

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056848.D
 Acq On : 19 Jul 2019 21:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 23:19:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	299924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	466829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187992	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	164053	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	145403	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	553015	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	191064	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	127429	45.248	ug/l	98
3) Chloromethane	2.06	50	178262	47.080	ug/l	99
4) Vinyl Chloride	2.18	62	167854	46.036	ug/l	100
5) Bromomethane	2.54	94	96086	44.813	ug/l	98
6) Chloroethane	2.69	64	98374	46.300	ug/l	96
7) Trichlorofluoromethane	3.01	101	224258	47.933	ug/l	99
8) Diethyl Ether	3.41	74	94668	51.899	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138096	49.129	ug/l	100
10) Methyl Iodide	3.95	142	185981	49.467	ug/l	99
11) Tert butyl alcohol	4.79	59	149247	270.272	ug/l	99
12) 1,1-Dichloroethene	3.73	96	138397	49.086	ug/l	96
13) Acrolein	3.60	56	42207	224.901	ug/l	97
14) Allyl chloride	4.32	41	236358	48.475	ug/l	99
15) Acrylonitrile	4.99	53	417447	261.772	ug/l	99
16) Acetone	3.82	43	327479	214.204	ug/l	99
17) Carbon Disulfide	4.05	76	331095	44.439	ug/l	100
18) Methyl Acetate	4.32	43	186003	54.254	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	463458	51.590	ug/l	97
20) Methylene Chloride	4.55	84	166948	49.970	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	147319	49.431	ug/l	97
22) Diisopropyl ether	5.95	45	501922	52.151	ug/l	99
23) Vinyl Acetate	5.90	43	2063822	264.626	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279954	50.171	ug/l	100
25) 2-Butanone	6.83	43	550649	246.359	ug/l	99
26) 2,2-Dichloropropane	6.82	77	176450	43.856	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	175922	51.299	ug/l	100
28) Bromochloromethane	7.19	49	135193	51.530	ug/l	100
29) Tetrahydrofuran	7.21	42	375808	257.787	ug/l	98
30) Chloroform	7.37	83	280066	50.157	ug/l	99
31) Cyclohexane	7.65	56	256538	48.371	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	228224	51.682	ug/l	99
36) 1,1-Dichloropropene	7.79	75	205449	47.559	ug/l	99
37) Ethyl Acetate	6.93	43	223135	52.408	ug/l	98
38) Carbon Tetrachloride	7.77	117	200049	49.381	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	252212	47.284	ug/l	98
40) Benzene	8.04	78	656165	49.573	ug/l	100
41) Methacrylonitrile	7.18	41	105125	56.211	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	207980	49.717	ug/l	100
43) Isopropyl Acetate	8.17	43	356751	53.299	ug/l	98
44) Trichloroethene	8.83	130	175393	48.797	ug/l	99
45) 1,2-Dichloropropane	9.12	63	177973	50.602	ug/l	98
46) Dibromomethane	9.21	93	111928	51.354	ug/l	98
47) Bromodichloromethane	9.40	83	213726	51.603	ug/l	99
48) Methyl methacrylate	9.20	41	173429	53.577	ug/l	99
49) 1,4-Dioxane	9.20	88	70112	1055.591	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1112571	256.638	ug/l	99
52) Toluene	10.16	92	401342	51.056	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	226019	52.306	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	256231	51.100	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167388	50.769	ug/l	99
56) Ethyl methacrylate	10.43	69	254355	53.616	ug/l	99
57) 1,3-Dichloropropane	10.71	76	275953	51.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	562788	246.701	ug/l	100
59) 2-Hexanone	10.75	43	801054	257.520	ug/l	99
60) Dibromochloromethane	10.90	129	172734	53.271	ug/l	100
61) 1,2-Dibromoethane	11.00	107	174076	53.126	ug/l	99
64) Tetrachloroethene	10.63	164	176883	48.987	ug/l	99
65) Chlorobenzene	11.43	112	436104	50.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	162371	51.530	ug/l	98
67) Ethyl Benzene	11.51	91	762583	50.704	ug/l	99
68) m/p-Xylenes	11.62	106	569189	101.265	ug/l	99
69) o-Xylene	11.95	106	279948	50.661	ug/l	98
70) Styrene	11.96	104	473607	53.013	ug/l	100
71) Bromoform	12.13	173	129317	53.938	ug/l #	98
73) Isopropylbenzene	12.25	105	740351	48.842	ug/l	99
74) N-amyl acetate	12.07	43	277964	49.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238775	54.577	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	294131	71.536	ug/l #	100
77) Bromobenzene	12.52	156	196125	49.468	ug/l	97
78) n-propylbenzene	12.59	91	817305	48.568	ug/l	99
79) 2-Chlorotoluene	12.67	91	496440	53.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	628997	48.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66505	49.953	ug/l	100
82) 4-Chlorotoluene	12.77	91	483506	48.960	ug/l	100
83) tert-Butylbenzene	12.99	119	544068	54.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	617842	49.228	ug/l	99
85) sec-Butylbenzene	13.17	105	699224	48.981	ug/l	99
86) p-Isopropyltoluene	13.29	119	638114	49.344	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	319071	49.107	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	311821	49.337	ug/l	99
89) n-Butylbenzene	13.61	91	503690	48.354	ug/l	99
90) Hexachloroethane	13.87	117	106130	50.749	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	326618	49.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40620	49.975	ug/l	99

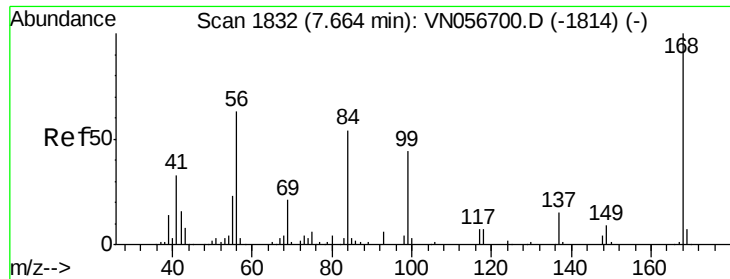
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	158286	43.623	ug/l	99
94) Hexachlorobutadiene	15.01	225	111472	53.481	ug/l	99
95) Naphthalene	15.13	128	403352	40.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161639	44.721	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

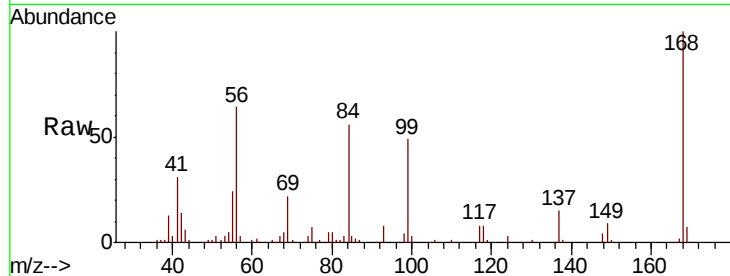
VSTDCCC050EC

Tot Ion:168 Resp: 299924

Ion Ratio Lower Upper

168 100

99 48.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

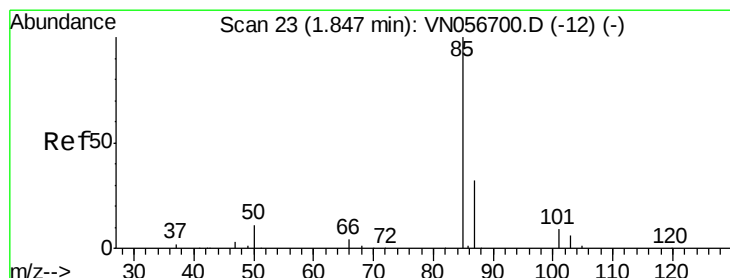
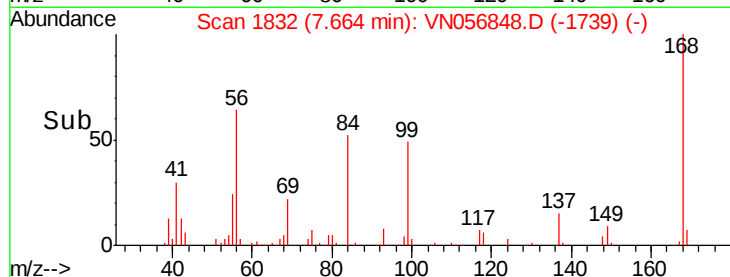
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 45.248 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056848.D

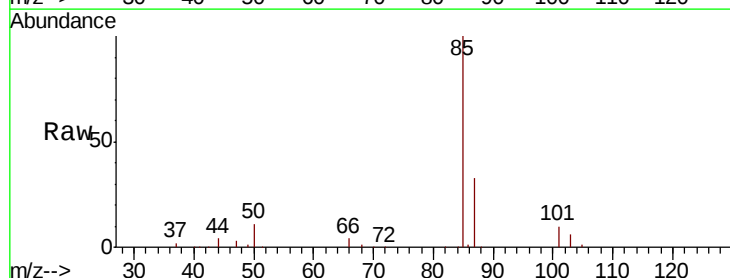
Acq: 19 Jul 2019 21:30

Tgt Ion: 85 Resp: 127429

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

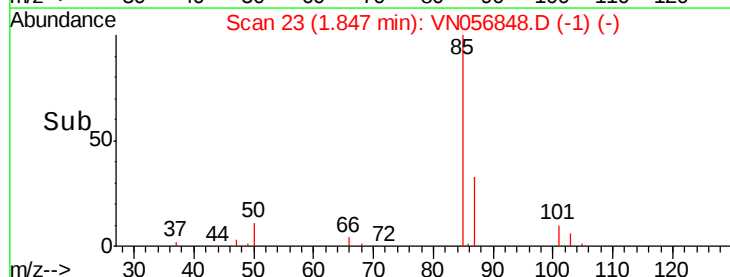
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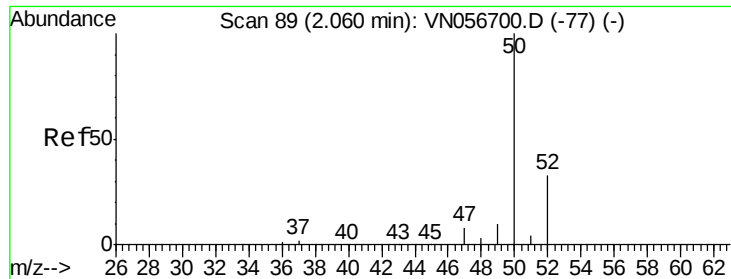
20000

0

Time-->

1.80 1.90





#3

Chloromethane

Concen: 47.080 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

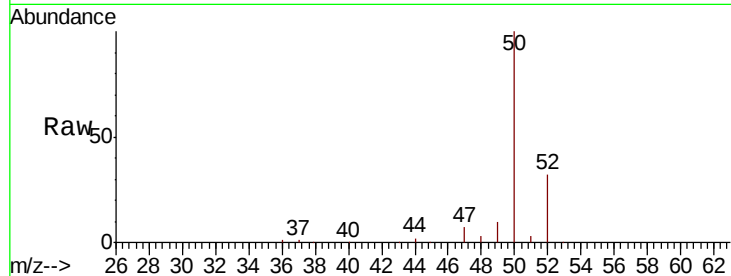
VSTDCCC050EC

Tot Ion: 50 Resp: 178262

Ion Ratio Lower Upper

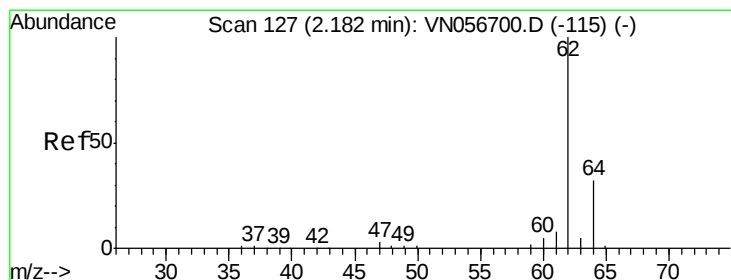
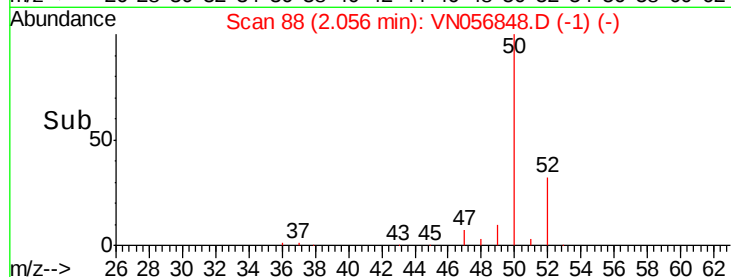
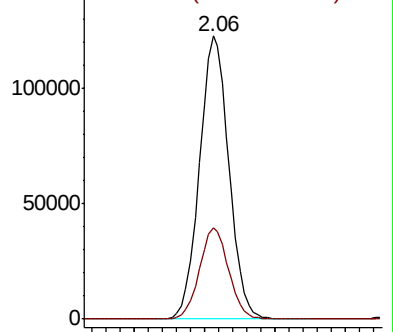
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 46.036 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056848.D

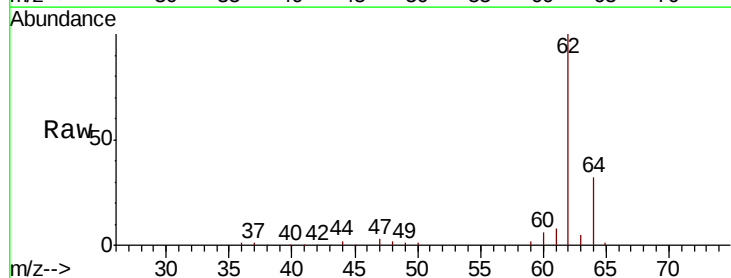
Acq: 19 Jul 2019 21:30

Tgt Ion: 62 Resp: 167854

Ion Ratio Lower Upper

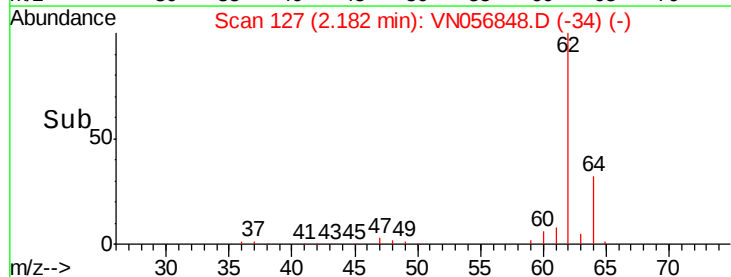
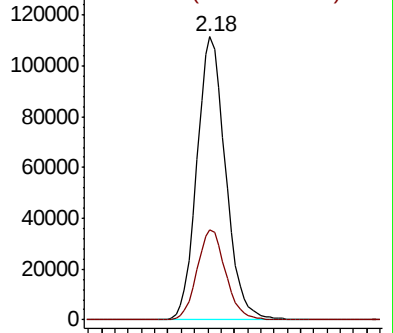
62 100

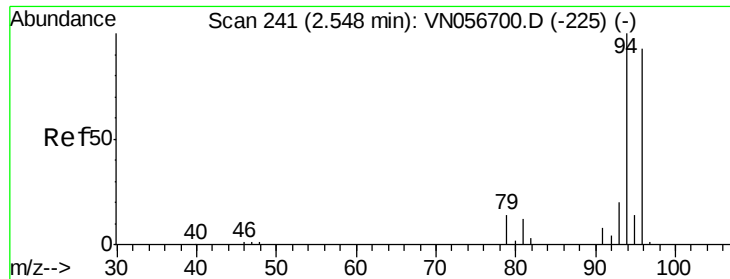
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

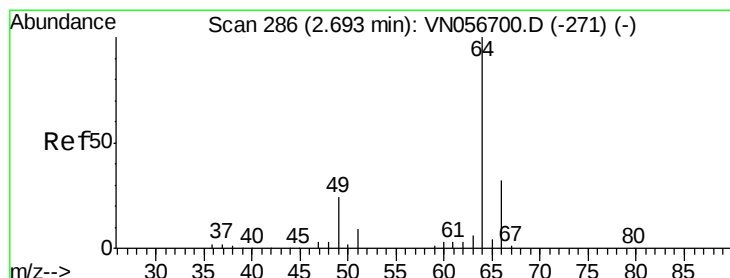
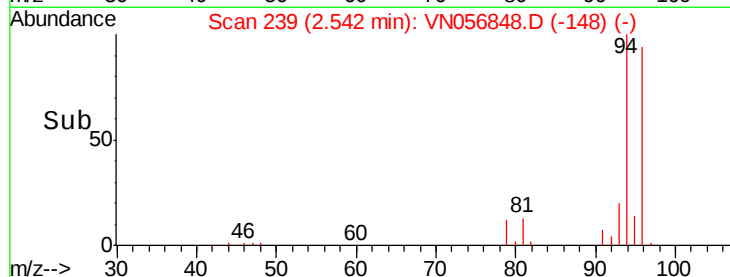
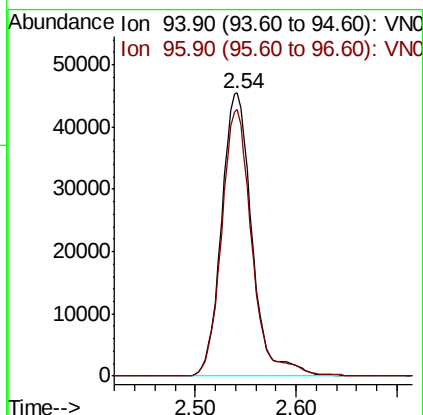
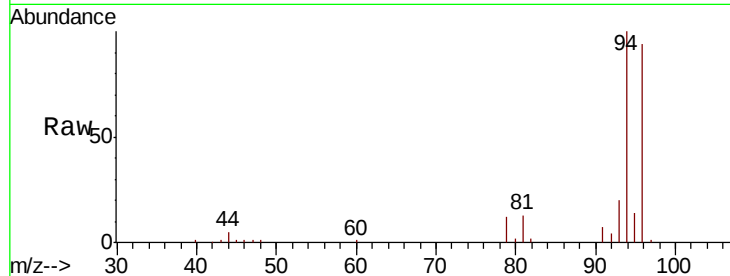




#5
Bromomethane
Concen: 44.813 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

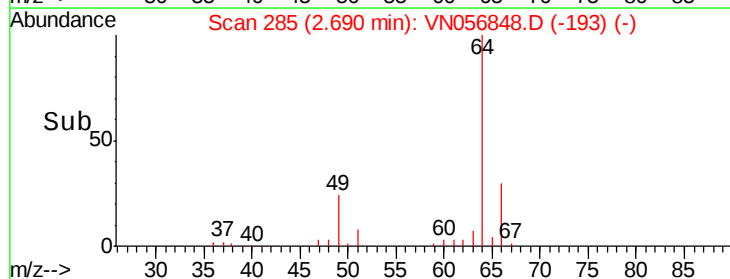
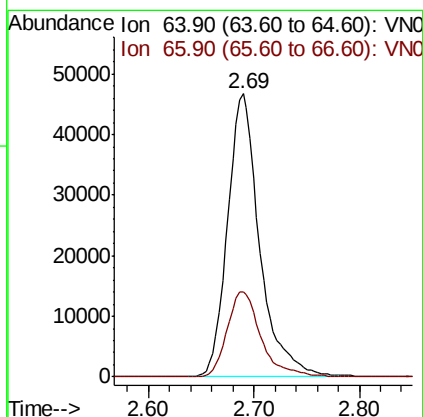
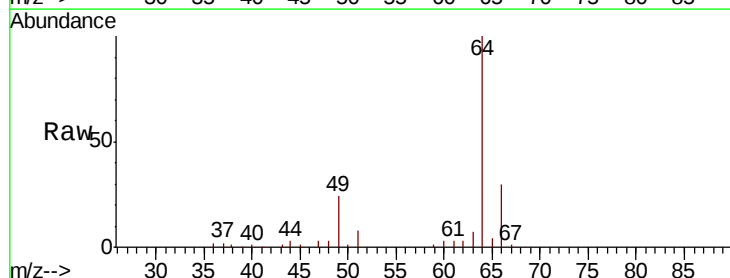
Instrument :
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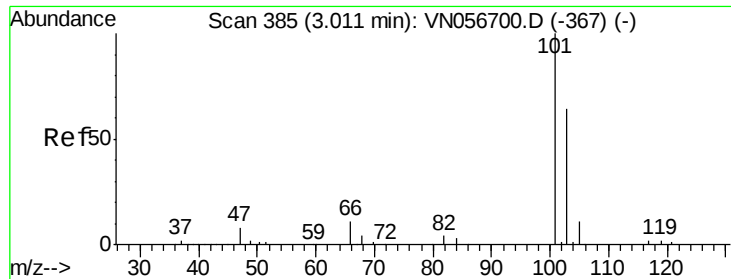
Tot Ion: 94 Resp: 96086
Ion Ratio Lower Upper
94 100
96 94.1 74.0 111.0



#6
Chloroethane
Concen: 46.300 ug/l
RT: 2.69 min Scan# 285
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 64 Resp: 98374
Ion Ratio Lower Upper
64 100
66 30.0 25.8 38.8



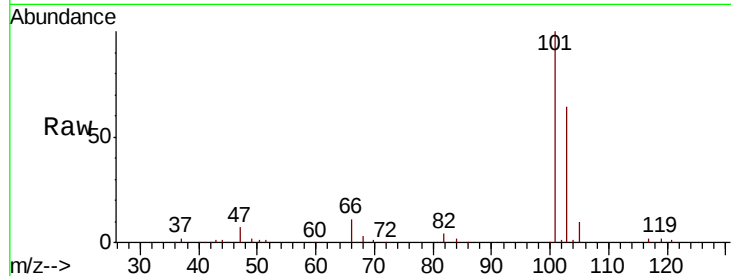


#7

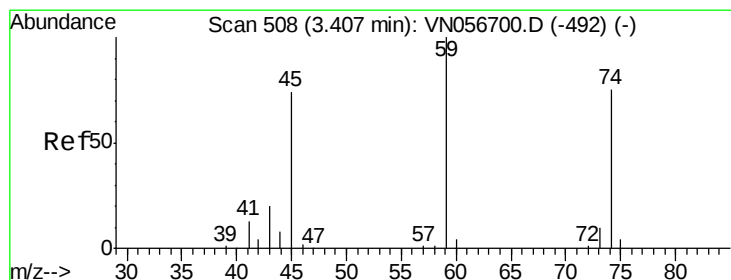
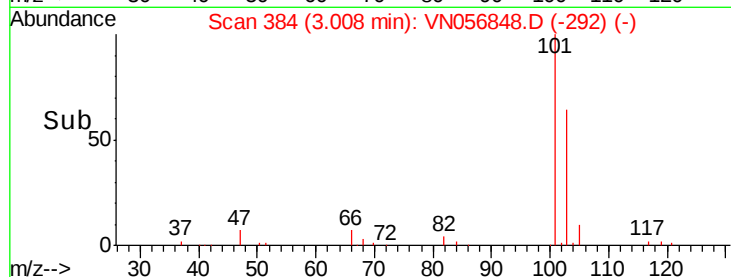
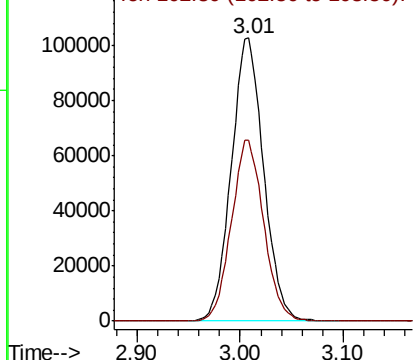
Trichlorofluoromethane
Concen: 47.933 ug/l
RT: 3.01 min Scan# 384
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:101 Resp: 224258
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3



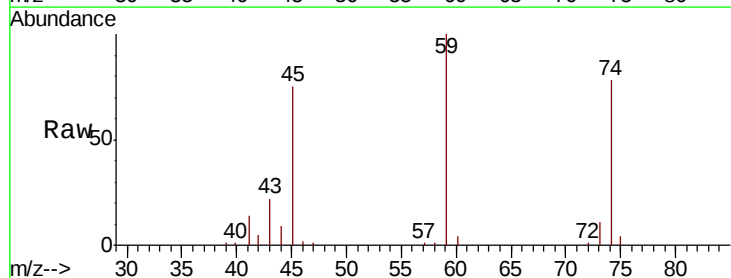
Abundance Ion 100.90 (100.60 to 101.60): V
120000 Ion 102.80 (102.50 to 103.50): V



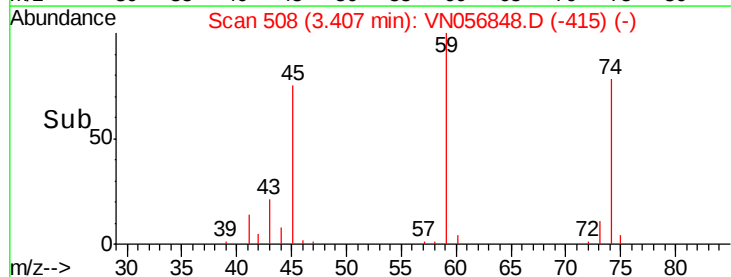
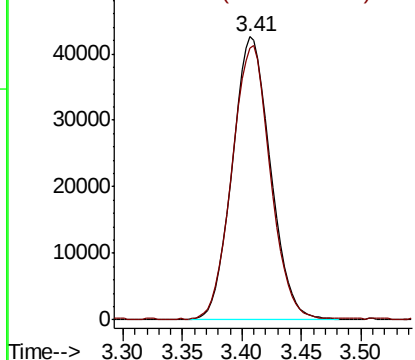
#8

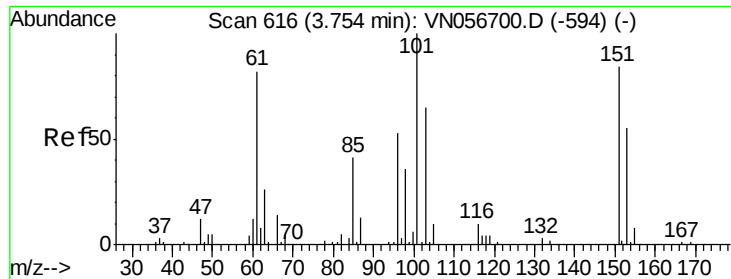
Diethyl Ether
Concen: 51.899 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 74 Resp: 94668
Ion Ratio Lower Upper
74 100
45 96.3 49.4 148.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
50000 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.129 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

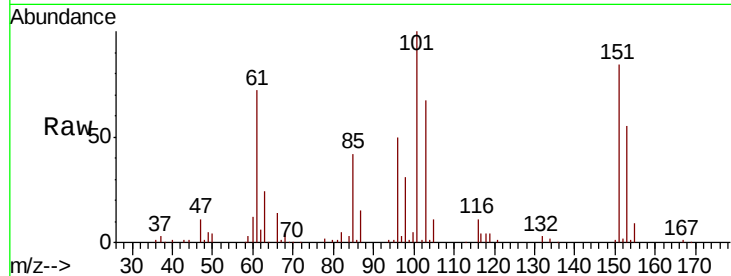
Tot Ion:101 Resp: 138096

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

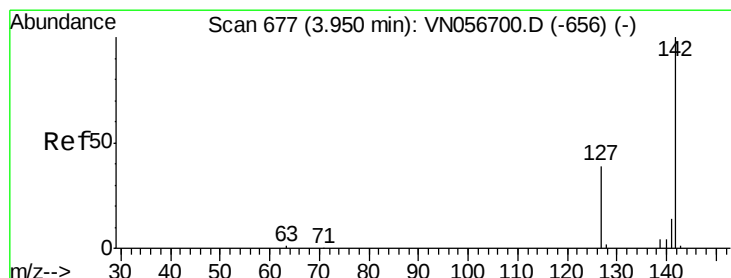
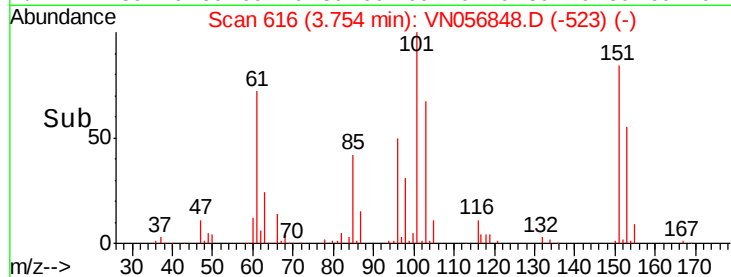
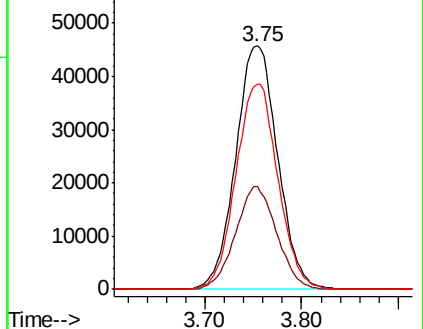
151 84.2 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.467 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

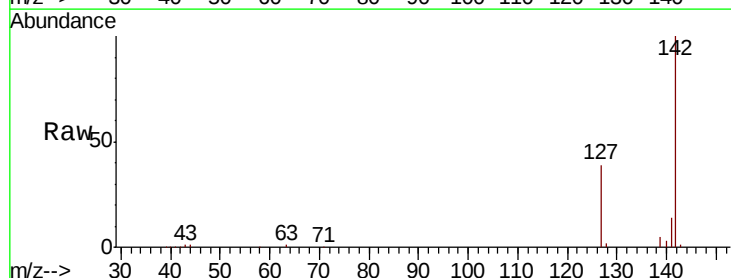
Tgt Ion:142 Resp: 185981

Ion Ratio Lower Upper

142 100

127 38.1 30.7 46.1

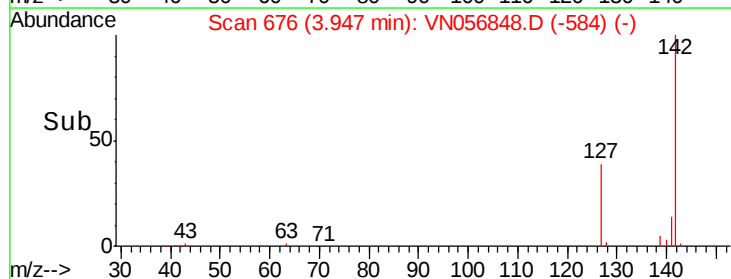
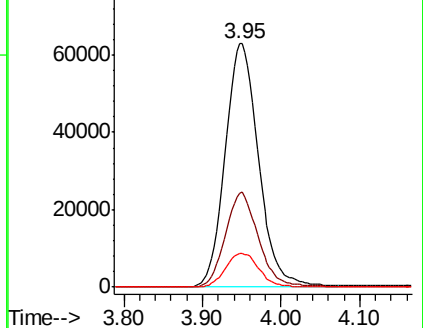
141 13.8 11.3 16.9

