

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055948.D
 Acq On : 1 Jun 2019 4:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 05:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	294161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	457808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	409519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180434	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	167196	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.59	113	147768	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.09	98	558439	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	192957	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	85288	43.080	ug/l	99
3) Chloromethane	2.06	50	127829	46.085	ug/l	99
4) Vinyl Chloride	2.18	62	137196	46.373	ug/l	100
5) Bromomethane	2.52	94	91790	49.592	ug/l	99
6) Chloroethane	2.68	64	90828	50.992	ug/l	100
7) Trichlorofluoromethane	3.00	101	187732	48.400	ug/l	99
8) Diethyl Ether	3.40	74	87077	50.089	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115492	47.700	ug/l	100
10) Methyl Iodide	3.94	142	182732	51.621	ug/l	100
11) Tert butyl alcohol	4.82	59	138215	238.124	ug/l	98
12) 1,1-Dichloroethene	3.72	96	121113	48.411	ug/l	99
13) Acrolein	3.60	56	85872	206.614	ug/l	97
14) Allyl chloride	4.31	41	196677	45.859	ug/l	99
15) Acrylonitrile	4.99	53	363022	272.370	ug/l	100
16) Acetone	3.82	43	293162	219.535	ug/l	99
17) Carbon Disulfide	4.04	76	262008	36.862	ug/l	100
18) Methyl Acetate	4.33	43	160623	59.404	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	431963	51.771	ug/l	98
20) Methylene Chloride	4.54	84	147042	50.845	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	132050	49.131	ug/l	97
22) Diisopropyl ether	5.95	45	447127	53.603	ug/l	99
23) Vinyl Acetate	5.90	43	1792481	250.632	ug/l	100
24) 1,1-Dichloroethane	5.84	63	249775	51.429	ug/l	100
25) 2-Butanone	6.84	43	475114	254.758	ug/l	100
26) 2,2-Dichloropropane	6.82	77	122102	29.050	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	162049	51.679	ug/l	95
28) Bromochloromethane	7.19	49	123510	53.414	ug/l	100
29) Tetrahydrofuran	7.21	42	314472	266.270	ug/l	99
30) Chloroform	7.37	83	255224	52.695	ug/l	100
31) Cyclohexane	7.65	56	210850	46.242	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	210589	48.723	ug/l	100
36) 1,1-Dichloropropene	7.79	75	180584	45.264	ug/l	99
37) Ethyl Acetate	6.93	43	195672	50.745	ug/l	99
38) Carbon Tetrachloride	7.77	117	175715	42.283	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	205619	41.620	ug/l	99
40) Benzene	8.04	78	583950	48.566	ug/l	100
41) Methacrylonitrile	7.17	41	94991	48.762	ug/l	98
42) 1,2-Dichloroethane	8.12	62	189374	48.199	ug/l	99
43) Isopropyl Acetate	8.17	43	312239	48.195	ug/l	99
44) Trichloroethene	8.83	130	161758	48.256	ug/l	99
45) 1,2-Dichloropropane	9.12	63	155670	49.691	ug/l	99
46) Dibromomethane	9.21	93	101856	49.577	ug/l	98
47) Bromodichloromethane	9.40	83	193528	45.938	ug/l	98
48) Methyl methacrylate	9.20	41	151517	50.745	ug/l	98
49) 1,4-Dioxane	9.20	88	62453	1006.515	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	972722	254.219	ug/l	100
52) Toluene	10.16	92	371172	49.083	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	191976	42.691	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	218476	43.856	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152385	50.300	ug/l	99
56) Ethyl methacrylate	10.43	69	233731	49.921	ug/l	99
57) 1,3-Dichloropropane	10.71	76	249162	50.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	437106	244.293	ug/l	100
59) 2-Hexanone	10.75	43	660333	243.269	ug/l	99
60) Dibromochloromethane	10.90	129	161790	45.843	ug/l	99
61) 1,2-Dibromoethane	11.00	107	157431	50.100	ug/l	98
64) Tetrachloroethene	10.63	164	171042	49.521	ug/l	99
65) Chlorobenzene	11.43	112	397375	48.472	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	148197	45.324	ug/l	99
67) Ethyl Benzene	11.51	91	701947	47.746	ug/l	99
68) m/p-Xylenes	11.62	106	535235	96.302	ug/l	99
69) o-Xylene	11.95	106	265695	48.184	ug/l	100
70) Styrene	11.96	104	438513	49.107	ug/l	100
71) Bromoform	12.13	173	111416	39.949	ug/l #	99
73) Isopropylbenzene	12.25	105	697530	54.591	ug/l	100
74) N-amyl acetate	12.07	43	252096	51.672	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	208491	55.190	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	242523	79.946	ug/l #	100
77) Bromobenzene	12.53	156	191384	49.706	ug/l	94
78) n-propylbenzene	12.59	91	736210	46.946	ug/l	100
79) 2-Chlorotoluene	12.67	91	450463	53.506	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	572550	53.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47585	35.484	ug/l	91
82) 4-Chlorotoluene	12.77	91	434479	47.132	ug/l	100
83) tert-Butylbenzene	12.99	119	501427	53.932	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	567115	52.706	ug/l	99
85) sec-Butylbenzene	13.17	105	646375	53.375	ug/l	100
86) p-Isopropyltoluene	13.29	119	581855	46.435	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	293374	48.120	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	279392	48.201	ug/l	100
89) n-Butylbenzene	13.61	91	445751	46.428	ug/l	100
90) Hexachloroethane	13.87	117	93865	39.356	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	290317	47.729	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34372	42.993	ug/l	99

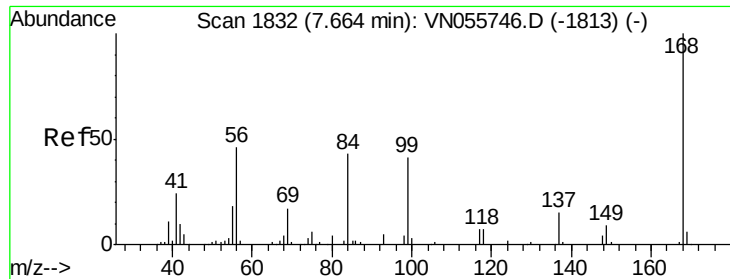
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
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QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146839	42.544	ug/l	99
94) Hexachlorobutadiene	15.01	225	98122	45.680	ug/l	99
95) Naphthalene	15.13	128	438568	52.544	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	163071	50.717	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: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

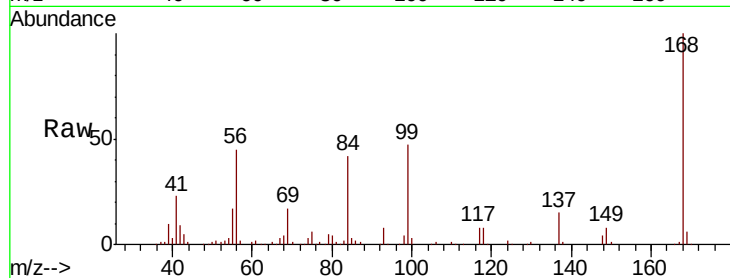
VSTDCCC050EC

Tot Ion:168 Resp: 294161

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

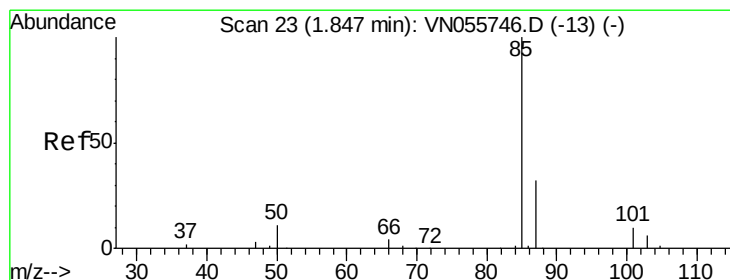
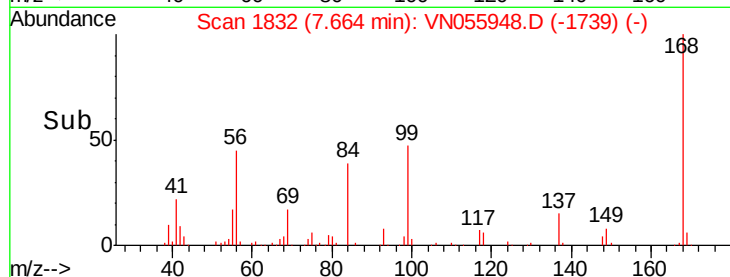
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.080 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055948.D

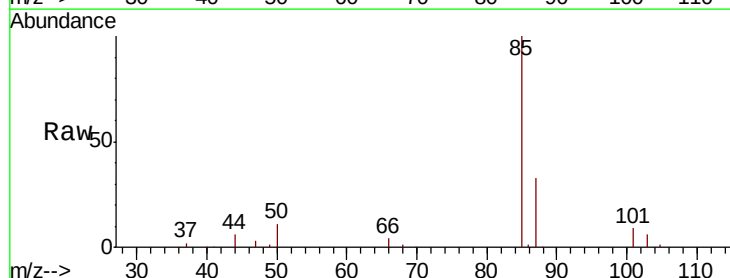
Acq: 1 Jun 2019 4:56

Tgt Ion: 85 Resp: 85288

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

60000

50000

40000

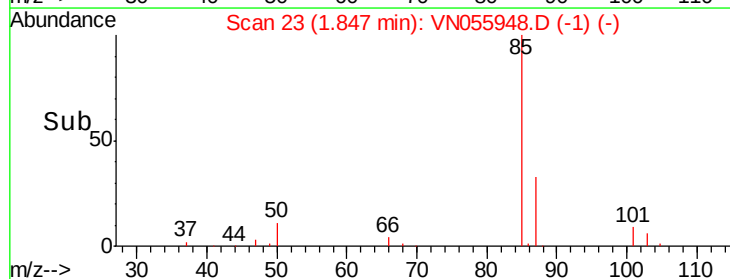
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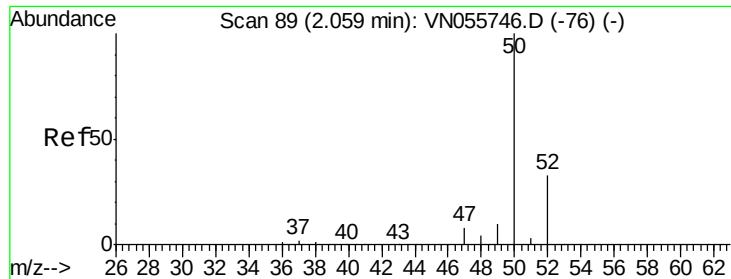
20000

10000

0

Time-->





#3

Chloromethane

Concen: 46.085 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

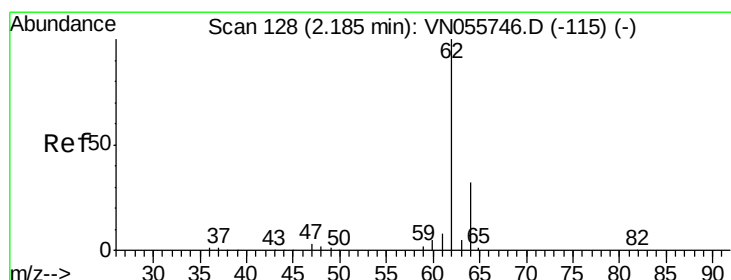
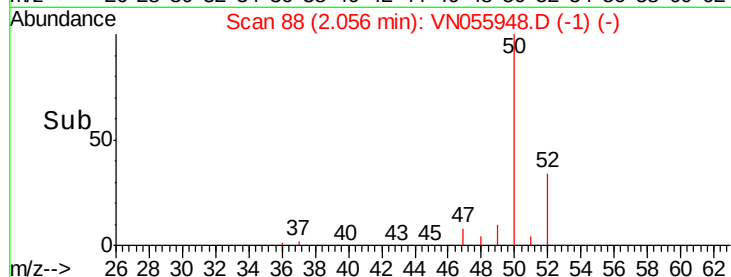
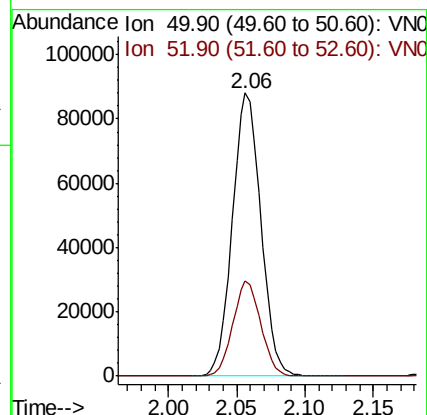
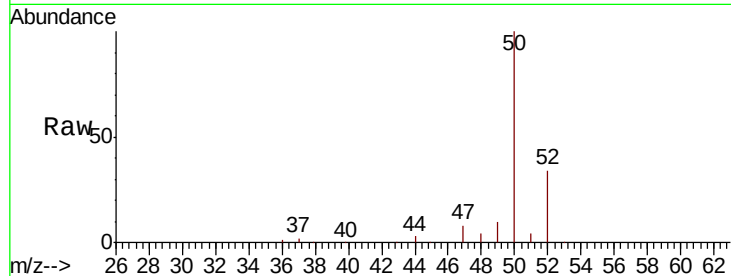
VSTDCCC050EC

Tot Ion: 50 Resp: 127829

Ion Ratio Lower Upper

50 100

52 33.7 26.6 40.0



#4

Vinyl Chloride

Concen: 46.373 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055948.D

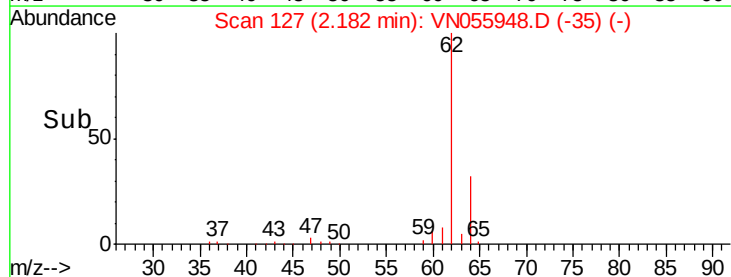
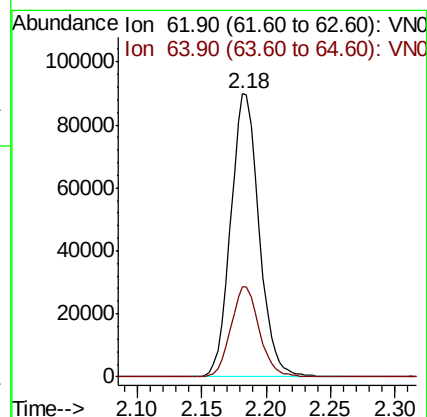
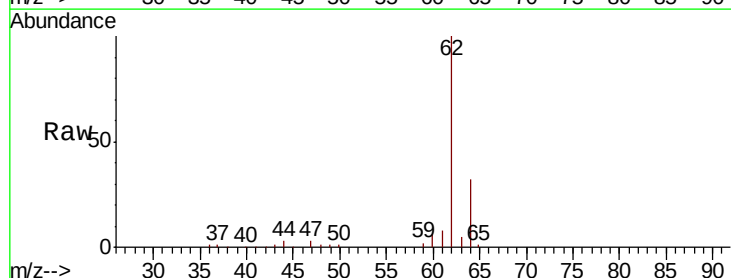
Acq: 1 Jun 2019 4:56

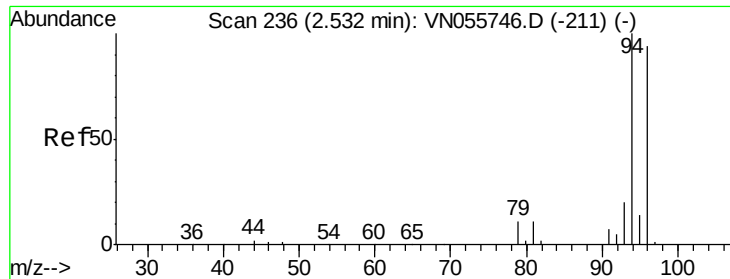
Tgt Ion: 62 Resp: 137196

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 49.592 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

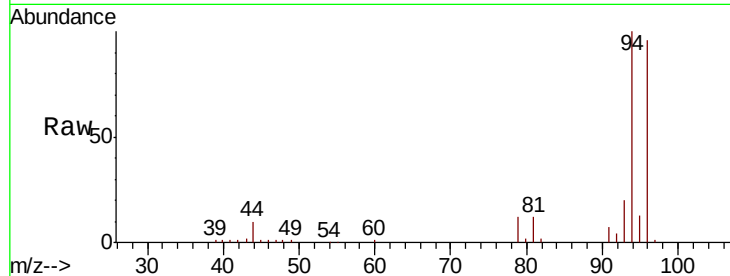
VSTDCCC050EC

Tot Ion: 94 Resp: 91790

Ion Ratio Lower Upper

94 100

96 95.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

50000

40000

30000

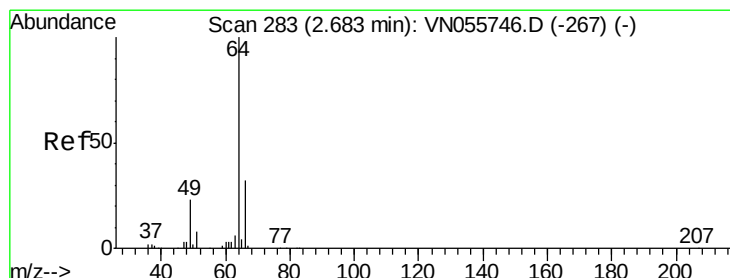
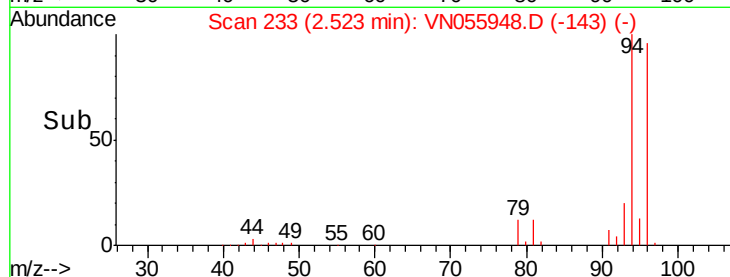
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 50.992 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN055948.D

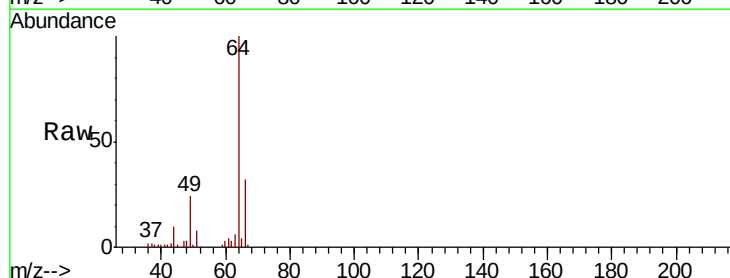
Acq: 1 Jun 2019 4:56

Tgt Ion: 64 Resp: 90828

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

50000

40000

30000

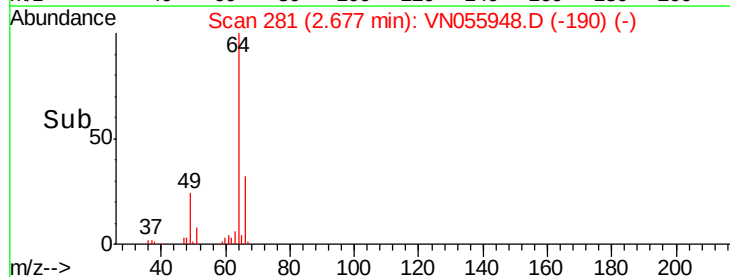
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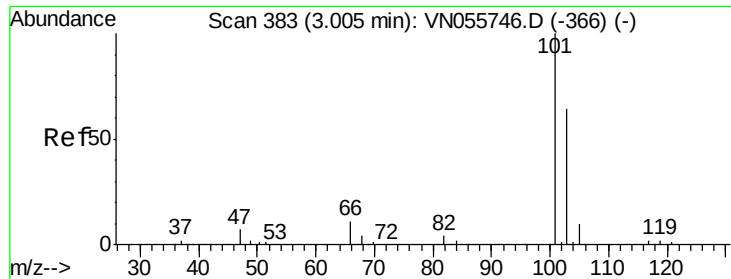
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Time-->

2.60 2.70 2.80



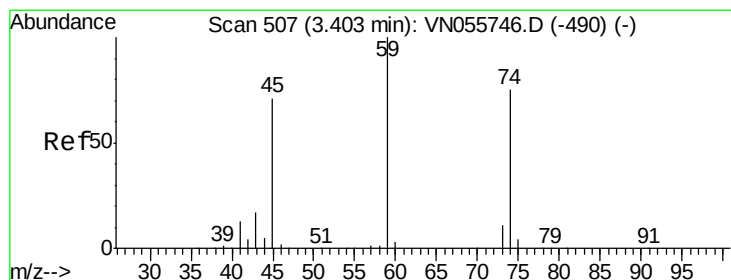
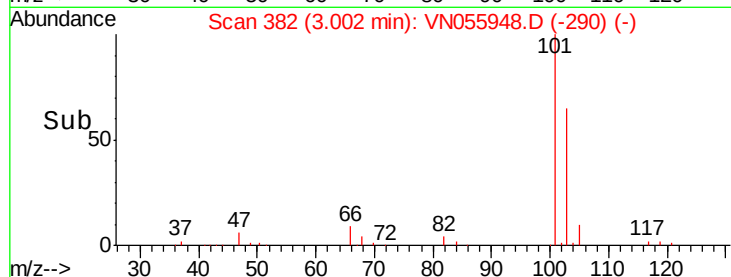
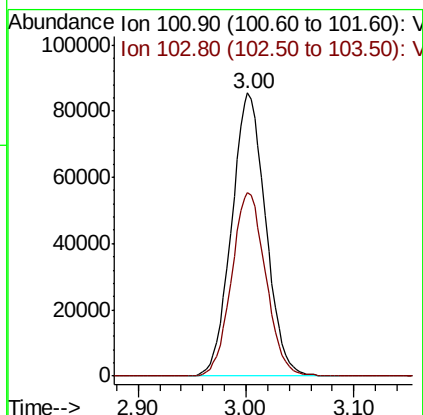
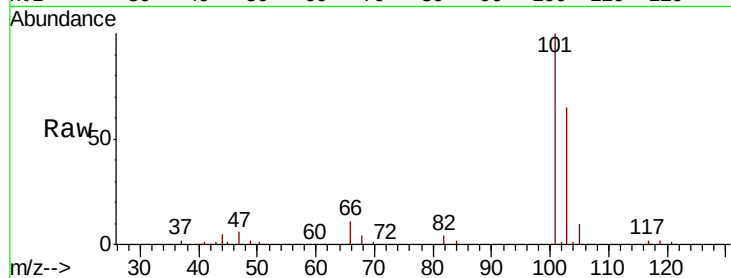


#7

Trichlorofluoromethane
 Concen: 48.400 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

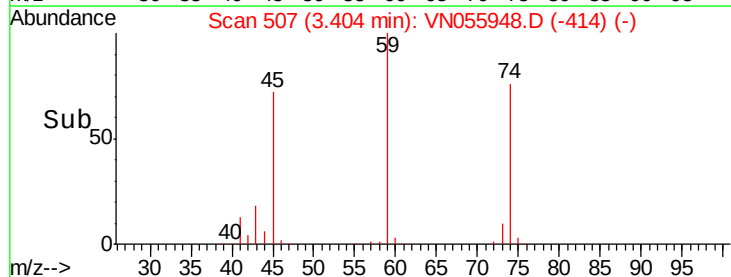
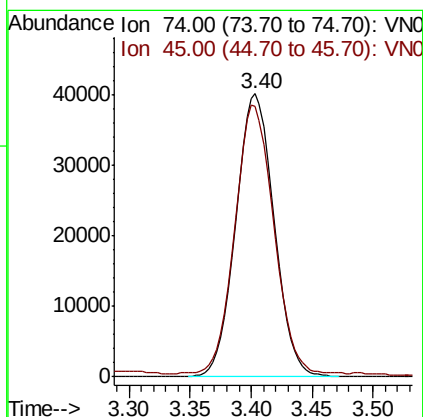
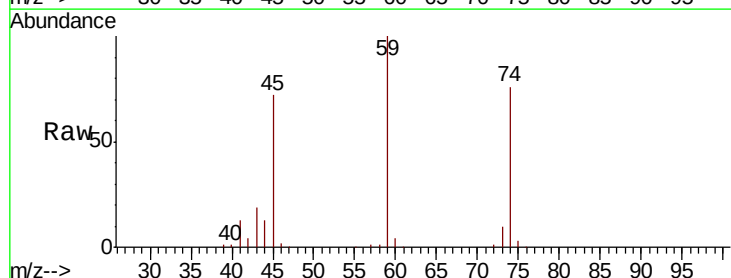
Tot Ion:101 Resp: 187732
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.2 76.8

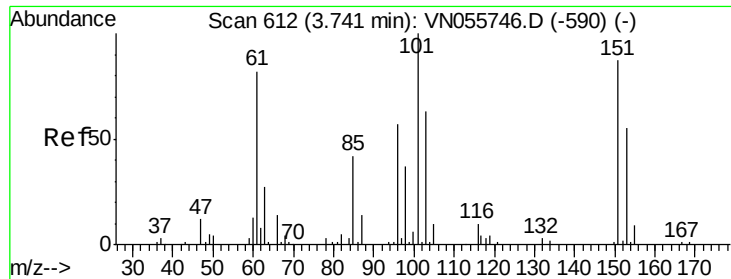


#8

Diethyl Ether
 Concen: 50.089 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 74 Resp: 87077
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.700 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

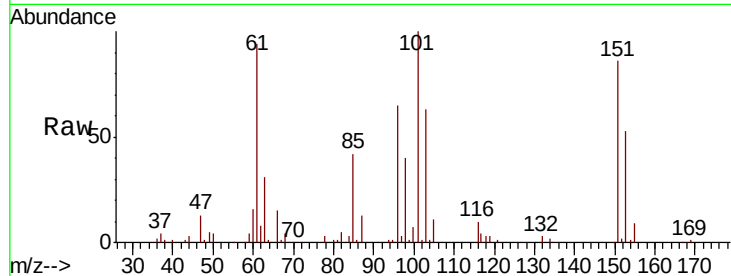
Tot Ion:101 Resp: 115492

Ion Ratio Lower Upper

101 100

85 41.6 33.4 50.2

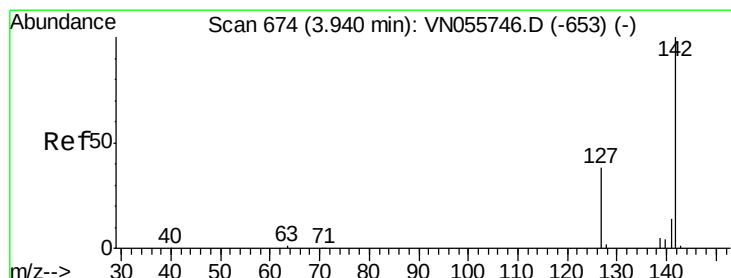
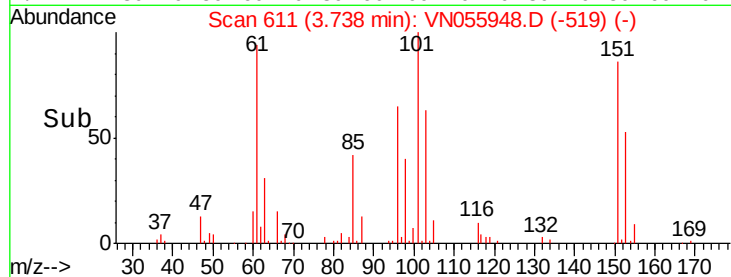
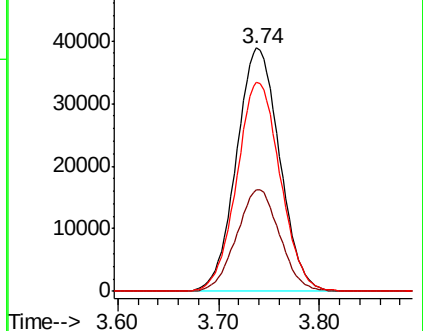
151 86.4 69.4 104.2



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: 51.621 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

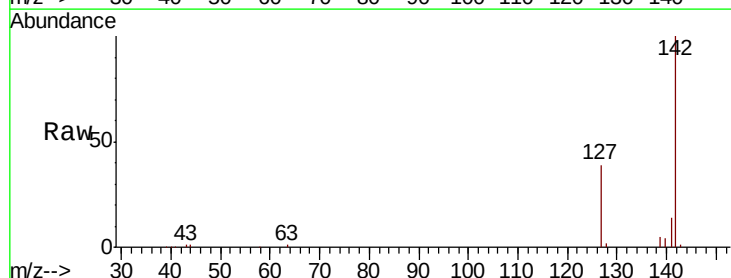
Tgt Ion:142 Resp: 182732

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

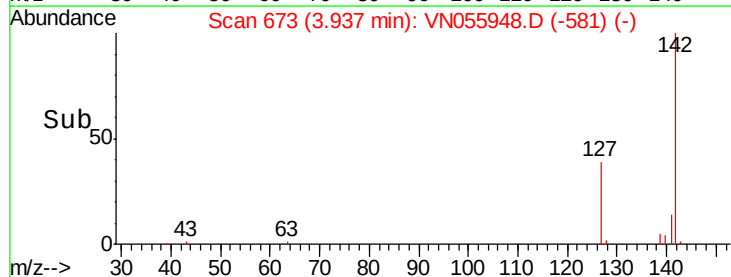
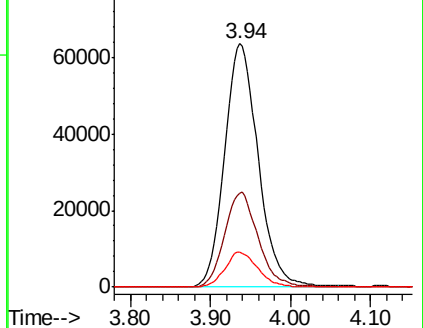
141 14.1 11.4 17.0

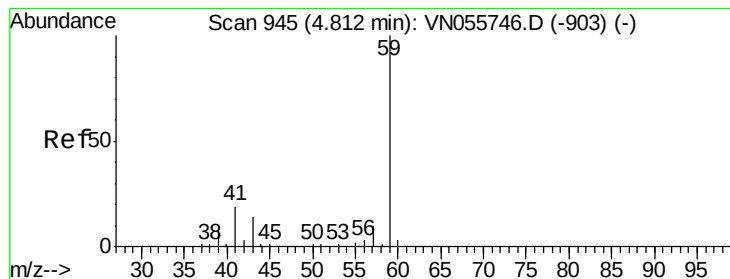


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



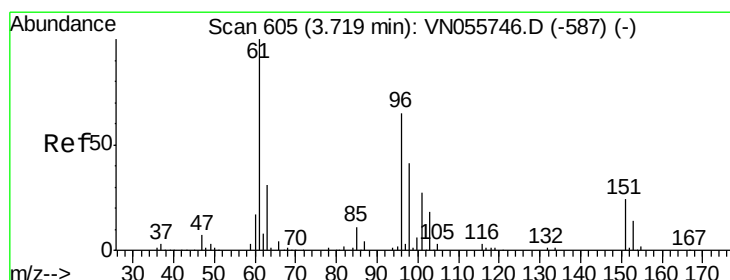
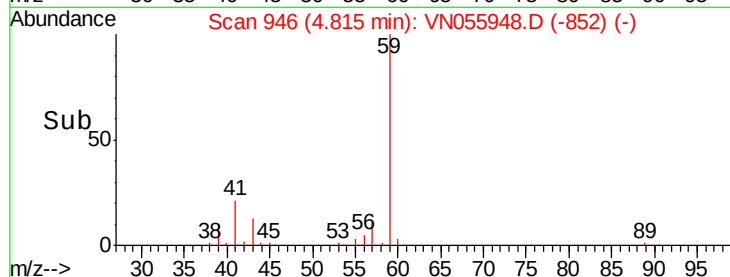
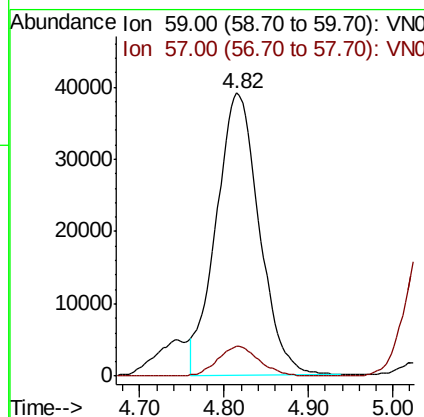
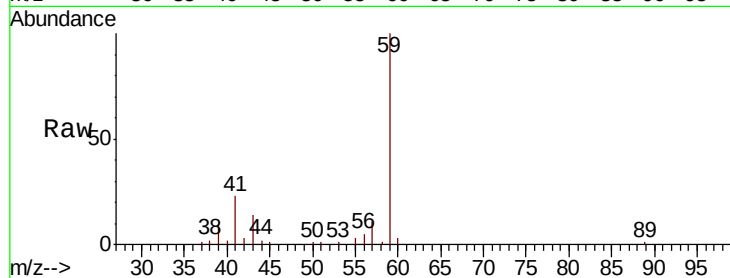


