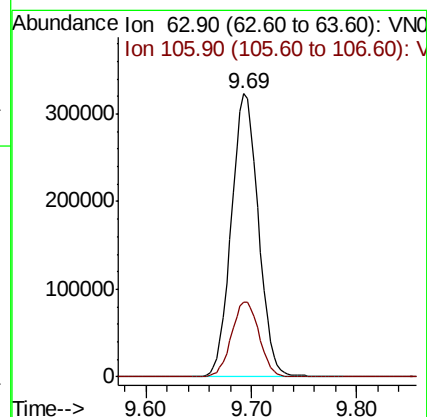
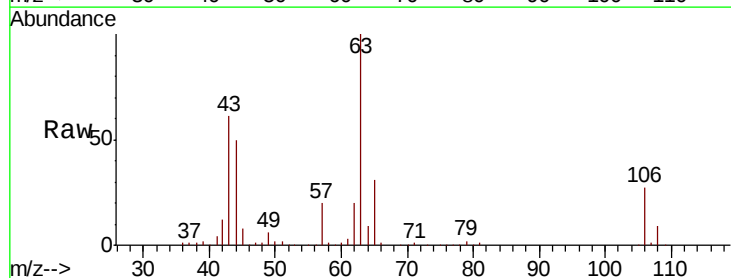
Acq: 22 Jul 2019 20:37

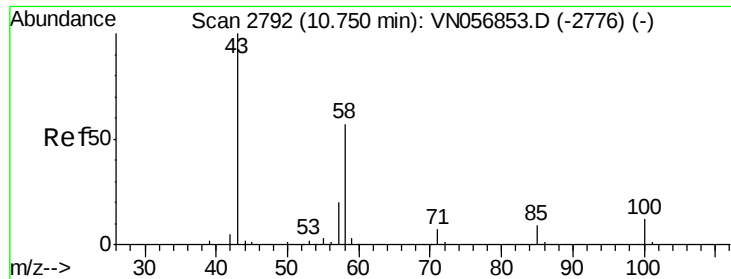
Tgt Ion: 63 Resp: 573373

Ion Ratio Lower Upper

63 100

106 27.2 21.8 32.8

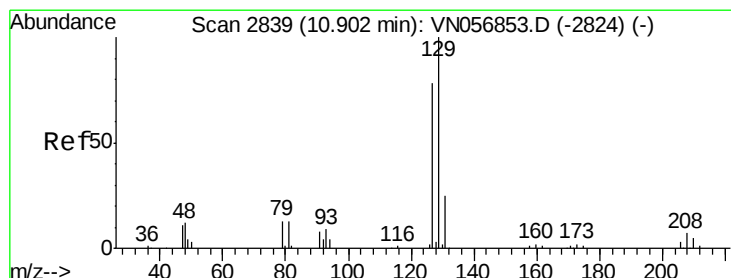
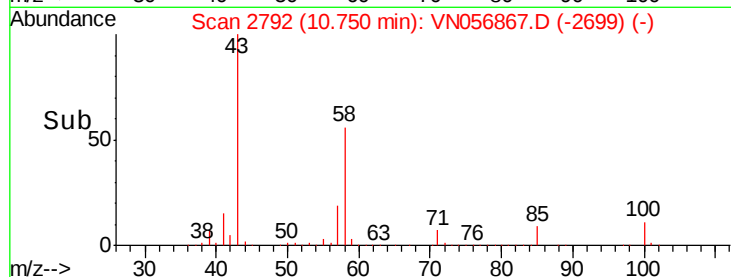
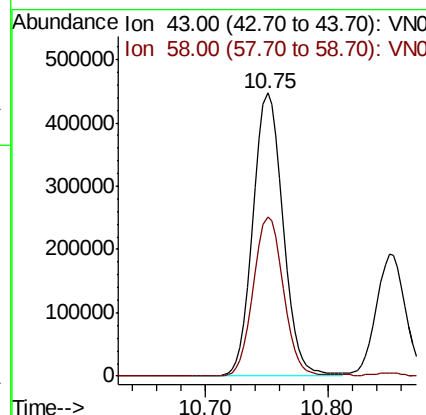
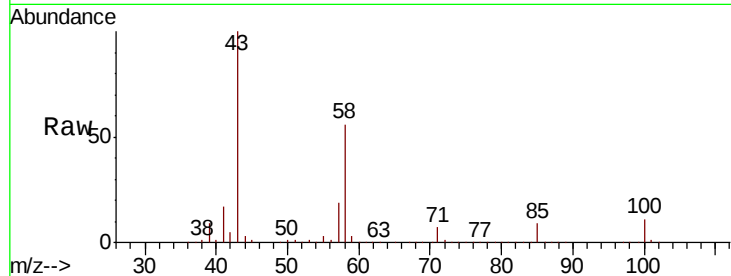




#59
2-Hexanone
Concen: 273.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

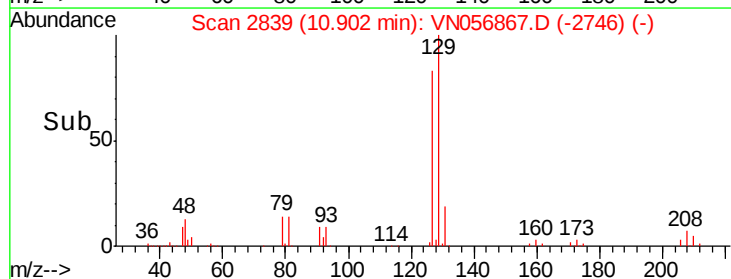
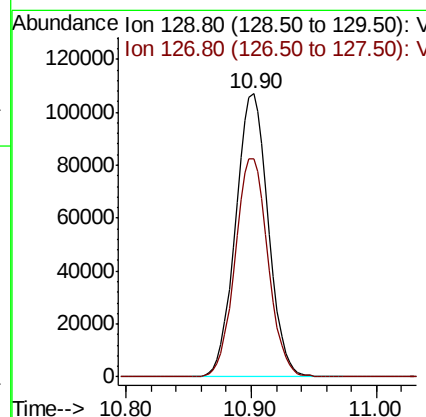
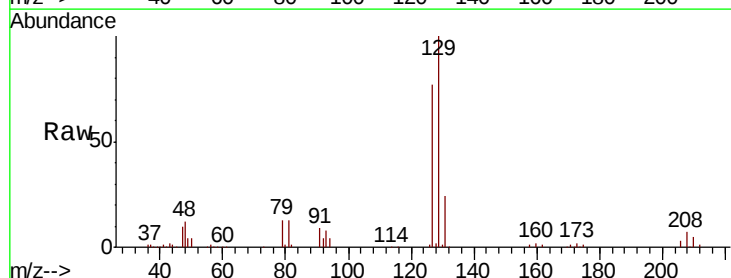
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

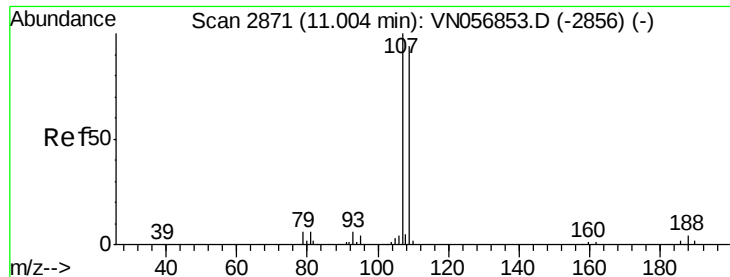
Tot Ion: 43 Resp: 756609
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0



#60
Dibromochloromethane
Concen: 53.630 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 129 Resp: 193211
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 53.005 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

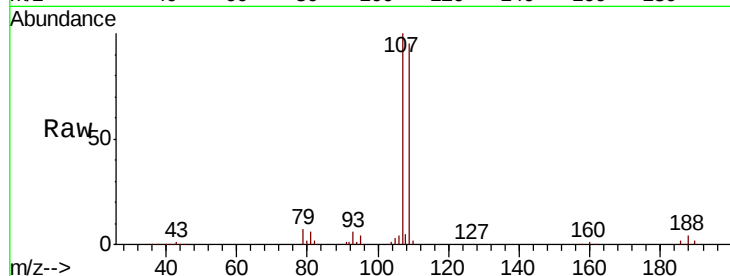
VSTDCCC050EC

Tot Ion:107 Resp: 188999

Ion Ratio Lower Upper

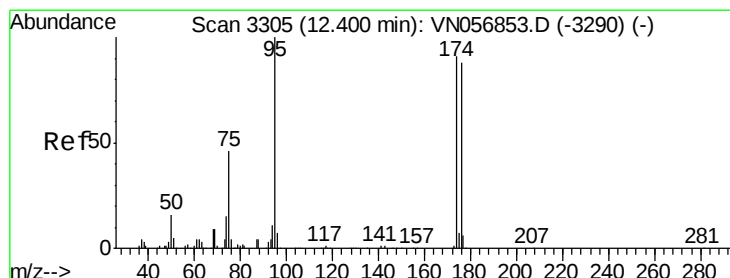
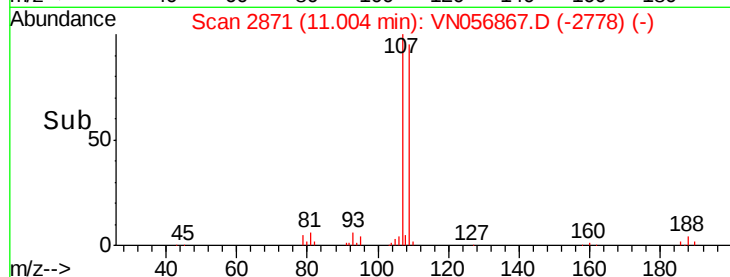
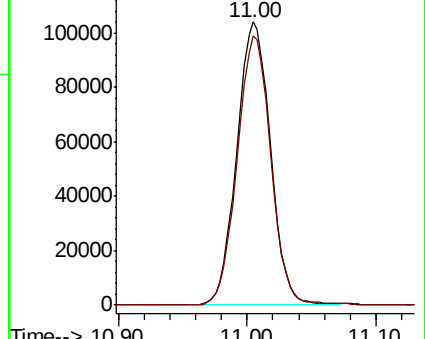
107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.177 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

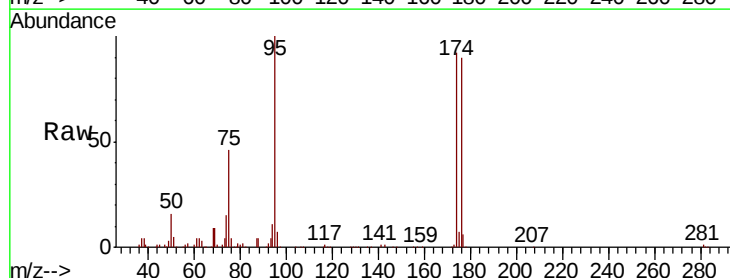
Tgt Ion: 95 Resp: 217278

Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.4

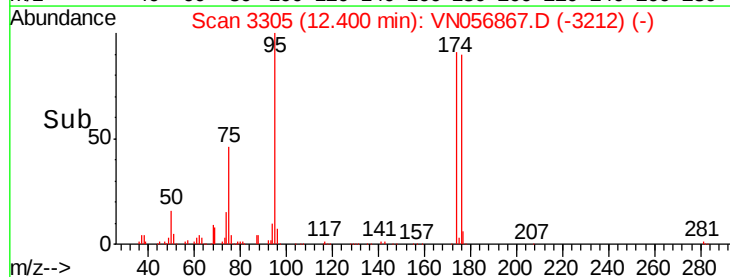
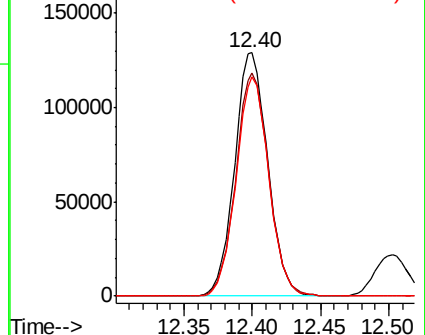
176 88.9 0.0 175.8

