

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055448.D
 Acq On : 7 May 2019 19:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 08 05:52:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	354380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	579522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217573	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	248989	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
35) Dibromofluoromethane	7.59	113	193710	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.09	98	684330	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	240389	56.00	ug/l	0.00
Spiked Amount			Recovery	=	112.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	200110	46.088	ug/l	100
3) Chloromethane	2.06	50	238052	44.277	ug/l	98
4) Vinyl Chloride	2.19	62	193510	44.651	ug/l	97
5) Bromomethane	2.54	94	122142	53.207	ug/l	97
6) Chloroethane	2.69	64	109614	46.689	ug/l	99
7) Trichlorofluoromethane	3.01	101	291466	47.297	ug/l	99
8) Diethyl Ether	3.41	74	119584	55.465	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	178275	48.580	ug/l	99
10) Methyl Iodide	3.95	142	244130	47.271	ug/l	98
11) Tert butyl alcohol	4.80	59	114461	431.230	ug/l #	84
12) 1,1-Dichloroethene	3.74	96	168921	48.254	ug/l	98
13) Acrolein	3.61	56	70528	340.237	ug/l	97
14) Allyl chloride	4.33	41	380980	52.547	ug/l	97
15) Acrylonitrile	4.99	53	502899	337.075	ug/l	99
16) Acetone	3.82	43	415295	287.491	ug/l	98
17) Carbon Disulfide	4.05	76	351425	38.467	ug/l	99
18) Methyl Acetate	4.33	43	260817	74.628	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	605050	61.481	ug/l	100
20) Methylene Chloride	4.55	84	214807	48.718	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	178040	48.022	ug/l	95
22) Diisopropyl ether	5.95	45	832040	57.758	ug/l	96
23) Vinyl Acetate	5.90	43	2963424	313.876	ug/l	99
24) 1,1-Dichloroethane	5.85	63	400032	52.118	ug/l	99
25) 2-Butanone	6.84	43	646464	349.934	ug/l	99
26) 2,2-Dichloropropane	6.83	77	250718	47.303	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	221085	52.438	ug/l	99
28) Bromochloromethane	7.20	49	195818	50.613	ug/l	96
29) Tetrahydrofuran	7.22	42	422341	357.028	ug/l	100
30) Chloroform	7.37	83	383341	52.686	ug/l	99
31) Cyclohexane	7.66	56	332625	45.612	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	303311	51.364	ug/l	100
36) 1,1-Dichloropropene	7.80	75	262468	47.284	ug/l	99
37) Ethyl Acetate	6.93	43	272745	64.110	ug/l	99
38) Carbon Tetrachloride	7.78	117	246151	45.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	286288	48.508	ug/l	97
40) Benzene	8.04	78	821975	50.232	ug/l	99
41) Methacrylonitrile	7.17	41	159231	68.872	ug/l	95
42) 1,2-Dichloroethane	8.13	62	310345	53.547	ug/l	100
43) Isopropyl Acetate	8.17	43	462607	67.663	ug/l	98
44) Trichloroethene	8.84	130	204307	48.976	ug/l	98
45) 1,2-Dichloropropane	9.12	63	246841	52.302	ug/l	97
46) Dibromomethane	9.21	93	139897	54.229	ug/l	99
47) Bromodichloromethane	9.40	83	292908	52.926	ug/l	98
48) Methyl methacrylate	9.20	41	223431	66.476	ug/l	99
49) 1,4-Dioxane	9.20	88	51379	1478.773	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1375986	357.464	ug/l	98
52) Toluene	10.16	92	481606	51.294	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	278788	58.028	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	329408	54.992	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	197423	56.624	ug/l	99
56) Ethyl methacrylate	10.43	69	286146	66.679	ug/l	99
57) 1,3-Dichloropropane	10.71	76	348746	57.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	395690	294.767	ug/l	99
59) 2-Hexanone	10.75	43	891973	370.351	ug/l	98
60) Dibromochloromethane	10.90	129	203867	57.212	ug/l	98
61) 1,2-Dibromoethane	11.01	107	189555	58.821	ug/l	100
64) Tetrachloroethene	10.63	164	203409	49.778	ug/l	98
65) Chlorobenzene	11.44	112	498009	50.975	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	198188	51.808	ug/l	100
67) Ethyl Benzene	11.51	91	923536	52.349	ug/l	100
68) m/p-Xylenes	11.62	106	672418	106.781	ug/l	99
69) o-Xylene	11.95	106	339610	54.411	ug/l	99
70) Styrene	11.96	104	567948	59.264	ug/l	100
71) Bromoform	12.13	173	132635	62.484	ug/l #	97
73) Isopropylbenzene	12.25	105	912209	52.874	ug/l	100
74) N-amyl acetate	12.07	43	364613	65.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	260126	61.044	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	314857	79.332	ug/l #	100
77) Bromobenzene	12.53	156	214922	51.865	ug/l	94
78) n-propylbenzene	12.59	91	1029786	46.077	ug/l	100
79) 2-Chlorotoluene	12.68	91	628638	53.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	782557	45.879	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60361	52.575	ug/l	88
82) 4-Chlorotoluene	12.77	91	609067	46.871	ug/l	98
83) tert-Butylbenzene	12.99	119	670166	55.849	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	743915	48.766	ug/l	100
85) sec-Butylbenzene	13.17	105	875842	47.242	ug/l	100
86) p-Isopropyltoluene	13.29	119	759800	49.863	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	356439	48.958	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	345160	50.342	ug/l	100
89) n-Butylbenzene	13.62	91	597363	55.170	ug/l	100
90) Hexachloroethane	13.87	117	123055	51.036	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	364628	50.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39981	69.848	ug/l	96

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QLast Update : Tue Apr 30 07:16:52 2019
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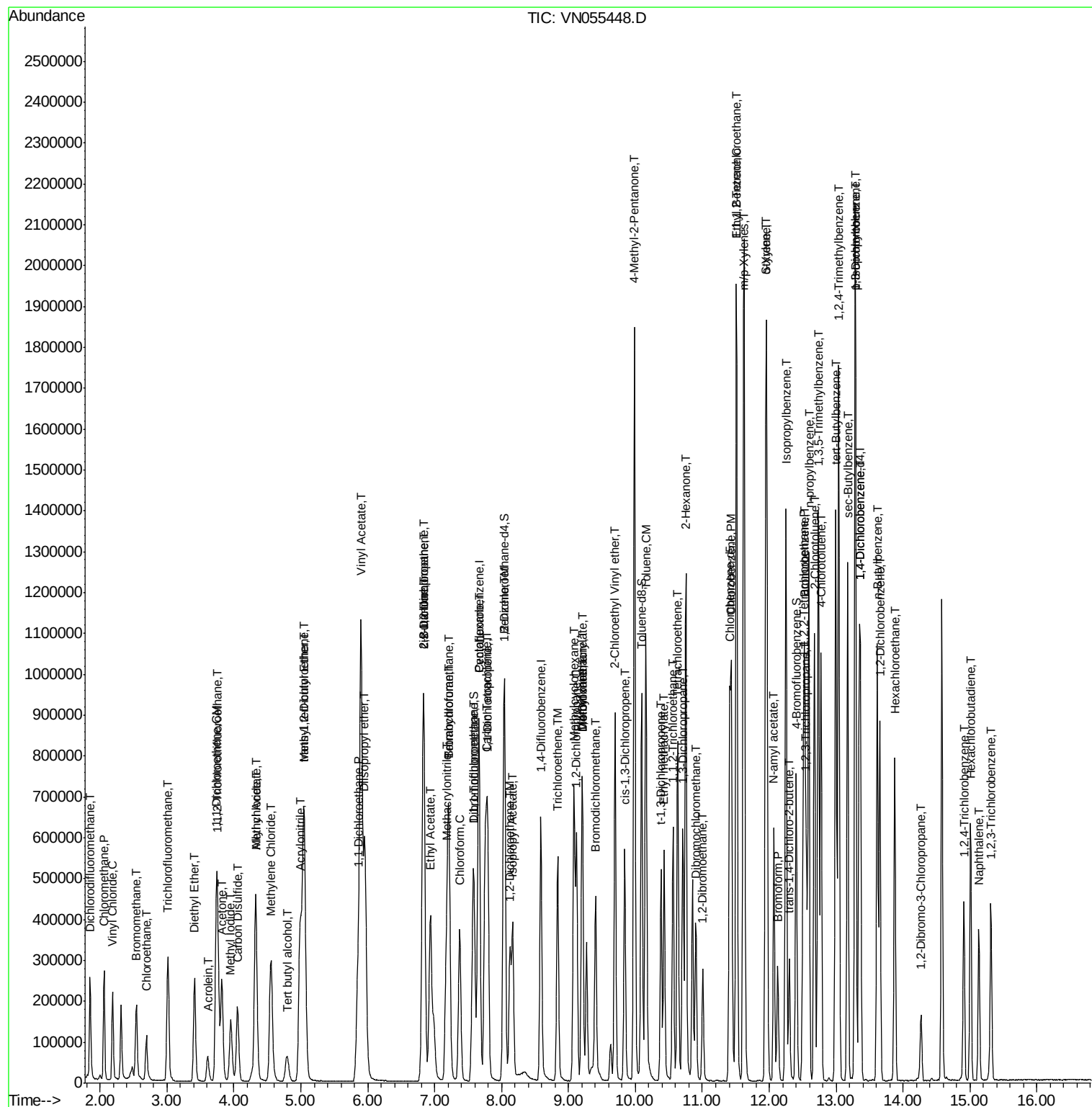
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	142132	49.965	ug/l	99
94) Hexachlorobutadiene	15.01	225	124279	57.665	ug/l	97
95) Naphthalene	15.13	128	309255	51.061	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147353	52.461	ug/l	99

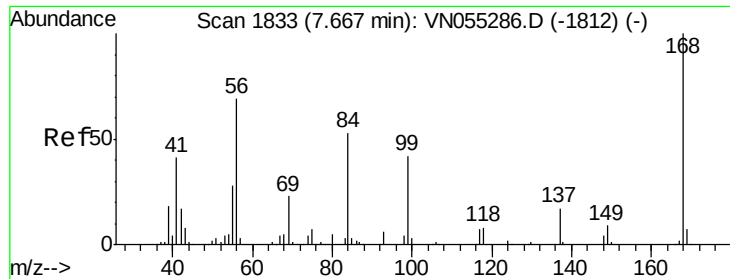
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

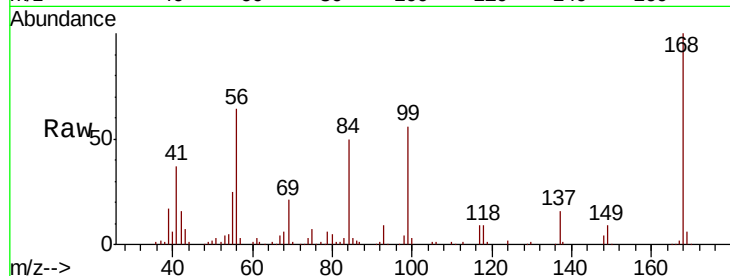
VSTDCCC050EC

Tot Ion:168 Resp: 354380

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

100000

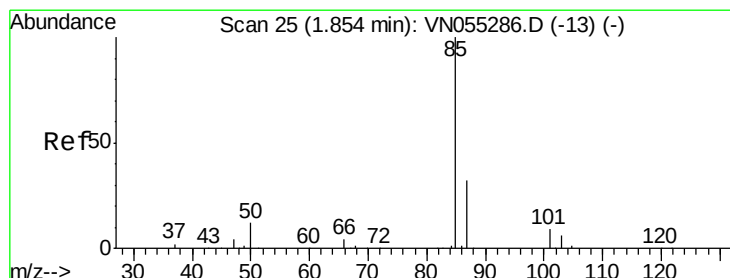
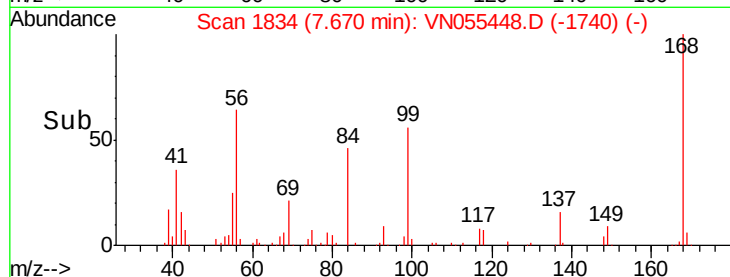
50000

0

7.67

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.088 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055448.D

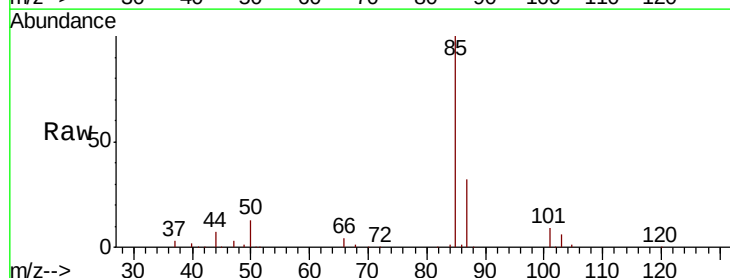
Acq: 7 May 2019 19:41

Tgt Ion: 85 Resp: 200110

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

150000

100000

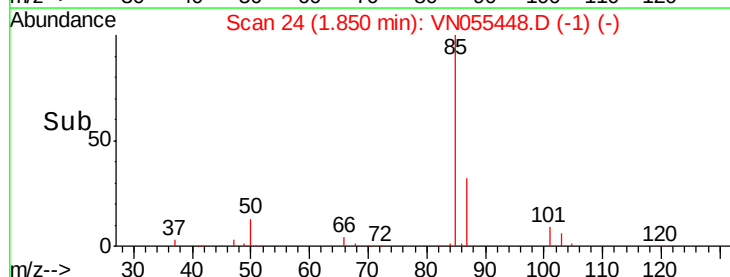
50000

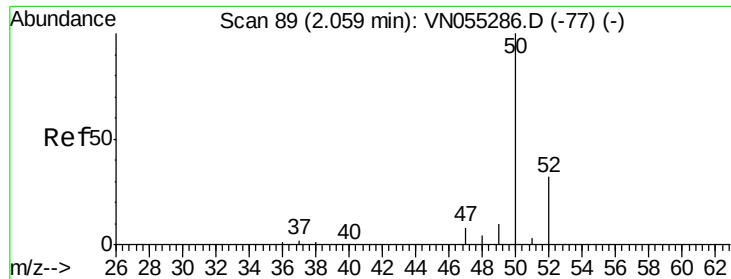
0

1.85

1.80 1.90 1.95

Time-->

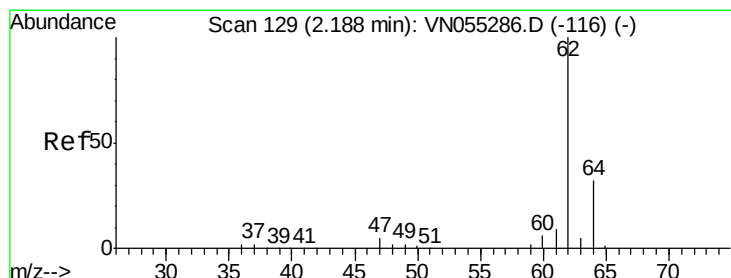
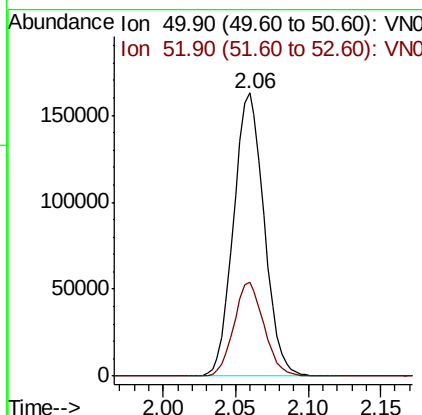
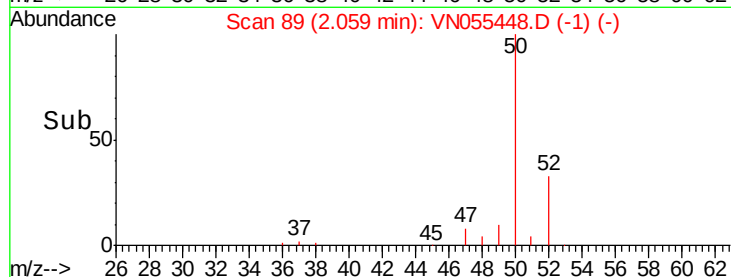
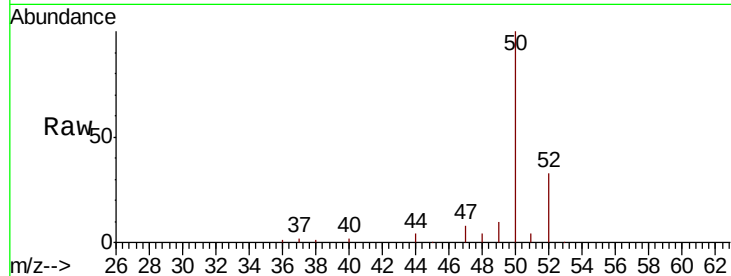




#3
 Chloromethane
 Concen: 44.277 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

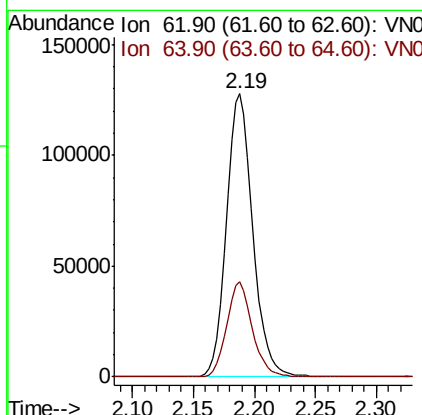
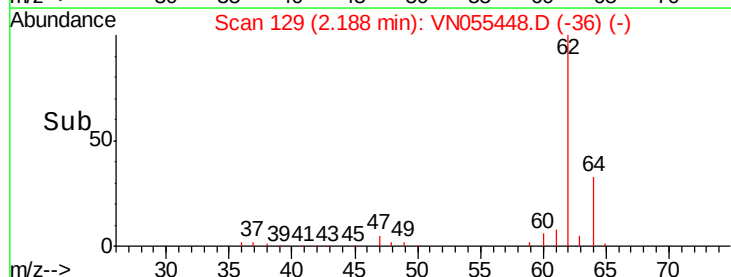
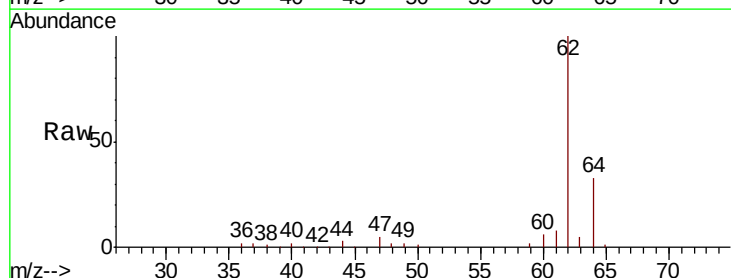
Instrument :
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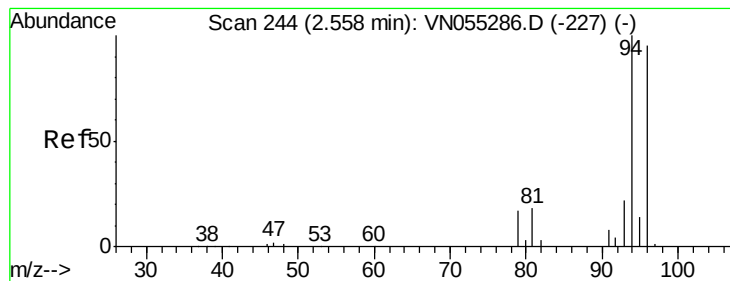
Tot Ion: 50 Resp: 238052
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.7 38.5



#4
 Vinyl Chloride
 Concen: 44.651 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 62 Resp: 193510
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.5 38.3





#5

Bromomethane

Concen: 53.207 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

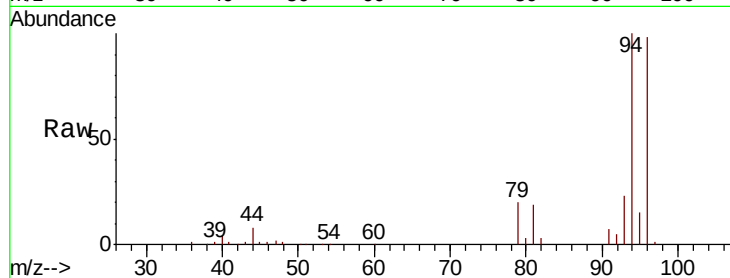
VSTDCCC050EC

Tot Ion: 94 Resp: 122142

Ion Ratio Lower Upper

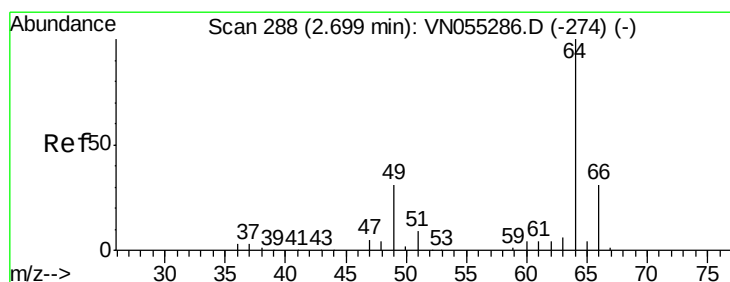
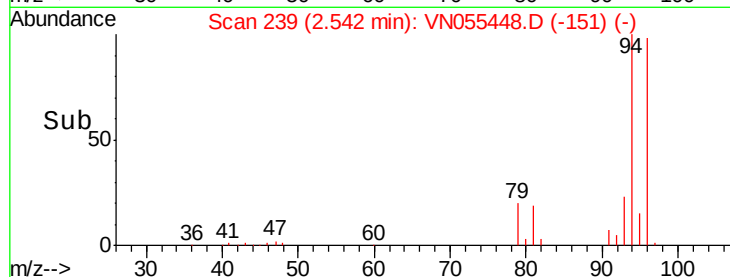
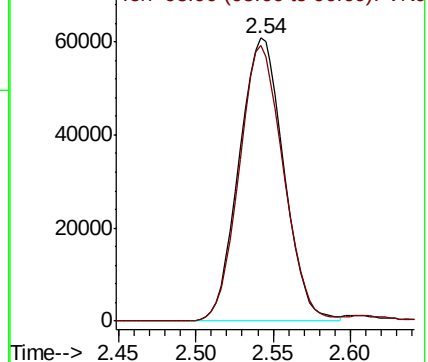
94 100

96 97.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.689 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055448.D

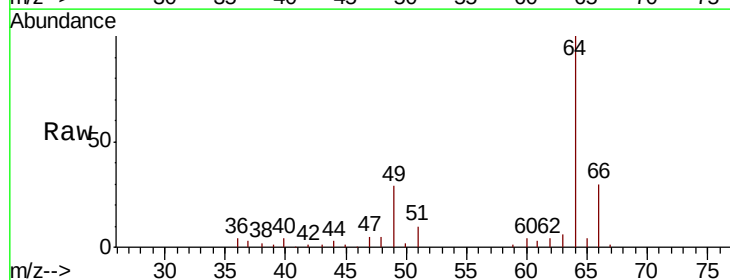
Acq: 7 May 2019 19:41

Tgt Ion: 64 Resp: 109614

Ion Ratio Lower Upper

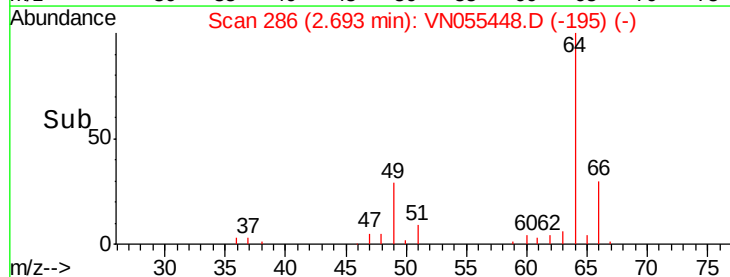
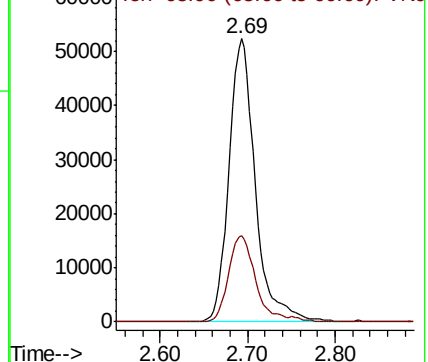
64 100

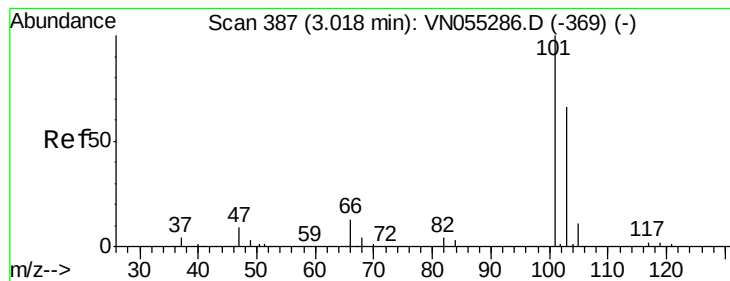
66 30.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



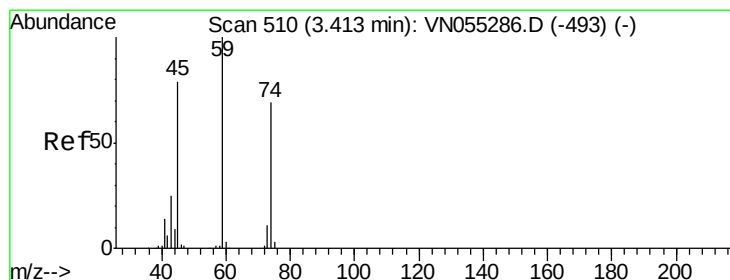
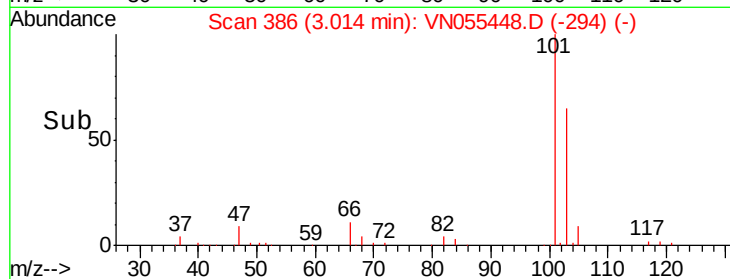
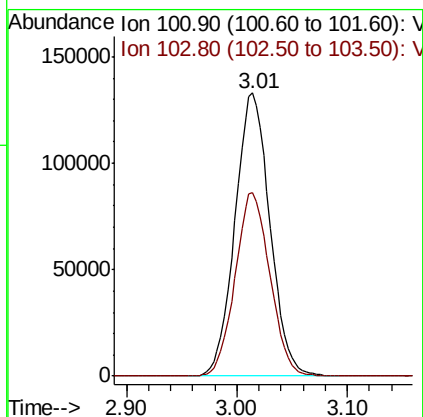
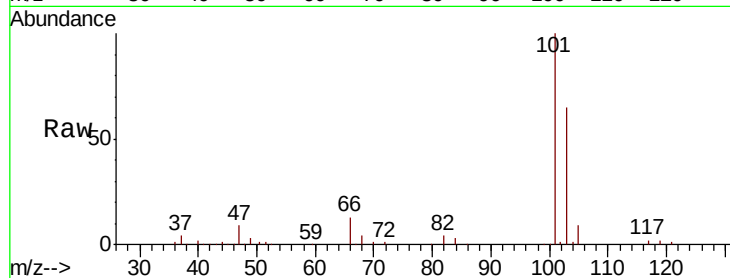


#7

Trichlorofluoromethane
Concen: 47.297 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN055448.D
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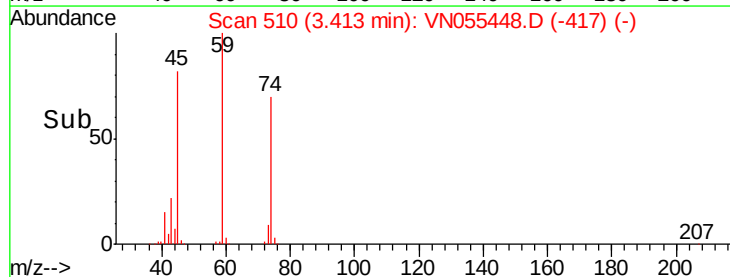
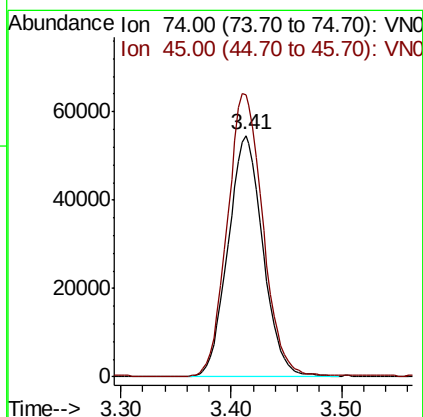
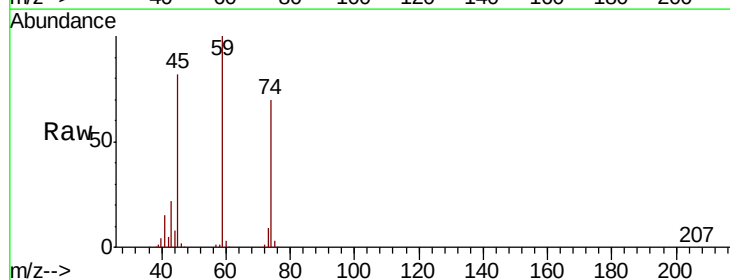
Tot Ion:101 Resp: 291466
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

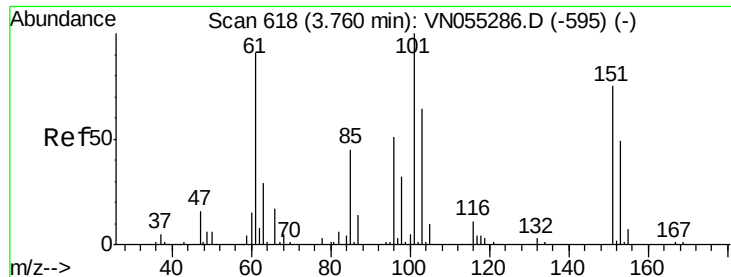


#8

Diethyl Ether
Concen: 55.465 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 74 Resp: 119584
Ion Ratio Lower Upper
74 100
45 120.3 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.580 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

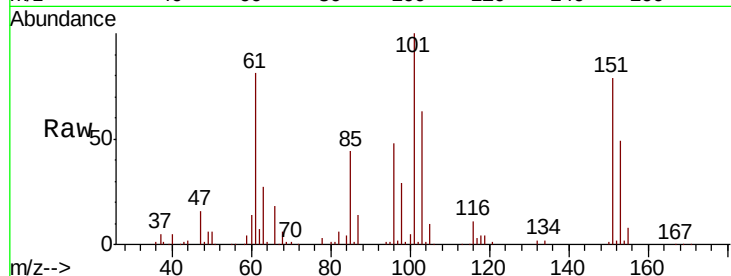
Tot Ion:101 Resp: 178275

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

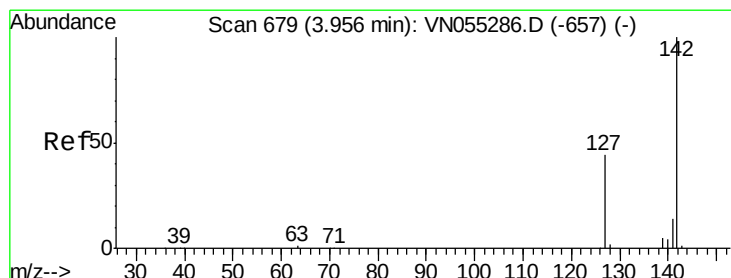
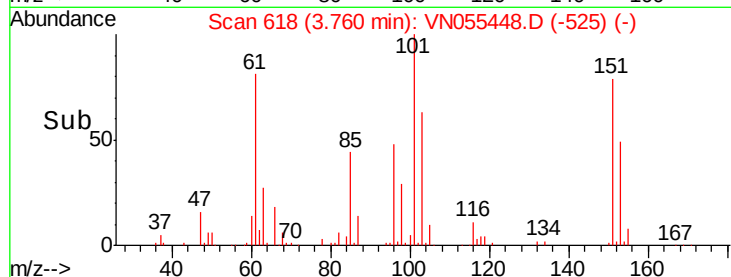
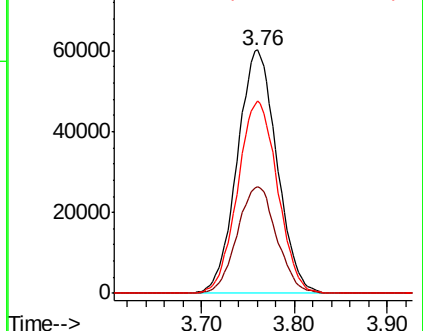
151 79.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.271 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