#11

Tert butyl alcohol
 Concen: 238.124 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

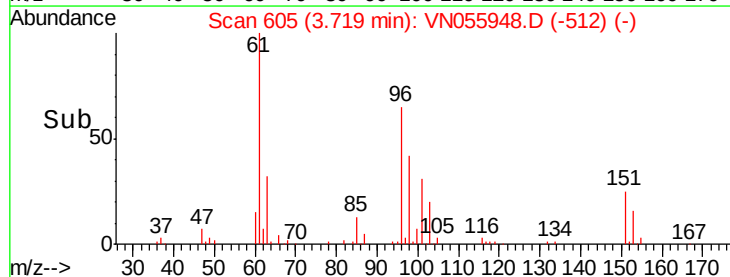
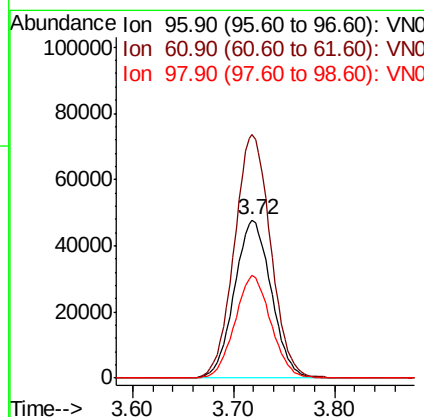
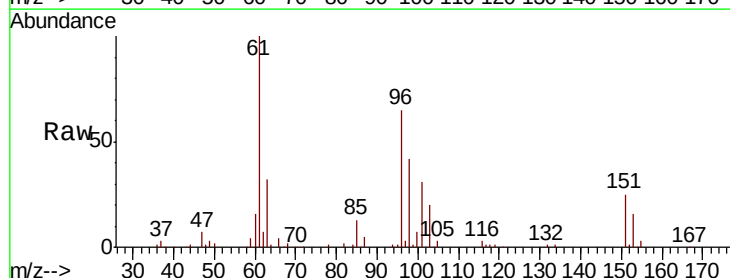
Tot Ion: 59 Resp: 138215
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

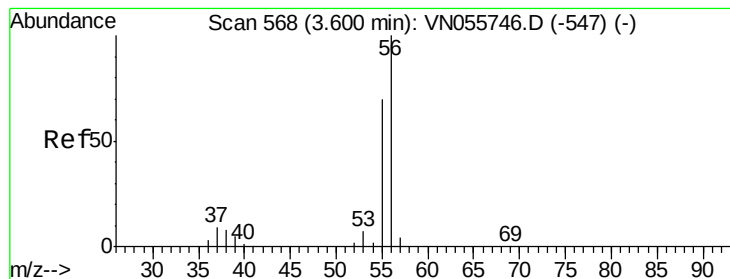


#12

1,1-Dichloroethene
 Concen: 48.411 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 96 Resp: 121113
 Ion Ratio Lower Upper
 96 100
 61 154.2 123.2 184.8
 98 64.9 50.4 75.6





#13

Acrolein

Concen: 206.614 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

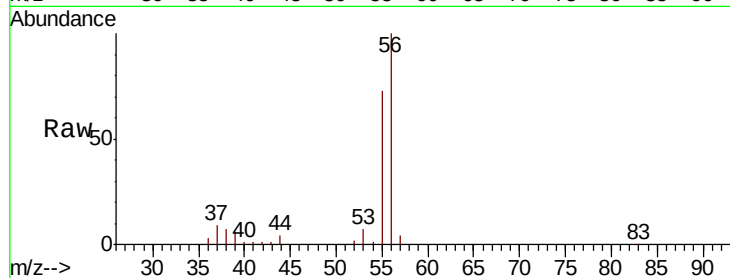
VSTDCCC050EC

Tot Ion: 56 Resp: 85872

Ion Ratio Lower Upper

56 100

55 71.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

40000

30000

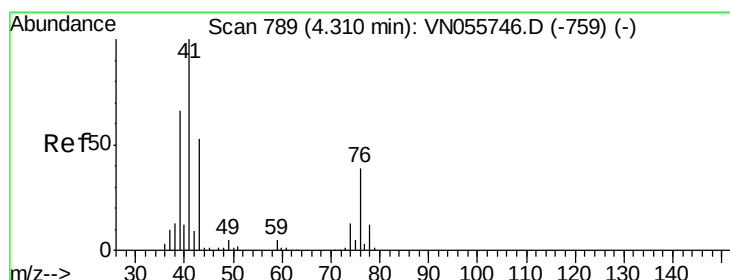
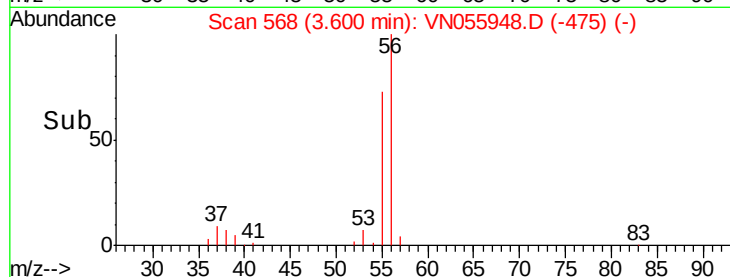
20000

10000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 45.859 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

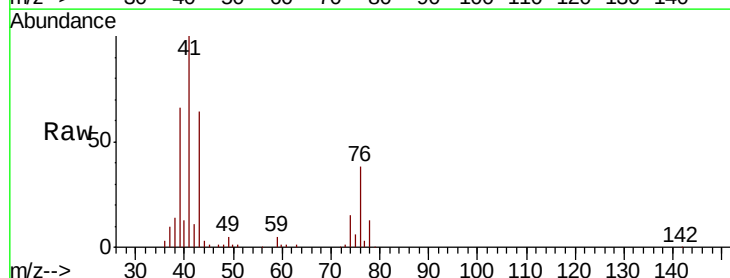
Tgt Ion: 41 Resp: 196677

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 33.8 28.2 42.2



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

4.31

80000

60000

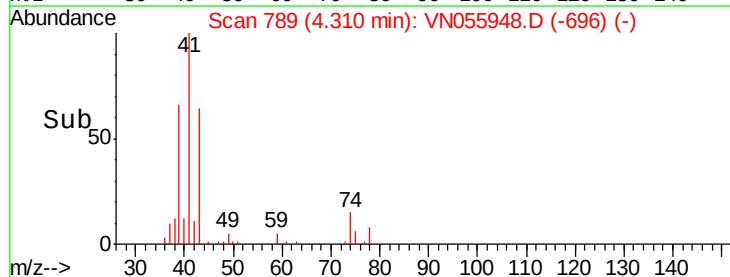
40000

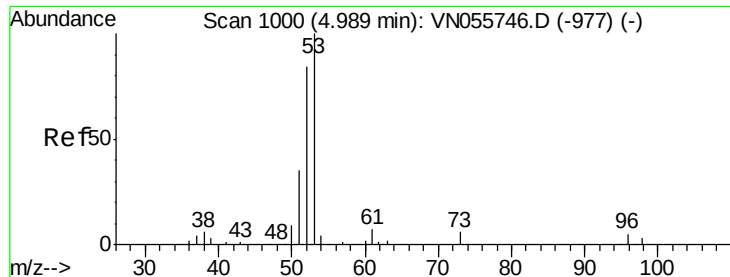
20000

0

Time-->

4.20 4.30 4.40



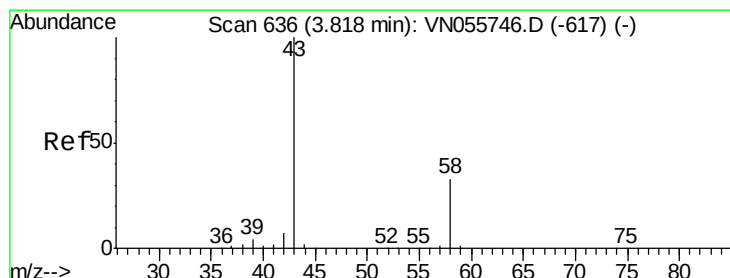
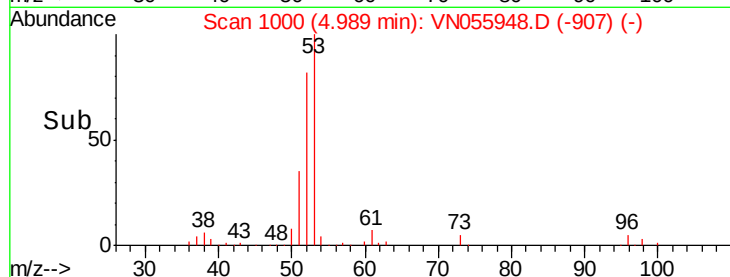
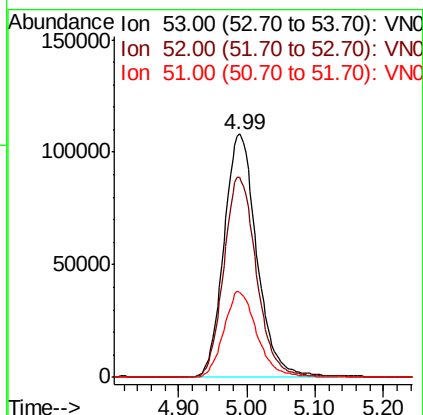
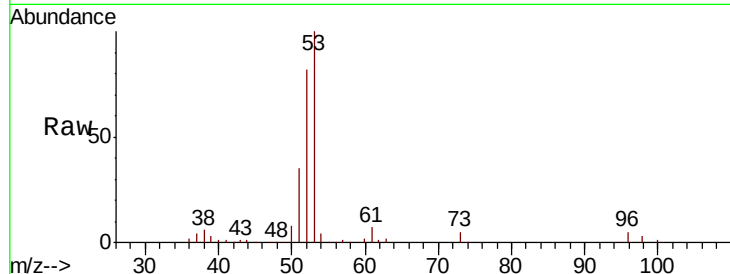


#15
 Acrylonitrile
 Concen: 272.370 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 363022

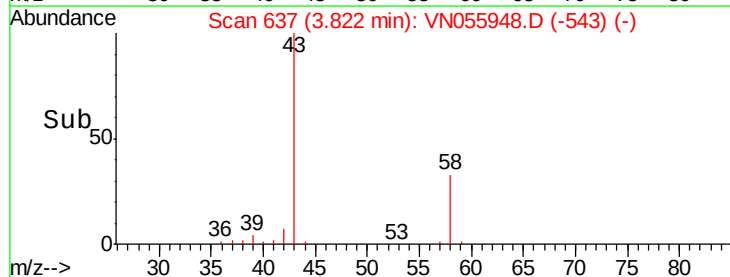
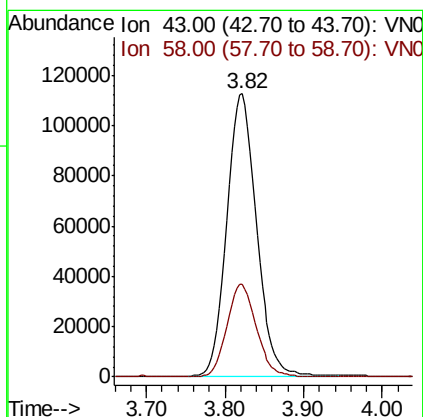
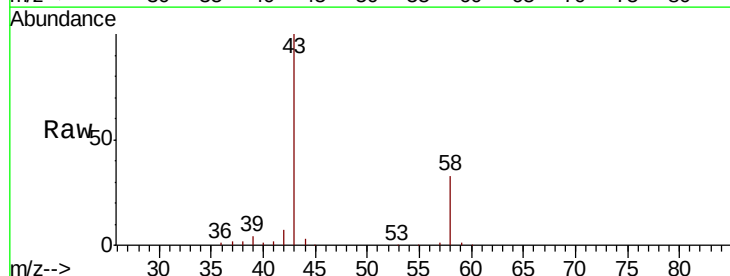
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.8
51	35.6	28.2	42.4

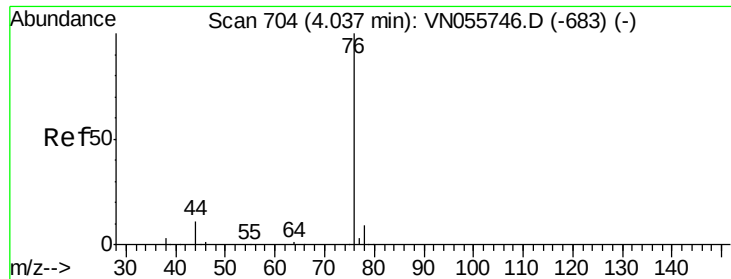


#16
 Acetone
 Concen: 219.535 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 43 Resp: 293162

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.6	39.8

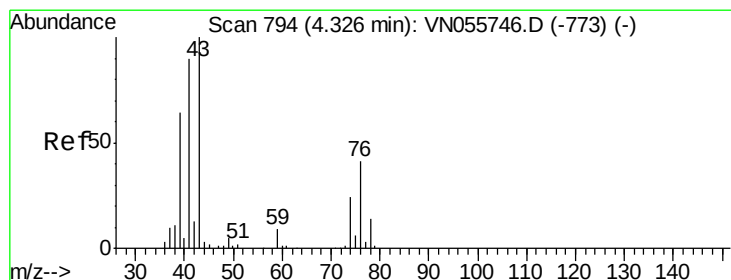
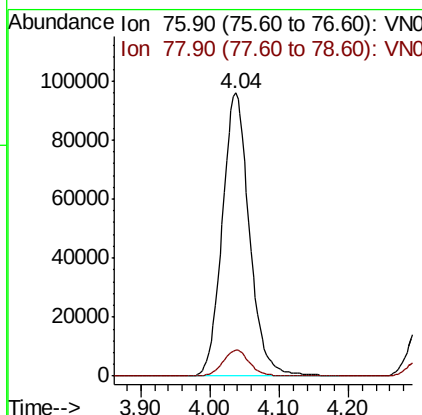
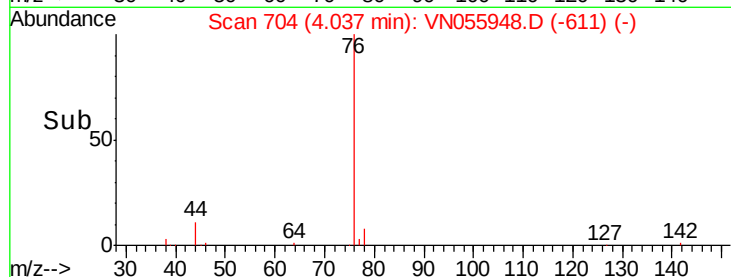
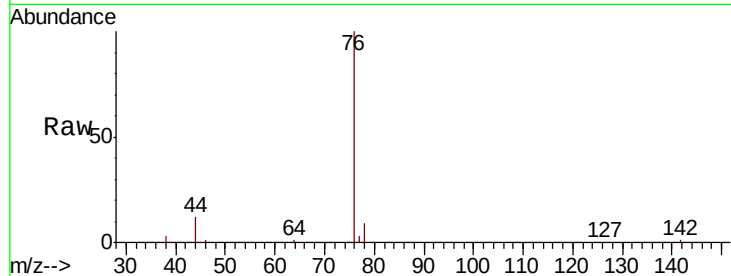




#17
Carbon Disulfide
Concen: 36.862 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

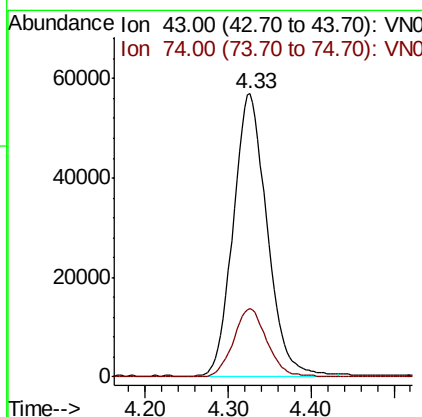
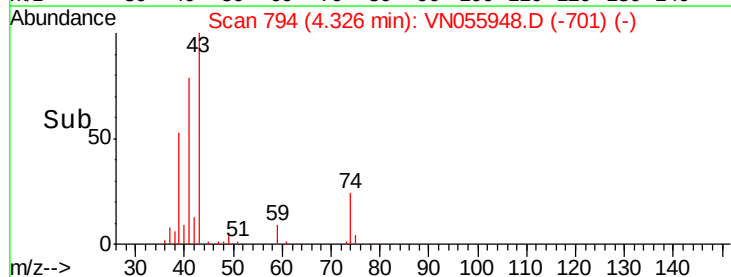
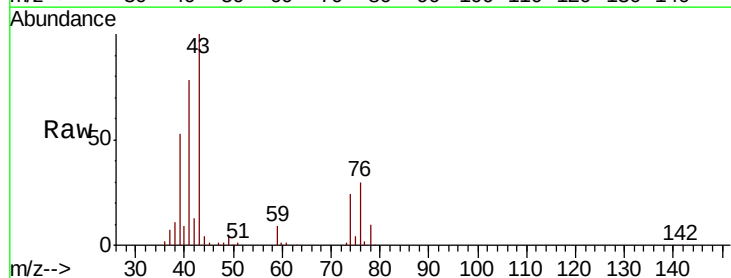
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

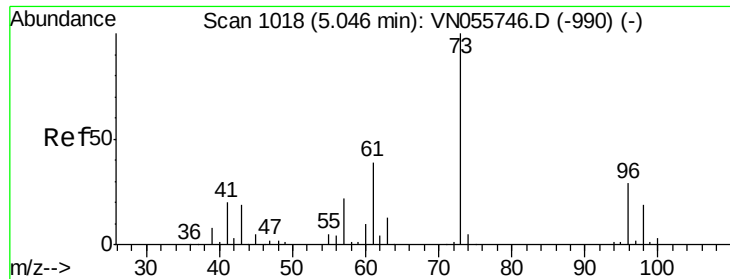
Tot Ion: 76 Resp: 262008
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 59.404 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 43 Resp: 160623
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9

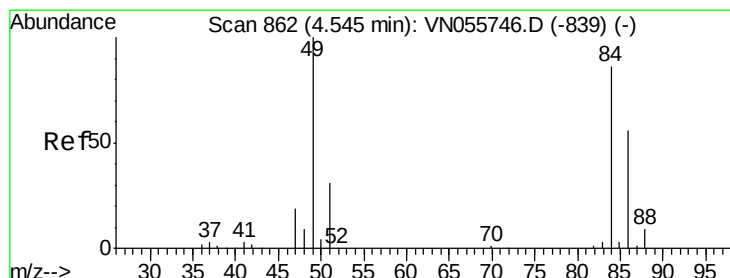
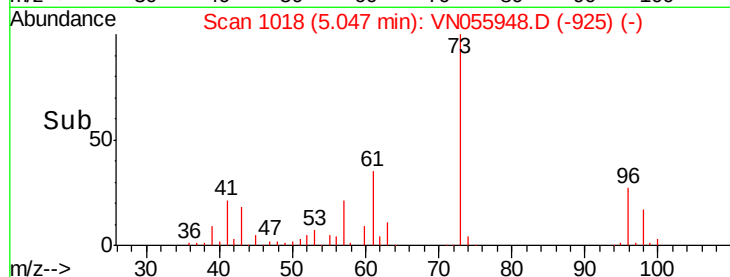
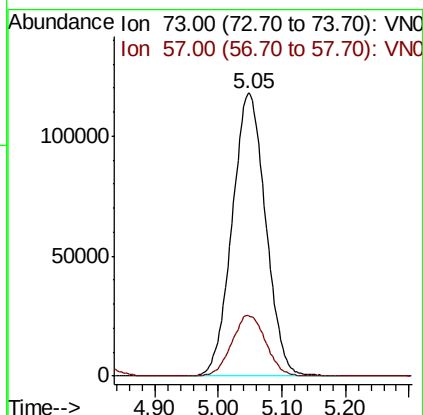
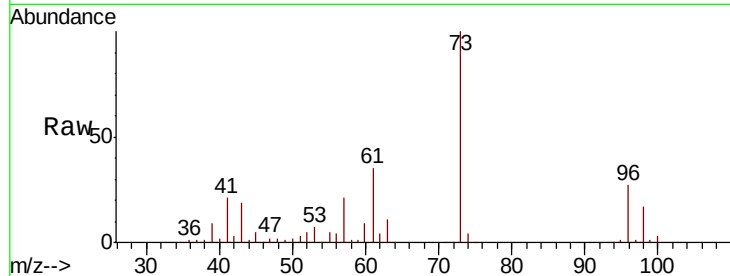




#19
Methyl tert-butyl Ether
Concen: 51.771 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

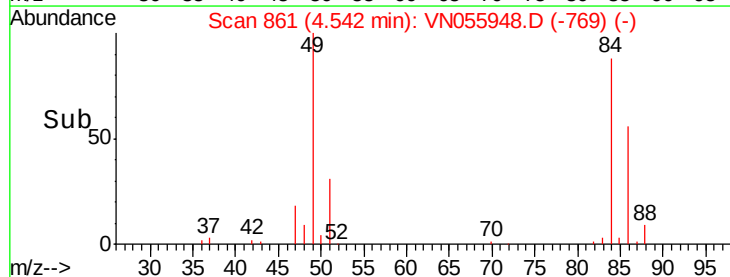
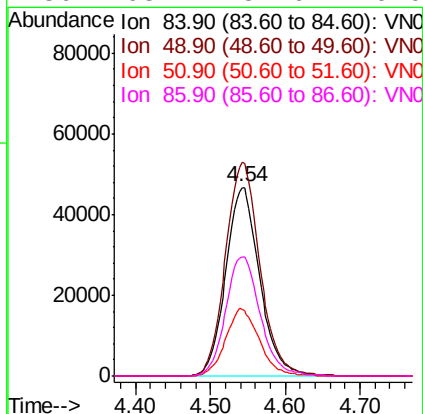
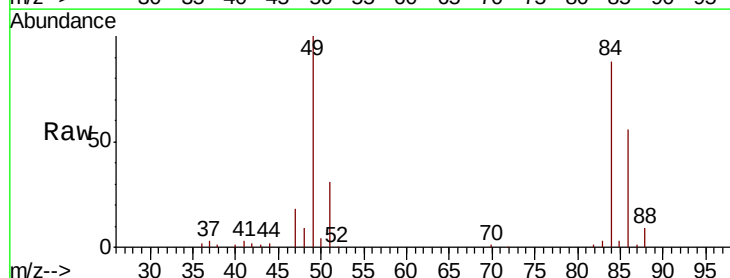
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

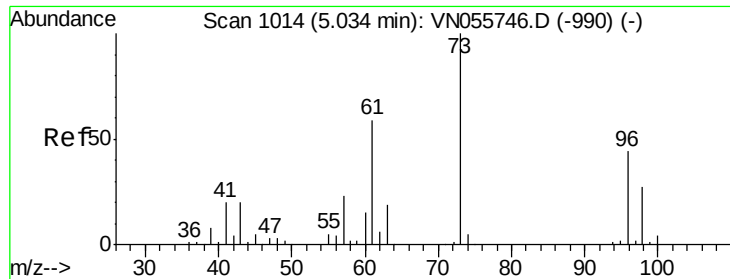
Tot Ion: 73 Resp: 431963
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8



#20
Methylene Chloride
Concen: 50.845 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 84 Resp: 147042
Ion Ratio Lower Upper
84 100
49 113.4 93.5 140.3
51 35.6 28.6 43.0
86 63.4 52.6 79.0

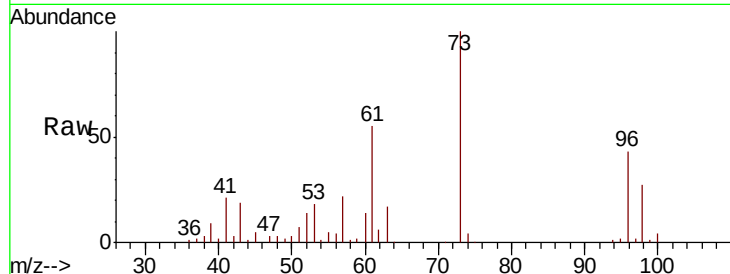




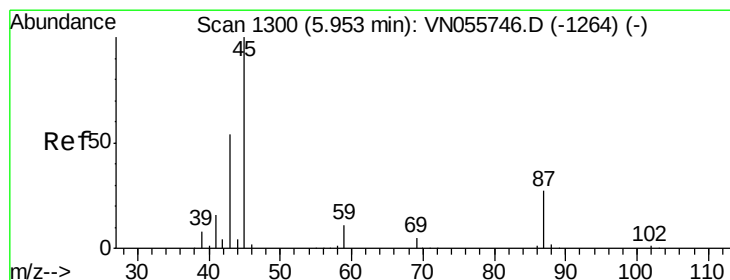
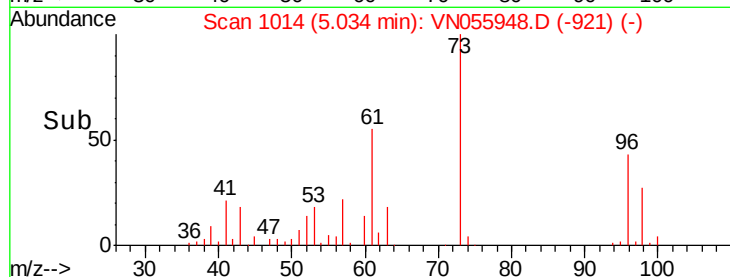
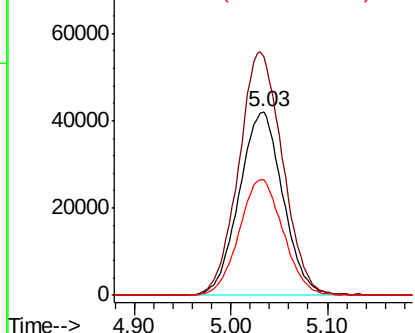
#21
trans-1,2-Dichloroethene
Concen: 49.131 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 132050
Ion Ratio Lower Upper
96 100
61 129.5 107.8 161.8
98 63.0 49.8 74.8

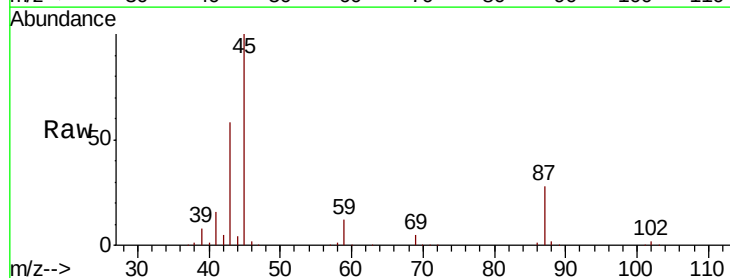


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

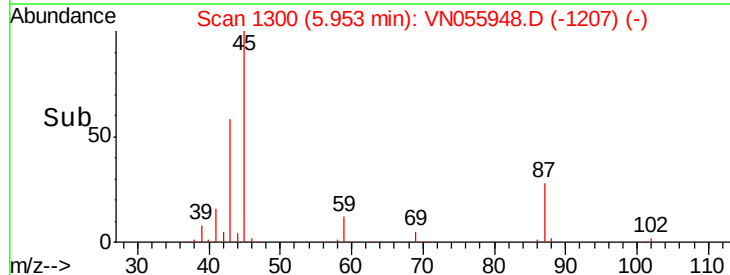
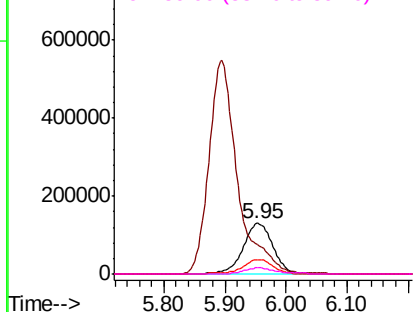


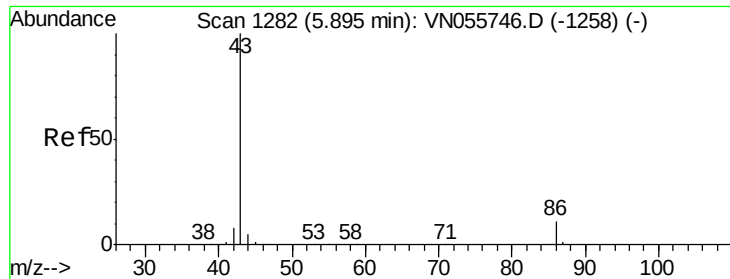
#22
Diisopropyl ether
Concen: 53.603 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 45 Resp: 447127
Ion Ratio Lower Upper
45 100
43 56.5 45.0 67.6
87 28.2 22.2 33.4
59 11.8 9.1 13.7



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





#23

Vinyl Acetate

Concen: 250.632 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

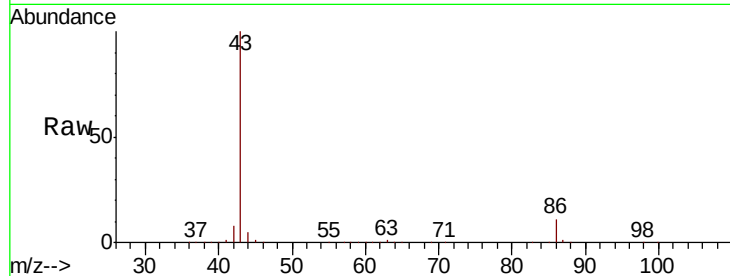
VSTDCCC050EC

Tot Ion: 43 Resp: 1792481

Ion Ratio Lower Upper

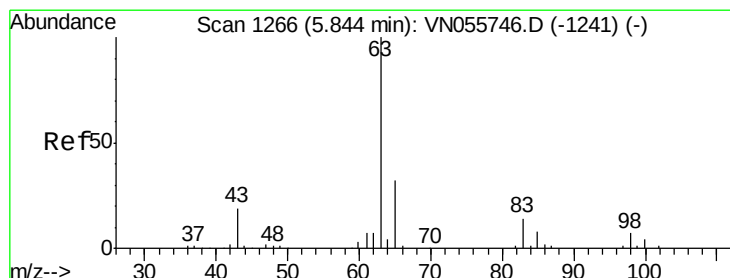
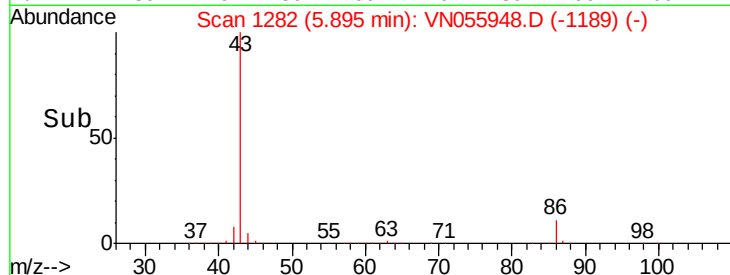
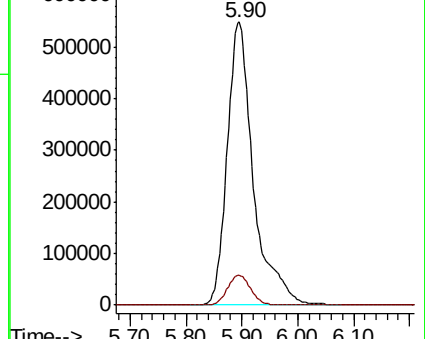
43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055948.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055948.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 51.429 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