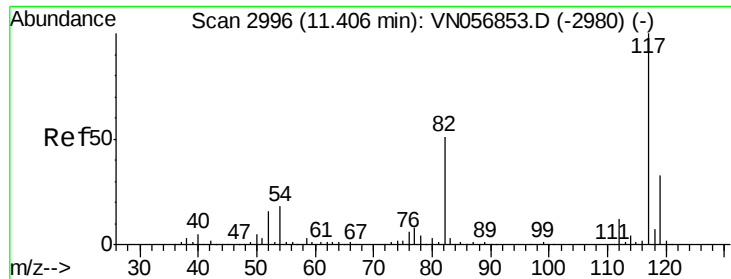


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

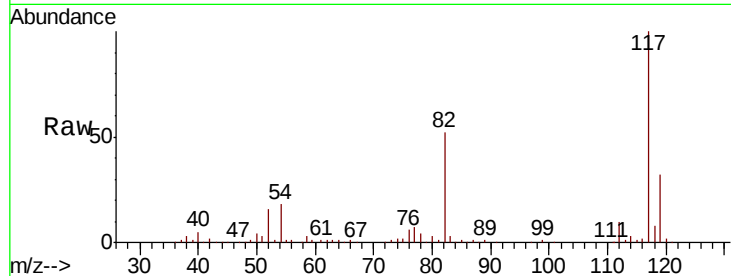




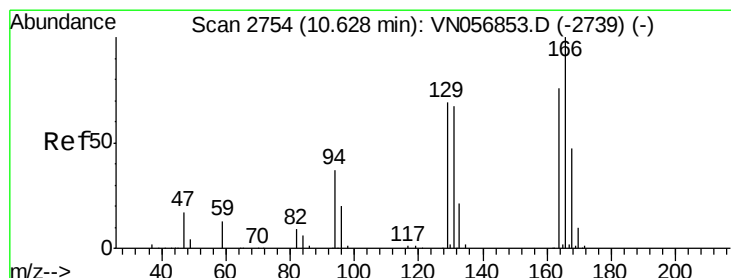
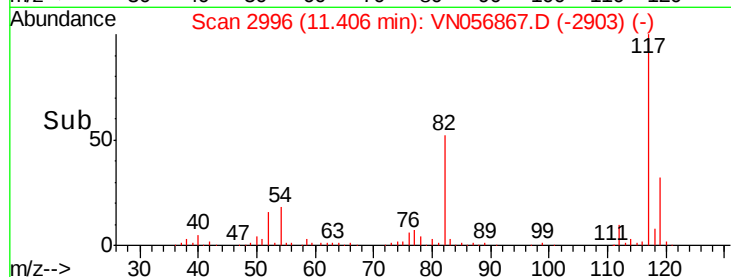
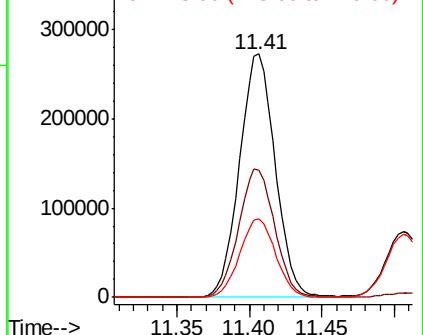
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 467587
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.3 26.4 39.6

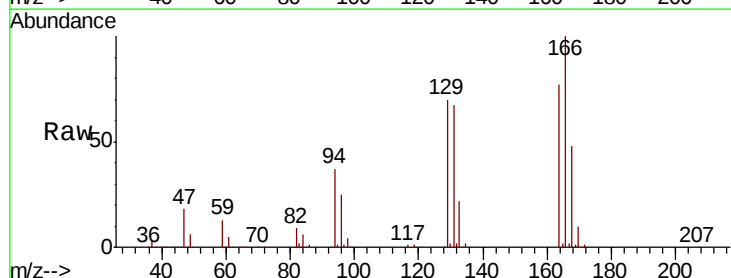


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

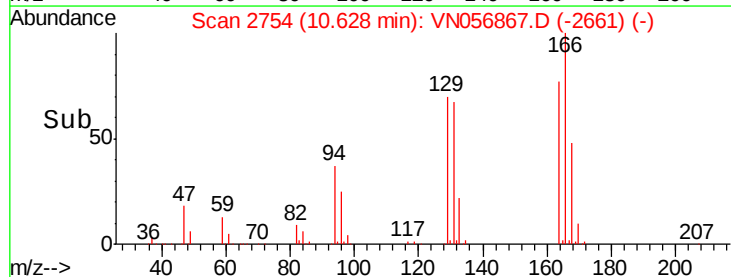
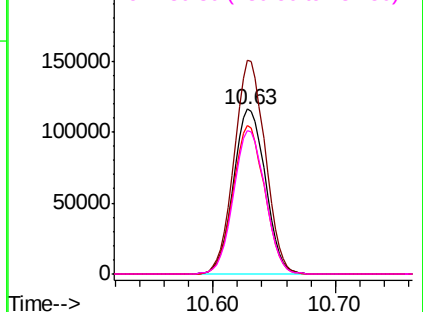


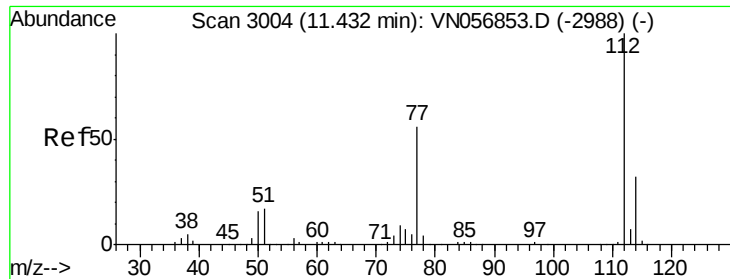
#64
Tetrachloroethene
Concen: 52.616 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:164 Resp: 211063
Ion Ratio Lower Upper
164 100
166 129.8 104.9 157.3
129 90.4 72.8 109.2
131 87.1 70.2 105.2



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

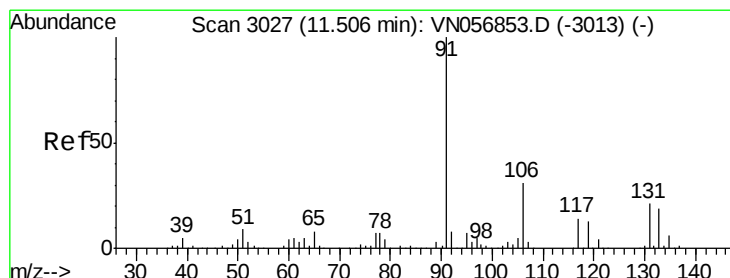
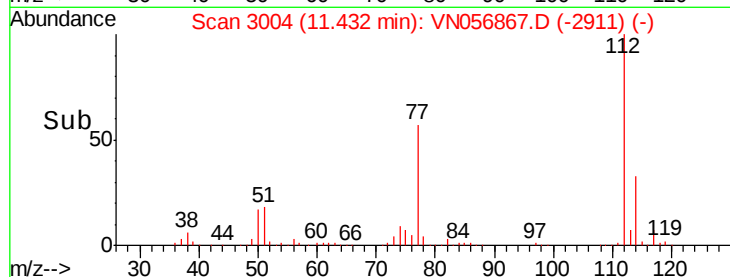
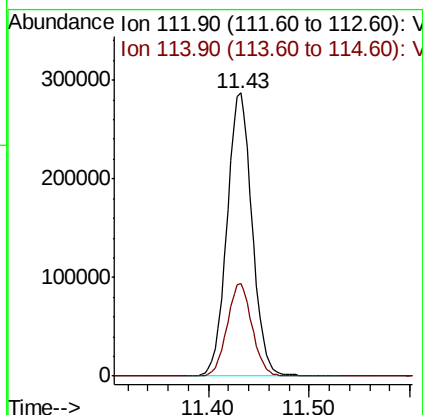
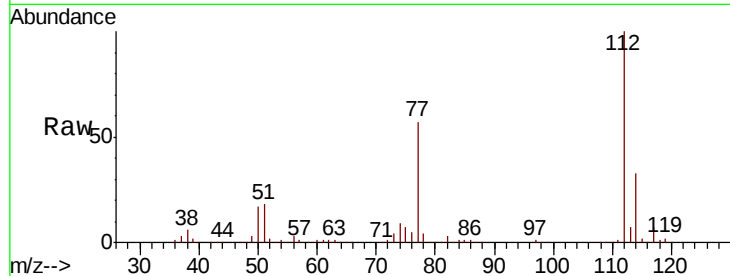




#65
Chlorobenzene
Concen: 51.333 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

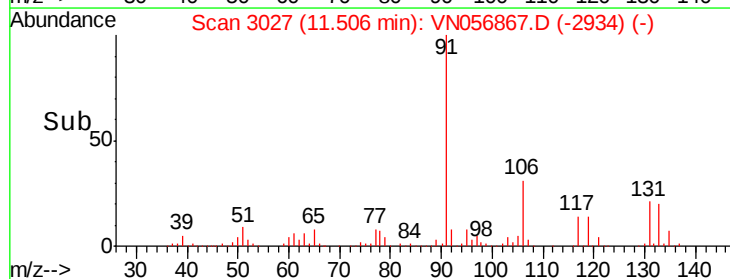
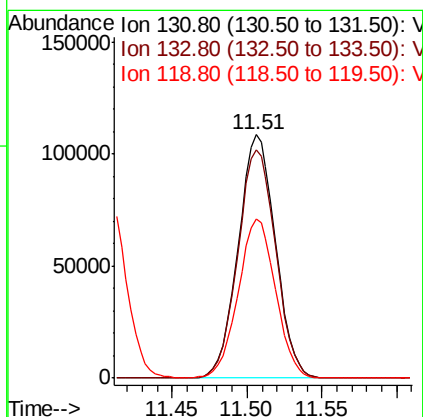
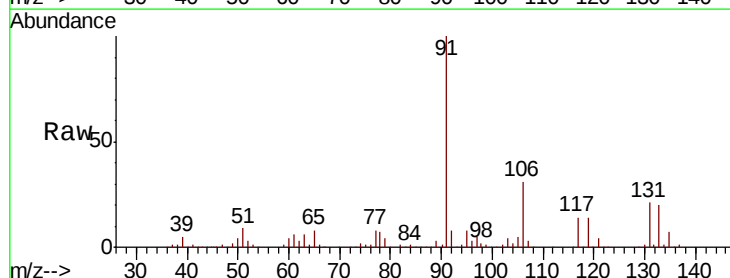
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

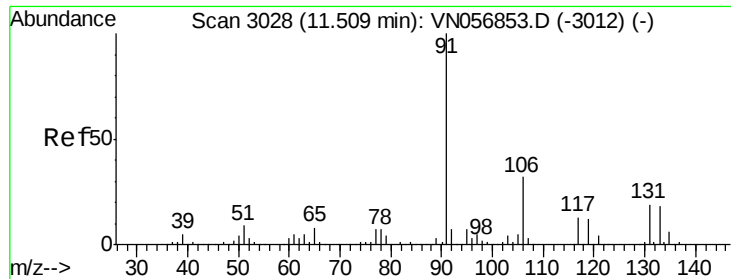
Tot Ion:112 Resp: 498798
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.201 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:131 Resp: 187564
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 65.7 33.1 99.5

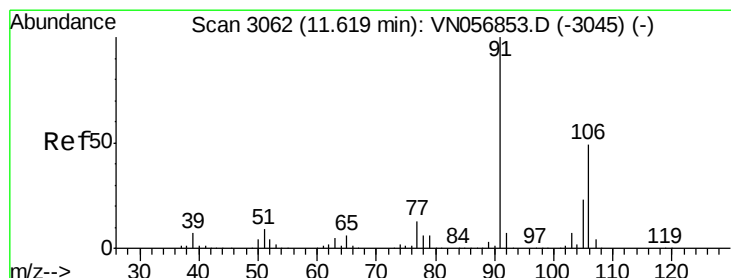
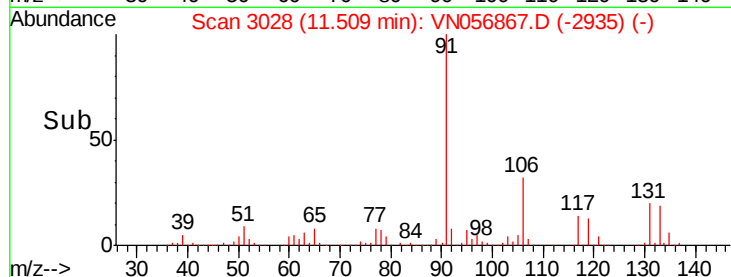
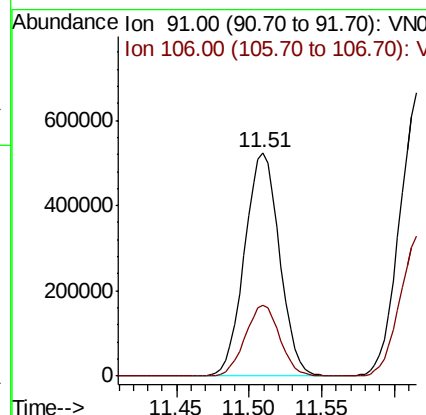
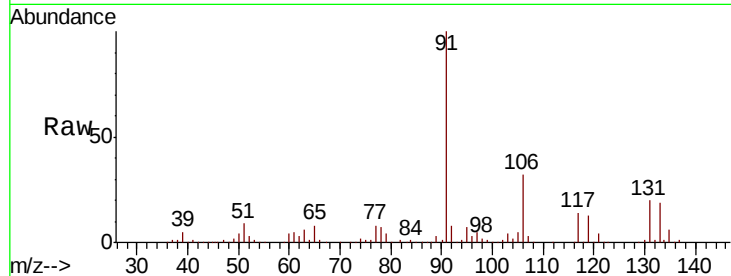