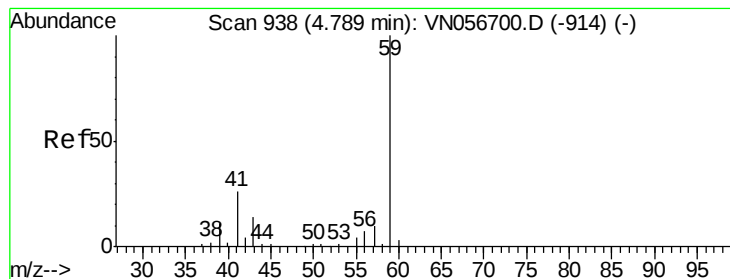


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



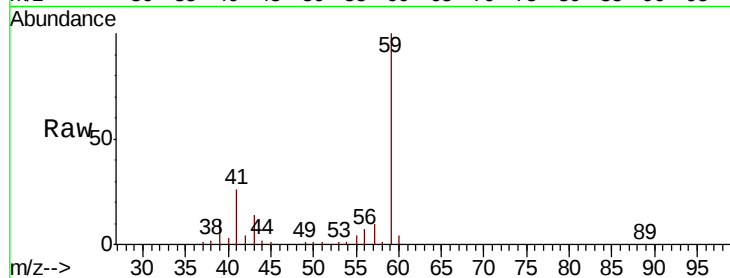


#11

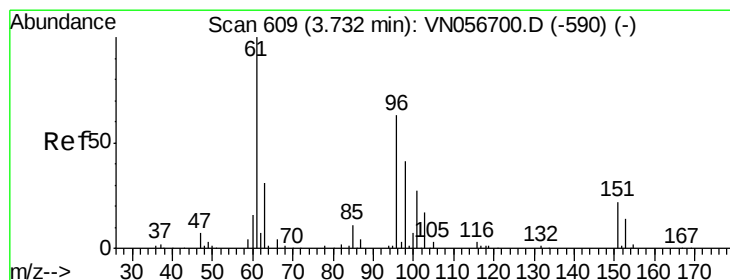
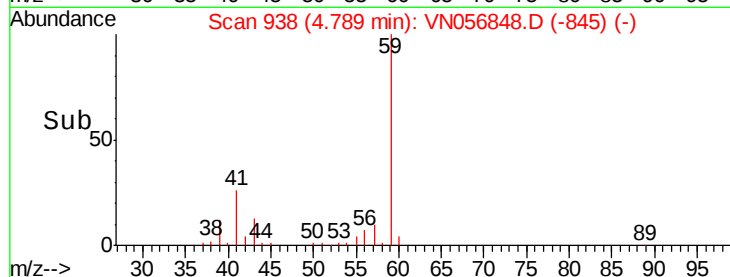
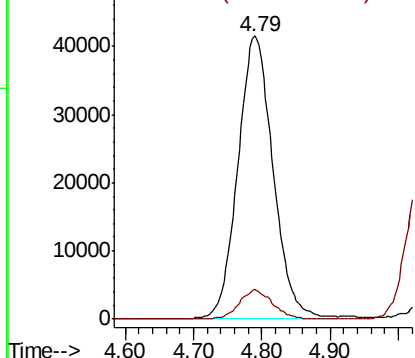
Tert butyl alcohol
 Concen: 270.272 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 149247
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.0 12.0



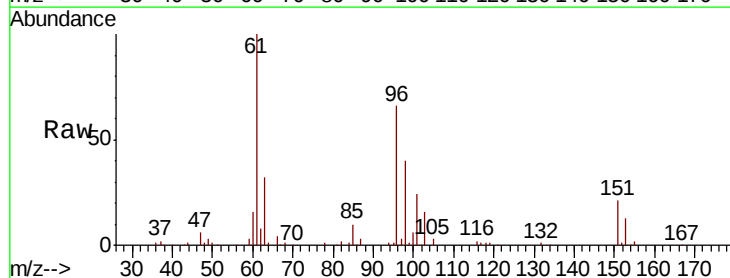
Abundance Ion 59.00 (58.70 to 59.70): VNO
 Ion 57.00 (56.70 to 57.70): VNO



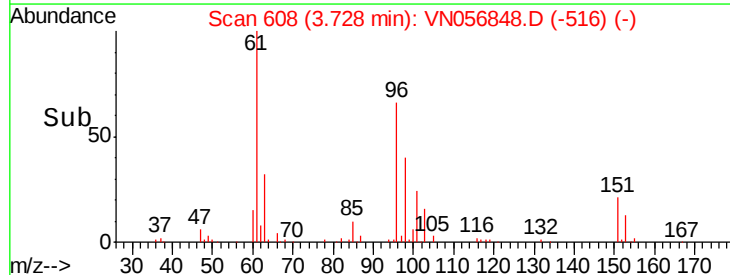
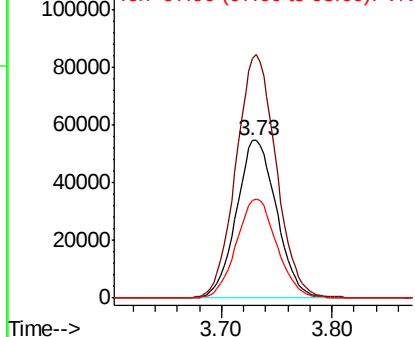
#12

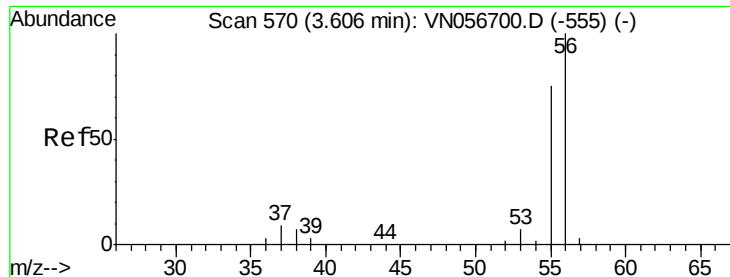
1,1-Dichloroethene
 Concen: 49.086 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 96 Resp: 138397
 Ion Ratio Lower Upper
 96 100
 61 152.3 126.6 189.8
 98 61.7 51.4 77.2



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





#13

Acrolein

Concen: 224.901 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

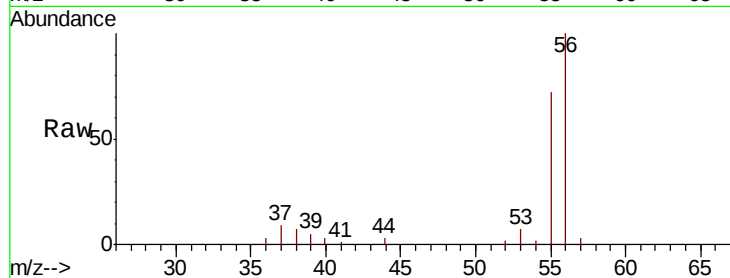
VSTDCCC050EC

Tot Ion: 56 Resp: 42207

Ion Ratio Lower Upper

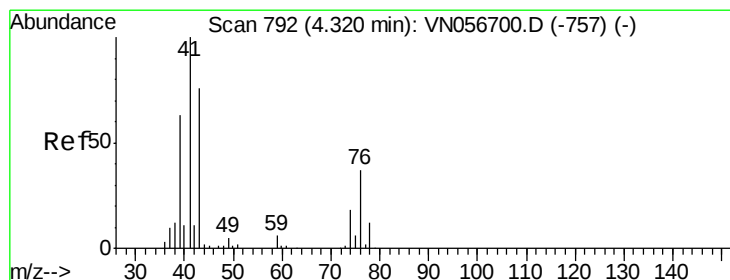
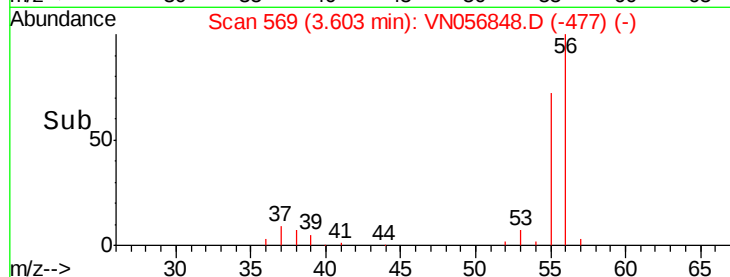
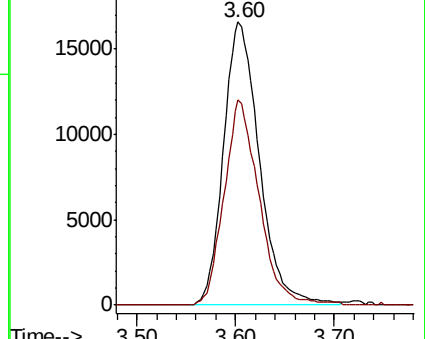
56 100

55 70.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.475 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

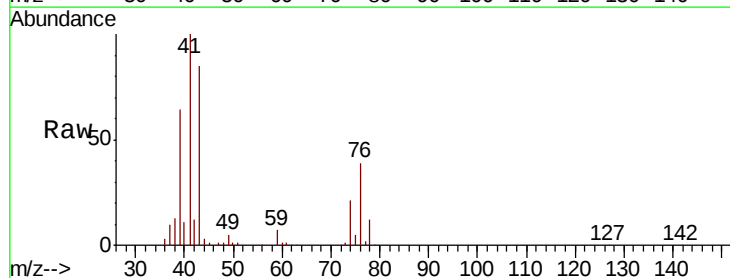
Tgt Ion: 41 Resp: 236358

Ion Ratio Lower Upper

41 100

39 58.6 46.9 70.3

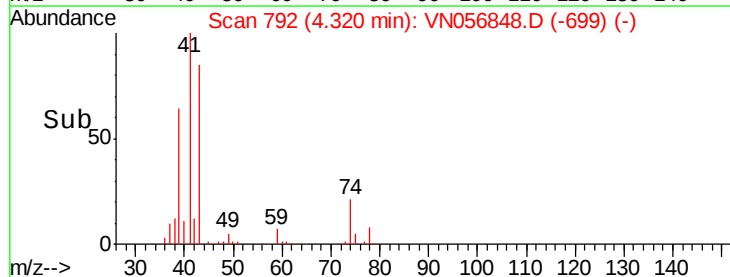
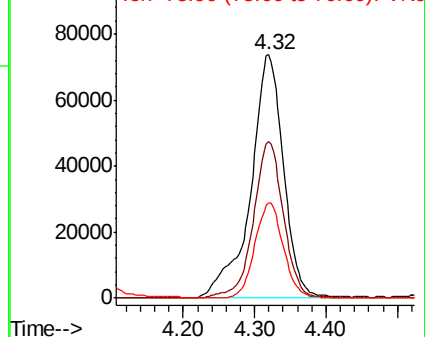
76 33.9 26.5 39.7

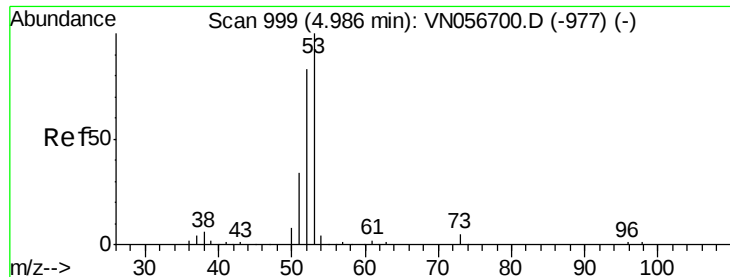


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 261.772 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

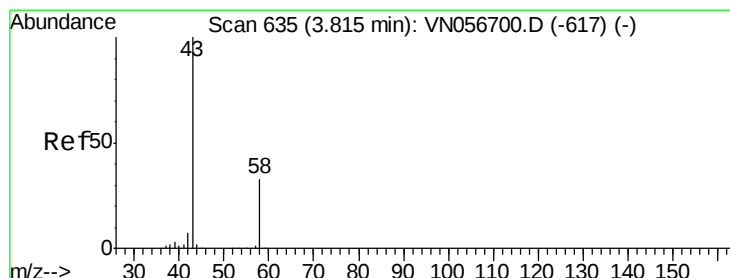
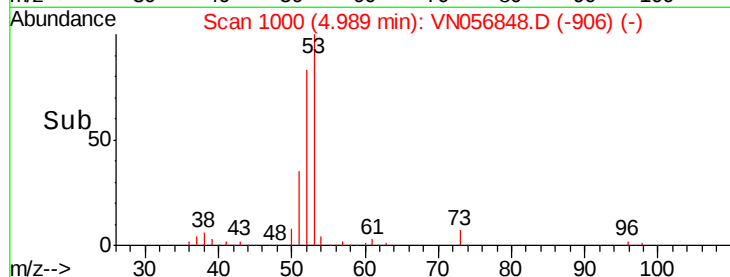
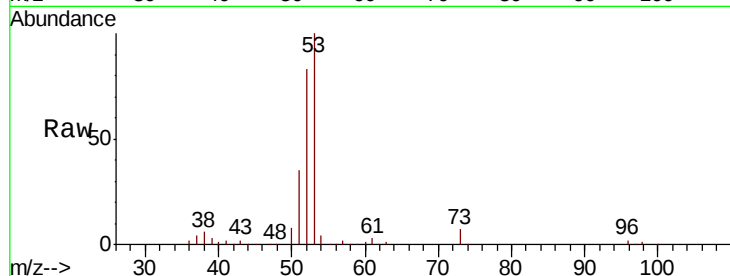
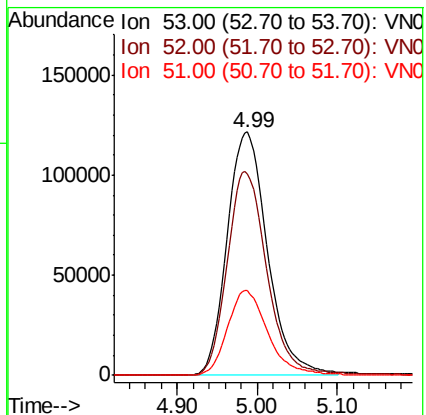
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 417447

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.6	99.8
51	35.1	28.4	42.6



#16

Acetone

Concen: 214.204 ug/l

RT: 3.82 min Scan# 635

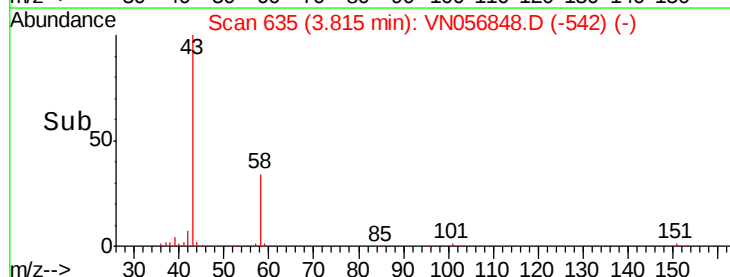
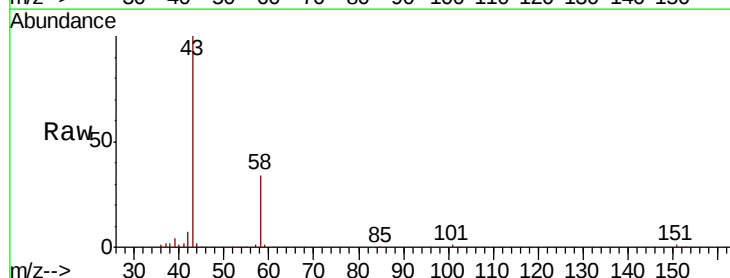
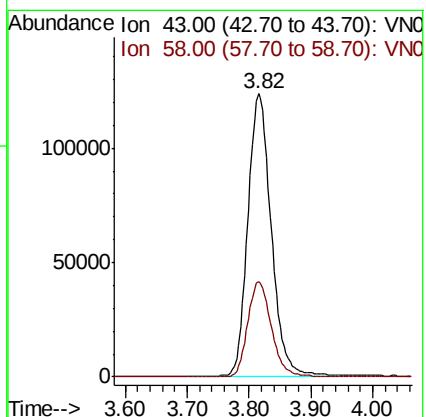
Delta R.T. -0.00 min

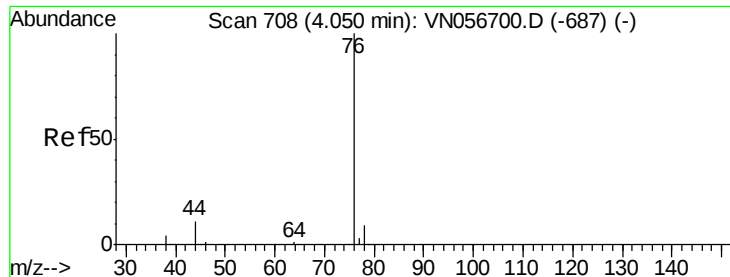
Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 327479

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.7	40.1

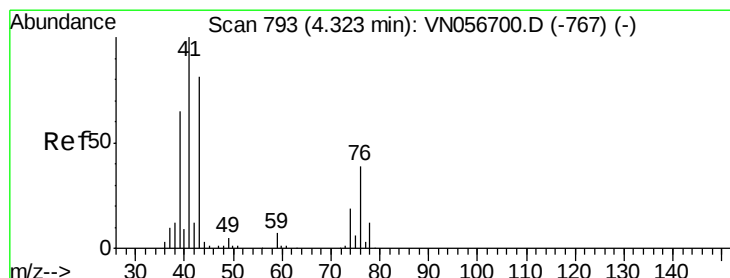
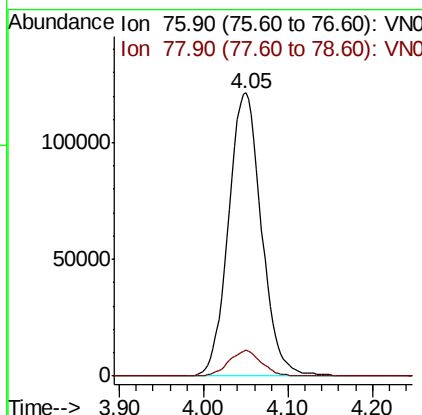
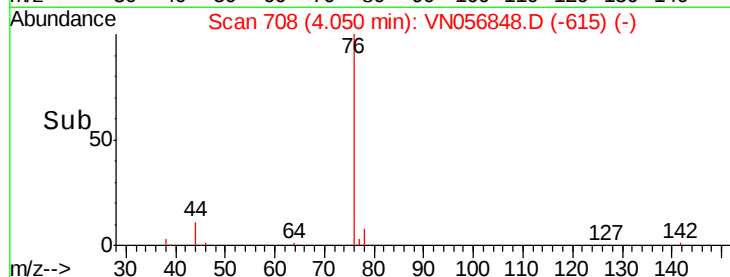
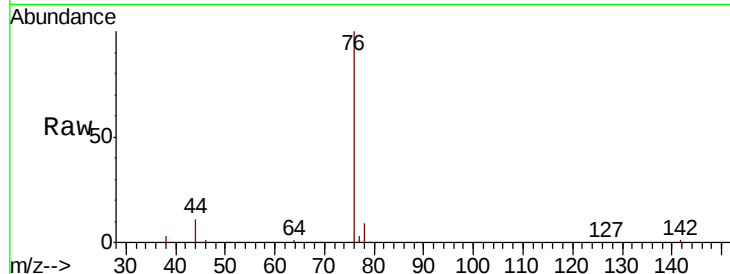




#17
Carbon Disulfide
Concen: 44.439 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

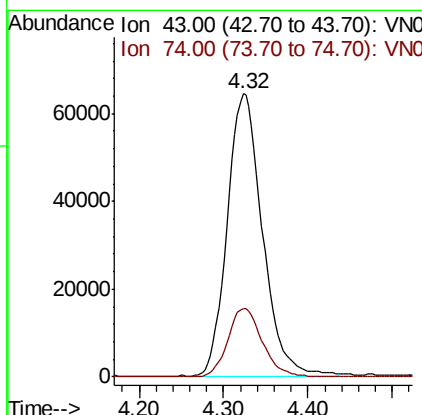
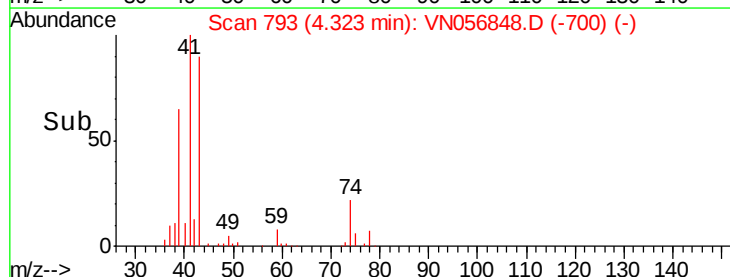
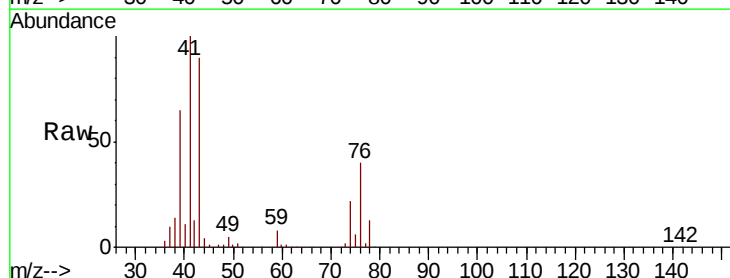
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

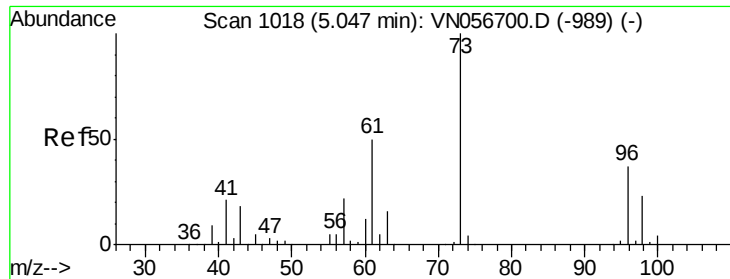
Tot Ion: 76 Resp: 331095
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 54.254 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 186003
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3

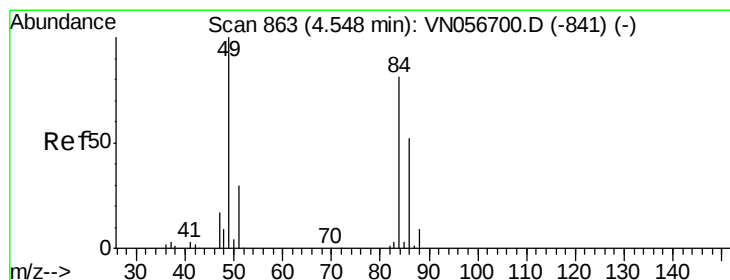
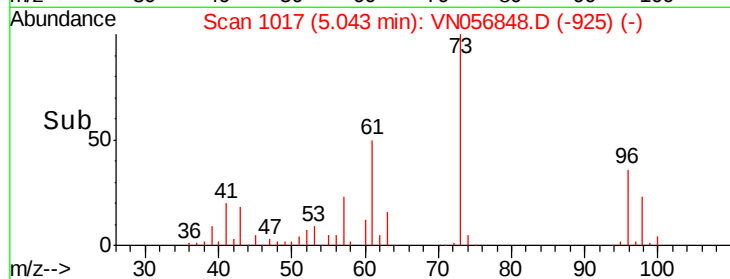
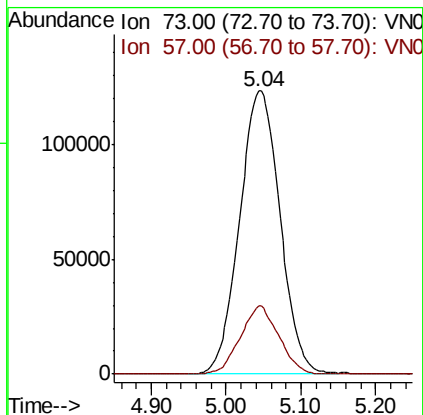
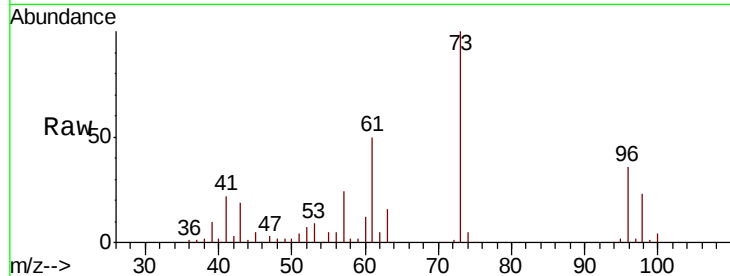




#19
Methvl tert-butvl Ether
Concen: 51.590 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

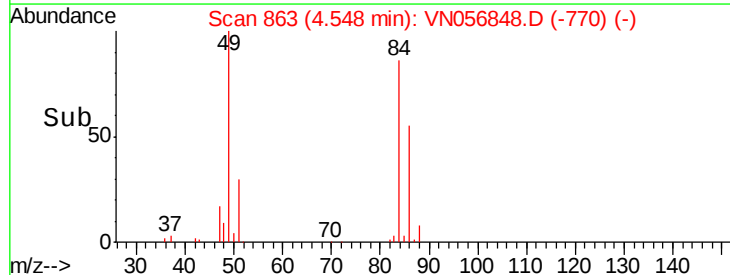
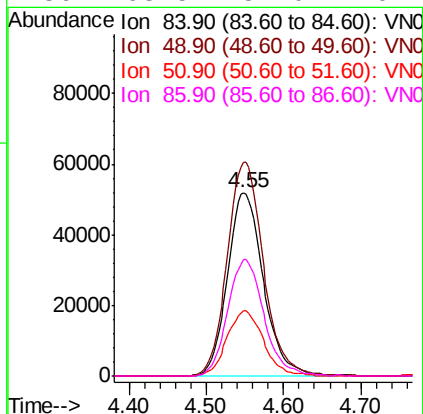
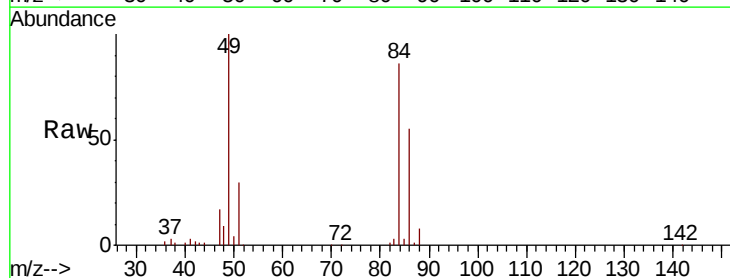
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

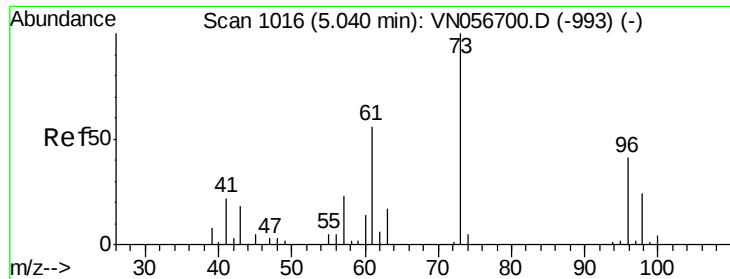
Tot Ion: 73 Resp: 463458
Ion Ratio Lower Upper
73 100
57 24.0 17.9 26.9



#20
Methylene Chloride
Concen: 49.970 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 84 Resp: 166948
Ion Ratio Lower Upper
84 100
49 116.3 98.2 147.4
51 35.5 29.6 44.4
86 63.5 51.0 76.4

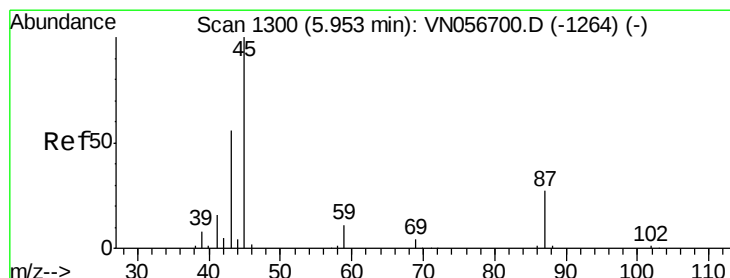
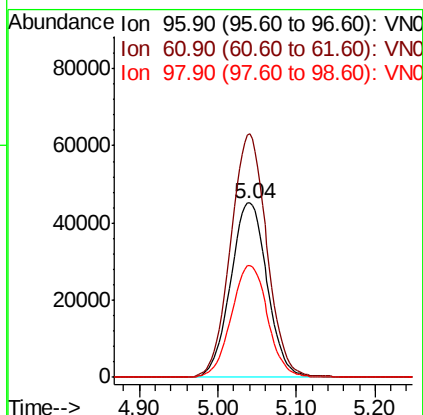
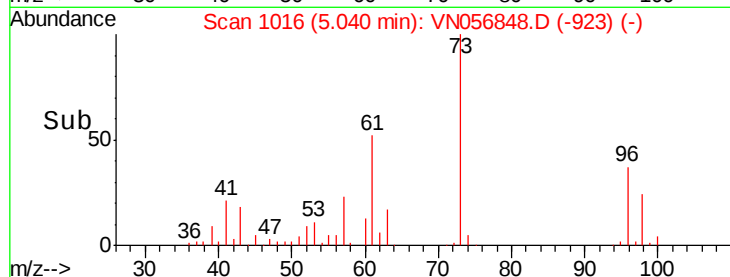
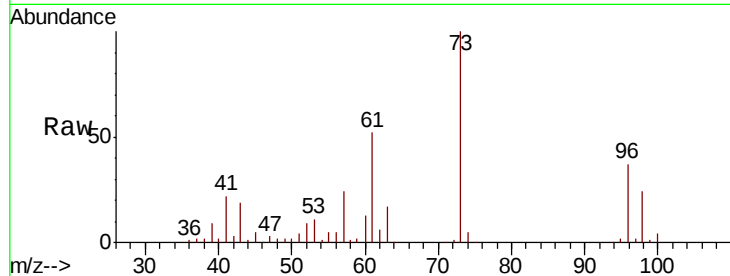




#21
trans-1,2-Dichloroethene
Concen: 49.431 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

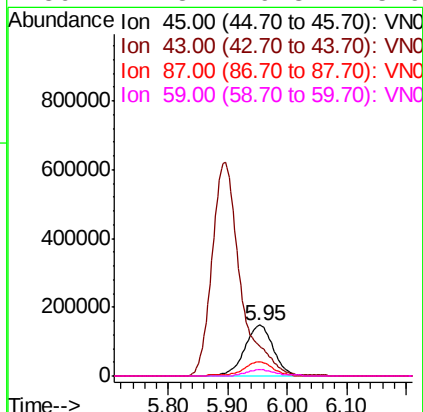
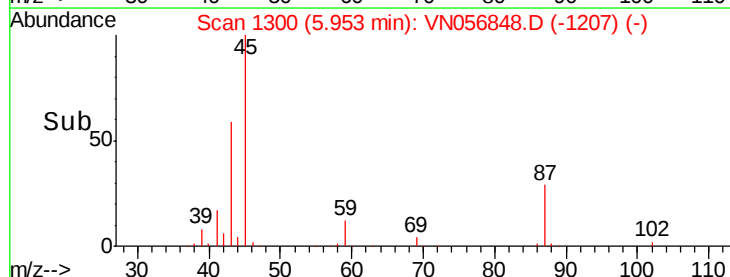
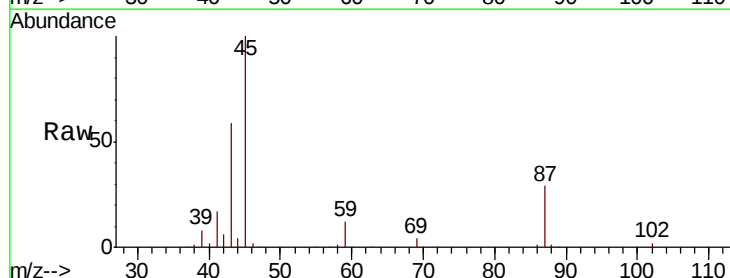
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

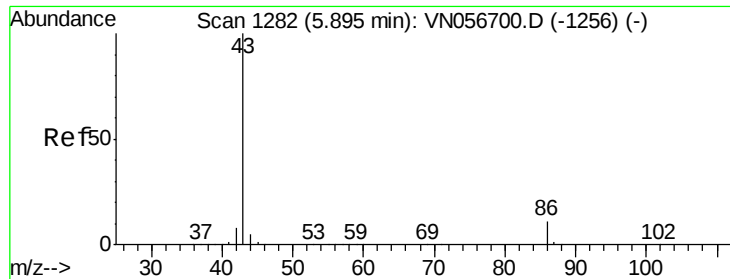
Tot Ion: 96 Resp: 147319
Ion Ratio Lower Upper
96 100
61 139.8 109.4 164.2
98 64.2 48.0 72.0