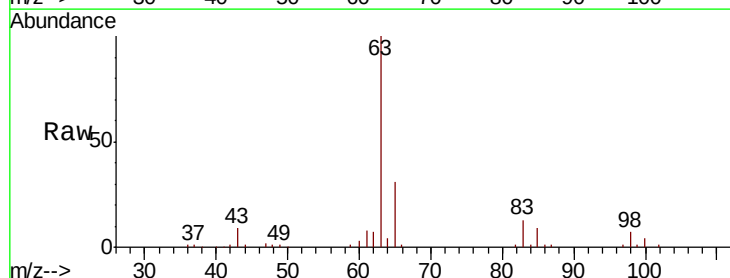
Tgt Ion: 63 Resp: 249775

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

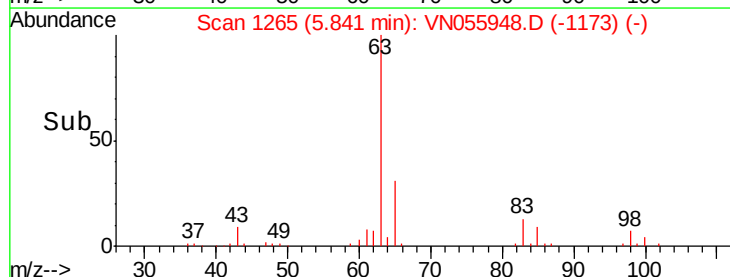
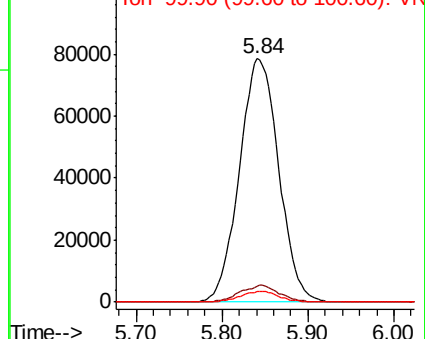
100 4.3 2.2 6.6

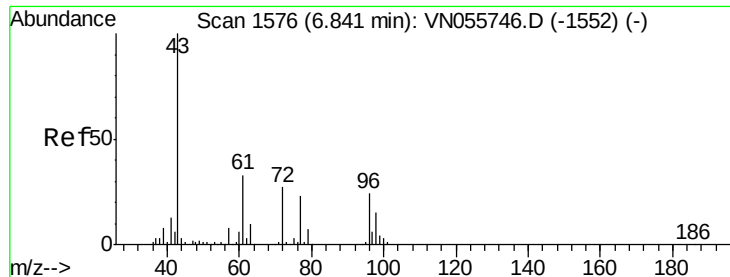


Abundance Ion 62.90 (62.60 to 63.60): VN055948.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055948.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055948.D (-1173) (-)

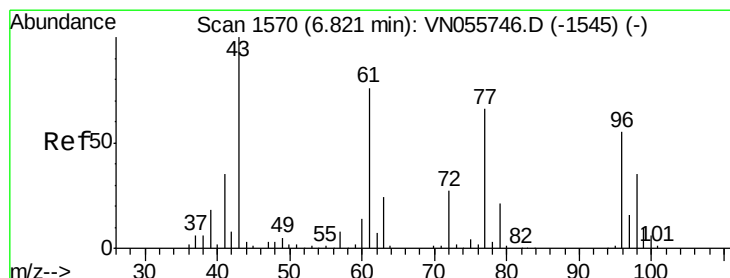
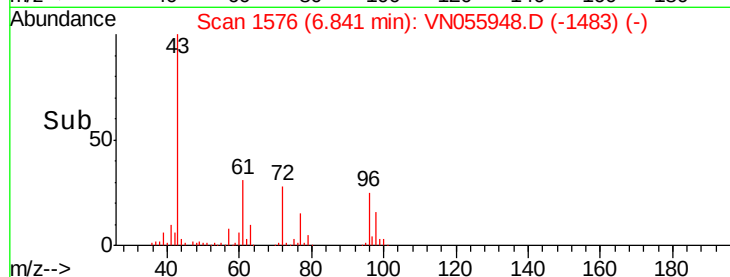
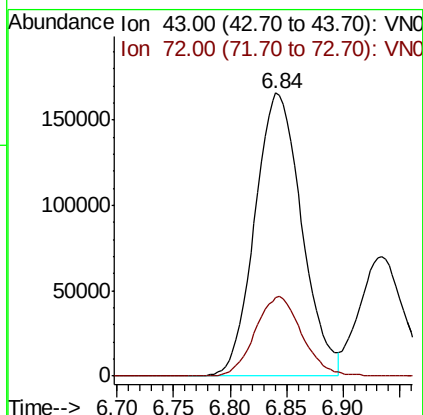
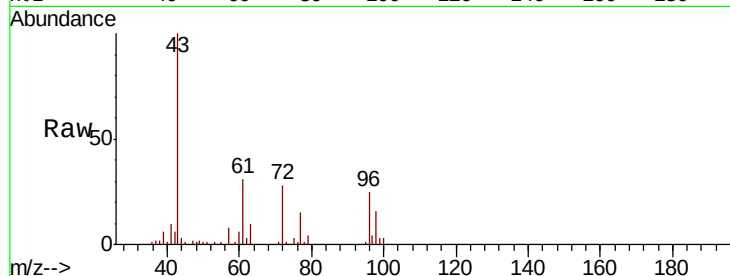




#25
2-Butanone
Concen: 254.758 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

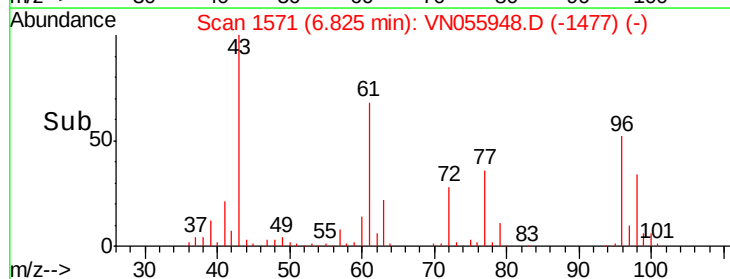
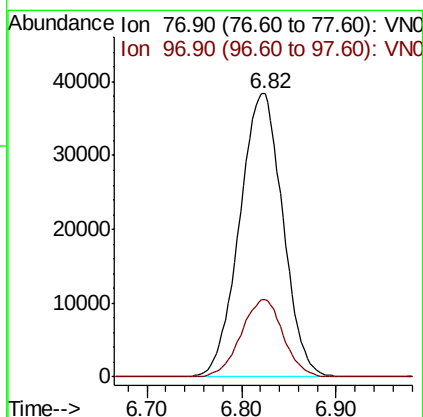
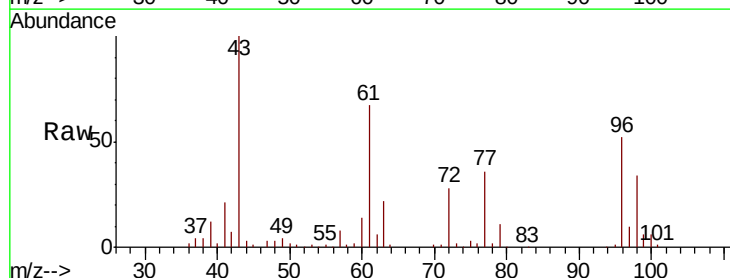
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

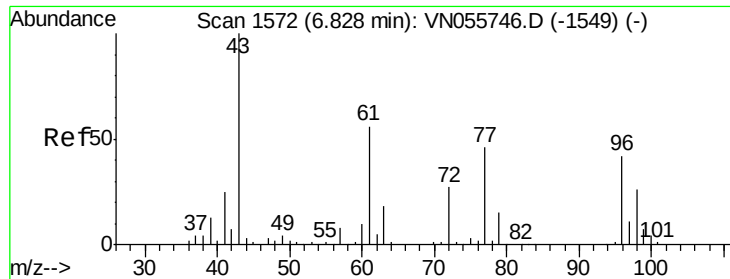
Tot Ion: 43 Resp: 475114
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 29.050 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 77 Resp: 122102
Ion Ratio Lower Upper
77 100
97 26.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.679 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

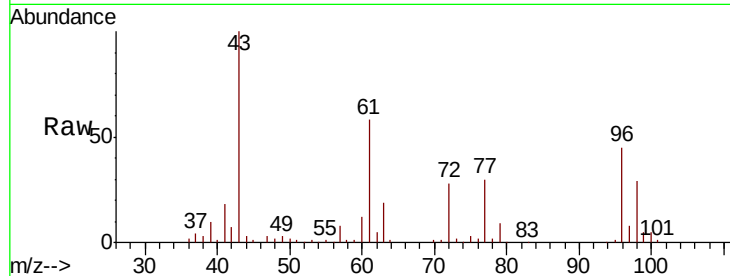
Tot Ion: 96 Resp: 162049

Ion Ratio Lower Upper

96 100

61 129.5 0.0 275.8

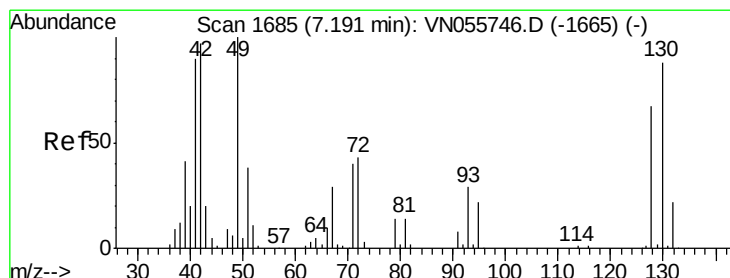
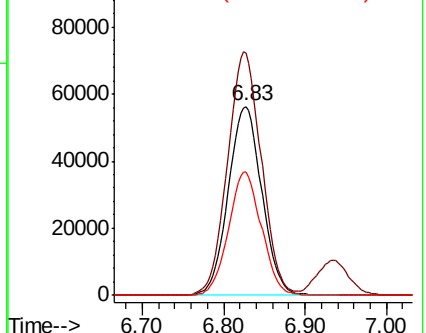
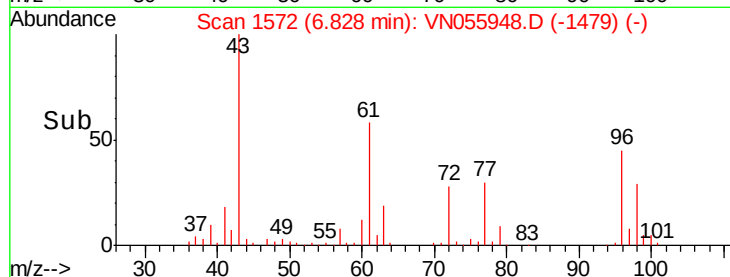
98 64.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055948.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN055948.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN055948.D (-1479) (-)



#28

Bromochloromethane

Concen: 53.414 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

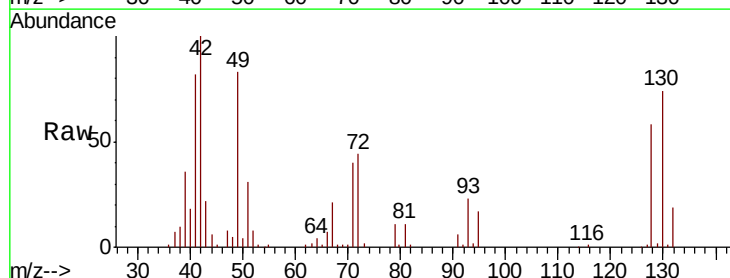
Tgt Ion: 49 Resp: 123510

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

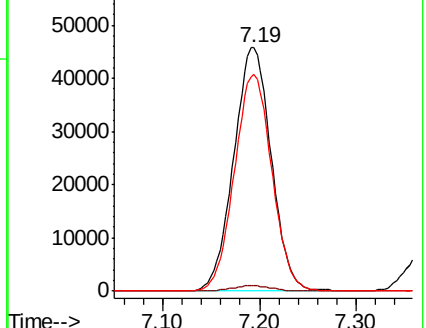
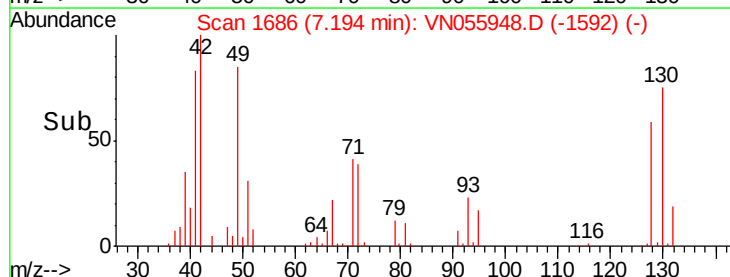
130 88.7 71.2 106.8

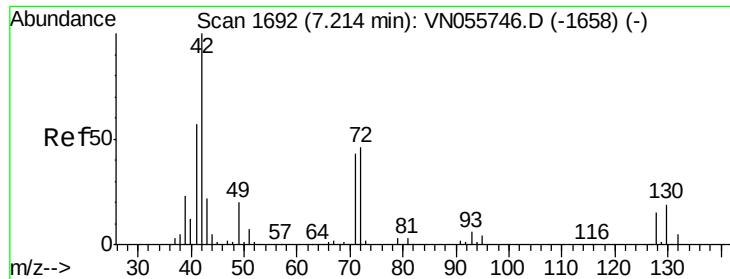


Abundance Ion 48.90 (48.60 to 49.60): VN055948.D (-1592) (-)

Ion 128.80 (128.50 to 129.50): VN055948.D (-1592) (-)

Ion 129.80 (129.50 to 130.50): VN055948.D (-1592) (-)

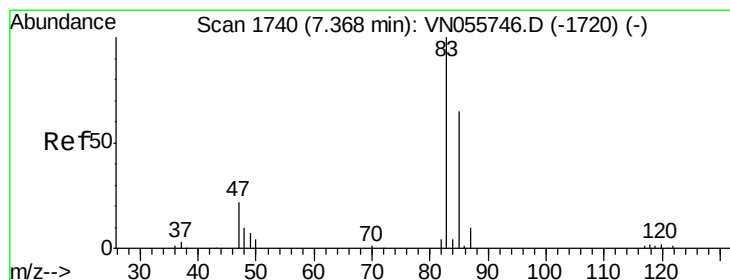
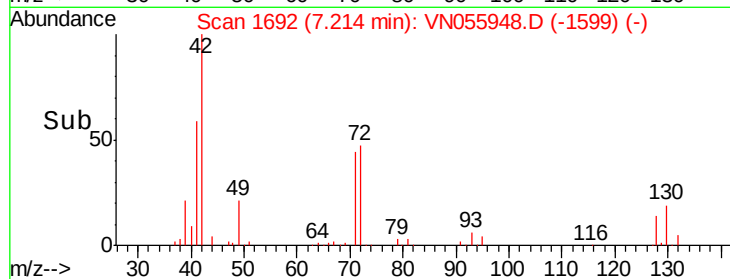
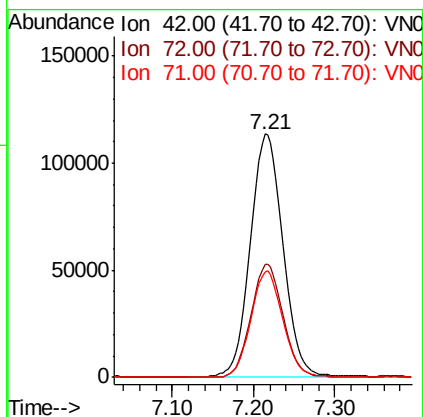
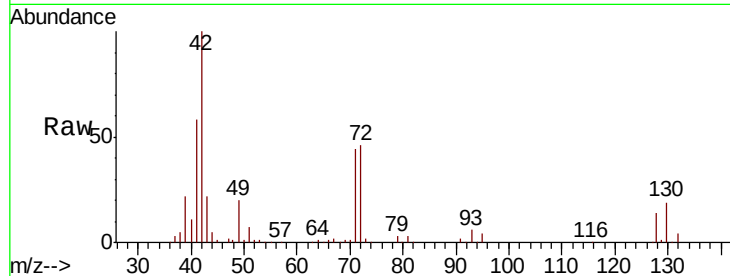




#29
Tetrahydrofuran
Concen: 266.270 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

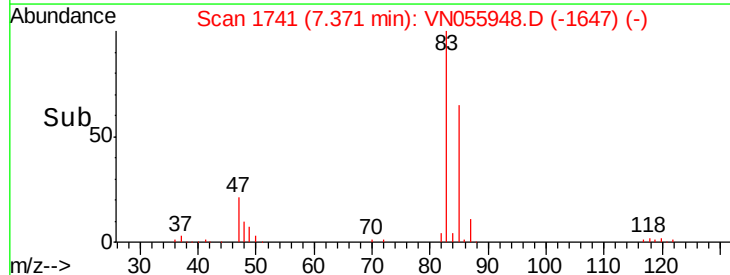
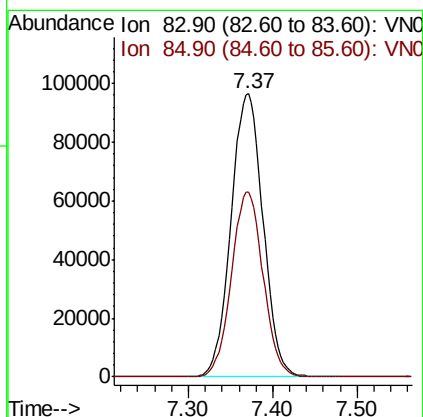
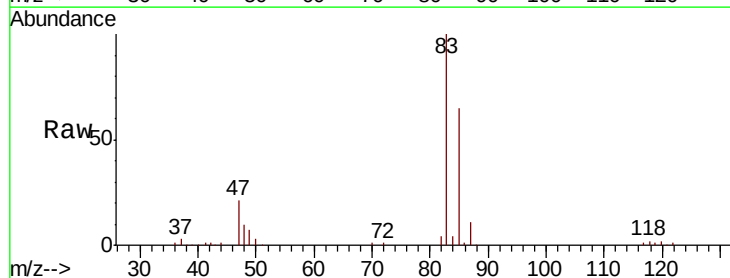
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

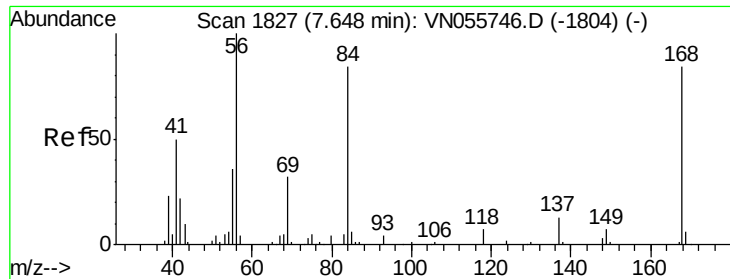
Tot Ion: 42 Resp: 314472
Ion Ratio Lower Upper
42 100
72 45.6 35.9 53.9
71 42.7 34.0 51.0



#30
Chloroform
Concen: 52.695 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 83 Resp: 255224
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8

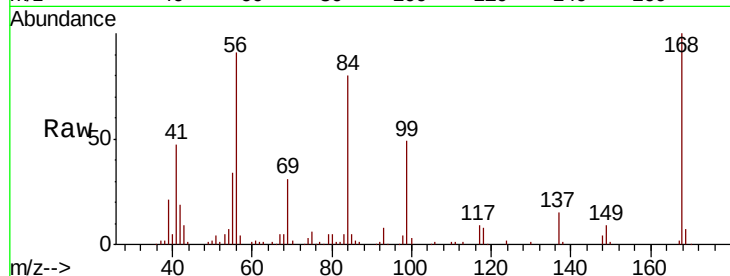




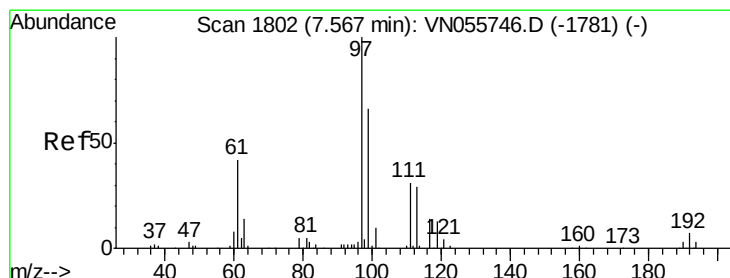
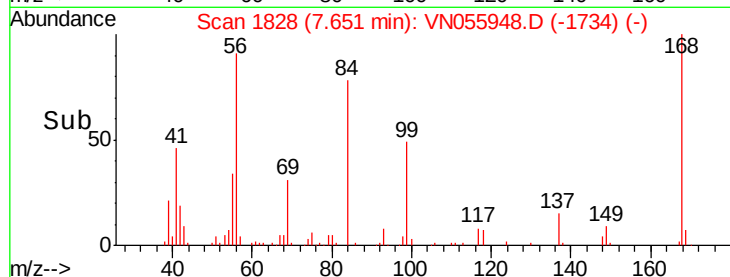
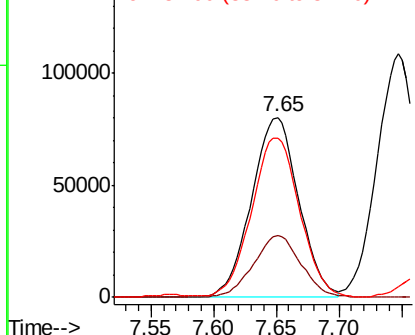
#31
Cyclohexane
Concen: 46.242 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 210850
Ion Ratio Lower Upper
56 100
69 34.3 25.6 38.4
84 87.5 67.4 101.0

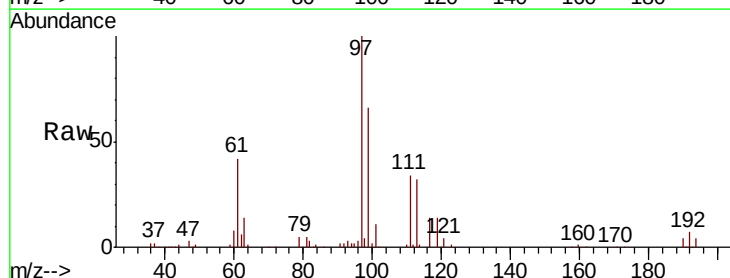


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

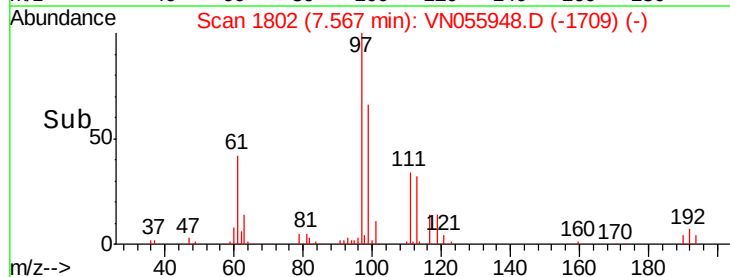
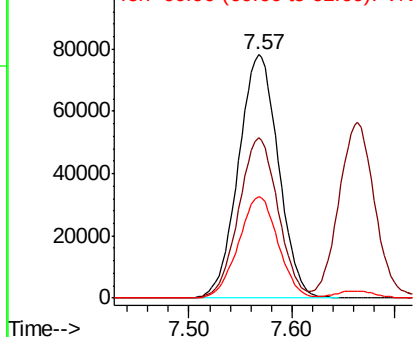


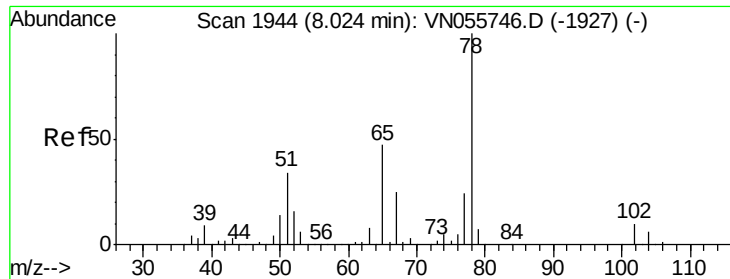
#32
1,1,1-Trichloroethane
Concen: 48.723 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 97 Resp: 210589
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.3 32.9 49.3



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

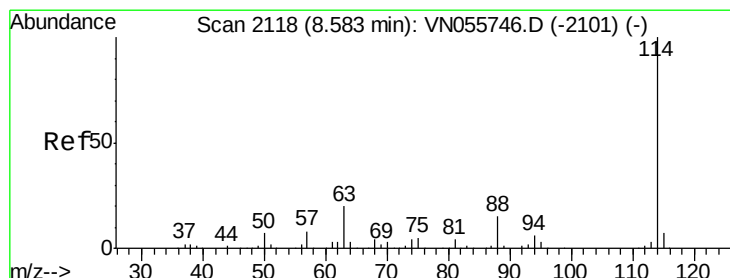
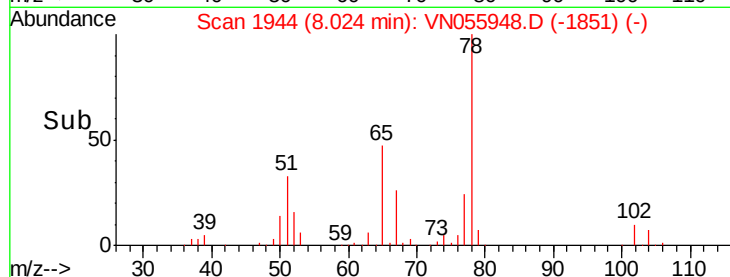
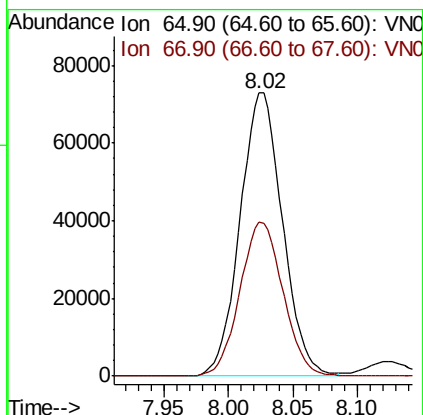
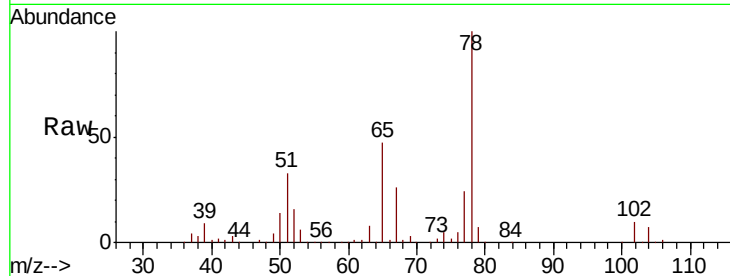




#33
 1,2-Dichloroethane-d4
 Concen: 55.037 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

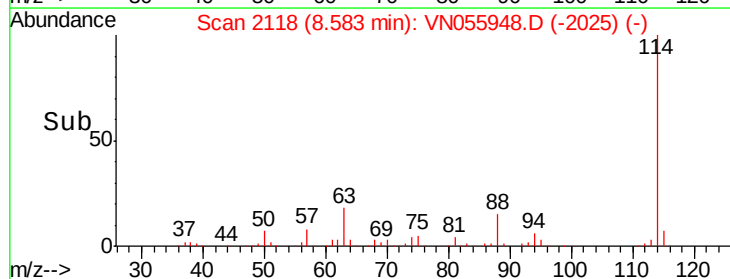
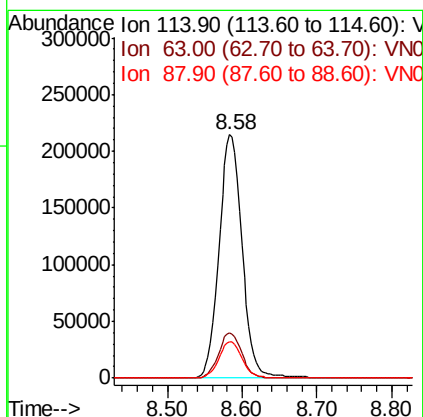
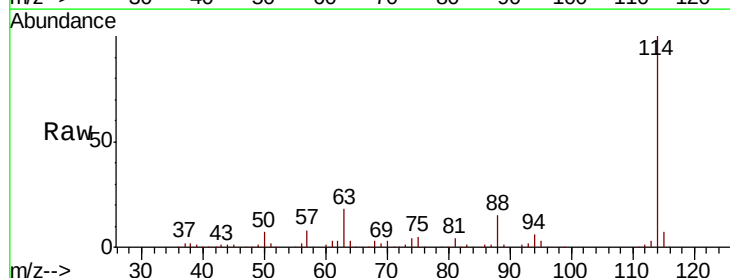
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

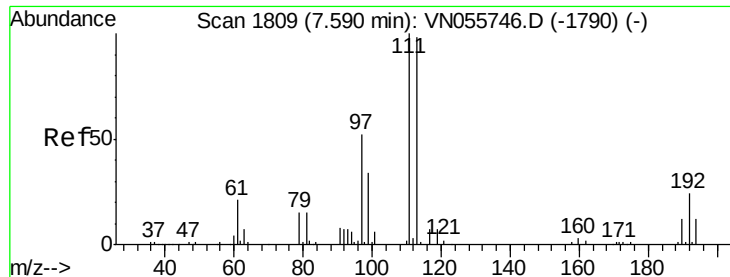
Tot Ion: 65 Resp: 167196
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 114 Resp: 457808
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.053 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

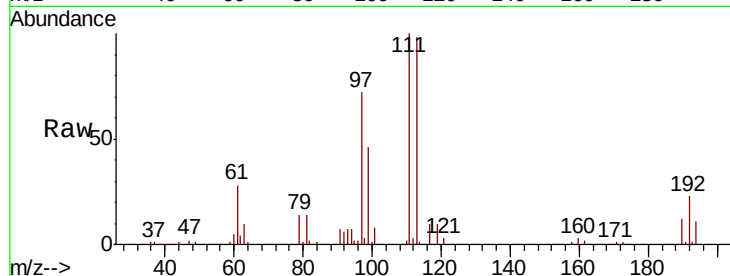
Tot Ion:113 Resp: 147768

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

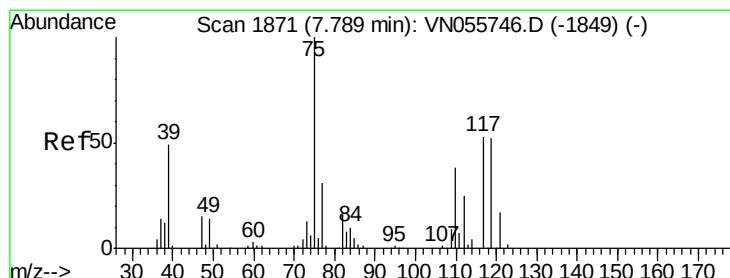
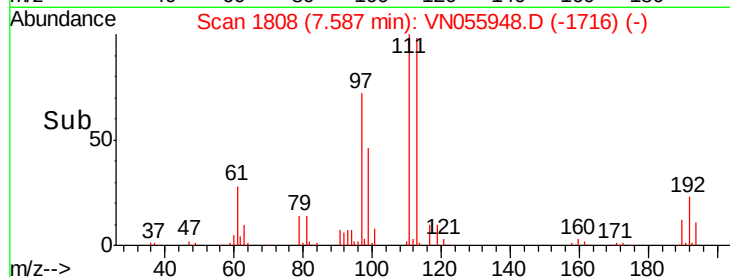
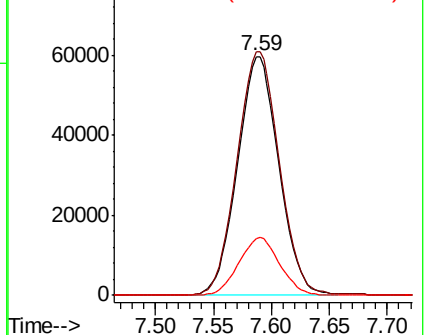
192 23.9 19.5 29.3