#67
Ethyl Benzene
Concen: 52.375 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

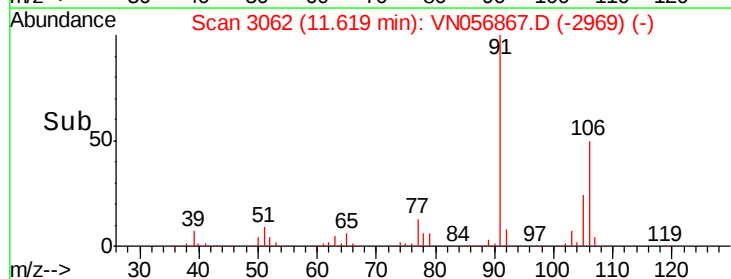
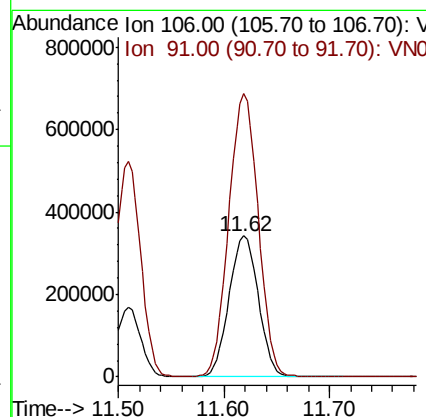
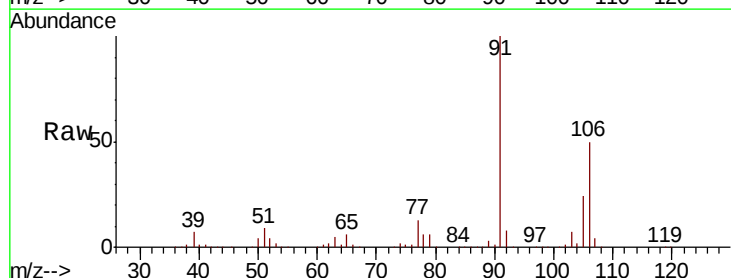
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

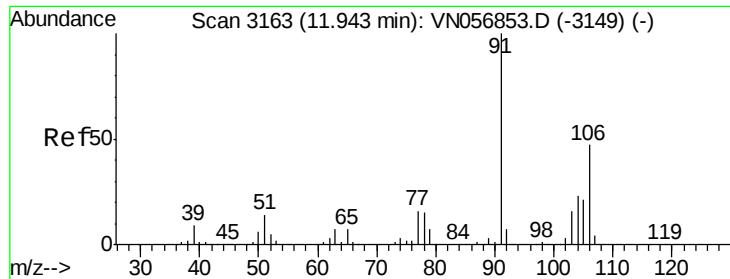
Tot Ion: 91 Resp: 878567
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9



#68
m/p-Xylenes
Concen: 105.040 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 106 Resp: 659640
Ion Ratio Lower Upper
106 100
91 201.4 160.5 240.7

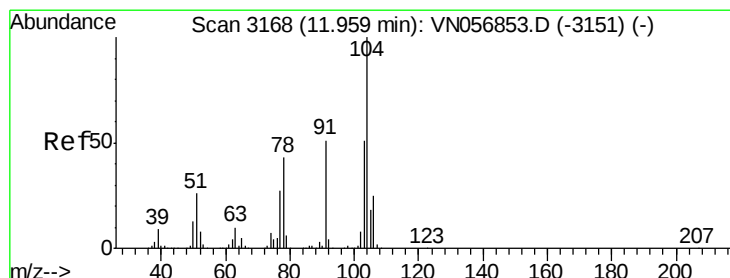
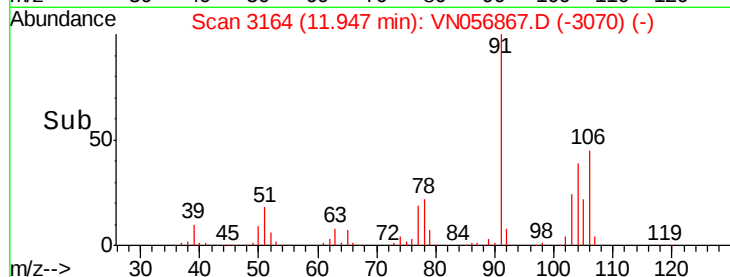
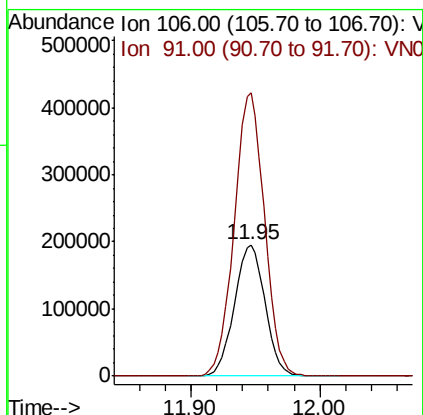
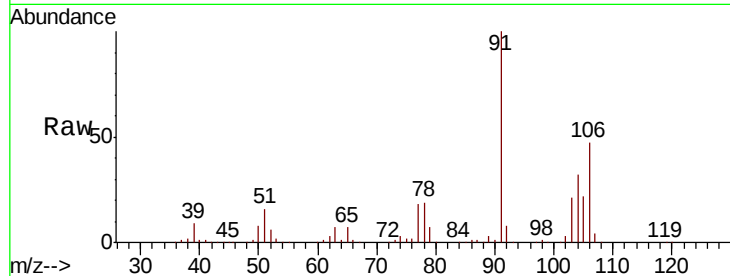




#69
o-Xylene
Concen: 52.495 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

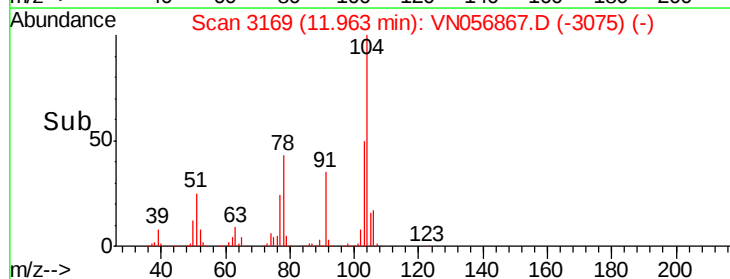
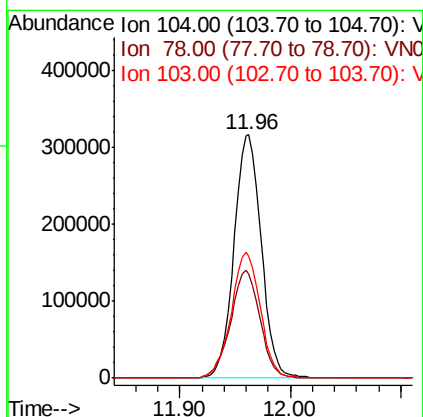
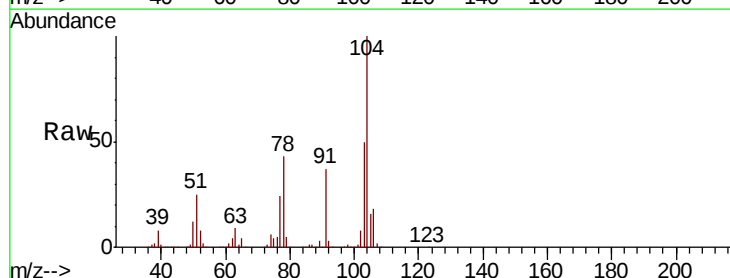
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

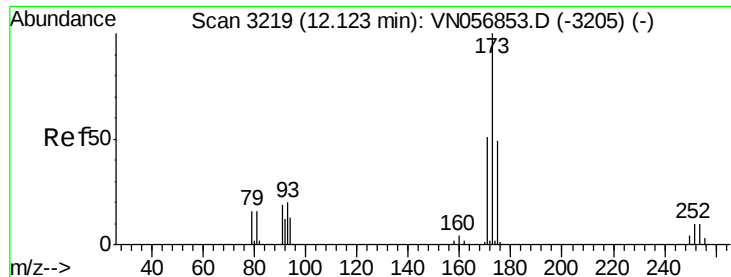
Tot Ion:106 Resp: 321818
Ion Ratio Lower Upper
106 100
91 213.6 105.1 315.3



#70
Styrene
Concen: 50.414 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:104 Resp: 542382
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 55.2 44.2 66.4

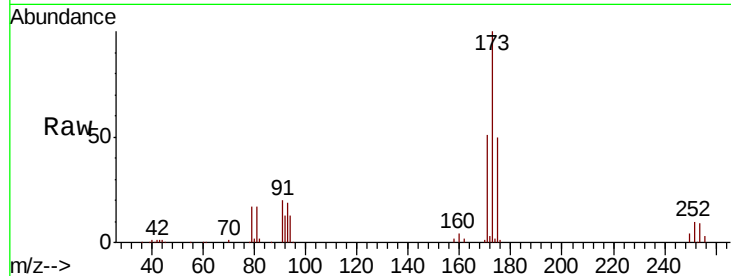




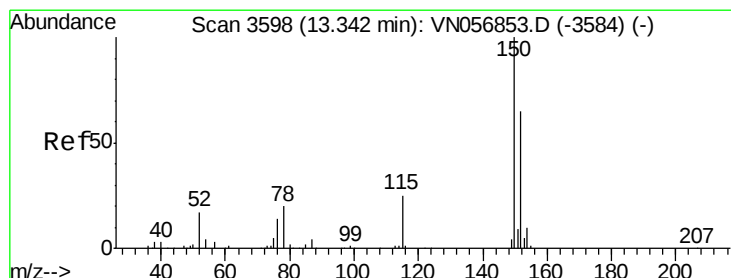
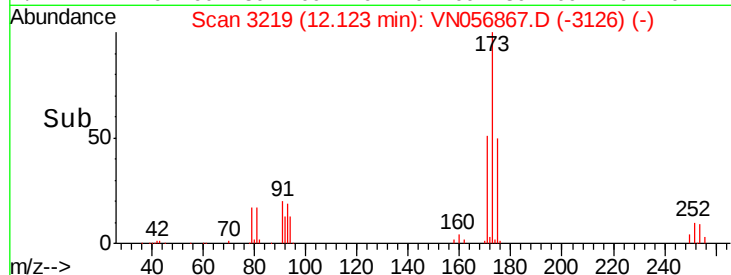
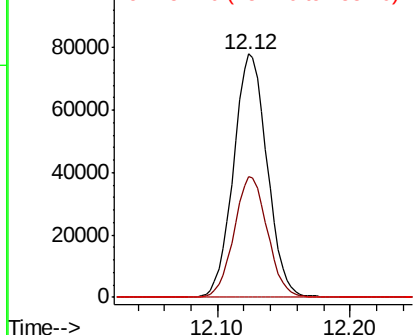
#71
Bromoform
Concen: 53.988 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 137054
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.3
254 0.0 0.0 0.0

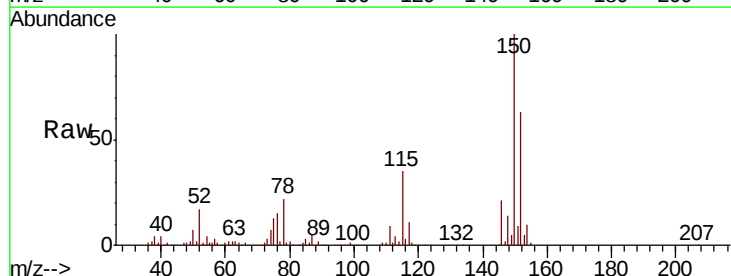


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

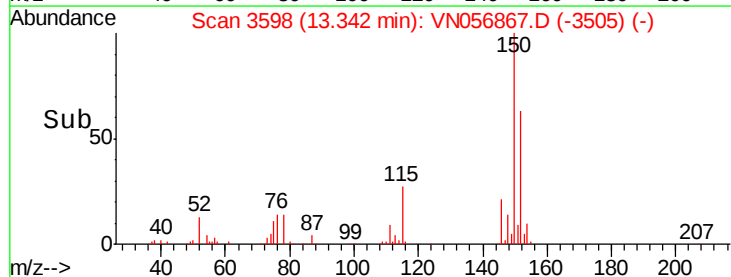
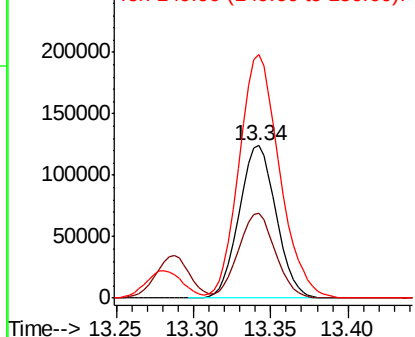