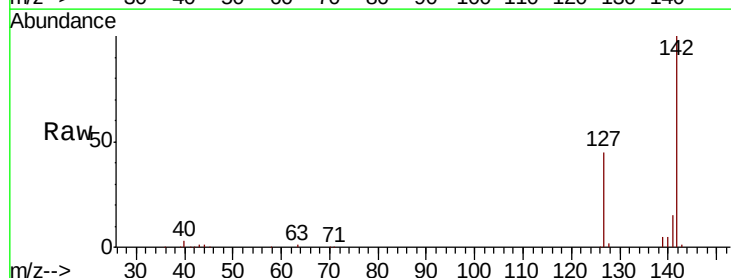
Tgt Ion:142 Resp: 244130

Ion Ratio Lower Upper

142 100

127 44.4 34.4 51.6

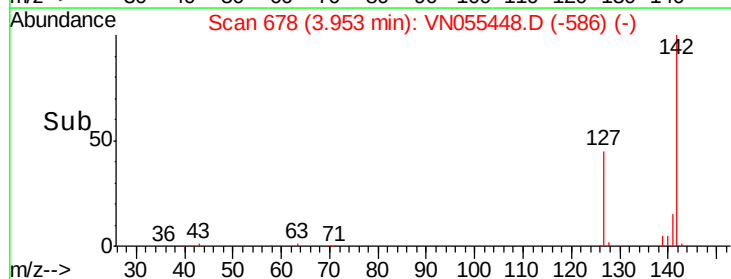
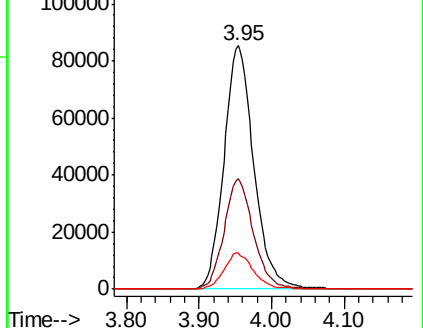
141 14.6 11.5 17.3

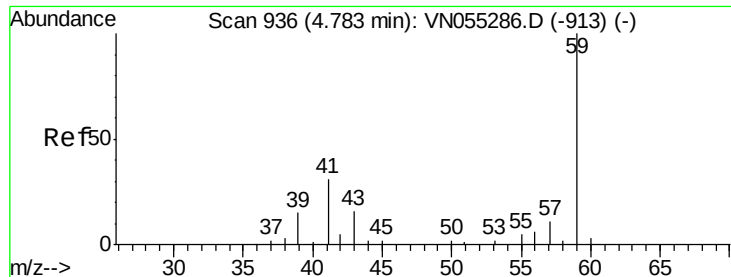


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



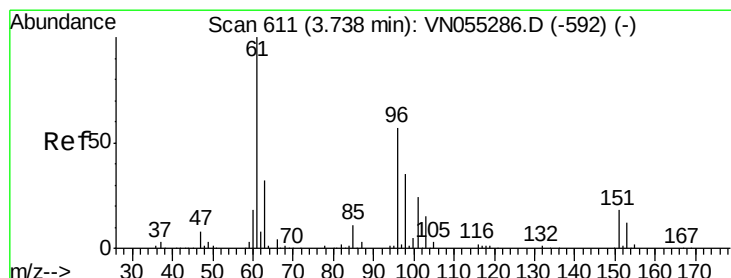
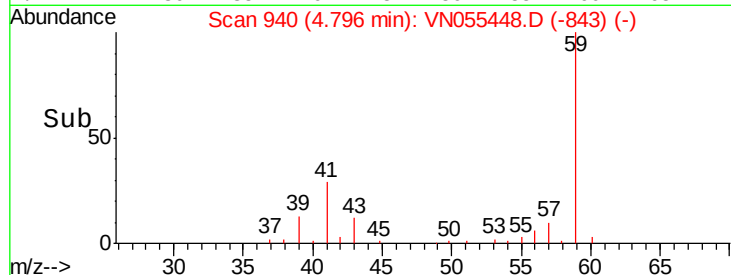
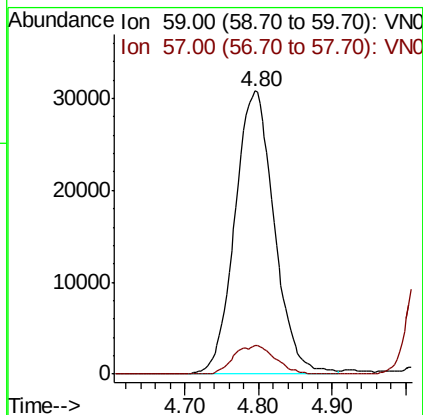
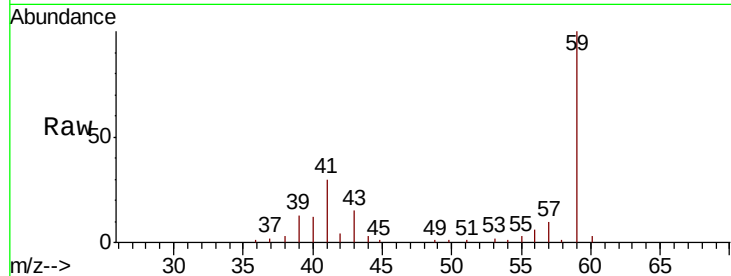


#11

Tert butyl alcohol
 Concen: 431.230 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

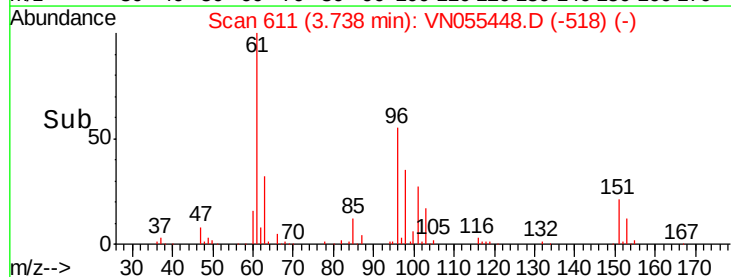
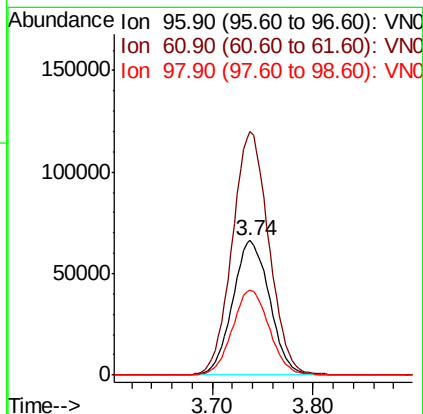
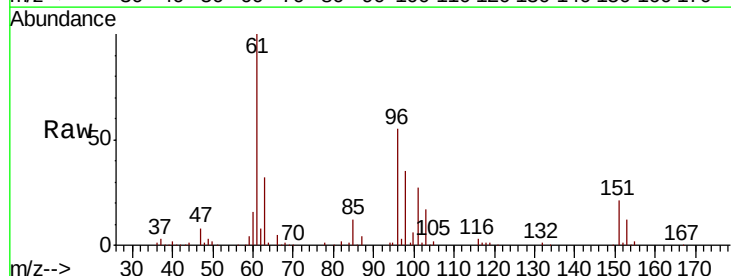
Tot Ion: 59 Resp: 114461
 Ion Ratio Lower Upper
 59 100
 57 4.1 8.2 12.2#

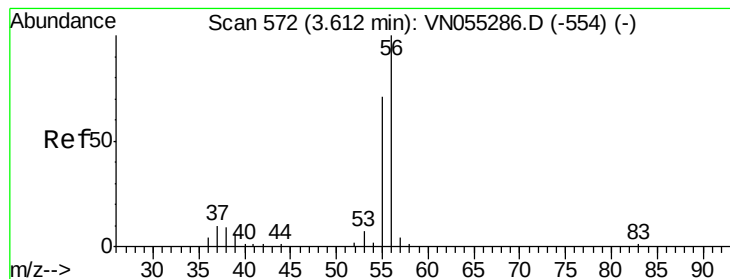


#12

1,1-Dichloroethene
 Concen: 48.254 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 96 Resp: 168921
 Ion Ratio Lower Upper
 96 100
 61 180.4 140.9 211.3
 98 62.6 50.0 75.0





#13

Acrolein

Concen: 340.237 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

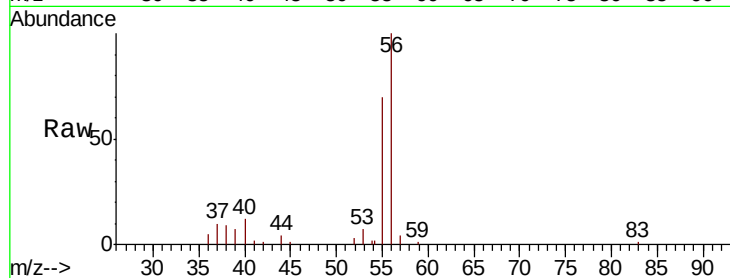
VSTDCCC050EC

Tot Ion: 56 Resp: 70528

Ion Ratio Lower Upper

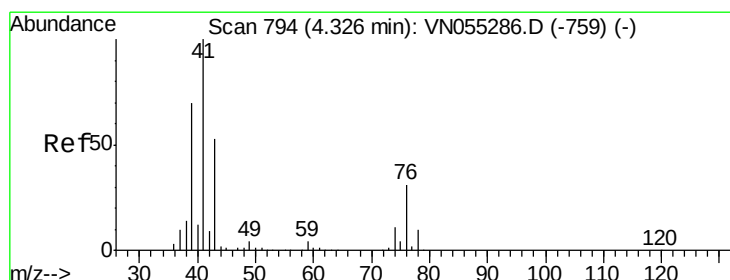
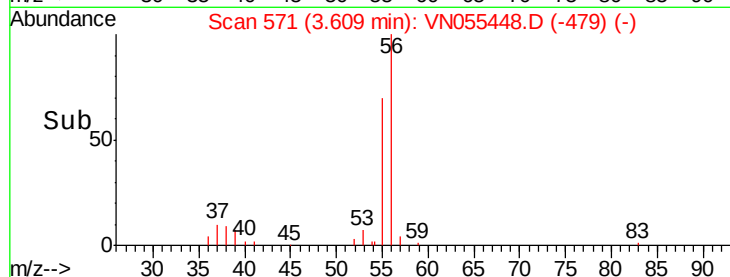
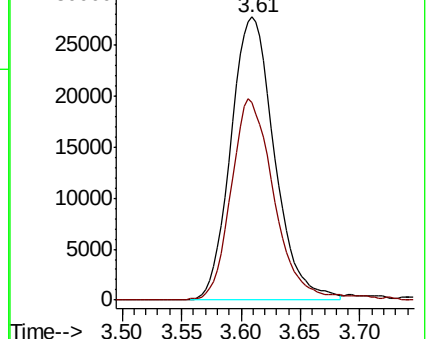
56 100

55 69.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.547 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

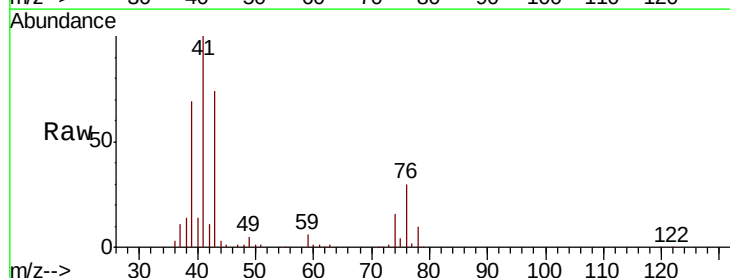
Tgt Ion: 41 Resp: 380980

Ion Ratio Lower Upper

41 100

39 64.0 53.0 79.6

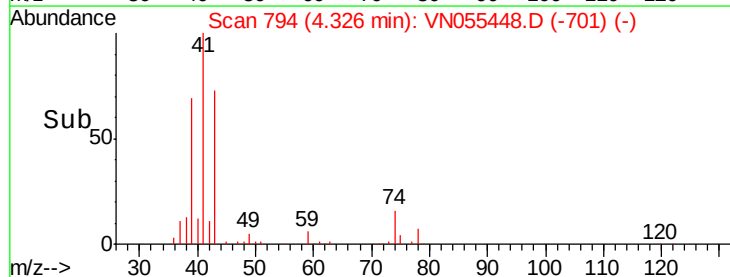
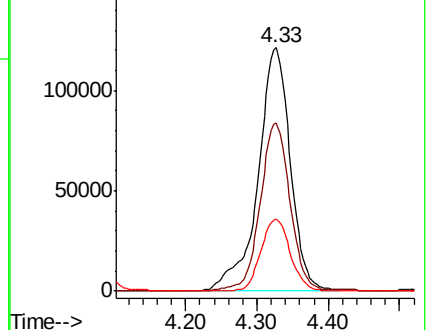
76 26.9 22.7 34.1

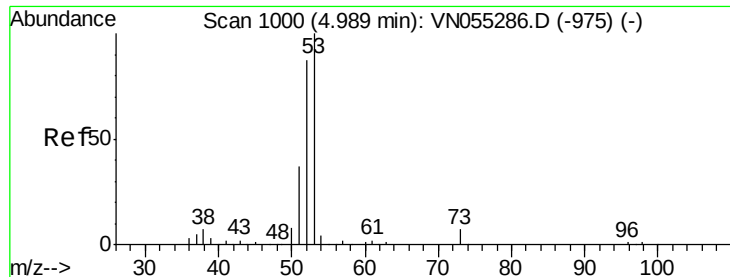


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 337.075 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

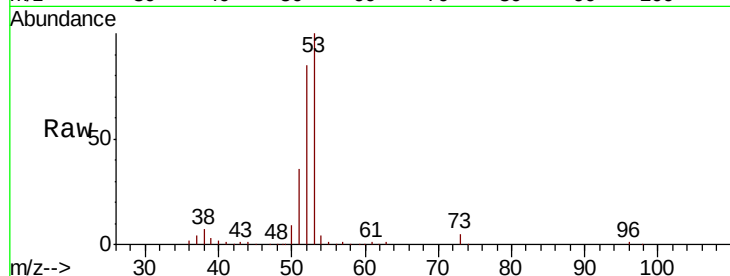
Tot Ion: 53 Resp: 502899

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

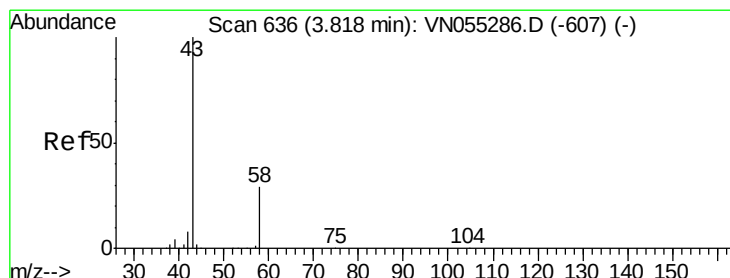
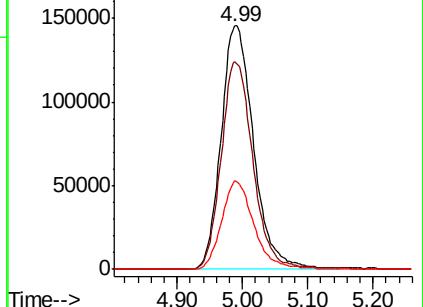
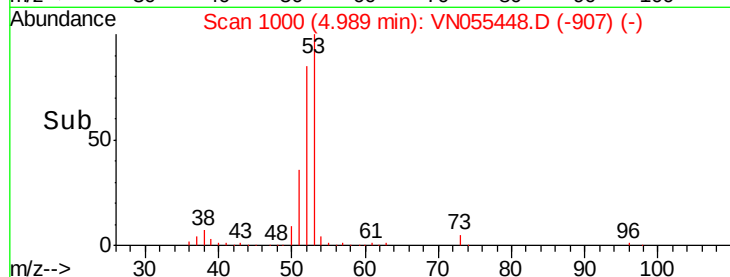
51 35.8 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055448.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN055448.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN055448.D (-907) (-)



#16

Acetone

Concen: 287.491 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055448.D

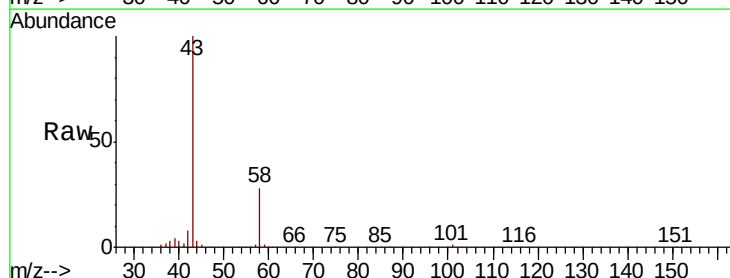
Acq: 7 May 2019 19:41

Tgt Ion: 43 Resp: 415295

Ion Ratio Lower Upper

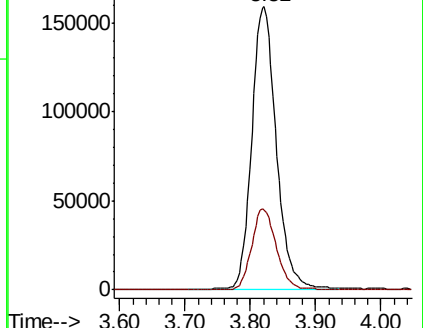
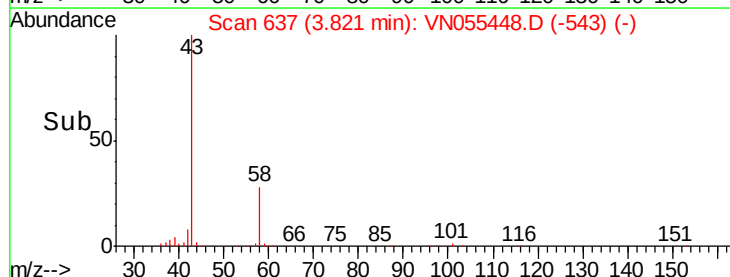
43 100

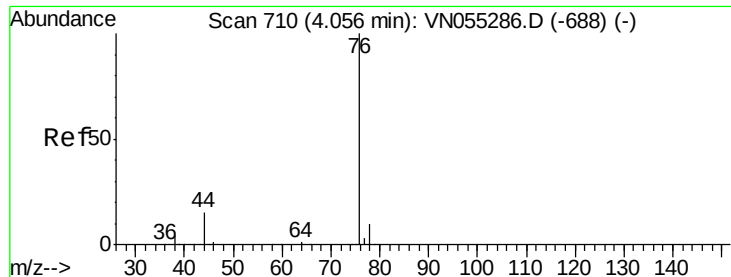
58 28.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055448.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055448.D (-543) (-)

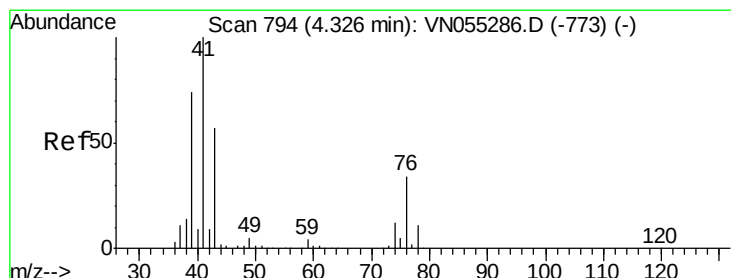
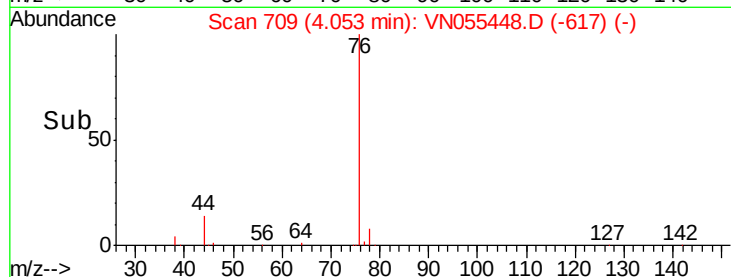
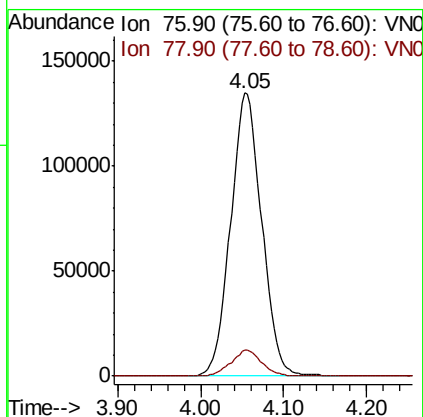
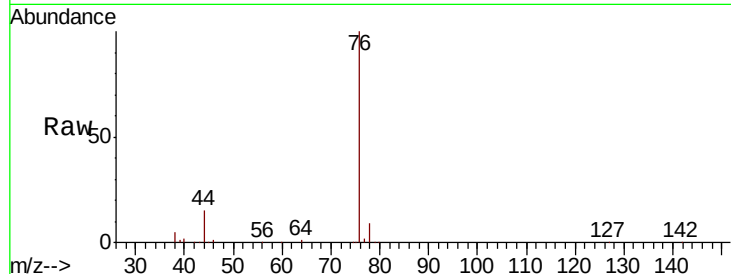




#17
Carbon Disulfide
Concen: 38.467 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

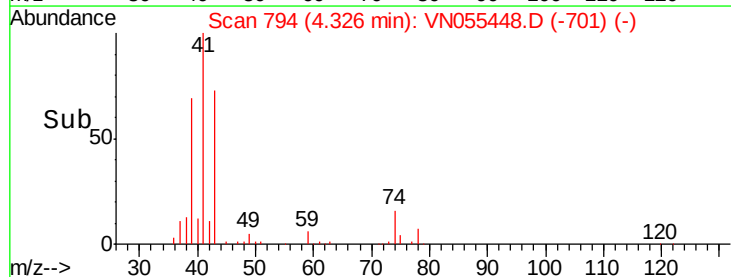
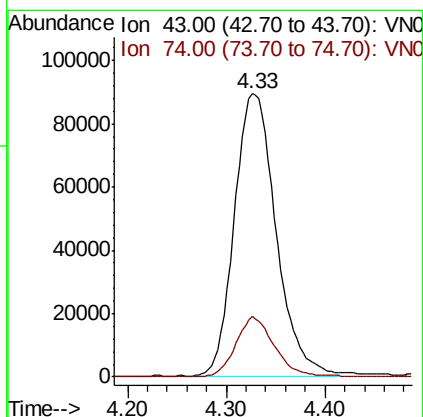
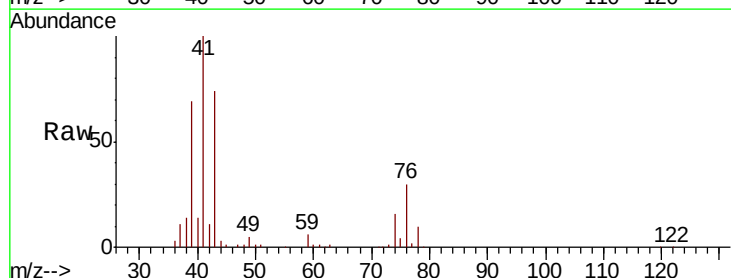
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

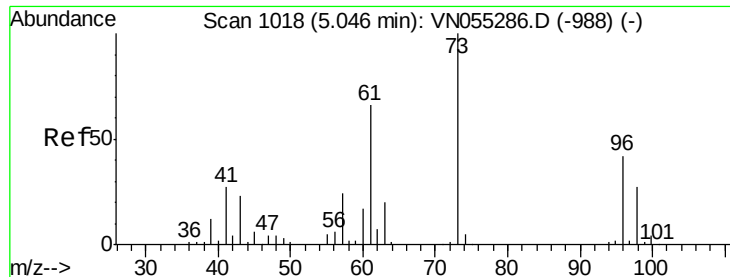
Tot Ion: 76 Resp: 351425
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 74.628 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 43 Resp: 260817
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.8

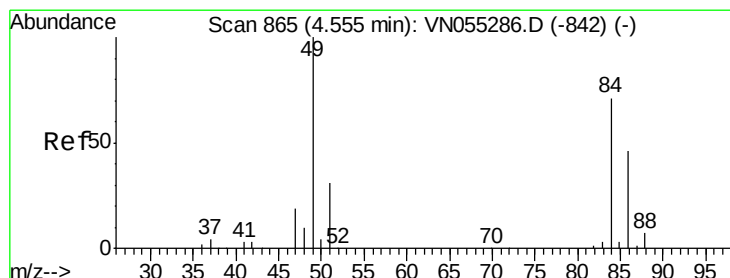
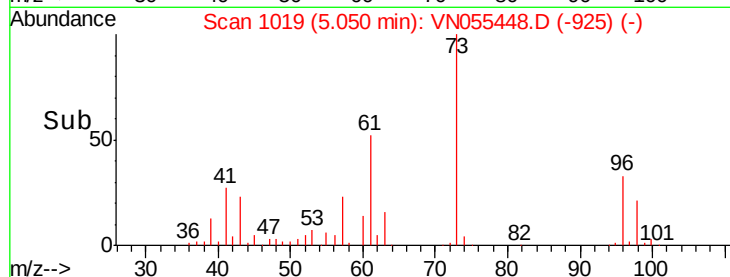
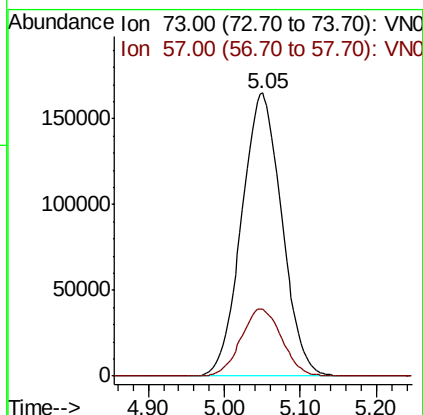
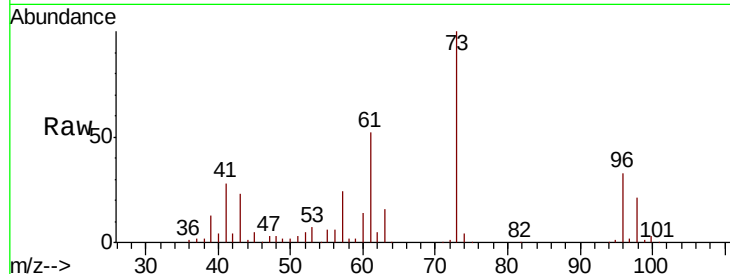




#19
Methyl tert-butyl Ether
Concen: 61.481 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

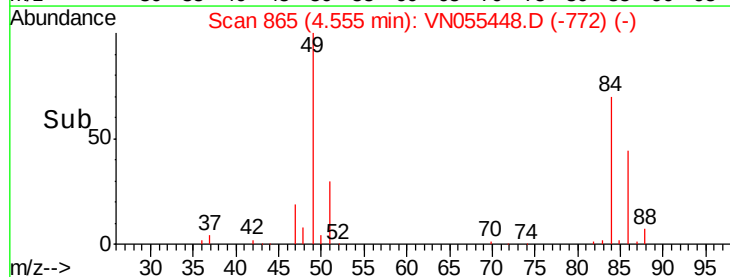
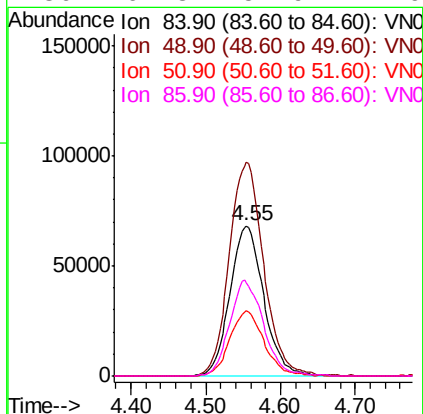
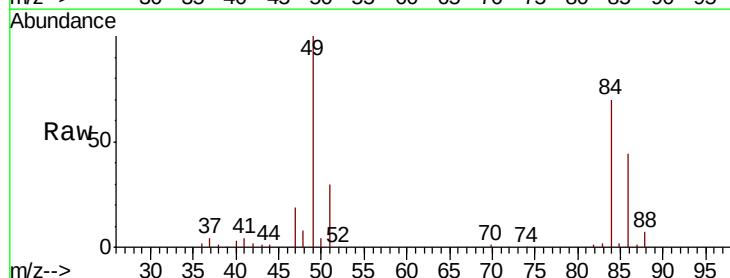
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

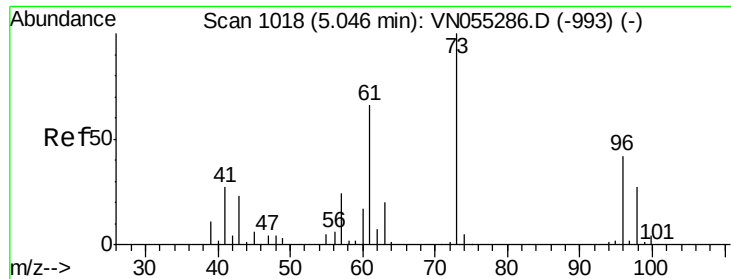
Tot Ion: 73 Resp: 605050
Ion Ratio Lower Upper
73 100
57 23.7 19.1 28.7



#20
Methylene Chloride
Concen: 48.718 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 84 Resp: 214807
Ion Ratio Lower Upper
84 100
49 142.2 112.4 168.6
51 43.1 34.6 51.8
86 62.3 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 48.022 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

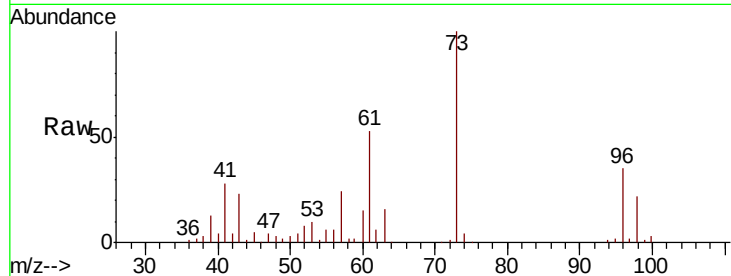
Tot Ion: 96 Resp: 178040

Ion Ratio Lower Upper

96 100

61 150.9 126.2 189.4

98 62.6 52.2 78.2

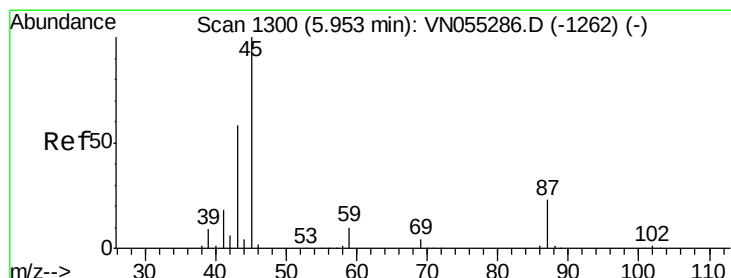
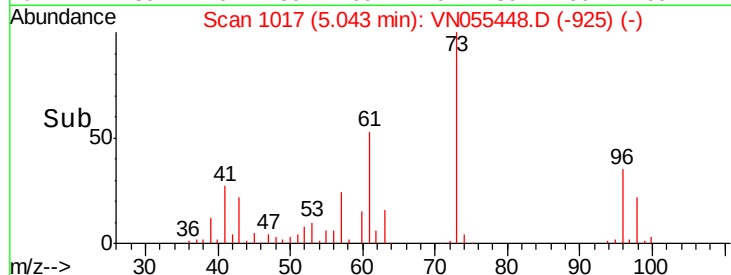
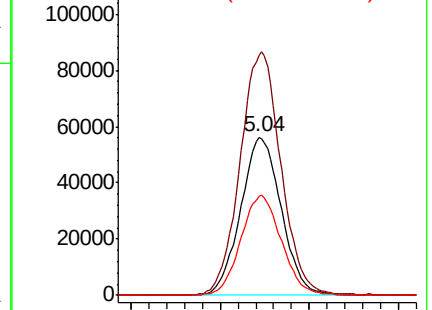


Abundance

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: 57.758 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Tgt Ion: 45 Resp: 832040