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: 45.264 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

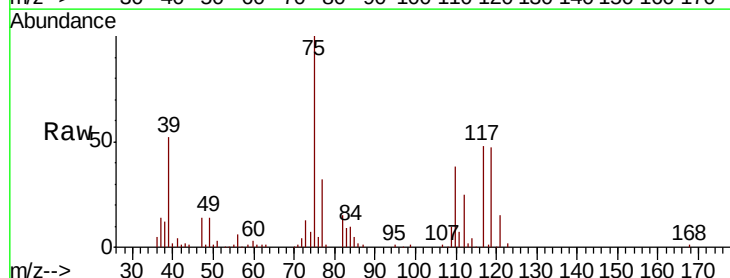
Tgt Ion: 75 Resp: 180584

Ion Ratio Lower Upper

75 100

110 38.3 19.0 57.0

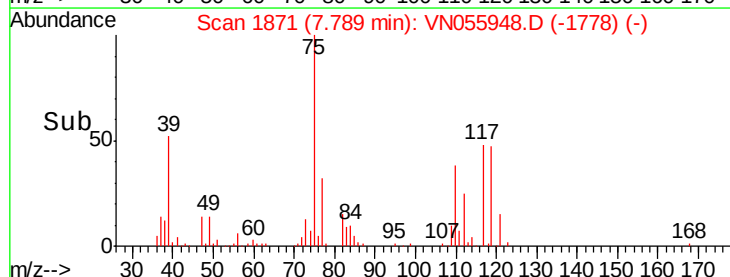
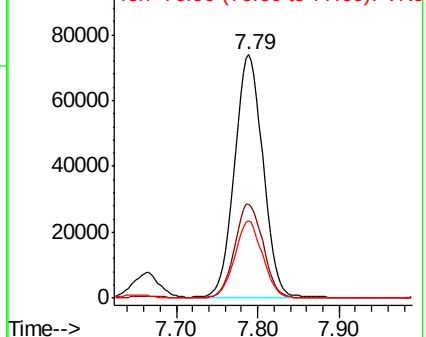
77 31.1 25.1 37.7

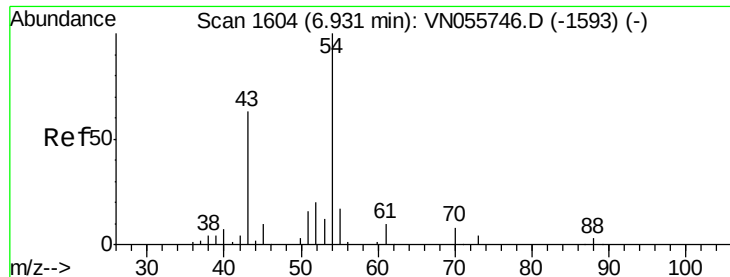


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

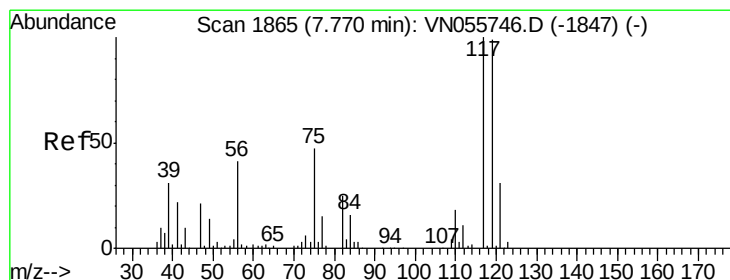
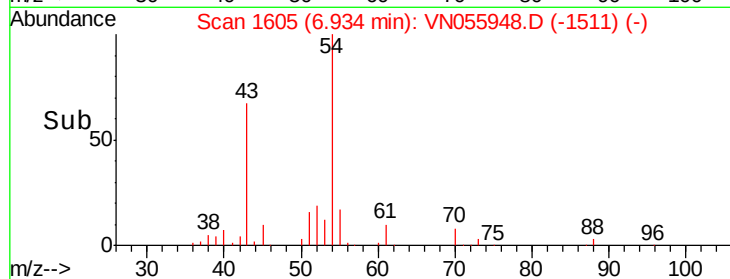
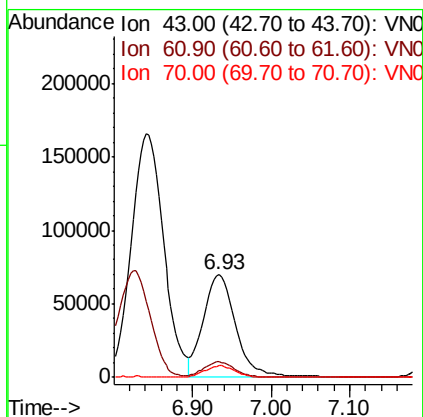
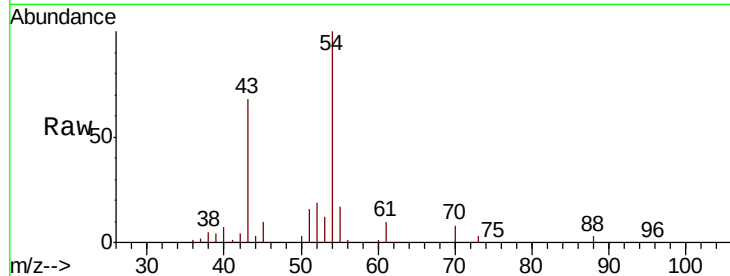




#37
Ethyl Acetate
Concen: 50.745 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

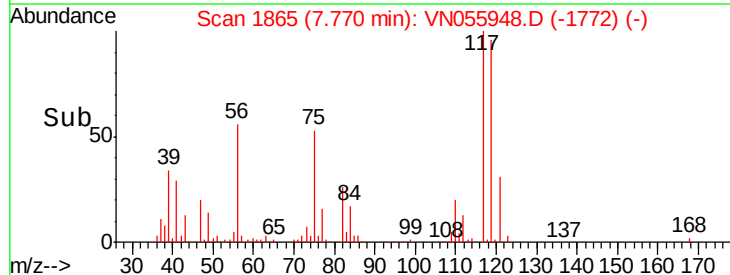
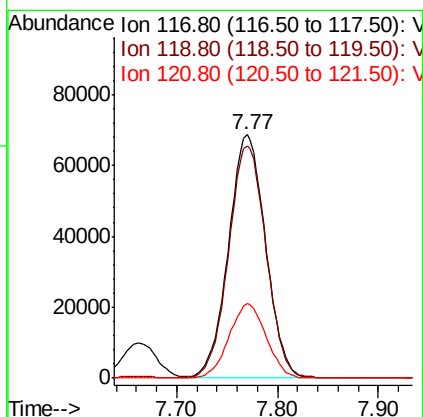
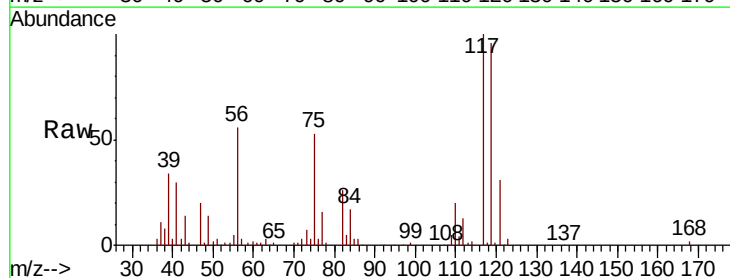
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

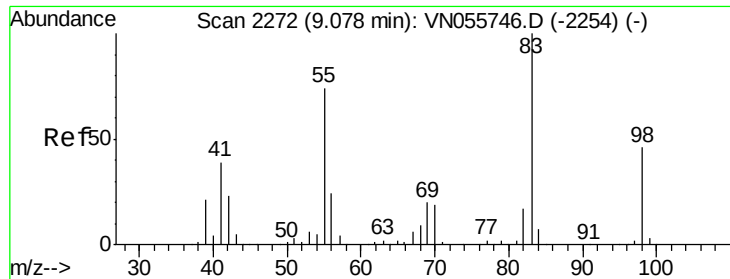
Tot Ion: 43 Resp: 195672
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 42.283 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 117 Resp: 175715
Ion Ratio Lower Upper
117 100
119 95.6 79.0 118.6
121 30.7 24.7 37.1

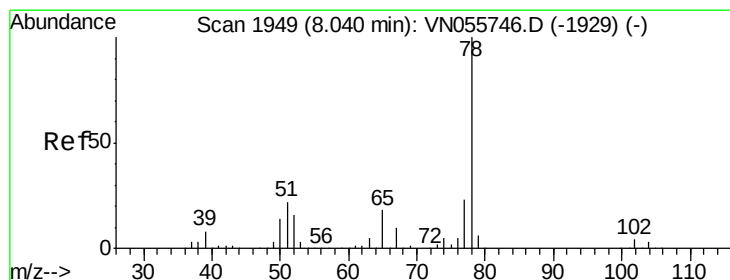
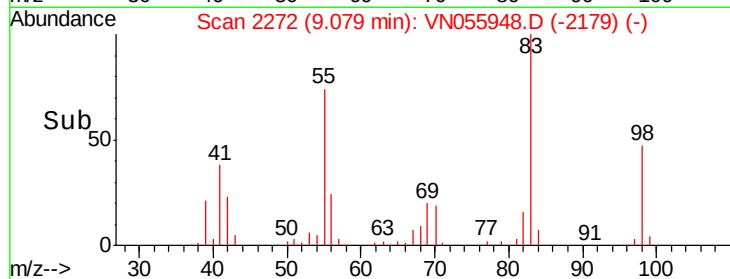
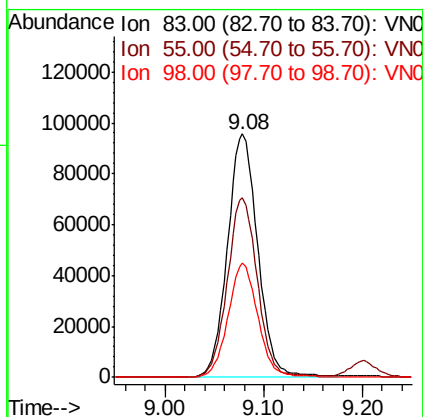
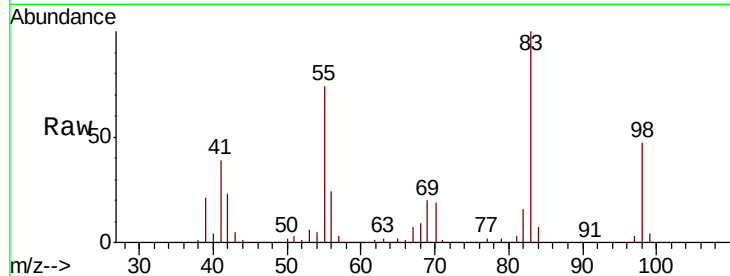




#39
Methylvlcyclohexane
Concen: 41.620 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

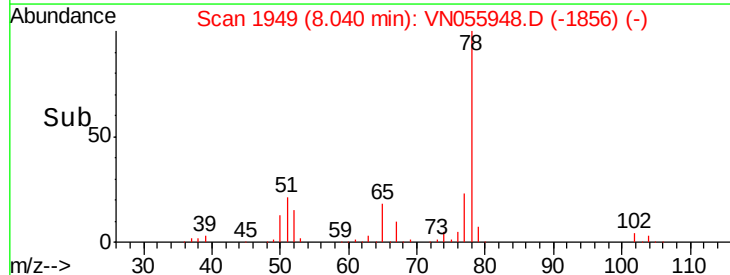
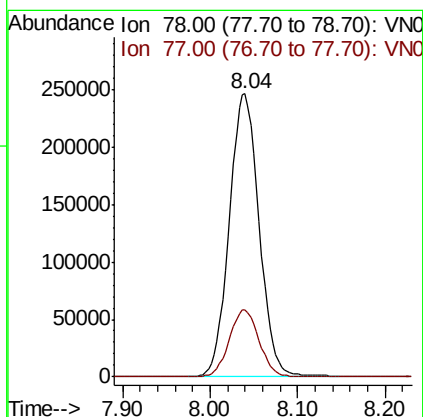
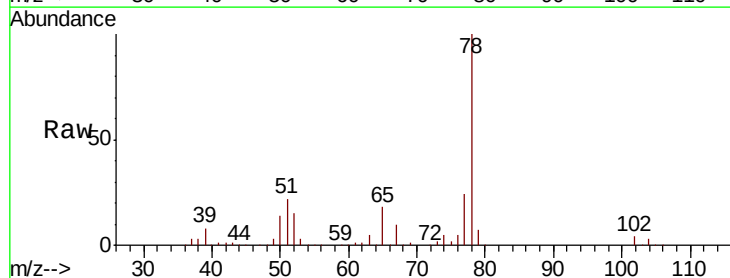
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

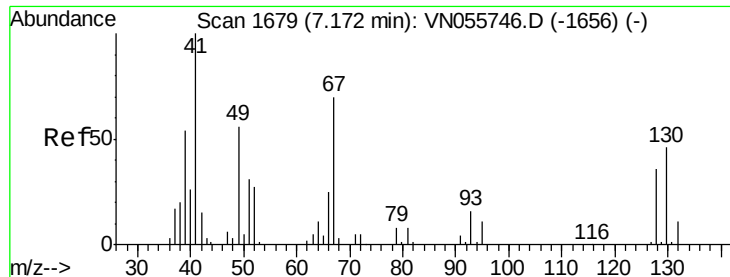
Tot Ion: 83 Resp: 205619
Ion Ratio Lower Upper
83 100
55 73.7 59.3 88.9
98 47.1 36.6 54.8



#40
Benzene
Concen: 48.566 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 78 Resp: 583950
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

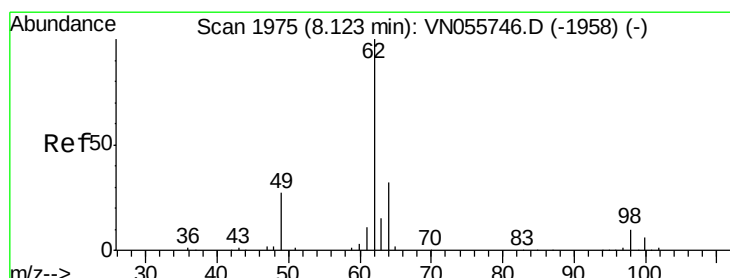
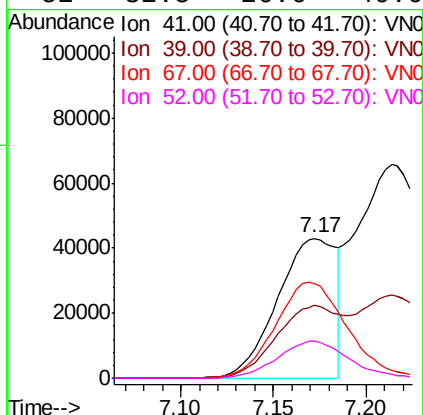
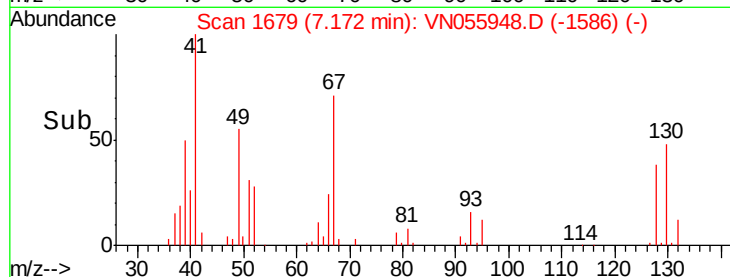
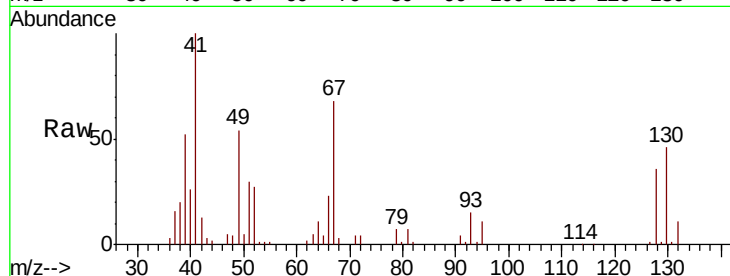




#41
Methacrylonitrile
Concen: 48.762 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

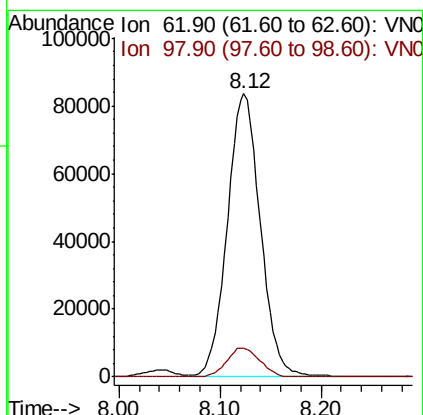
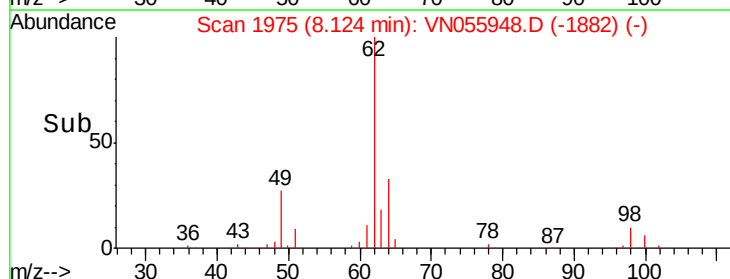
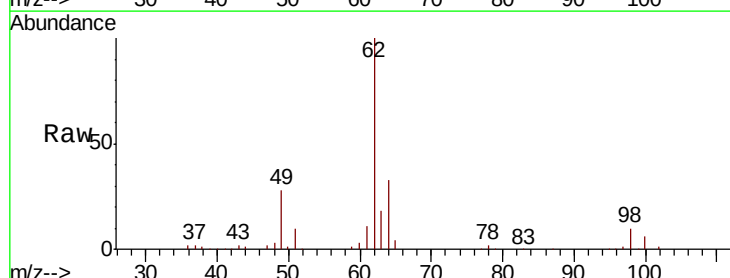
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

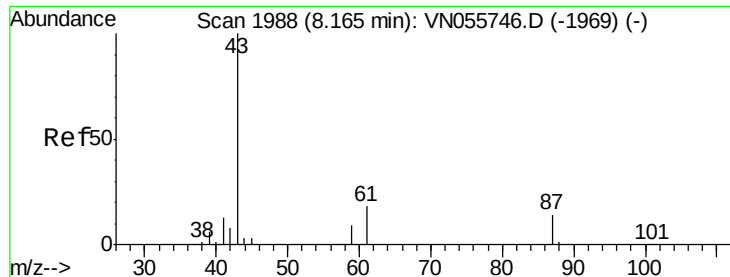
Tot Ion: 41 Resp: 94991
Ion Ratio Lower Upper
41 100
39 60.2 45.6 68.4
67 84.1 67.7 101.5
52 32.5 26.6 40.0



#42
1,2-Dichloroethane
Concen: 48.199 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 62 Resp: 189374
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 48.195 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

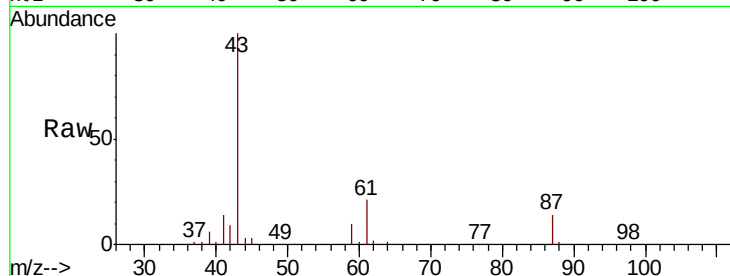
Tot Ion: 43 Resp: 312239

Ion Ratio Lower Upper

43 100

61 27.0 22.2 33.4

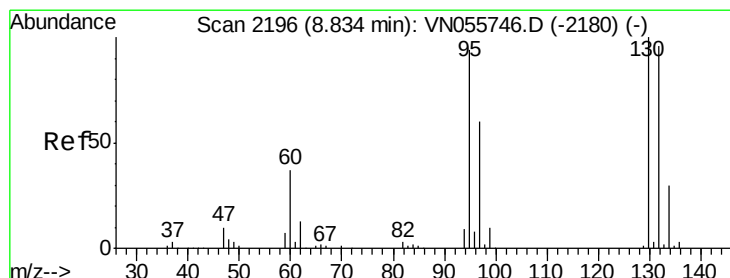
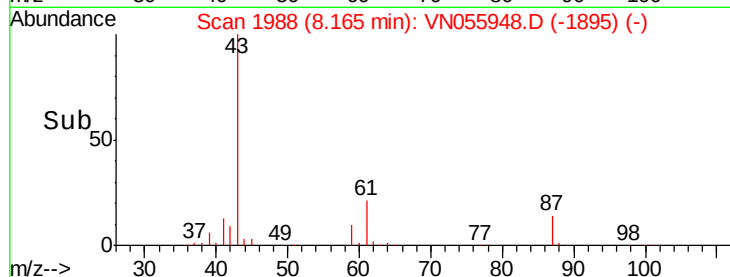
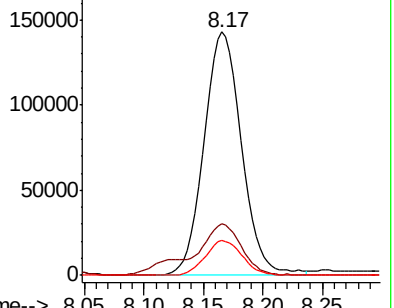
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#44

Trichloroethene

Concen: 48.256 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055948.D

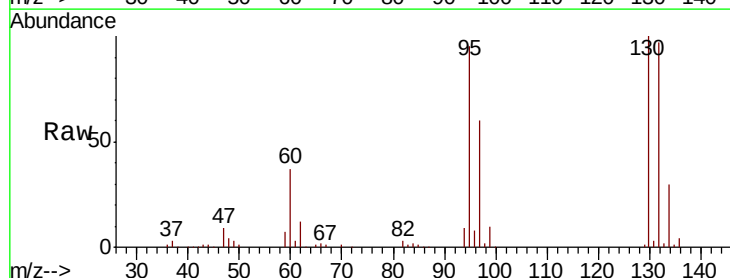
Acq: 1 Jun 2019 4:56

Tgt Ion:130 Resp: 161758

Ion Ratio Lower Upper

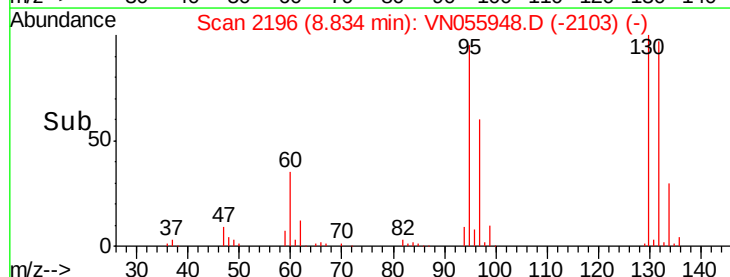
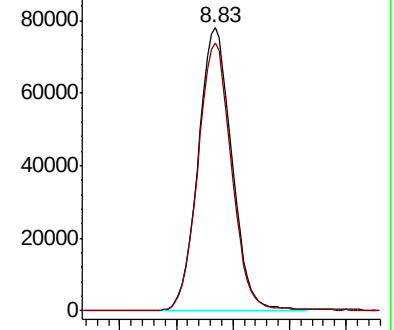
130 100

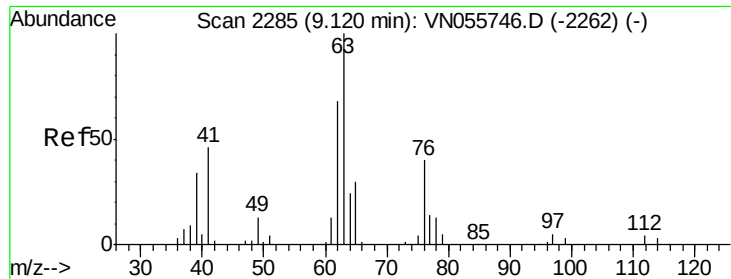
95 94.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

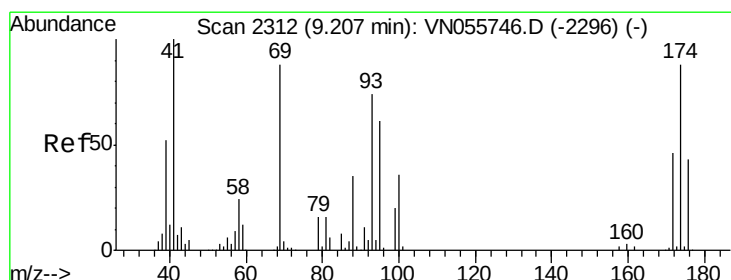
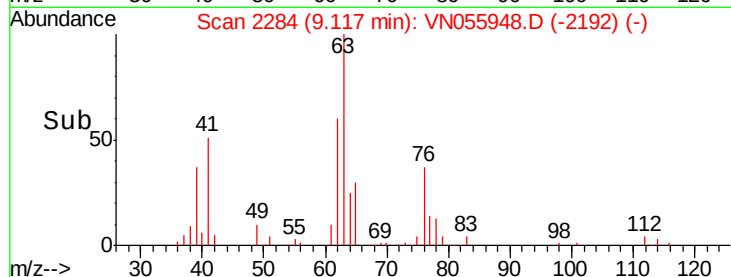
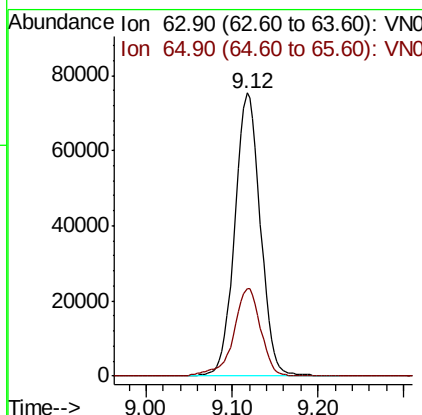
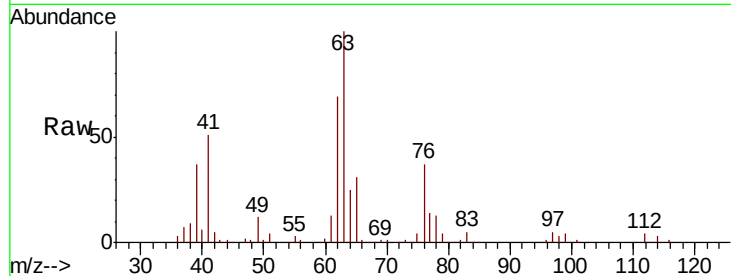




#45
 1,2-Dichloropropane
 Concen: 49.691 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

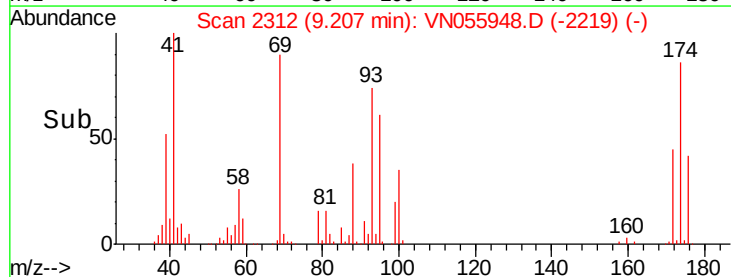
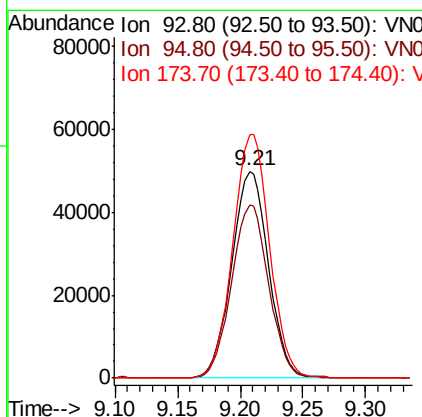
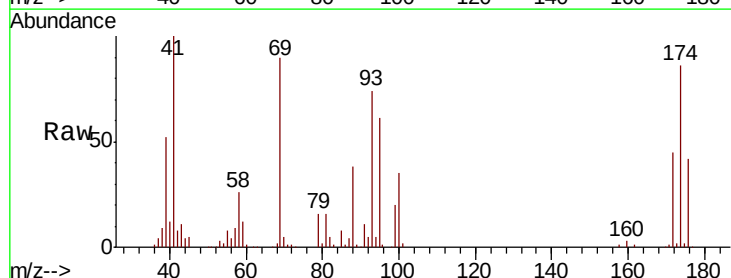
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

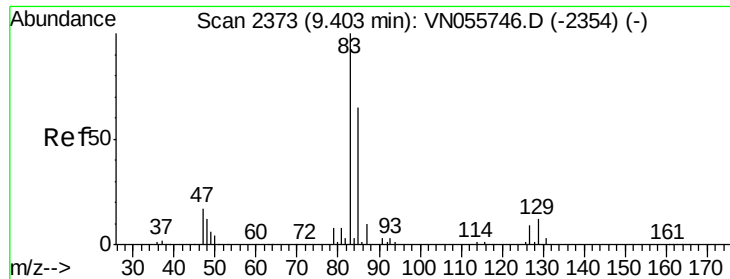
Tot Ion: 63 Resp: 155670
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 49.577 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 93 Resp: 101856
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.7 100.1
 174 117.9 96.4 144.6





#47

Bromodichloromethane

Concen: 45.938 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

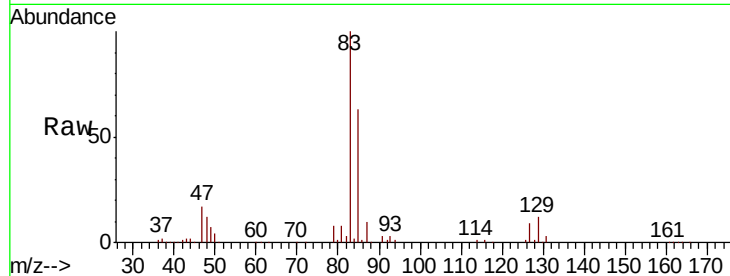
Tot Ion: 83 Resp: 193528

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2

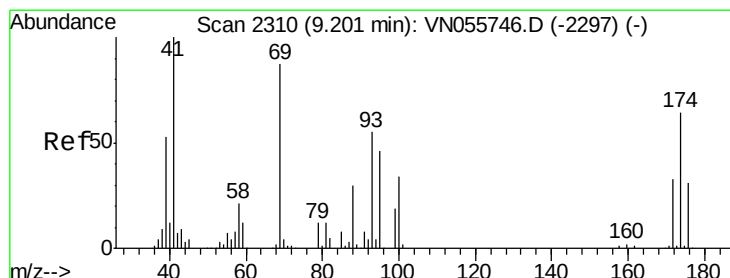
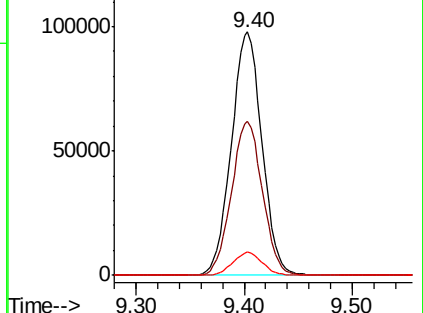
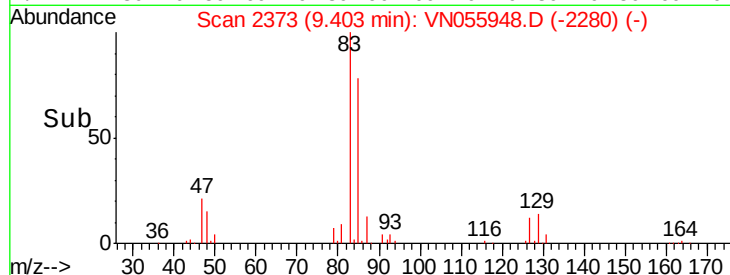
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055948.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055948.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055948.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.745 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

