

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055747.D
 Acq On : 23 May 2019 11:00
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 24 05:48:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	342841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	498395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	344638	92.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.06%	
35) Dibromofluoromethane	7.59	113	308467	97.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.20%	
50) Toluene-d8	10.09	98	1181331	98.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.20%	
62) 4-Bromofluorobenzene	12.40	95	426422	102.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	212424	82.041	ug/l 100
3) Chloromethane	2.06	50	311309	89.144	ug/l 98
4) Vinyl Chloride	2.18	62	329585	87.494	ug/l 100
5) Bromomethane	2.52	94	198708	82.390	ug/l 99
6) Chloroethane	2.67	64	190760	90.163	ug/l 99
7) Trichlorofluoromethane	3.00	101	433267	89.721	ug/l 100
8) Diethyl Ether	3.40	74	192408	97.924	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	270206	91.565	ug/l 99
10) Methyl Iodide	3.94	142	438757	102.436	ug/l 100
11) Tert butyl alcohol	4.82	59	341785	488.287	ug/l 100
12) 1,1-Dichloroethene	3.72	96	280379	90.266	ug/l 99
13) Acrolein	3.60	56	230378	572.203	ug/l 99
14) Allyl chloride	4.31	41	487560	97.097	ug/l 100
15) Acrylonitrile	4.99	53	769724	495.024	ug/l 100
16) Acetone	3.82	43	723940	470.950	ug/l 100
17) Carbon Disulfide	4.04	76	796620	92.322	ug/l 99
18) Methyl Acetate	4.32	43	310847	94.596	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	943119	92.014	ug/l 99
20) Methylene Chloride	4.54	84	319957	92.007	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	301815	91.337	ug/l 98
22) Diisopropyl ether	5.95	45	954503	95.605	ug/l 99
23) Vinyl Acetate	5.89	43	4127634	487.362	ug/l 100
24) 1,1-Dichloroethane	5.84	63	546440	93.966	ug/l 100
25) 2-Butanone	6.84	43	1059069	494.382	ug/l 100
26) 2,2-Dichloropropane	6.82	77	452737	87.904	ug/l 100
27) cis-1,2-Dichloroethene	6.82	96	357650	92.630	ug/l 99
28) Bromochloromethane	7.19	49	264091	102.849	ug/l 99
29) Tetrahydrofuran	7.21	42	664365	469.085	ug/l 100
30) Chloroform	7.37	83	547056	91.329	ug/l 100
31) Cyclohexane	7.65	56	501515	90.396	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	489400	91.263	ug/l 99
36) 1,1-Dichloropropene	7.79	75	418267	94.614	ug/l 99
37) Ethyl Acetate	6.93	43	410291	102.420	ug/l 99
38) Carbon Tetrachloride	7.77	117	438014	92.544	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	521535	97.276	ug/l	99
40) Benzene	8.04	78	1276426	97.583	ug/l	100
41) Methacrylonitrile	7.18	41	207469	119.304	ug/l	98
42) 1,2-Dichloroethane	8.12	62	415606	98.302	ug/l	100
43) Isopropyl Acetate	8.17	43	700461	100.367	ug/l	99
44) Trichloroethene	8.83	130	360950	97.881	ug/l	99
45) 1,2-Dichloropropane	9.12	63	335464	97.457	ug/l	99