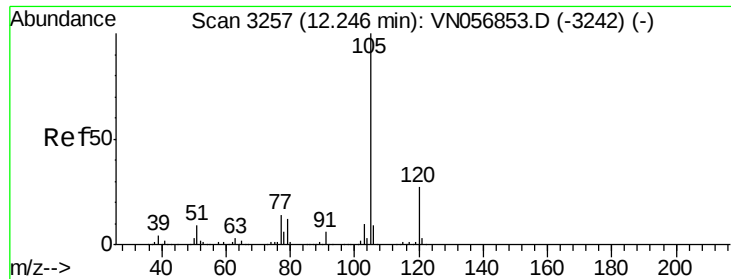
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:152 Resp: 206966
Ion Ratio Lower Upper
152 100
115 55.5 27.6 82.7
150 174.6 0.0 343.0



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





#73

Isopropylbenzene

Concen: 55.170 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

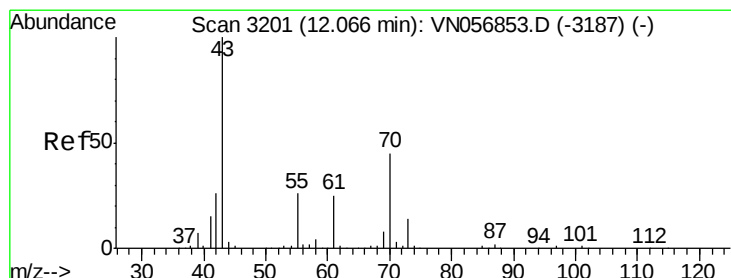
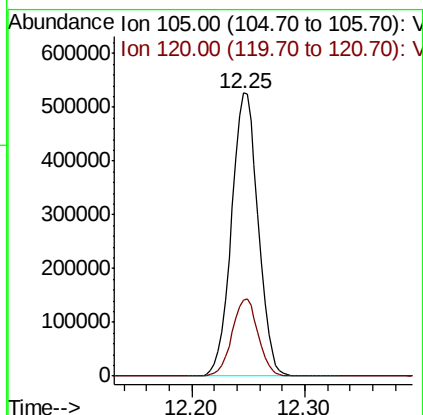
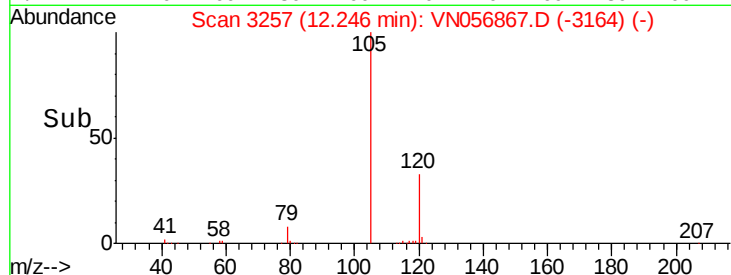
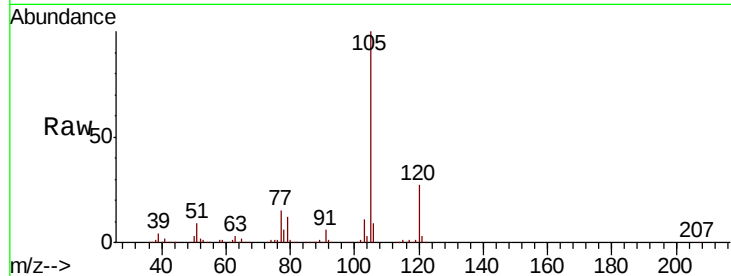
VSTDCCC050EC

Tot Ion:105 Resp: 860784

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 49.543 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Tgt Ion: 43 Resp: 301061

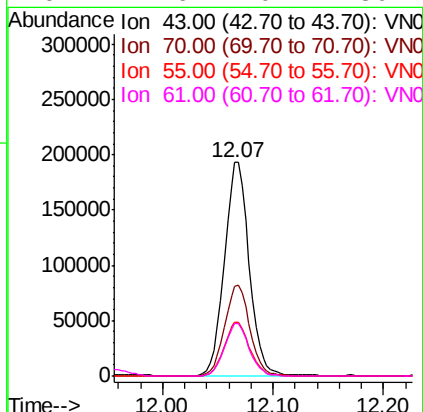
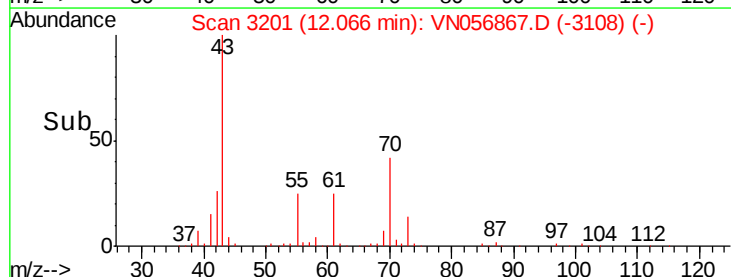
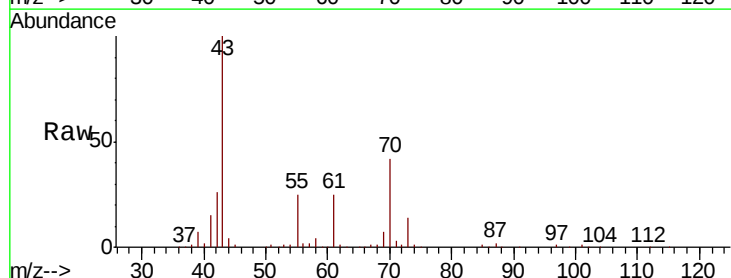
Ion Ratio Lower Upper

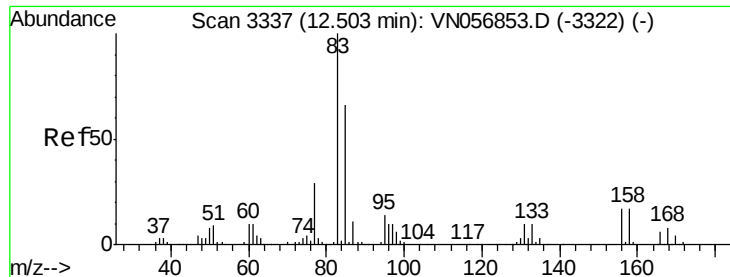
43 100

70 43.5 35.3 52.9

55 25.8 20.6 31.0

61 24.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.653 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

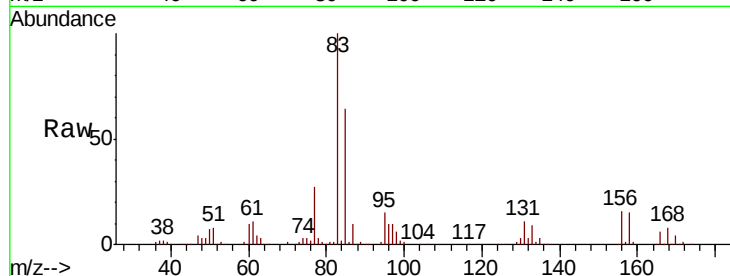
Tot Ion: 83 Resp: 243833

Ion Ratio Lower Upper

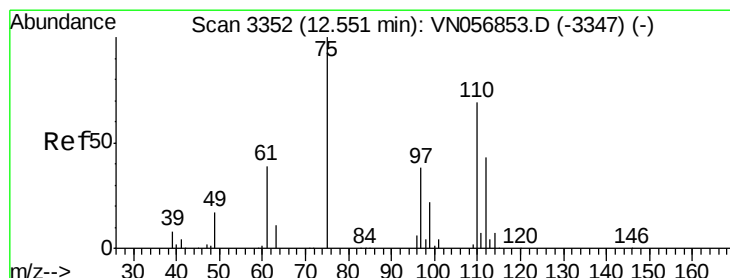
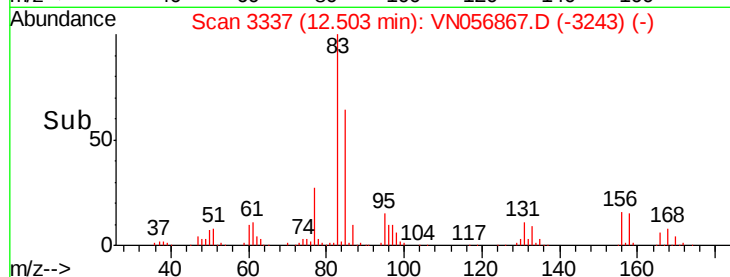
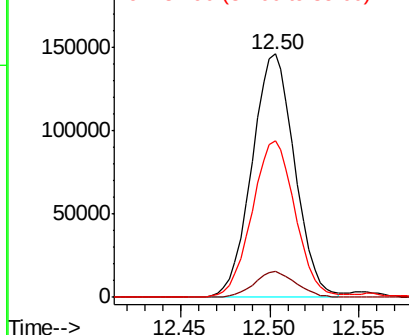
83 100

131 10.5 5.1 15.4

85 64.8 32.8 98.3



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



#76

1,2,3-Trichloropropane

Concen: 69.168 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056867.D

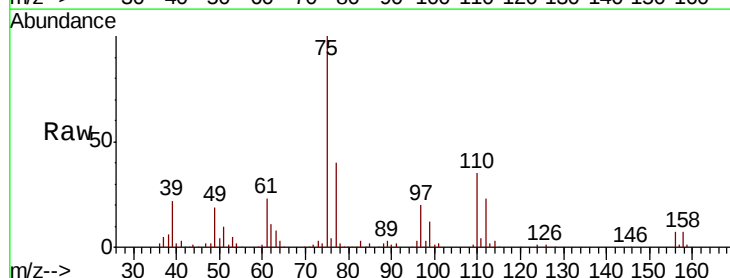
Acq: 22 Jul 2019 20:37

Tgt Ion: 75 Resp: 296680

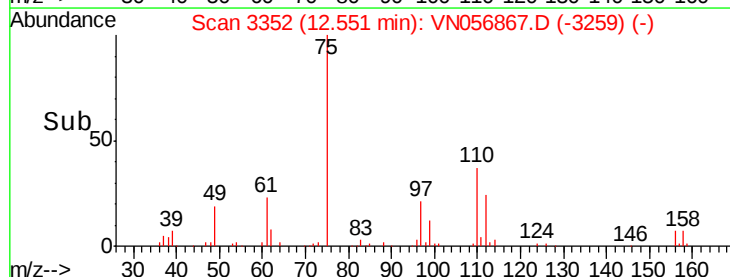
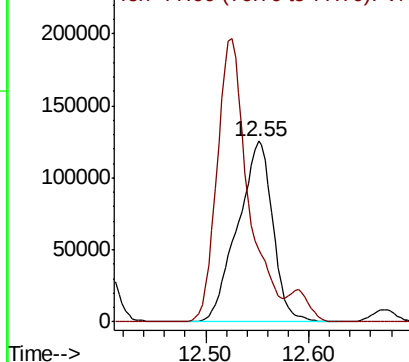
Ion Ratio Lower Upper