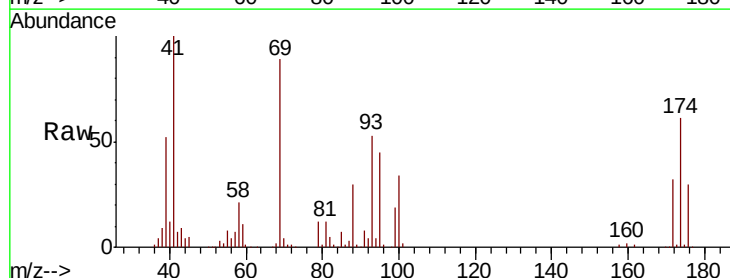
Tgt Ion: 41 Resp: 151517

Ion Ratio Lower Upper

41 100

69 89.3 71.0 106.6

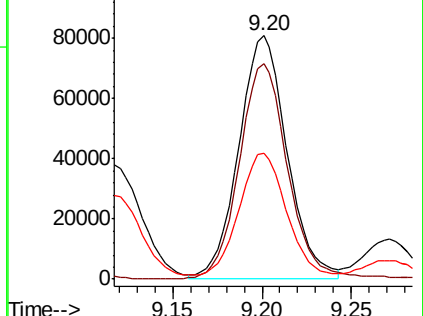
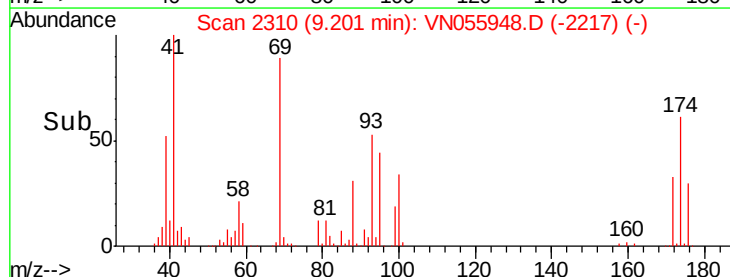
39 52.3 44.2 66.2

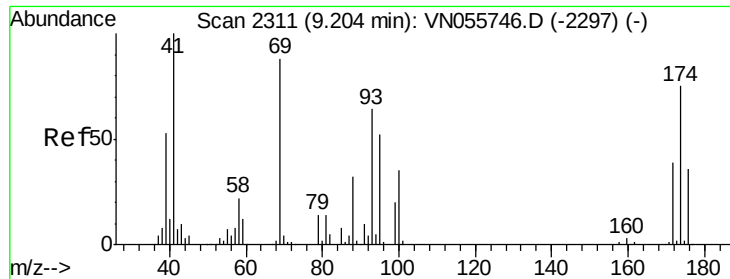


Abundance Ion 41.00 (40.70 to 41.70): VN055948.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055948.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055948.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1006.515 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

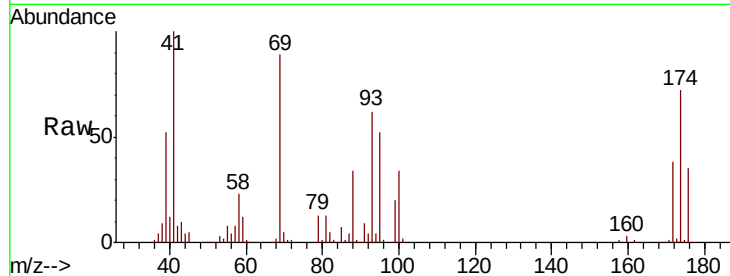
Tot Ion: 88 Resp: 62453

Ion Ratio Lower Upper

88 100

43 25.7 20.5 30.7

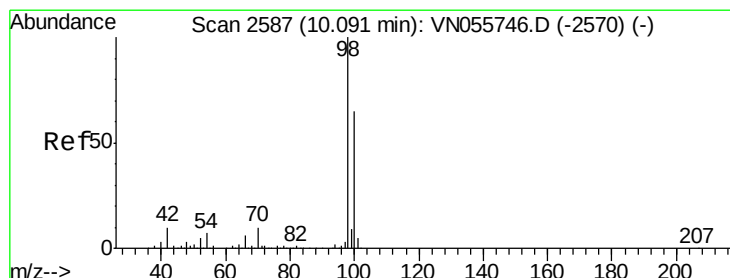
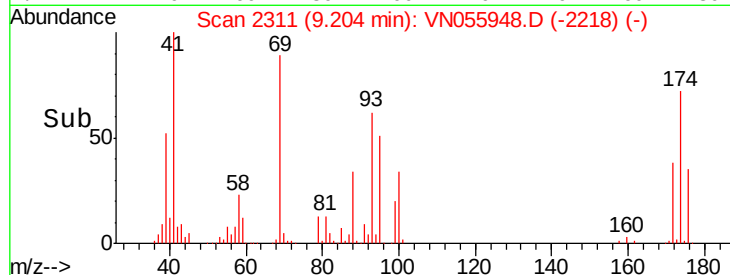
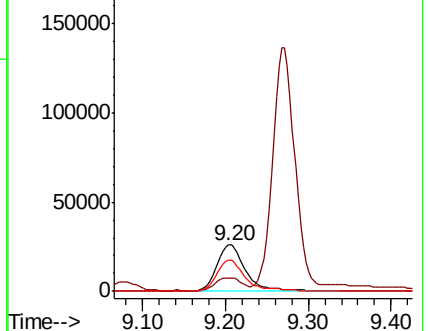
58 63.0 55.8 83.6



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: 50.298 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055948.D

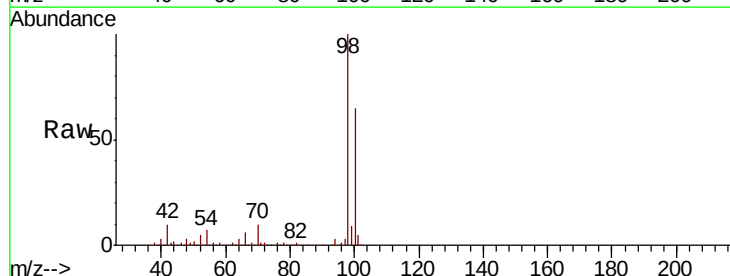
Acq: 1 Jun 2019 4:56

Tgt Ion: 98 Resp: 558439

Ion Ratio Lower Upper

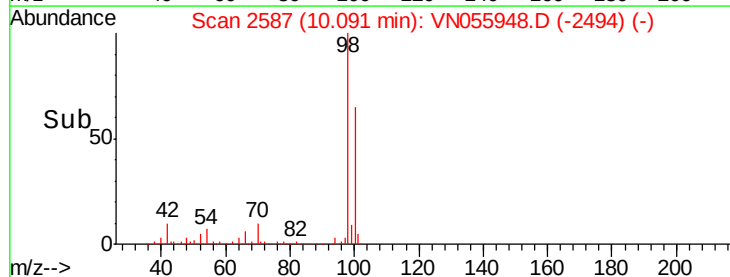
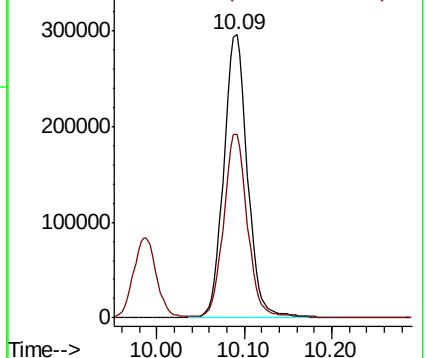
98 100

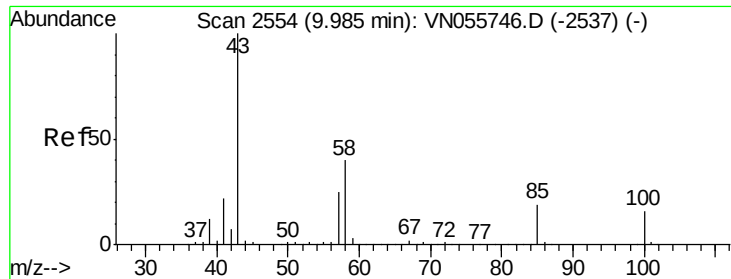
100 65.0 51.9 77.9



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: 254.219 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

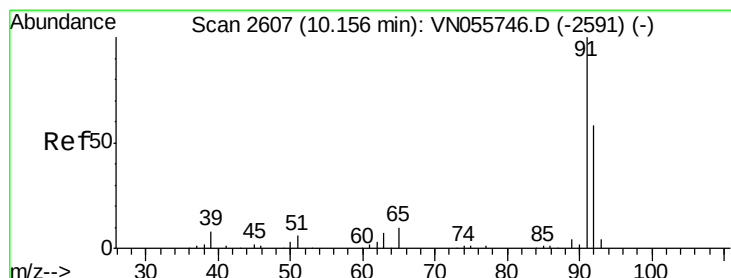
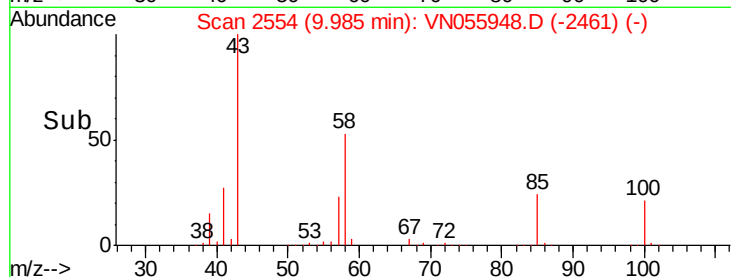
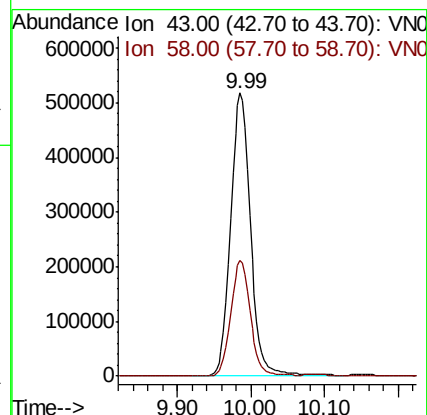
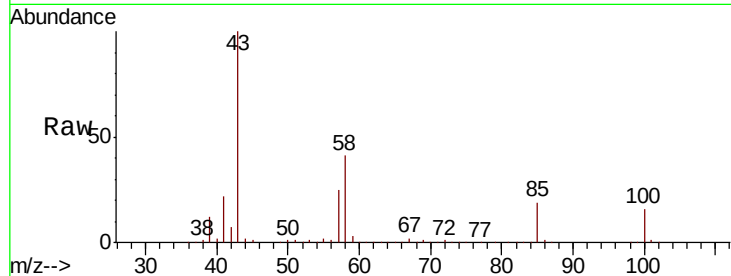
VSTDCCC050EC

Tot Ion: 43 Resp: 972722

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



#52

Toluene

Concen: 49.083 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055948.D

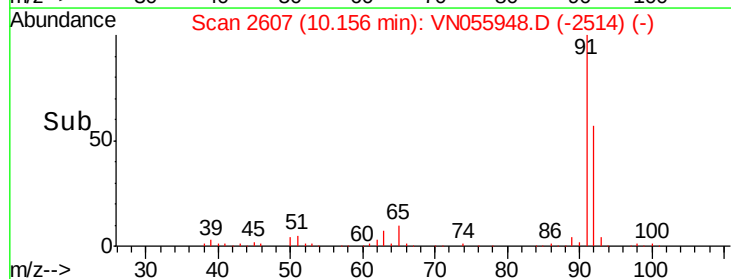
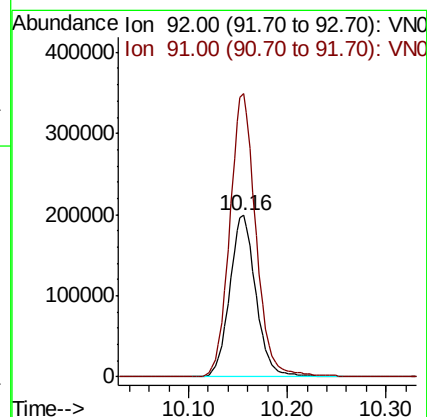
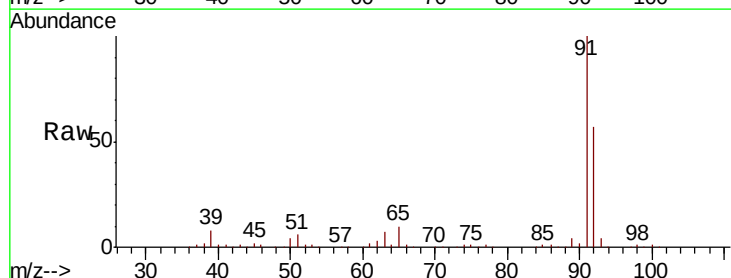
Acq: 1 Jun 2019 4:56

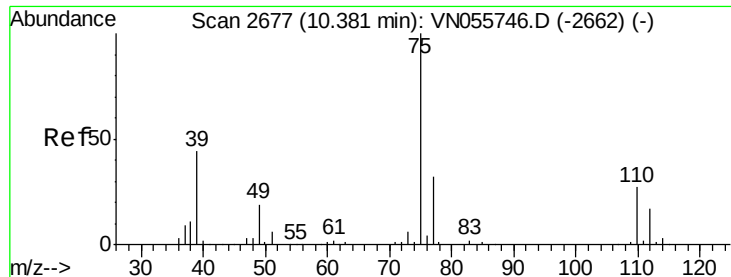
Tgt Ion: 92 Resp: 371172

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 42.691 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

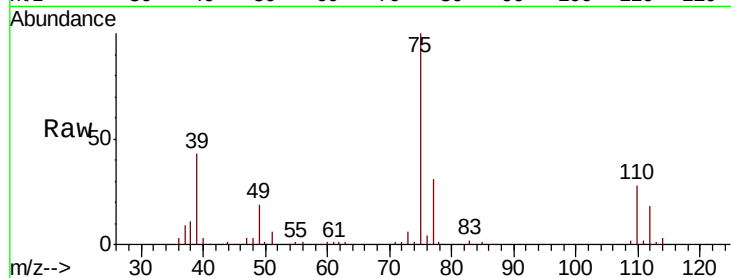
VSTDCCC050EC

Tot Ion: 75 Resp: 191976

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

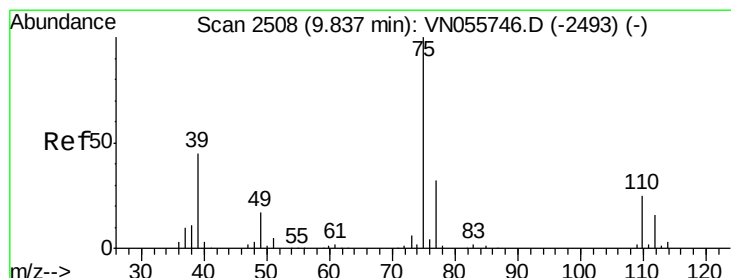
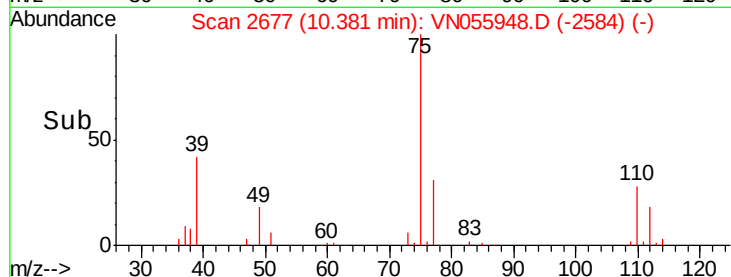
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 43.856 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

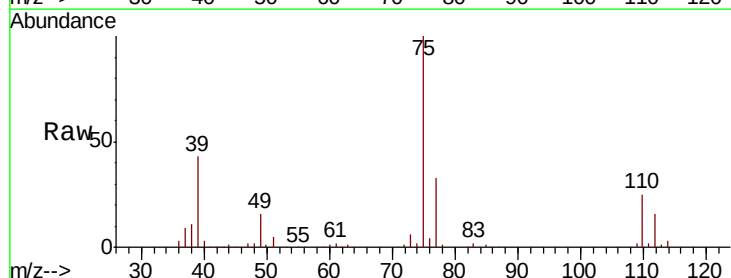
Tgt Ion: 75 Resp: 218476

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 42.9 36.3 54.5



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

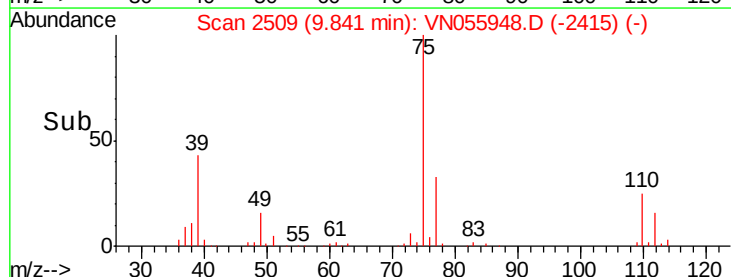
150000

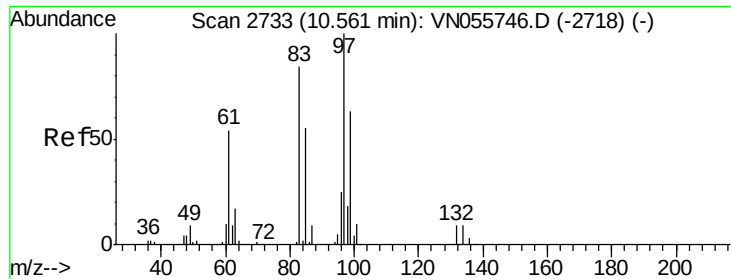
100000

50000

0

Time-->

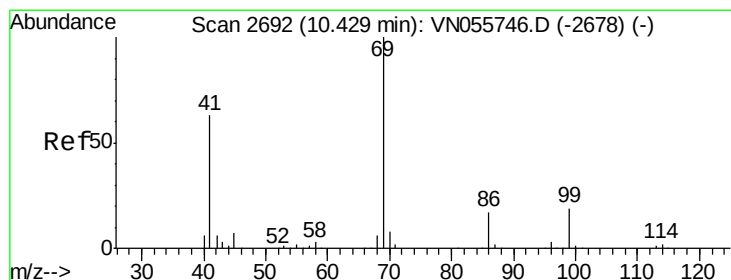
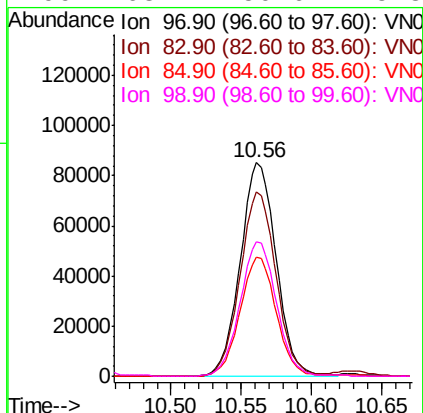
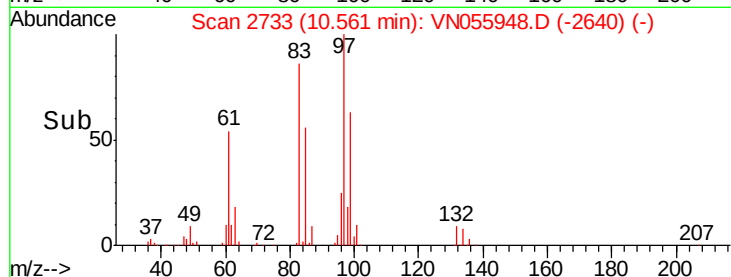
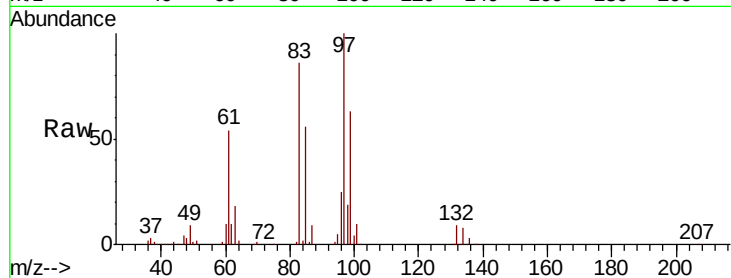




#55
 1,1,2-Trichloroethane
 Concen: 50.300 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

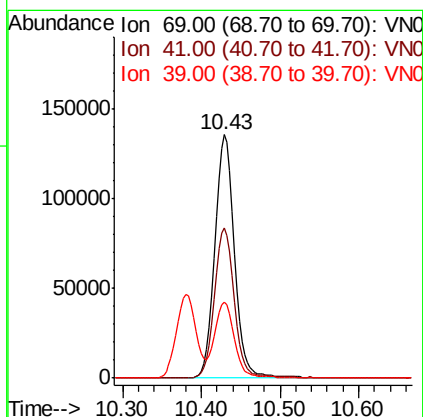
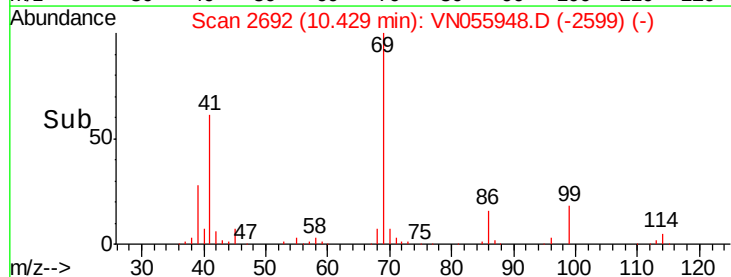
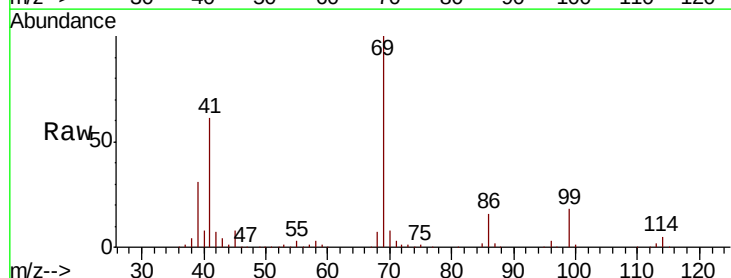
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

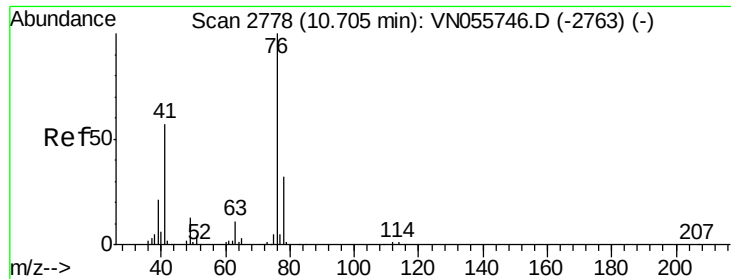
Tot Ion:	97	Resp:	152385
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	56.0	44.0	66.0
99	63.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 49.921 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion:	69	Resp:	233731
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.7	74.5
39	30.8	24.7	37.1

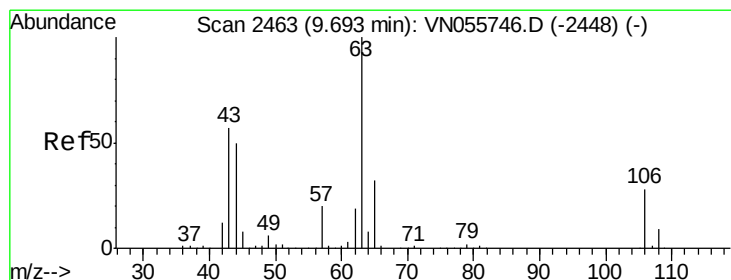
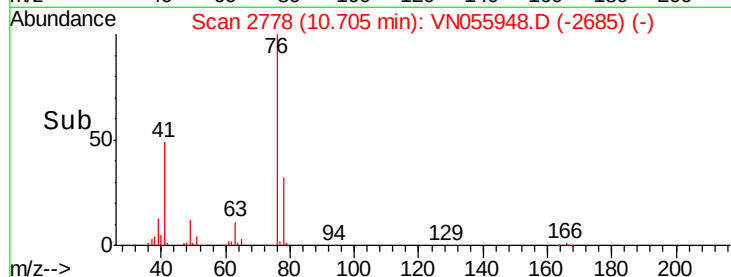
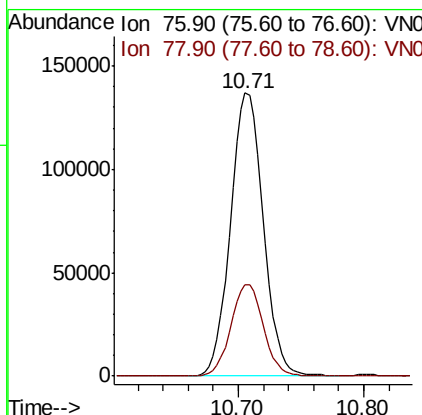
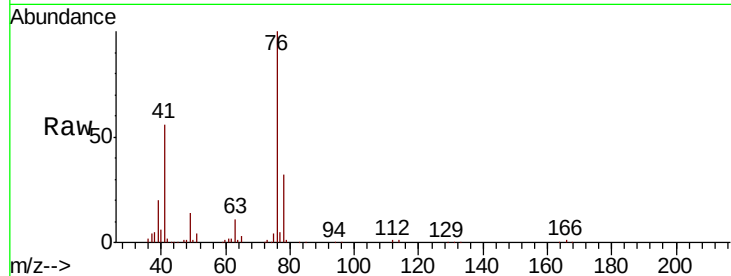




#57
 1,3-Dichloropropane
 Concen: 50.598 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

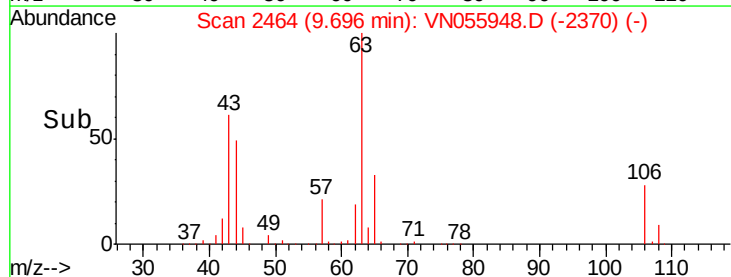
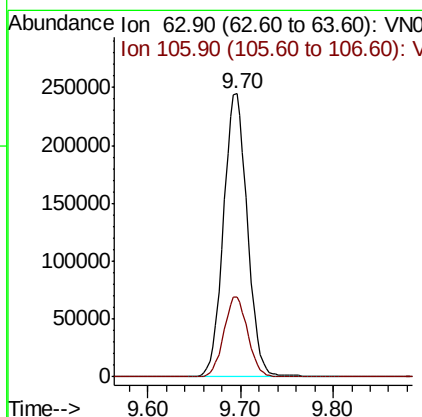
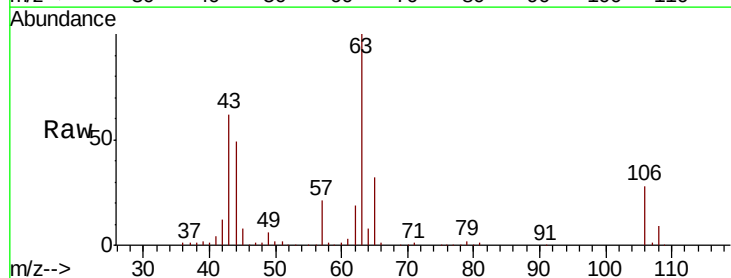
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

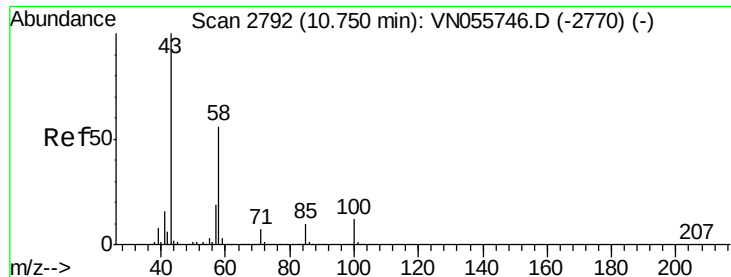
Tot Ion: 76 Resp: 249162
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 244.293 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 63 Resp: 437106
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

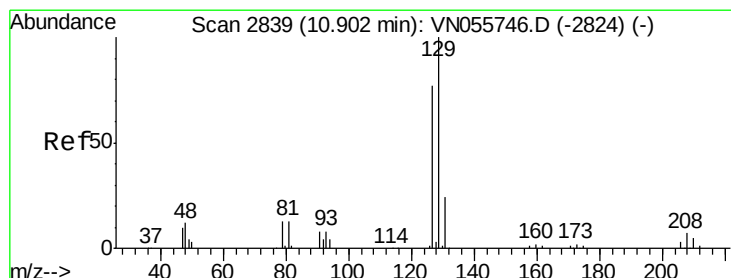
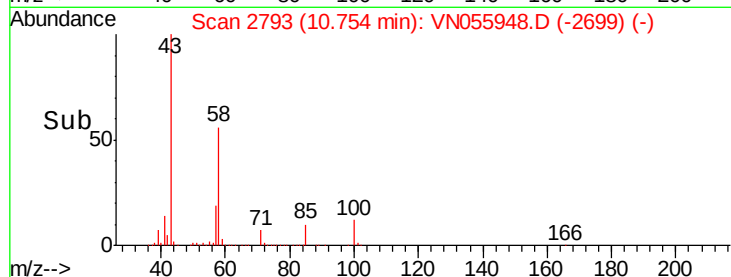
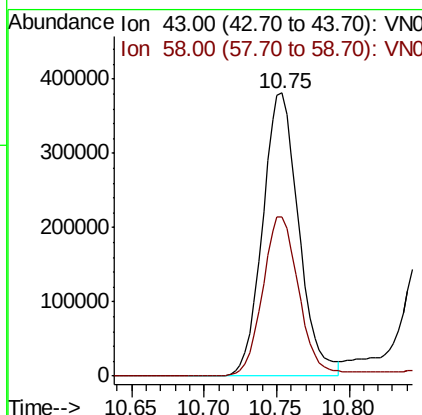
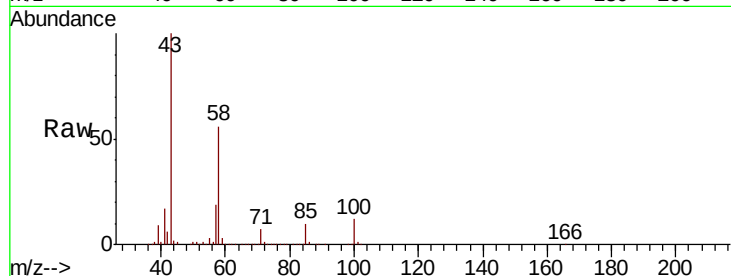




#59
2-Hexanone
Concen: 243.269 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