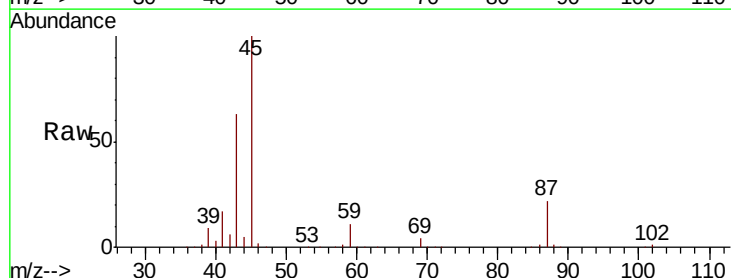
Ion Ratio Lower Upper

45 100

43 62.2 46.6 70.0

87 21.8 18.1 27.1

59 10.5 8.2 12.2



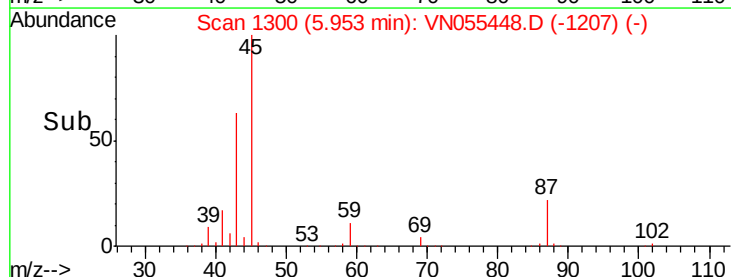
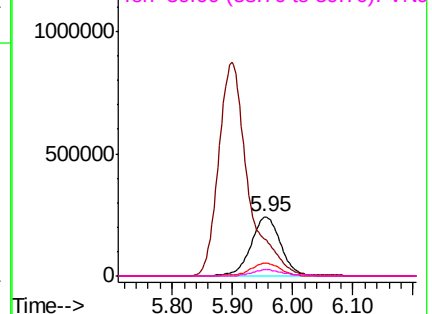
Abundance

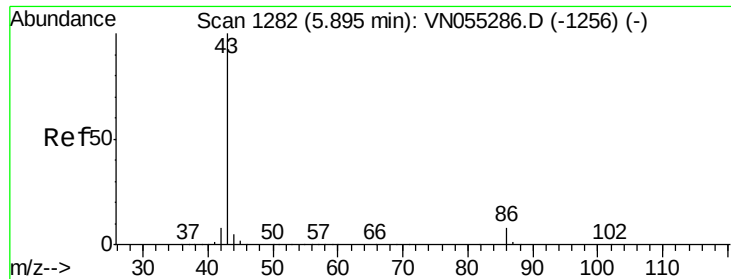
Ion 45.00 (44.70 to 45.70): VN0

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

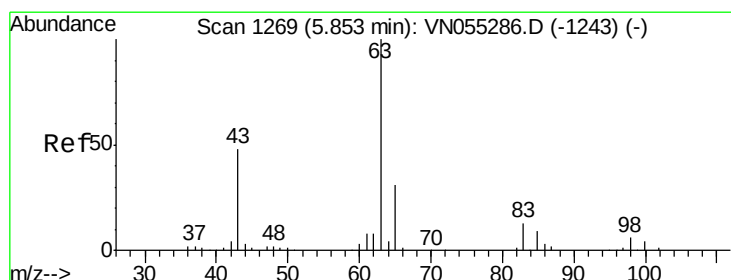
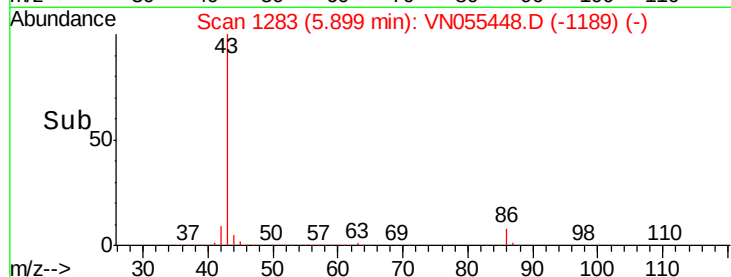
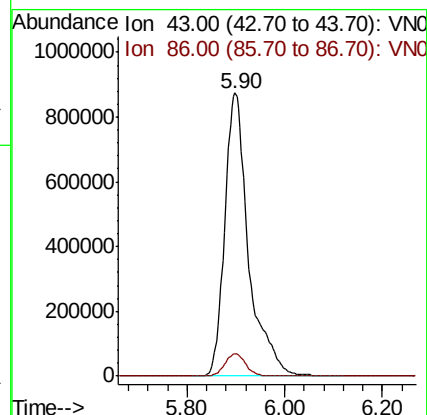
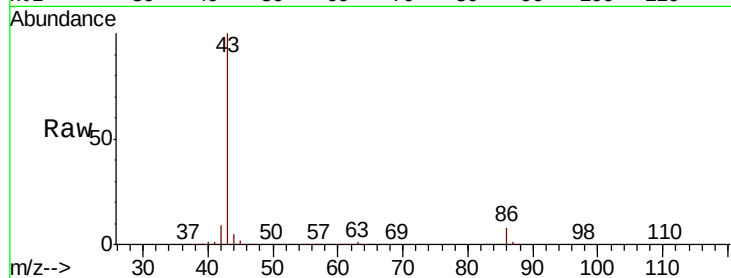




#23
 Vinyl Acetate
 Concen: 313.876 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

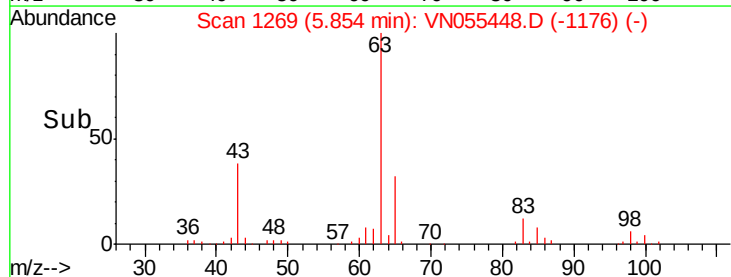
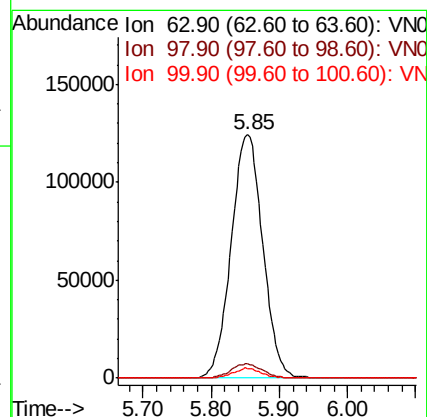
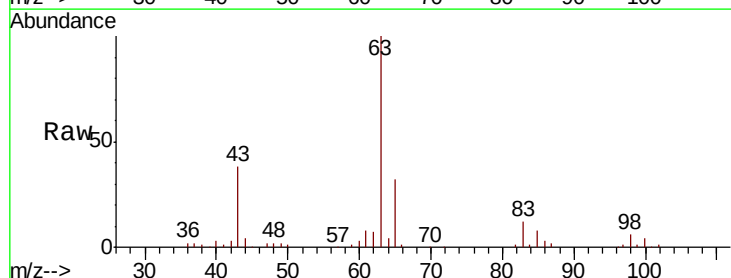
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

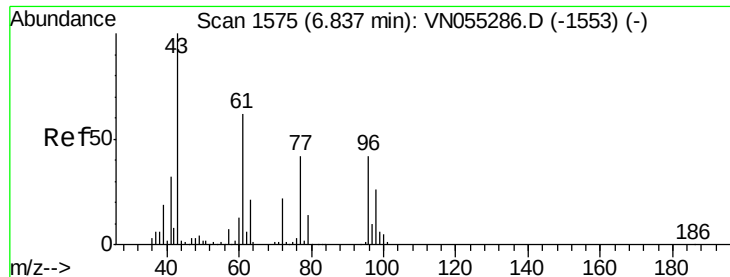
Tot Ion: 43 Resp: 2963424
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 52.118 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 63 Resp: 400032
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.0
 100 4.1 1.8 5.4





#25

2-Butanone

Concen: 349.934 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

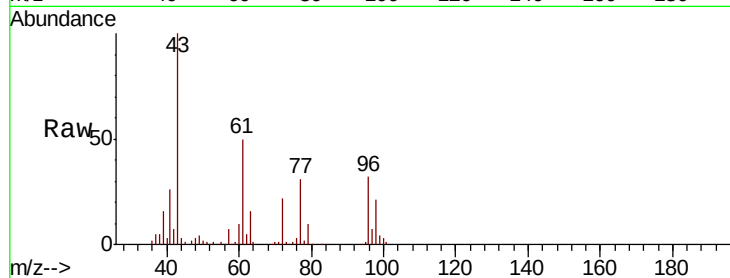
VSTDCCC050EC

Tot Ion: 43 Resp: 646464

Ion Ratio Lower Upper

43 100

72 22.0 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1553) (-)

Ion 72.00 (71.70 to 72.70): VN055286.D (-1553) (-)

6.84

250000

200000

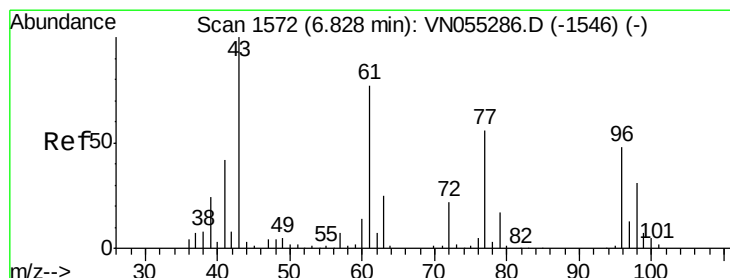
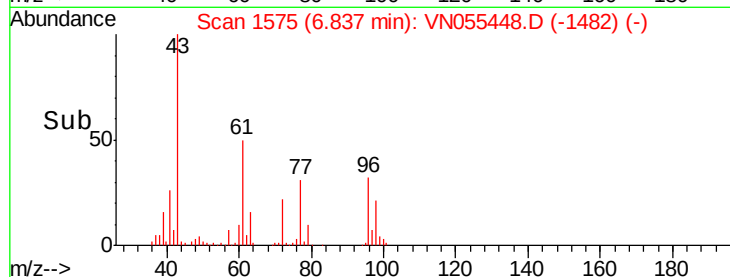
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 47.303 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055448.D

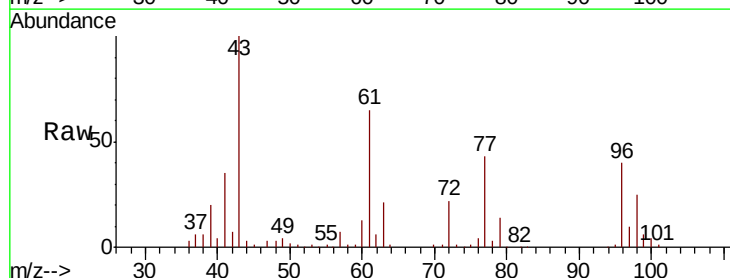
Acq: 7 May 2019 19:41

Tgt Ion: 77 Resp: 250718

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN055286.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN055286.D (-1546) (-)

6.83

80000

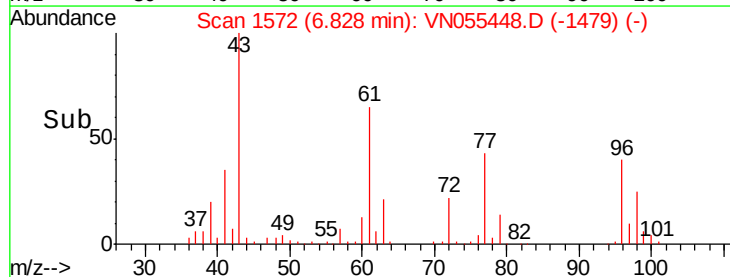
60000

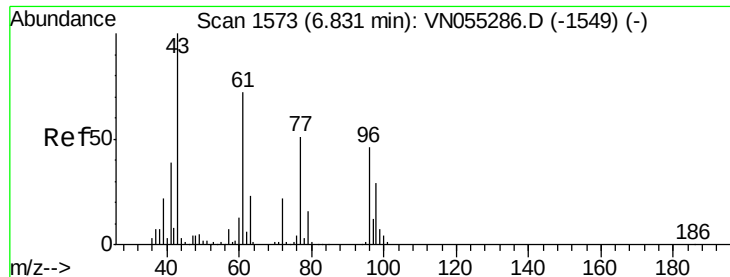
40000

20000

0

Time--> 6.70 6.80 6.90

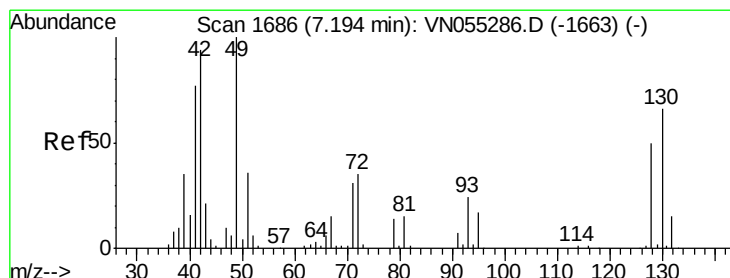
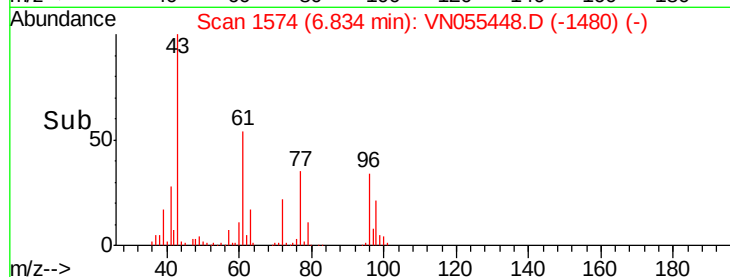
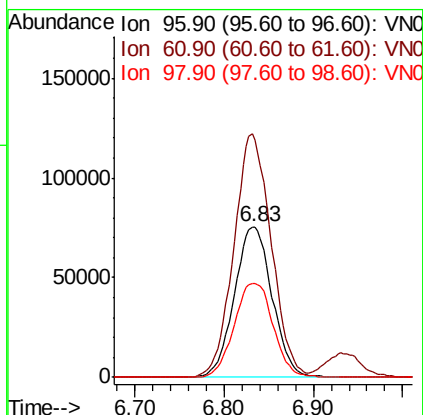
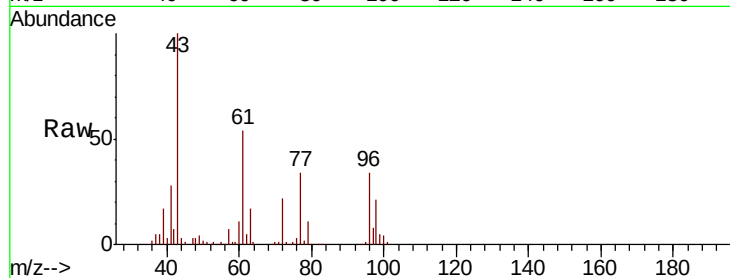




#27
 cis-1,2-Dichloroethene
 Concen: 52.438 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

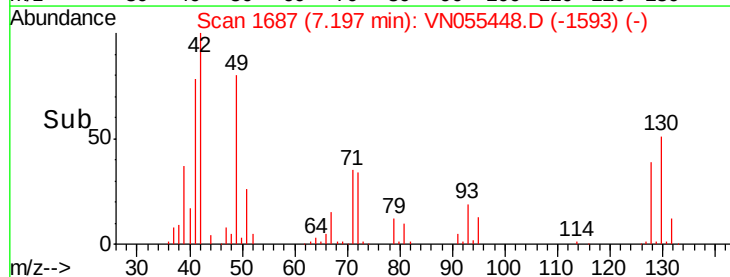
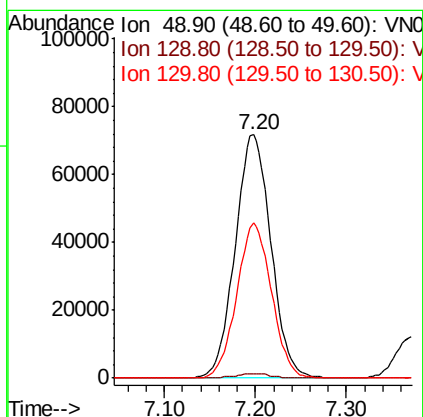
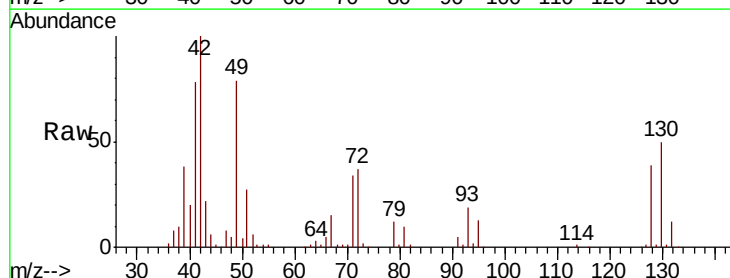
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

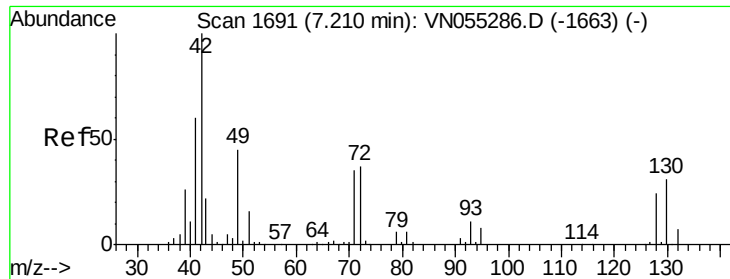
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	316.2
98	64.5	0.0	126.6



#28
 Bromochloromethane
 Concen: 50.613 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.4
130	61.9	52.0	78.0

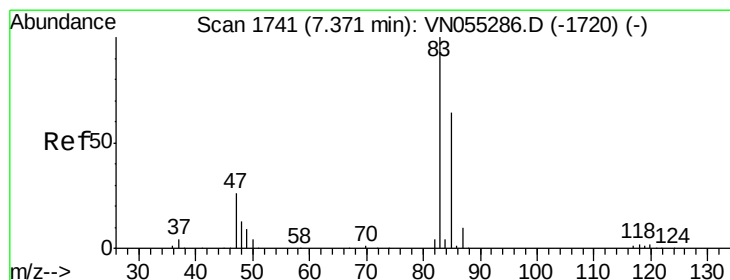
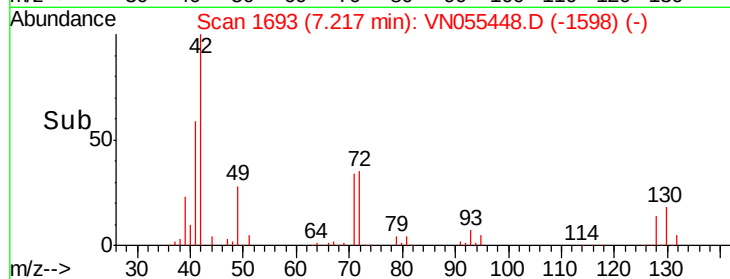
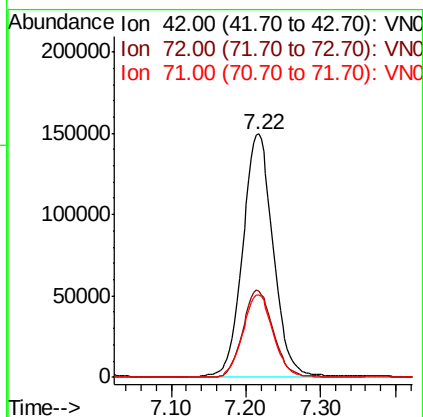
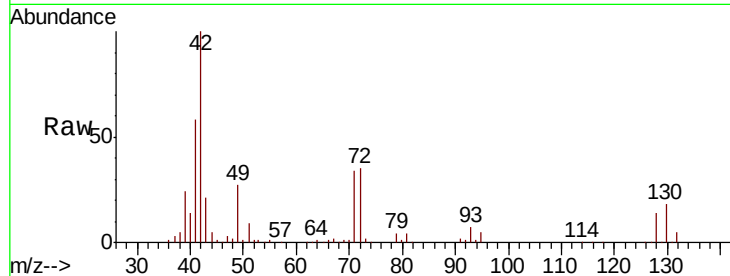




#29
Tetrahydrofuran
Concen: 357.028 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

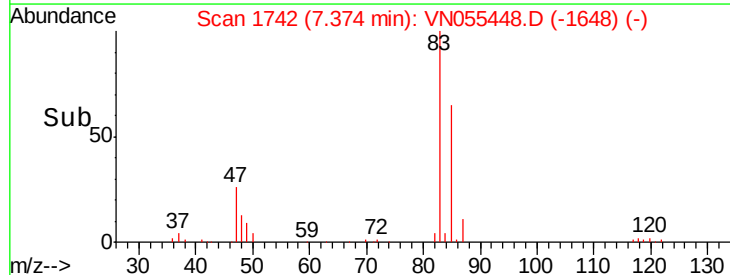
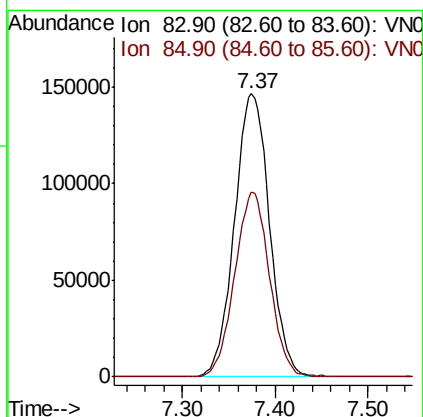
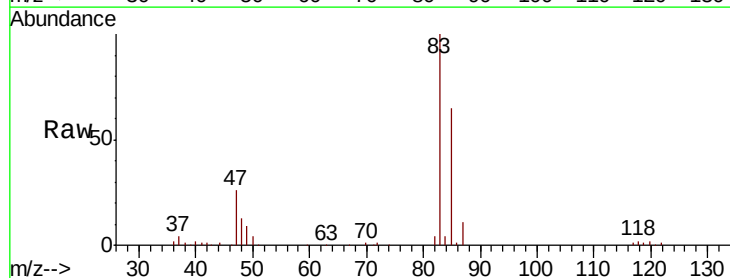
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

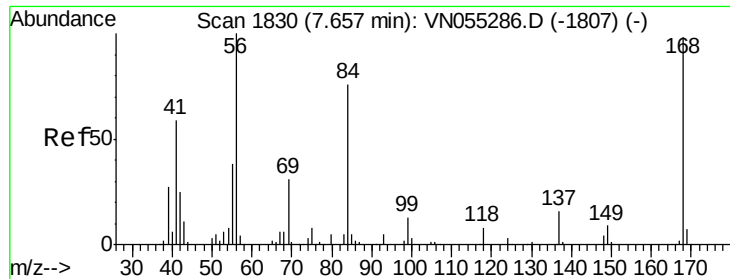
Tot Ion: 42 Resp: 422341
Ion Ratio Lower Upper
42 100
72 36.0 29.0 43.6
71 33.9 27.1 40.7



#30
Chloroform
Concen: 52.686 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 83 Resp: 383341
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.2

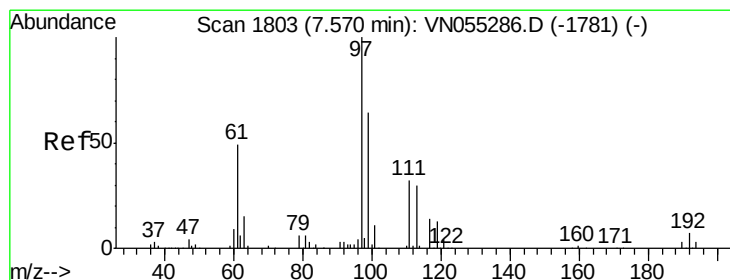
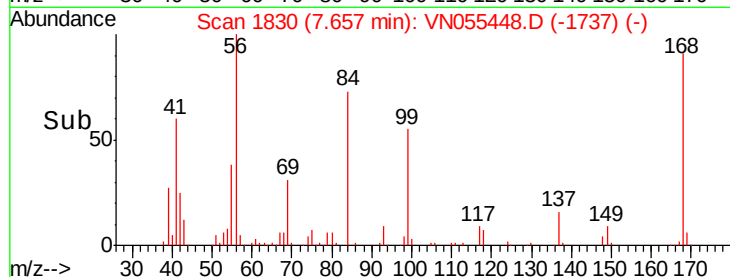
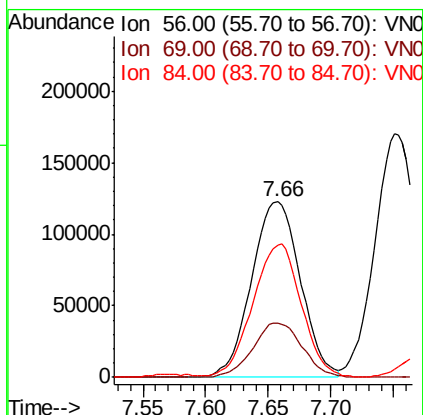
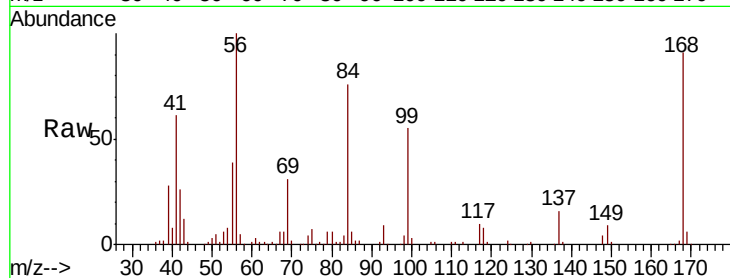




#31
Cyclohexane
Concen: 45.612 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

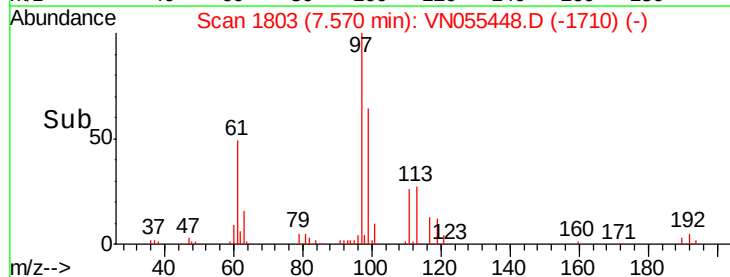
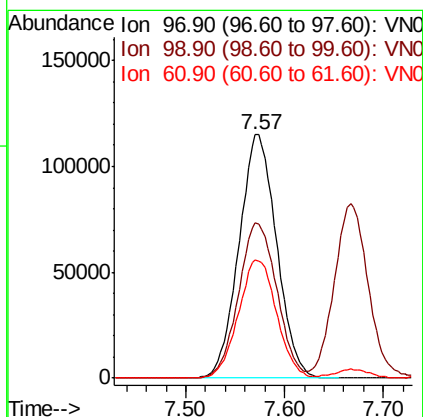
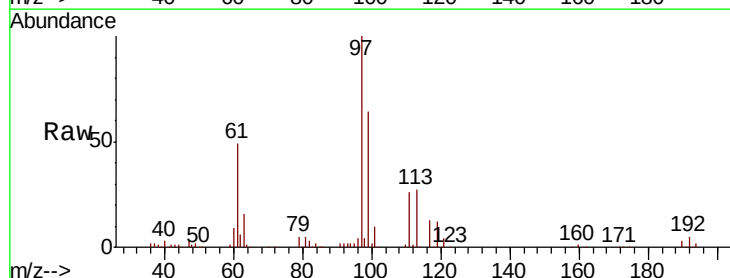
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

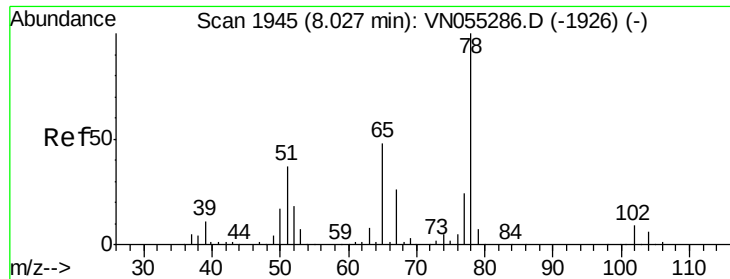
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.2	37.8
84	74.3	61.1	91.7



#32
1,1,1-Trichloroethane
Concen: 51.364 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	49.2	39.0	58.6





#33

1,2-Dichloroethane-d4

Concen: 53.707 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

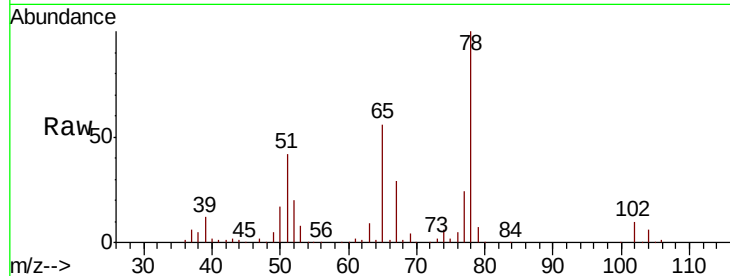
VSTDCCC050EC

Tot Ion: 65 Resp: 248989

Ion Ratio Lower Upper

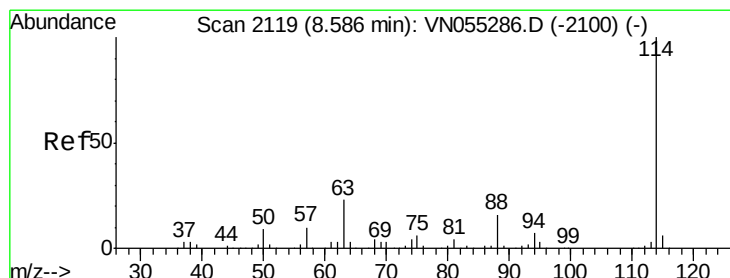
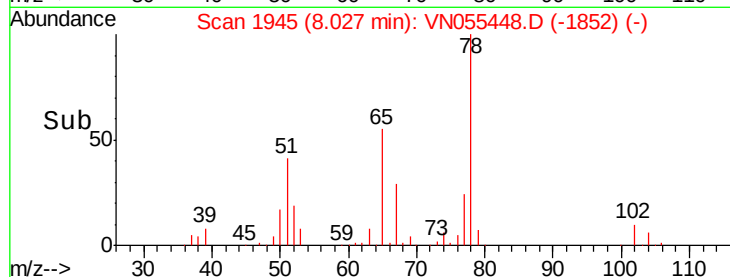
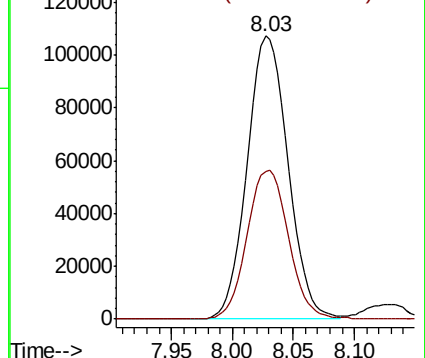
65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055448.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055448.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

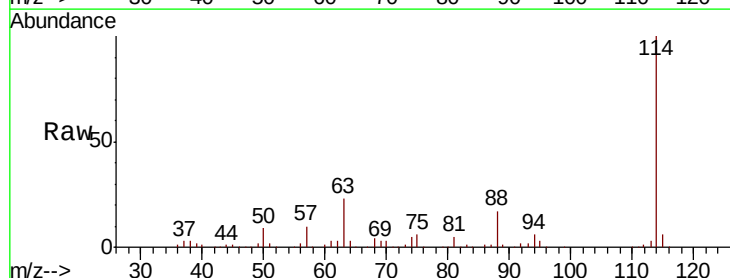
Tgt Ion: 114 Resp: 579522

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

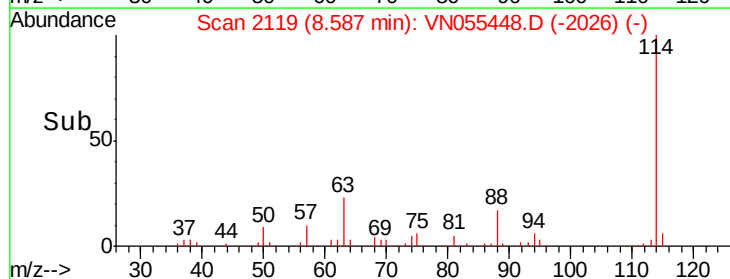
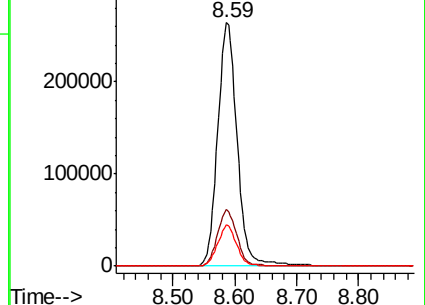
88 16.8 0.0 31.6