#22
Diisopropyl ether
Concen: 52.151 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 45 Resp: 501922
Ion Ratio Lower Upper
45 100
43 57.5 45.6 68.4
87 28.5 22.0 33.0
59 11.8 9.3 13.9





#23

Vinyl Acetate

Concen: 264.626 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

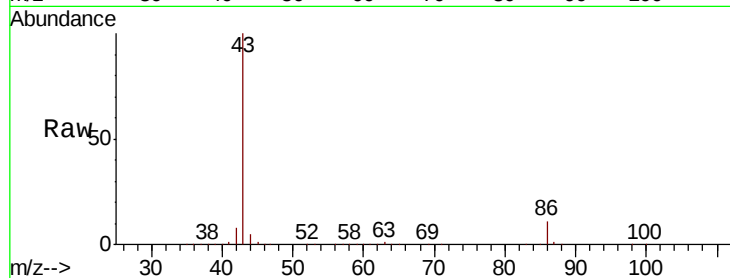
VSTDCCC050EC

Tot Ion: 43 Resp: 2063822

Ion Ratio Lower Upper

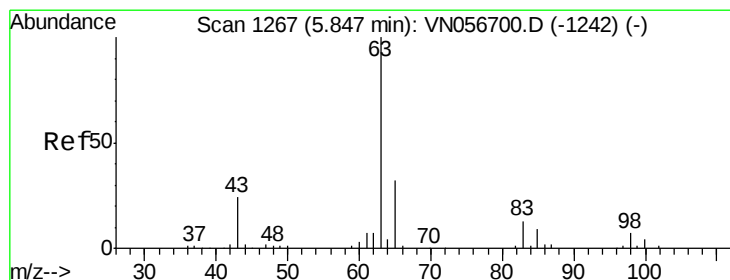
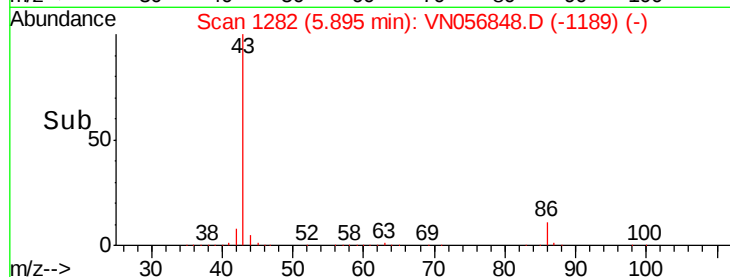
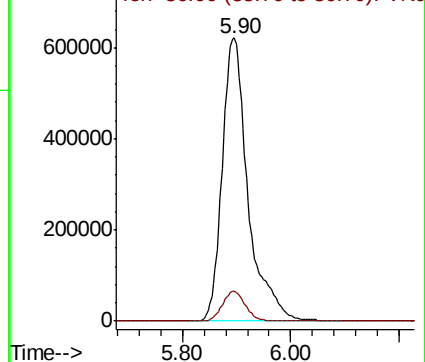
43 100

86 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.171 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

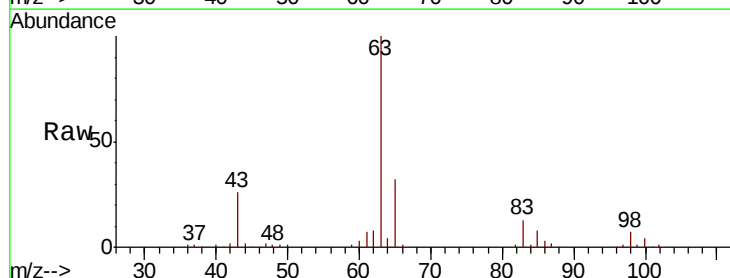
Tgt Ion: 63 Resp: 279954

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

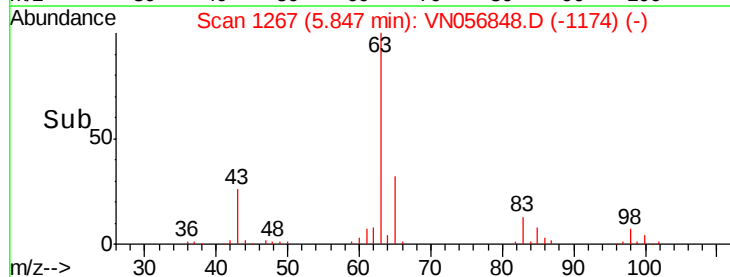
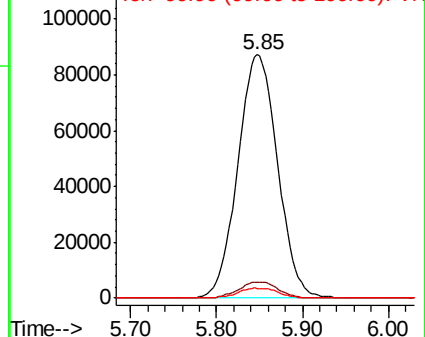
100 4.1 2.0 5.8

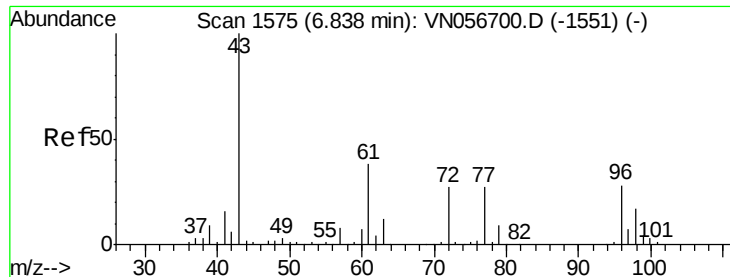


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 246.359 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

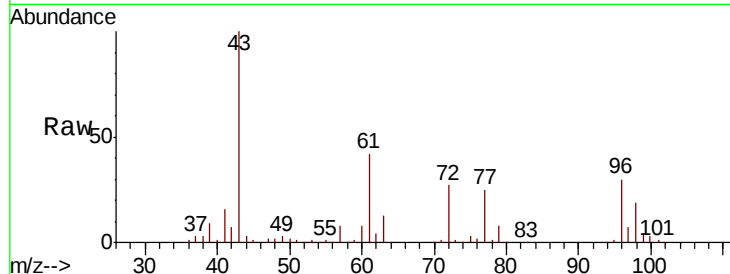
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 550649

Ion Ratio Lower Upper

43 100

72 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

200000

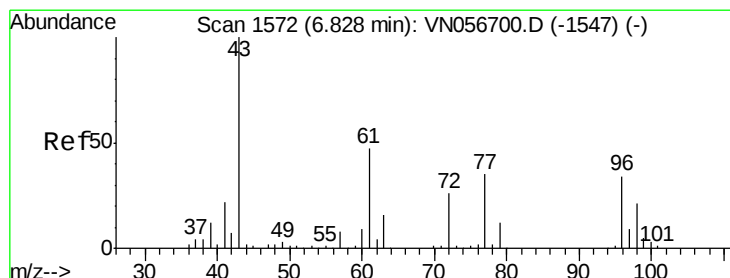
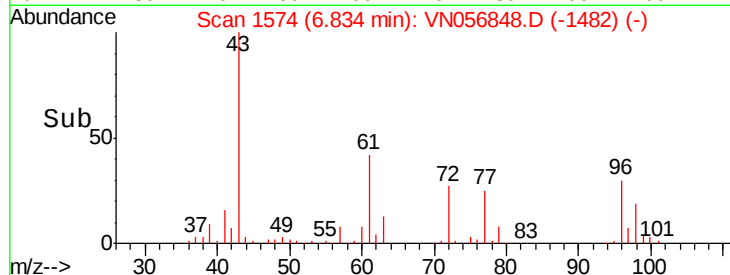
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.856 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN056848.D

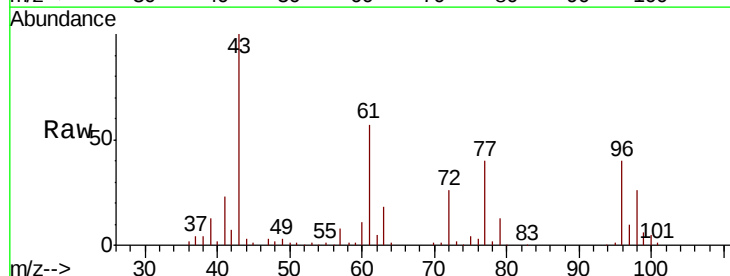
Acq: 19 Jul 2019 21:30

Tgt Ion: 77 Resp: 176450

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

60000

50000

40000

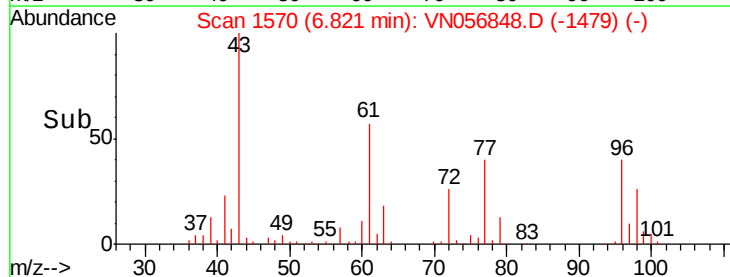
30000

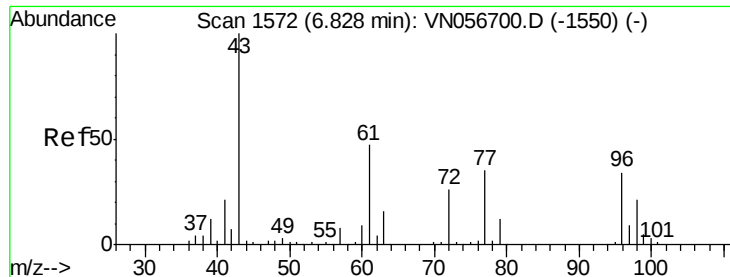
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.299 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

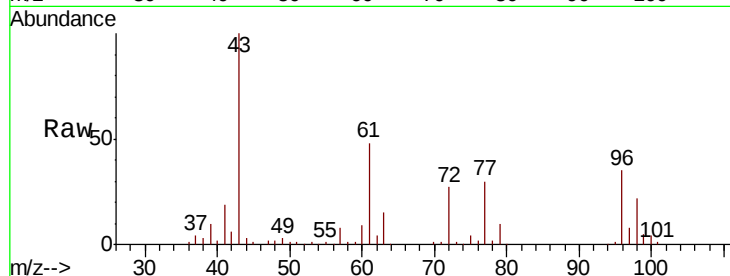
Tot Ion: 96 Resp: 175922

Ion Ratio Lower Upper

96 100

61 139.9 0.0 281.4

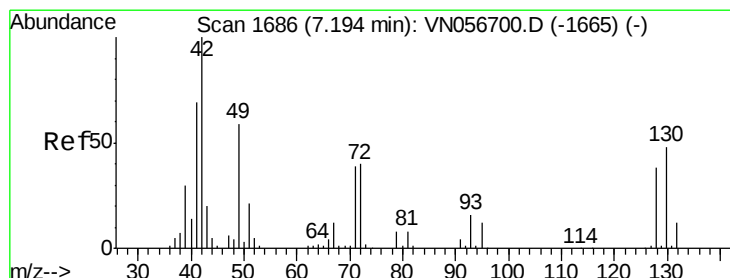
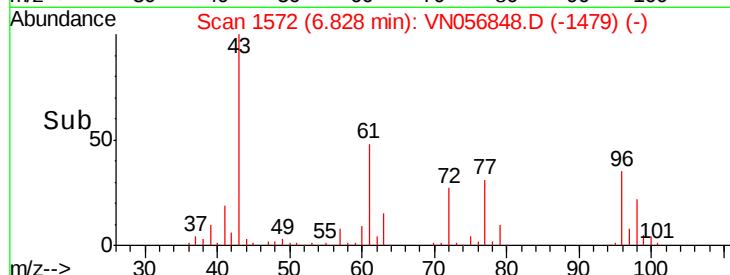
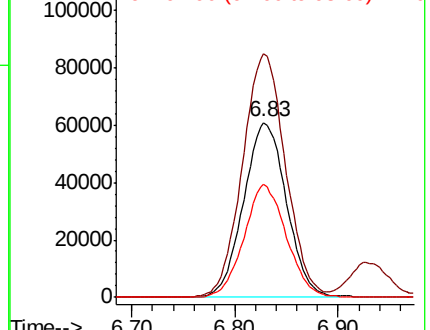
98 64.0 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.530 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

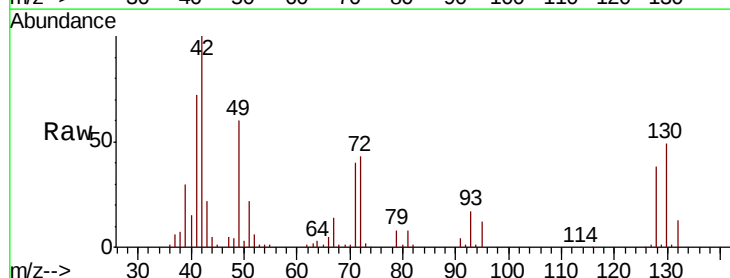
Tgt Ion: 49 Resp: 135193

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

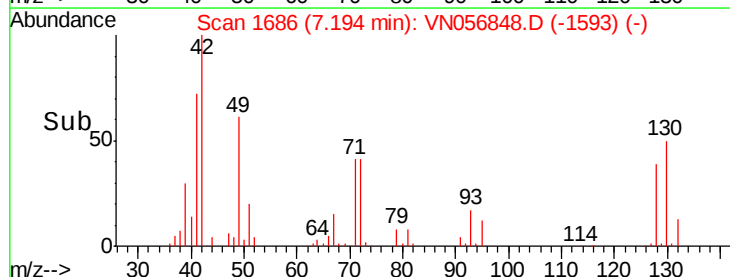
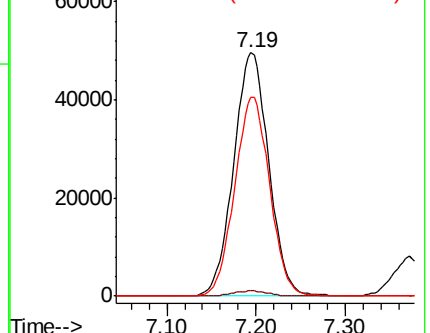
130 81.3 64.7 97.1

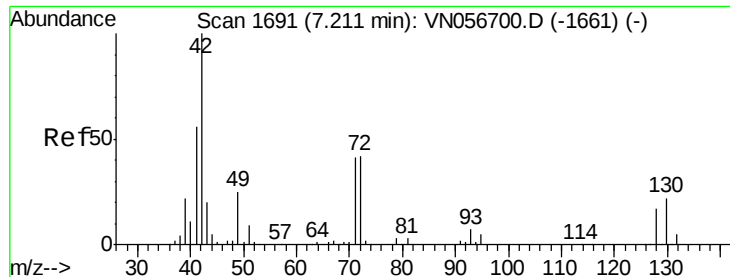


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

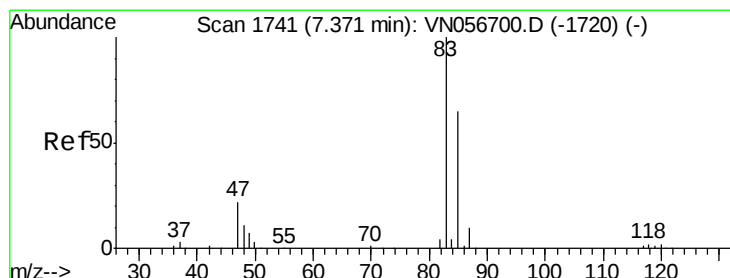
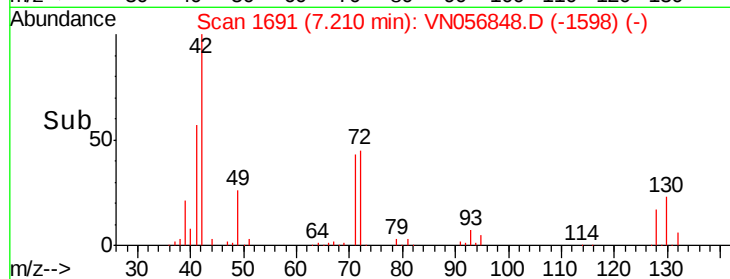
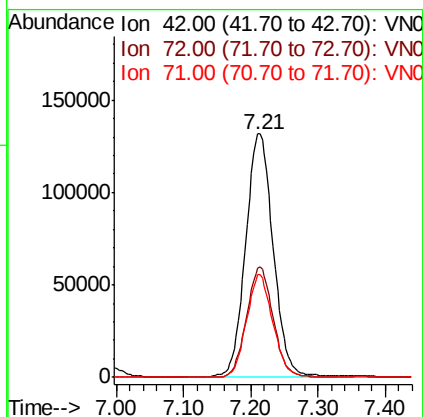
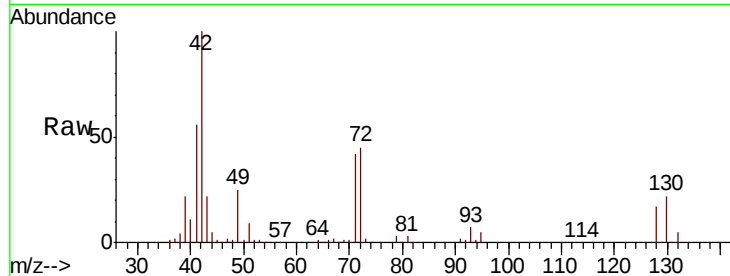




#29
Tetrahydrofuran
Concen: 257.787 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

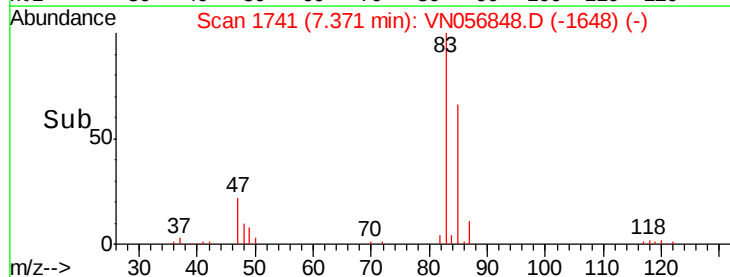
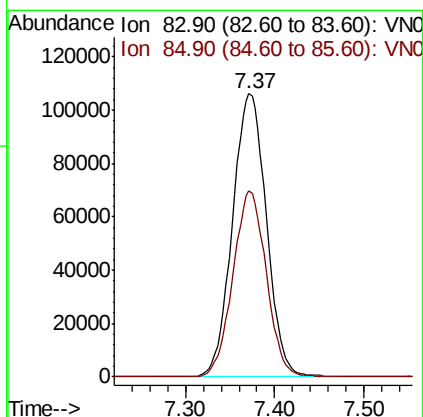
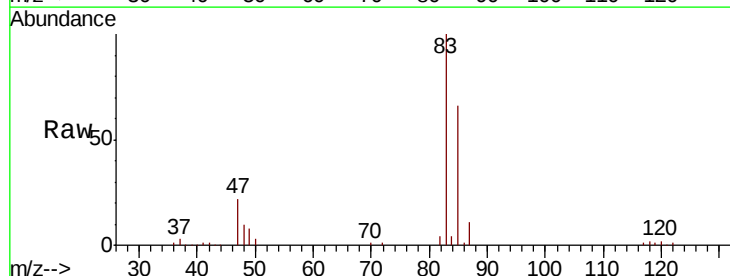
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

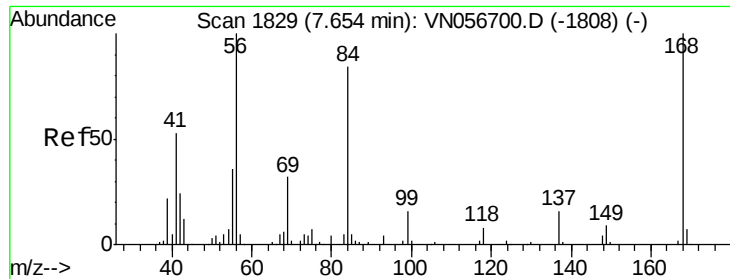
Tot Ion: 42 Resp: 375808
Ion Ratio Lower Upper
42 100
72 43.5 33.5 50.3
71 40.3 31.8 47.8



#30
Chloroform
Concen: 50.157 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 83 Resp: 280066
Ion Ratio Lower Upper
83 100
85 65.8 51.9 77.9

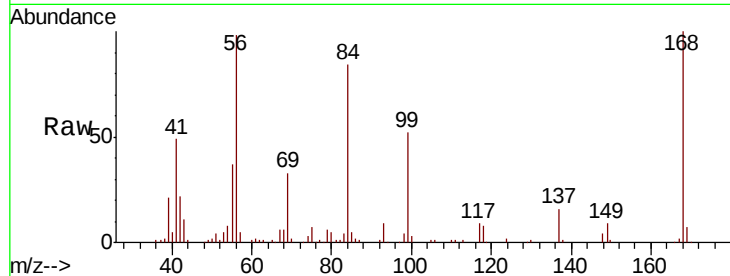




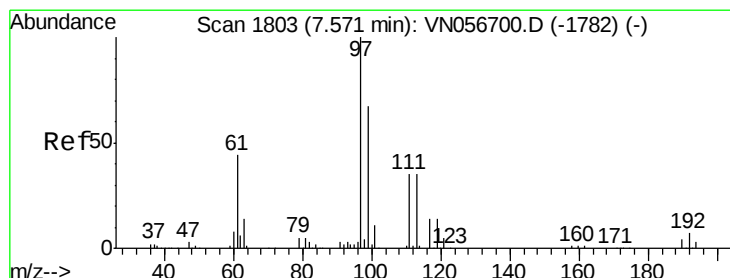
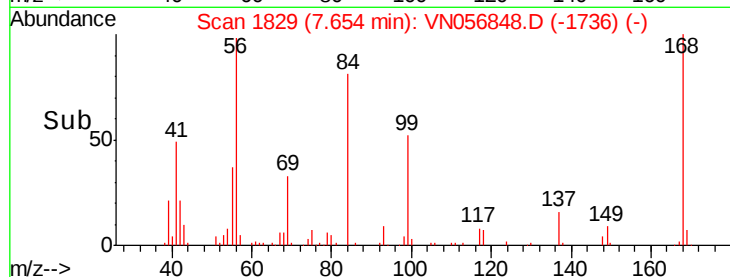
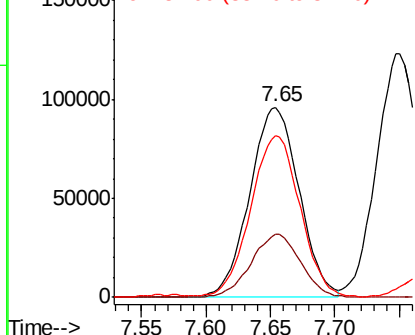
#31
Cyclohexane
Concen: 48.371 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 256538
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.8
84 84.2 67.4 101.0

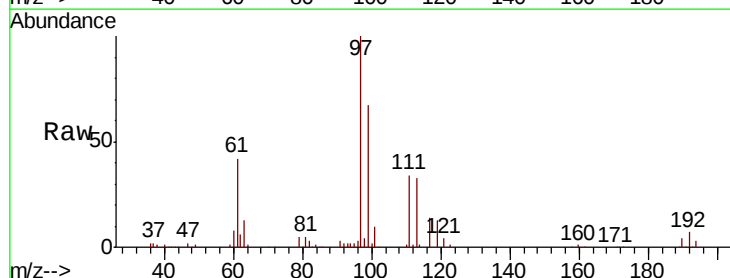


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

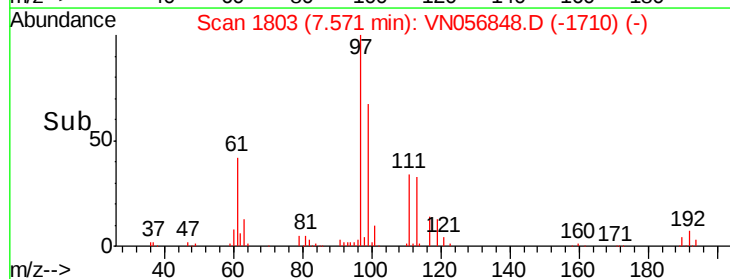
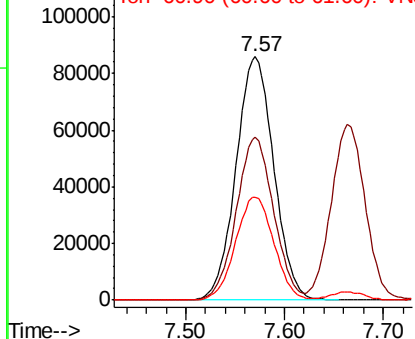


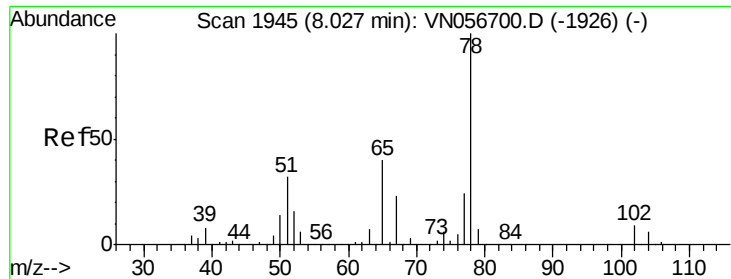
#32
1,1,1-Trichloroethane
Concen: 51.682 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 97 Resp: 228224
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 42.9 34.3 51.5



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

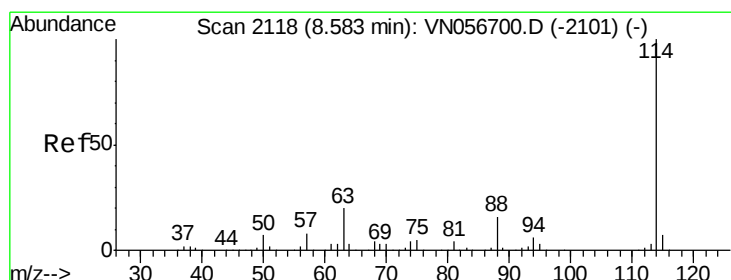
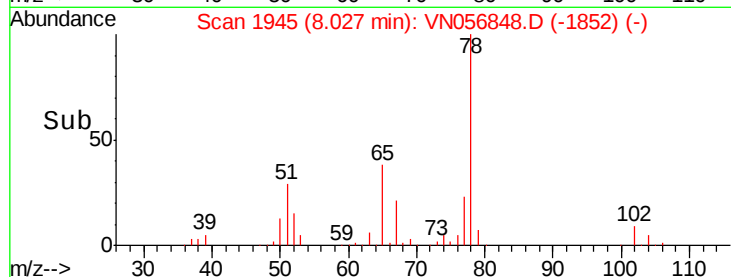
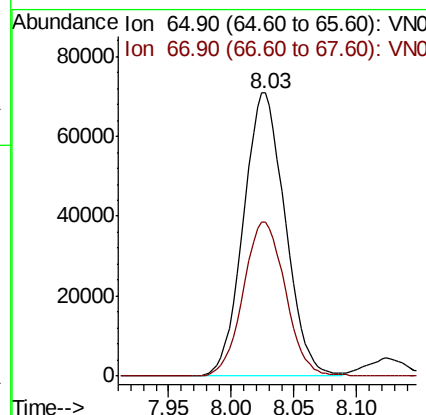
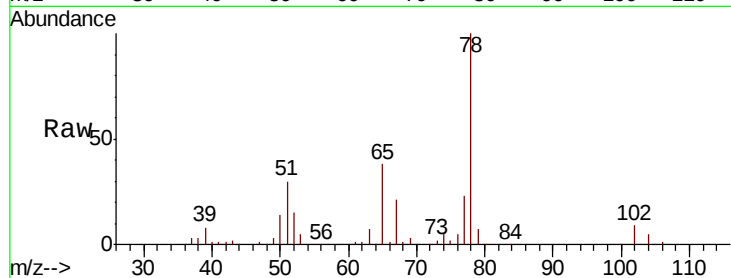




#33
 1,2-Dichloroethane-d4
 Concen: 49.450 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

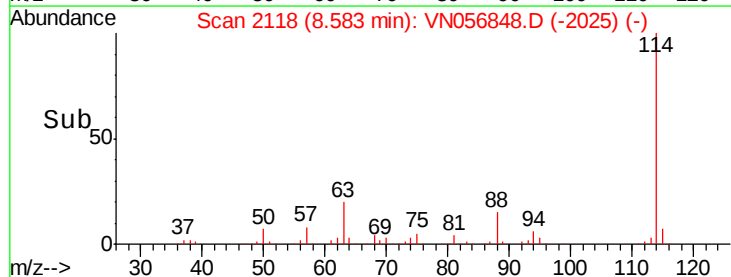
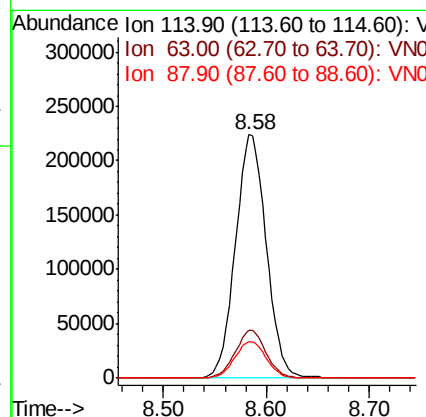
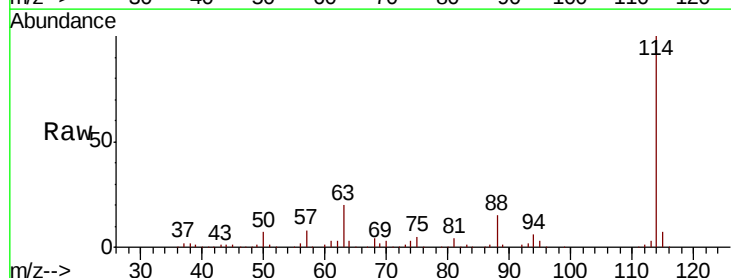
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

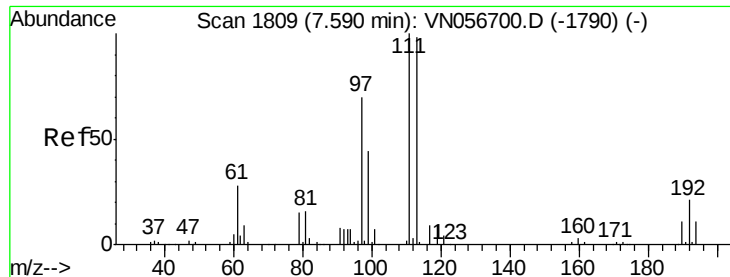
Tot Ion: 65 Resp: 164053
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 114 Resp: 466829
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 14.9 0.0 31.2