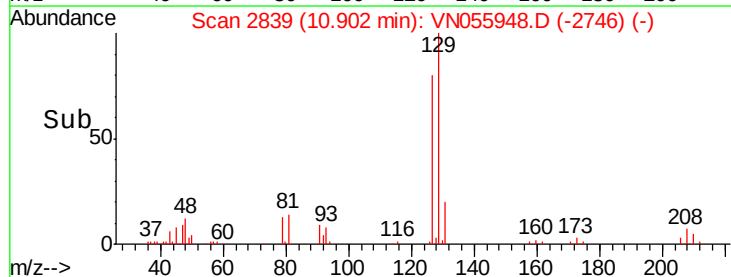
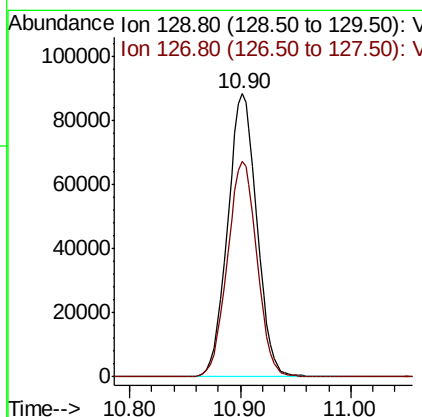
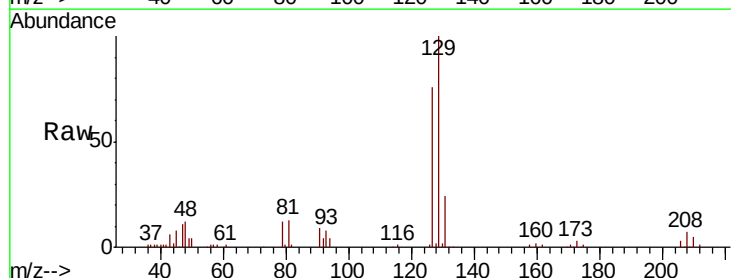
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

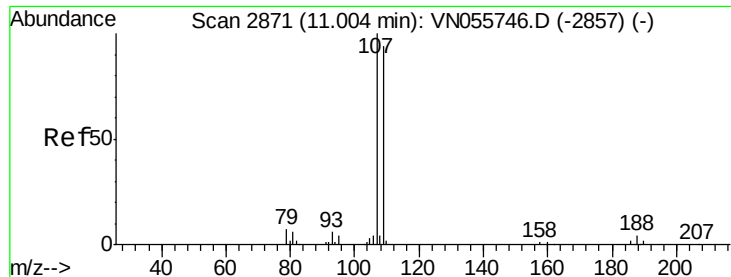
Tot Ion: 43 Resp: 660333
Ion Ratio Lower Upper
43 100
58 57.5 28.2 84.7



#60
Dibromochloromethane
Concen: 45.843 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 129 Resp: 161790
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

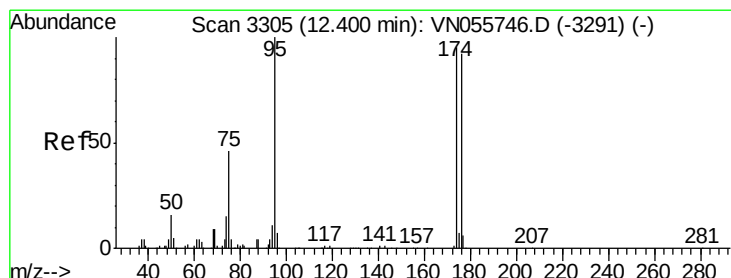
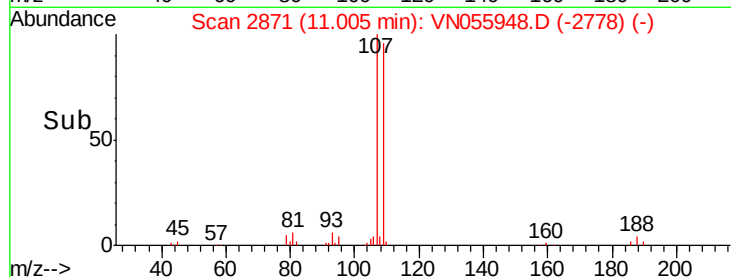
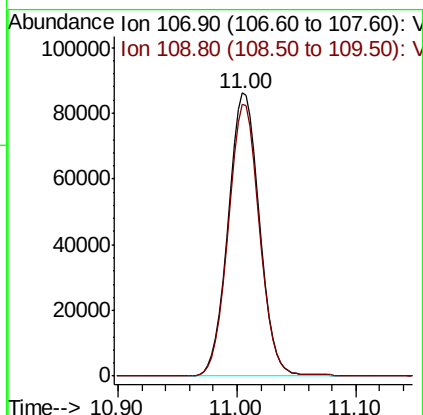
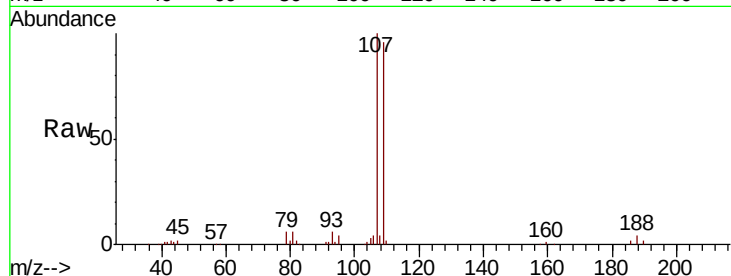




#61
1,2-Dibromoethane
Concen: 50.100 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

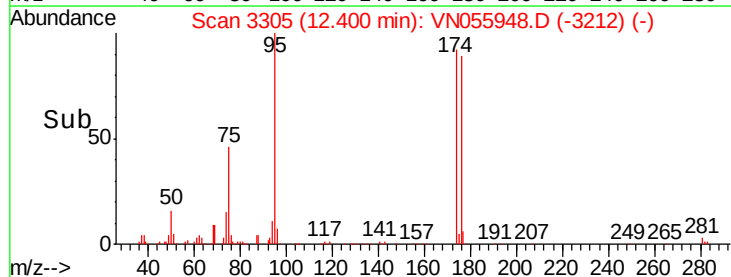
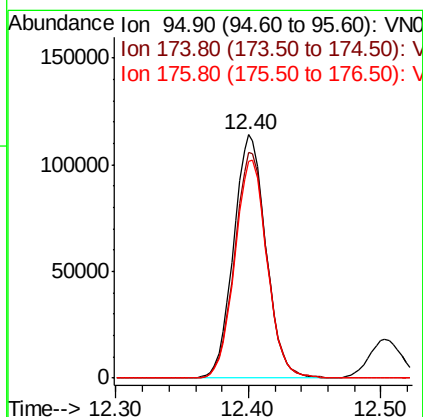
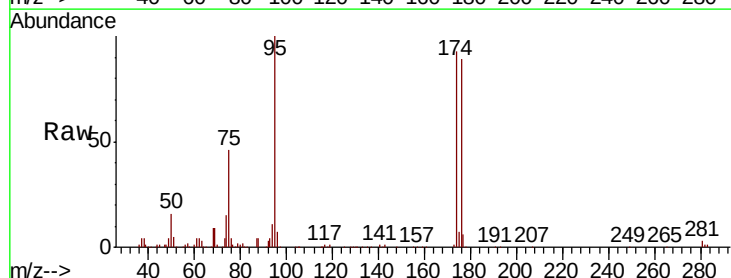
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

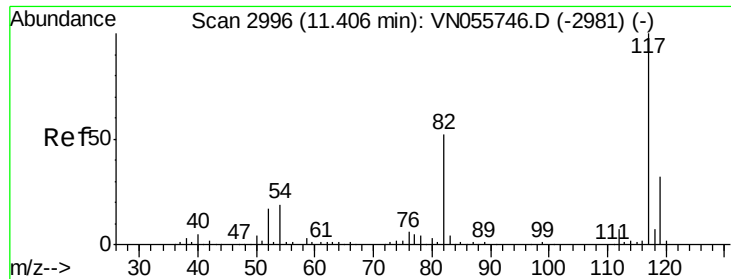
Tot Ion: 107 Resp: 157431
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.685 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion: 95 Resp: 192957
Ion Ratio Lower Upper
95 100
174 92.9 0.0 191.0
176 89.6 0.0 185.2

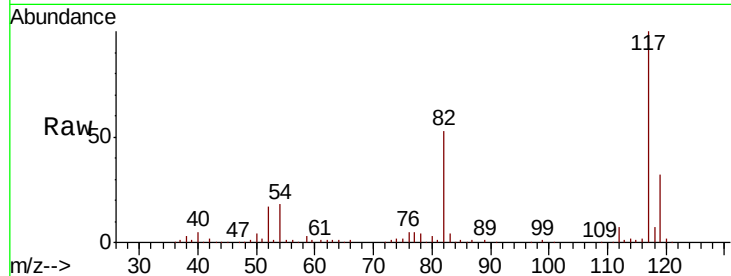




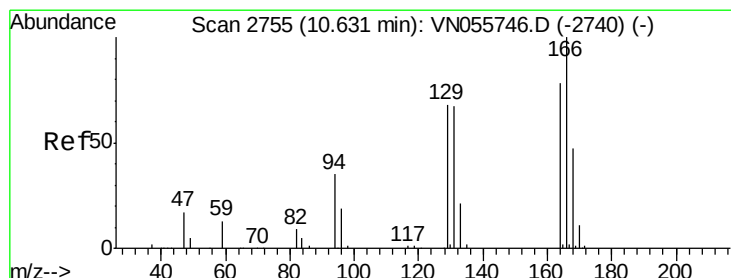
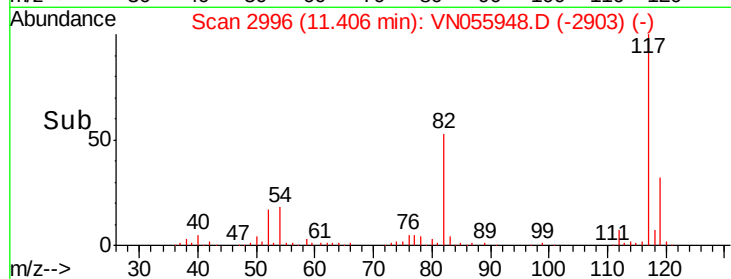
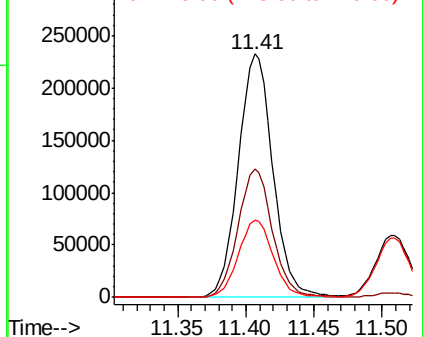
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 409519
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 31.8 25.4 38.0

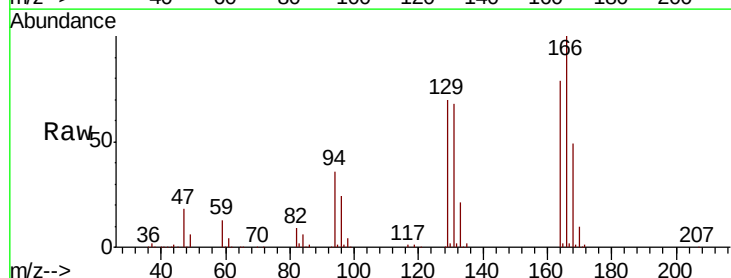


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

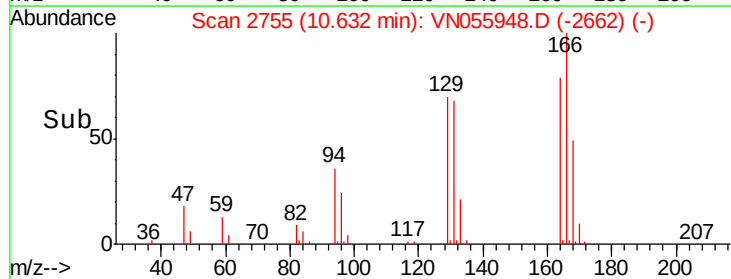
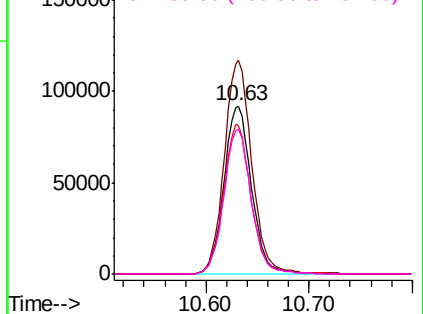


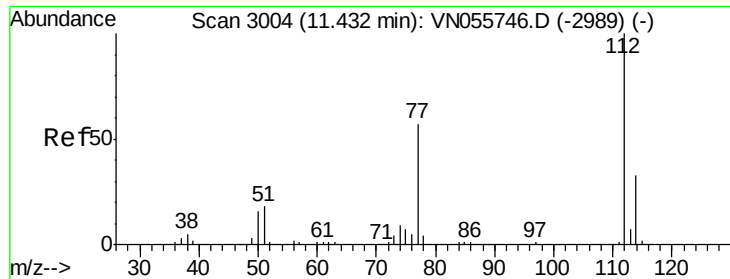
#64
Tetrachloroethene
Concen: 49.521 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion:164 Resp: 171042
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 88.5 70.6 105.8
131 85.8 68.6 102.8



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

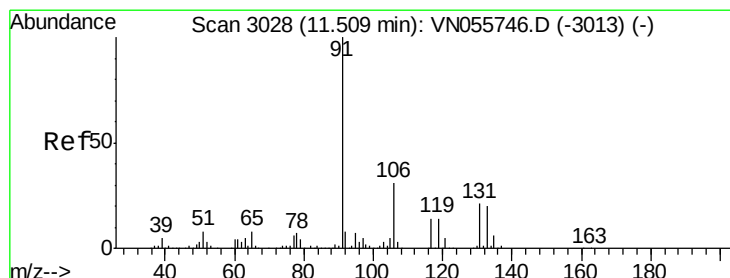
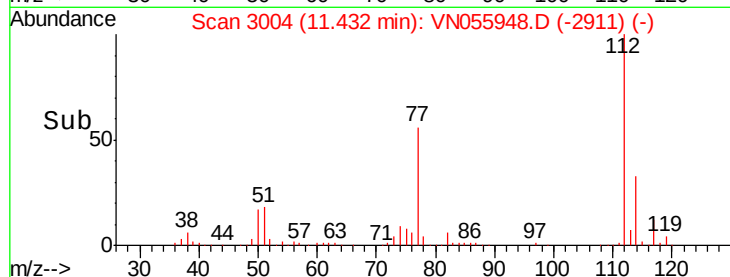
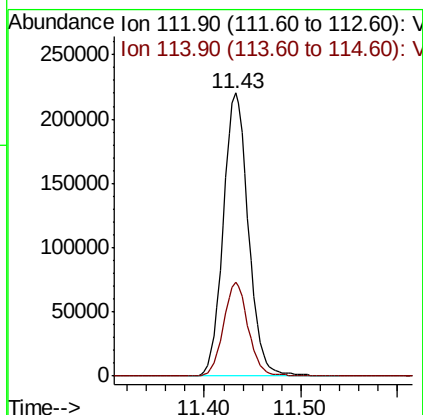
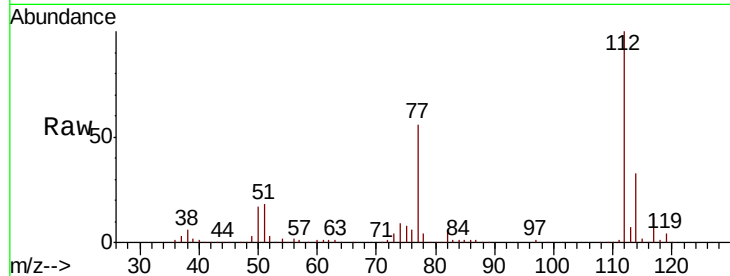




#65
Chlorobenzene
Concen: 48.472 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

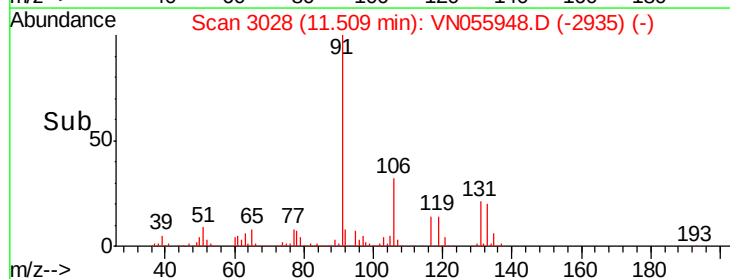
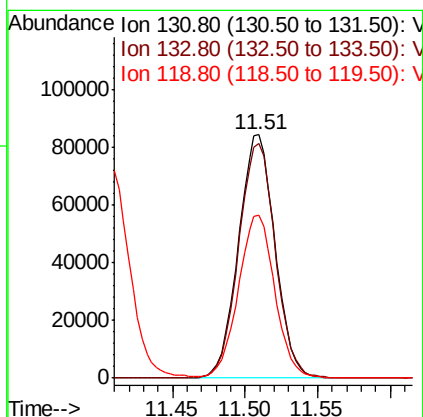
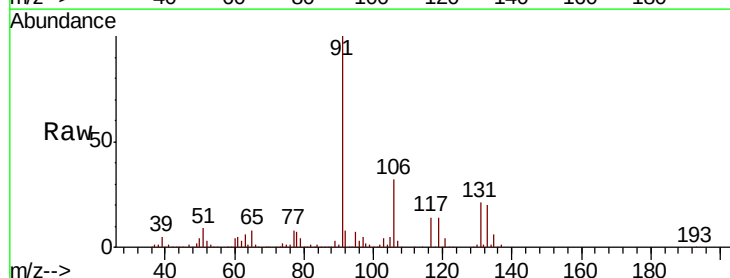
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

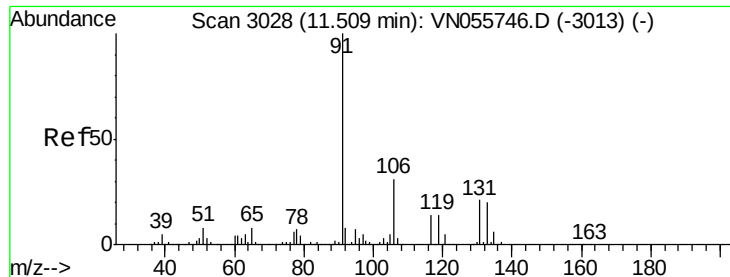
Tot Ion:112 Resp: 397375
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.324 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion:131 Resp: 148197
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 67.0 33.1 99.5





#67

Ethyl Benzene

Concen: 47.746 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

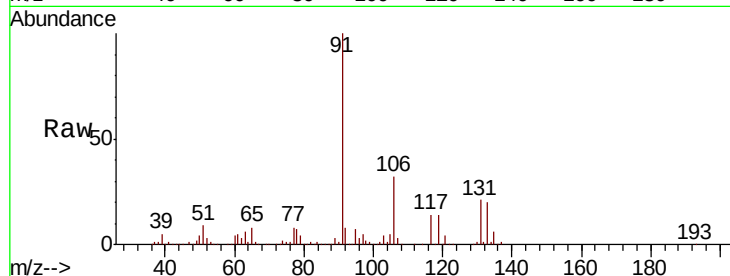
VSTDCCC050EC

Tot Ion: 91 Resp: 701947

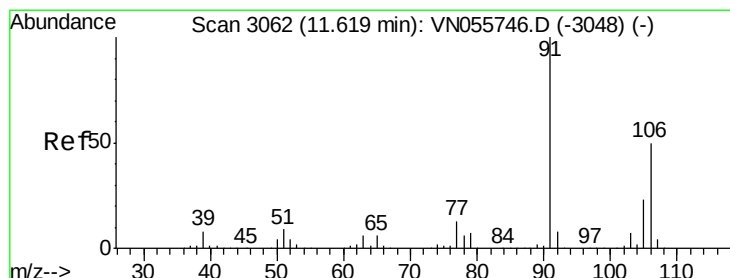
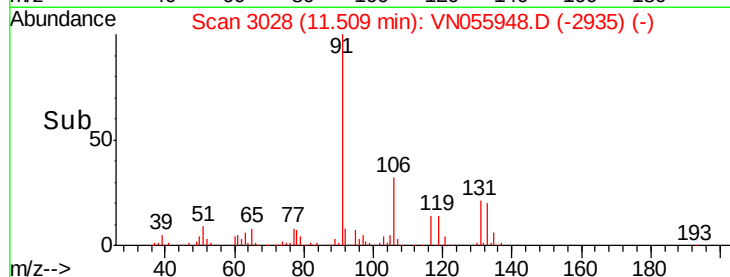
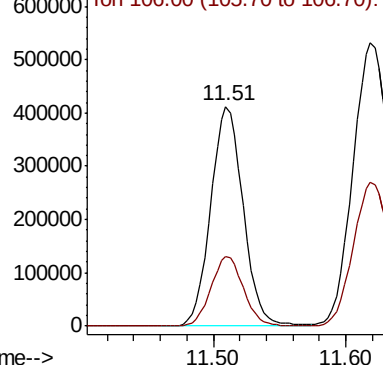
Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3013) (-)



#68

m/p-Xylenes

Concen: 96.302 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN055948.D

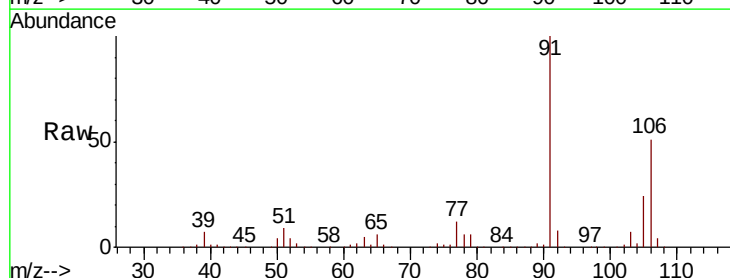
Acq: 1 Jun 2019 4:56

Tgt Ion: 106 Resp: 535235

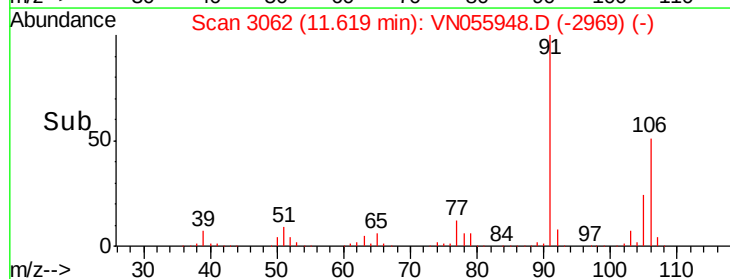
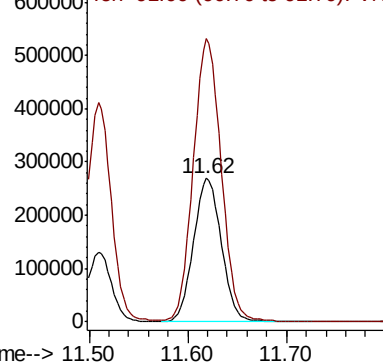
Ion Ratio Lower Upper

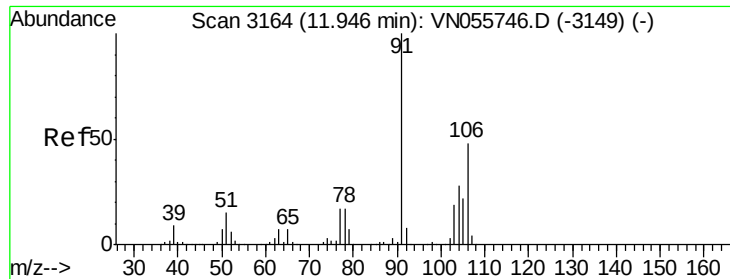
106 100

91 197.3 159.3 238.9



Abundance Ion 106.00 (105.70 to 106.70): VN055746.D (-3048) (-)

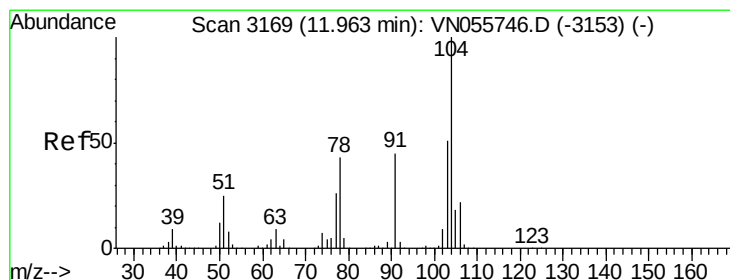
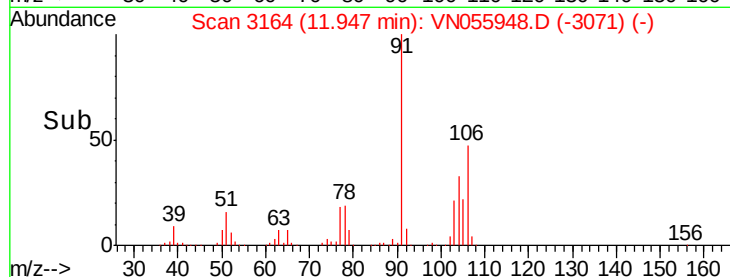
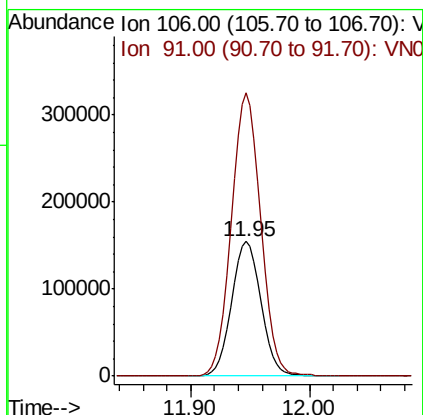
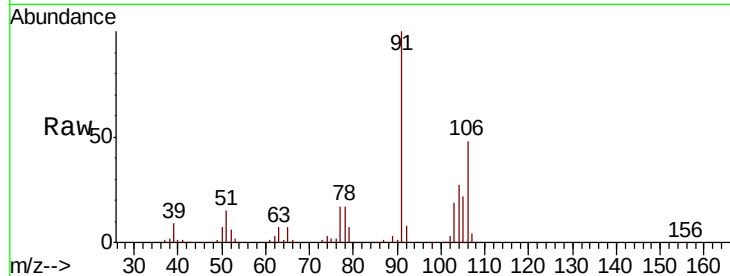




#69
o-Xylene
Concen: 48.184 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

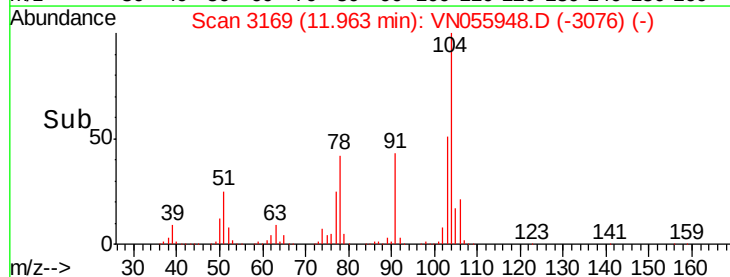
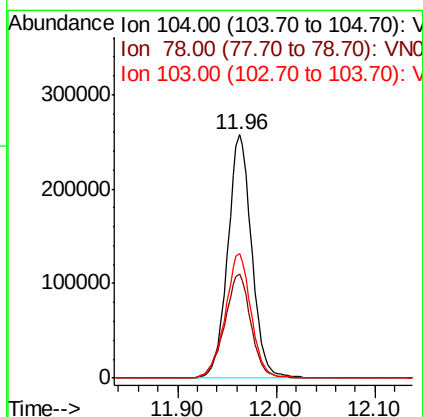
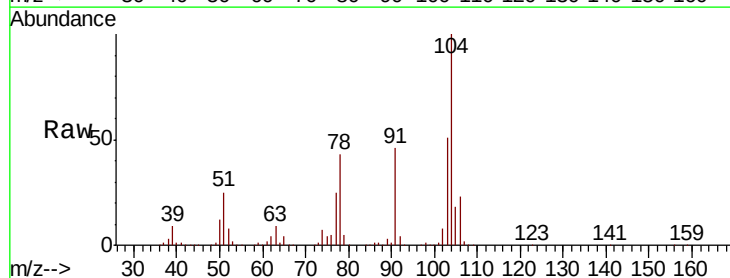
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

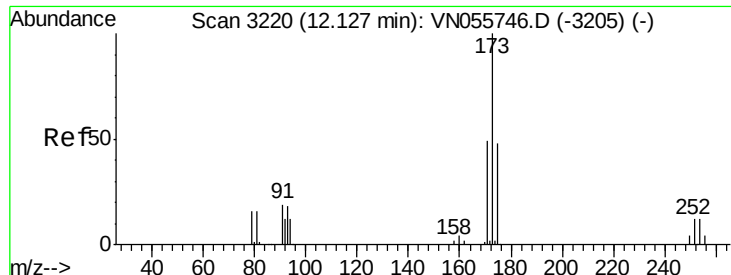
Tot Ion:106 Resp: 265695
Ion Ratio Lower Upper
106 100
91 209.0 104.7 314.1



#70
Styrene
Concen: 49.107 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055948.D
Acq: 1 Jun 2019 4:56

Tgt Ion:104 Resp: 438513
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 39.949 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

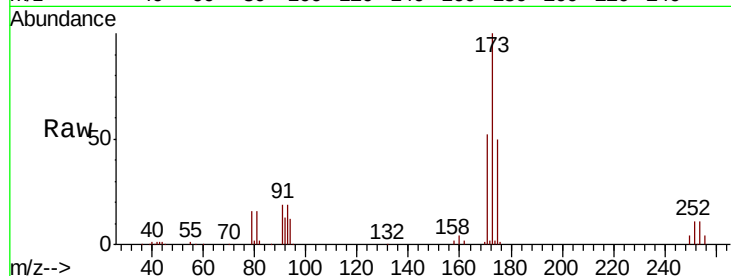
Tot Ion:173 Resp: 111416

Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.8
254	0.0	0.0	0.0

173 100

175 49.4 24.3 72.8

254 0.0 0.0 0.0

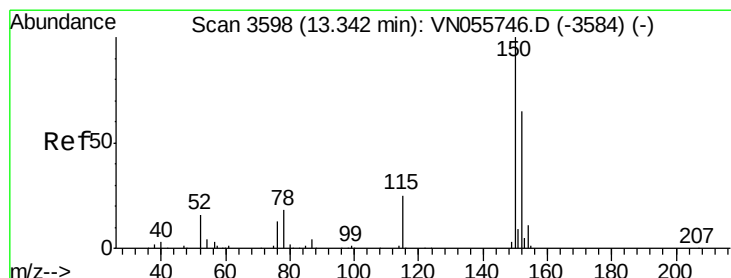
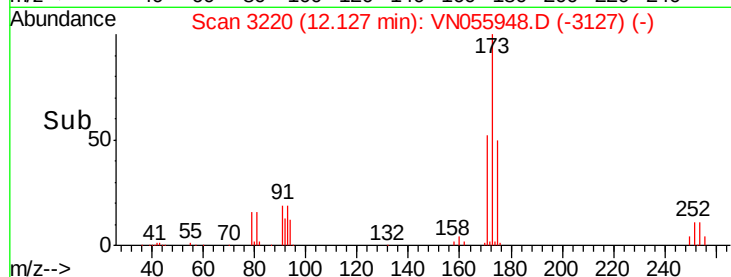
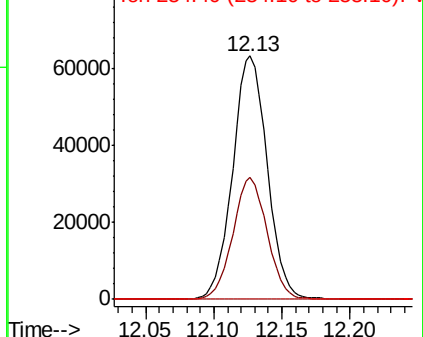