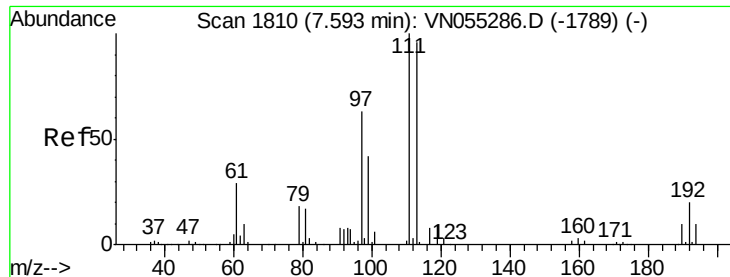


Abundance Ion 113.90 (113.60 to 114.60): VN055448.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055448.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055448.D (-2026) (-)





#35

Dibromofluoromethane

Concen: 50.926 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

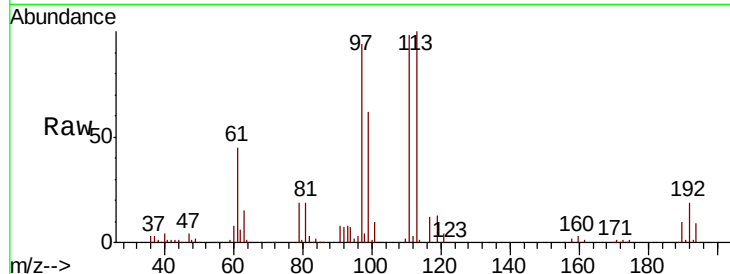
Tot Ion:113 Resp: 193710

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

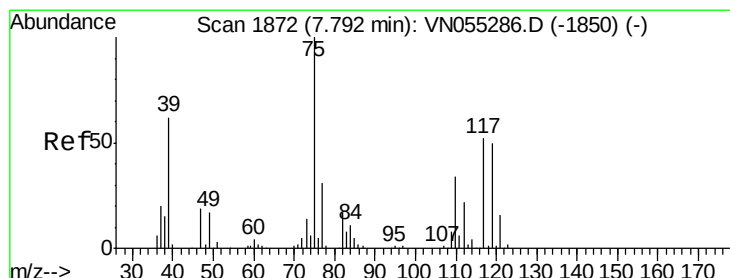
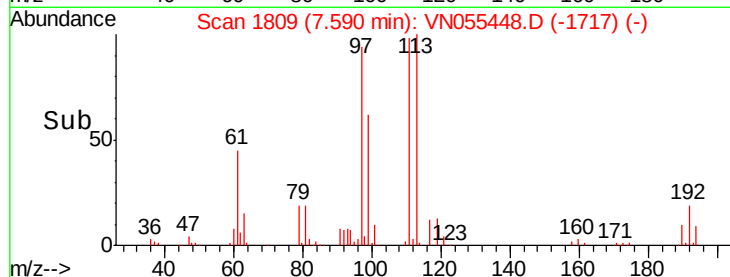
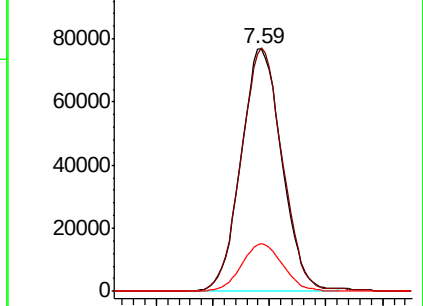
192 19.6 17.0 25.6



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: 47.284 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

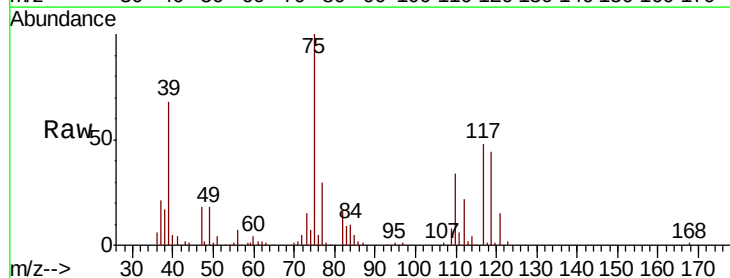
Tgt Ion: 75 Resp: 262468

Ion Ratio Lower Upper

75 100

110 33.5 16.8 50.4

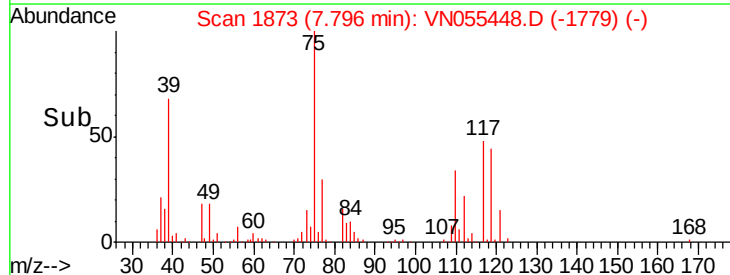
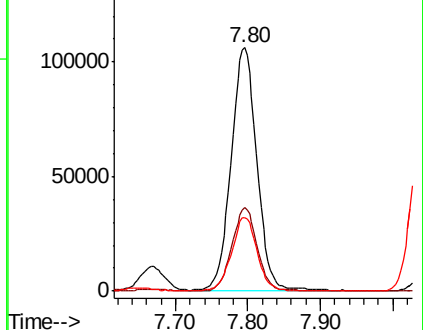
77 30.2 25.0 37.6

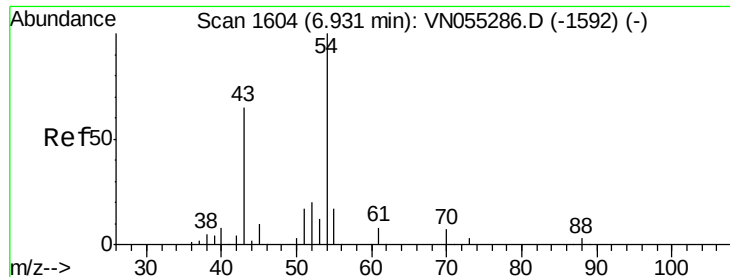


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

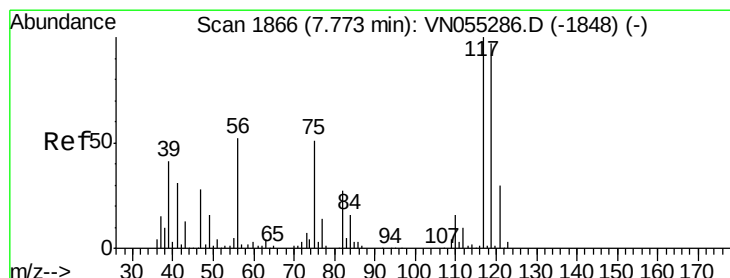
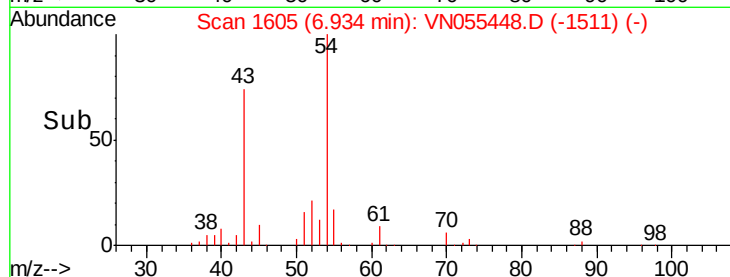
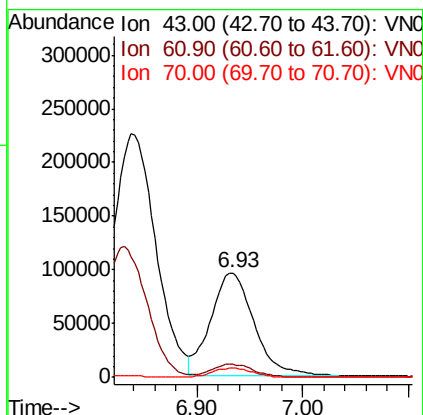
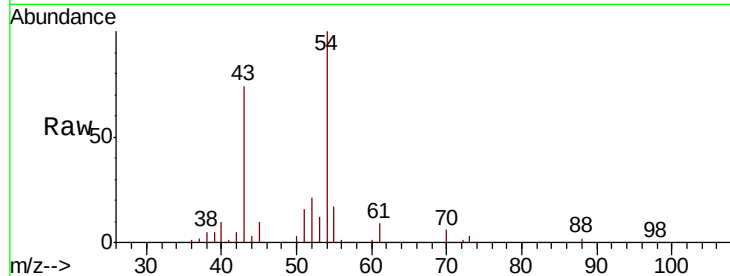




#37
Ethyl Acetate
Concen: 64.110 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

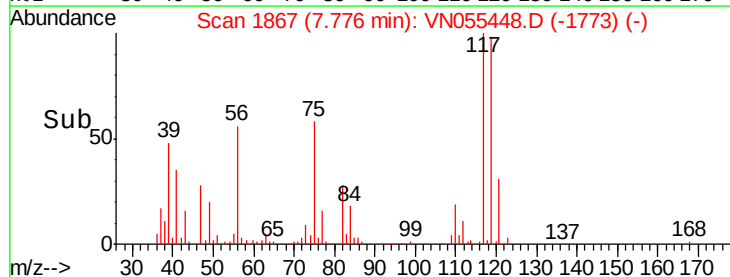
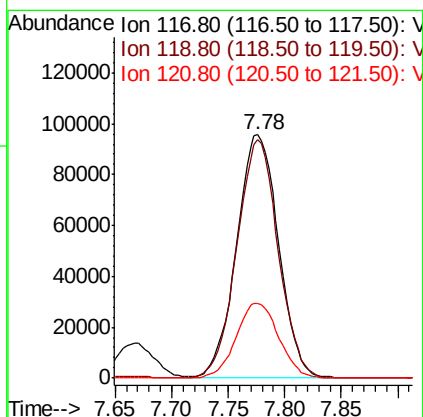
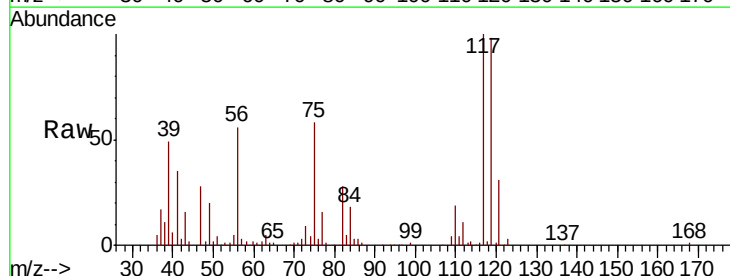
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

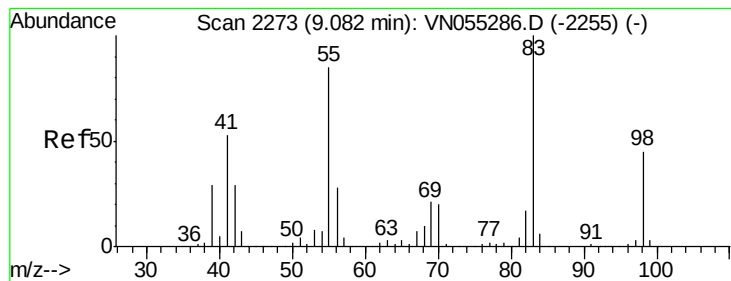
Tot Ion: 43 Resp: 272745
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.6 6.6 10.0



#38
Carbon Tetrachloride
Concen: 45.970 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 117 Resp: 246151
Ion Ratio Lower Upper
117 100
119 98.0 77.0 115.6
121 30.7 23.8 35.8





#39

Methylvlcyclohexane

Concen: 48.508 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

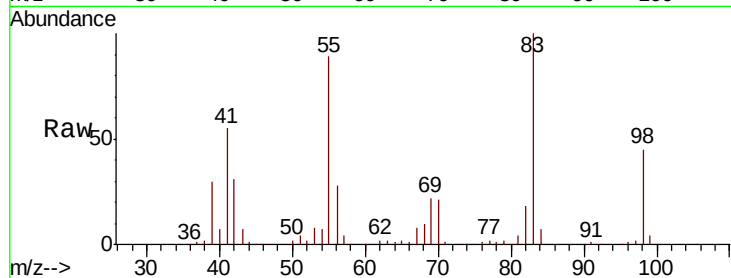
Tot Ion: 83 Resp: 286288

Ion Ratio Lower Upper

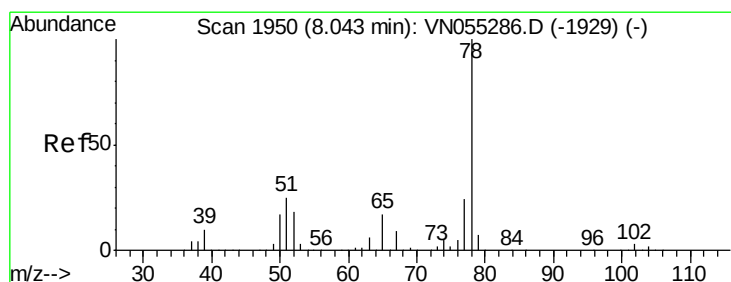
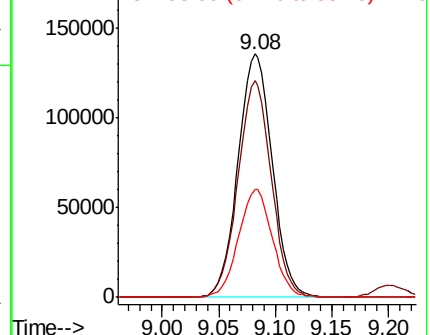
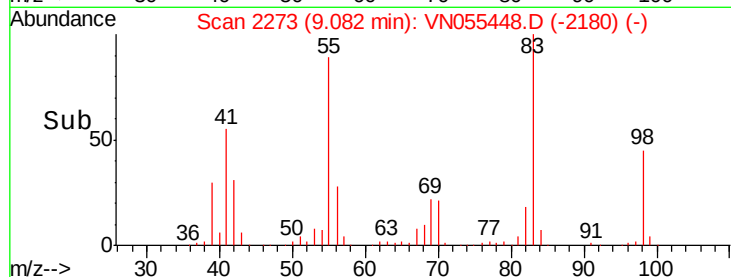
83 100

55 88.9 67.8 101.6

98 44.6 36.2 54.4



Abundance Ion 83.00 (82.70 to 83.70): VN055448.D (-2180) (-)



#40

Benzene

Concen: 50.232 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055448.D

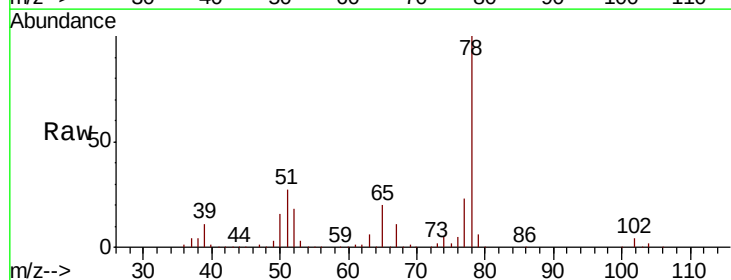
Acq: 7 May 2019 19:41

Tgt Ion: 78 Resp: 821975

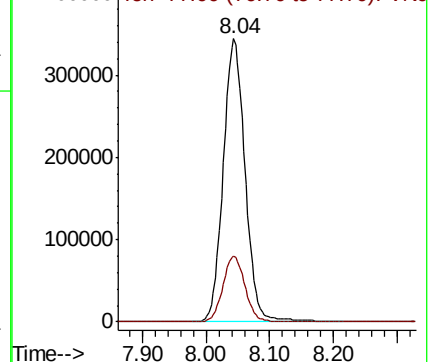
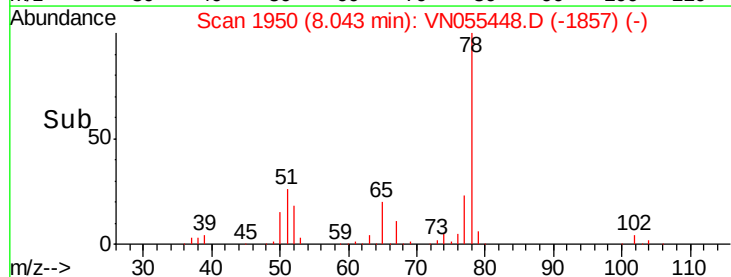
Ion Ratio Lower Upper

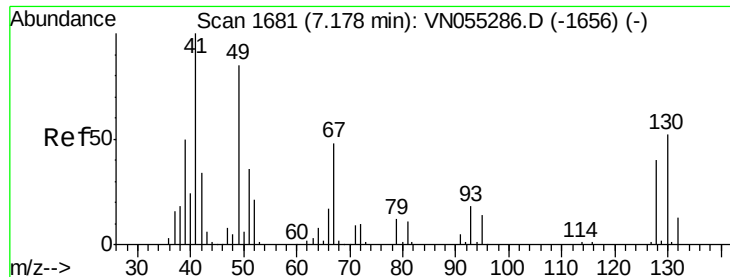
78 100

77 23.4 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN055448.D (-1857) (-)

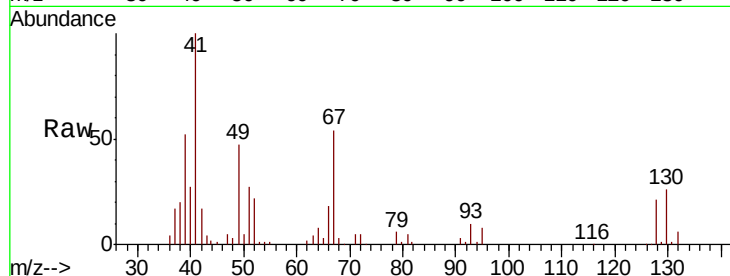




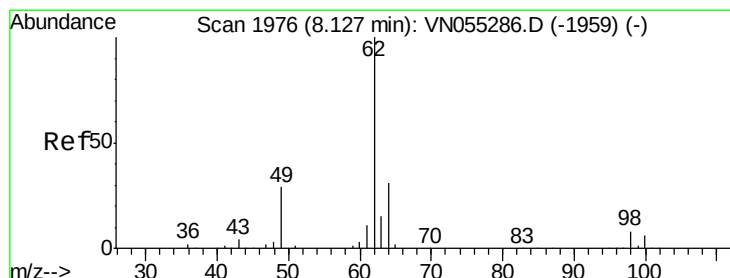
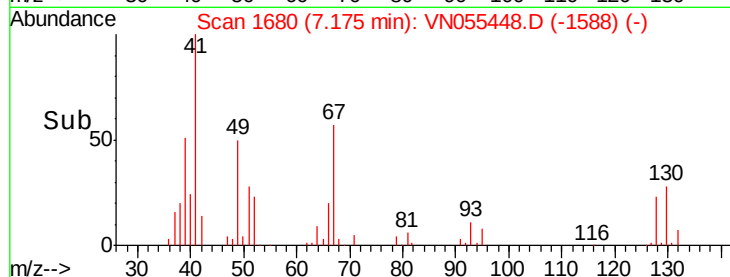
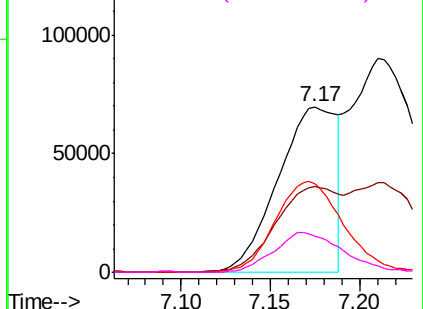
#41
Methacrylonitrile
Concen: 68.872 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 159231
Ion Ratio Lower Upper
41 100
39 57.1 48.5 72.7
67 64.4 54.9 82.3
52 29.1 24.9 37.3

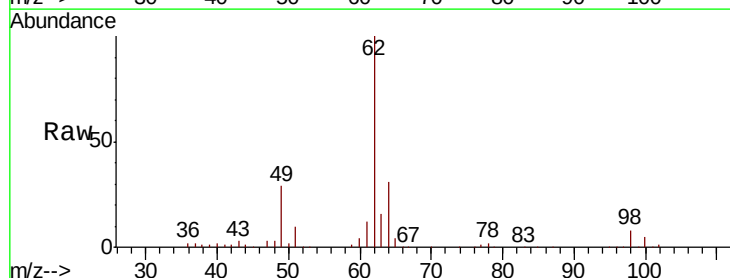


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

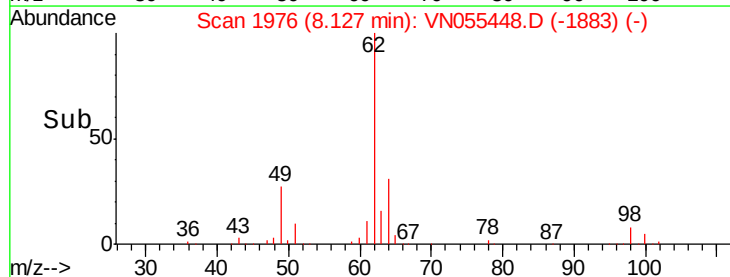
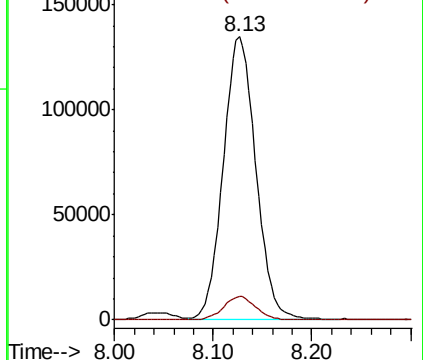


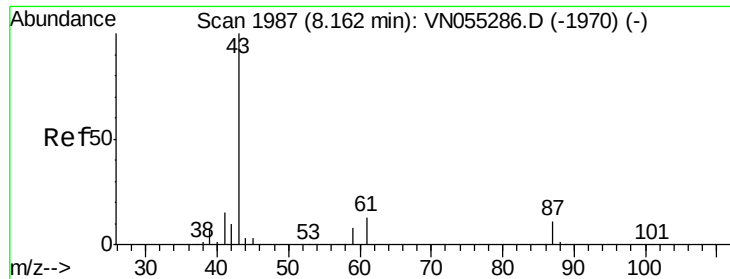
#42
1,2-Dichloroethane
Concen: 53.547 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 62 Resp: 310345
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.4



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





#43

Isopropyl Acetate

Concen: 67.663 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

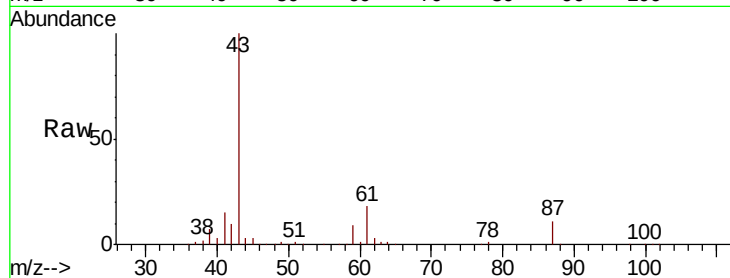
Tot Ion: 43 Resp: 462607

Ion Ratio Lower Upper

43 100

61 24.6 20.8 31.2

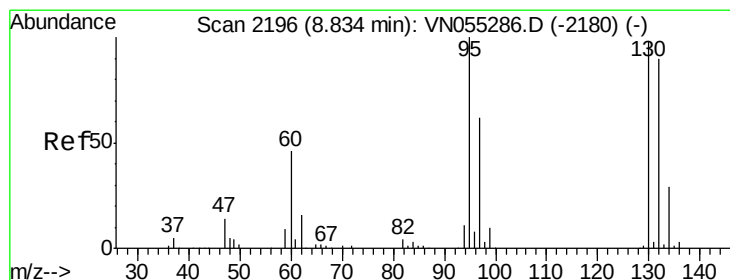
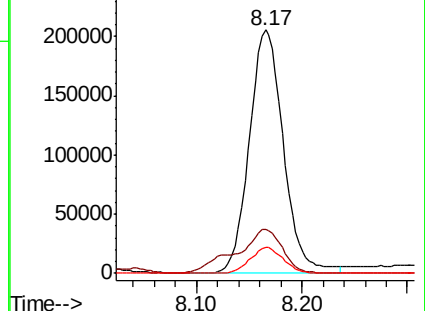
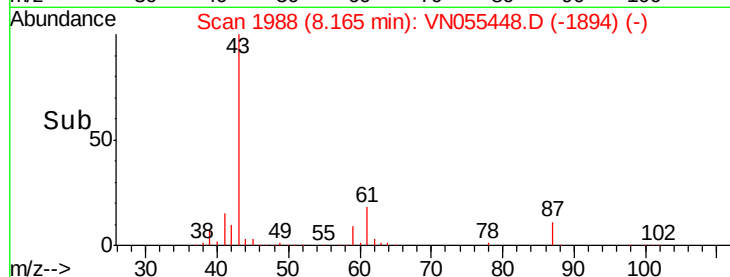
87 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 48.976 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055448.D

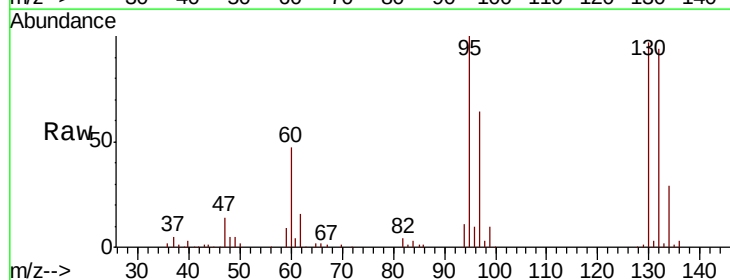
Acq: 7 May 2019 19:41

Tgt Ion:130 Resp: 204307

Ion Ratio Lower Upper

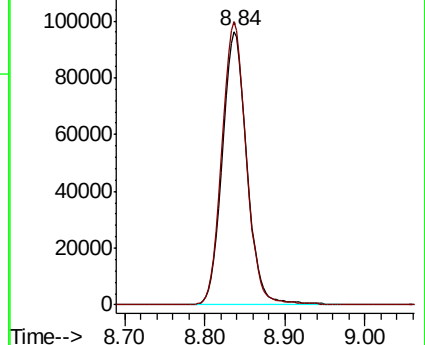
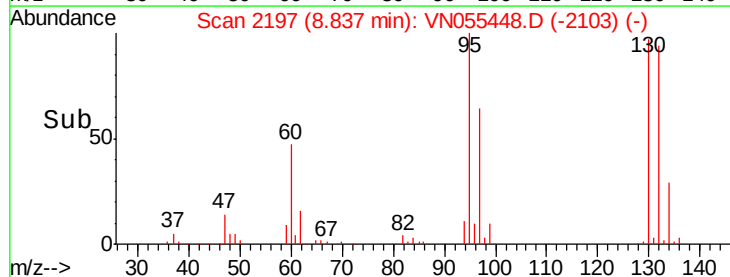
130 100

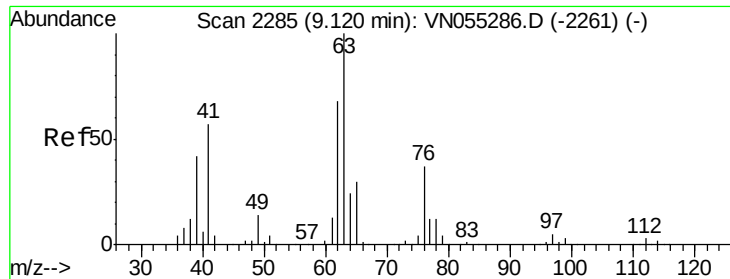
95 103.4 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

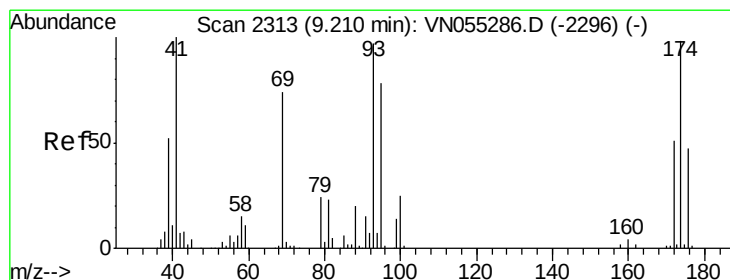
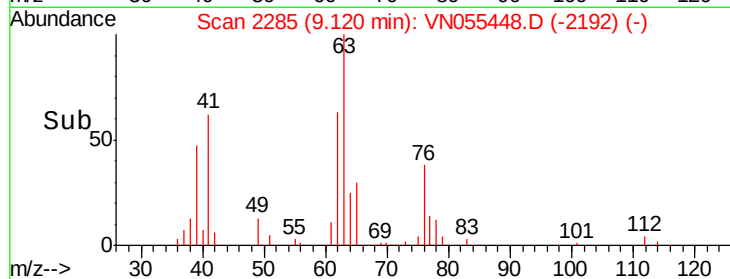
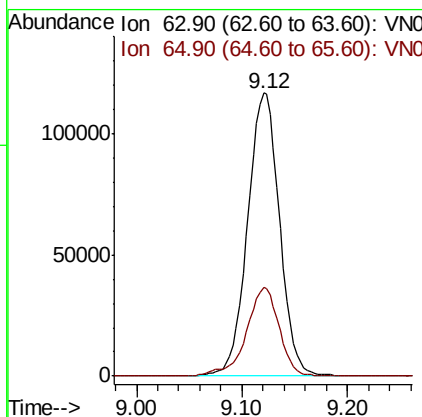
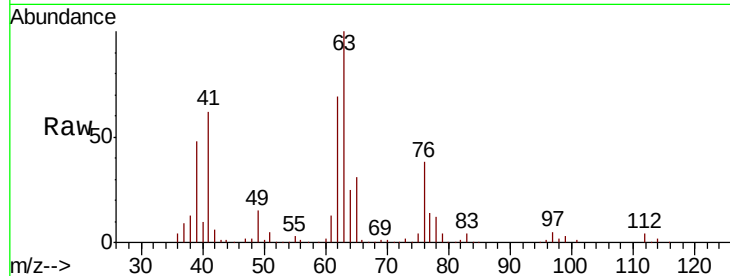




#45
 1,2-Dichloropropane
 Concen: 52.302 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

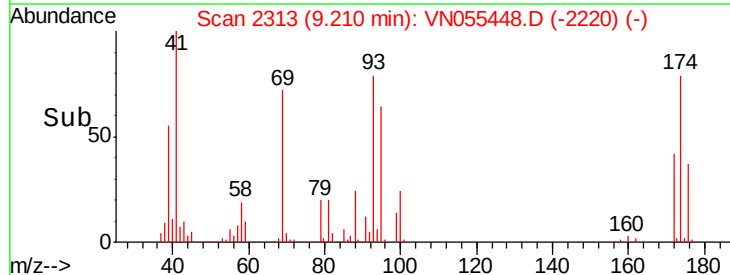
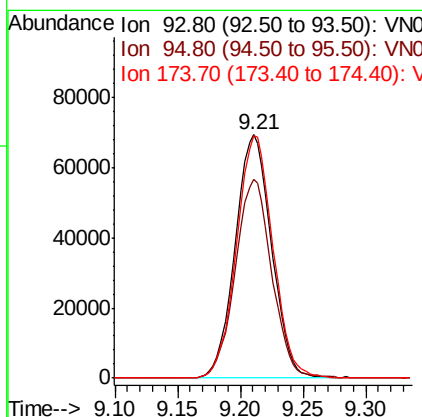
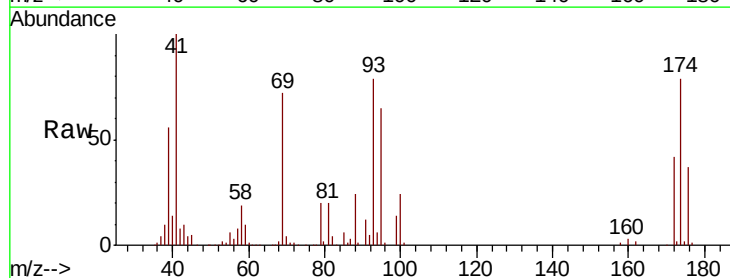
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