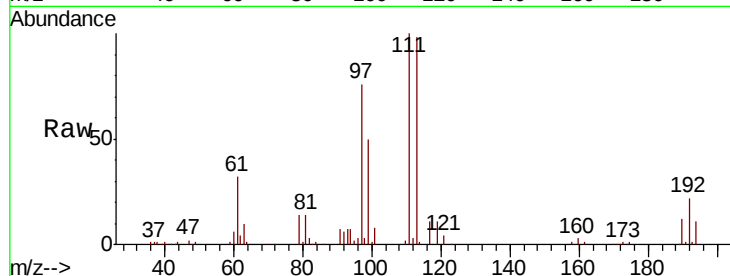




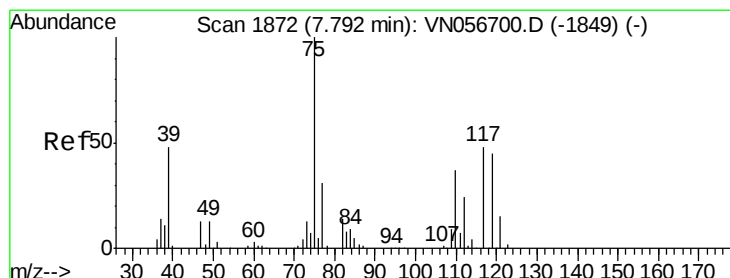
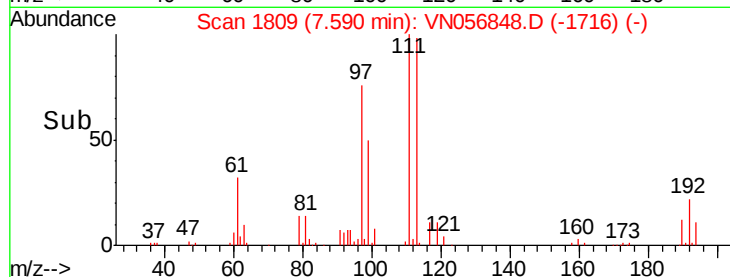
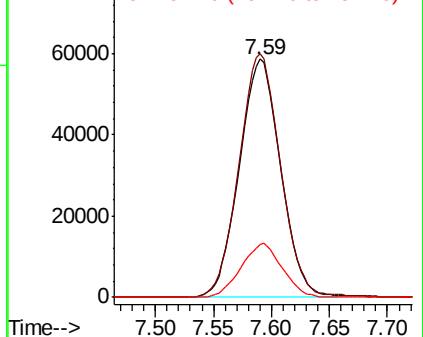
#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 145403
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 22.4 17.5 26.3

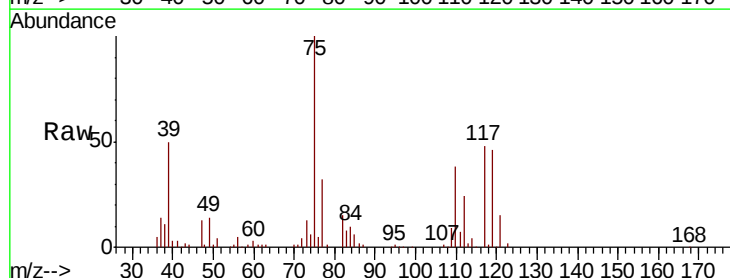


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

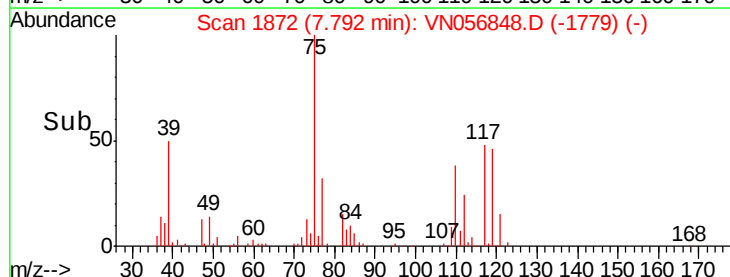
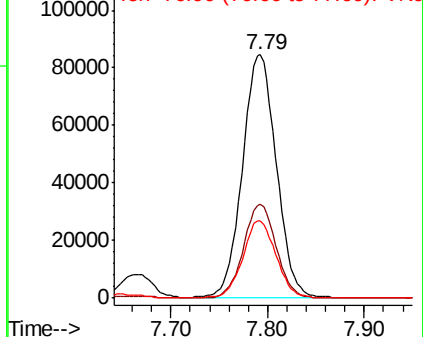


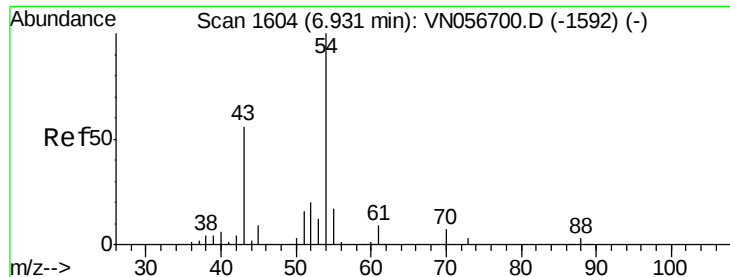
#36
 1,1-Dichloropropene
 Concen: 47.559 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 75 Resp: 205449
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.4 55.4
 77 31.3 24.6 36.8



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

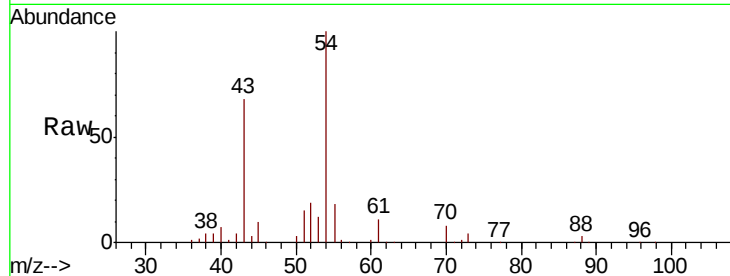




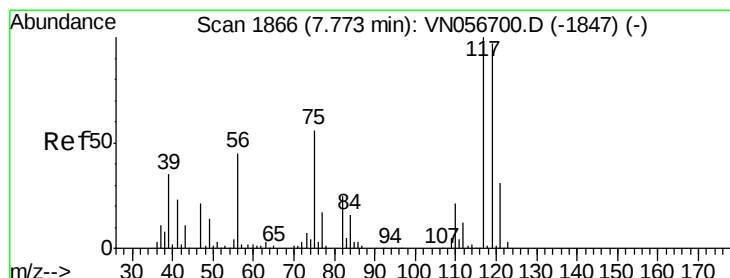
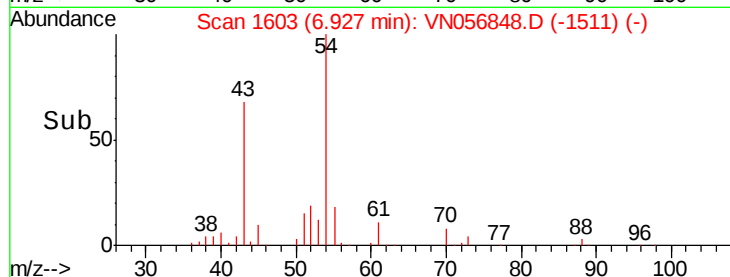
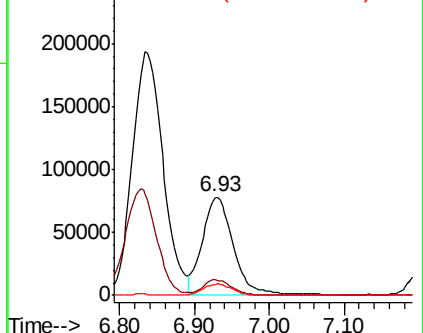
#37
Ethyl Acetate
Concen: 52.408 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 223135
Ion Ratio Lower Upper
43 100
61 14.9 11.3 16.9
70 11.0 8.5 12.7

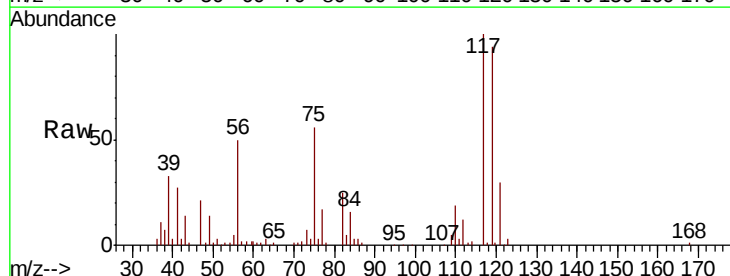


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

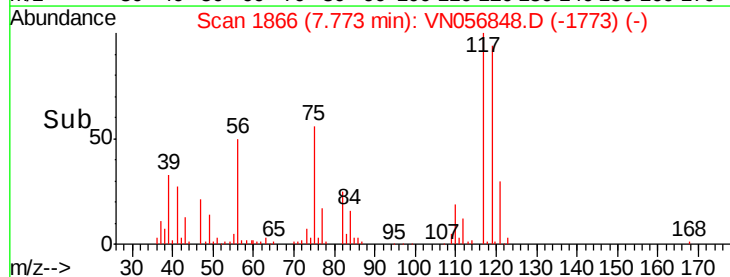
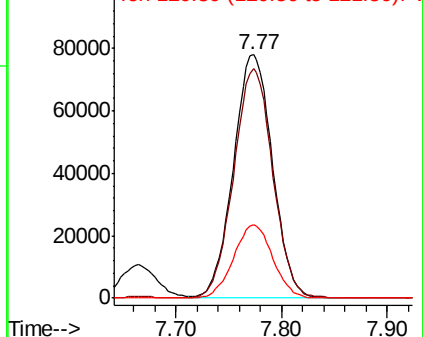


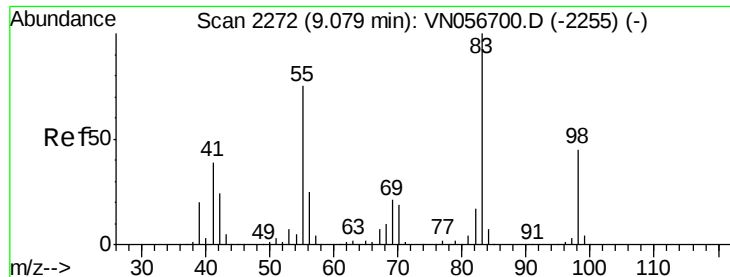
#38
Carbon Tetrachloride
Concen: 49.381 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 117 Resp: 200049
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 30.5 24.7 37.1



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

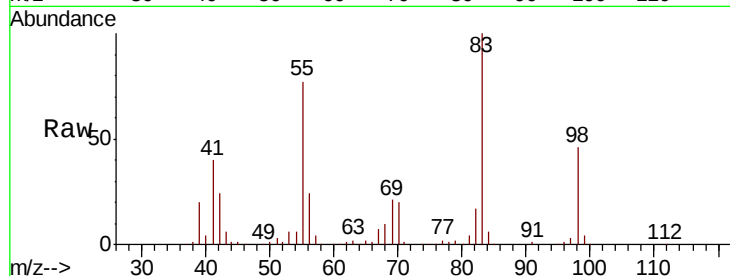




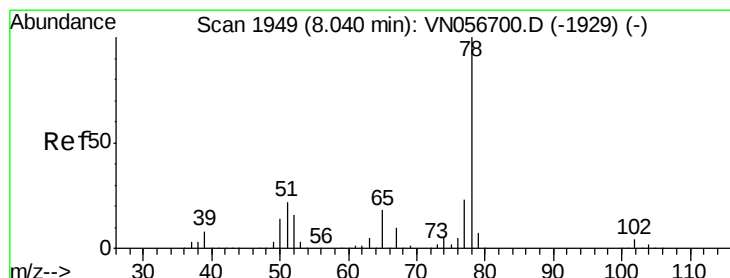
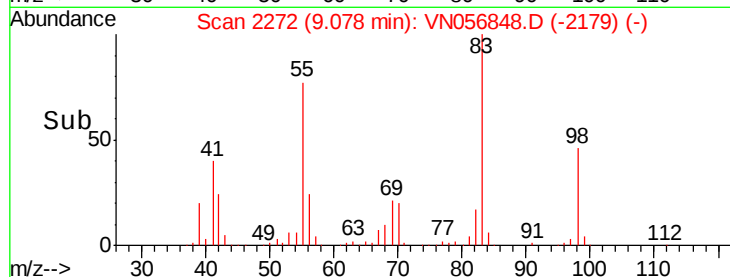
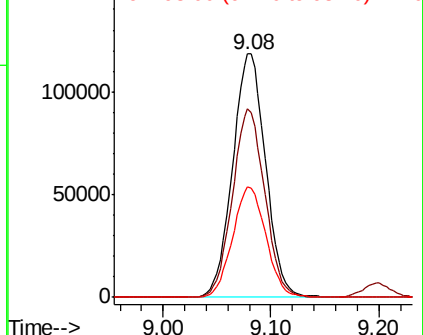
#39
Methvlcvclohexane
Concen: 47.284 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 252212
Ion Ratio Lower Upper
83 100
55 77.5 60.4 90.6
98 45.6 35.8 53.8

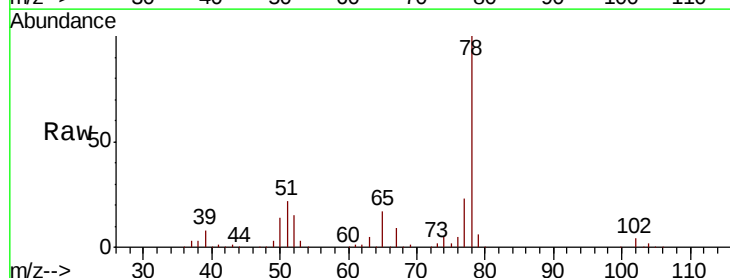


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

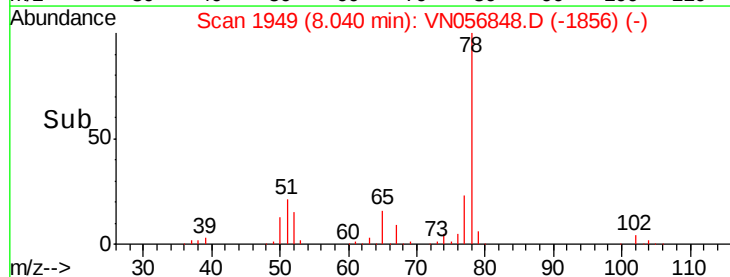
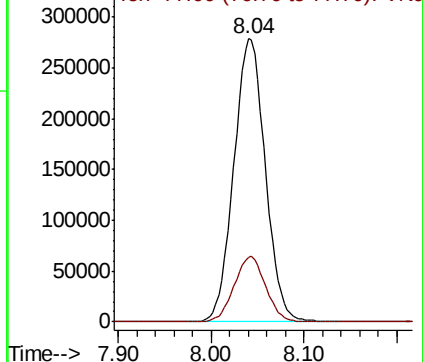


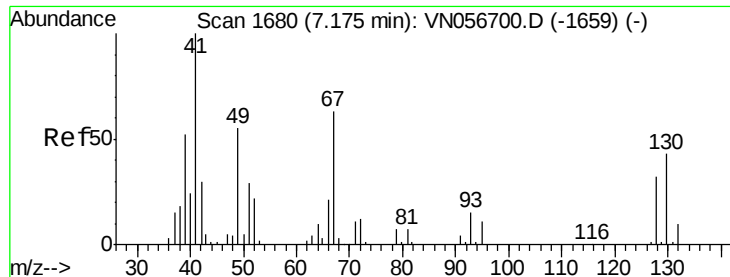
#40
Benzene
Concen: 49.573 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 78 Resp: 656165
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8



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

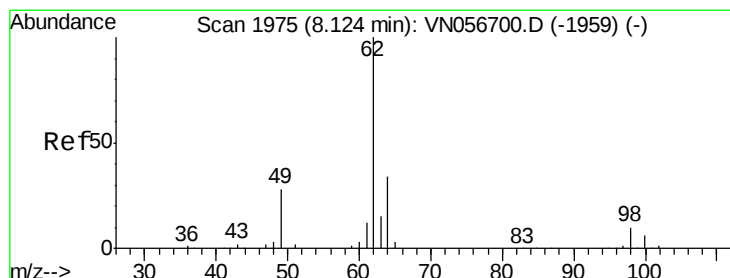
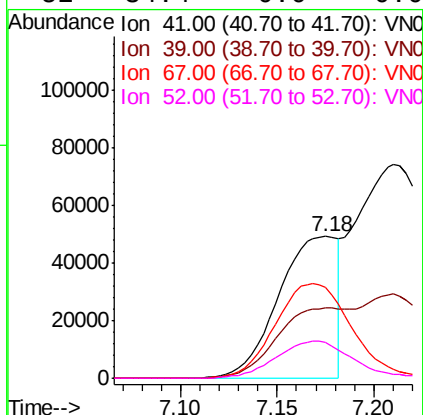
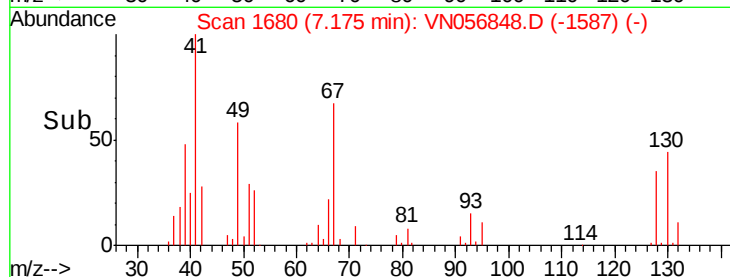
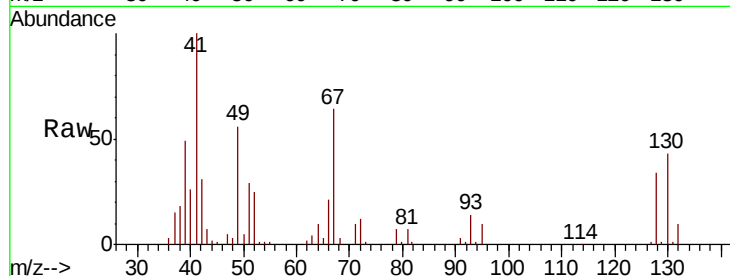




#41
Methacrylonitrile
Concen: 56.211 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

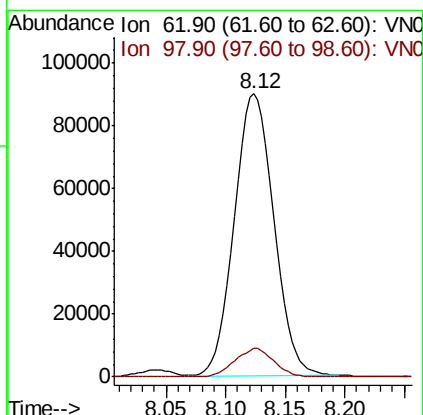
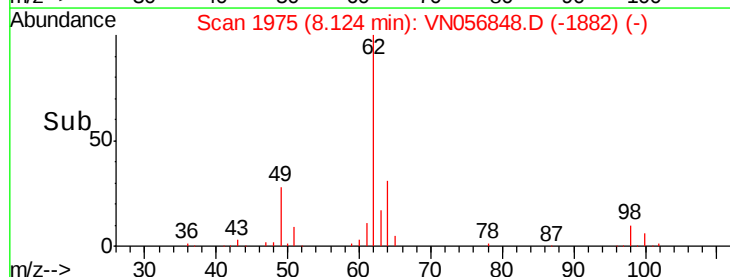
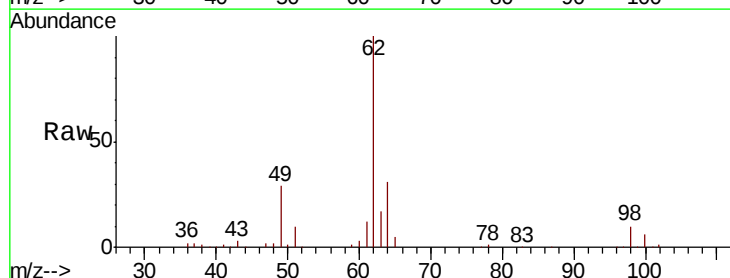
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

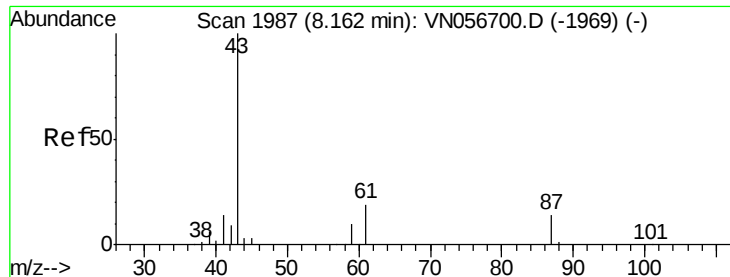
Tot Ion:	41	Resp:	105125
Ion	Ratio	Lower	Upper
41	100		
39	63.8	0.0	0.0#
67	86.6	0.0	0.0#
52	34.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 49.717 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:	62	Resp:	207980
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 53.299 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

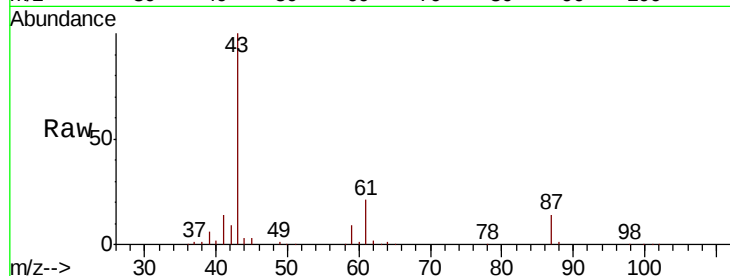
Tot Ion: 43 Resp: 356751

Ion Ratio Lower Upper

43 100

61 26.6 22.3 33.5

87 13.7 11.1 16.7

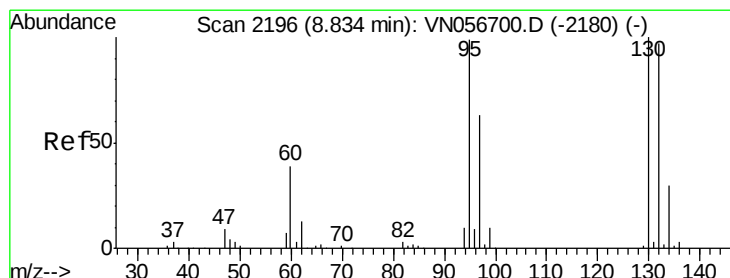
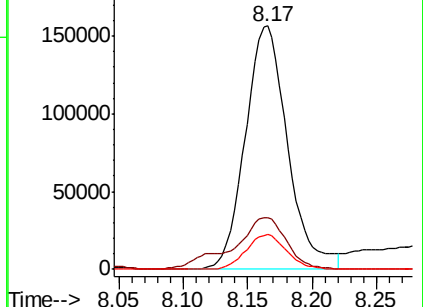
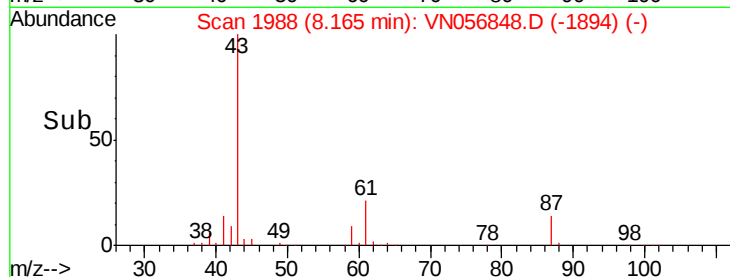


Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)

Time-->



#44

Trichloroethene

Concen: 48.797 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056848.D

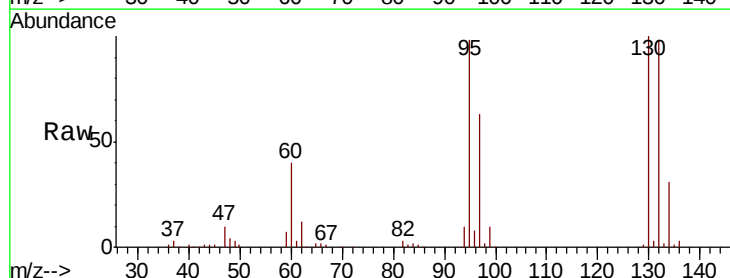
Acq: 19 Jul 2019 21:30

Tgt Ion: 130 Resp: 175393

Ion Ratio Lower Upper

130 100

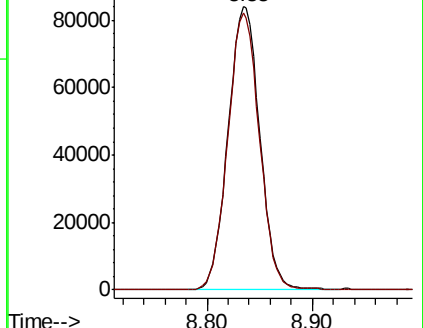
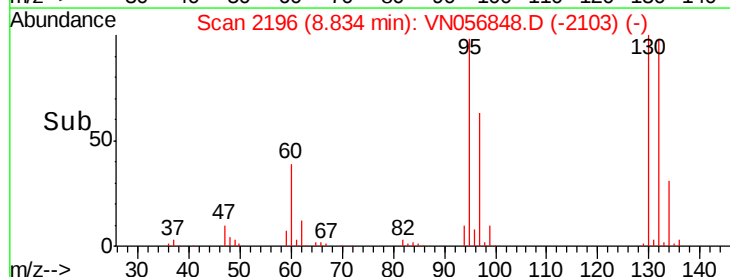
95 97.8 0.0 197.2

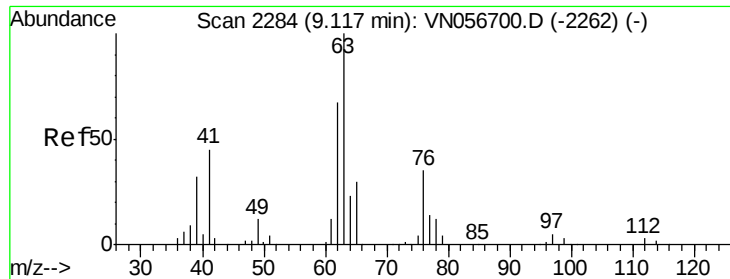


Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 50.602 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

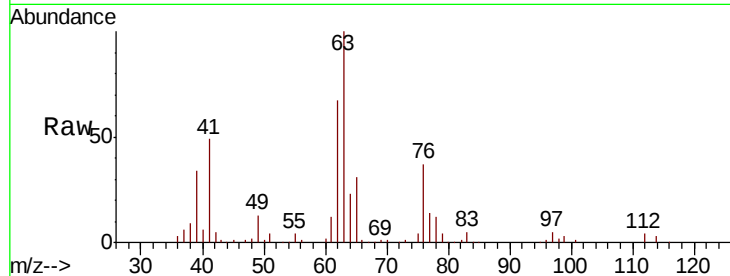
VSTDCCC050EC

Tot Ion: 63 Resp: 177973

Ion Ratio Lower Upper

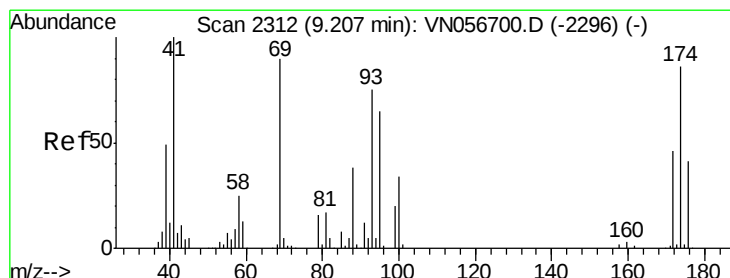
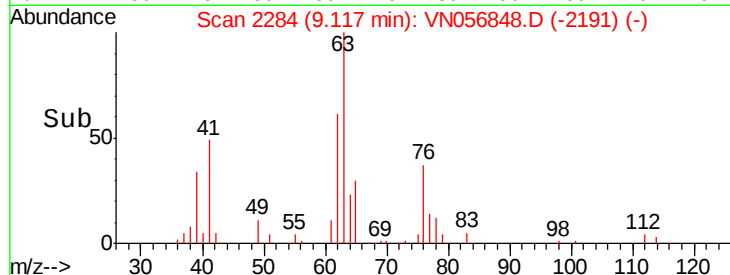
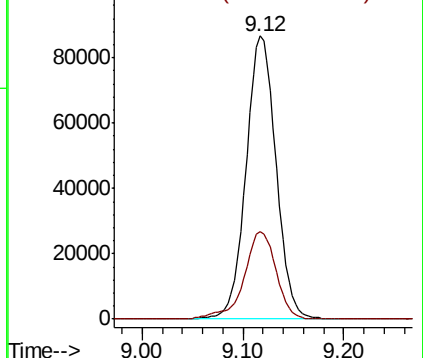
63 100

65 31.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.354 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

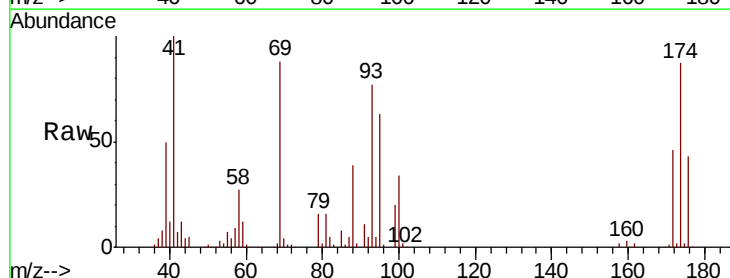
Tgt Ion: 93 Resp: 111928

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

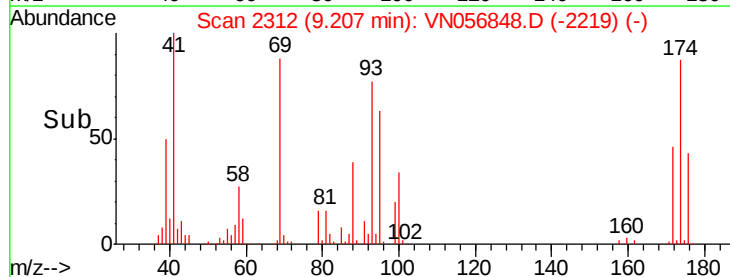
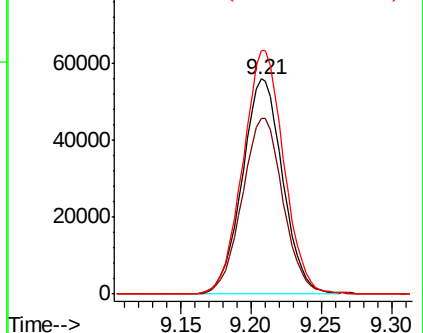
174 115.0 90.3 135.5

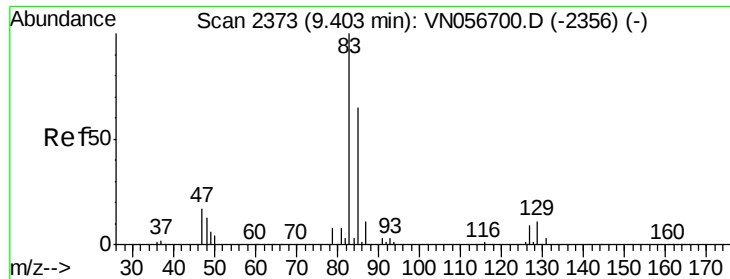


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.603 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