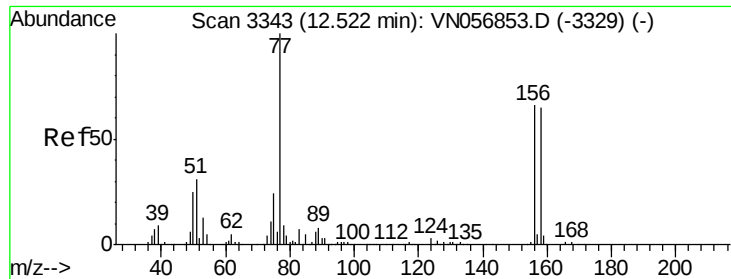
75 100

77 0.0 0.0 0.0



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

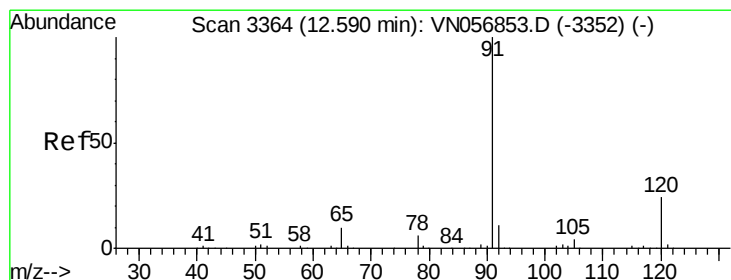
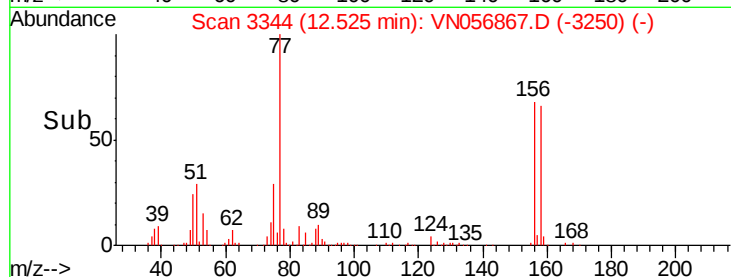
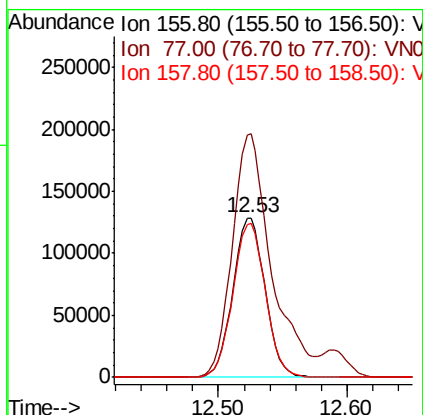
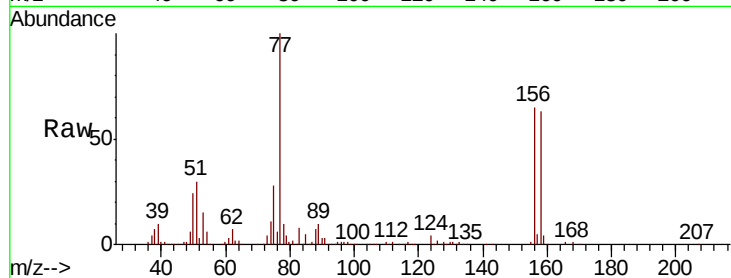




#77
Bromobenzene
Concen: 49.478 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

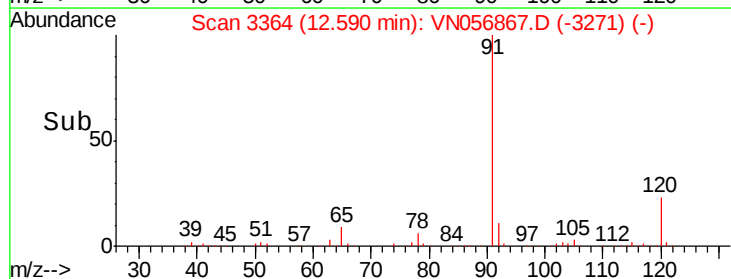
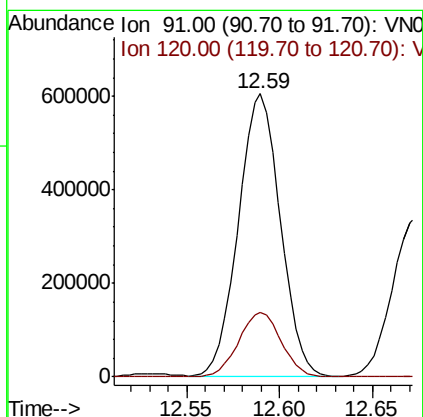
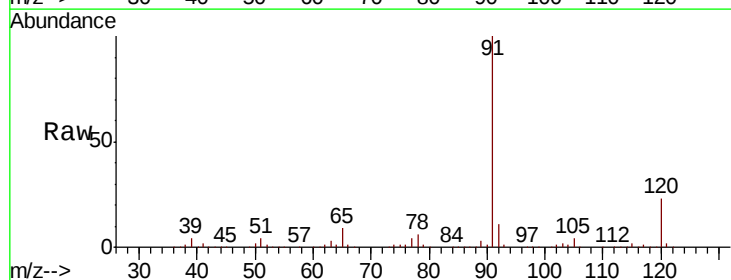
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

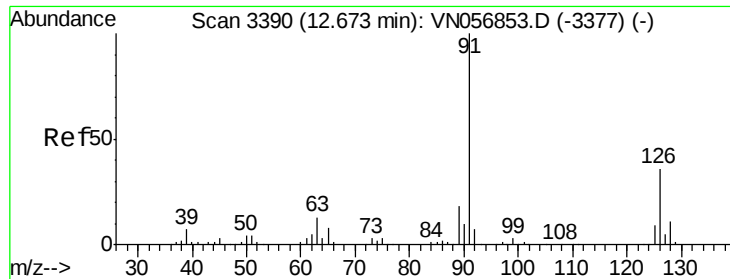
Tot Ion:156 Resp: 223367
Ion Ratio Lower Upper
156 100
77 184.3 90.7 272.1
158 97.4 48.5 145.5



#78
n-propylbenzene
Concen: 49.834 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 91 Resp: 948016
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.4

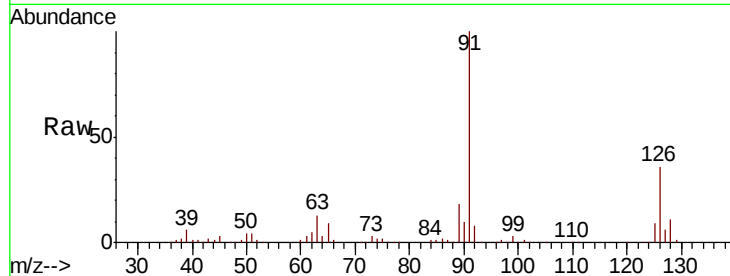




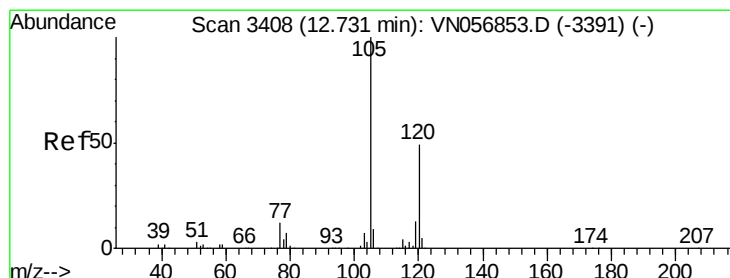
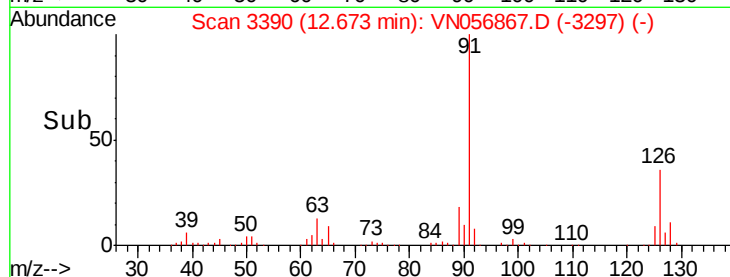
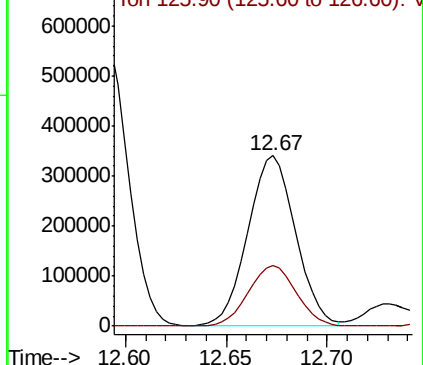
#79
 2-Chlorotoluene
 Concen: 53.872 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 560957
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.8 53.5

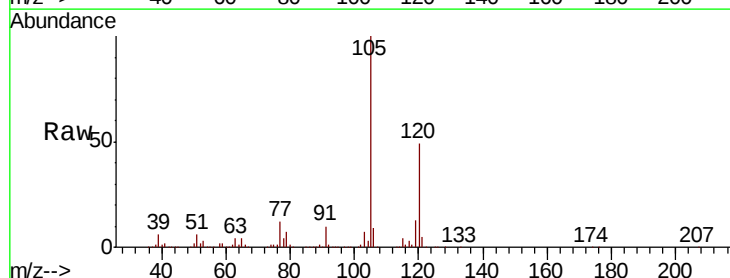


Abundance Ion 91.00 (90.70 to 91.70): VN056853.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN056853.D (-3377) (-)

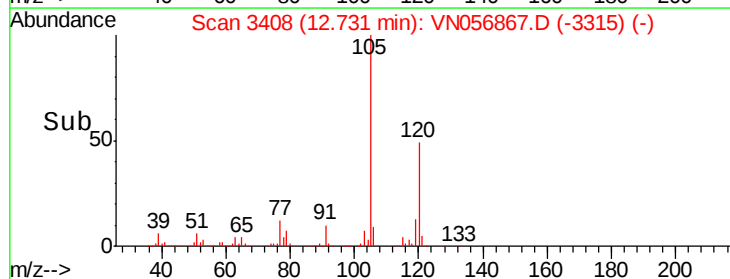
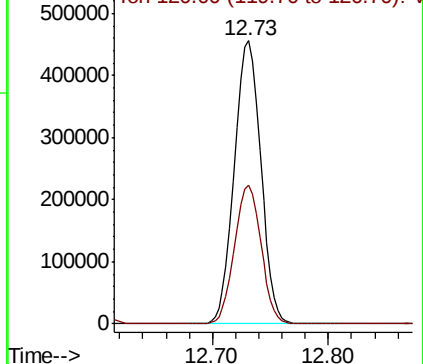


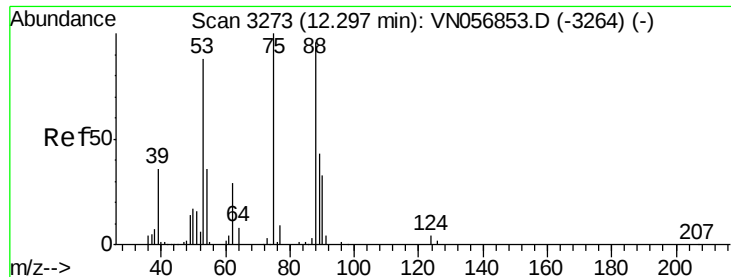
#80
 1,3,5-Trimethylbenzene
 Concen: 54.373 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion: 105 Resp: 718196
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056853.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN056853.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.632 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

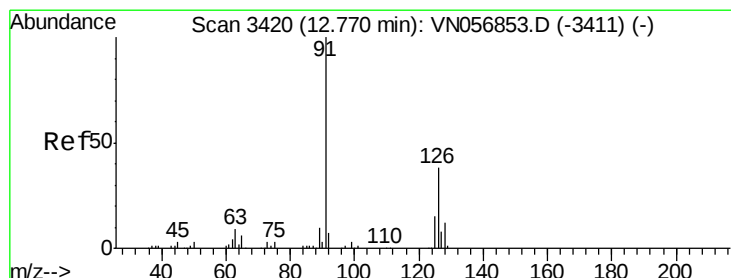
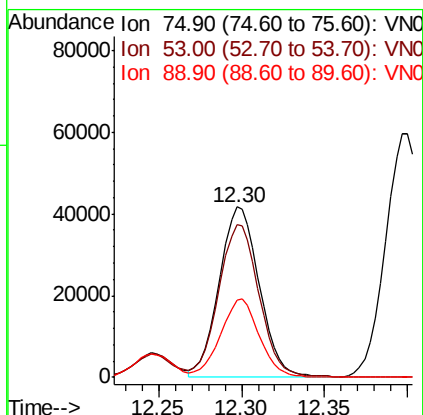
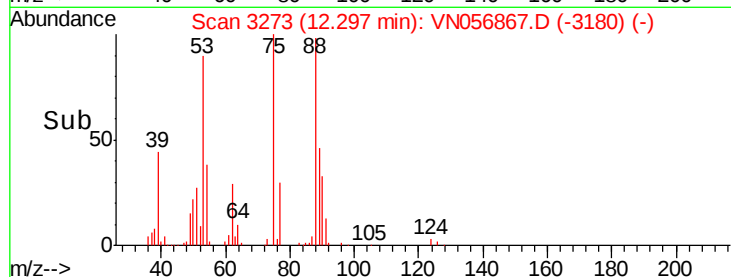
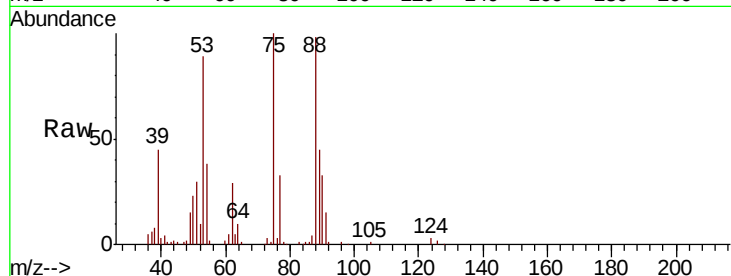
Tot Ion: 75 Resp: 70485