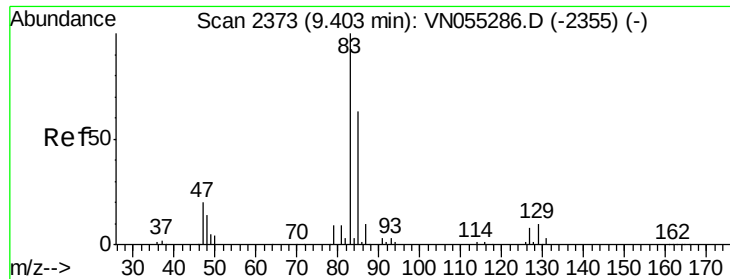
Tot Ion: 63 Resp: 246841
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9



#46
 Dibromomethane
 Concen: 54.229 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 93 Resp: 139897
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.7 98.5
 174 100.0 81.5 122.3





#47

Bromodichloromethane

Concen: 52.926 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

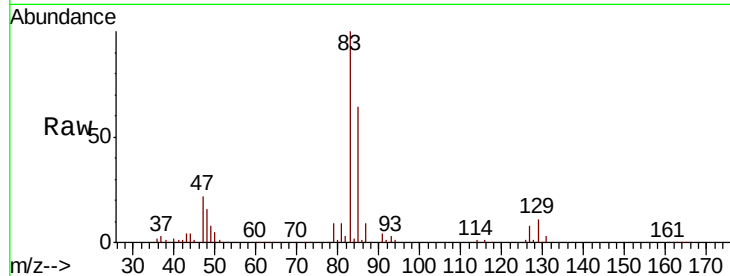
Tot Ion: 83 Resp: 292908

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

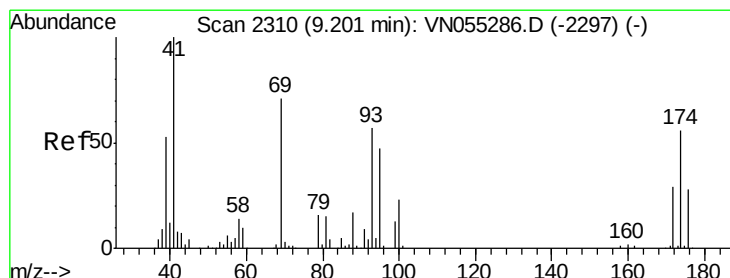
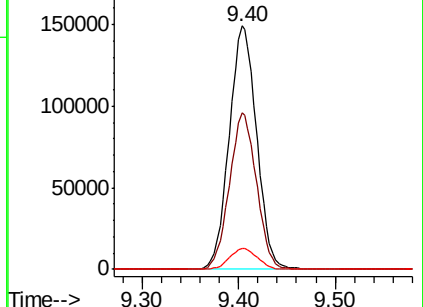
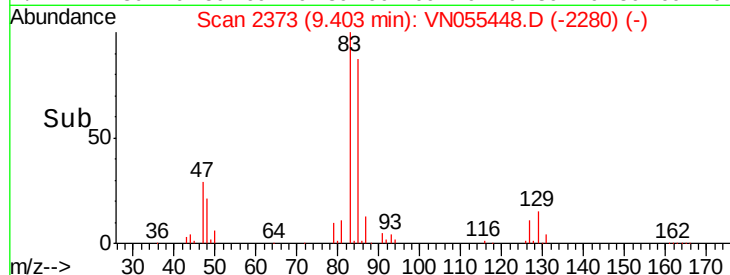
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055448.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055448.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055448.D (-2280) (-)



#48

Methyl methacrylate

Concen: 66.476 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

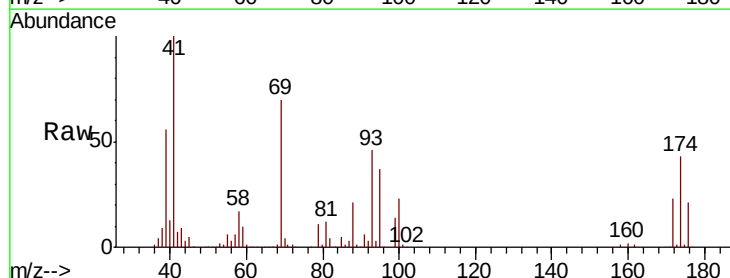
Tgt Ion: 41 Resp: 223431

Ion Ratio Lower Upper

41 100

69 71.9 58.6 87.8

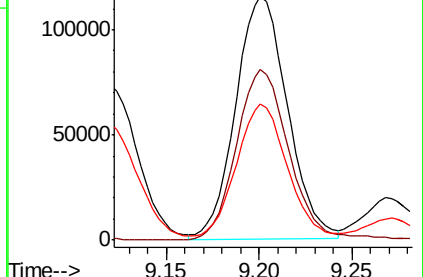
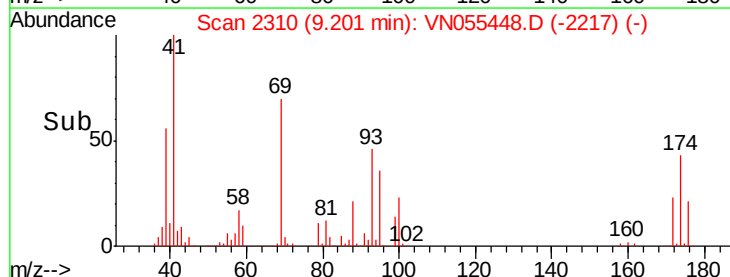
39 55.1 43.8 65.6

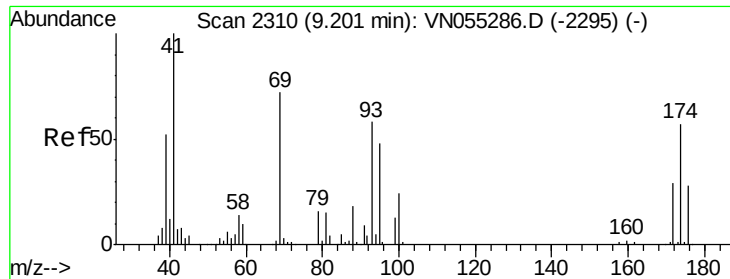


Abundance Ion 41.00 (40.70 to 41.70): VN055448.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055448.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055448.D (-2217) (-)

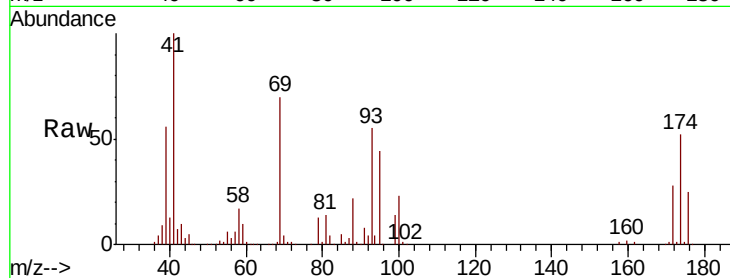




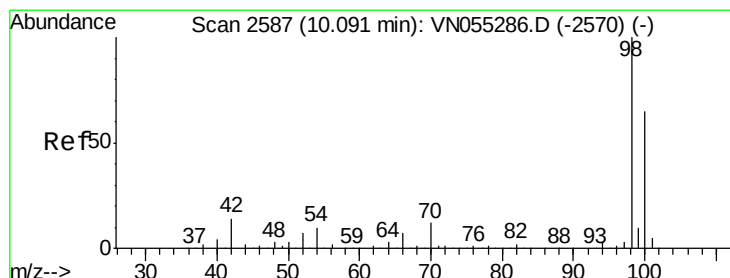
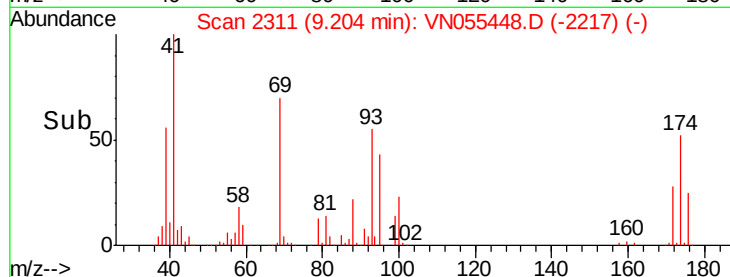
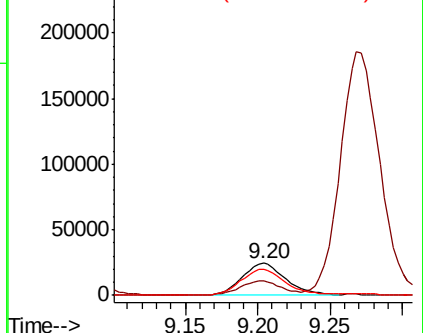
#49
 1,4-Dioxane
 Concen: 1478.773 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 51379
 Ion Ratio Lower Upper
 88 100
 43 41.0 33.3 49.9
 58 81.2 62.7 94.1

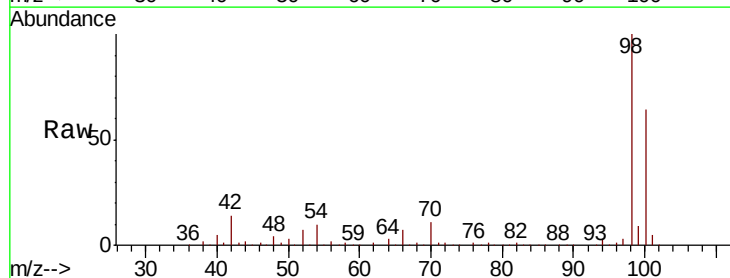


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

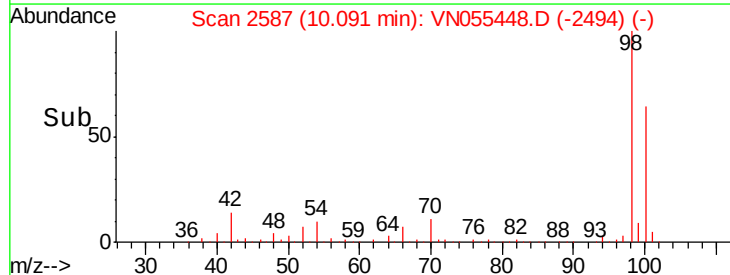
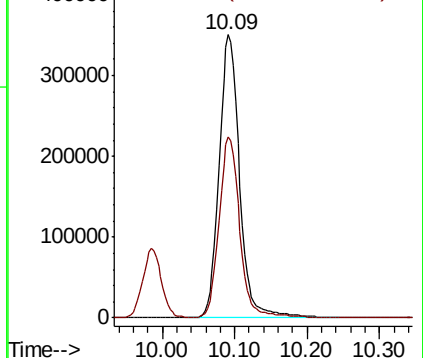


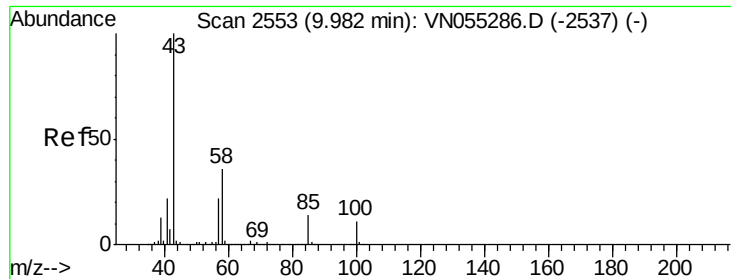
#50
 Toluene-d8
 Concen: 49.824 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 98 Resp: 684330
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5



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

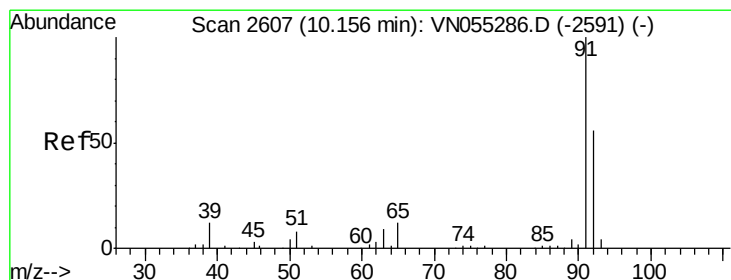
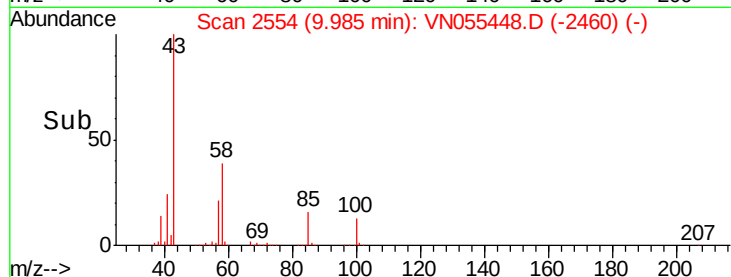
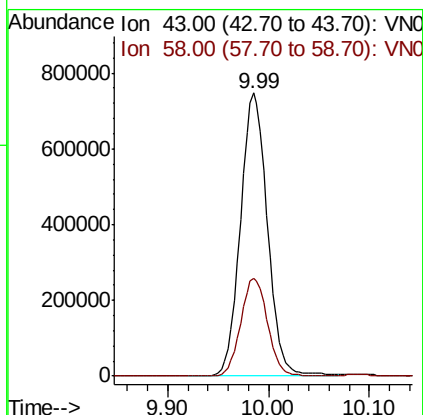
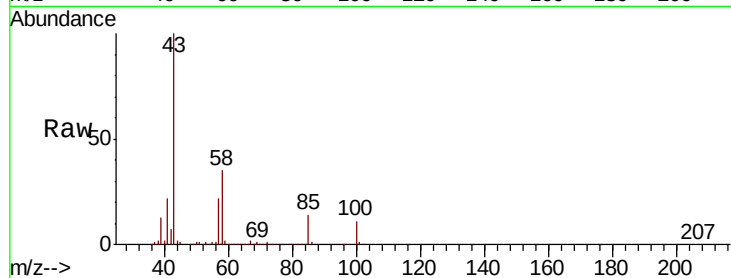




#51
4-Methyl-2-Pentanone
Concen: 357.464 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

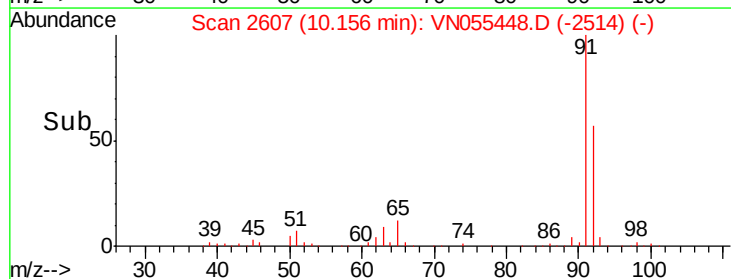
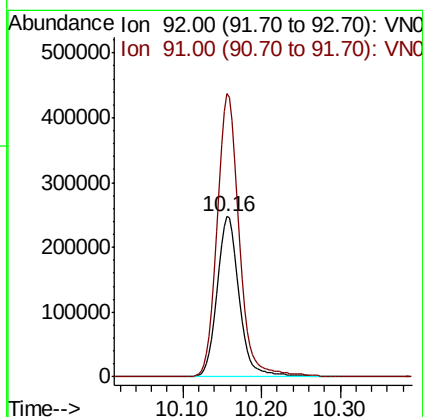
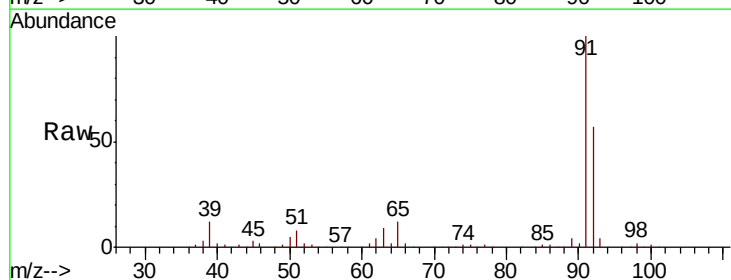
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

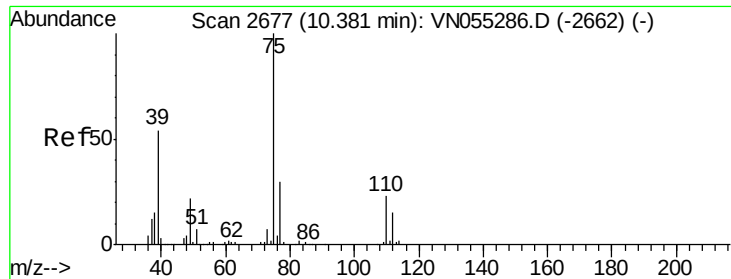
Tot Ion: 43 Resp: 1375986
Ion Ratio Lower Upper
43 100
58 34.7 28.5 42.7



#52
Toluene
Concen: 51.294 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 92 Resp: 481606
Ion Ratio Lower Upper
92 100
91 175.9 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 58.028 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

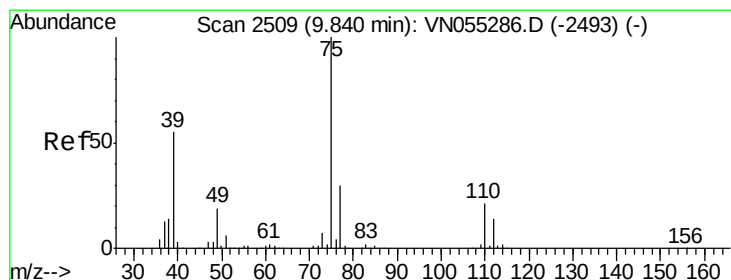
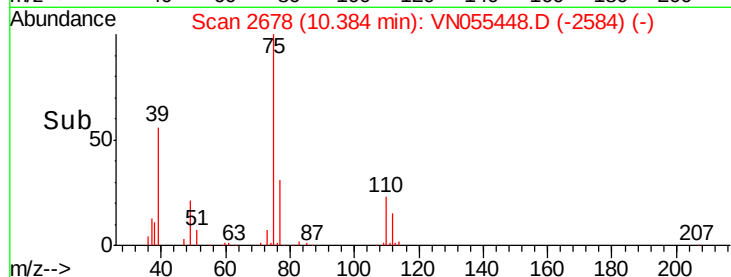
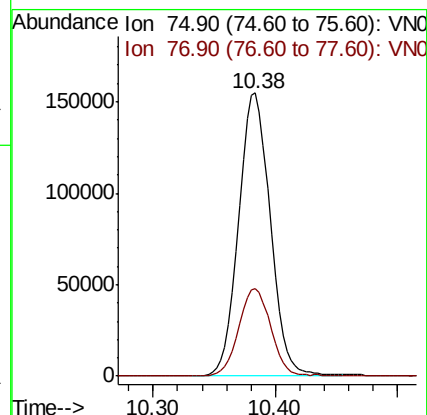
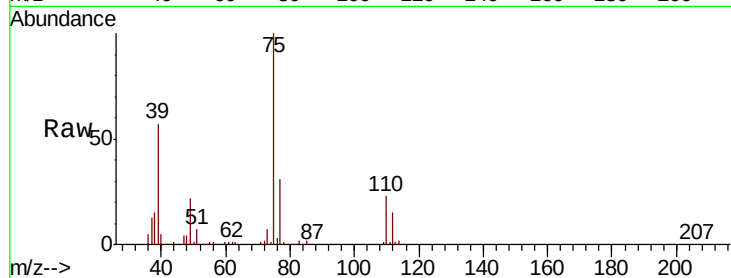
VSTDCCC050EC

Tot Ion: 75 Resp: 278788

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 54.992 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

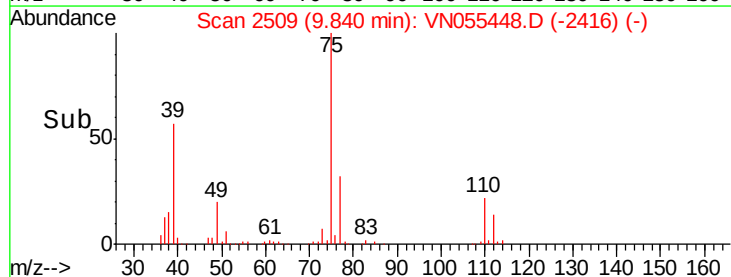
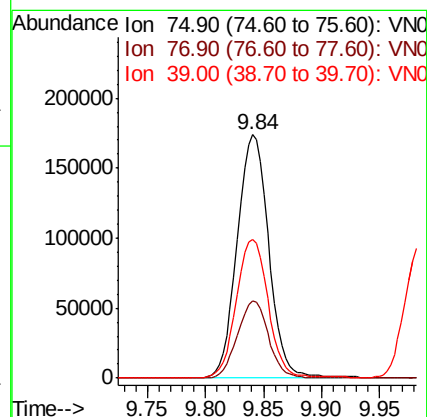
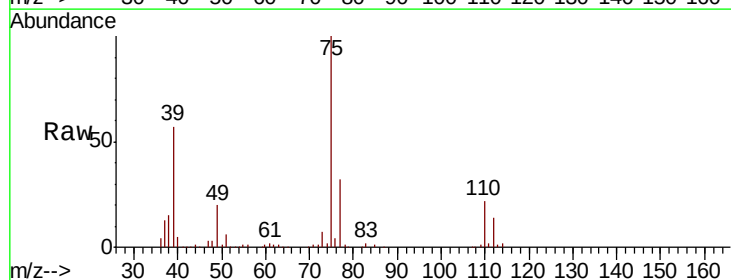
Tgt Ion: 75 Resp: 329408

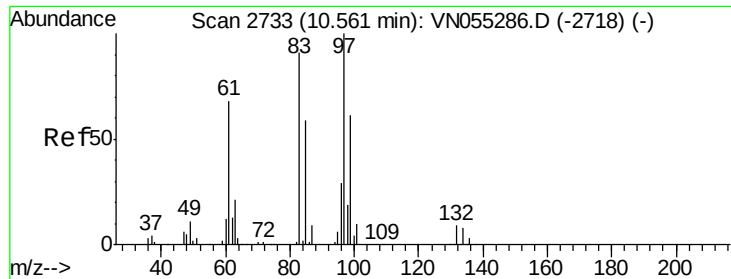
Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.2

39 57.0 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 56.624 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 197423

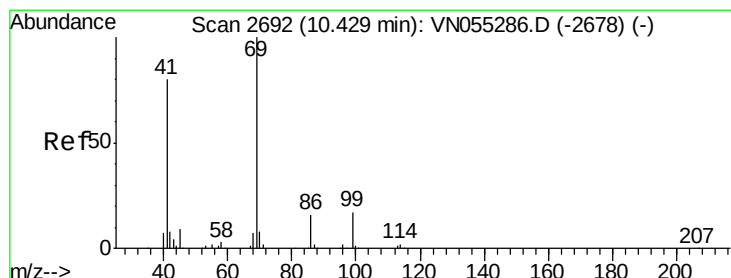
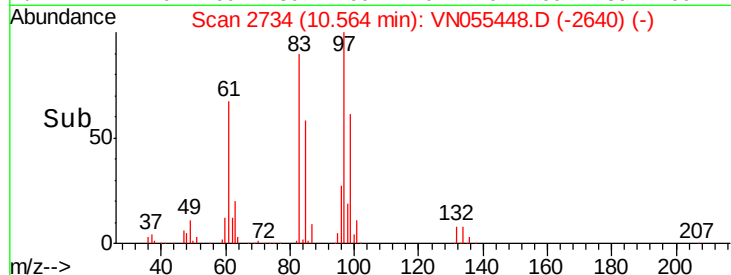
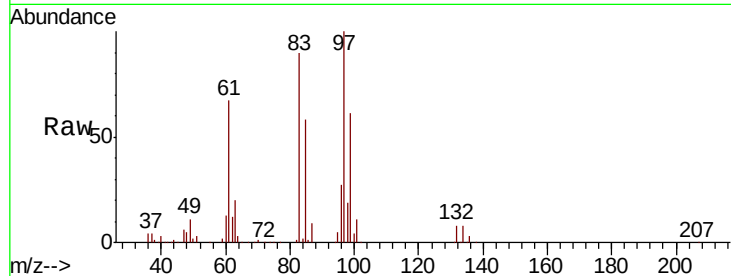
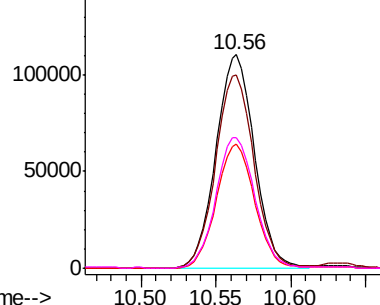
Ion	Ratio	Lower	Upper
97	100		
83	90.3	72.8	109.2
85	58.0	47.0	70.6
99	61.0	49.0	73.4

Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 66.679 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

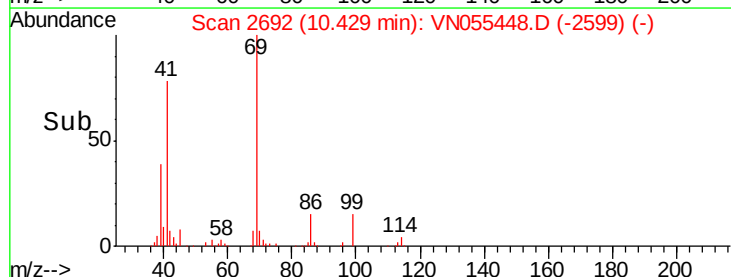
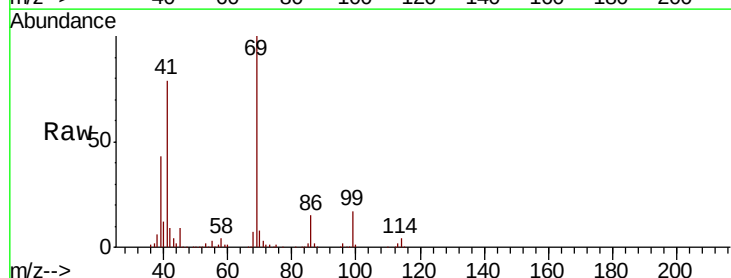
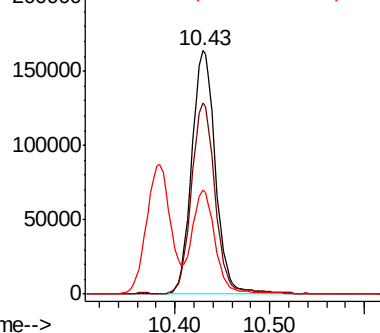
Tgt Ion: 69 Resp: 286146

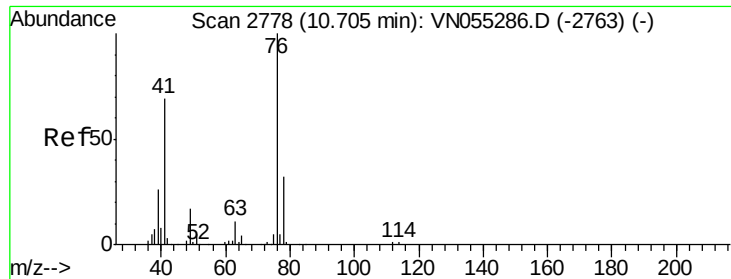
Ion	Ratio	Lower	Upper
69	100		
41	77.8	62.7	94.1
39	40.7	32.0	48.0

Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

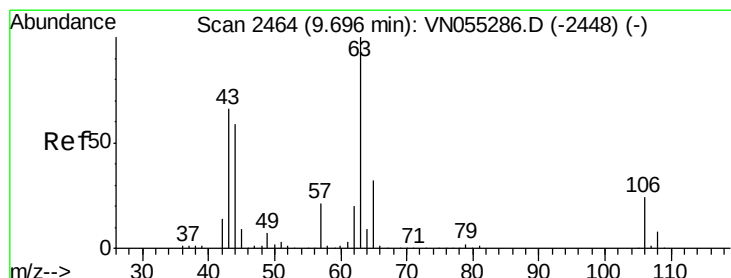
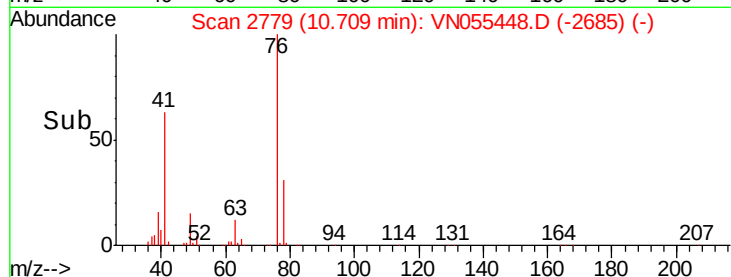
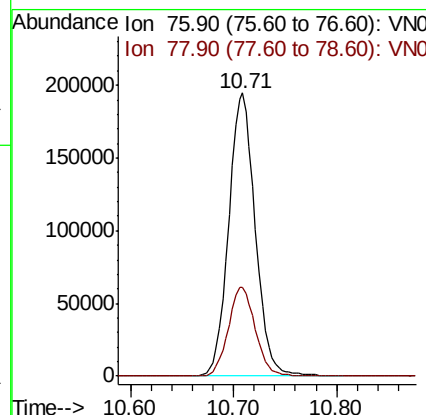
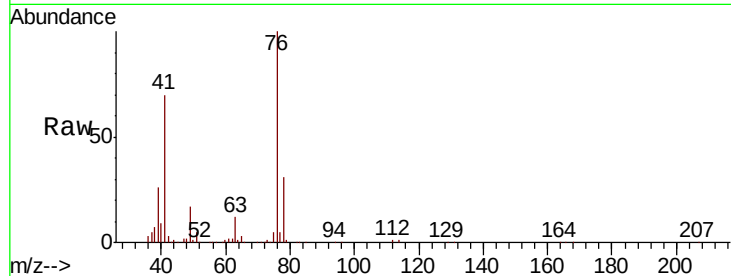




#57
 1,3-Dichloropropane
 Concen: 57.019 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

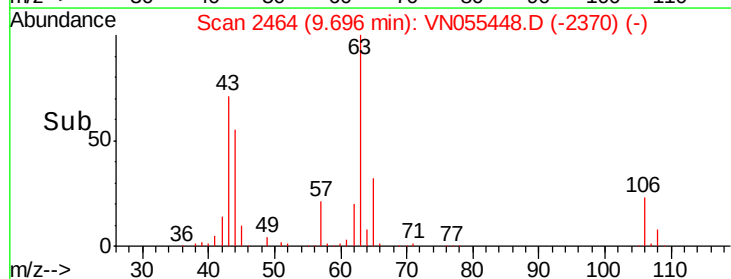
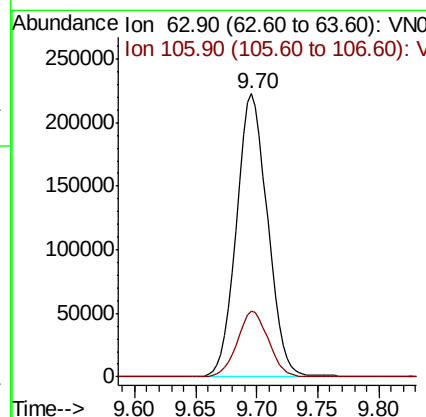
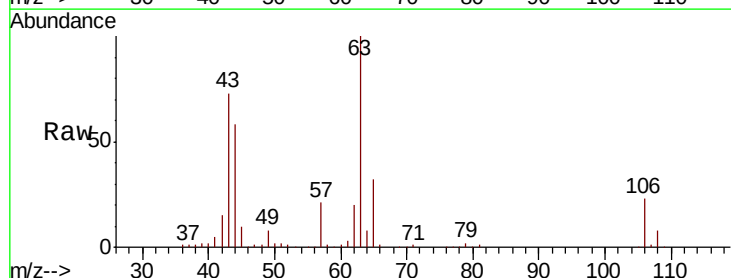
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

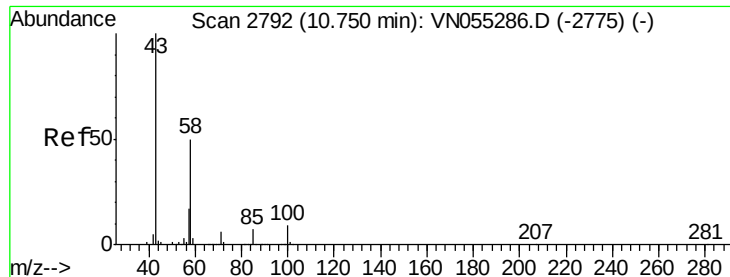
Tot Ion: 76 Resp: 348746
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 294.767 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 63 Resp: 395690
 Ion Ratio Lower Upper
 63 100
 106 23.2 19.0 28.4