Abundance

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: VN055948.D

Acq: 1 Jun 2019 4:56

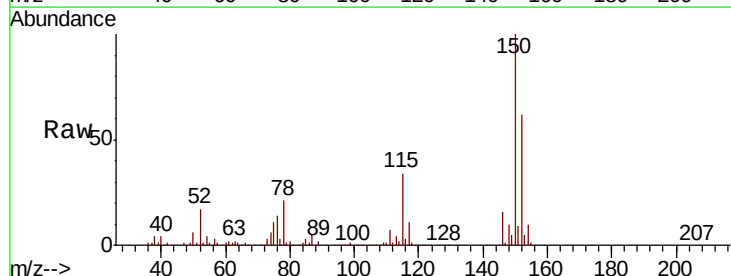
Tgt Ion:152 Resp: 180434

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.0	81.0
150	171.9	0.0	343.2

152 100

115 54.2 27.0 81.0

150 171.9 0.0 343.2

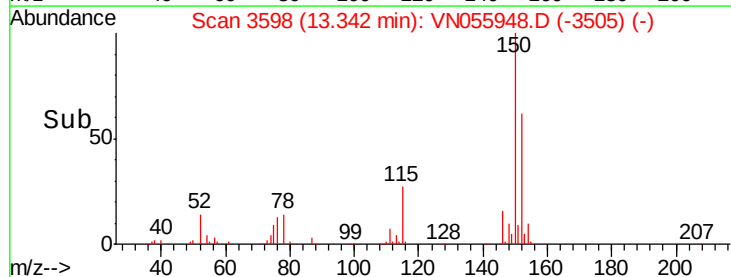
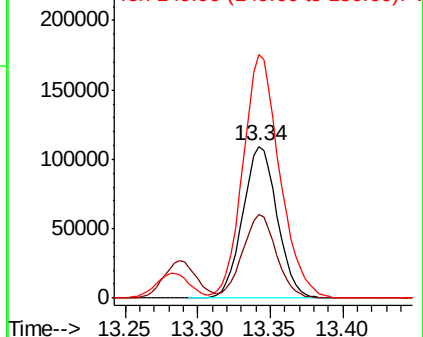


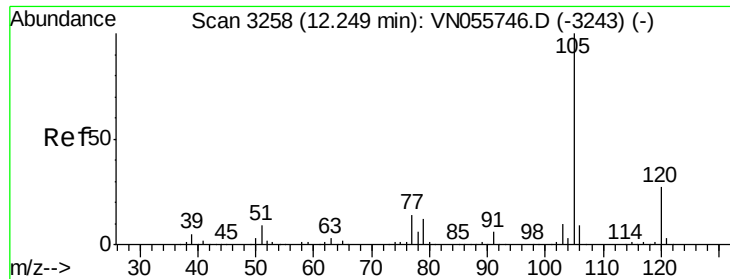
Abundance

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: 54.591 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

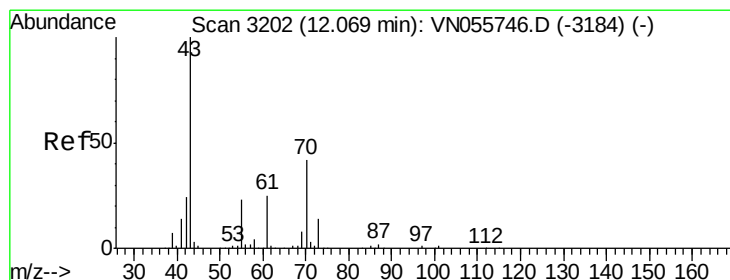
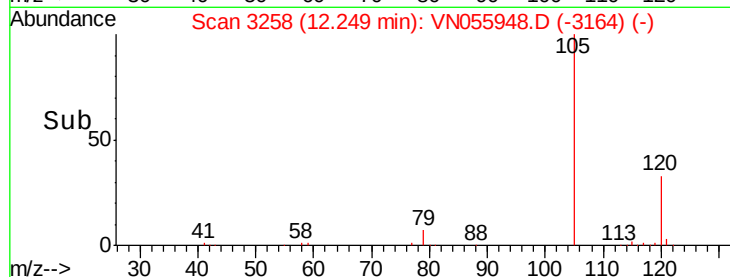
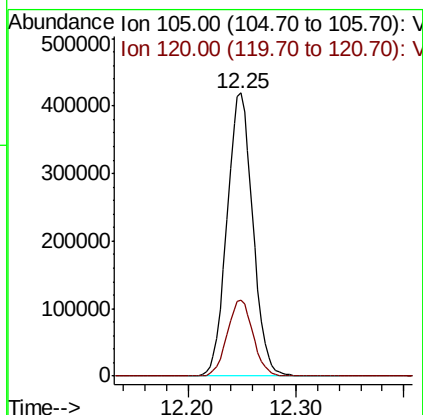
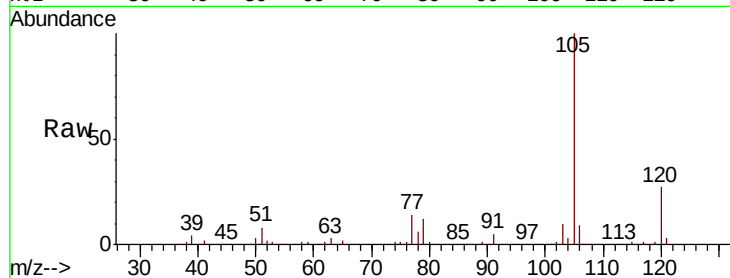
VSTDCCC050EC

Tot Ion:105 Resp: 697530

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 51.672 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Tgt Ion: 43 Resp: 252096

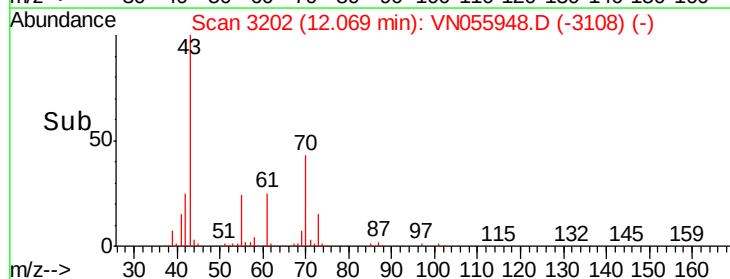
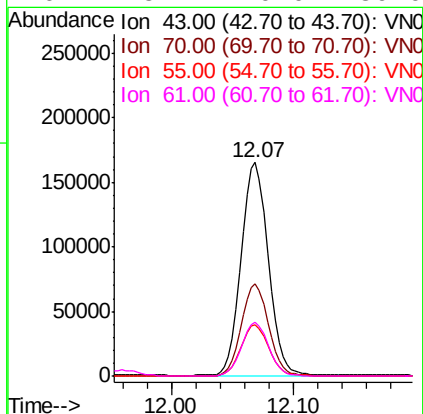
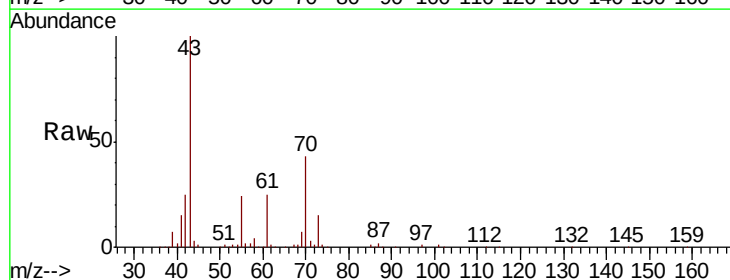
Ion Ratio Lower Upper

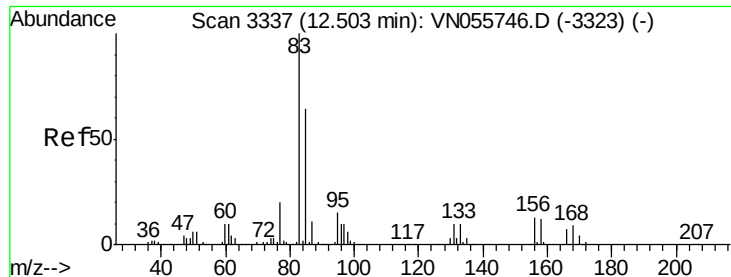
43 100

70 43.6 34.0 51.0

55 25.0 18.6 28.0

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.190 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

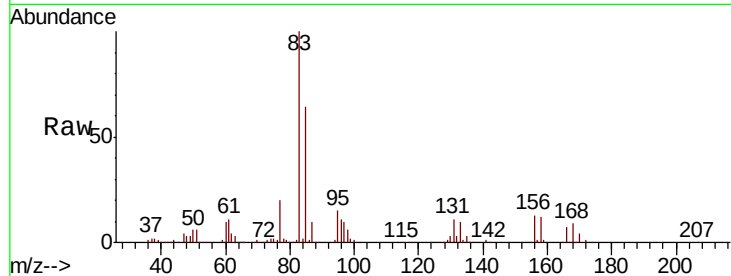
Tot Ion: 83 Resp: 208491

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

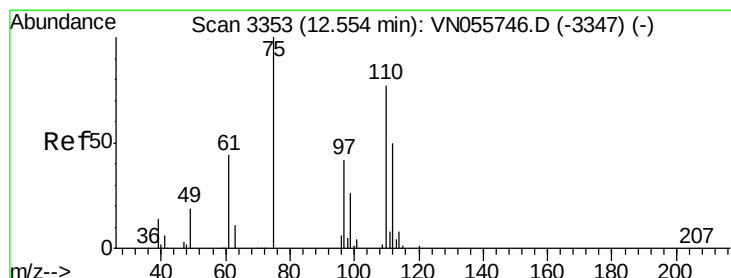
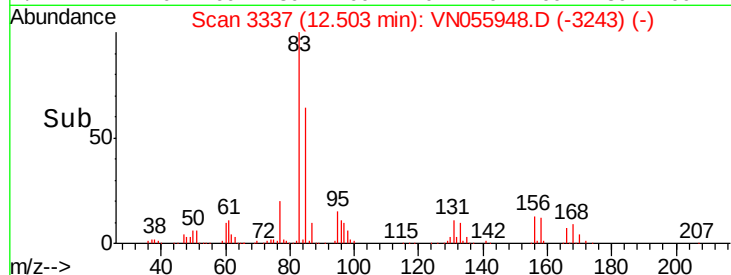
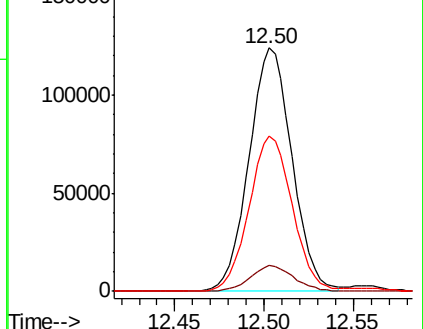
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 79.946 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055948.D

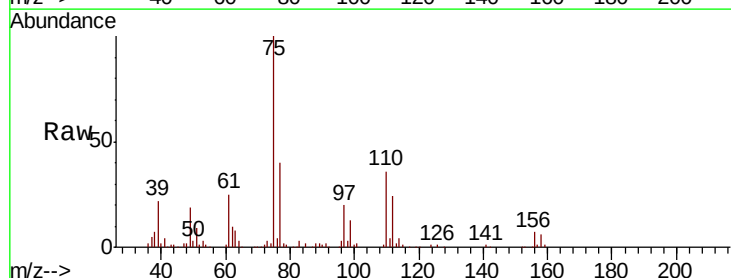
Acq: 1 Jun 2019 4:56

Tgt Ion: 75 Resp: 242523

Ion Ratio Lower Upper

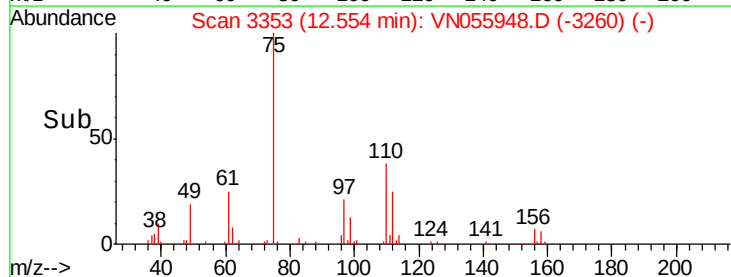
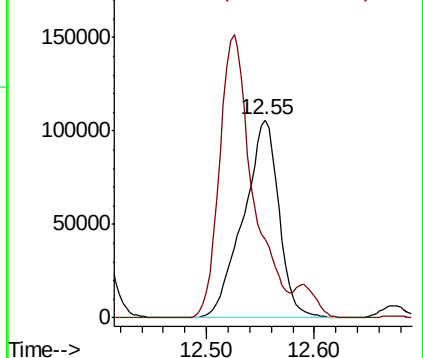
75 100

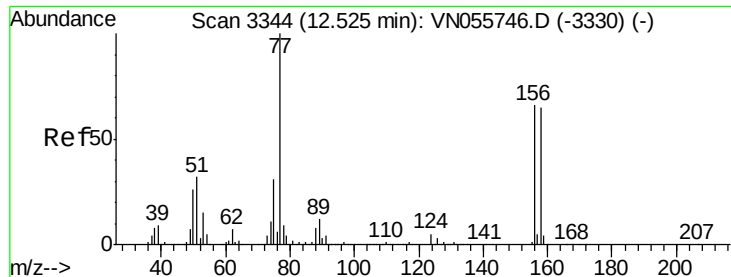
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.706 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

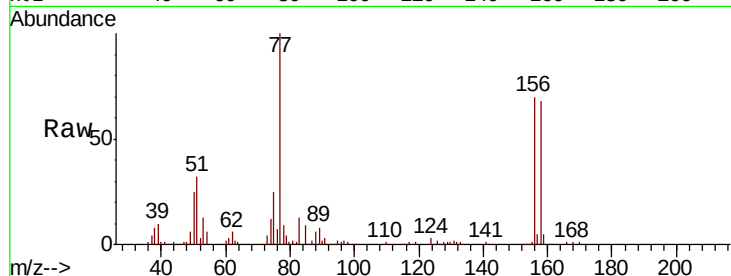
Tot Ion:156 Resp: 191384

Ion Ratio Lower Upper

156 100

77 170.8 90.8 272.5

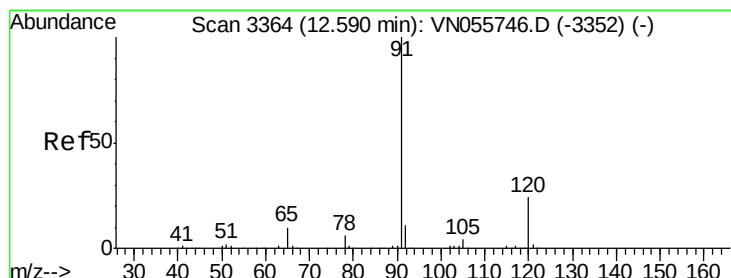
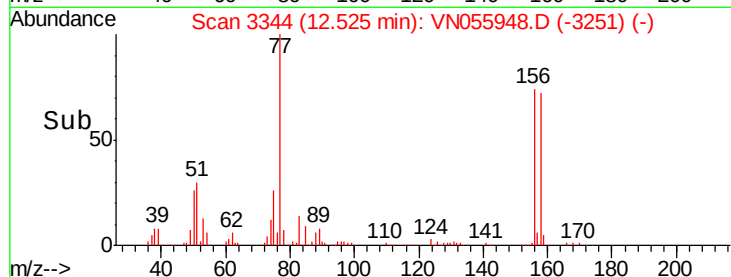
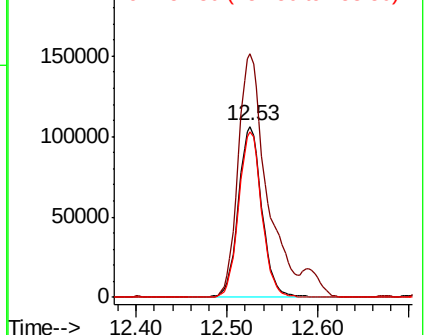
158 94.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.946 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055948.D

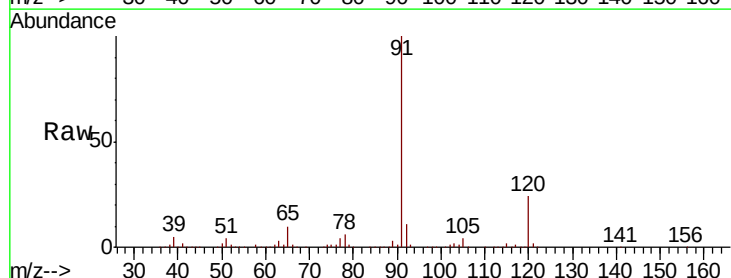
Acq: 1 Jun 2019 4:56

Tgt Ion: 91 Resp: 736210

Ion Ratio Lower Upper

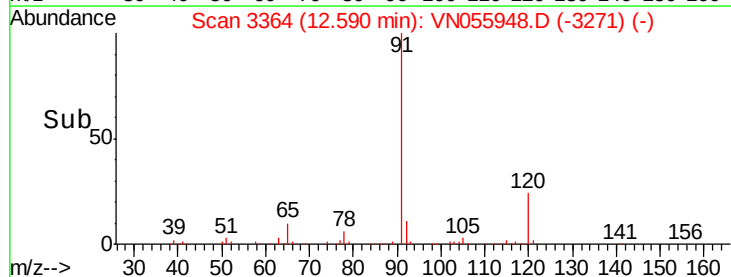
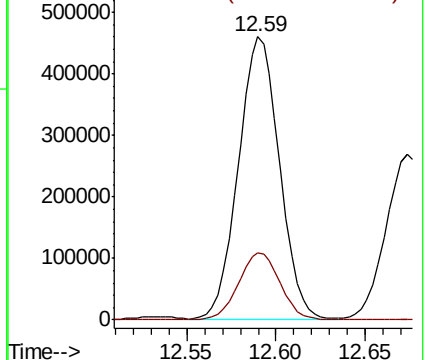
91 100

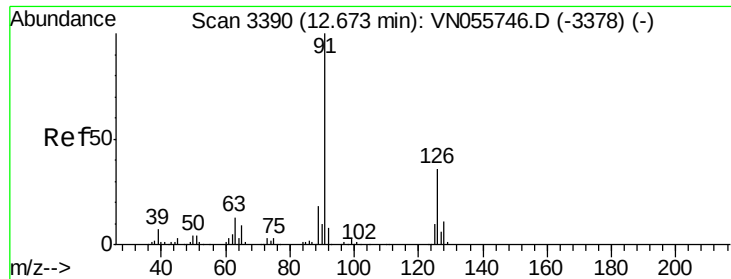
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

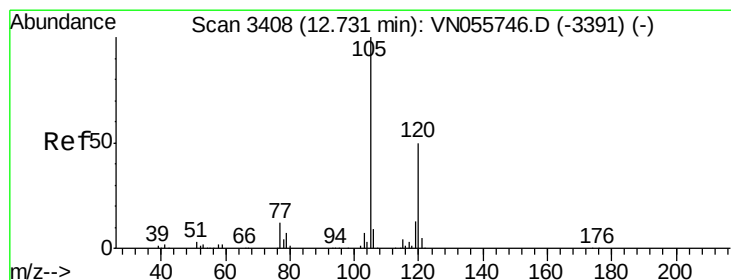
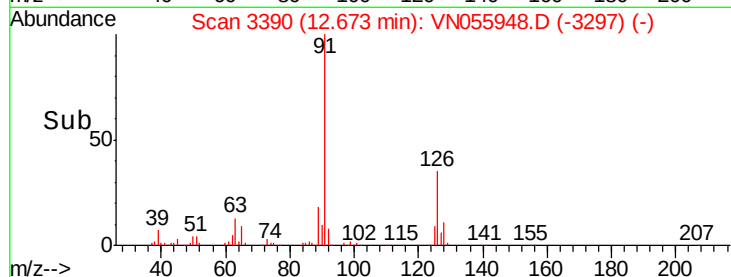
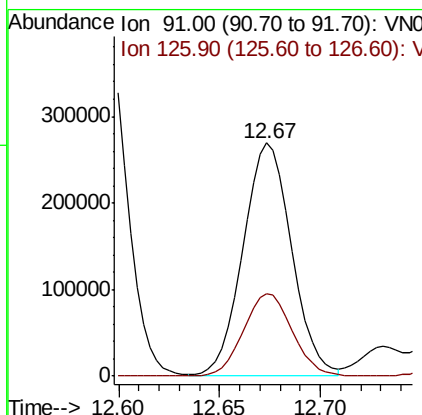
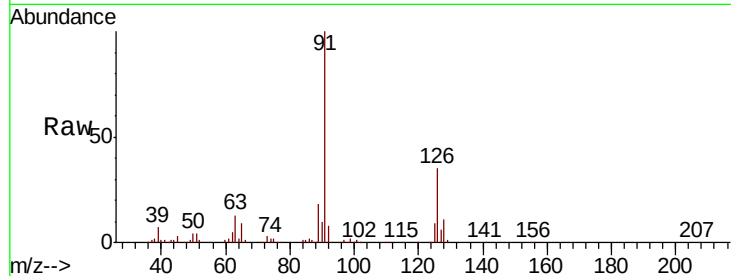




#79
 2-Chlorotoluene
 Concen: 53.506 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

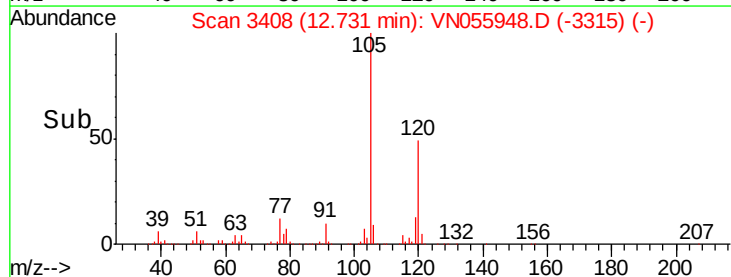
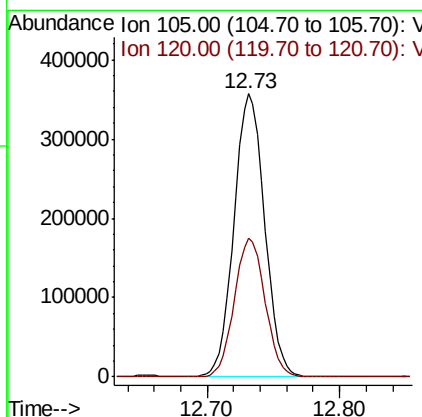
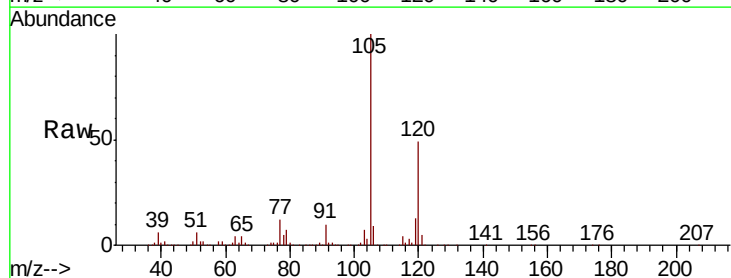
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

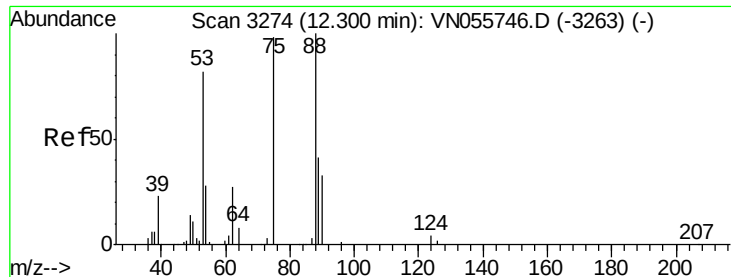
Tot Ion: 91 Resp: 450463
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 53.158 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion: 105 Resp: 572550
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 35.484 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

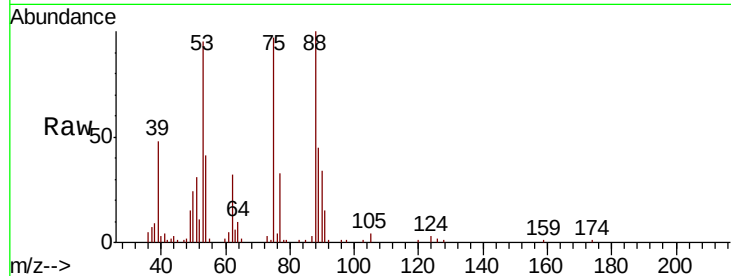
Tot Ion: 75 Resp: 47585

Ion Ratio Lower Upper

75 100

53 97.0 68.1 102.1

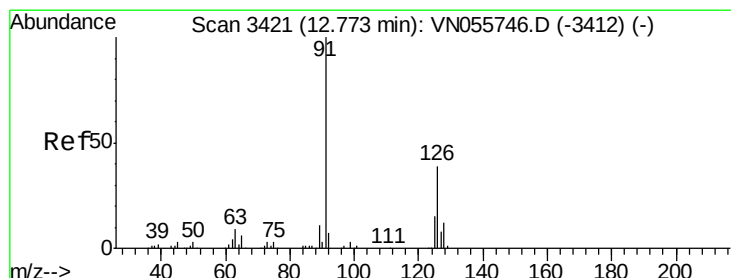
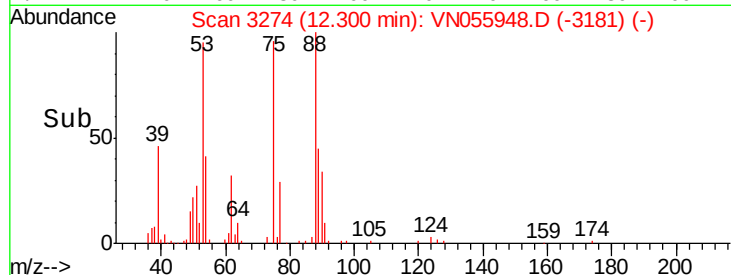
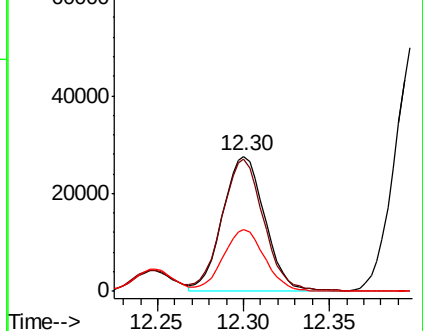
89 44.8 36.9 55.3



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: 47.132 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055948.D

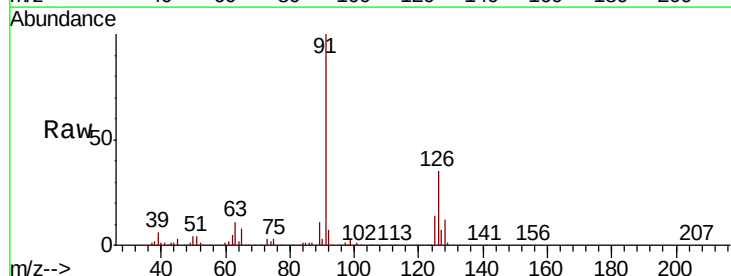
Acq: 1 Jun 2019 4:56

Tgt Ion: 91 Resp: 434479

Ion Ratio Lower Upper

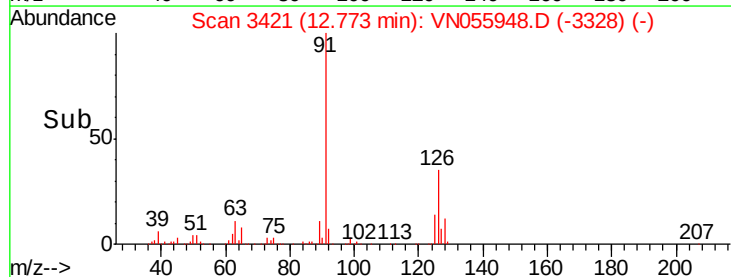
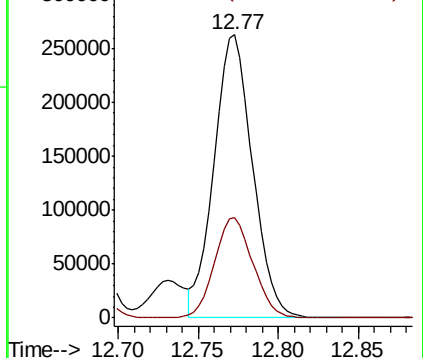
91 100

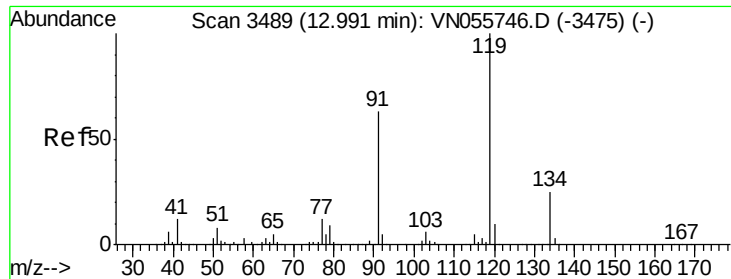
126 35.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

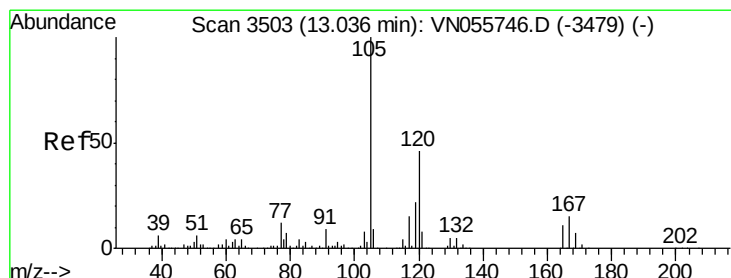
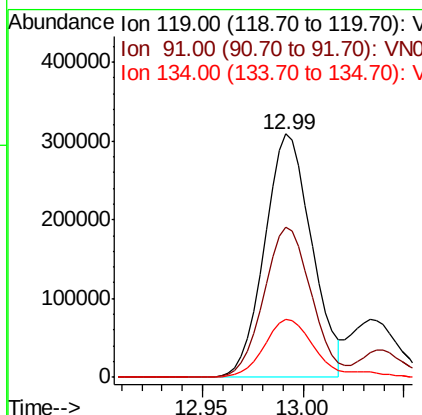
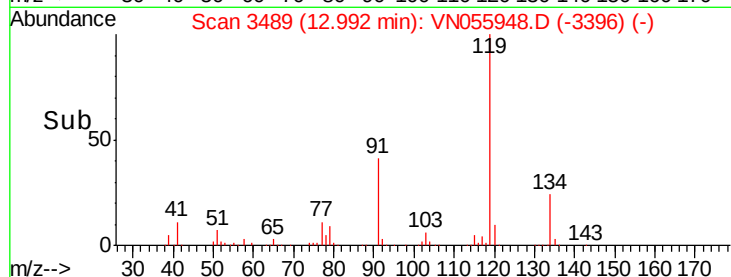
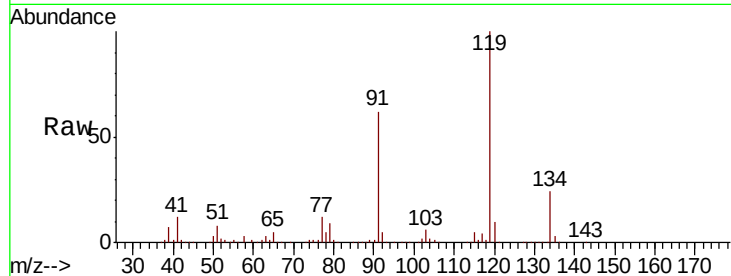




#83
 tert-Butylbenzene
 Concen: 53.932 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