46) Dibromomethane	9.21	93	221192	98.030	ug/l	99
47) Bromodichloromethane	9.40	83	450671	95.694	ug/l	99
48) Methyl methacrylate	9.20	41	332865	106.453	ug/l	98
49) 1,4-Dioxane	9.20	88	135925	2193.477	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2080570	504.511	ug/l	99
52) Toluene	10.16	92	815243	99.125	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	507656	100.345	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	550319	99.253	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	324769	96.025	ug/l	99
56) Ethyl methacrylate	10.43	69	525078	99.403	ug/l	99
57) 1,3-Dichloropropane	10.71	76	533306	99.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1026546	468.017	ug/l	100
59) 2-Hexanone	10.75	43	1504964	519.272	ug/l	100
60) Dibromochloromethane	10.90	129	392001	102.247	ug/l	99
61) 1,2-Dibromoethane	11.00	107	344924	101.842	ug/l	99
64) Tetrachloroethene	10.63	164	355526	98.984	ug/l	100
65) Chlorobenzene	11.43	112	882184	96.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	343939	93.805	ug/l	100
67) Ethyl Benzene	11.51	91	1576662	96.758	ug/l	99
68) m/p-Xylenes	11.62	106	1213479	197.172	ug/l	99
69) o-Xylene	11.95	106	592820	98.179	ug/l	100
70) Styrene	11.96	104	1017328	101.606	ug/l	100
71) Bromoform	12.13	173	316562	101.626	ug/l #	100
73) Isopropylbenzene	12.25	105	1540327	84.426	ug/l	100
74) N-amyl acetate	12.07	43	597573	95.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	460899	82.045	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	584886	127.098	ug/l #	100
77) Bromobenzene	12.53	156	424927	92.047	ug/l	99
78) n-propylbenzene	12.59	91	1723605	87.163	ug/l	100
79) 2-Chlorotoluene	12.67	91	1026961	85.252	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1312800	85.674	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	157640	90.032	ug/l	98
82) 4-Chlorotoluene	12.77	91	1035882	88.852	ug/l	100
83) tert-Butylbenzene	12.99	119	1128598	83.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1314753	87.120	ug/l	100
85) sec-Butylbenzene	13.17	105	1478203	86.583	ug/l	100
86) p-Isopropyltoluene	13.29	119	1383129	88.141	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	718147	94.684	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	699902	97.019	ug/l	100
89) n-Butylbenzene	13.61	91	1138974	93.430	ug/l	100
90) Hexachloroethane	13.87	117	259118	86.504	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	696964	92.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	89769	89.815	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
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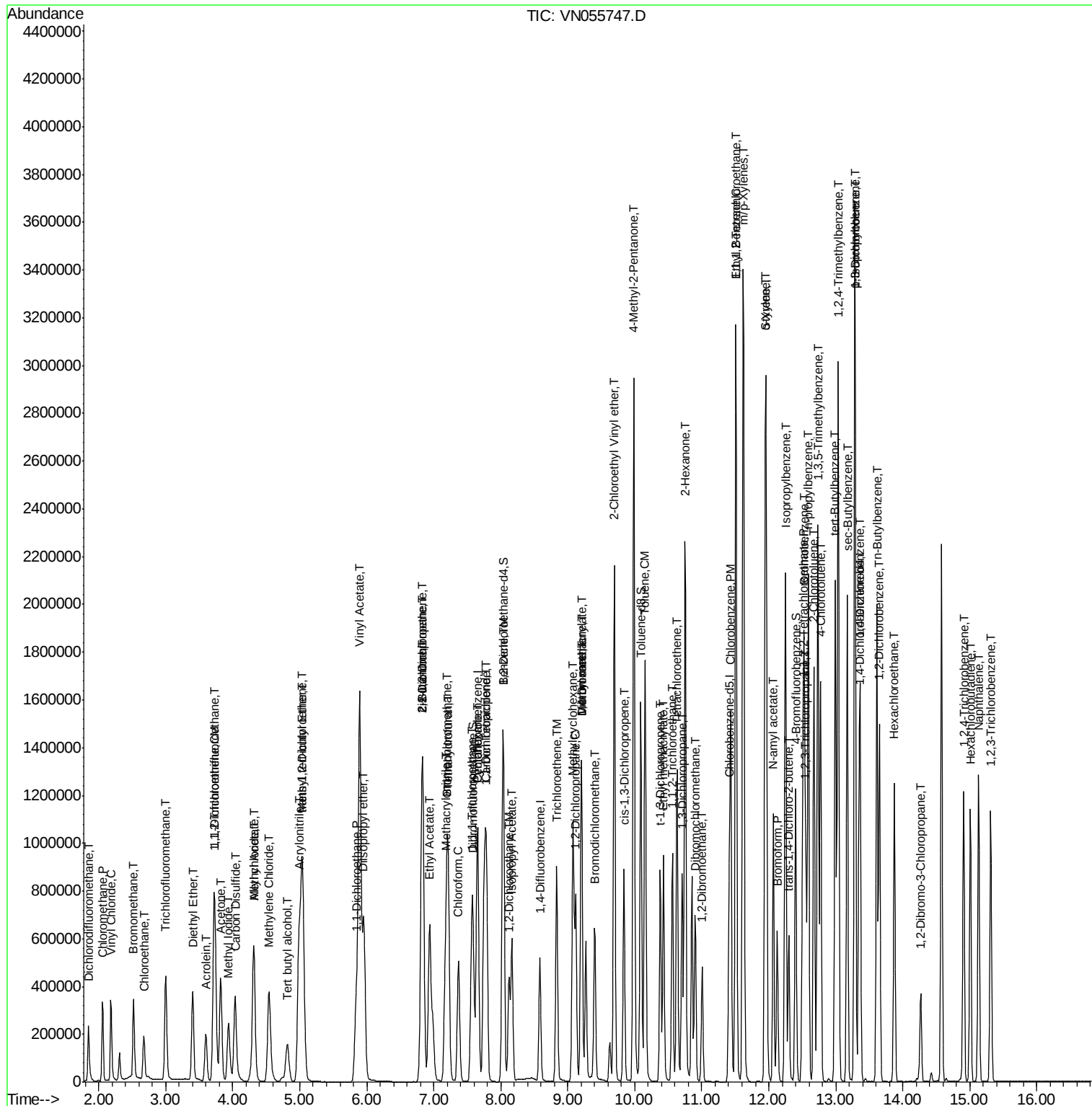
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	436079	114.998	ug/l	100
94) Hexachlorobutadiene	15.01	225	259222	96.378	ug/l	98
95) Naphthalene	15.13	128	1162390	113.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	436313	109.080	ug/l	100