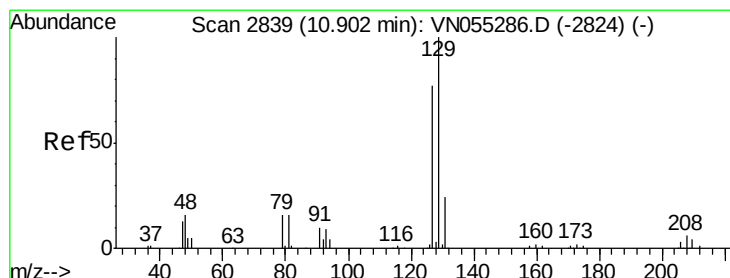
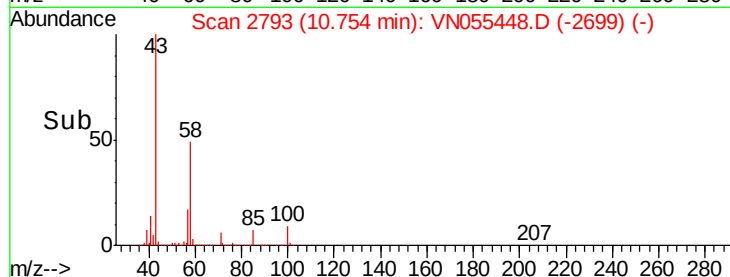
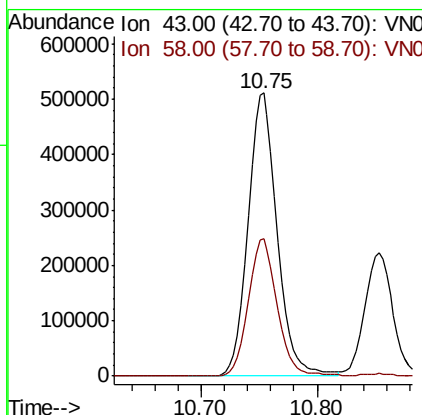
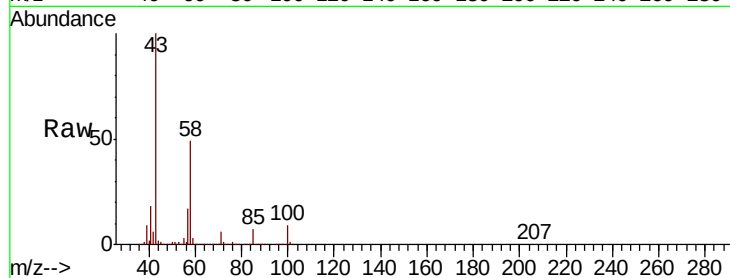




#59
2-Hexanone
Concen: 370.351 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

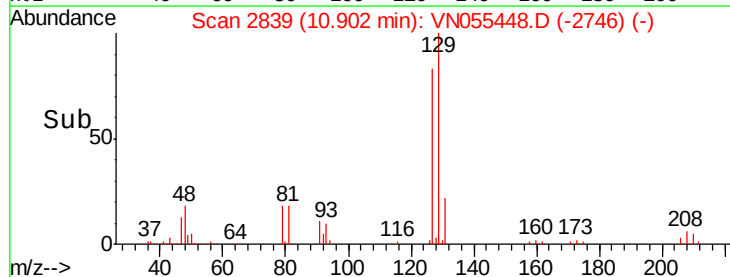
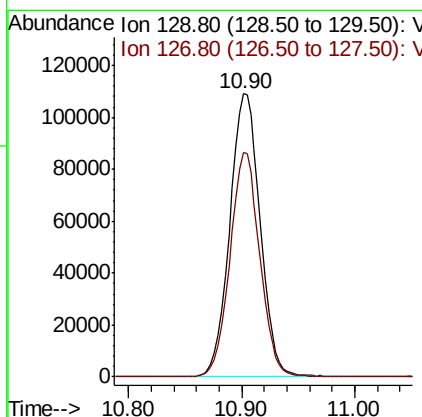
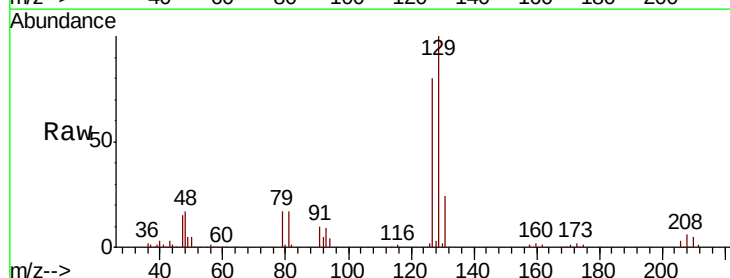
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

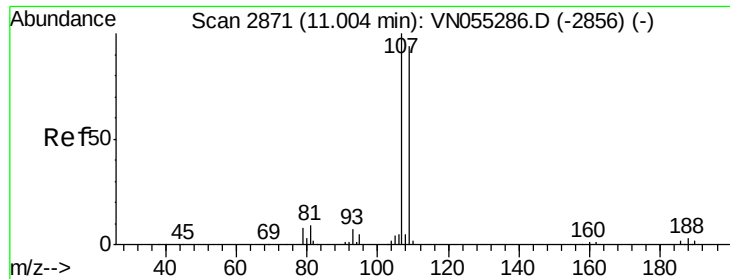
Tot Ion: 43 Resp: 891973
Ion Ratio Lower Upper
43 100
58 48.5 24.9 74.6



#60
Dibromochloromethane
Concen: 57.212 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 129 Resp: 203867
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 58.821 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

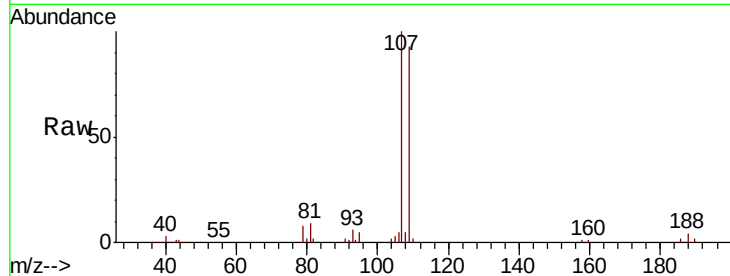
VSTDCCC050EC

Tot Ion: 107 Resp: 189555

Ion Ratio Lower Upper

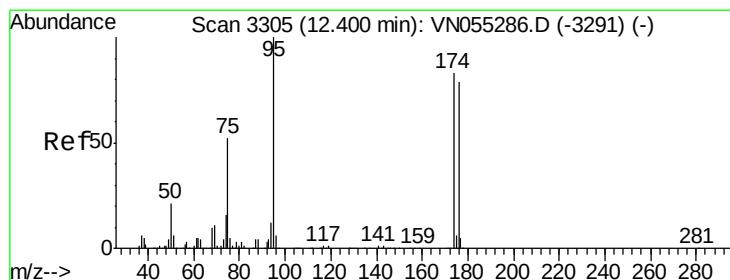
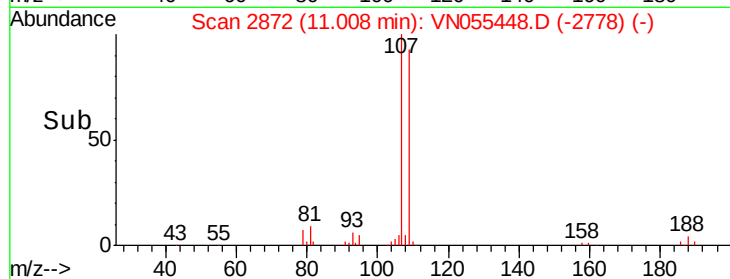
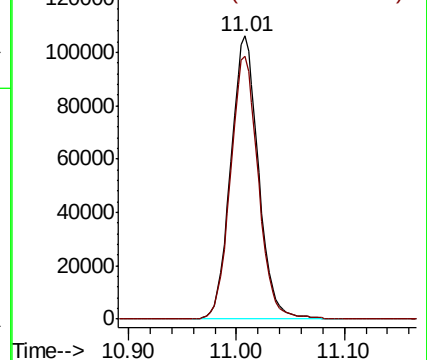
107 100

109 93.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.000 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

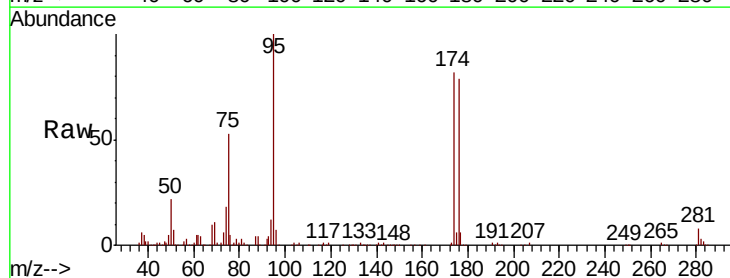
Tgt Ion: 95 Resp: 240389

Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.6

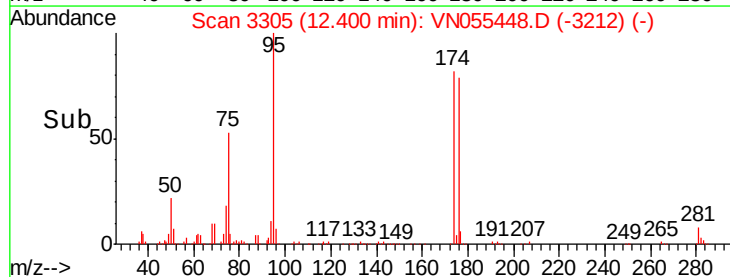
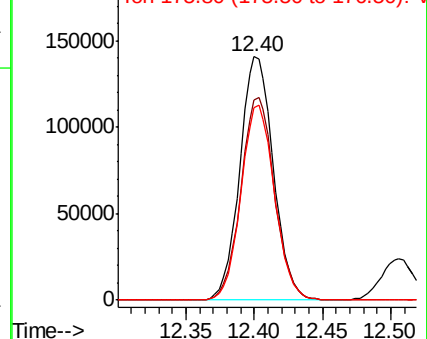
176 80.1 0.0 157.8

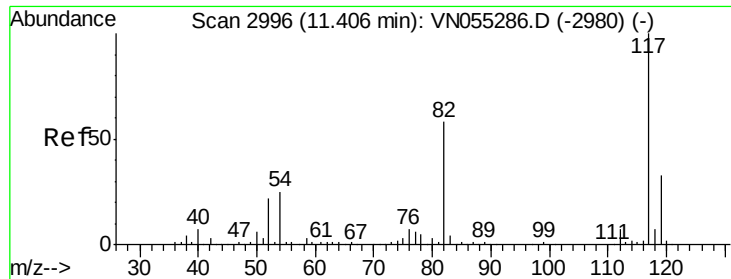


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

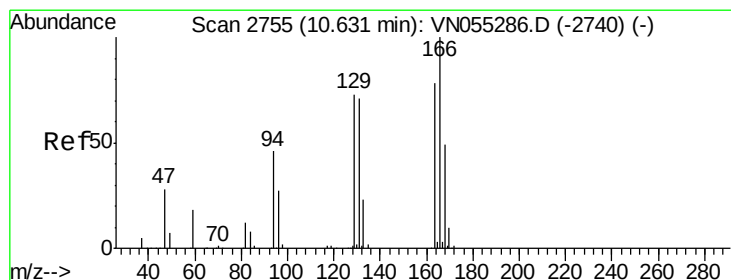
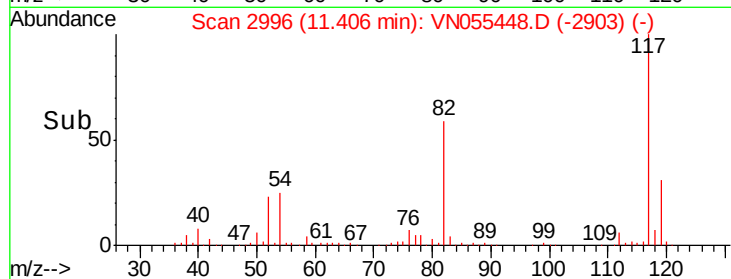
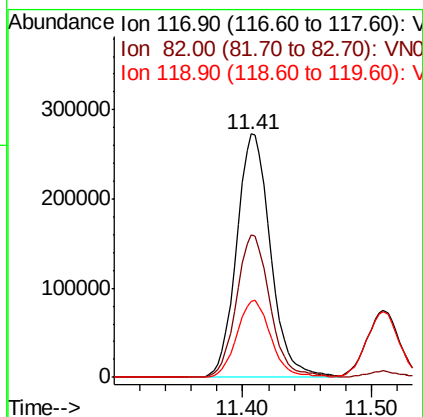
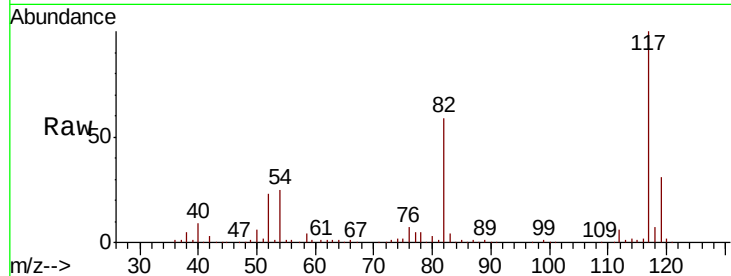




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

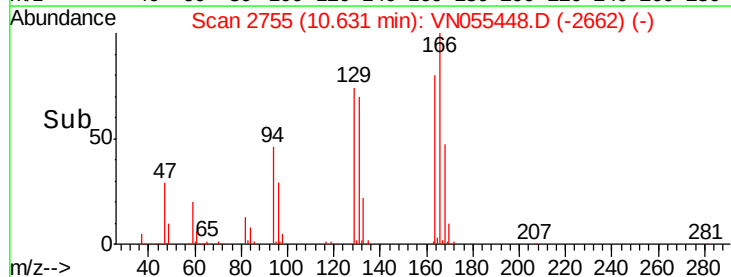
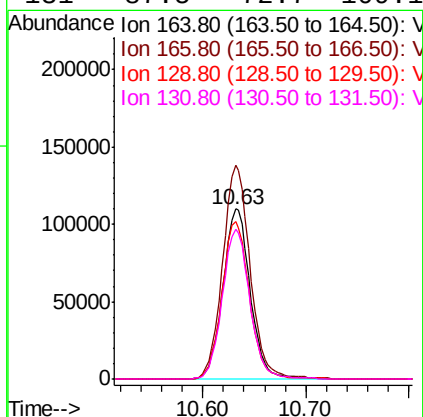
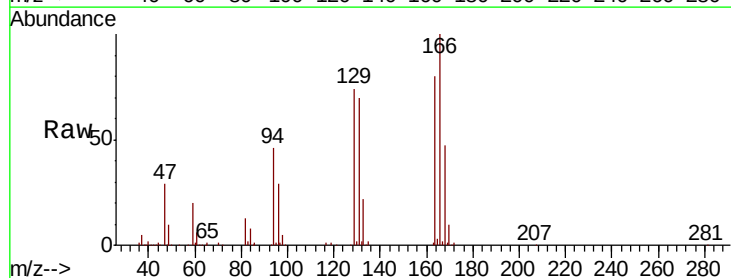
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

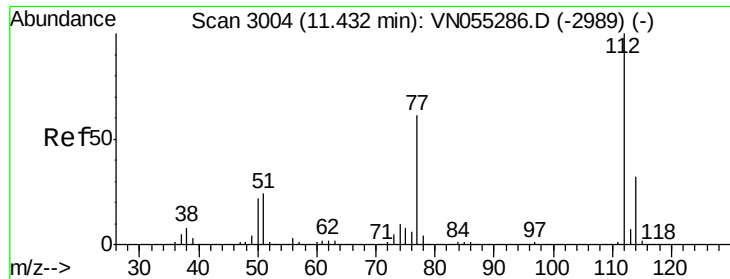
Tot Ion:117 Resp: 499691
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.4 26.6 40.0



#64
Tetrachloroethene
Concen: 49.778 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion:164 Resp: 203409
Ion Ratio Lower Upper
164 100
166 125.5 102.3 153.5
129 92.8 75.0 112.6
131 87.5 72.7 109.1

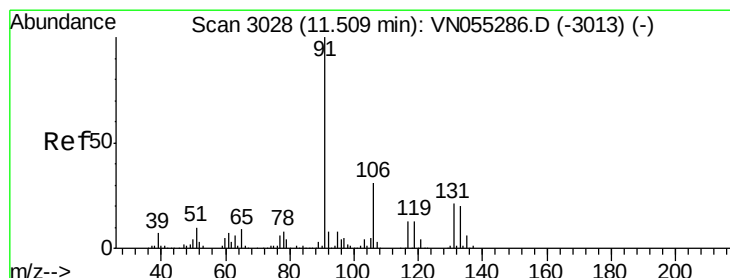
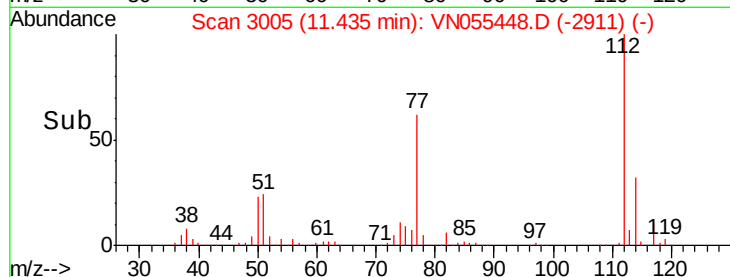
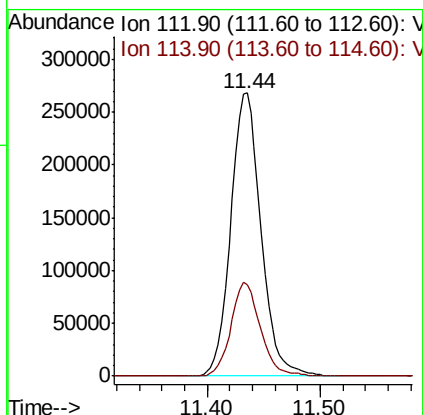
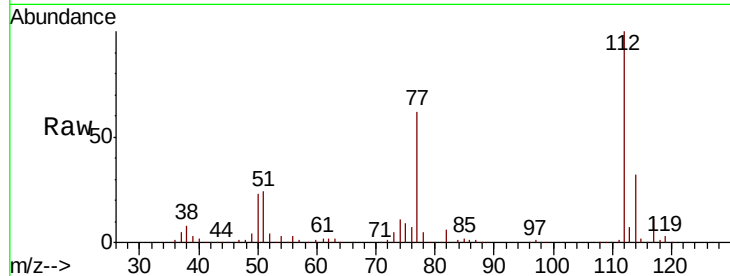




#65
Chlorobenzene
Concen: 50.975 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

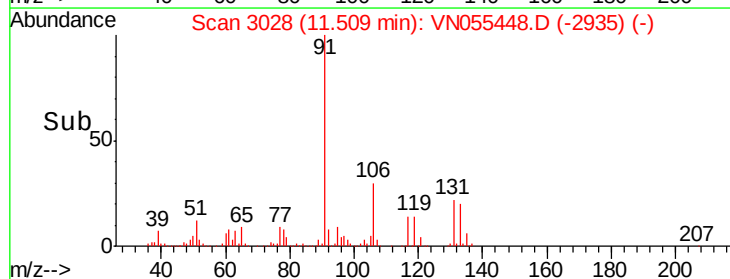
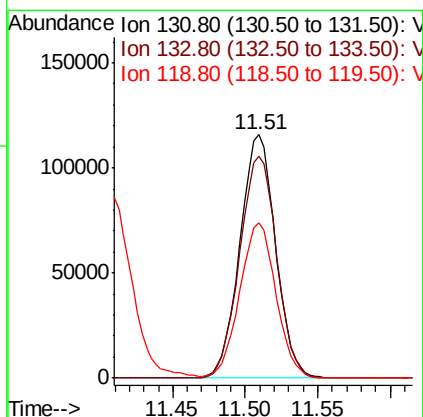
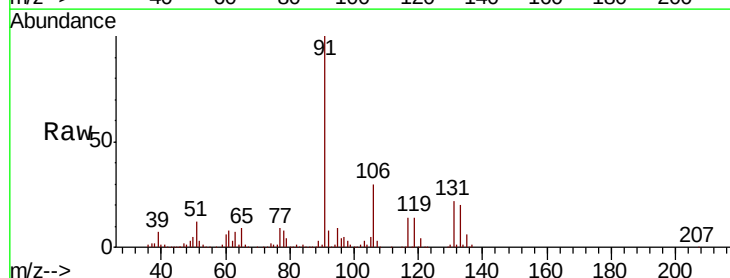
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

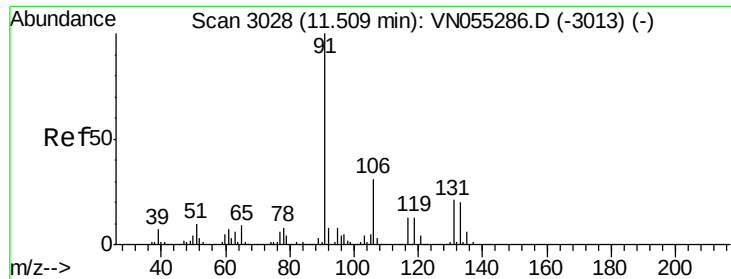
Tot Ion:112 Resp: 498009
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.808 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion:131 Resp: 198188
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 64.9 32.7 98.1

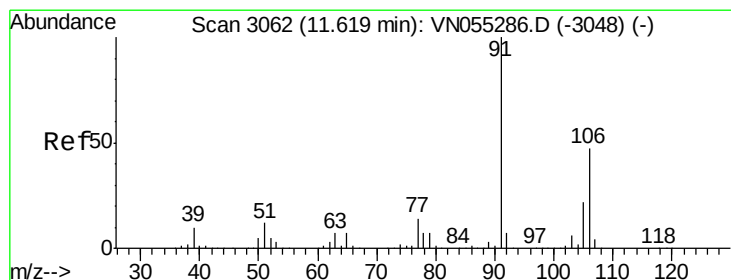
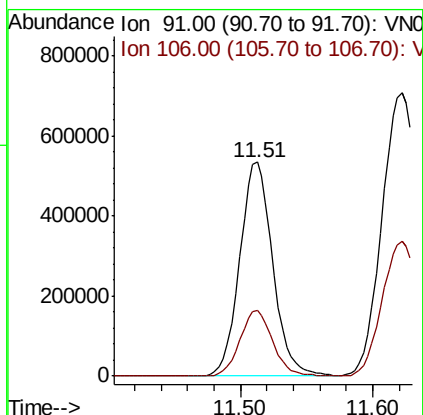
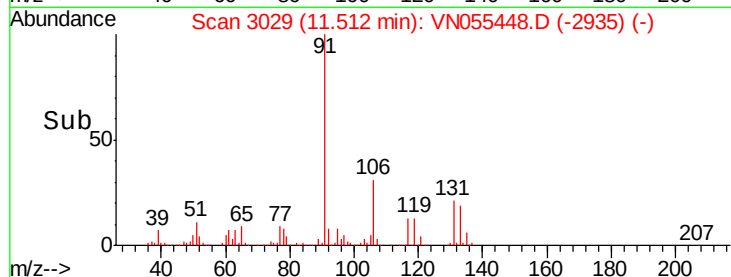
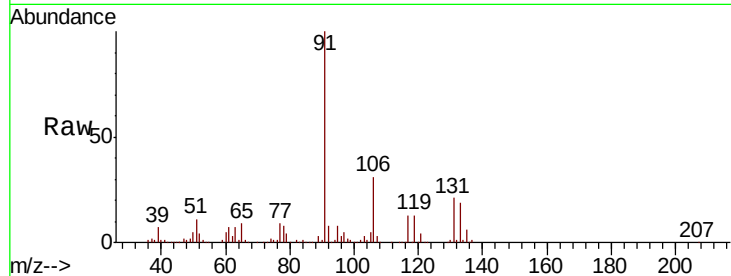




#67
Ethyl Benzene
Concen: 52.349 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

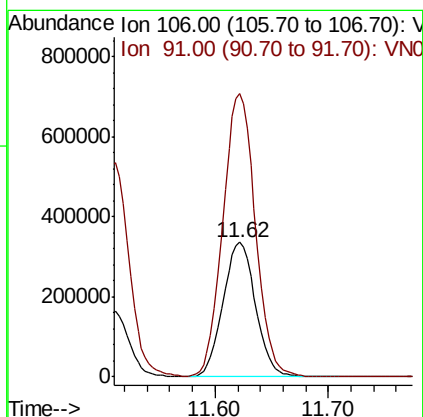
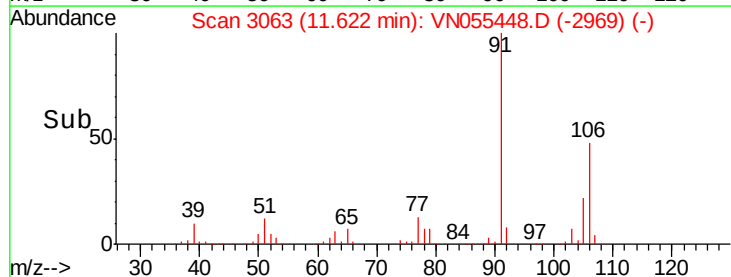
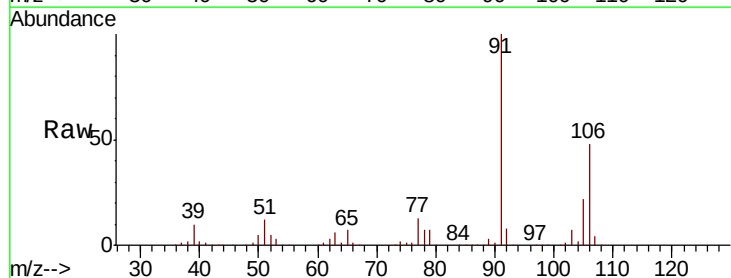
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

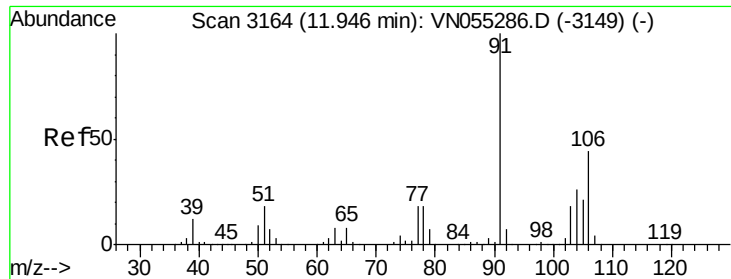
Tot Ion: 91 Resp: 923536
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 106.781 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion: 106 Resp: 672418
Ion Ratio Lower Upper
106 100
91 210.6 169.5 254.3

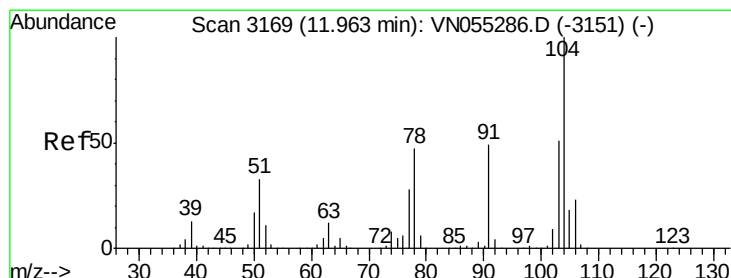
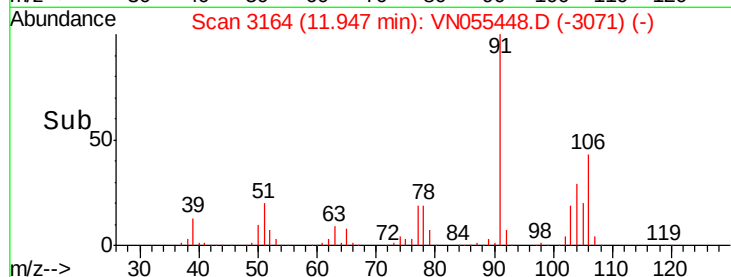
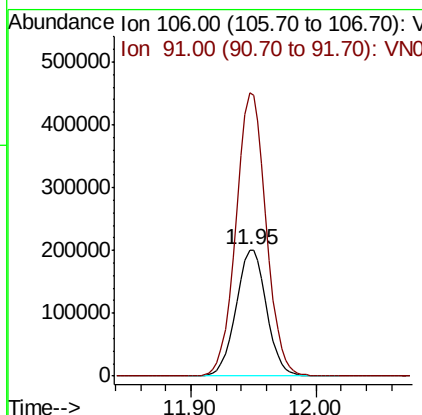
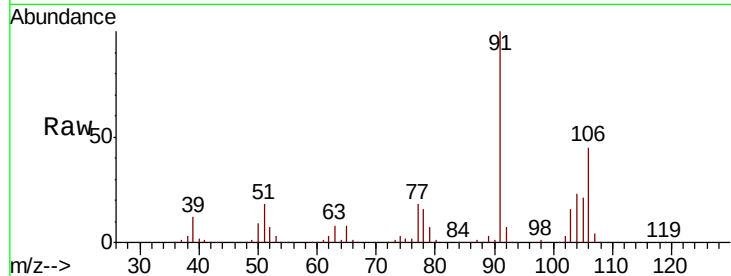




#69
o-Xylene
Concen: 54.411 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

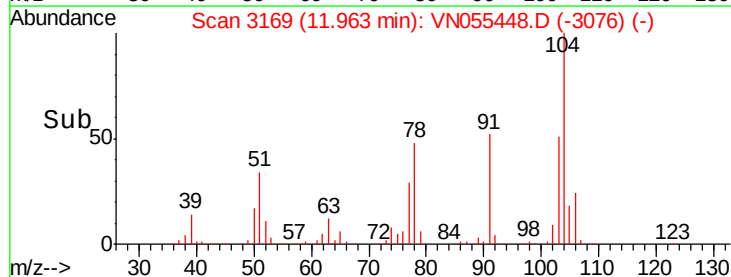
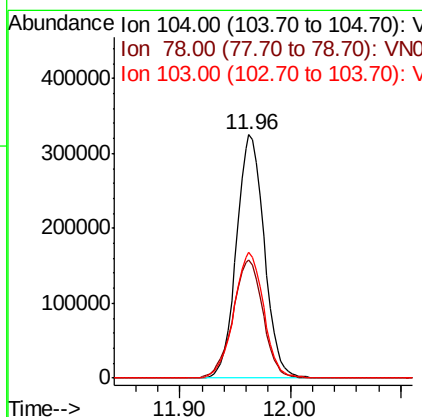
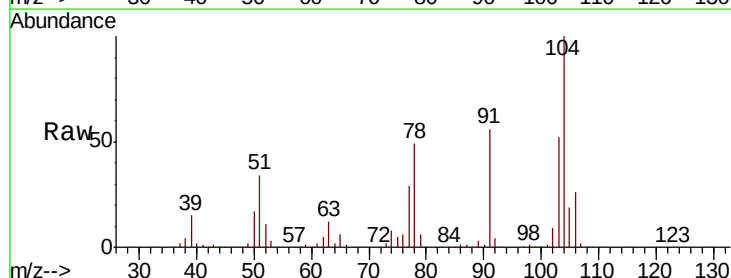
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

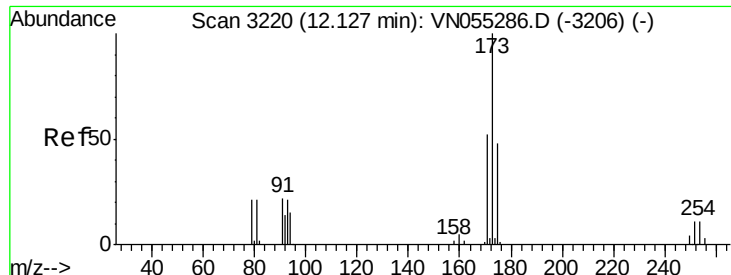
Tot Ion:106 Resp: 339610
Ion Ratio Lower Upper
106 100
91 220.8 111.5 334.5



#70
Styrene
Concen: 59.264 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055448.D
Acq: 7 May 2019 19:41

Tgt Ion:104 Resp: 567948
Ion Ratio Lower Upper
104 100
78 52.5 42.2 63.2
103 55.3 44.6 67.0