Ion Ratio Lower Upper

75 100

53 90.2 72.3 108.5

89 44.4 36.2 54.4



#82

4-Chlorotoluene

Concen: 48.481 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056867.D

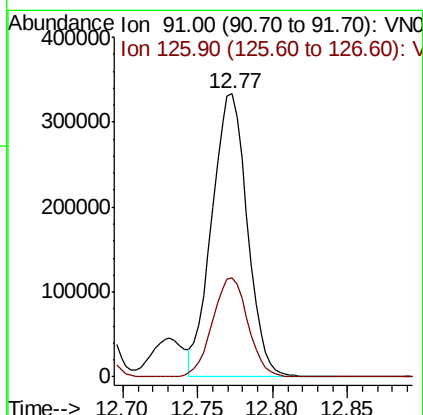
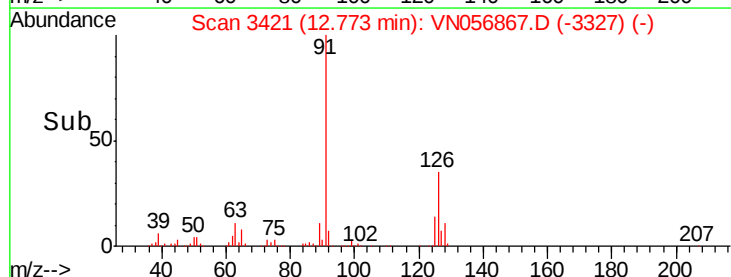
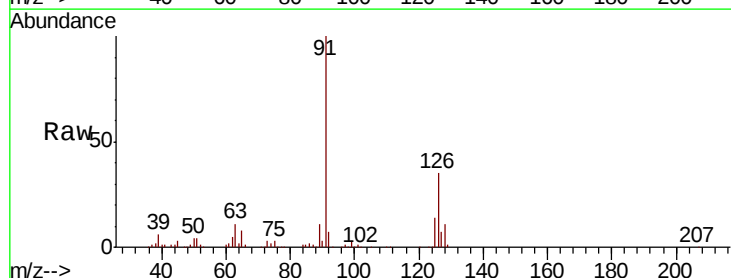
Acq: 22 Jul 2019 20:37

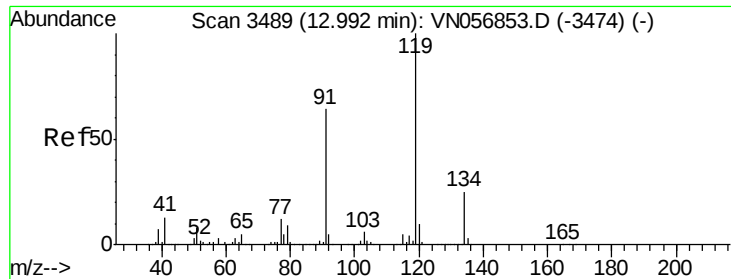
Tgt Ion: 91 Resp: 548711

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0

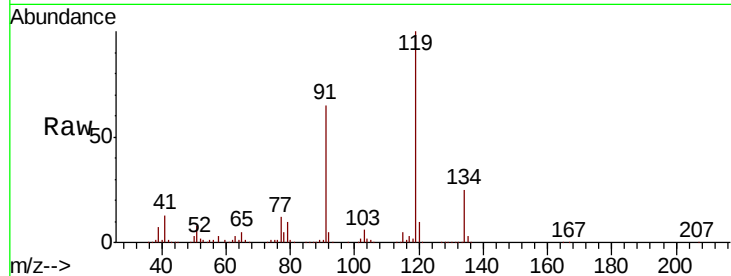




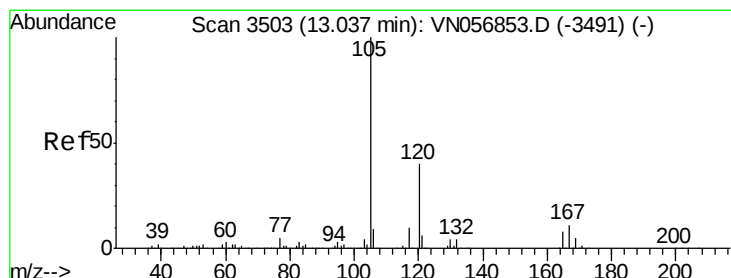
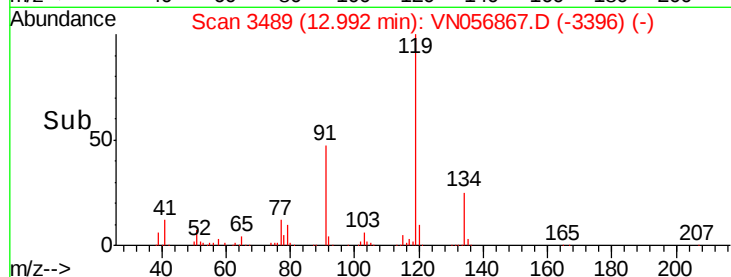
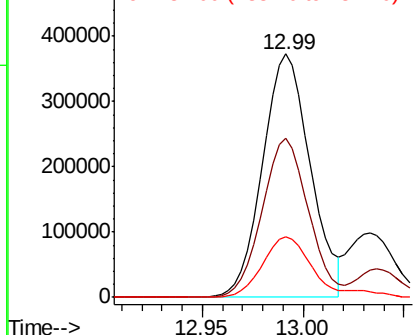
#83
tert-Butylbenzene
Concen: 53.594 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 614245
Ion Ratio Lower Upper
119 100
91 63.6 31.5 94.5
134 26.7 12.2 36.6

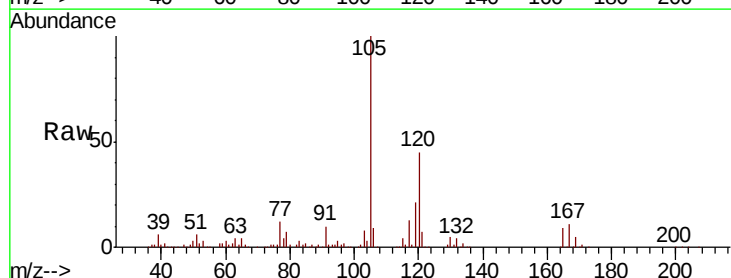


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

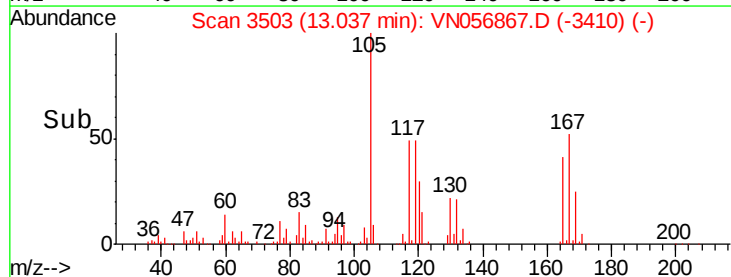
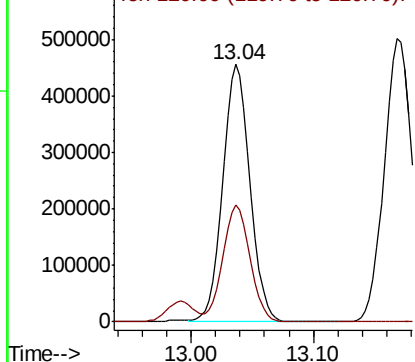


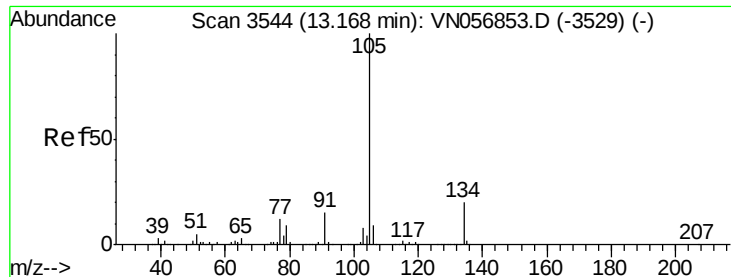
#84
1,2,4-Trimethylbenzene
Concen: 49.644 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion:105 Resp: 711824
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.5



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

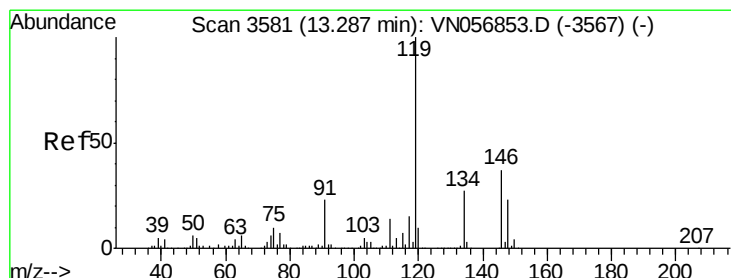
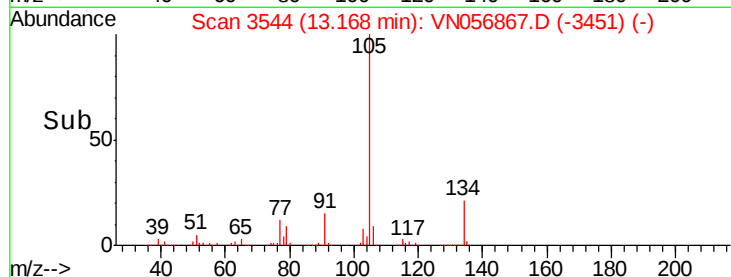
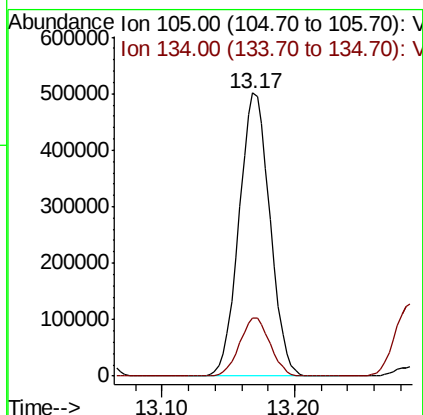
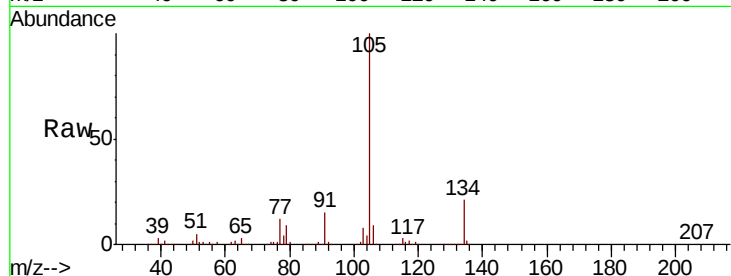




#85
 sec-Butylbenzene
 Concen: 48.056 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

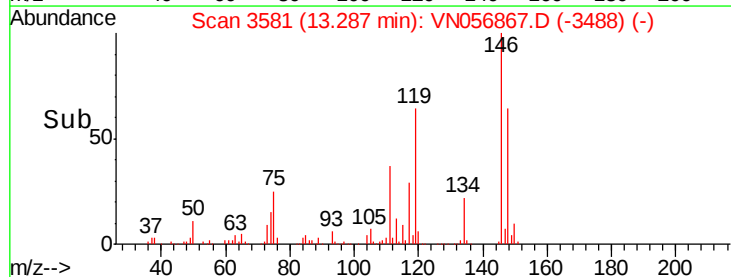
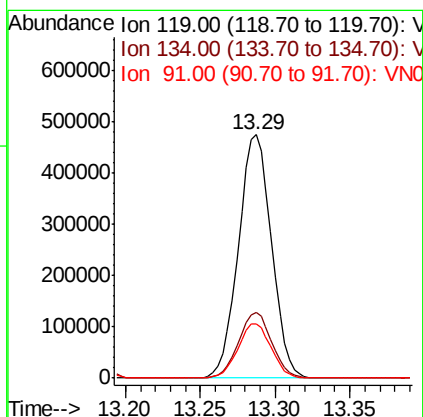
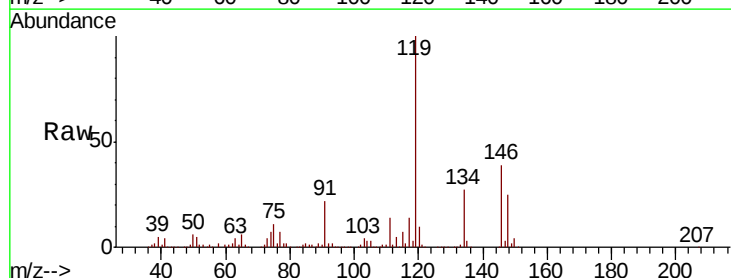
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