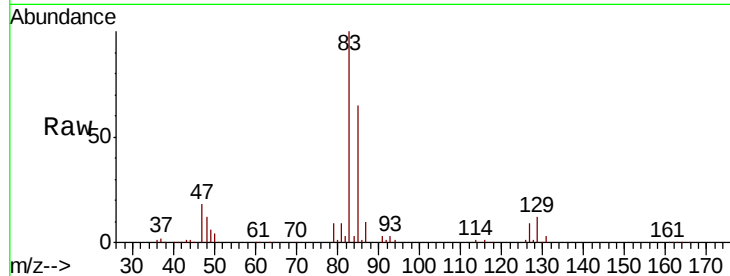
Tot Ion: 83 Resp: 213726

Ion Ratio Lower Upper

83 100

85 64.6 52.3 78.5

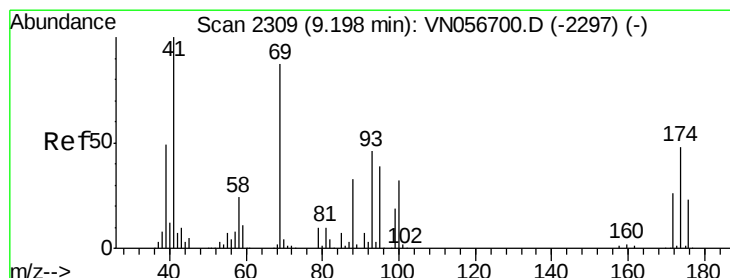
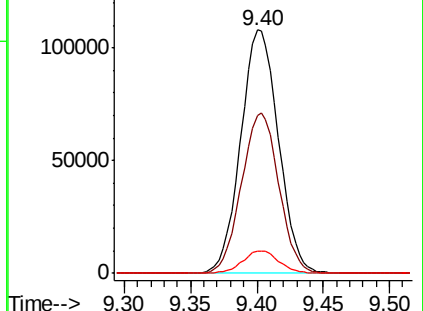
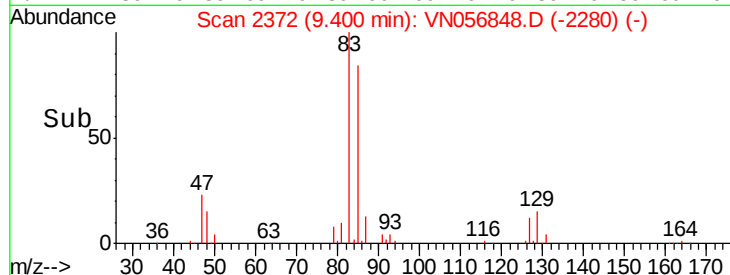
127 9.3 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VN056848.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056848.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056848.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.577 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

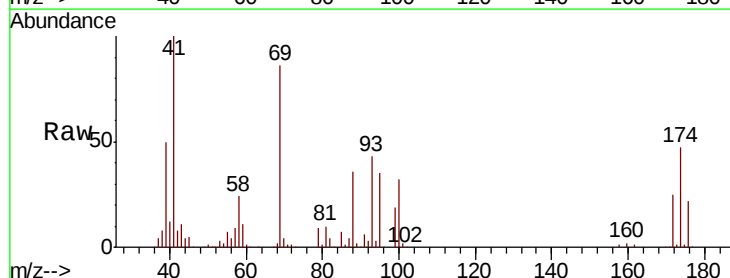
Tgt Ion: 41 Resp: 173429

Ion Ratio Lower Upper

41 100

69 88.1 71.4 107.0

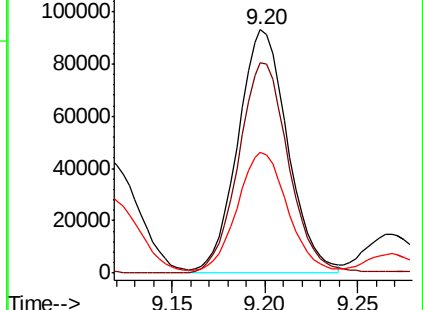
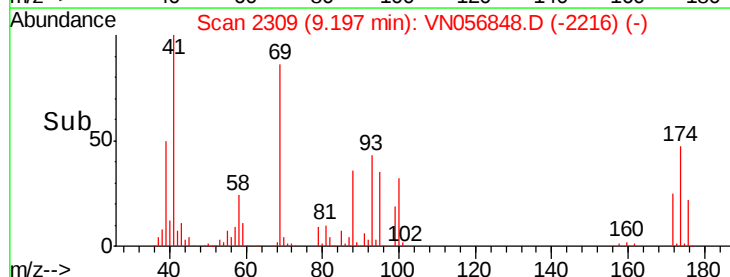
39 50.5 41.2 61.8

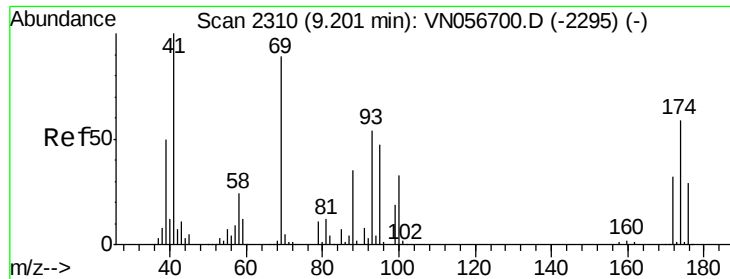


Abundance Ion 41.00 (40.70 to 41.70): VN056848.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056848.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056848.D (-2216) (-)





#49

1,4-Dioxane

Concen: 1055.591 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

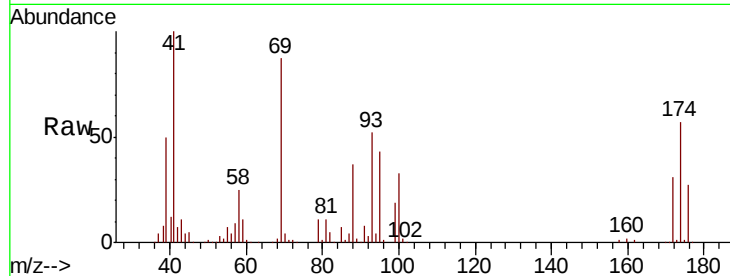
Tot Ion: 88 Resp: 70112

Ion Ratio Lower Upper

88 100

43 28.8 23.7 35.5

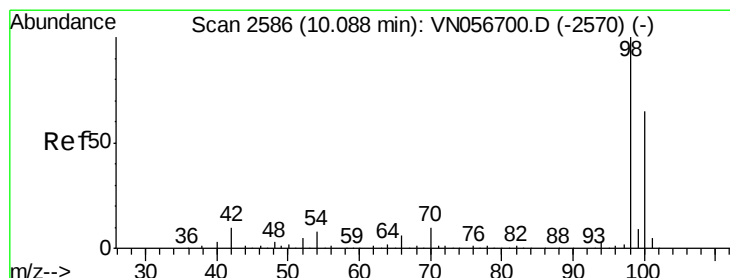
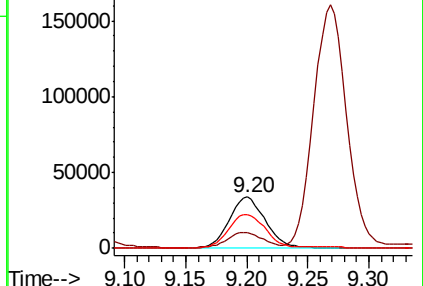
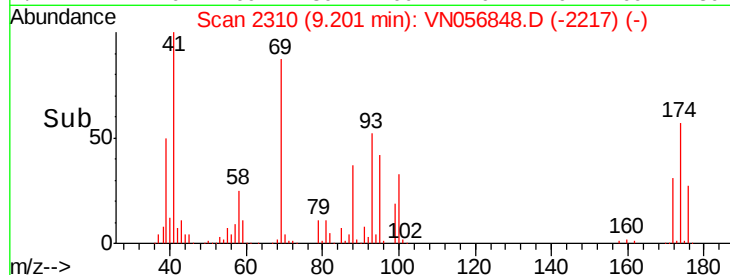
58 67.7 55.6 83.4



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: 49.286 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056848.D

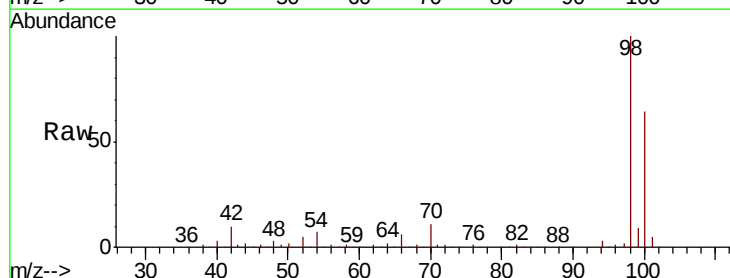
Acq: 19 Jul 2019 21:30

Tgt Ion: 98 Resp: 553015

Ion Ratio Lower Upper

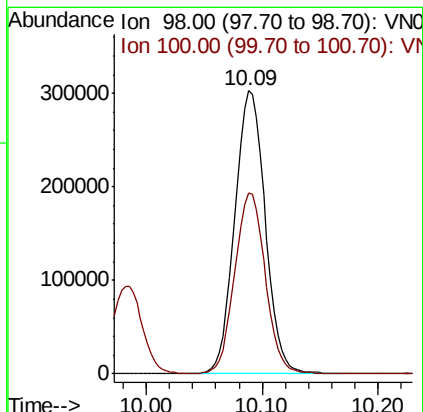
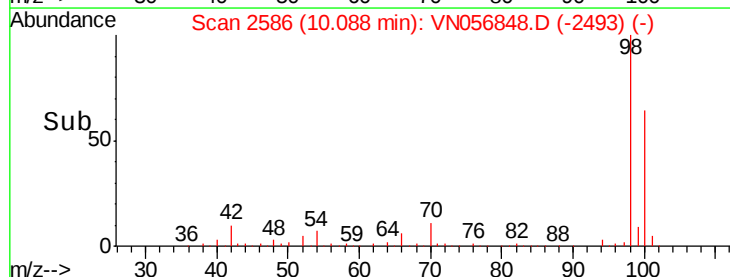
98 100

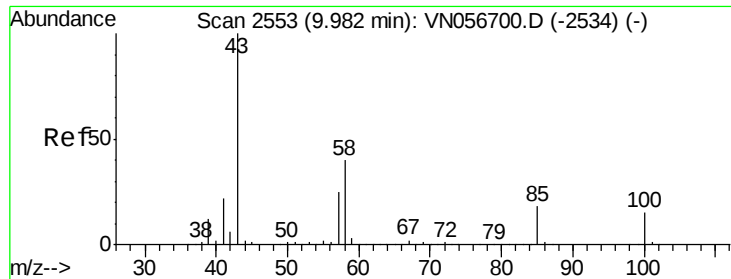
100 64.0 52.0 78.0



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: 256.638 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

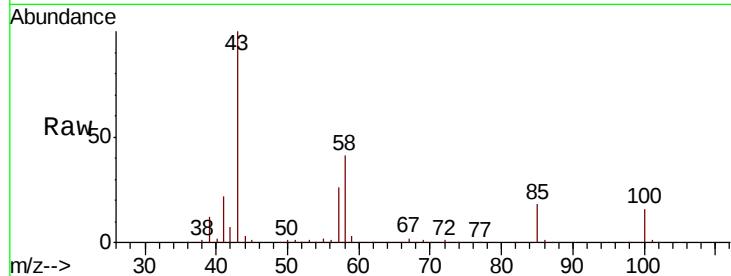
VSTDCCC050EC

Tot Ion: 43 Resp: 1112571

Ion Ratio Lower Upper

43 100

58 40.7 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

600000

400000

200000

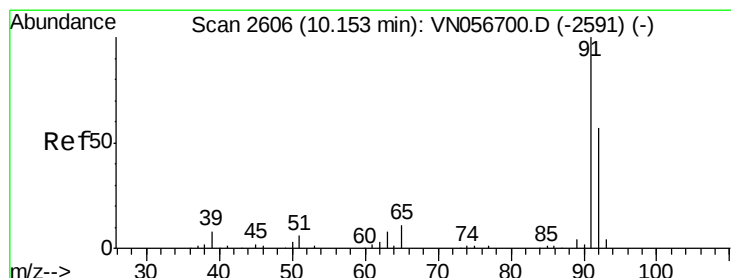
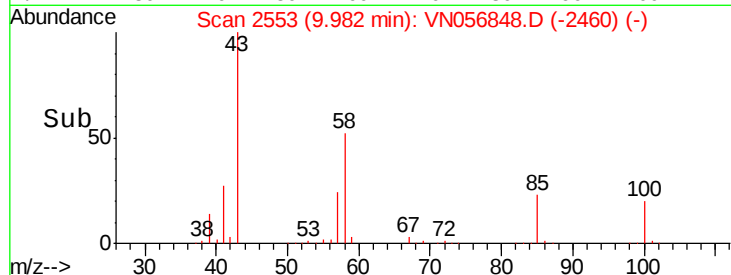
0

Time-->

9.90

10.00

10.10



#52

Toluene

Concen: 51.056 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056848.D

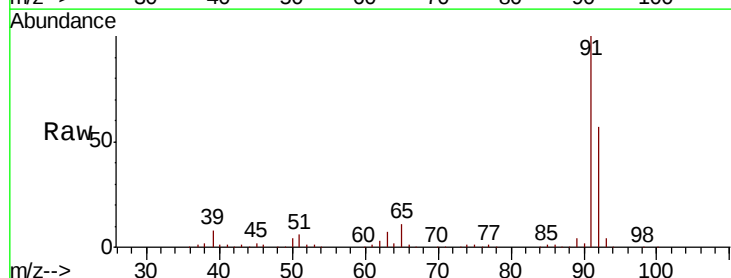
Acq: 19 Jul 2019 21:30

Tgt Ion: 92 Resp: 401342

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

400000

300000

200000

100000

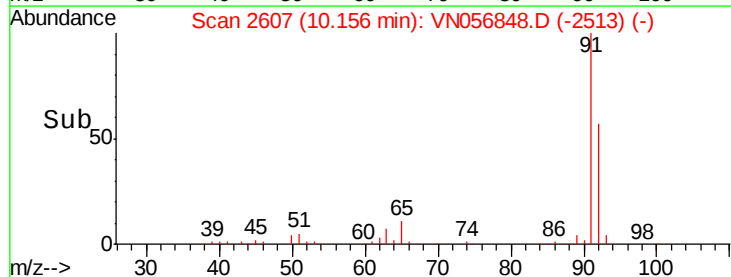
0

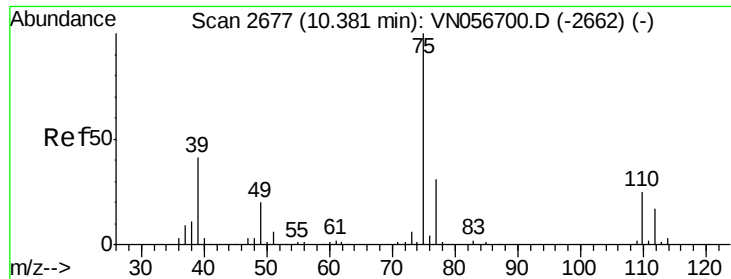
Time-->

10.10

10.20

10.30





#53

t-1,3-Dichloropropene

Concen: 52.306 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

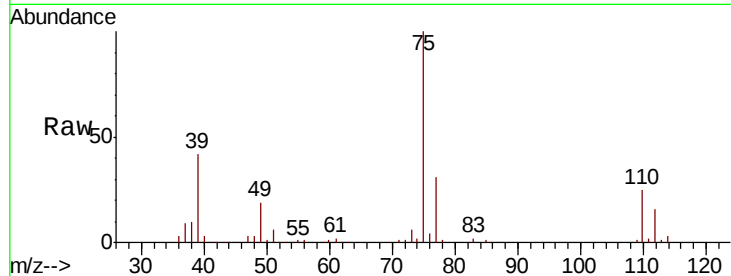
VSTDCCC050EC

Tot Ion: 75 Resp: 226019

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

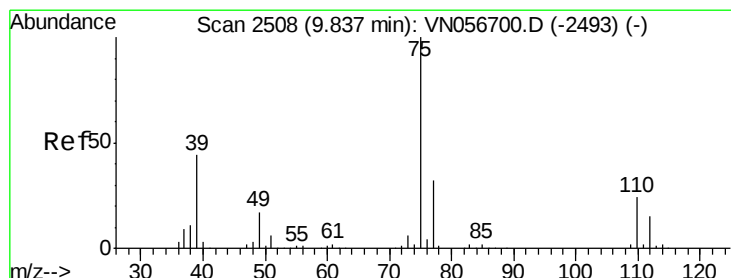
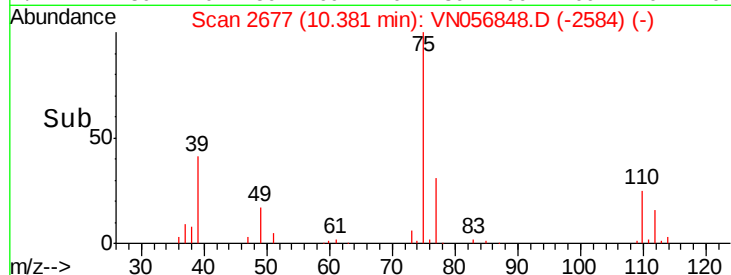
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.100 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

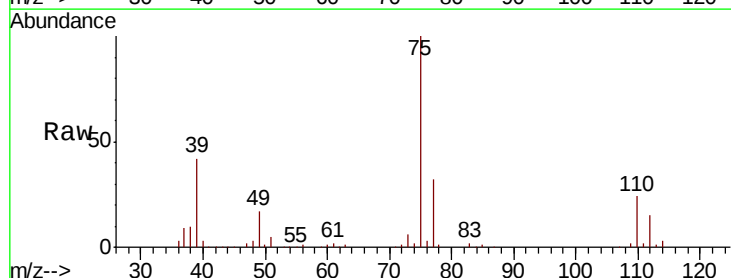
Tgt Ion: 75 Resp: 256231

Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

39 42.0 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

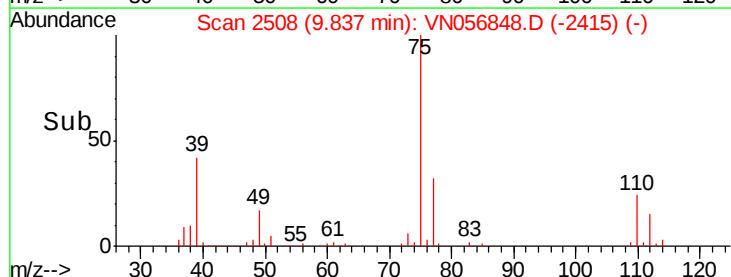
150000

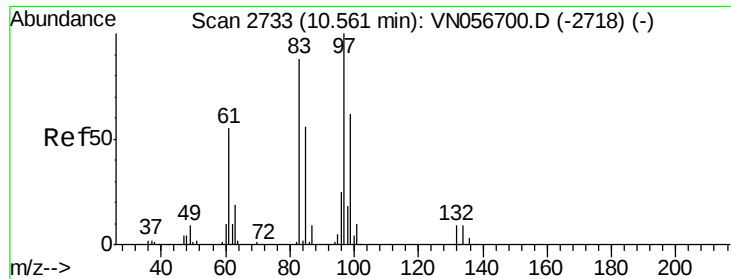
100000

50000

0

Time-->



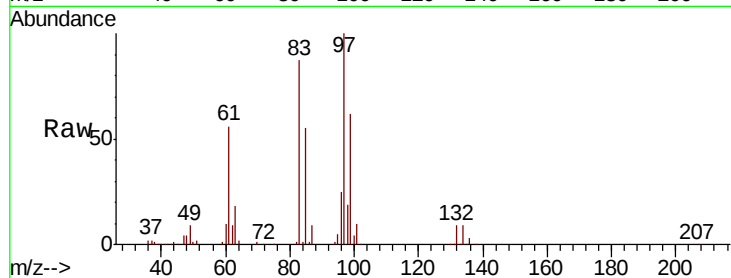


#55
 1,1,2-Trichloroethane
 Concen: 50.769 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 167388

Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.3	105.5
85	55.0	44.8	67.2
99	62.2	49.6	74.4



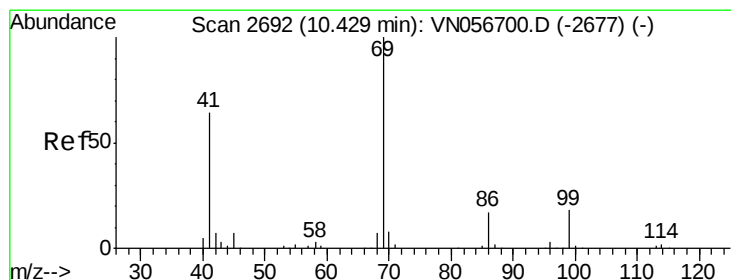
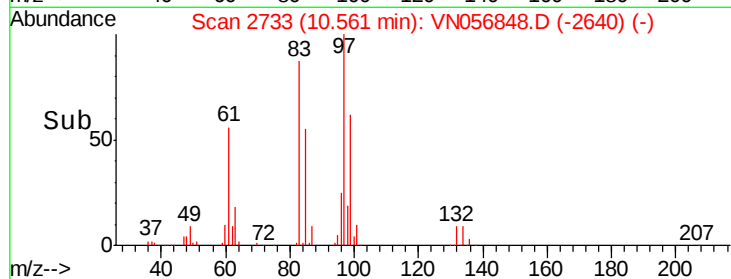
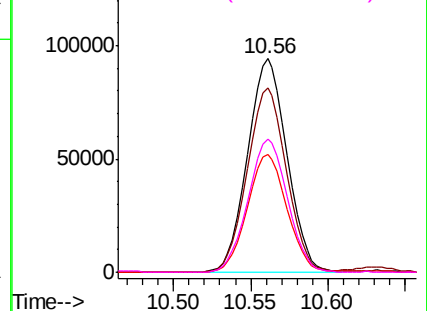
Abundance

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

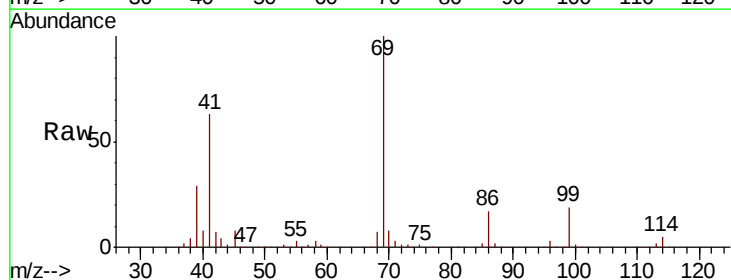
Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 53.616 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 69 Resp: 254355

Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	30.4	24.6	36.8

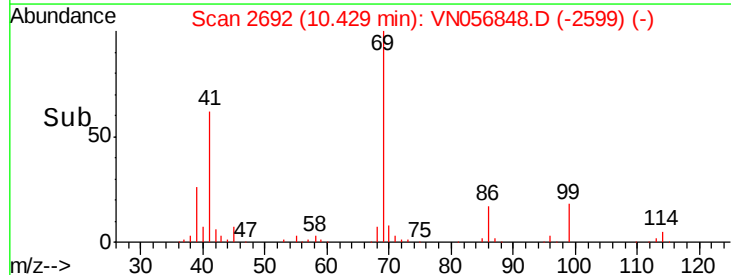
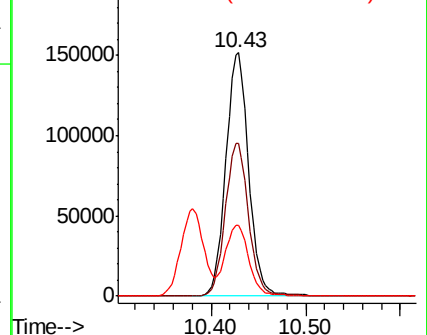


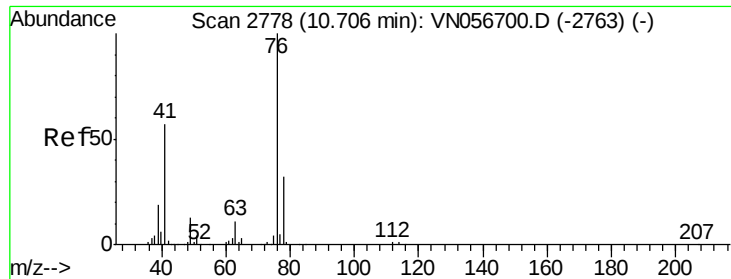
Abundance

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

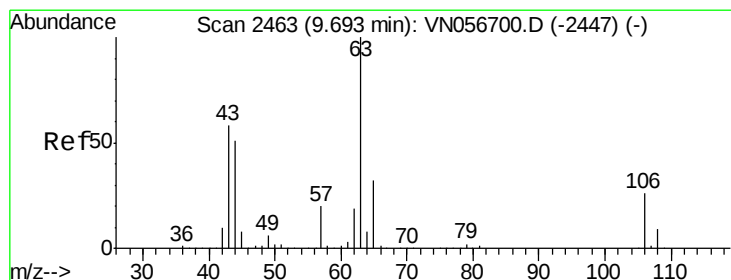
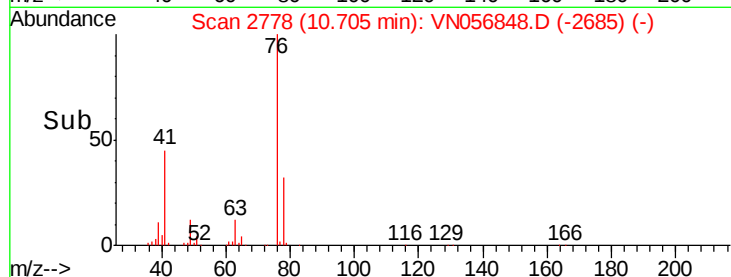
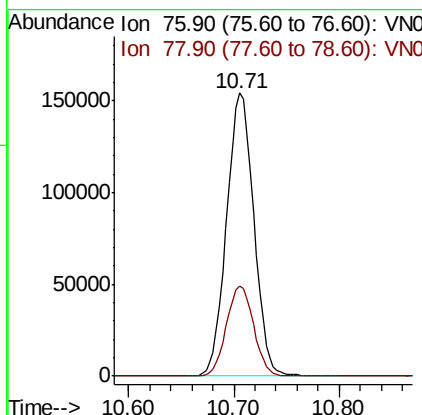
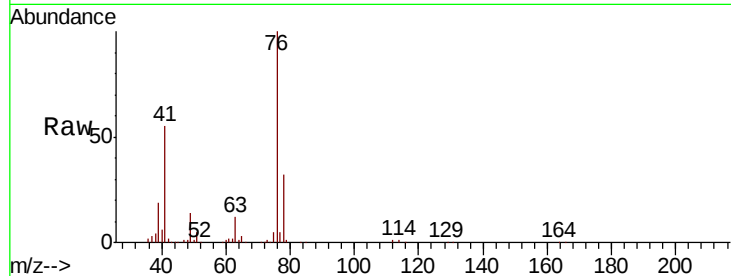




#57
 1,3-Dichloropropane
 Concen: 51.246 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

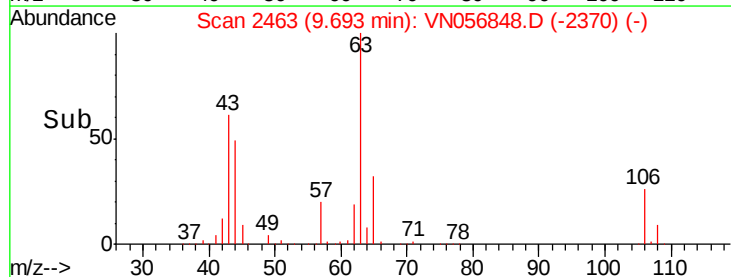
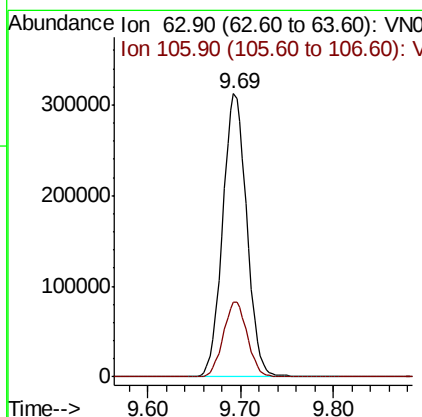
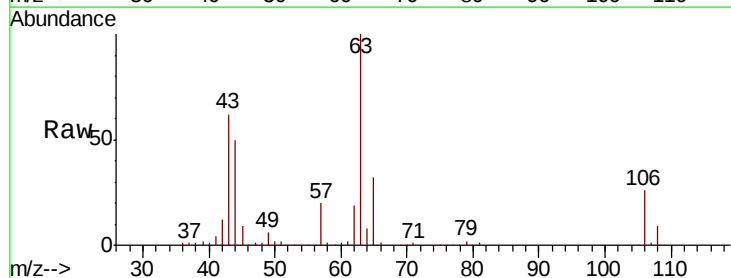
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

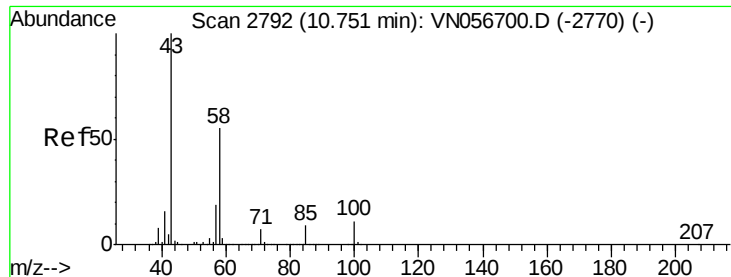
Tot Ion: 76 Resp: 275953
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.701 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 63 Resp: 562788
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.2 31.8

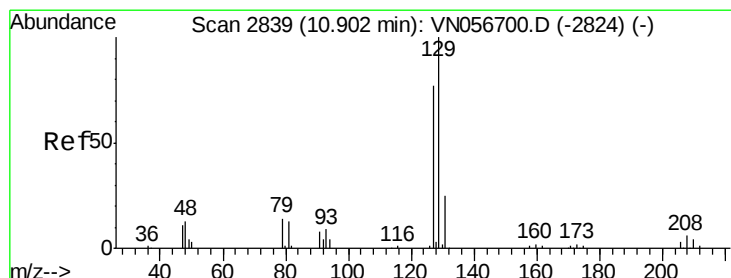
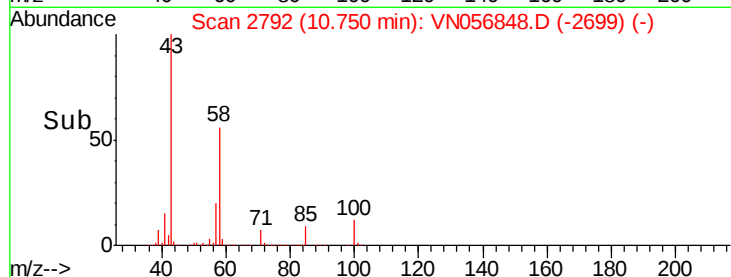
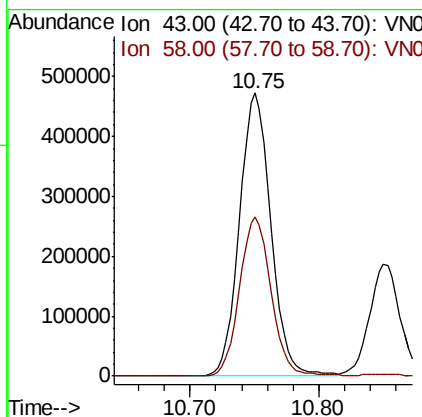
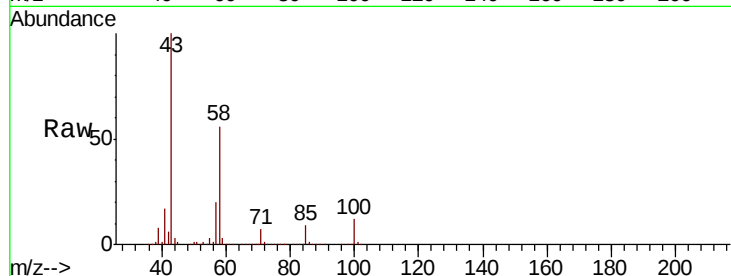




#59
2-Hexanone
Concen: 257.520 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