#71

Bromoform

Concen: 62.484 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

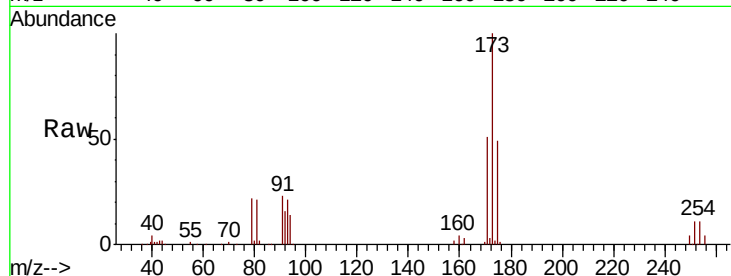
Tot Ion:173 Resp: 132635

Ion Ratio Lower Upper

173 100

175 49.2 23.6 71.0

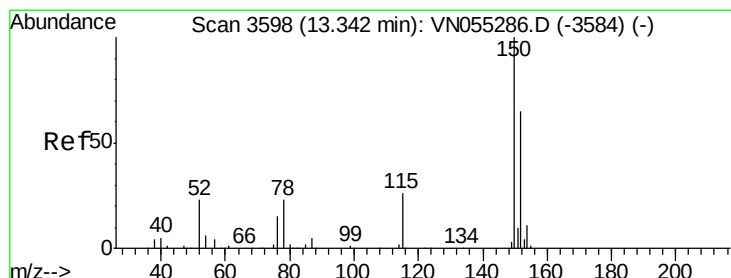
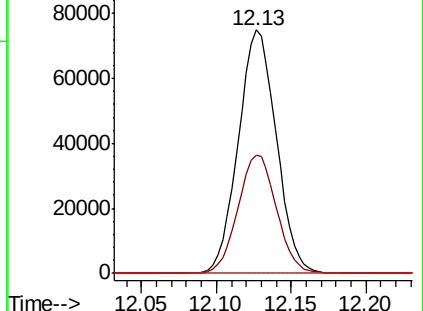
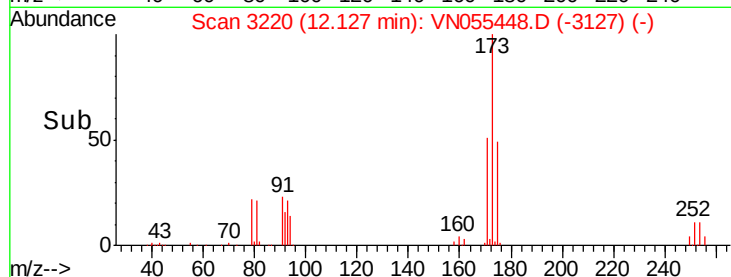
254 0.0 0.0 0.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

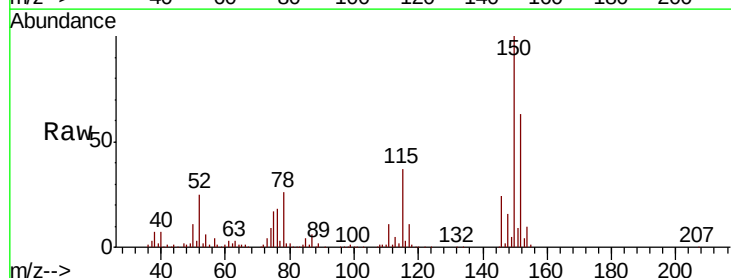
Tgt Ion:152 Resp: 217573

Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.0

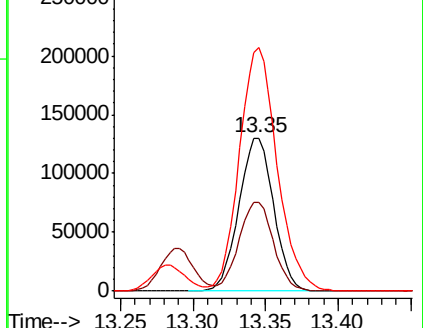
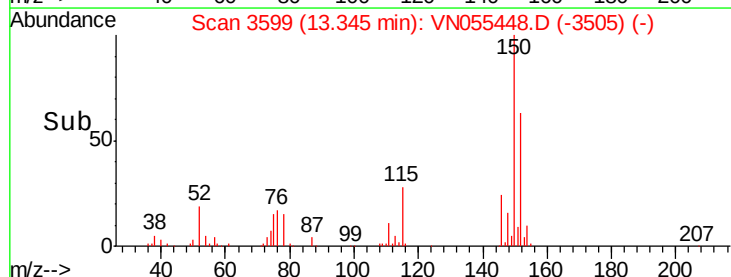
150 172.0 0.0 345.6

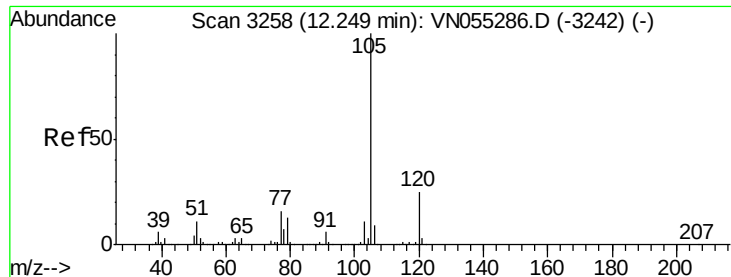


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.874 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

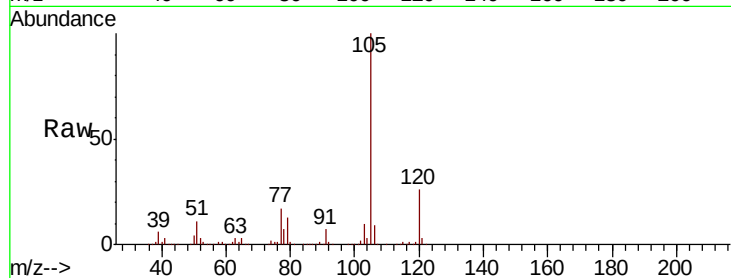
VSTDCCC050EC

Tot Ion:105 Resp: 912209

Ion Ratio Lower Upper

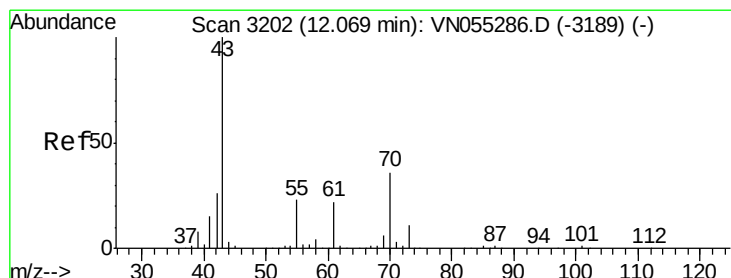
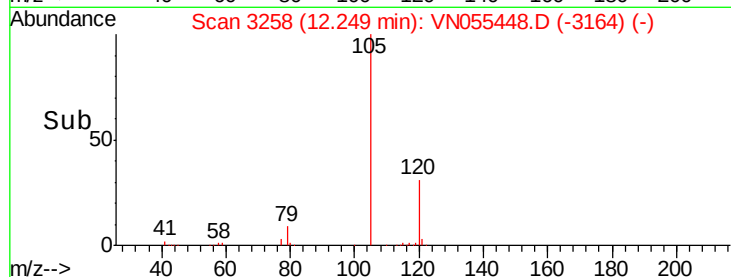
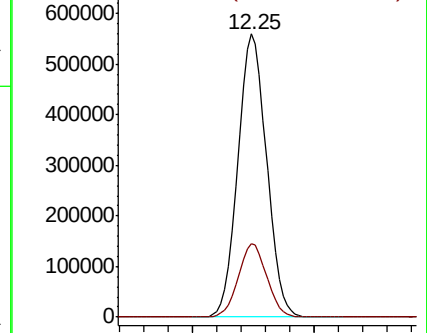
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 65.299 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Tgt Ion: 43 Resp: 364613

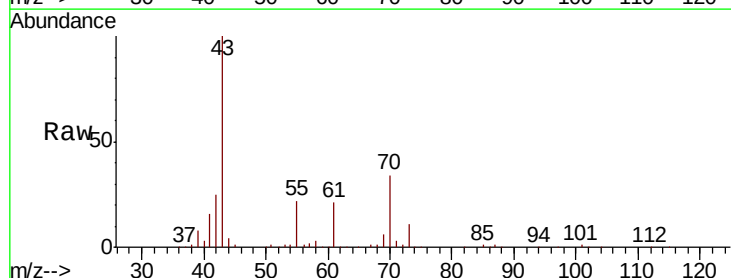
Ion Ratio Lower Upper

43 100

70 35.1 27.9 41.9

55 22.1 18.2 27.2

61 21.4 16.9 25.3

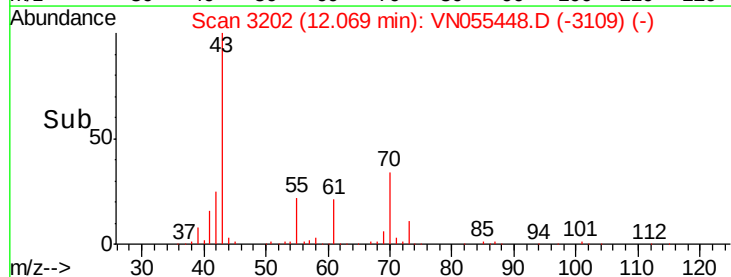
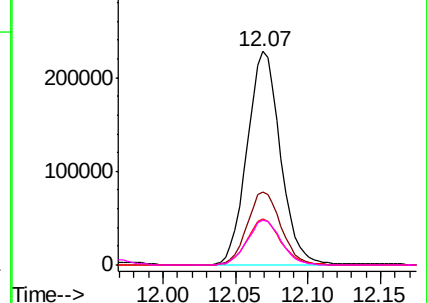


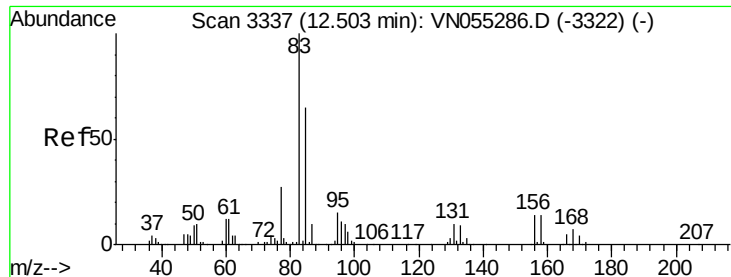
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 61.044 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

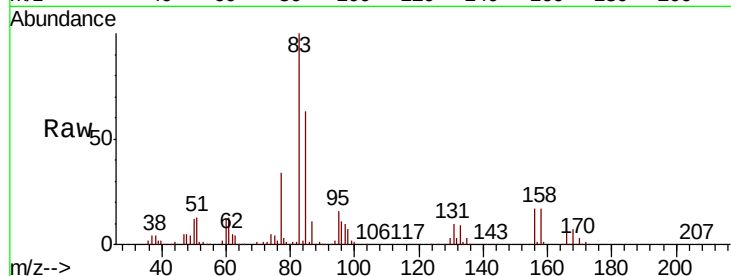
Tot Ion: 83 Resp: 260126

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

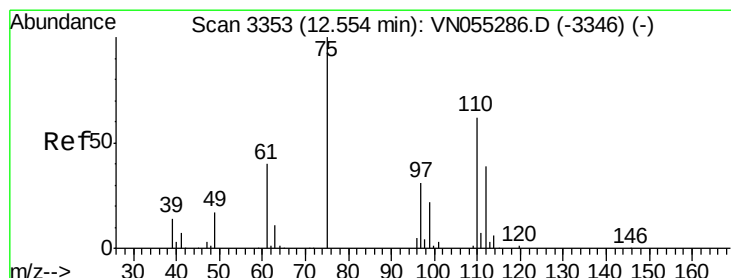
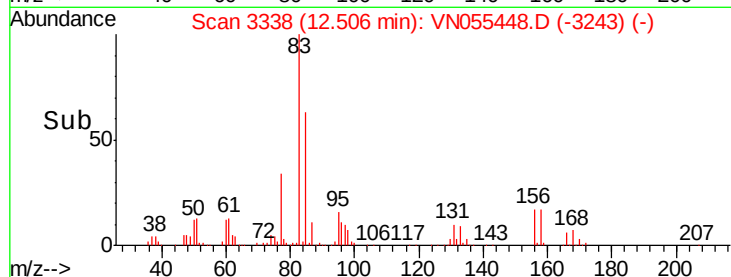
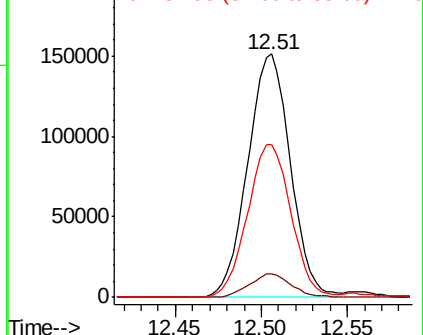
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 79.332 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055448.D

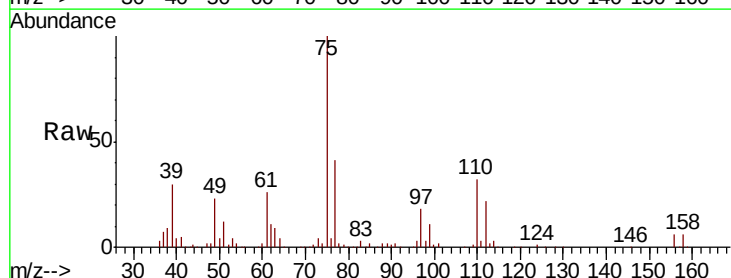
Acq: 7 May 2019 19:41

Tgt Ion: 75 Resp: 314857

Ion Ratio Lower Upper

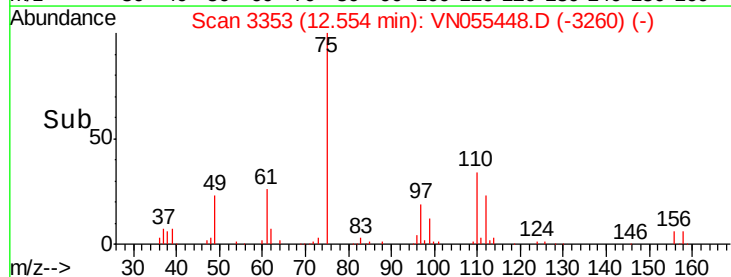
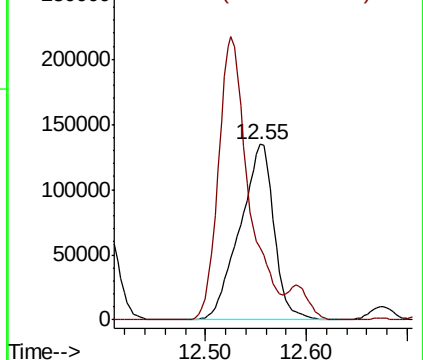
75 100

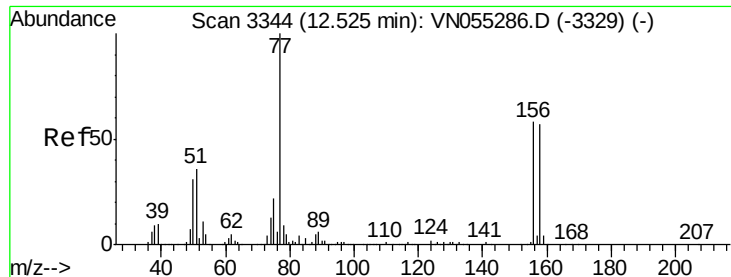
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN055286.D (-3346) (-)





#77

Bromobenzene

Concen: 51.865 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

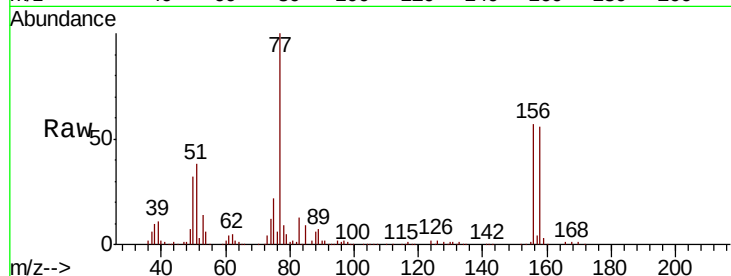
Tot Ion:156 Resp: 214922

Ion Ratio Lower Upper

156 100

77 211.9 99.6 298.8

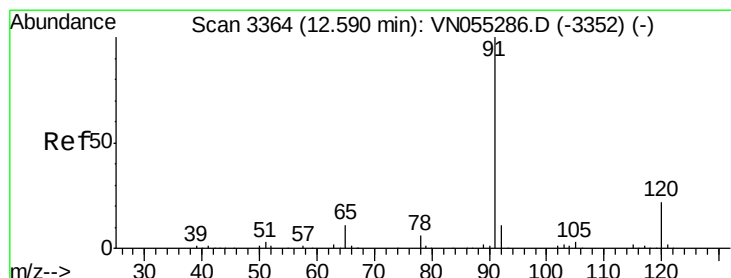
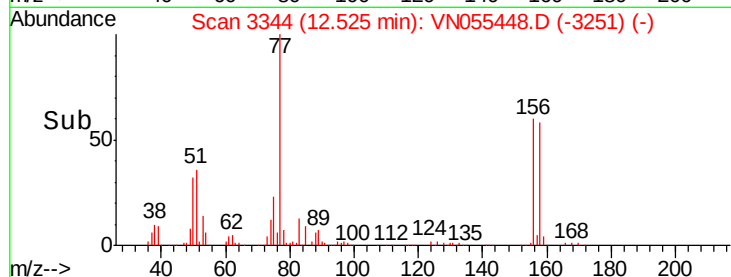
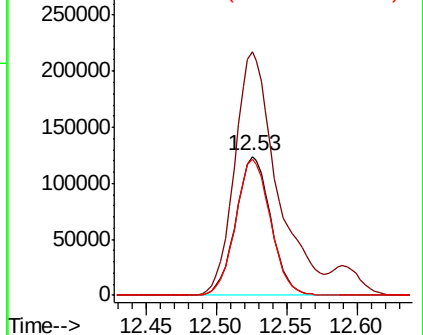
158 98.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.077 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055448.D

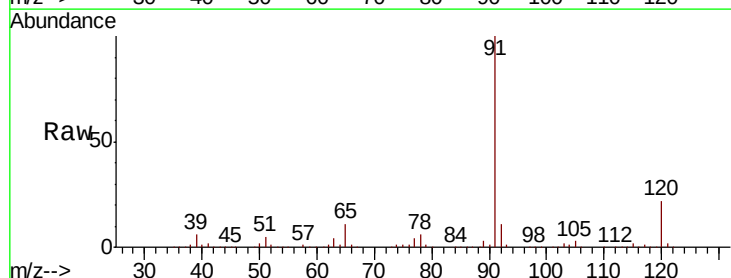
Acq: 7 May 2019 19:41

Tgt Ion: 91 Resp: 1029786

Ion Ratio Lower Upper

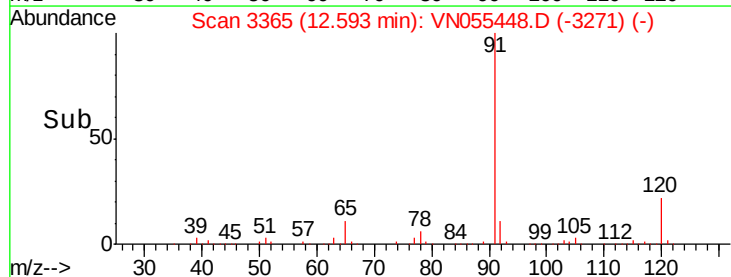
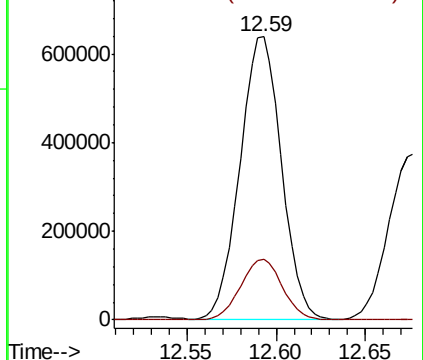
91 100

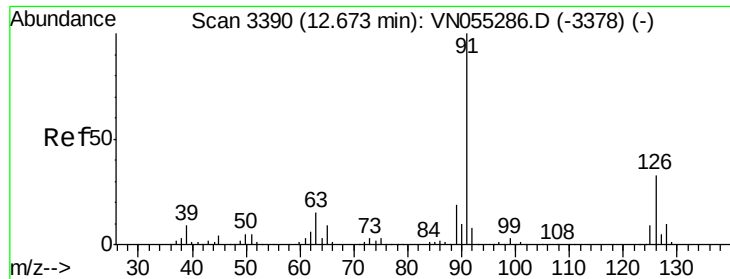
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

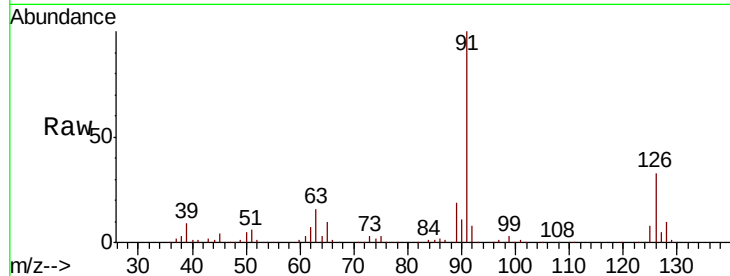




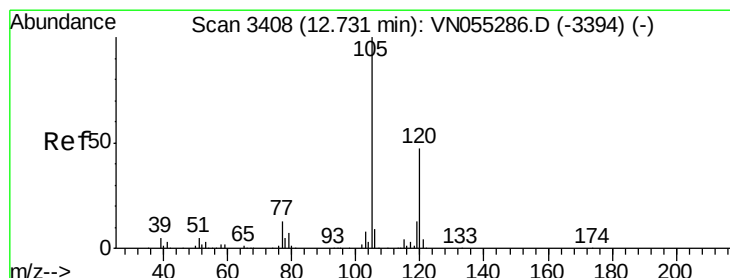
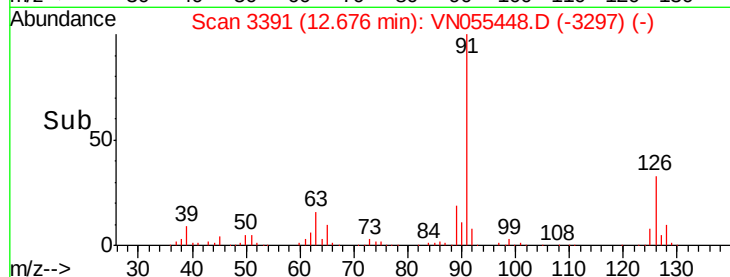
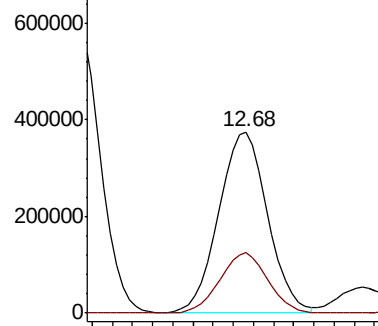
#79
 2-Chlorotoluene
 Concen: 53.499 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 628638
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7

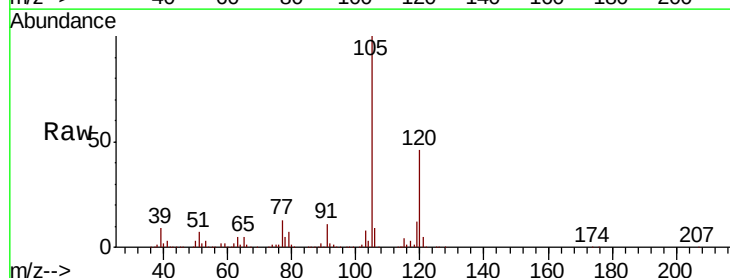


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

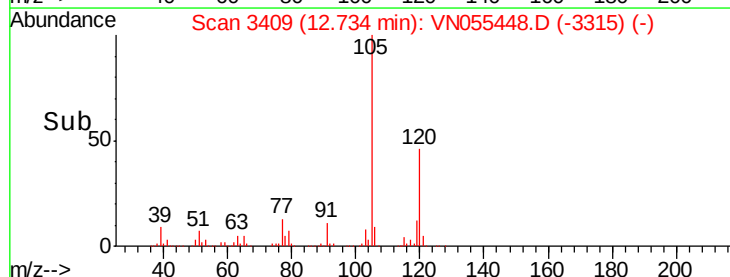
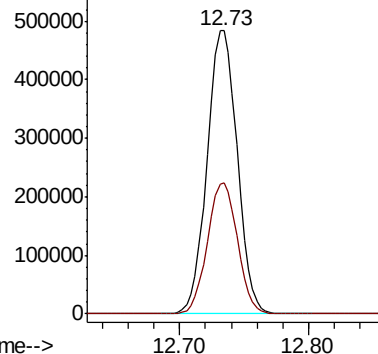


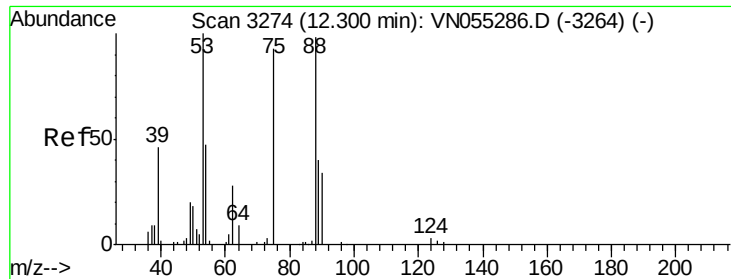
#80
 1,3,5-Trimethylbenzene
 Concen: 45.879 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion: 105 Resp: 782557
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.575 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

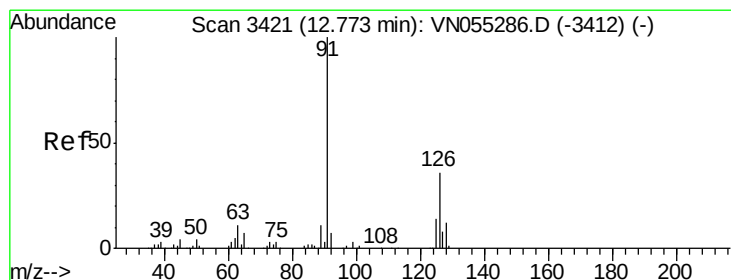
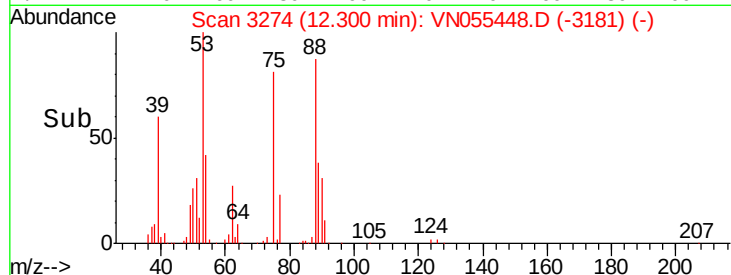
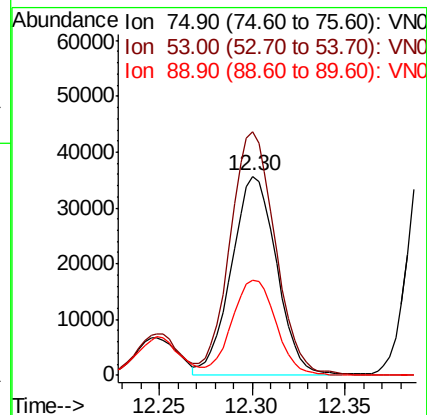
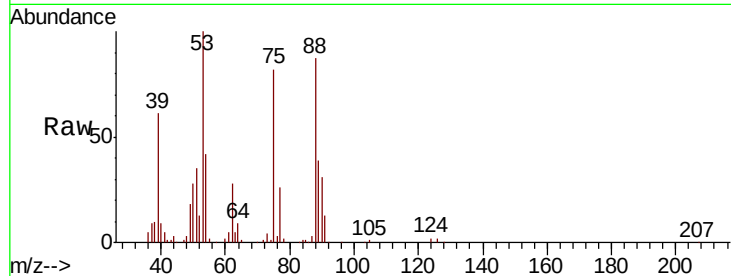
Tot Ion: 75 Resp: 60361

Ion Ratio Lower Upper

75 100

53 122.8 86.3 129.5

89 46.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 46.871 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055448.D

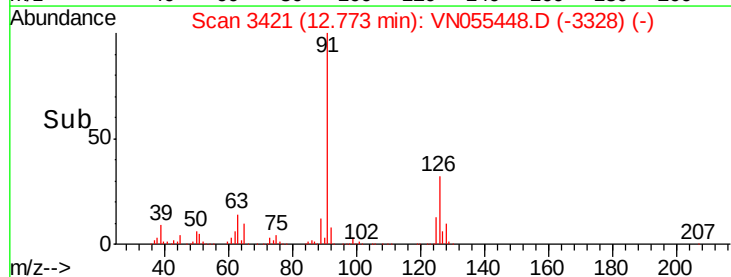
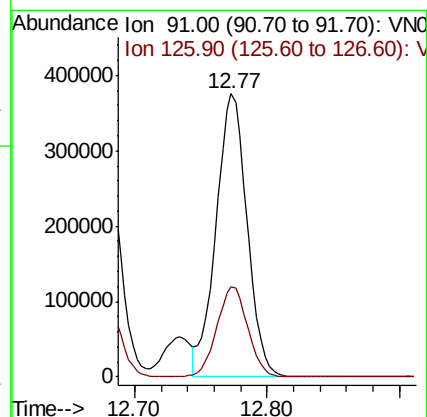
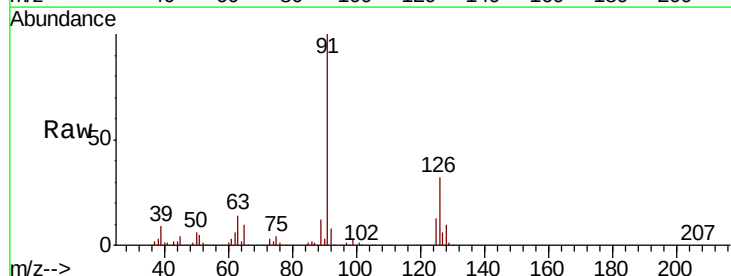
Acq: 7 May 2019 19:41

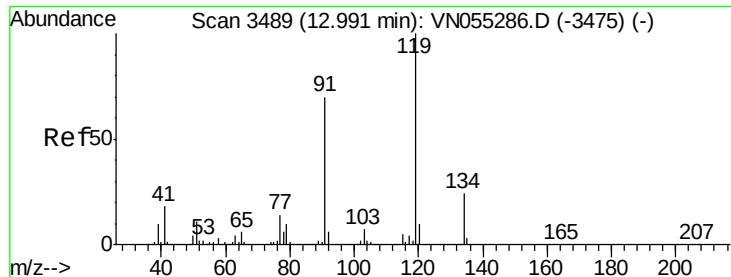
Tgt Ion: 91 Resp: 609067

Ion Ratio Lower Upper

91 100

126 31.9 16.6 49.7

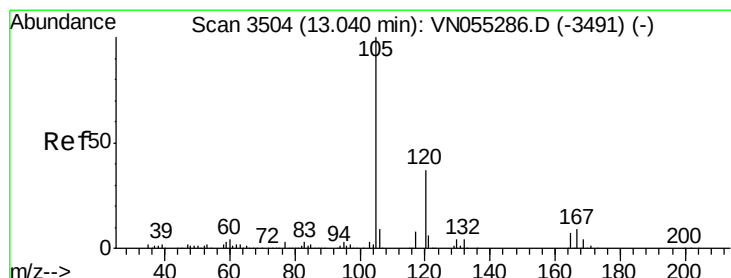
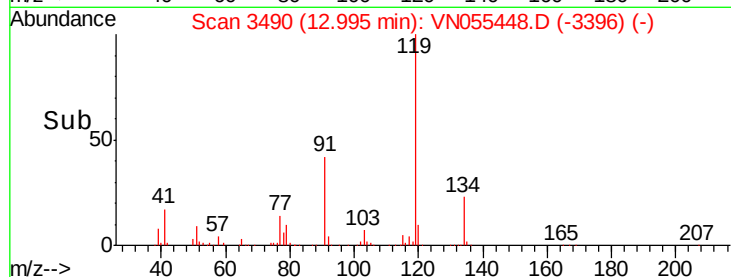
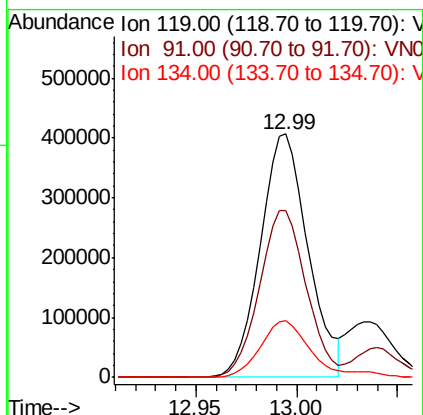
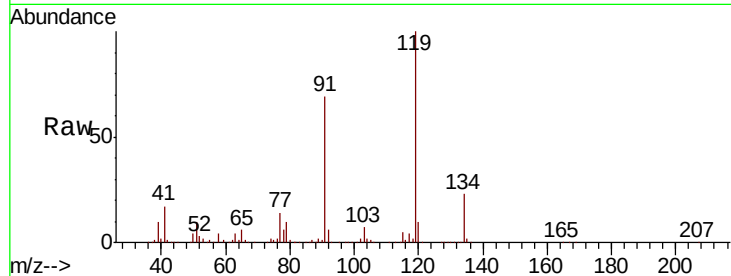