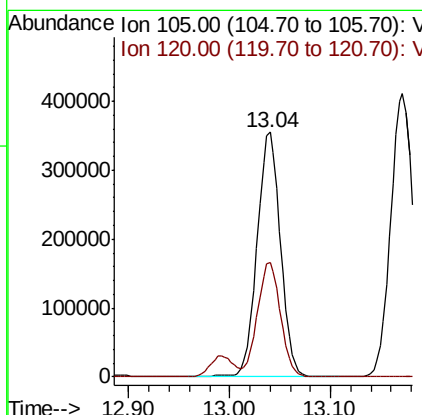
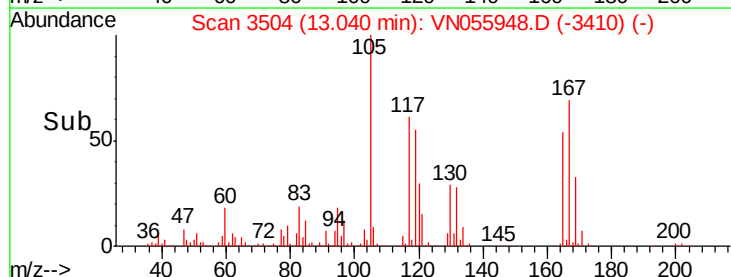
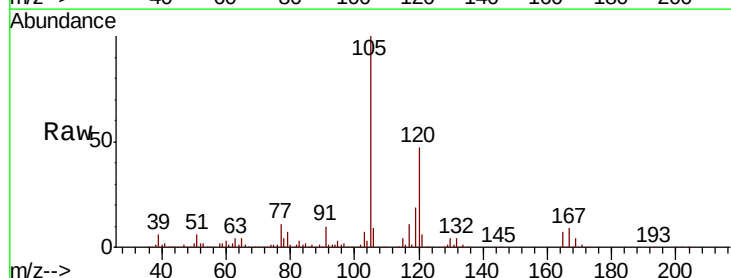
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

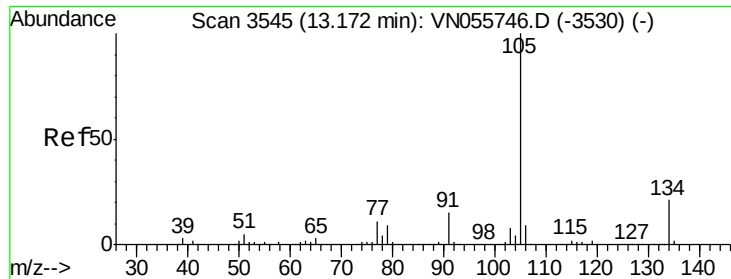
Tot Ion:119 Resp: 501427
 Ion Ratio Lower Upper
 119 100
 91 62.1 30.9 92.8
 134 26.3 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.706 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion:105 Resp: 567115
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0

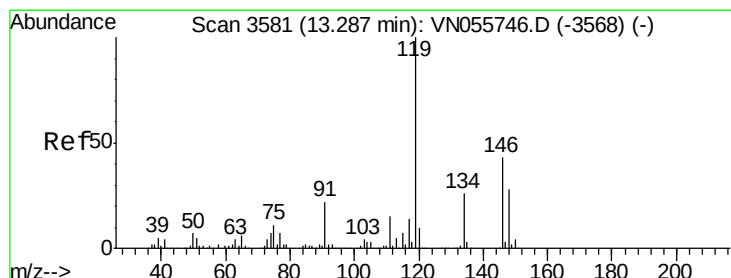
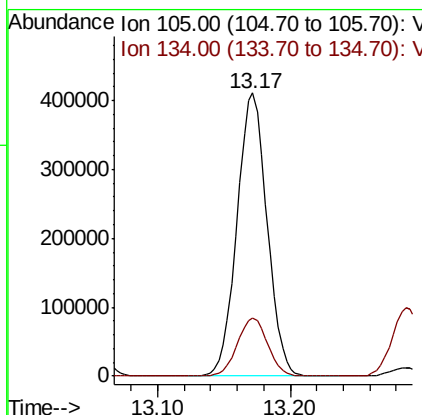
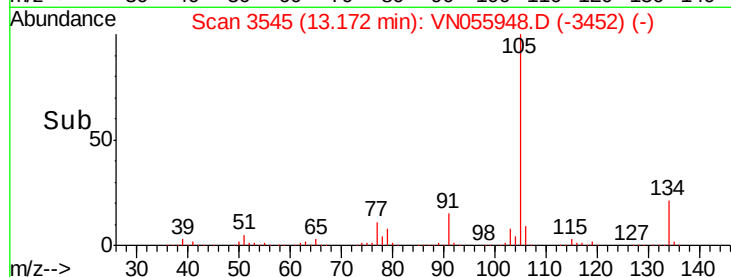
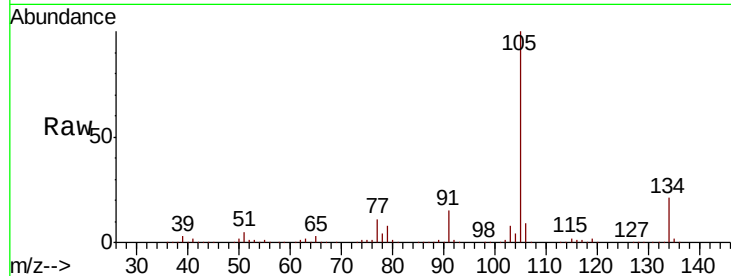




#85
 sec-Butylbenzene
 Concen: 53.375 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

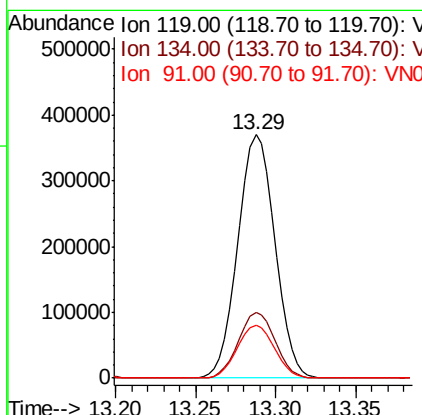
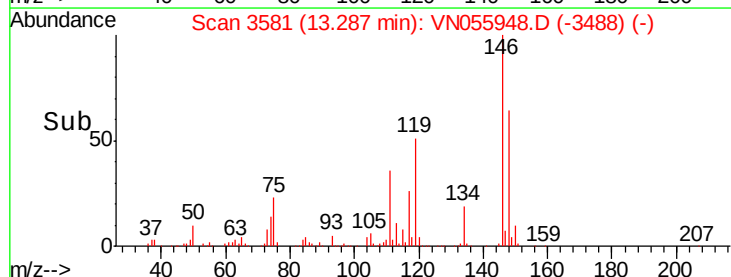
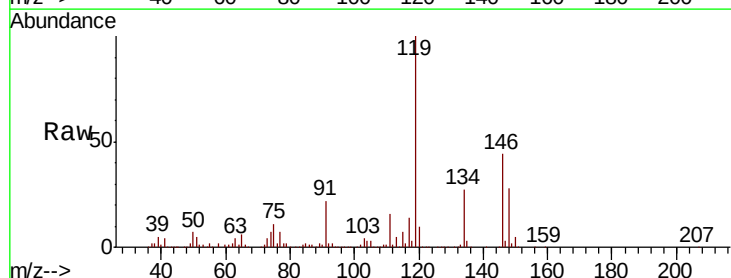
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

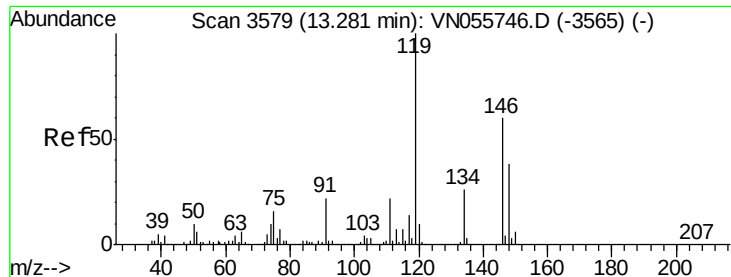
Tot Ion:105 Resp: 646375
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 46.435 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion:119 Resp: 581855
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 21.7 10.9 32.9

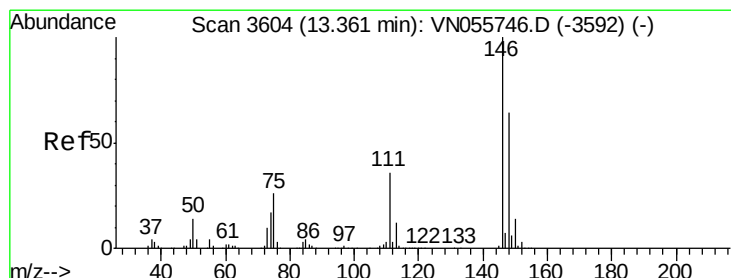
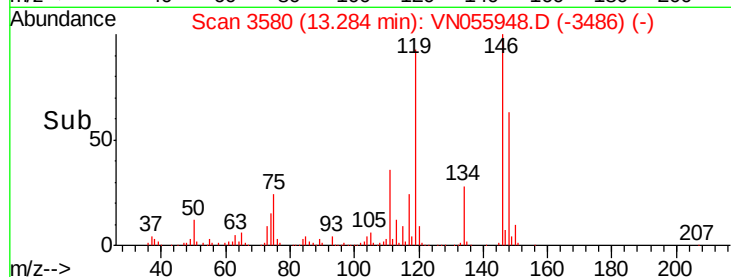
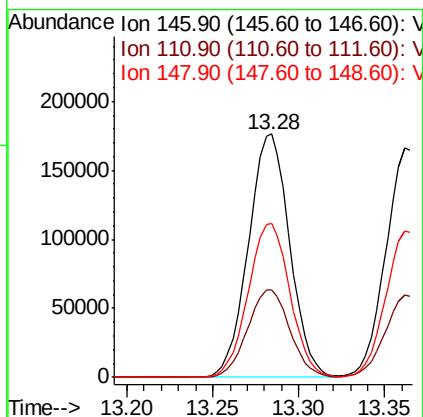
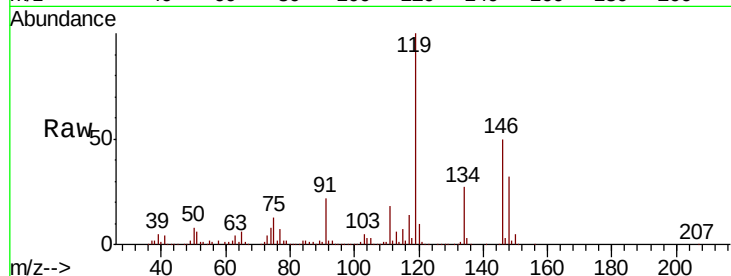




#87
 1,3-Dichlorobenzene
 Concen: 48.120 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

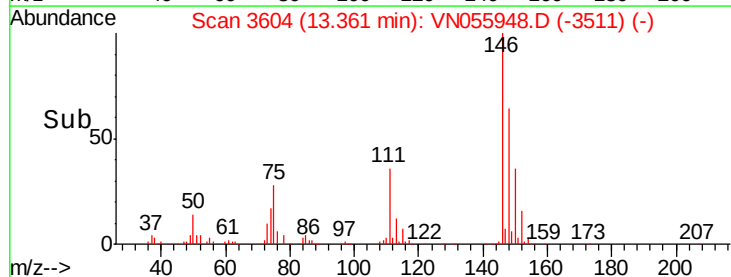
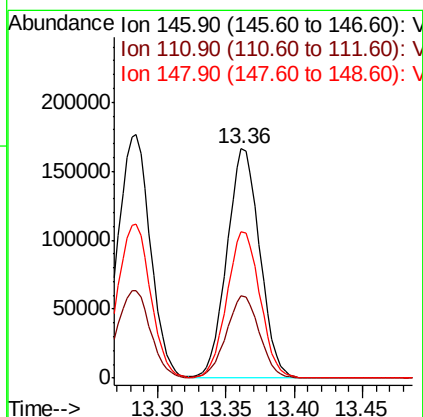
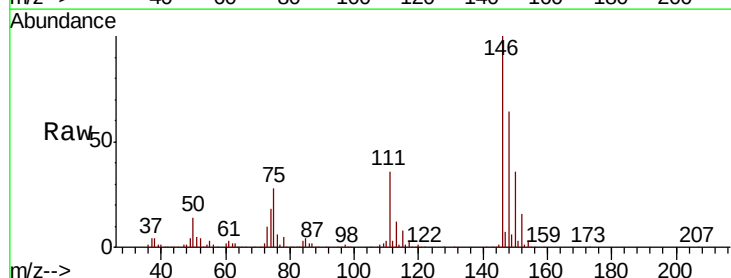
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

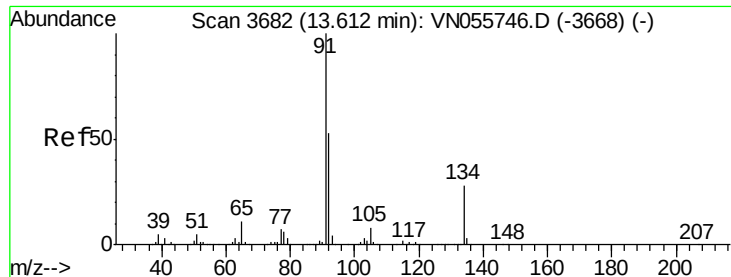
Tot Ion:146 Resp: 293374
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.201 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion:146 Resp: 279392
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.4
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 46.428 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

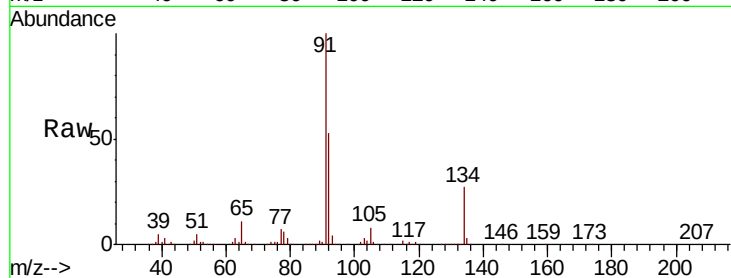
Tot Ion: 91 Resp: 445751

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 27.6 13.9 41.7

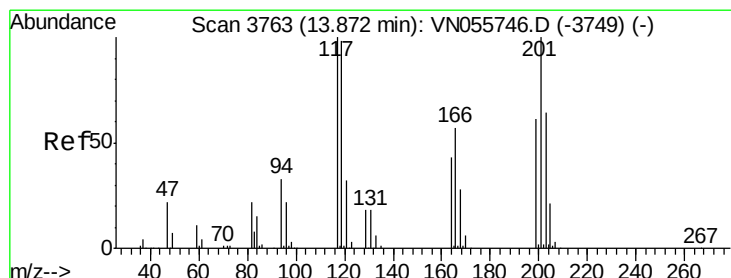
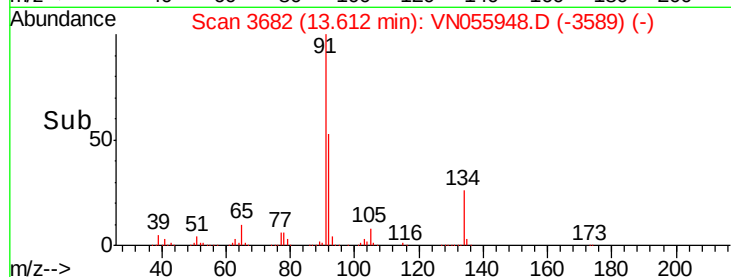
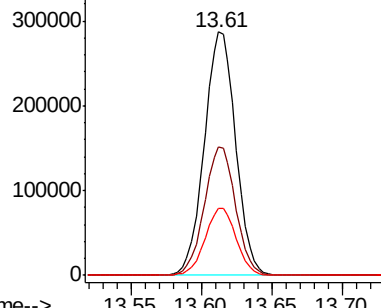


Abundance

Ion 91.00 (90.70 to 91.70): VN055746.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055746.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055746.D (-3668) (-)



#90

Hexachloroethane

Concen: 39.356 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055948.D

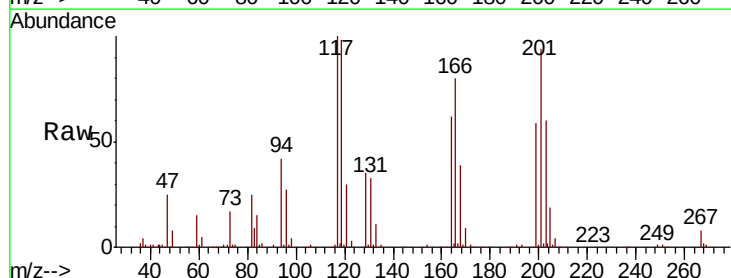
Acq: 1 Jun 2019 4:56

Tgt Ion: 117 Resp: 93865

Ion Ratio Lower Upper

117 100

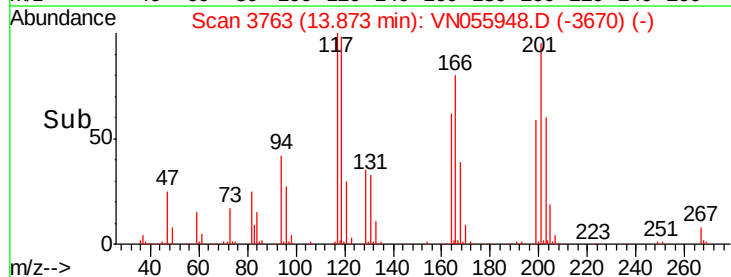
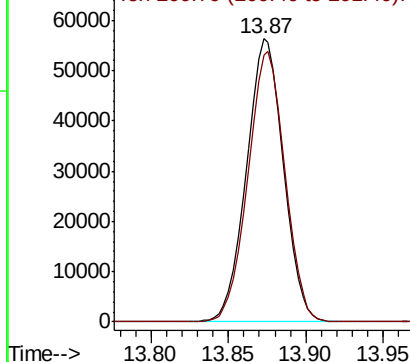
201 95.5 50.0 150.0

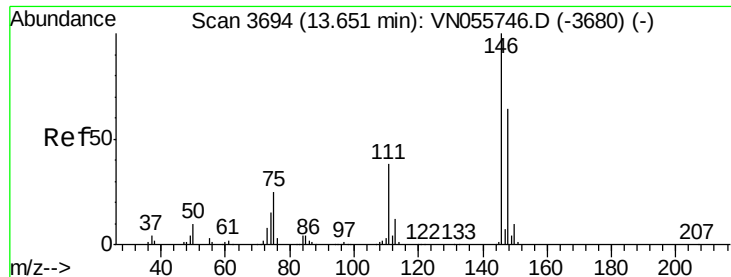


Abundance

Ion 116.80 (116.50 to 117.50): VN055746.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055746.D (-3749) (-)

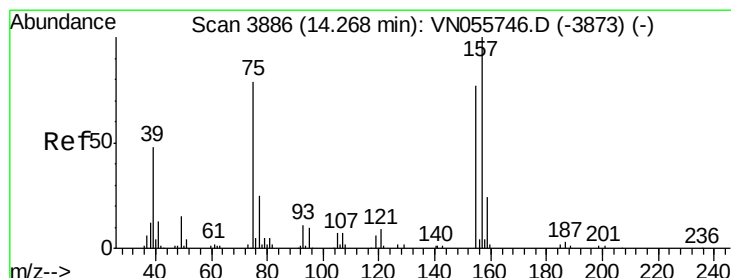
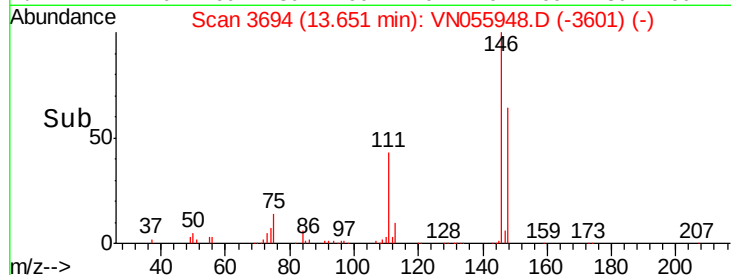
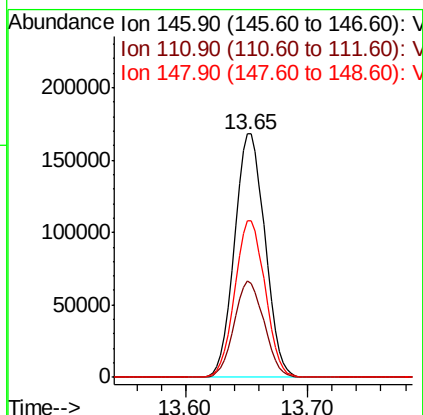
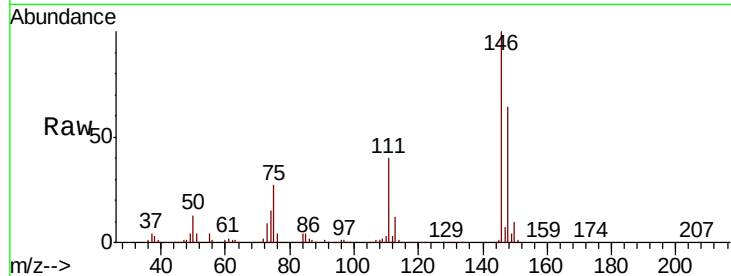




#91
 1,2-Dichlorobenzene
 Concen: 47.729 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

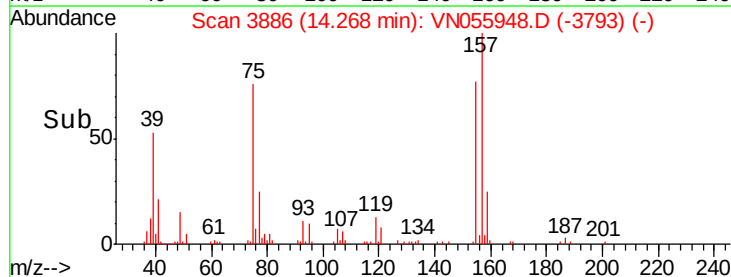
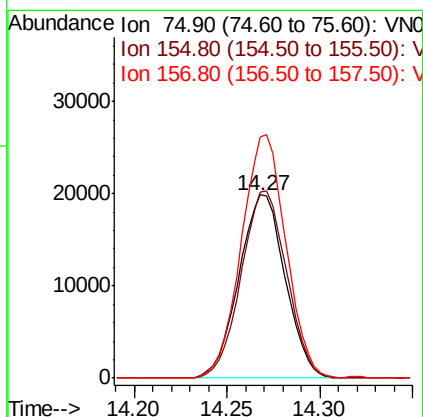
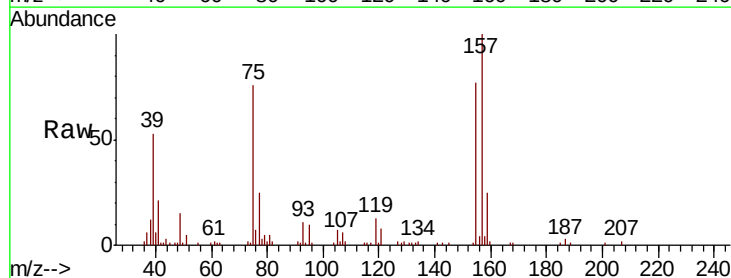
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

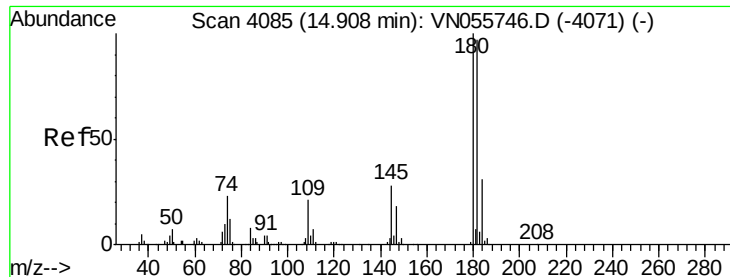
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.5
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.993 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	50.0	150.1
157	127.8	64.8	194.3

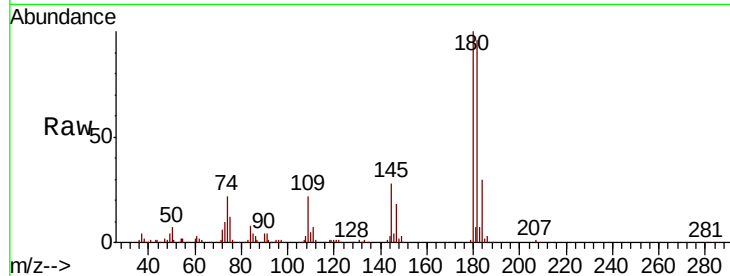




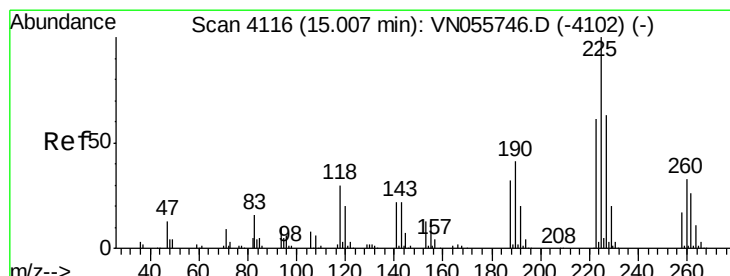
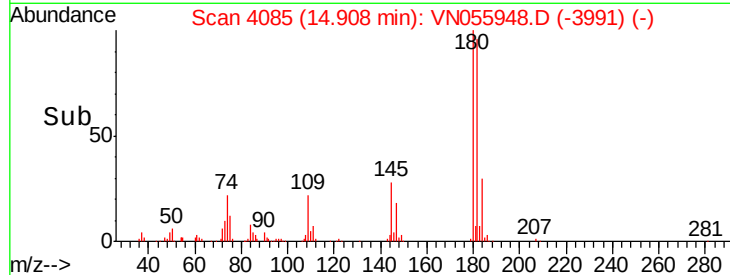
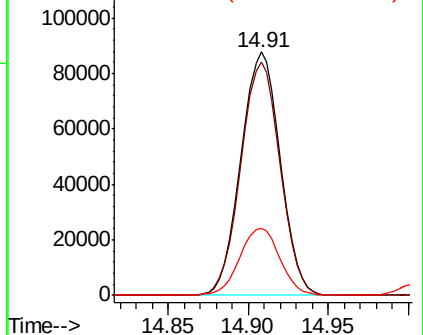
#93
 1,2,4-Trichlorobenzene
 Concen: 42.544 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 146839
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.3 144.9
 145 28.2 14.0 41.9

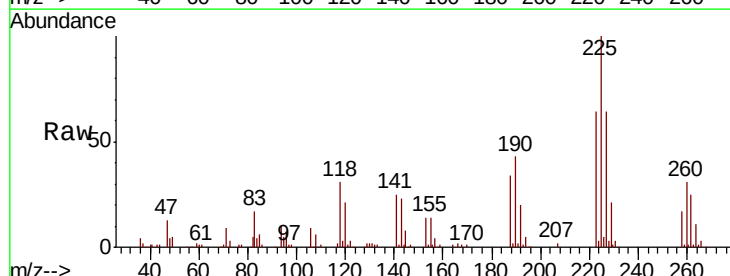


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

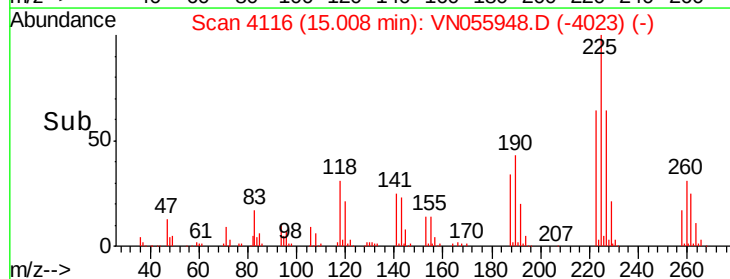
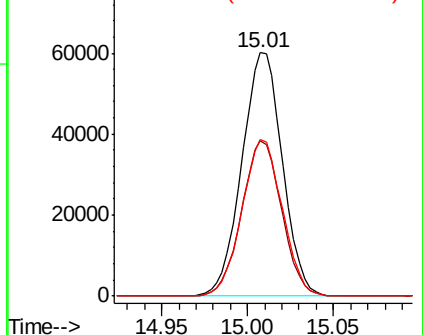


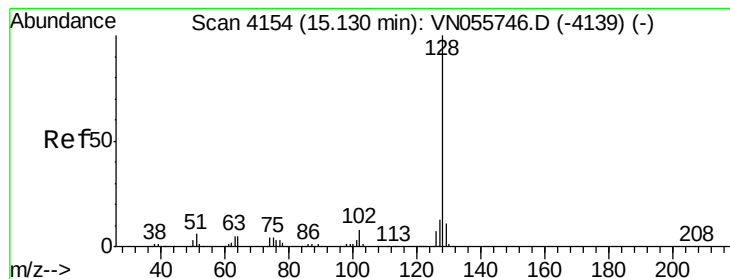
#94
 Hexachlorobutadiene
 Concen: 45.680 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055948.D
 Acq: 1 Jun 2019 4:56

Tgt Ion:225 Resp: 98122
 Ion Ratio Lower Upper
 225 100
 223 63.1 30.9 92.7
 227 63.9 31.6 94.7



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: 52.544 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

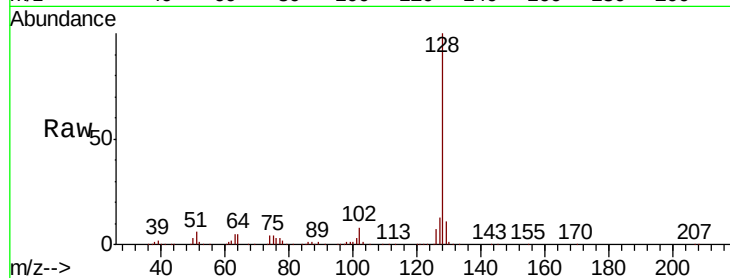
Tot Ion:128 Resp: 438568

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

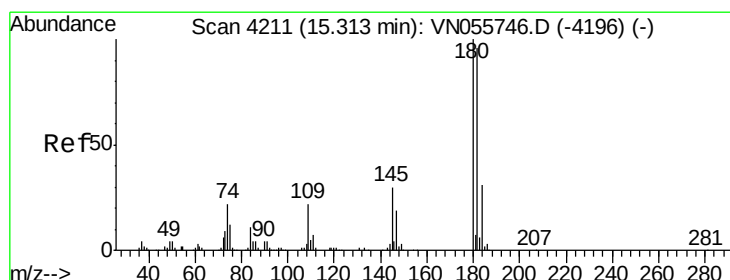
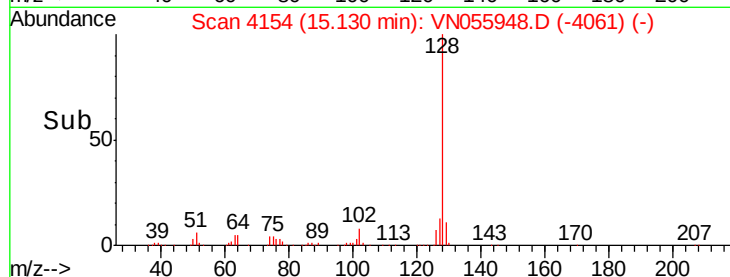
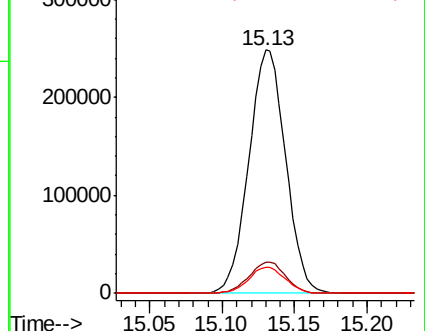
129 10.9 8.7 13.1



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: 50.717 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055948.D

Acq: 1 Jun 2019 4:56

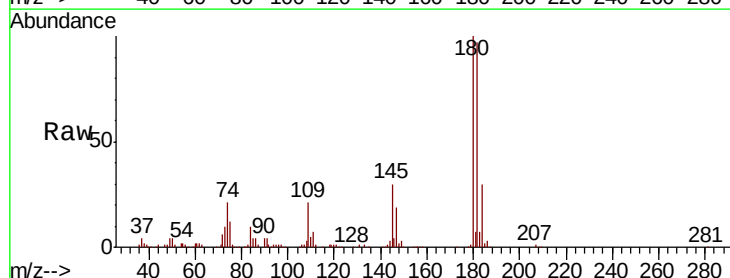
Tgt Ion:180 Resp: 163071

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.7

145 30.4 14.9 44.7



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