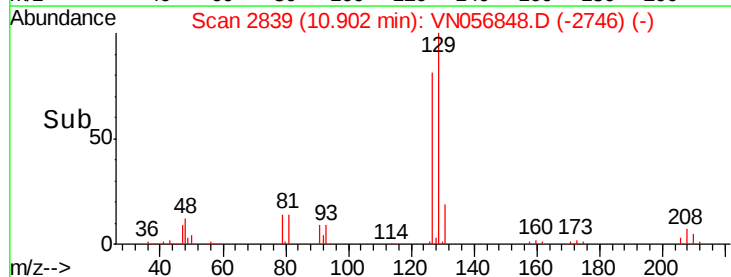
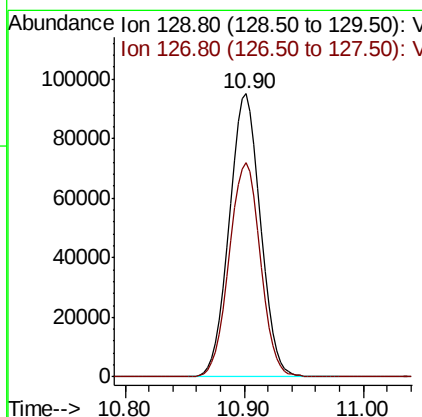
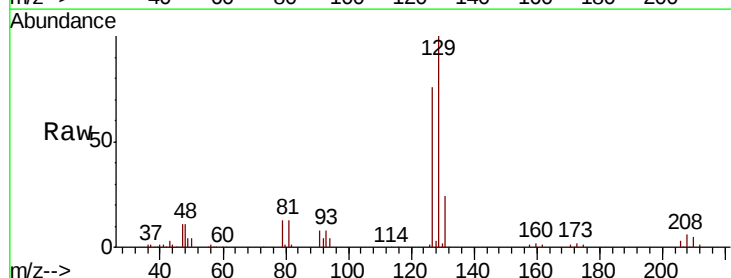
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

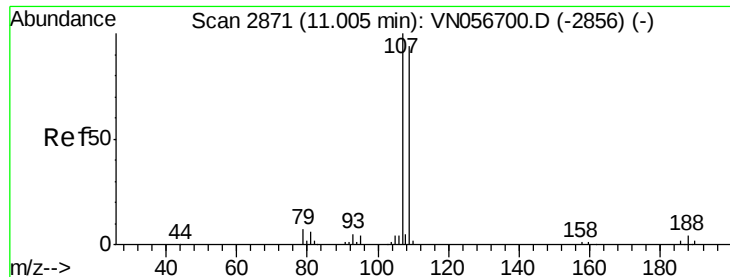
Tot Ion: 43 Resp: 801054
Ion Ratio Lower Upper
43 100
58 56.6 27.9 83.6



#60
Dibromochloromethane
Concen: 53.271 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 129 Resp: 172734
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 53.126 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

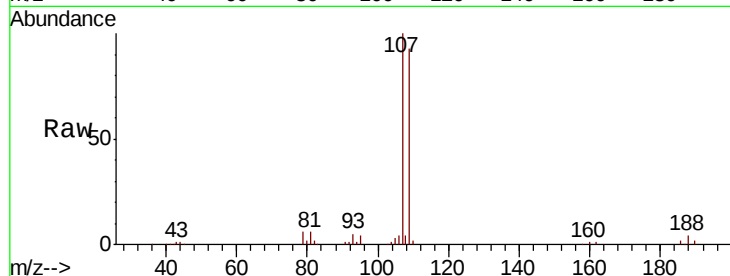
VSTDCCC050EC

Tot Ion:107 Resp: 174076

Ion Ratio Lower Upper

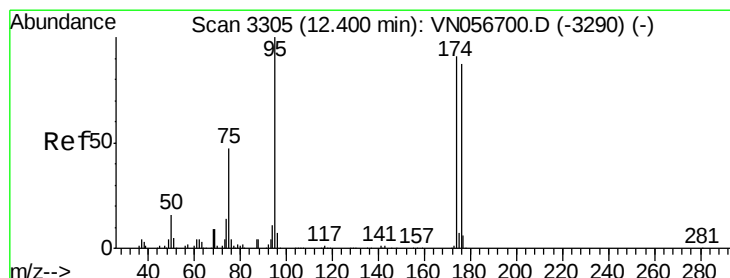
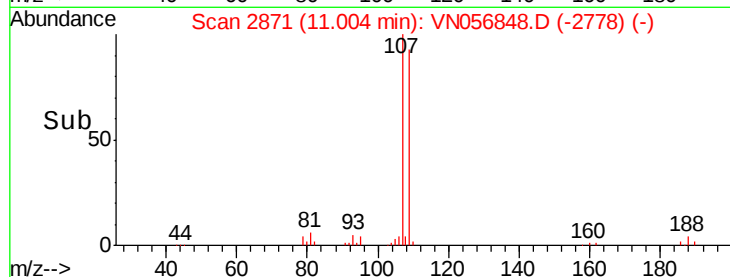
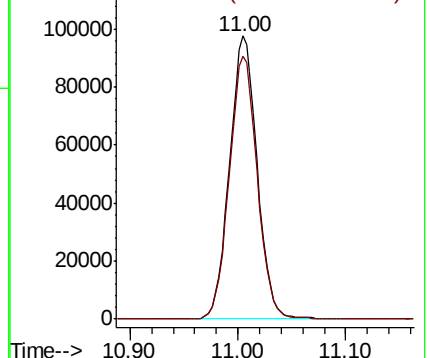
107 100

109 94.2 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

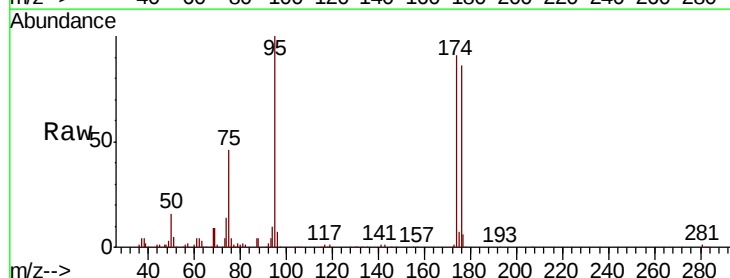
Tgt Ion: 95 Resp: 191064

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

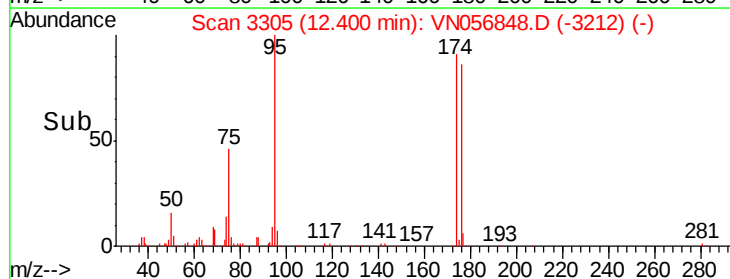
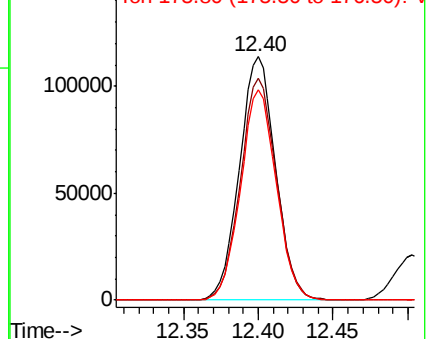
176 85.7 0.0 173.2

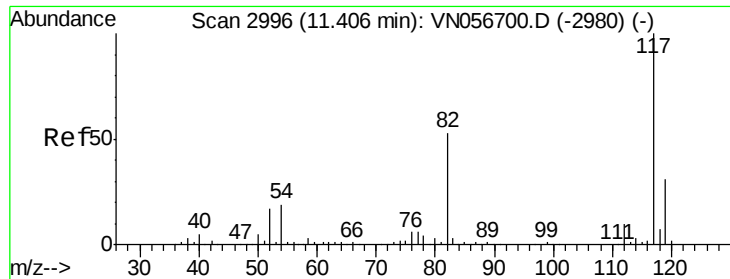


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

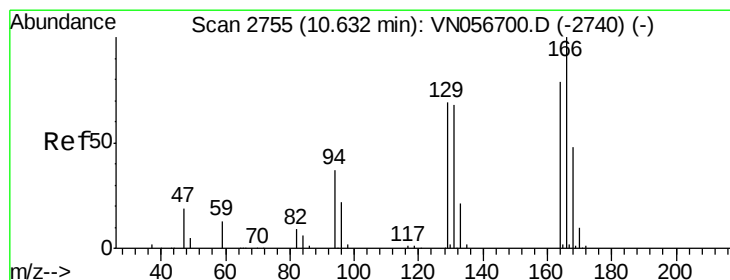
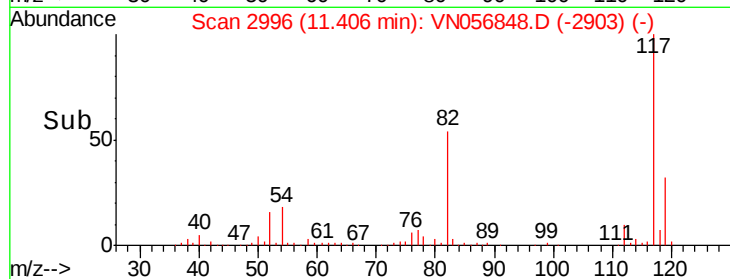
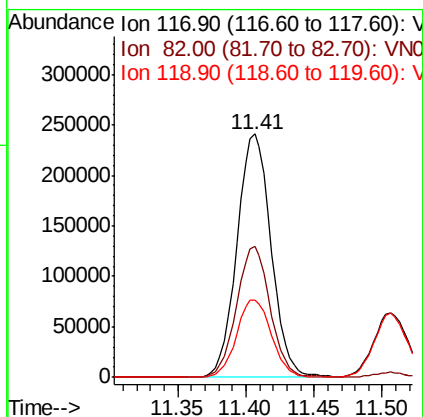
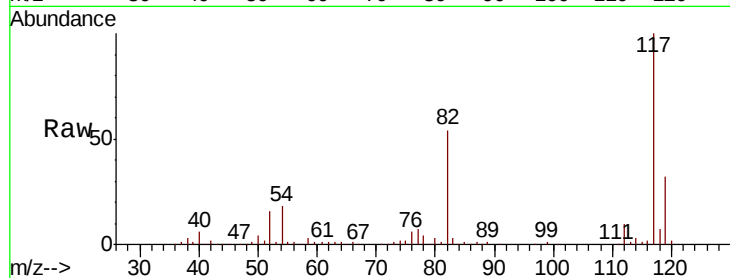




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

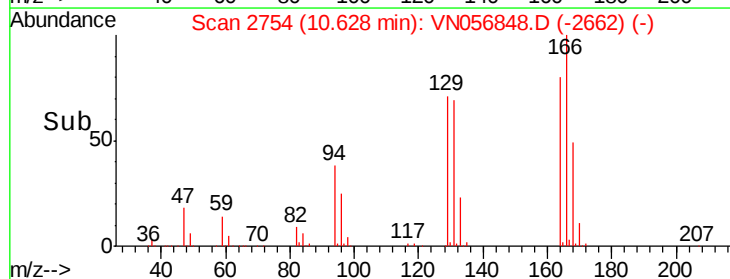
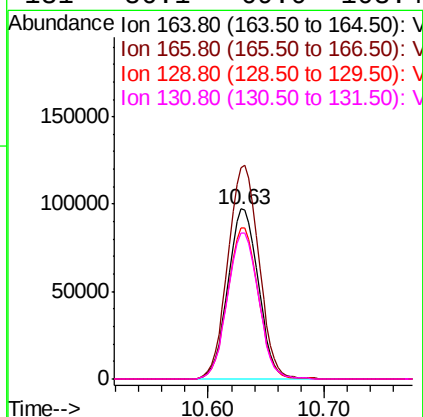
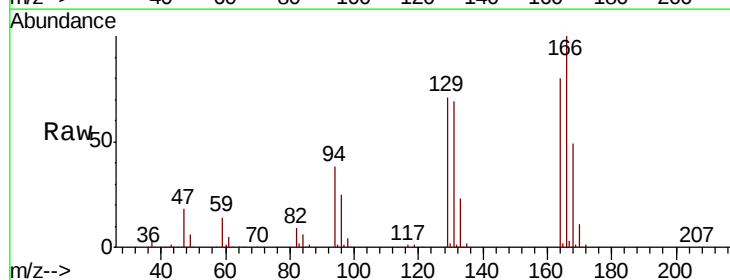
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

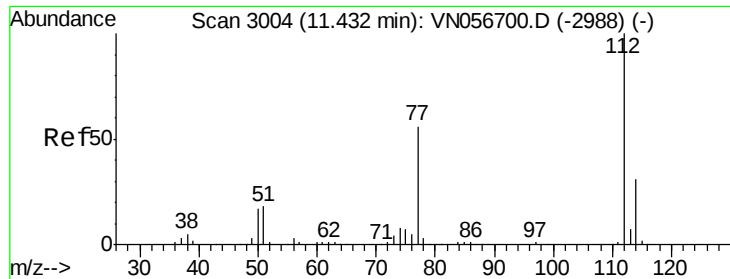
Tot Ion:117 Resp: 418539
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 48.987 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:164 Resp: 176883
Ion Ratio Lower Upper
164 100
166 124.3 101.4 152.2
129 88.6 69.6 104.4
131 86.1 69.0 103.4

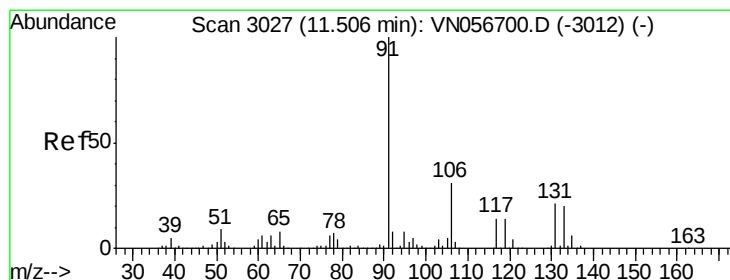
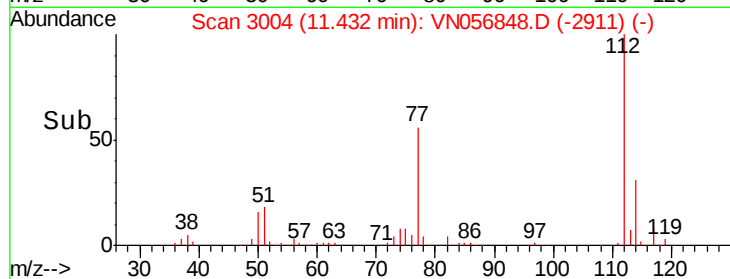
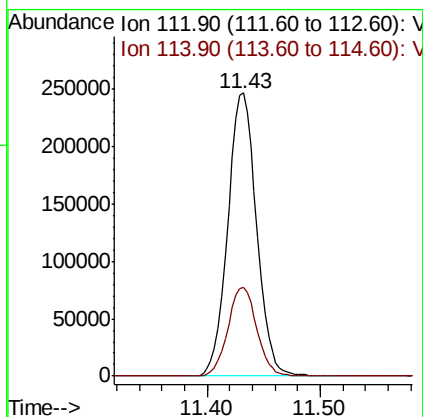
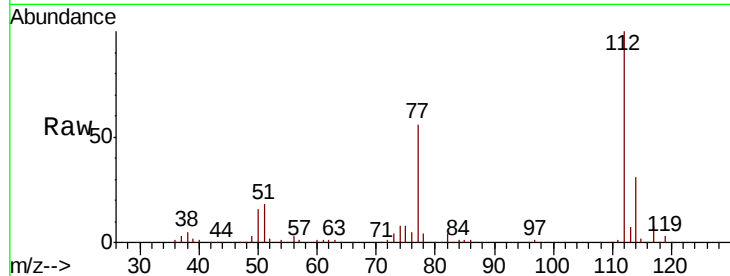




#65
Chlorobenzene
Concen: 50.959 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

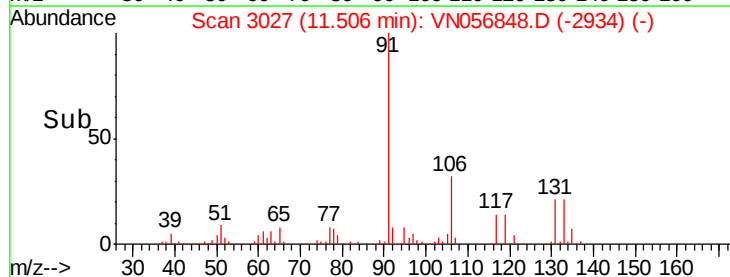
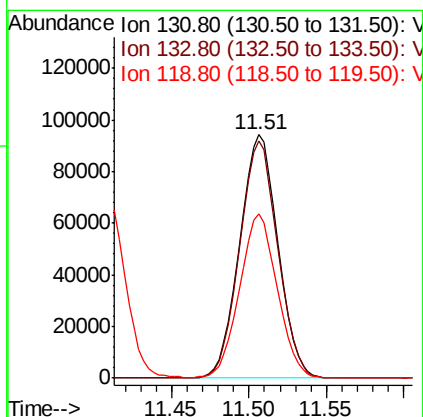
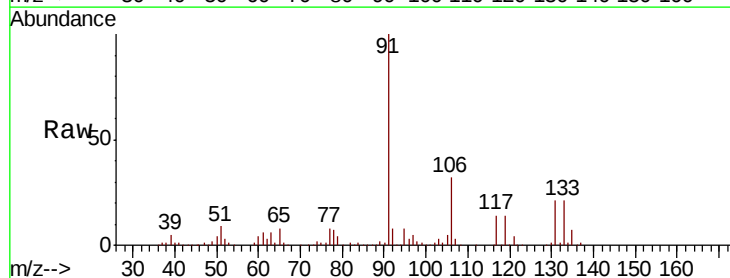
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

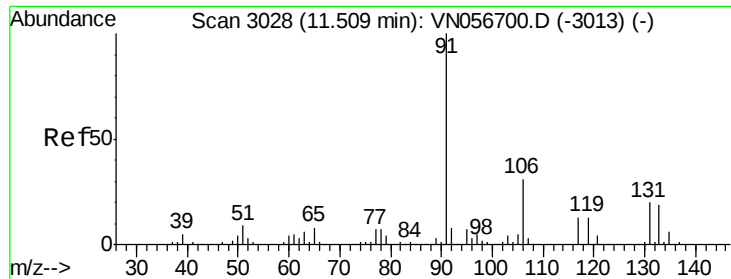
Tot Ion:112 Resp: 436104
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.530 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:131 Resp: 162371
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.7
119 66.4 32.8 98.3

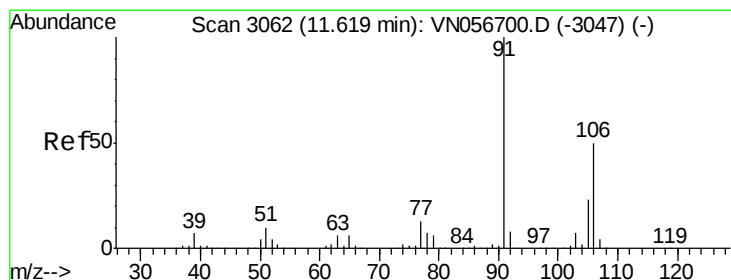
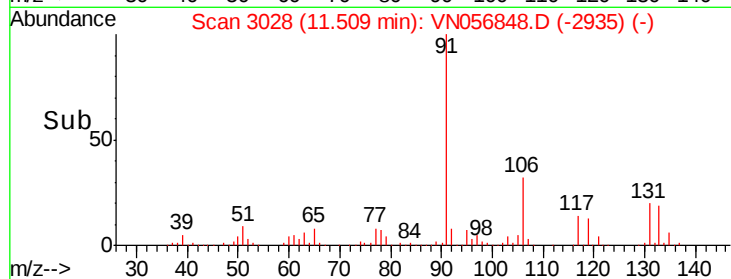
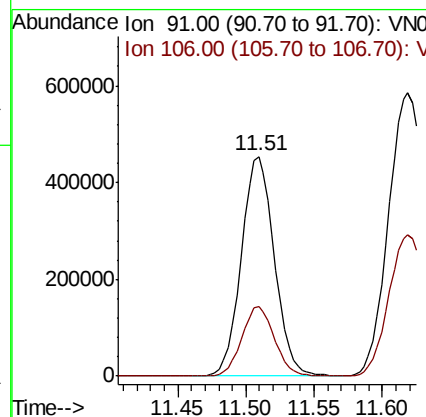
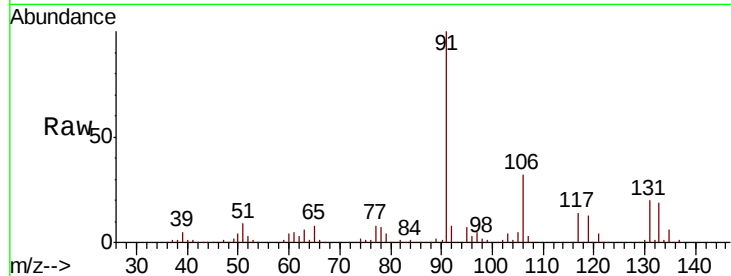




#67
Ethyl Benzene
Concen: 50.704 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

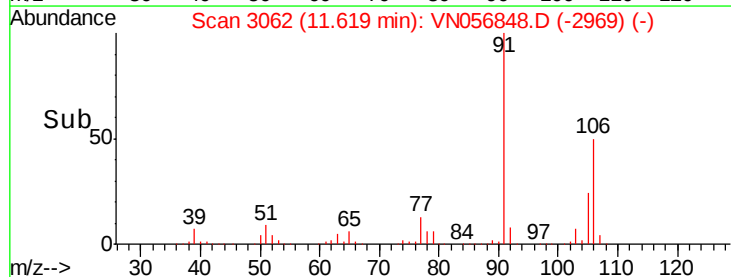
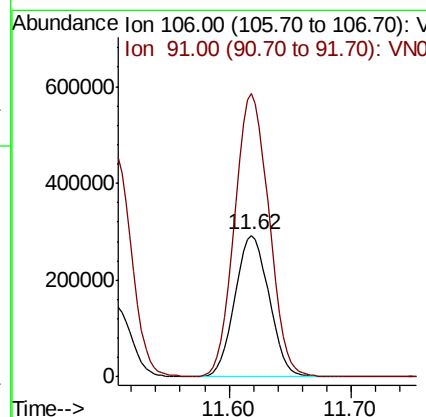
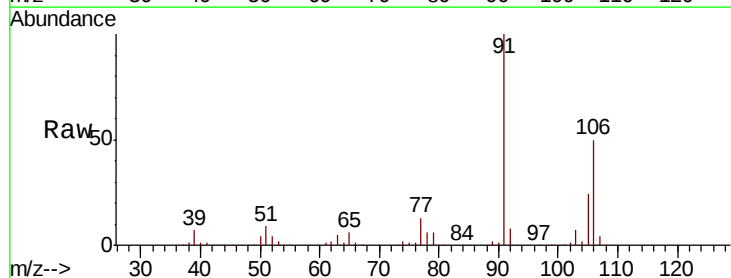
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

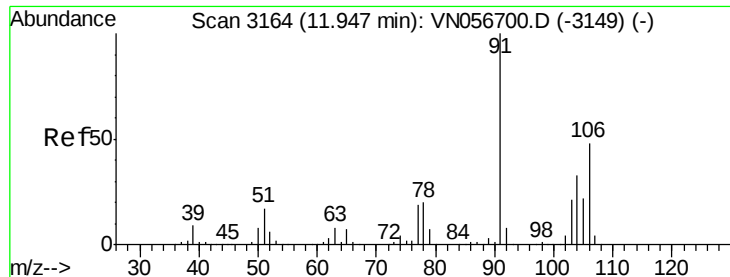
Tot Ion: 91 Resp: 762583
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 101.265 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 106 Resp: 569189
Ion Ratio Lower Upper
106 100
91 201.5 160.5 240.7

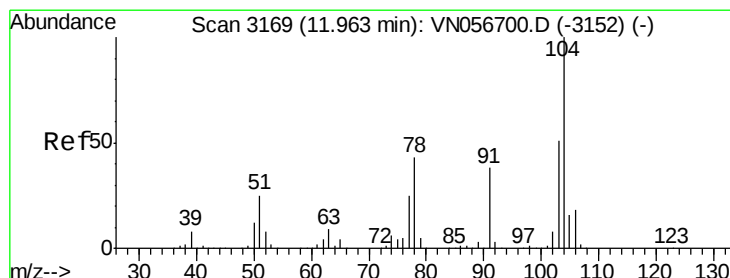
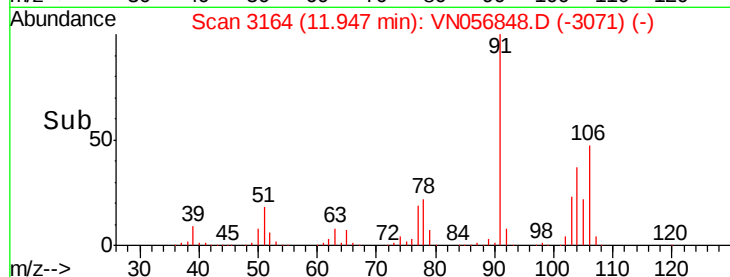
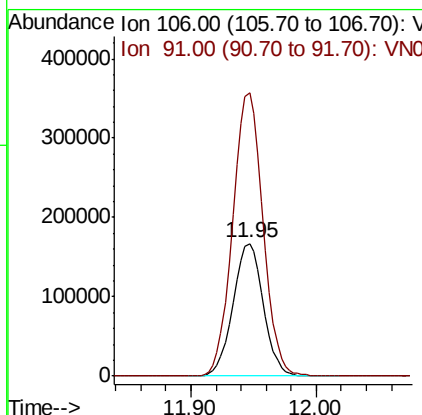
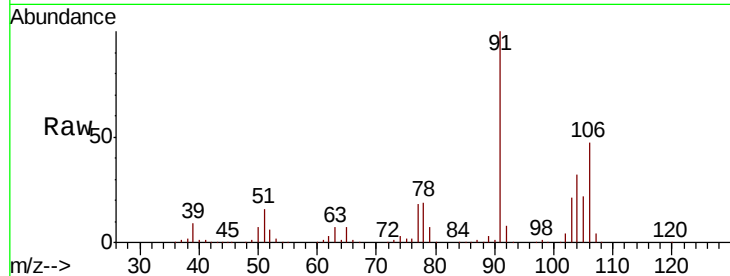




#69
o-Xylene
Concen: 50.661 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

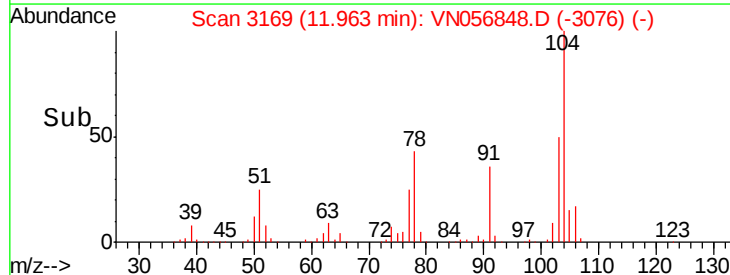
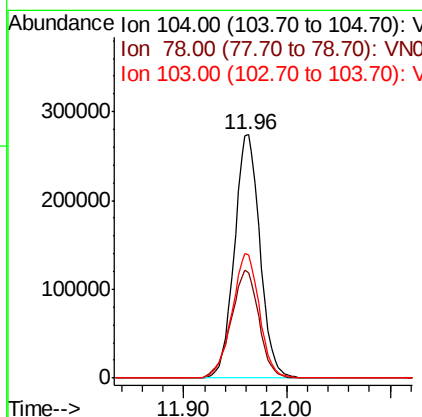
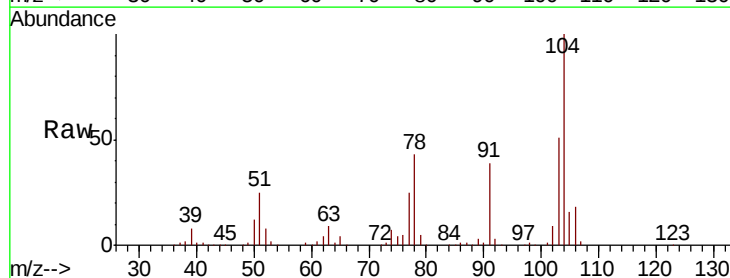
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

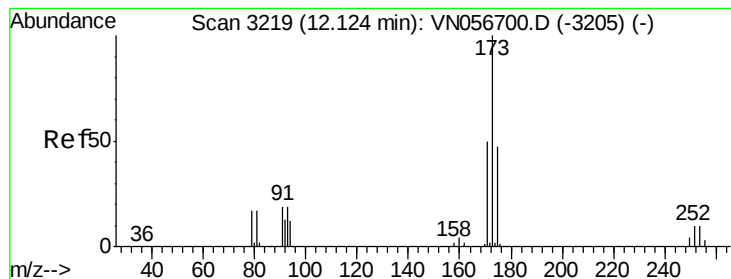
Tot Ion:106 Resp: 279948
Ion Ratio Lower Upper
106 100
91 213.7 105.6 316.8



#70
Styrene
Concen: 53.013 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:104 Resp: 473607
Ion Ratio Lower Upper
104 100
78 48.0 38.6 57.8
103 55.0 44.2 66.4





#71

Bromoform

Concen: 53.938 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

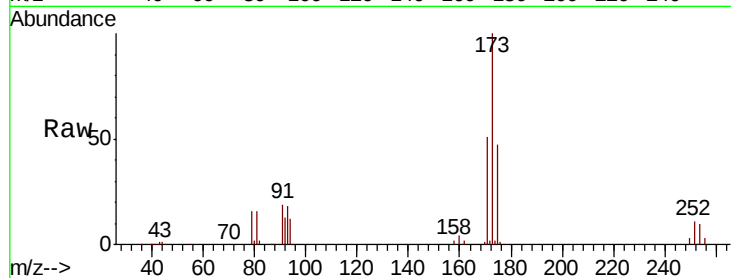
Tot Ion:173 Resp: 129317

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.4

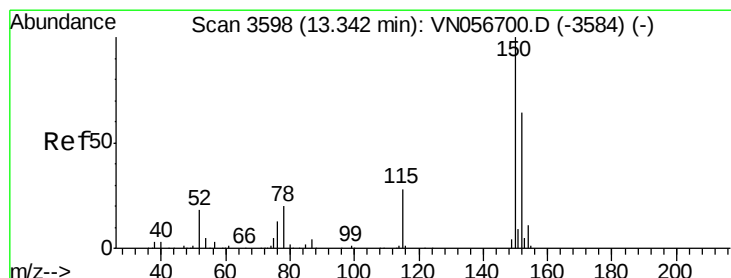
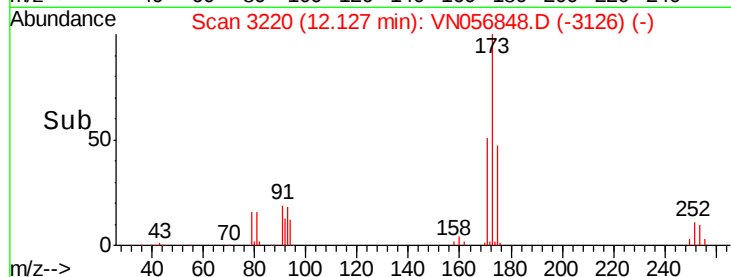
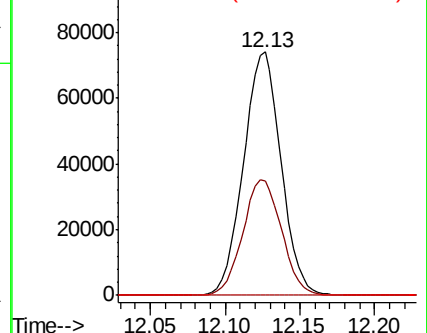
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