#83
 tert-Butylbenzene
 Concen: 55.849 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

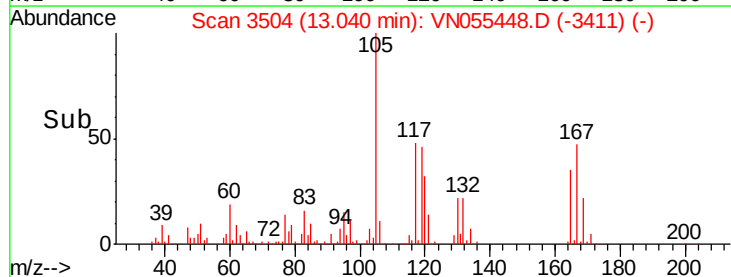
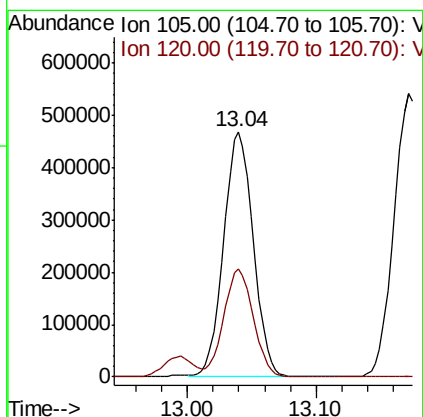
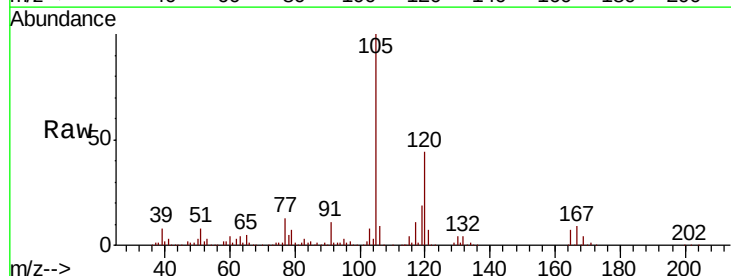
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

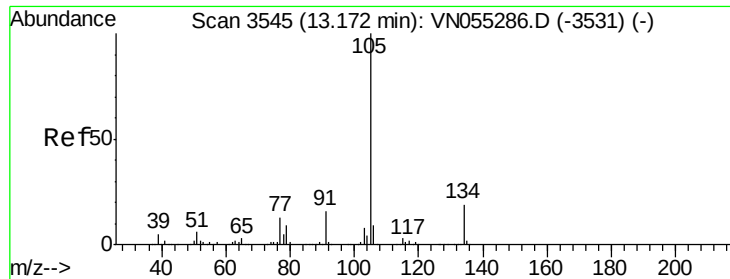
Tot Ion:119 Resp: 670166
 Ion Ratio Lower Upper
 119 100
 91 67.4 34.3 102.9
 134 25.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.766 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion:105 Resp: 743915
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.242 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

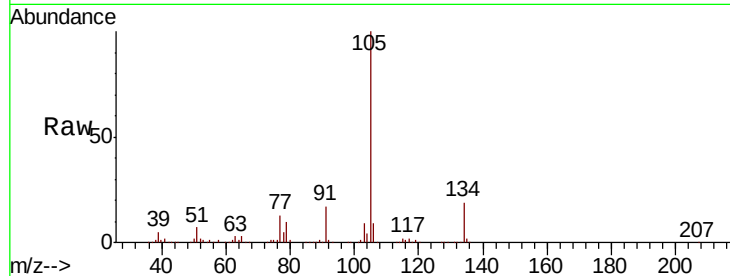
VSTDCCC050EC

Tot Ion:105 Resp: 875842

Ion Ratio Lower Upper

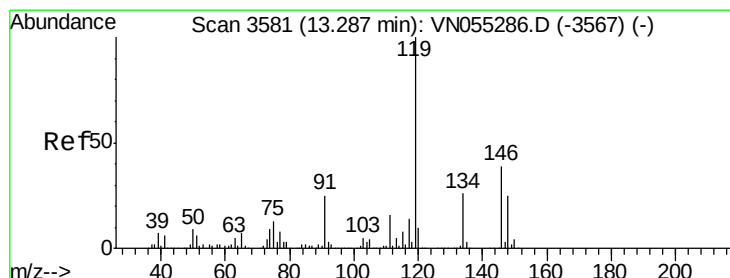
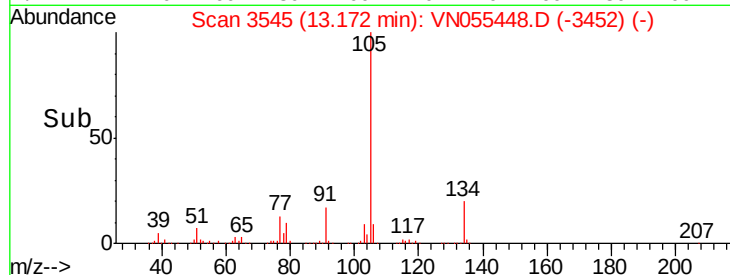
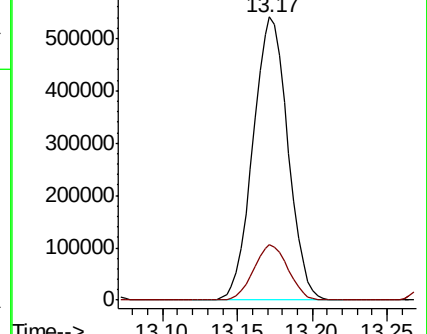
105 100

134 19.4 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.863 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

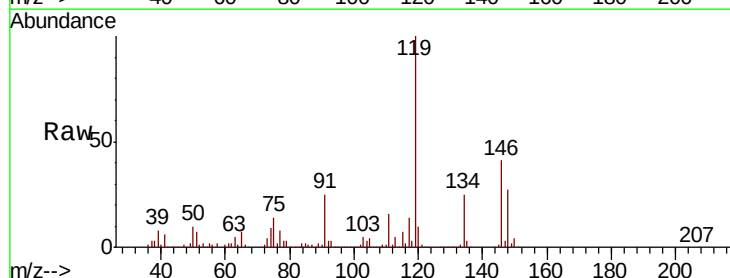
Tgt Ion:119 Resp: 759800

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

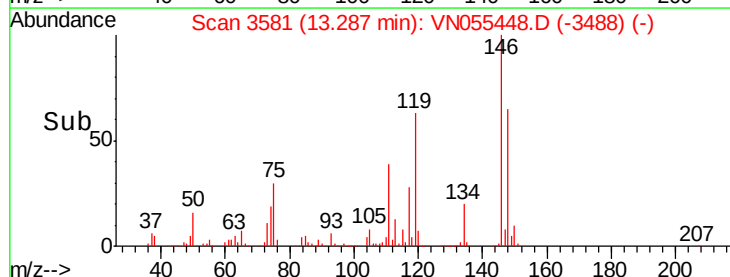
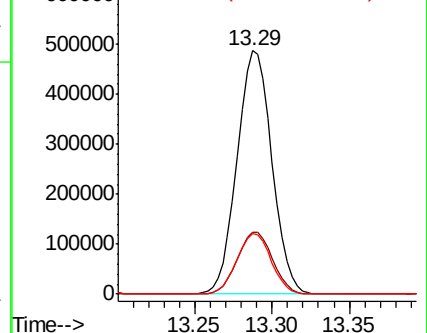
91 24.6 12.2 36.6

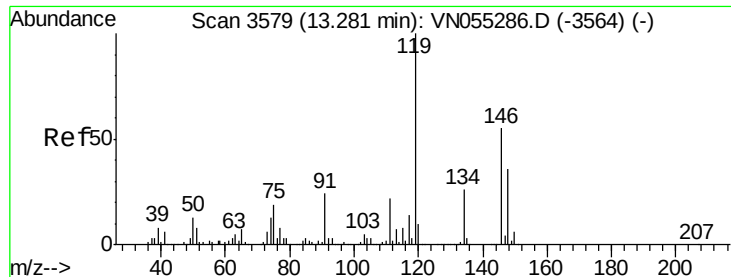


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.958 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

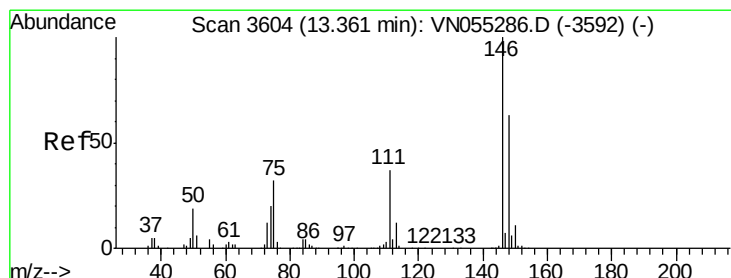
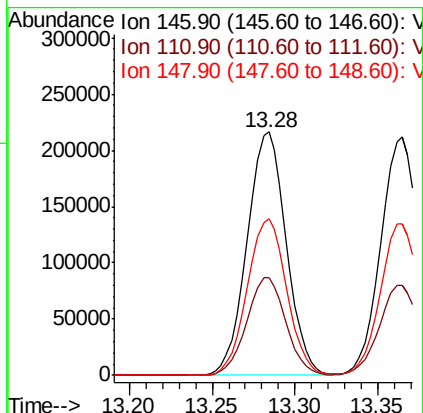
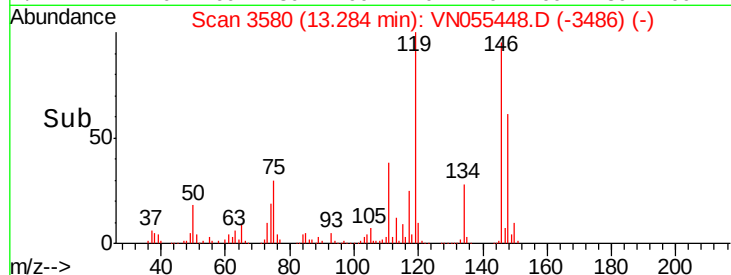
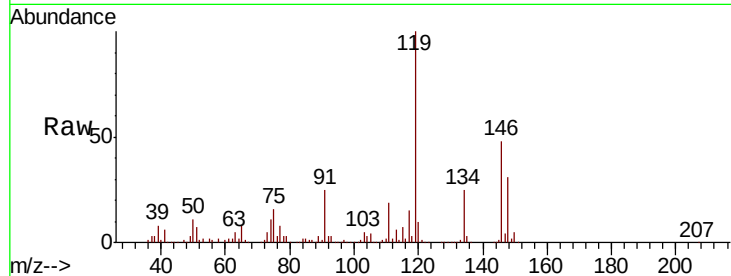
Tot Ion:146 Resp: 356439

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

148 64.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 50.342 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

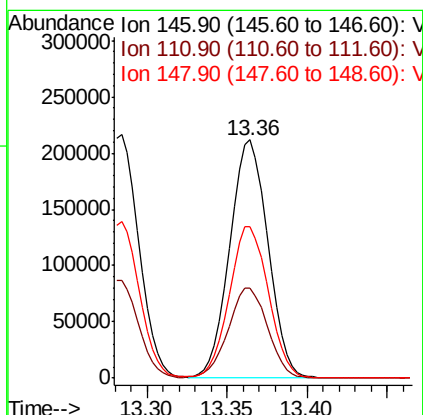
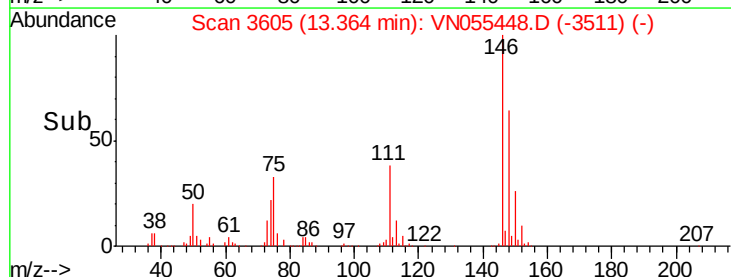
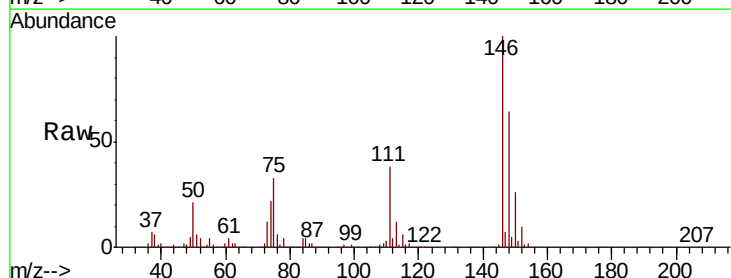
Tgt Ion:146 Resp: 345160

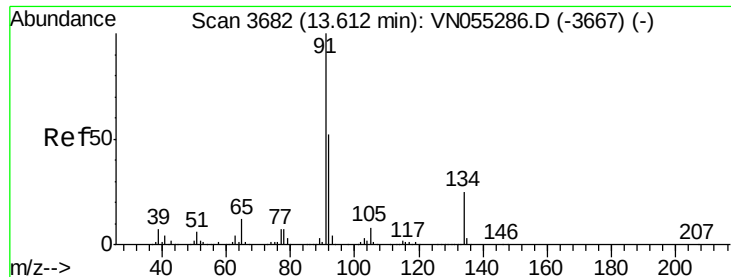
Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 65.2 32.5 97.4





#89

n-Butylbenzene

Concen: 55.170 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

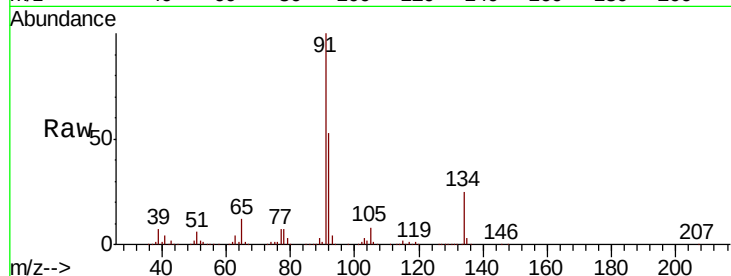
Tot Ion: 91 Resp: 597363

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

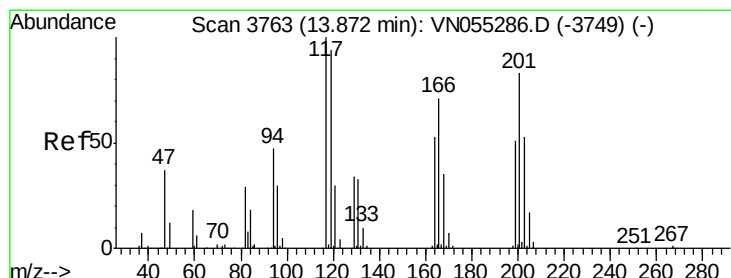
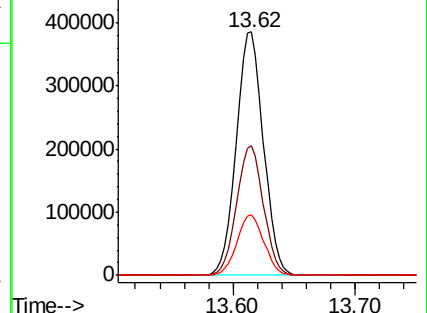
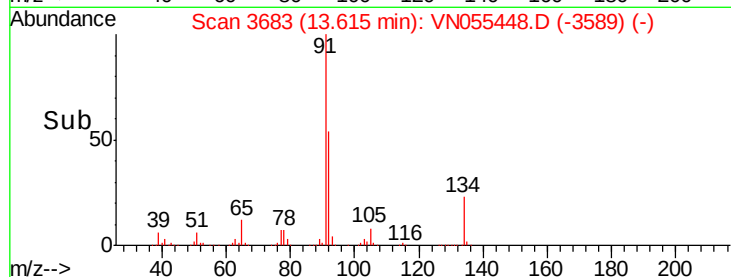
134 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: 51.036 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055448.D

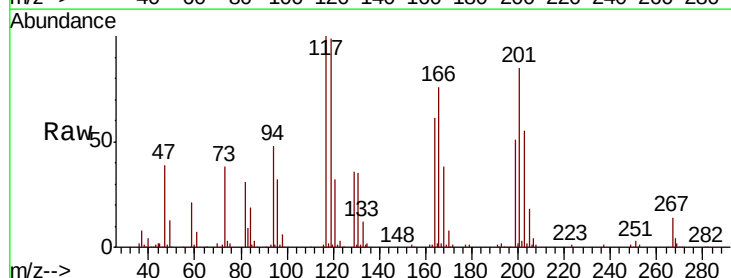
Acq: 7 May 2019 19:41

Tgt Ion: 117 Resp: 123055

Ion Ratio Lower Upper

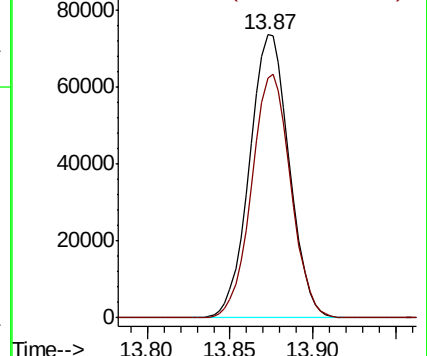
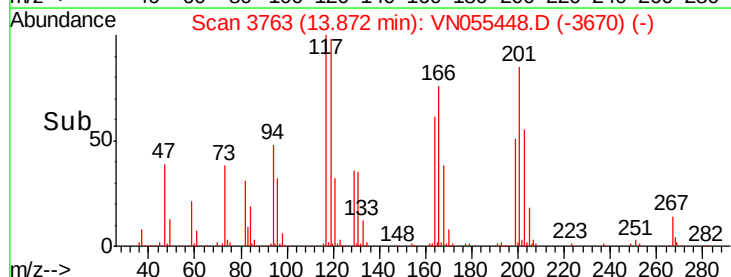
117 100

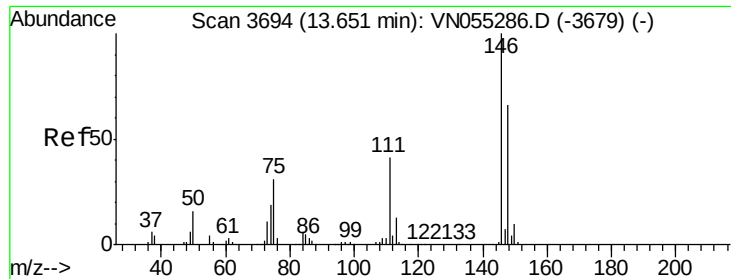
201 84.7 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

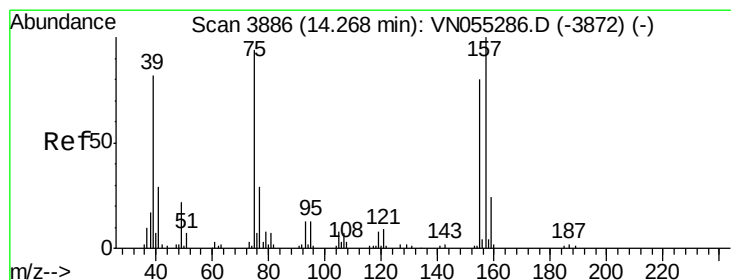
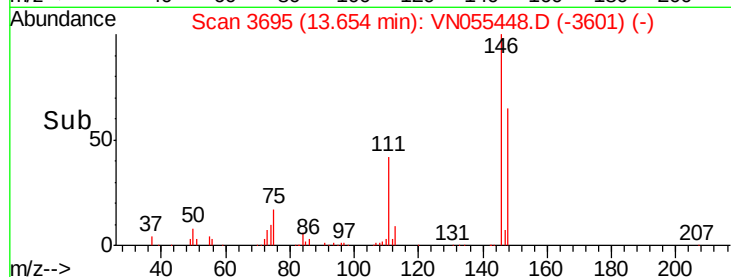
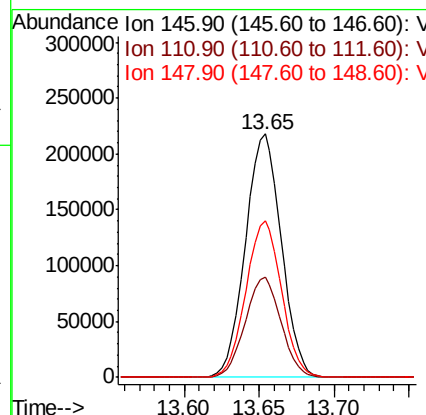
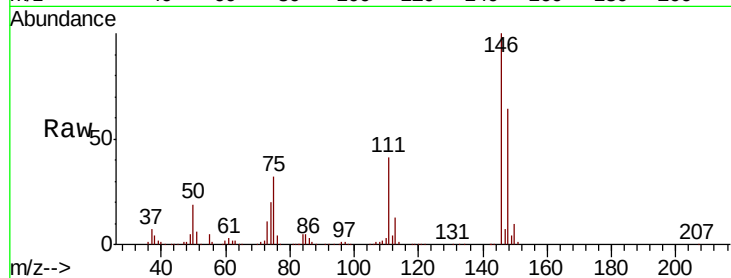




#91
 1,2-Dichlorobenzene
 Concen: 50.531 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

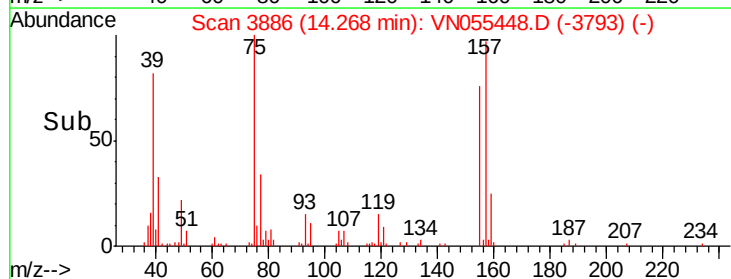
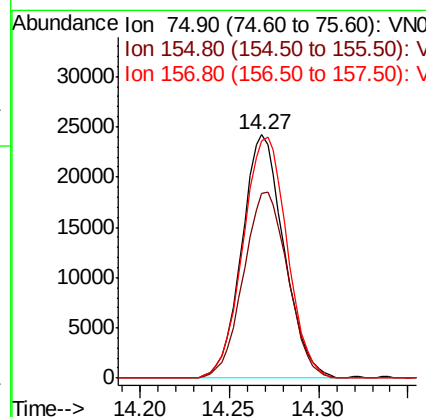
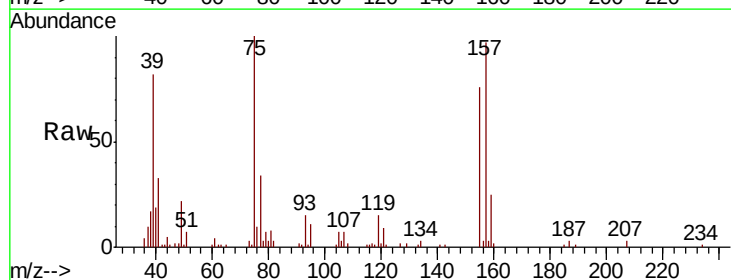
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

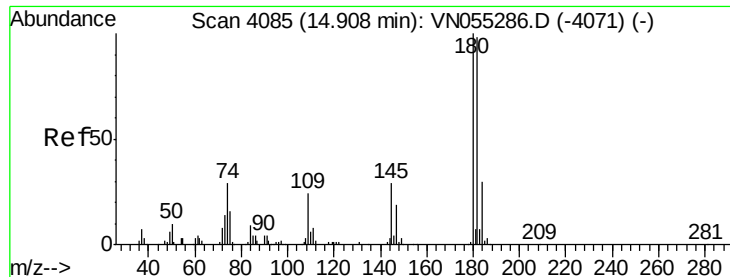
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.7	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.848 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	41.5	124.6
157	103.4	54.0	162.2

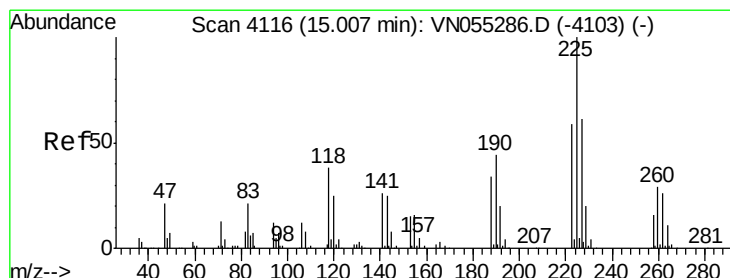
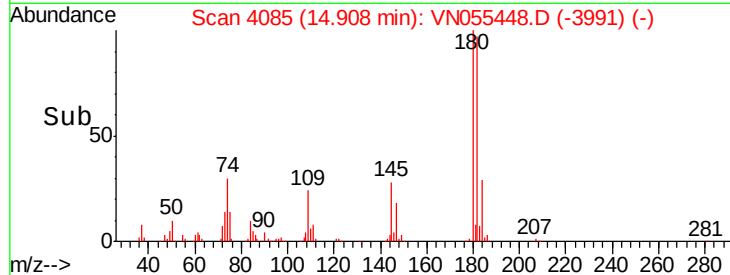
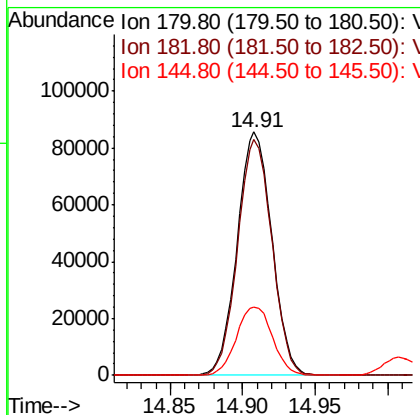
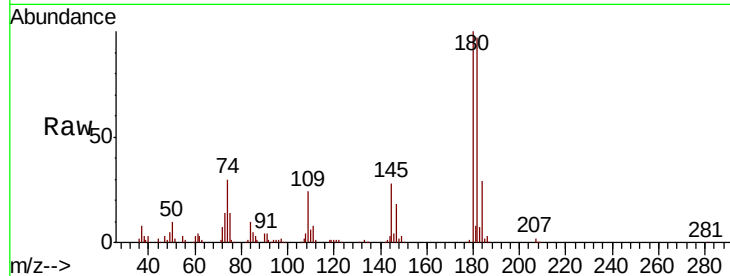




#93
 1,2,4-Trichlorobenzene
 Concen: 49.965 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

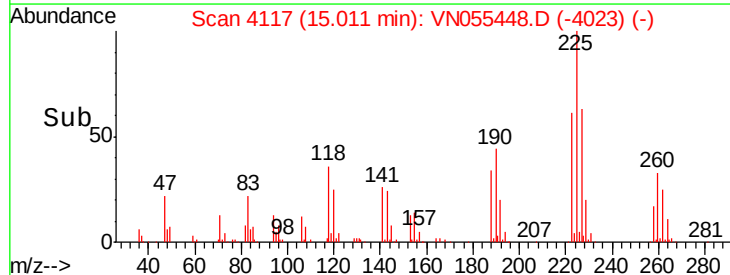
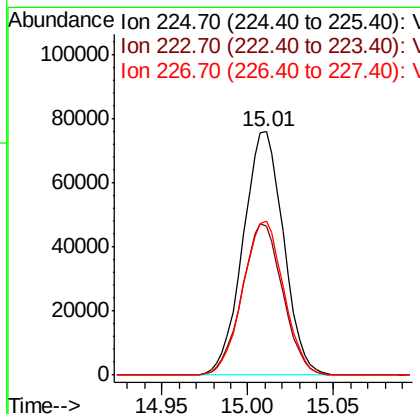
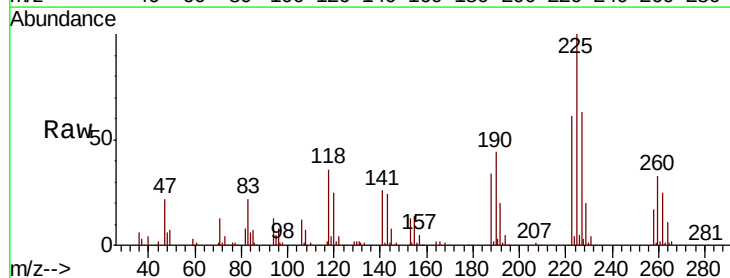
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

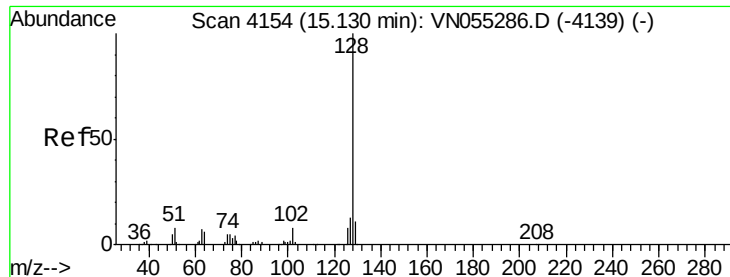
Tot Ion:180 Resp: 142132
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.3 144.9
 145 29.3 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 57.665 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055448.D
 Acq: 7 May 2019 19:41

Tgt Ion:225 Resp: 124279
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.3 90.8
 227 64.0 30.9 92.7





#95

Naphthalene

Concen: 51.061 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

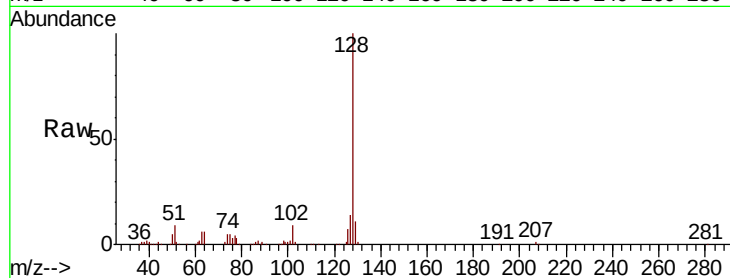
Tot Ion:128 Resp: 309255

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

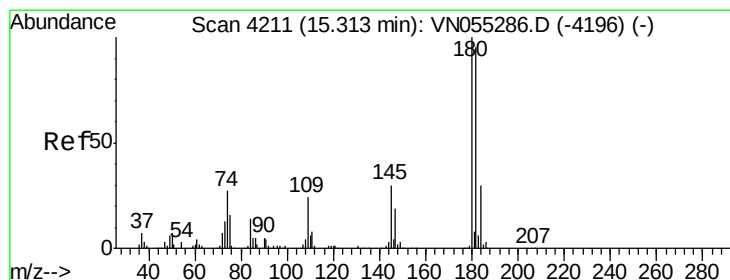
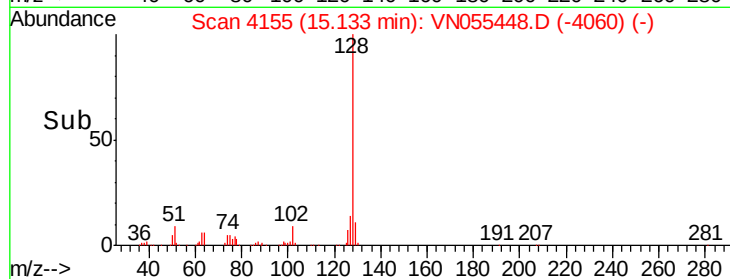
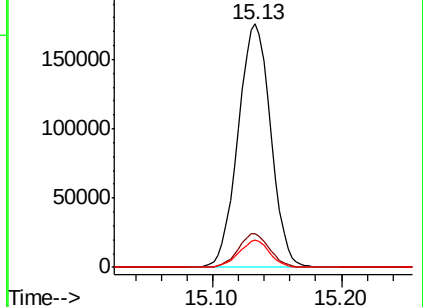
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.461 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055448.D

Acq: 7 May 2019 19:41

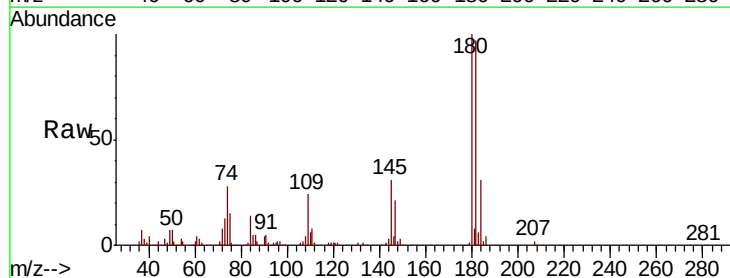
Tgt Ion:180 Resp: 147353

Ion Ratio Lower Upper

180 100

182 96.9 48.3 144.9

145 31.6 15.2 45.6



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