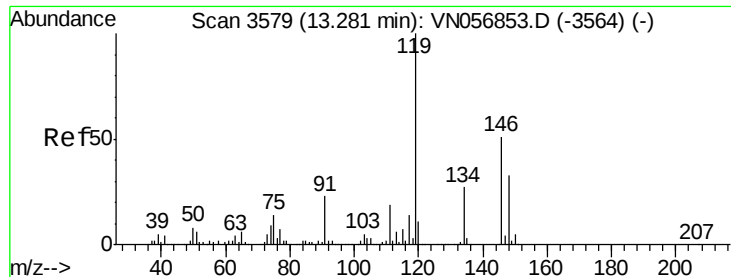
Tot Ion:105 Resp: 809733
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.581 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion:119 Resp: 729234
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.5 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.780 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

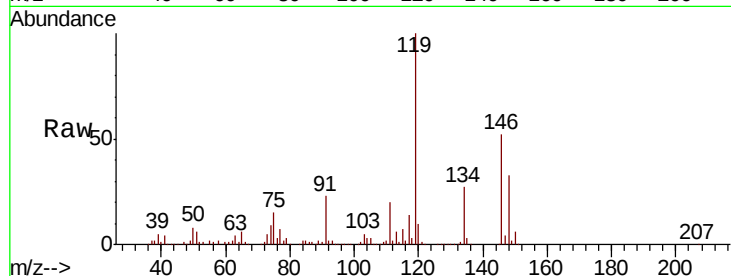
Tot Ion:146 Resp: 360232

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.5

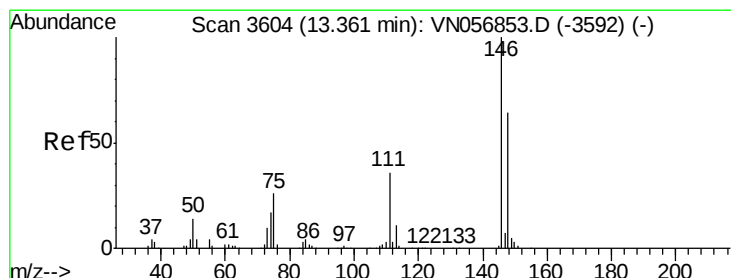
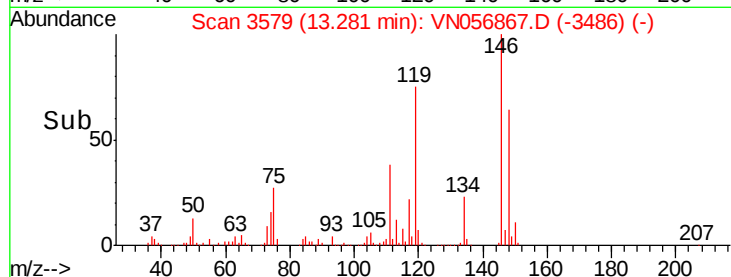
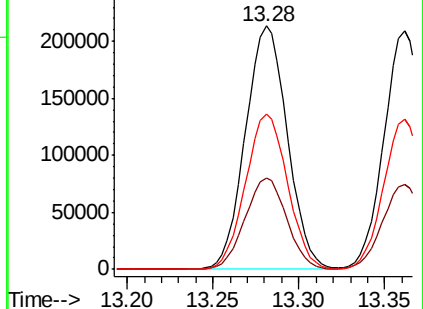
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.592 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

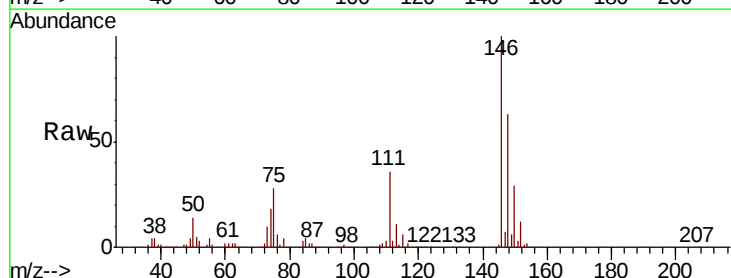
Tgt Ion:146 Resp: 348637

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.9

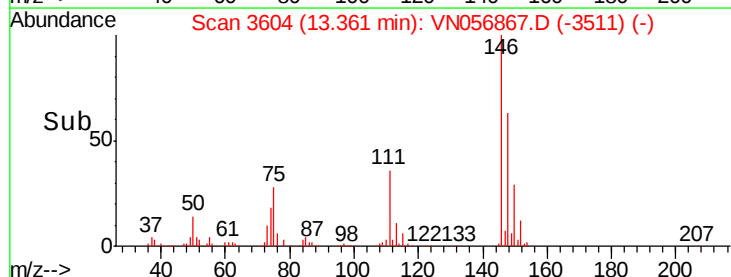
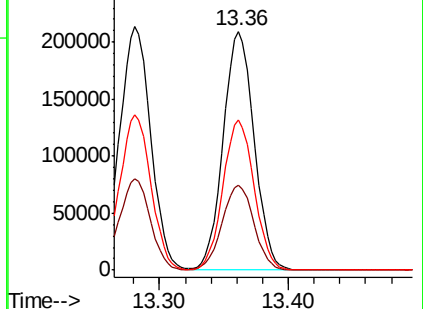
148 63.1 32.1 96.3

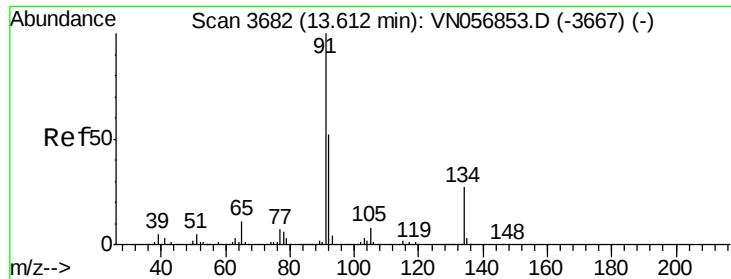


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

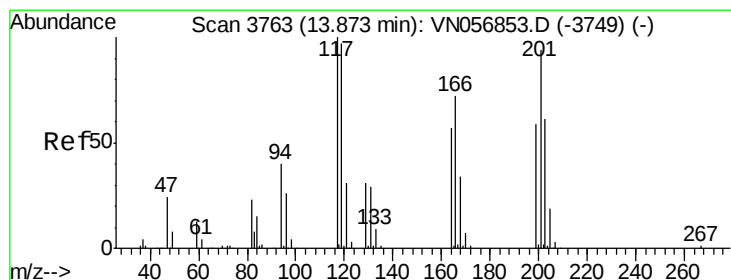
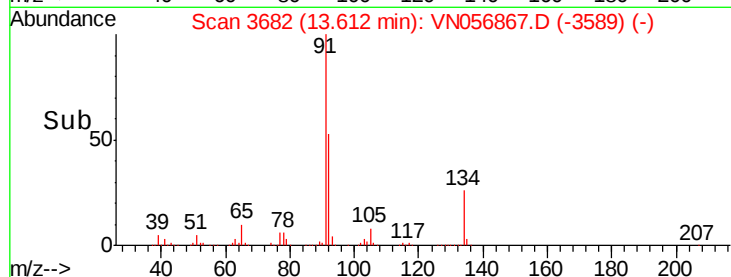
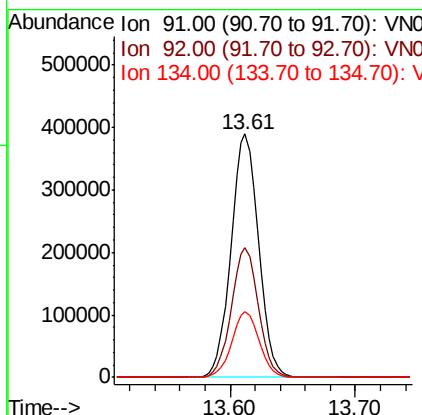
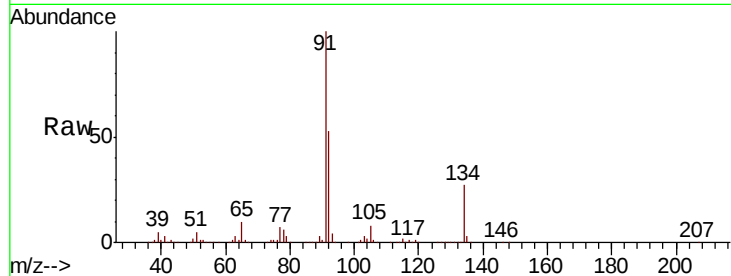




#89
n-Butylbenzene
Concen: 51.262 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

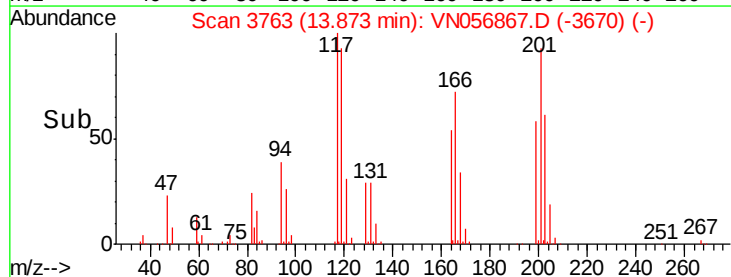
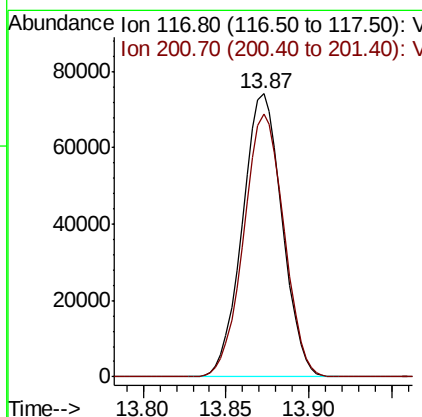
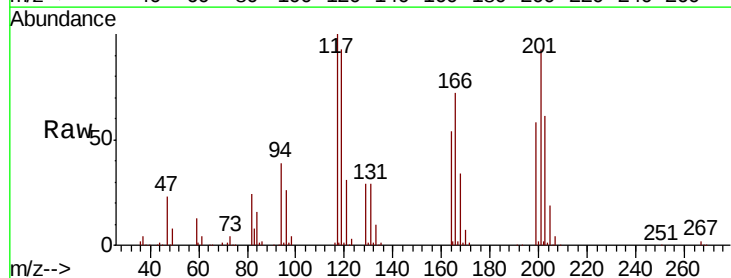
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

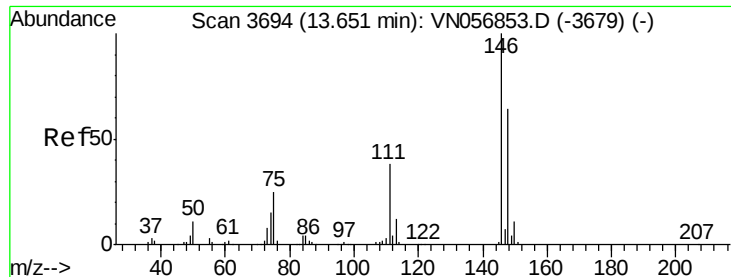
Tot Ion: 91 Resp: 591620
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 26.8 13.3 39.9



#90
Hexachloroethane
Concen: 47.207 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056867.D
Acq: 22 Jul 2019 20:37

Tgt Ion: 117 Resp: 123716
Ion Ratio Lower Upper
117 100
201 93.9 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 48.861 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