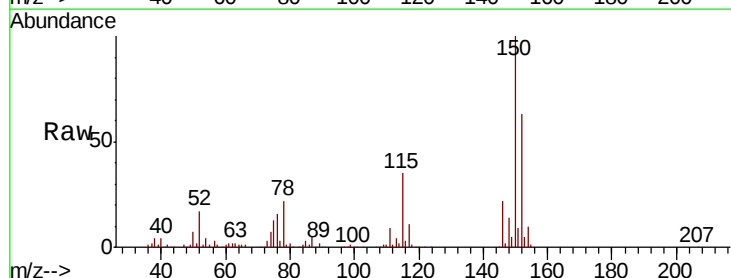
Tgt Ion:152 Resp: 187992

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

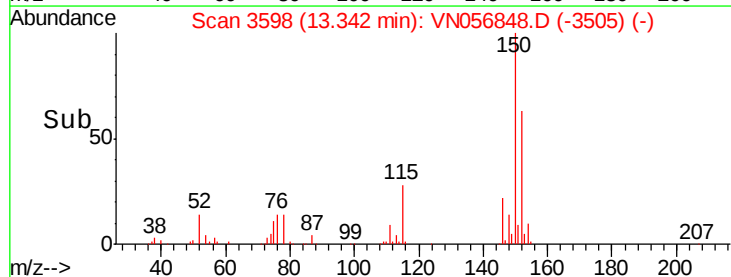
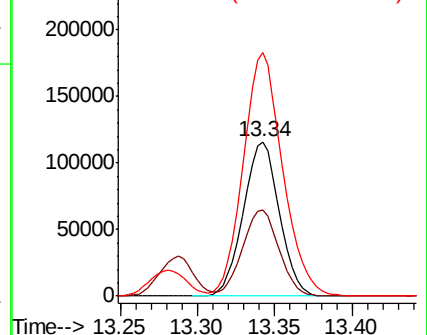
150 172.0 0.0 345.8

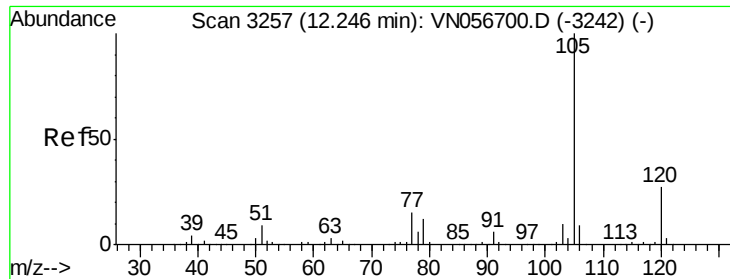


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.842 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

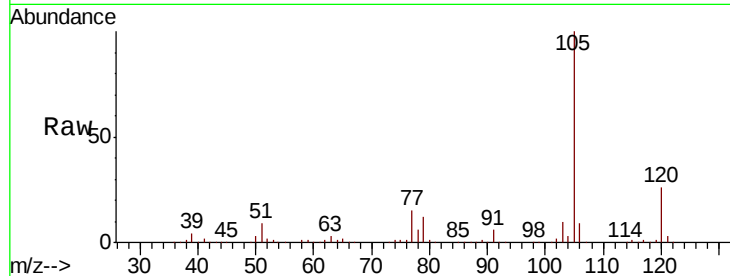
VSTDCCC050EC

Tot Ion:105 Resp: 740351

Ion Ratio Lower Upper

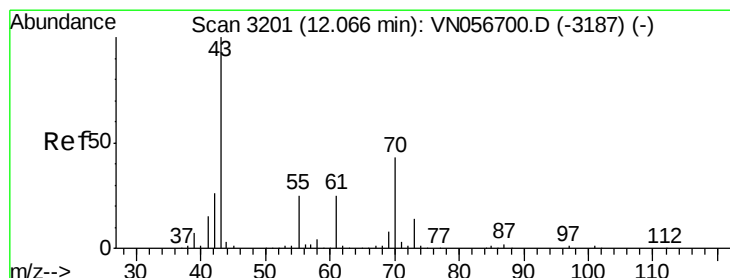
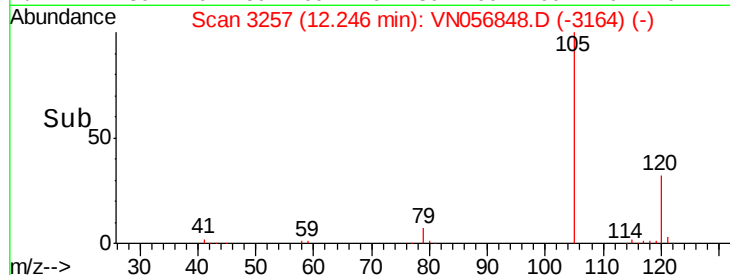
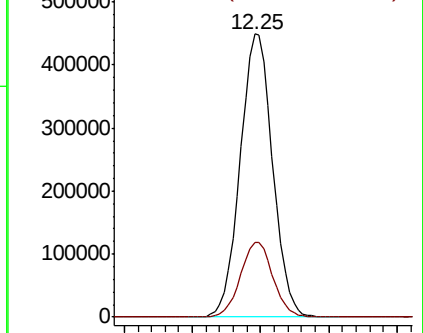
105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.239 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 277964

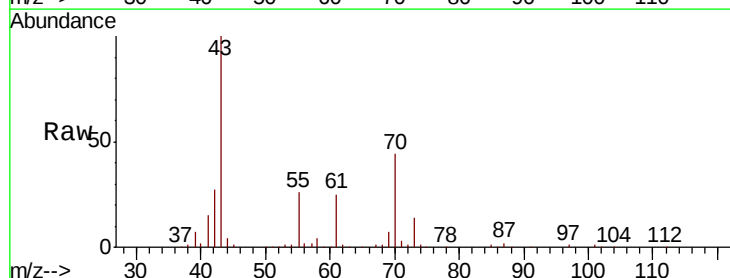
Ion Ratio Lower Upper

43 100

70 43.8 34.5 51.7

55 26.2 20.2 30.2

61 25.3 19.9 29.9

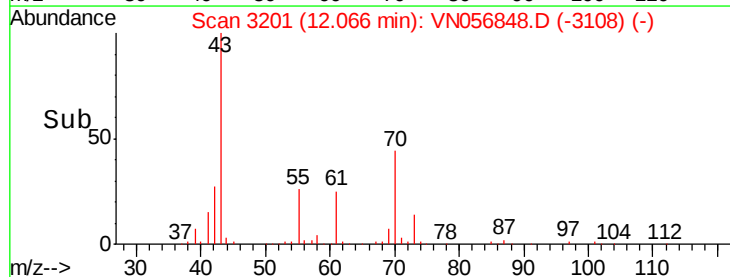
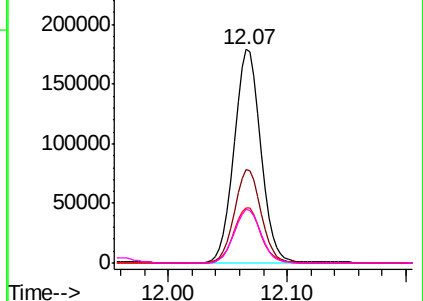


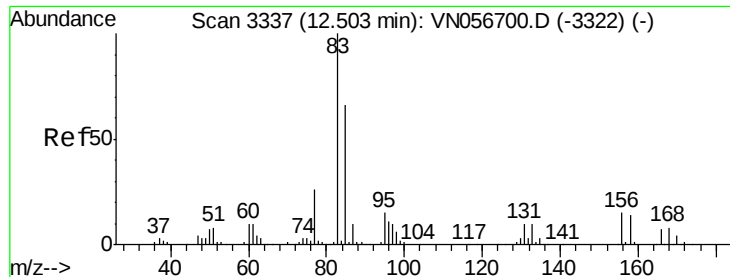
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 54.577 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

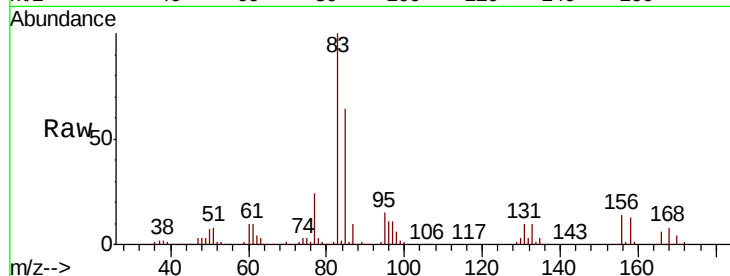
Tot Ion: 83 Resp: 238775

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	64.6	32.6	97.8

83 100

131 10.3 5.3 15.8

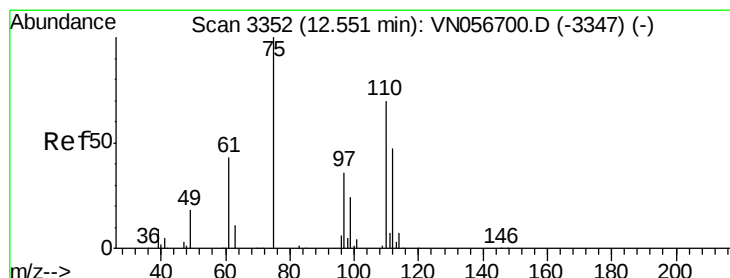
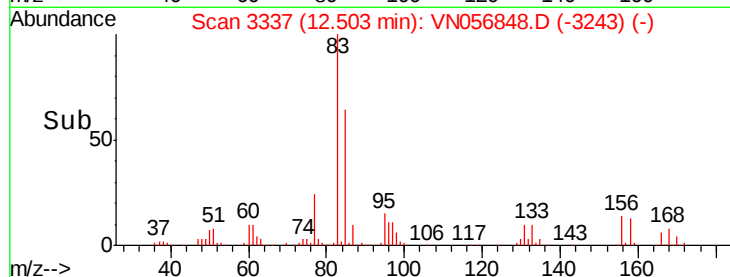
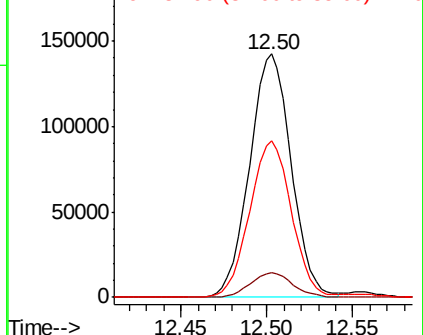
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VN056700.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN056700.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN056700.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 71.536 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056848.D

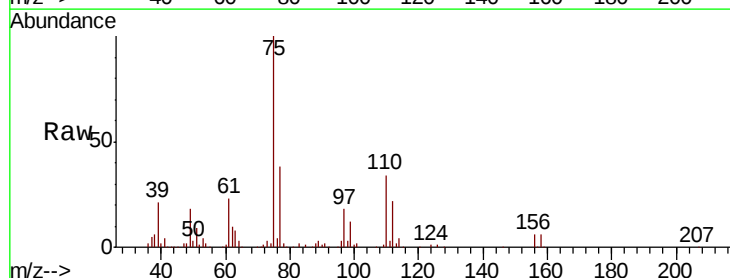
Acq: 19 Jul 2019 21:30

Tgt Ion: 75 Resp: 294131

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

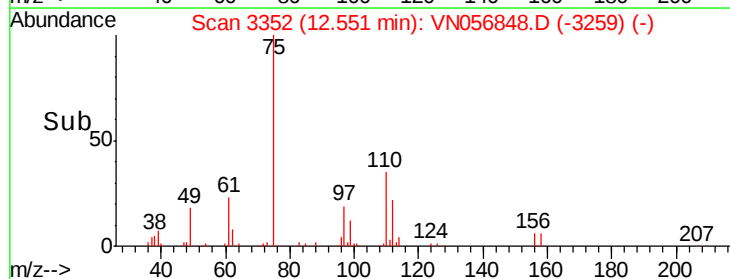
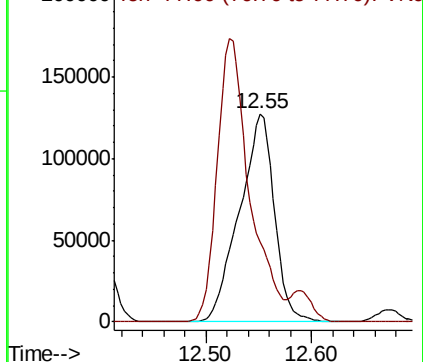
75 100

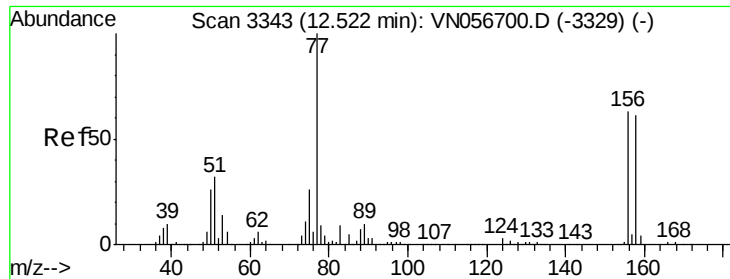
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056700.D (-3347) (-)





#77

Bromobenzene

Concen: 49.468 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

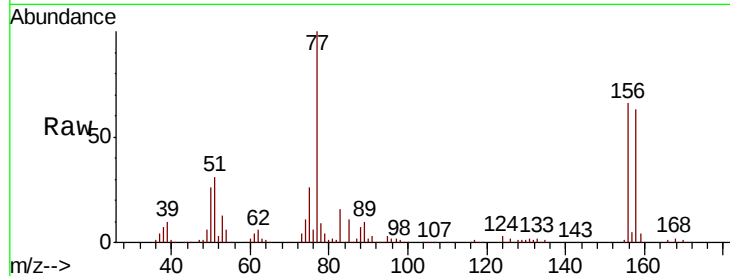
Tot Ion:156 Resp: 196125

Ion Ratio Lower Upper

156 100

77 188.1 97.2 291.6

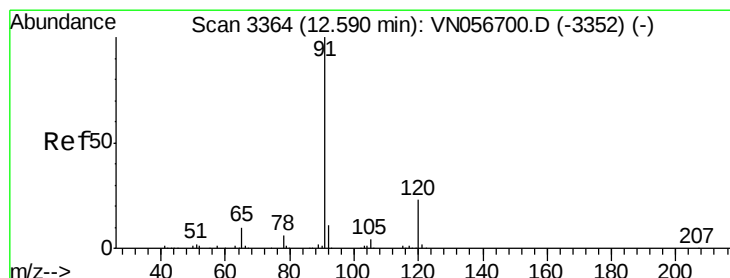
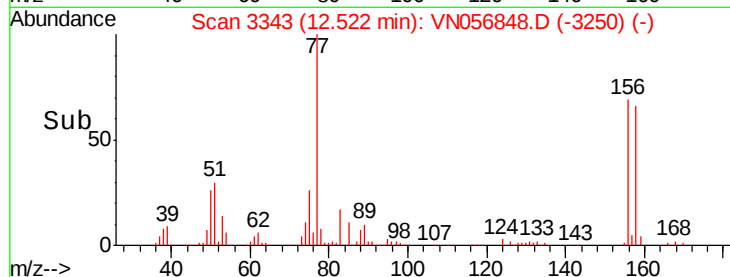
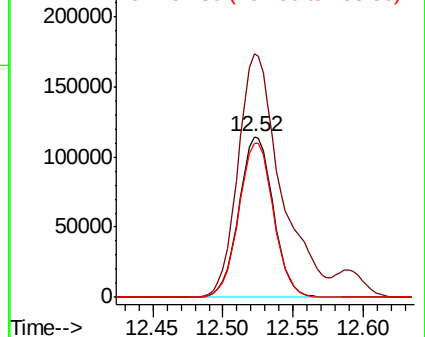
158 96.7 48.9 146.8



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: 48.568 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056848.D

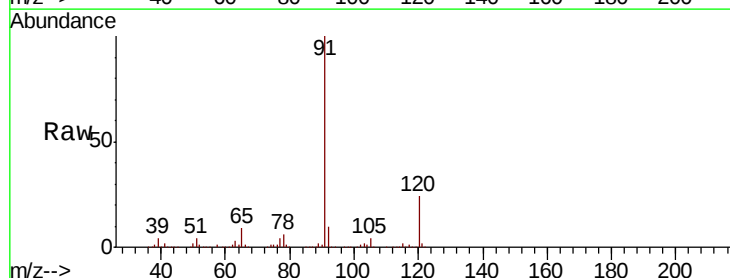
Acq: 19 Jul 2019 21:30

Tgt Ion: 91 Resp: 817305

Ion Ratio Lower Upper

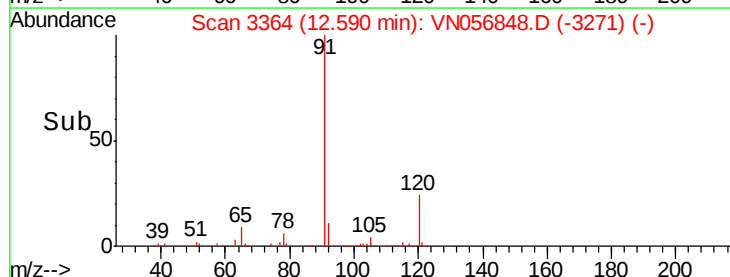
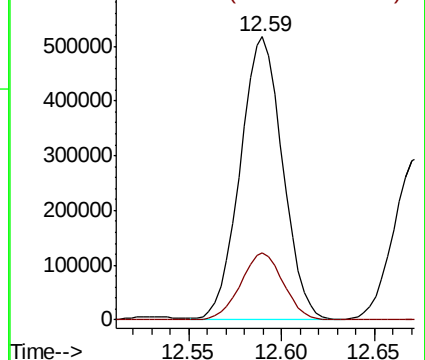
91 100

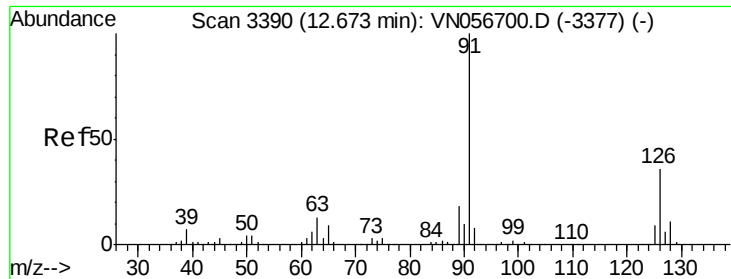
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

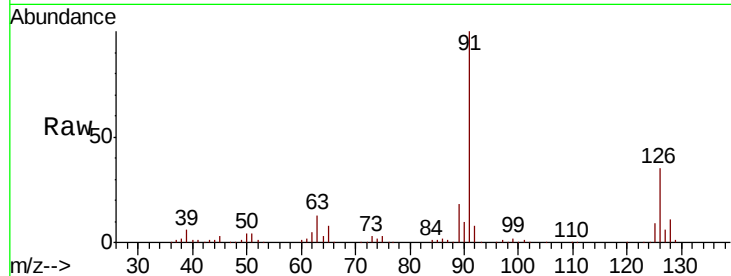




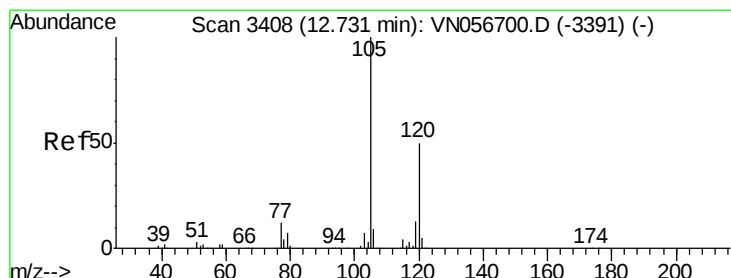
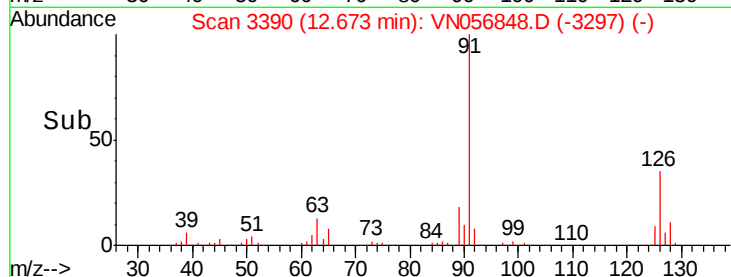
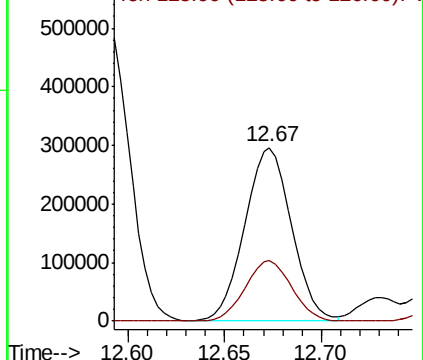
#79
 2-Chlorotoluene
 Concen: 53.500 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 496440
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7

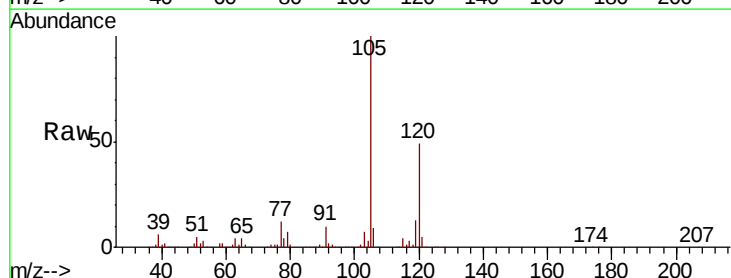


Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)

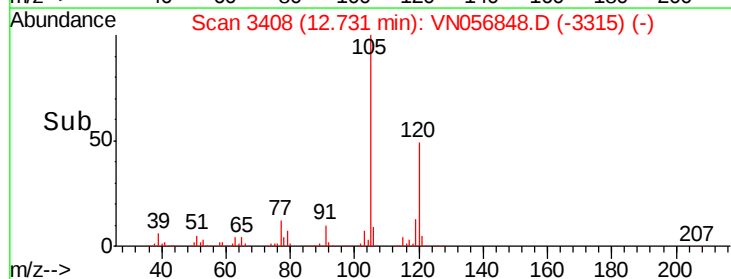
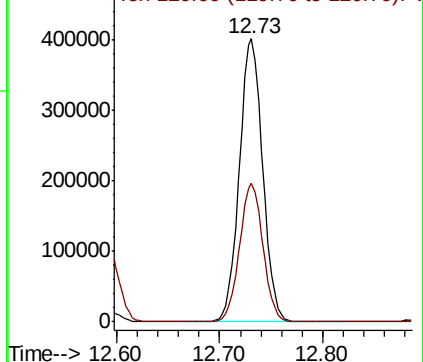


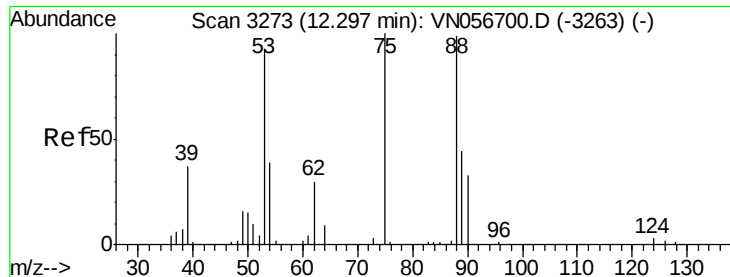
#80
 1,3,5-Trimethylbenzene
 Concen: 48.961 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 105 Resp: 628997
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.953 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

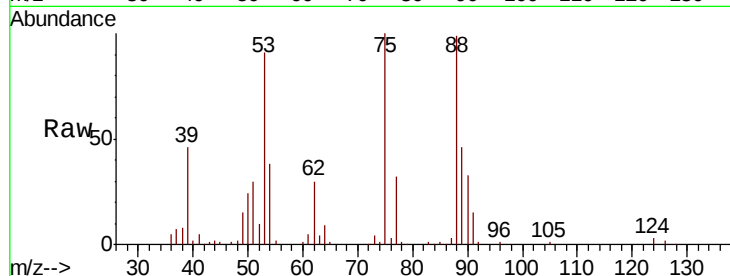
Tot Ion: 75 Resp: 66505

Ion Ratio Lower Upper

75 100

53 91.9 73.7 110.5

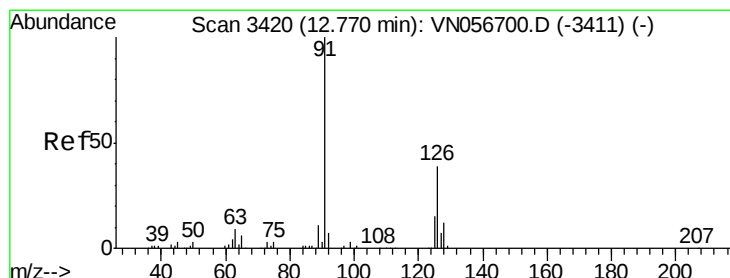
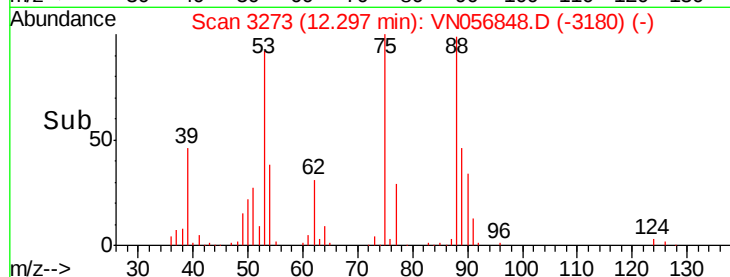
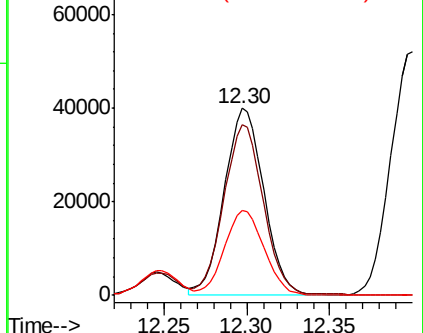
89 45.2 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.960 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056848.D

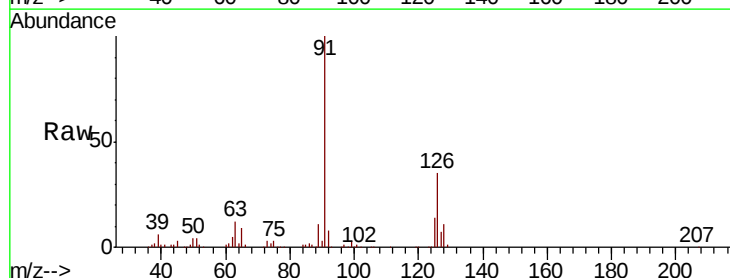
Acq: 19 Jul 2019 21:30

Tgt Ion: 91 Resp: 483506

Ion Ratio Lower Upper

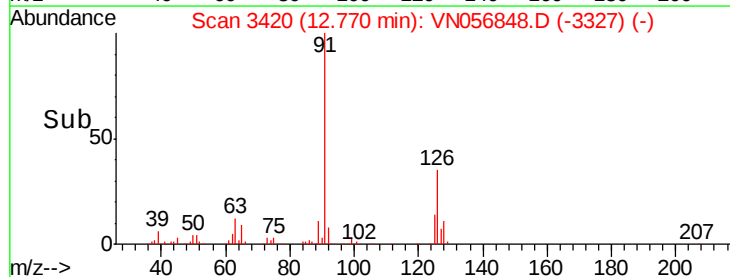
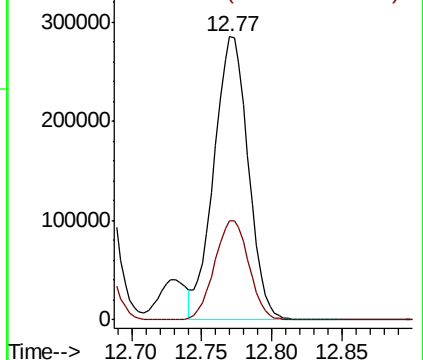
91 100

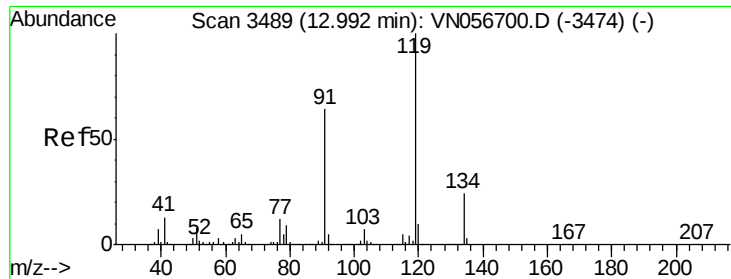
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

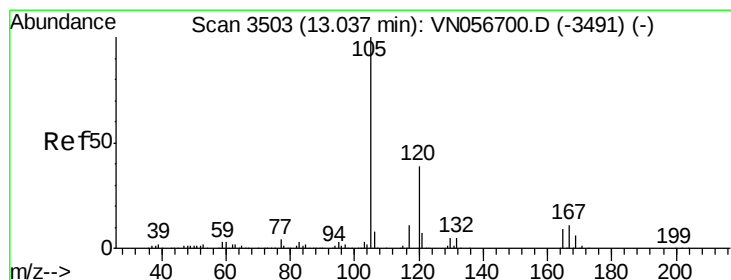
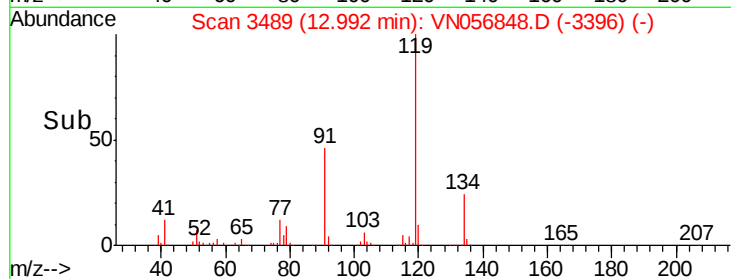
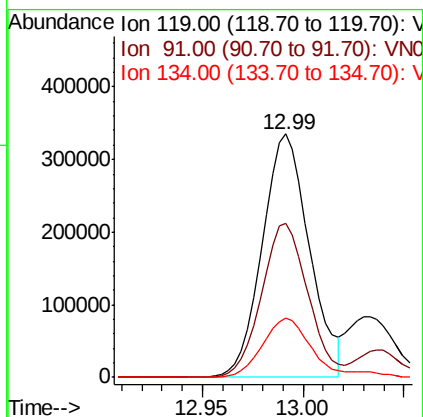
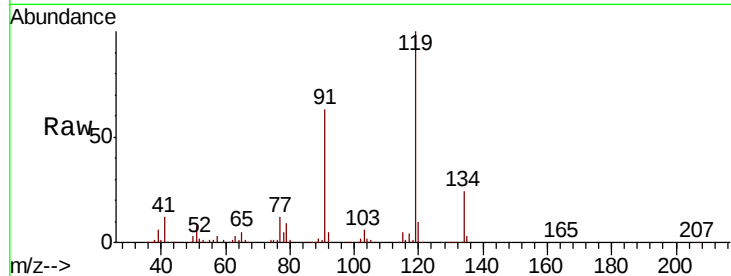




#83
 tert-Butylbenzene
 Concen: 54.456 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