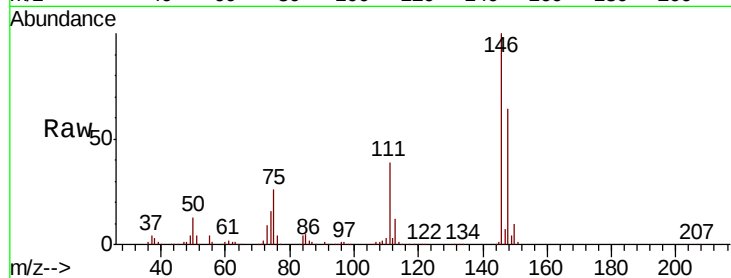
Tot Ion:146 Resp: 355393

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

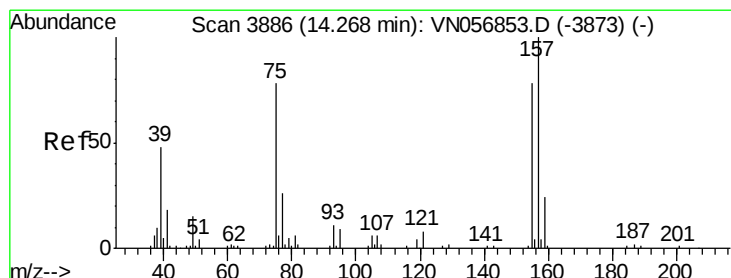
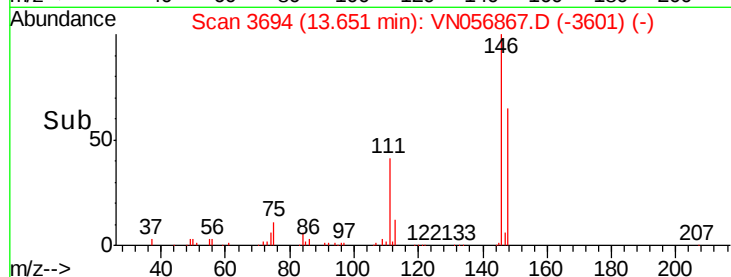
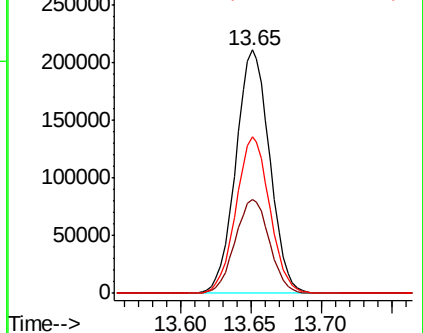
148 64.1 32.1 96.5



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: 48.585 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

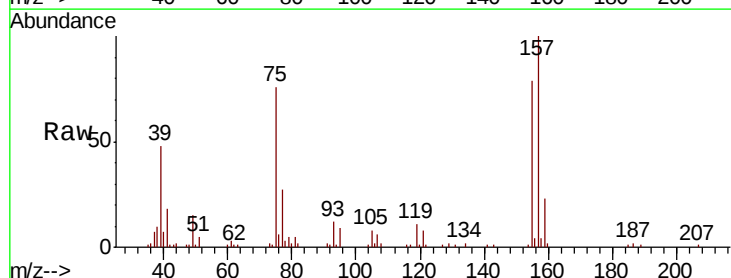
Tgt Ion: 75 Resp: 38475

Ion Ratio Lower Upper

75 100

155 101.2 49.9 149.6

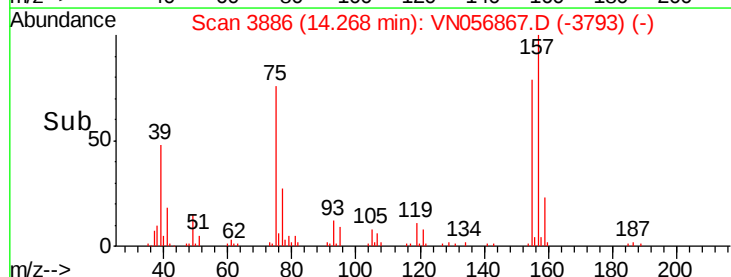
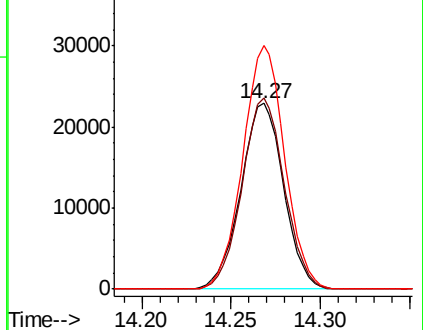
157 127.8 64.8 194.4

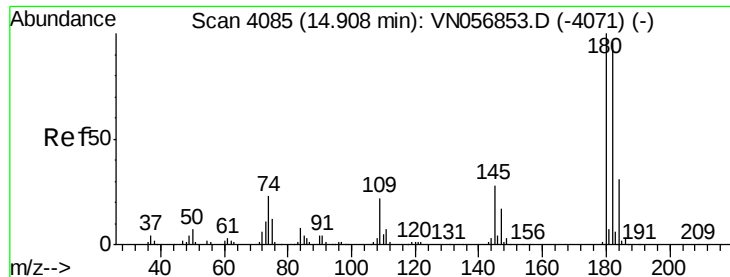


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

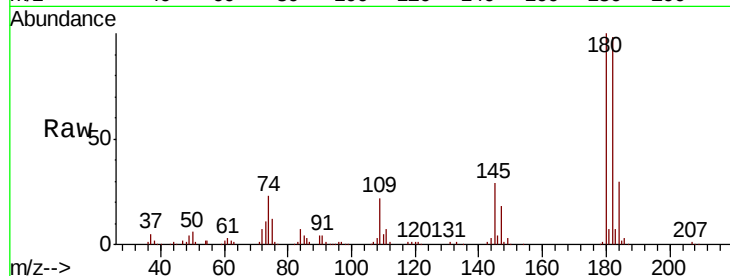




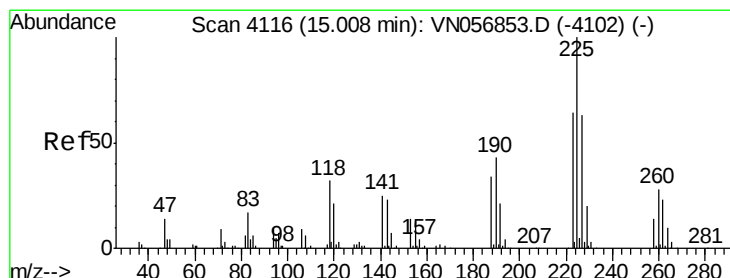
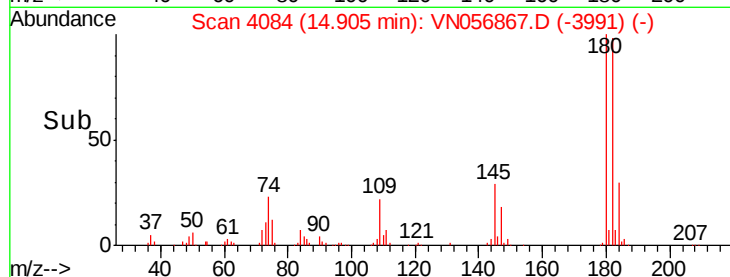
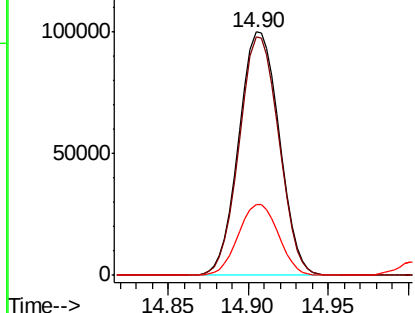
#93
 1,2,4-Trichlorobenzene
 Concen: 44.625 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 172569
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.7
 145 28.8 14.1 42.3

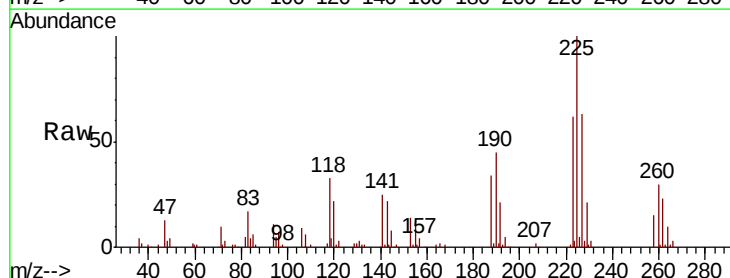


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

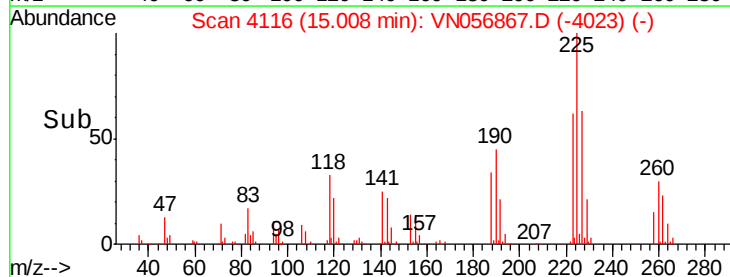
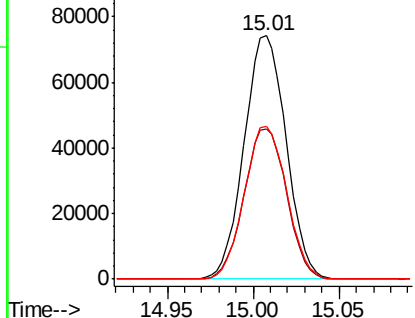


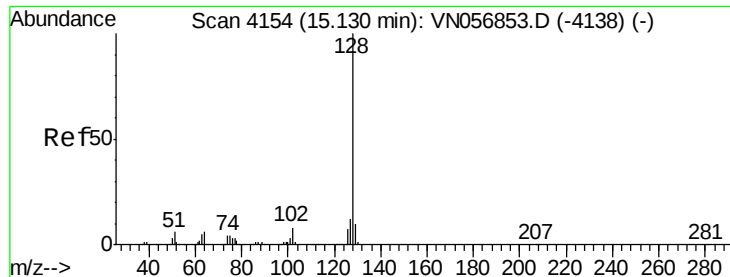
#94
 Hexachlorobutadiene
 Concen: 51.935 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056867.D
 Acq: 22 Jul 2019 20:37

Tgt Ion:225 Resp: 125736
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.5
 227 63.1 31.7 95.1



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





#95

Naphthalene

Concen: 45.929 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

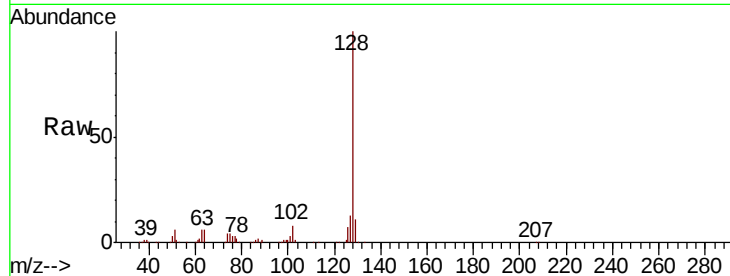
Tot Ion:128 Resp: 459372

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

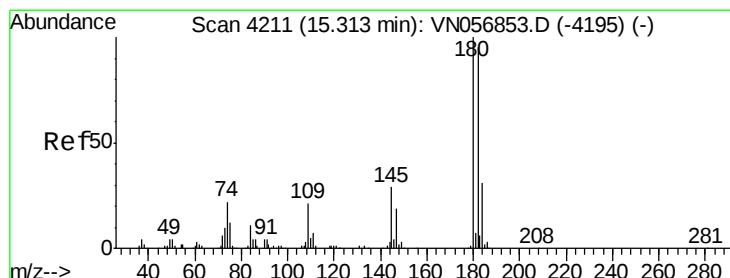
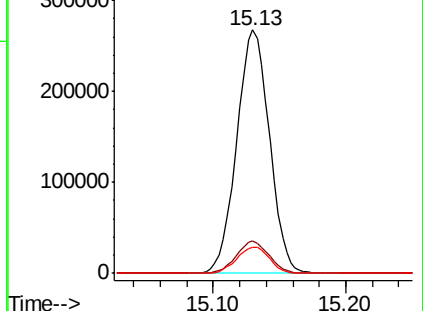
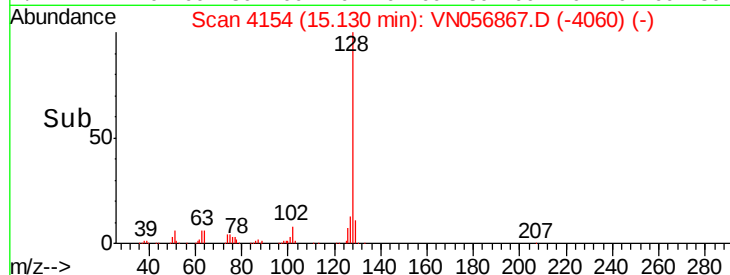
129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.603 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056867.D

Acq: 22 Jul 2019 20:37

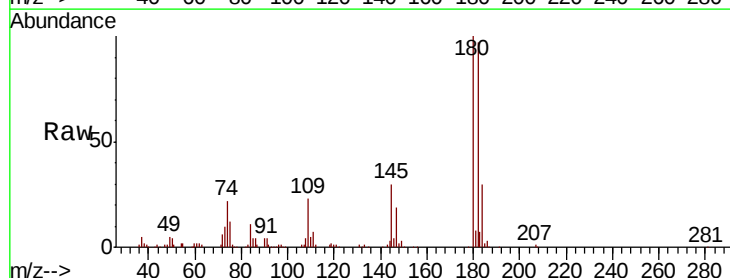
Tgt Ion:180 Resp: 185330

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.3

145 29.9 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