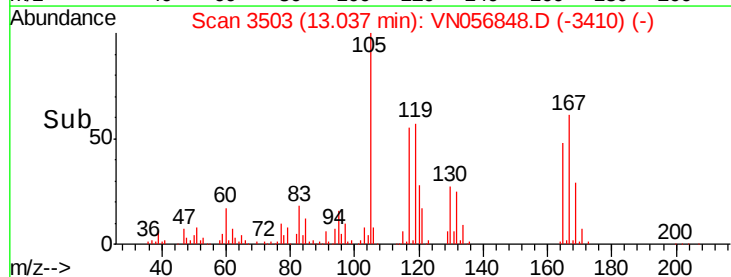
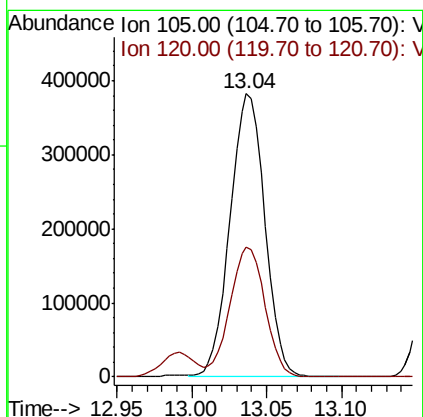
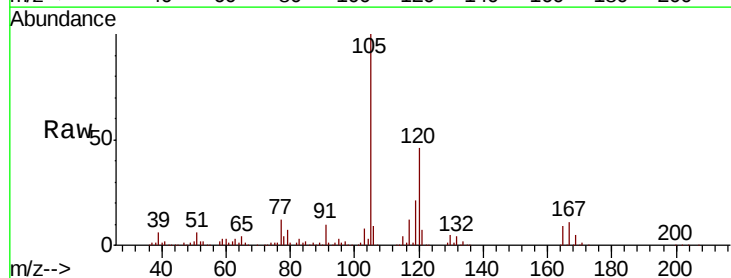
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

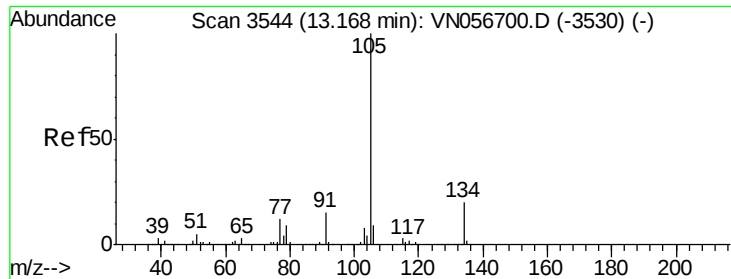
Tot Ion:119 Resp: 544068
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.8 95.4
 134 26.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.228 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion:105 Resp: 617842
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.981 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

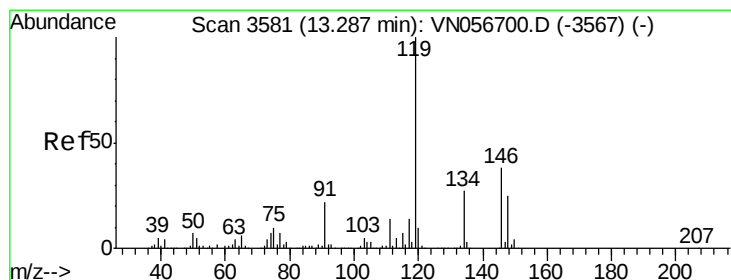
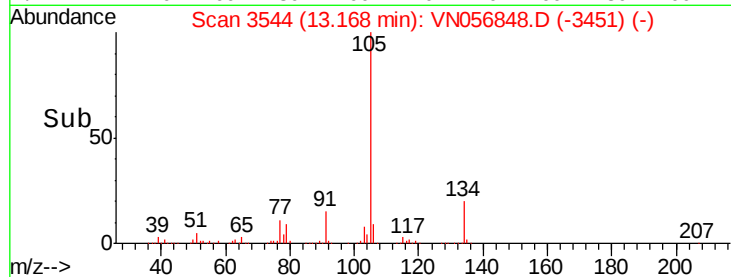
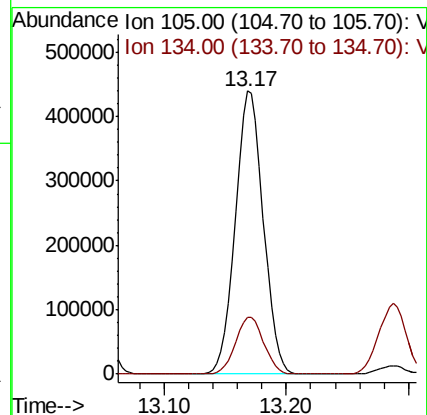
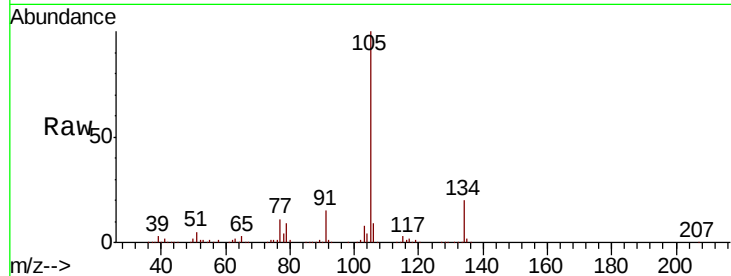
VSTDCCC050EC

Tot Ion:105 Resp: 699224

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.344 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

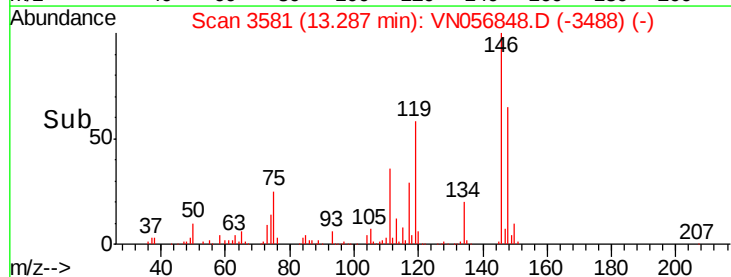
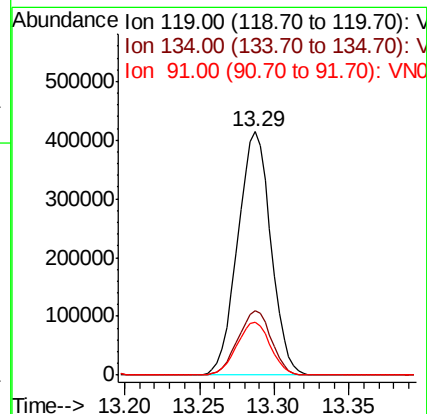
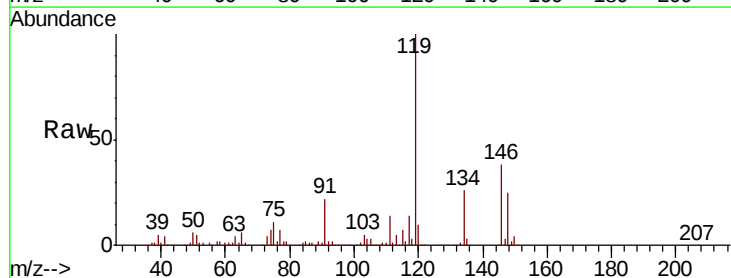
Tgt Ion:119 Resp: 638114

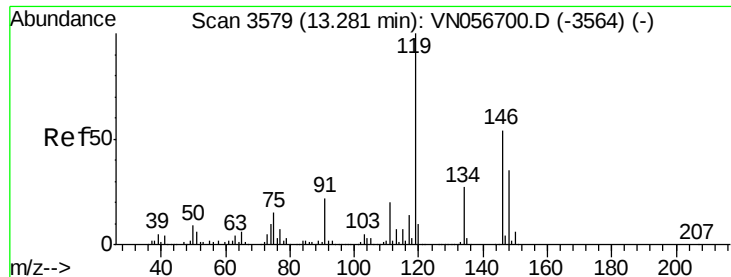
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.2 33.5

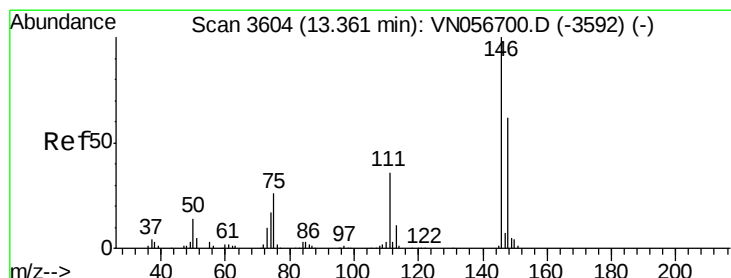
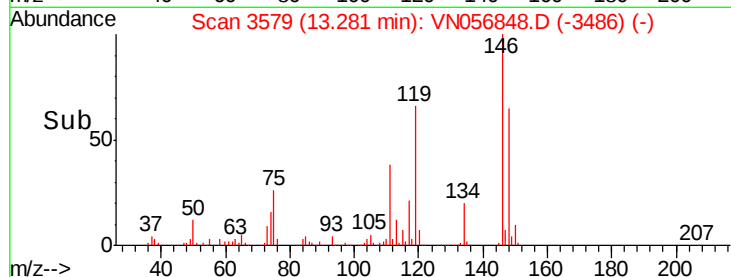
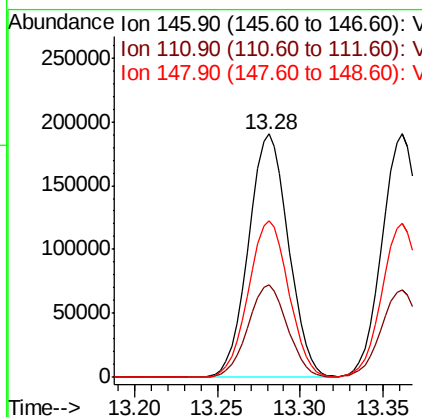
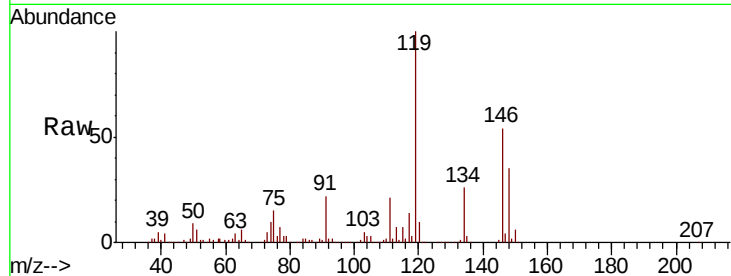




#87
 1,3-Dichlorobenzene
 Concen: 49.107 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

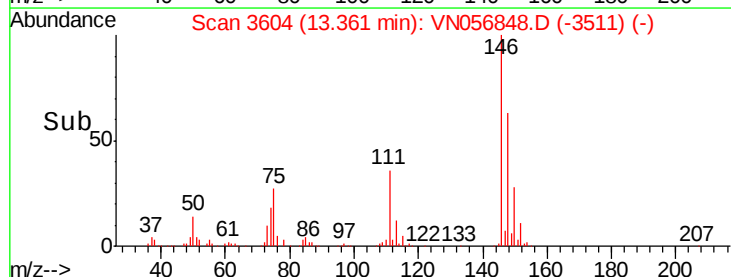
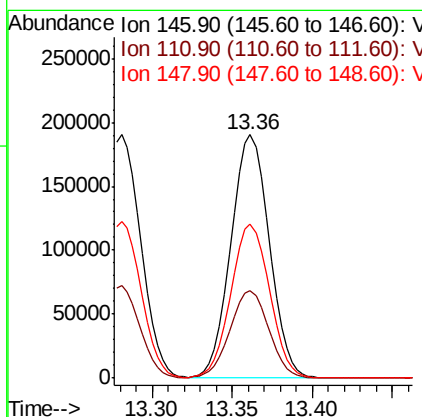
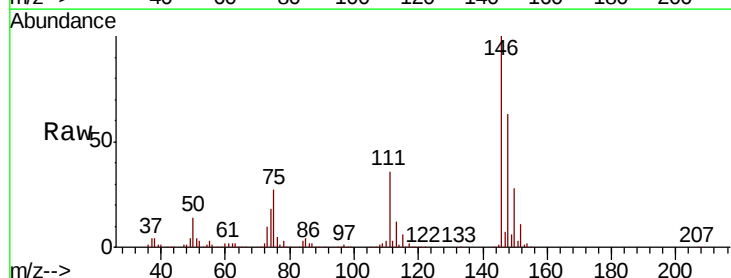
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

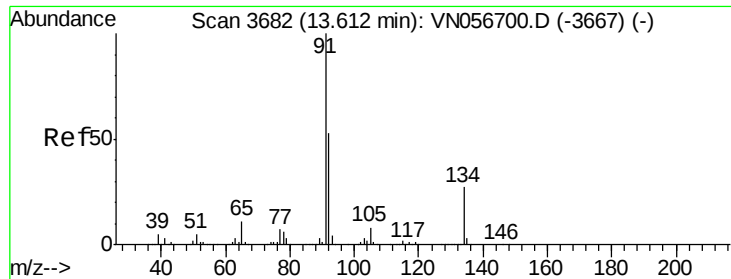
Tot Ion:146 Resp: 319071
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.3
 148 64.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.337 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion:146 Resp: 311821
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.6 55.8
 148 63.7 31.9 95.7

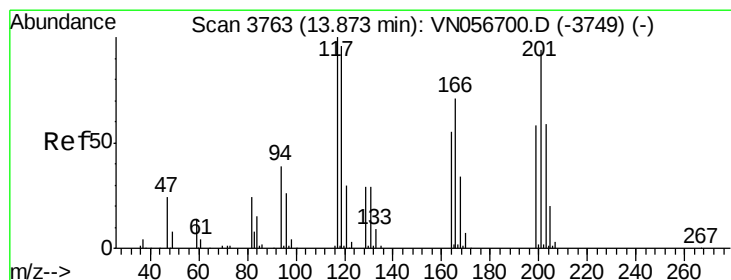
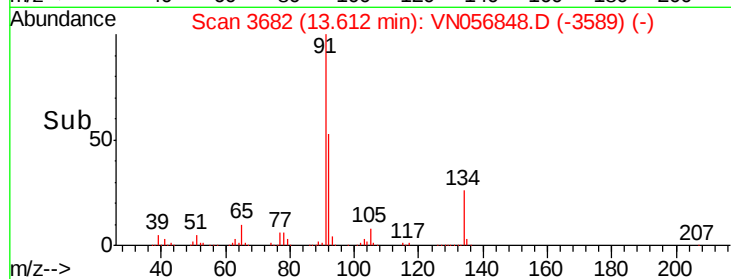
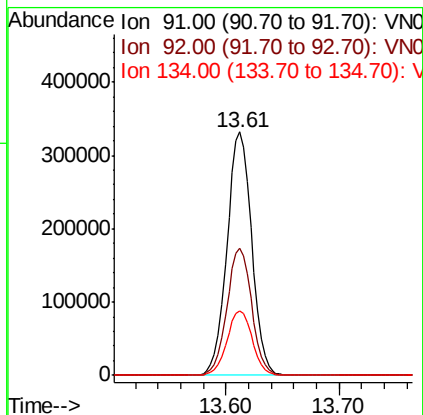
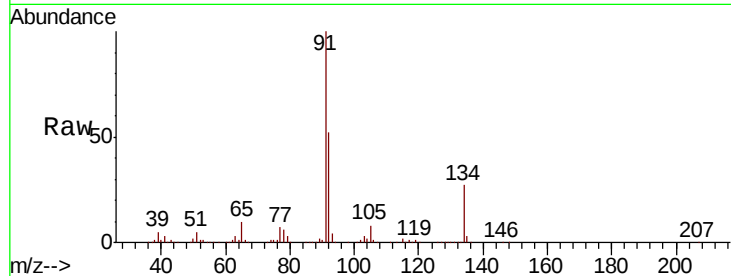




#89
n-Butylbenzene
Concen: 48.354 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

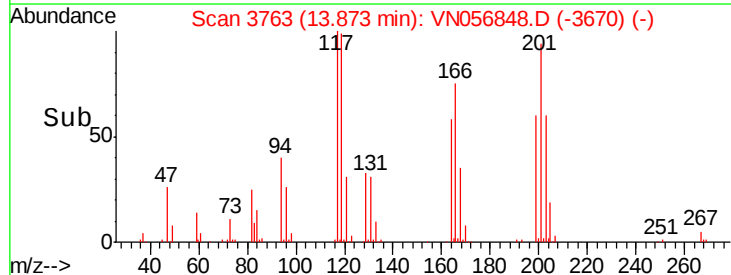
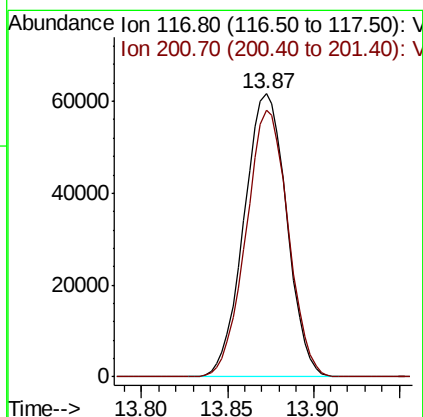
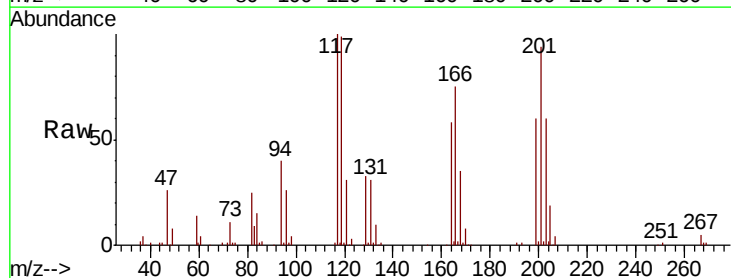
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

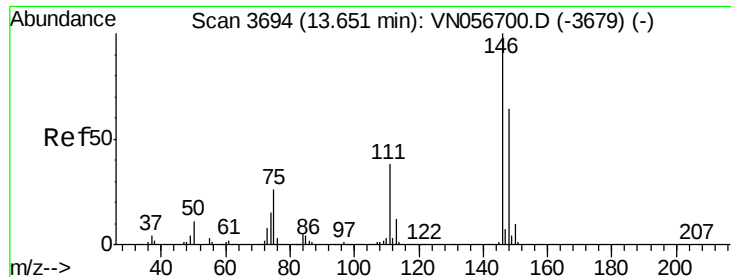
Tot Ion: 91 Resp: 503690
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 50.749 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 117 Resp: 106130
Ion Ratio Lower Upper
117 100
201 93.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 49.150 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

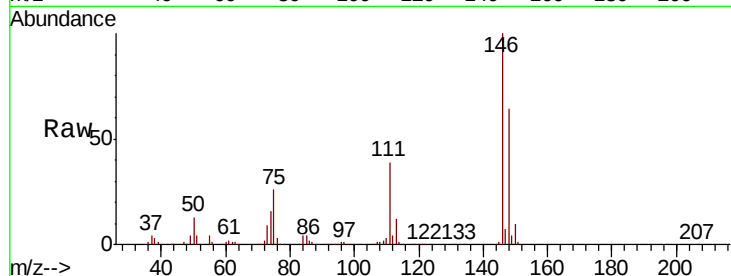
Tot Ion:146 Resp: 326618

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.1

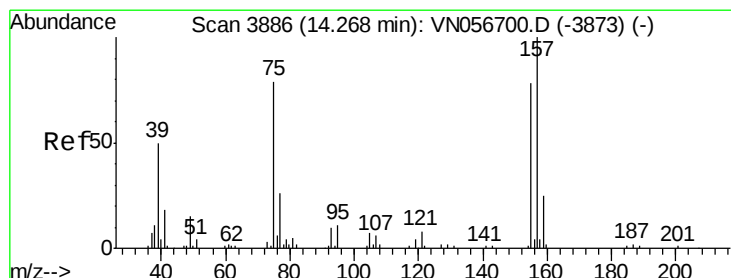
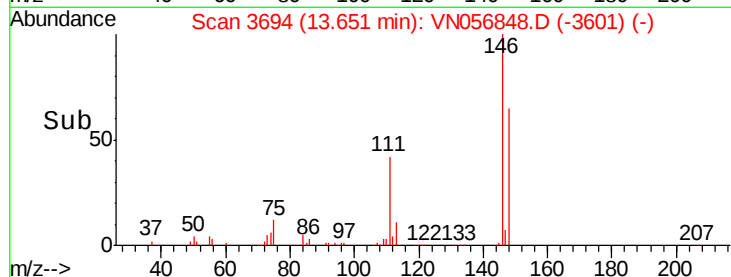
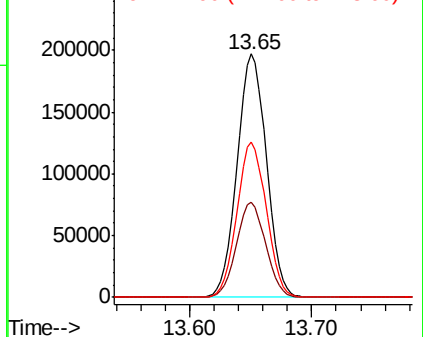
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.975 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

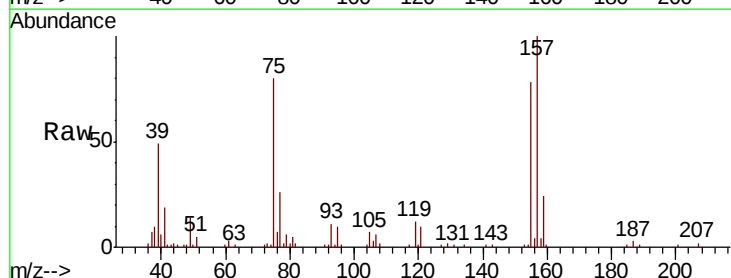
Tgt Ion: 75 Resp: 40620

Ion Ratio Lower Upper

75 100

155 98.9 49.3 147.9

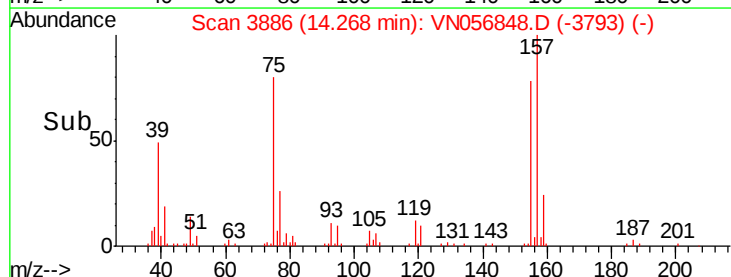
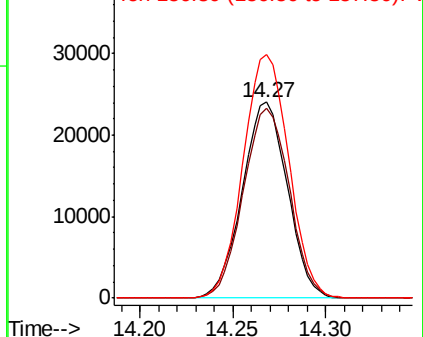
157 126.1 62.4 187.1

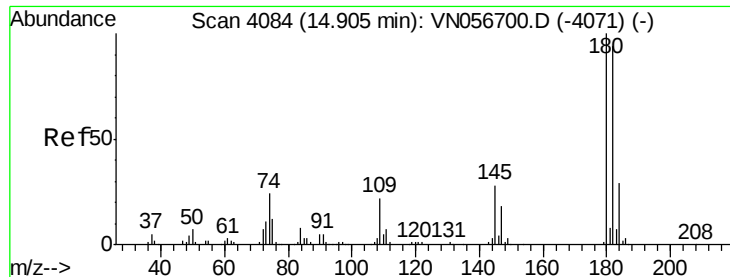


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

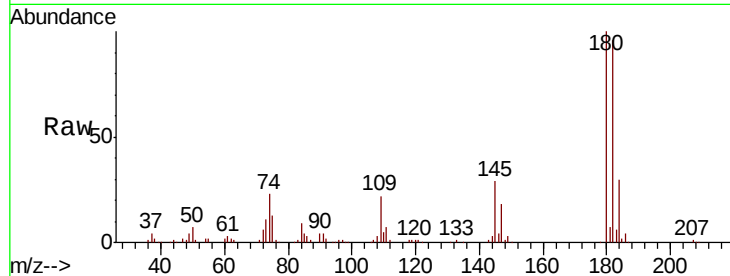




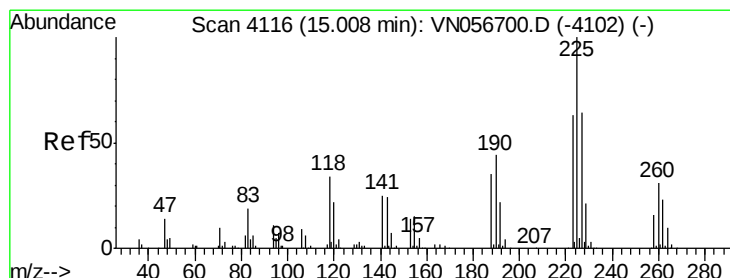
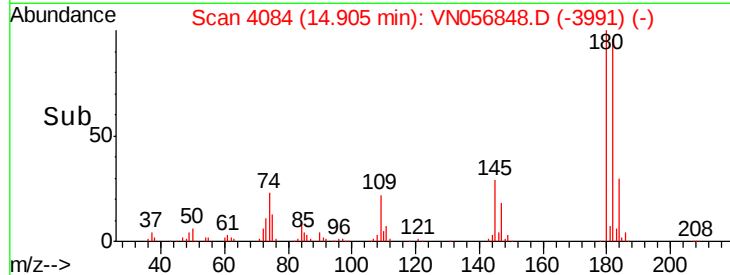
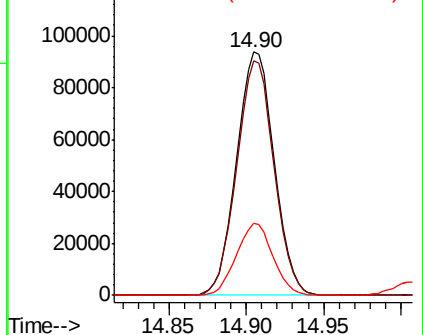
#93
 1,2,4-Trichlorobenzene
 Concen: 43.623 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 158286
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.2 141.6
 145 28.6 14.2 42.8

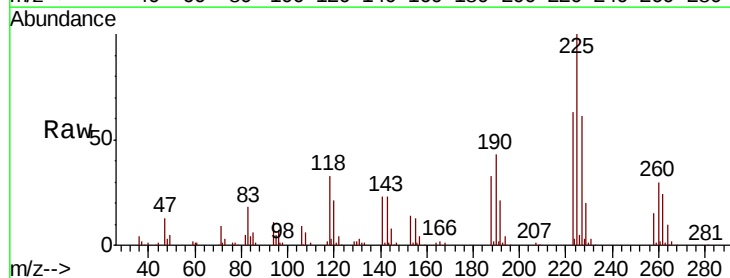


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

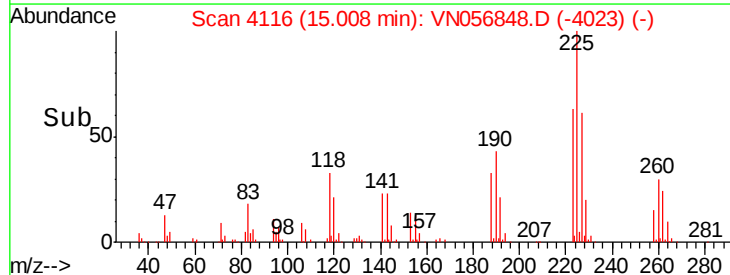
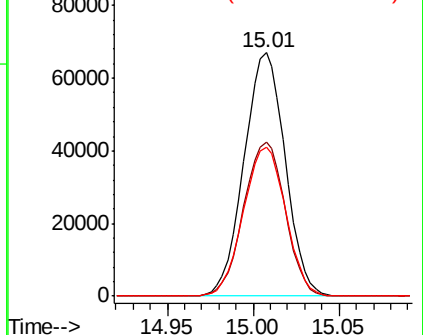


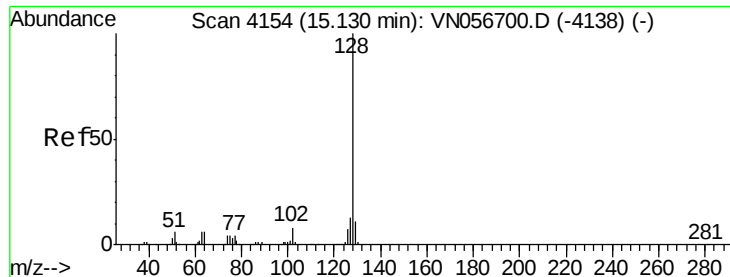
#94
 Hexachlorobutadiene
 Concen: 53.481 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion:225 Resp: 111472
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.5 94.5
 227 62.8 32.0 96.2



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





#95

Naphthalene

Concen: 40.947 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

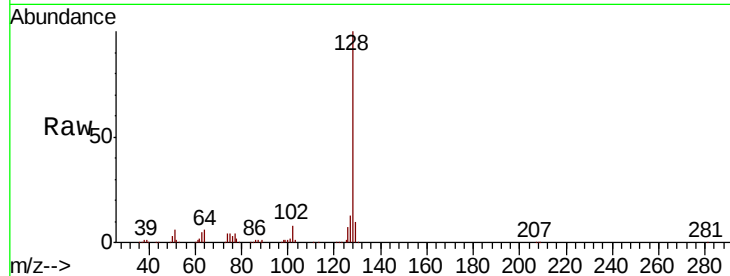
Tot Ion:128 Resp: 403352

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

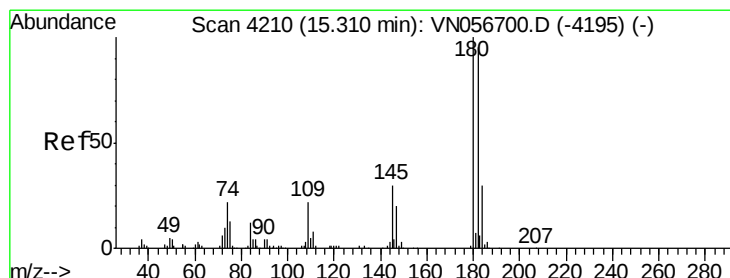
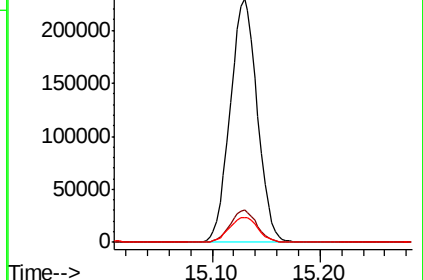
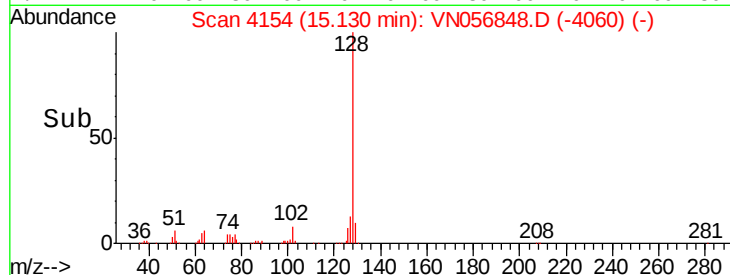
129 10.8 8.7 13.1



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: 44.721 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

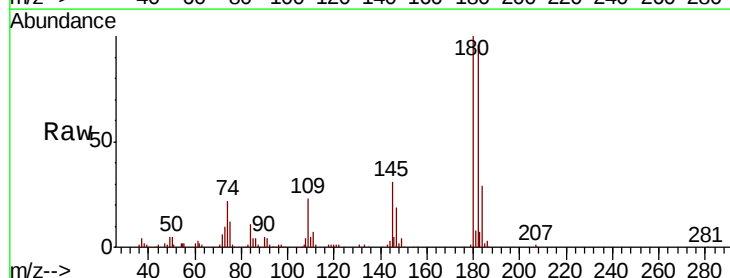
Tgt Ion:180 Resp: 161639

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 30.5 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