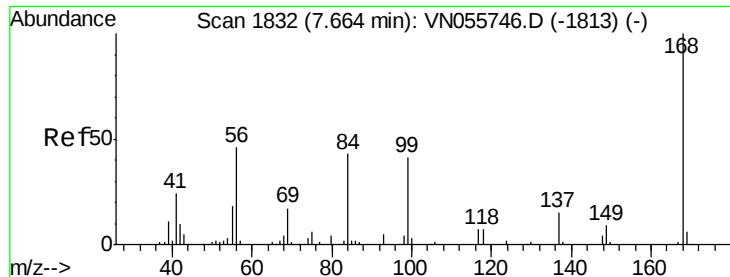
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055747.D
 Acq On : 23 May 2019 11:00
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

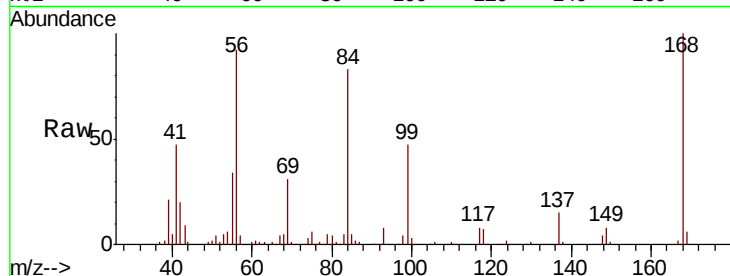
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 342841

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

100000

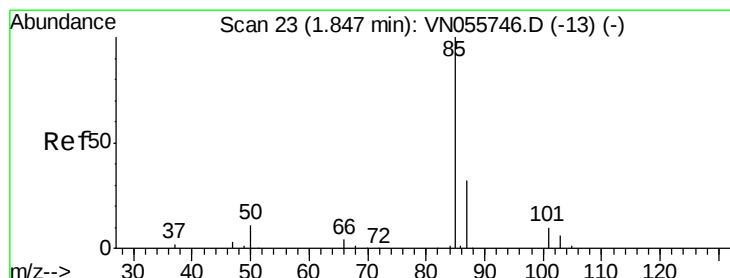
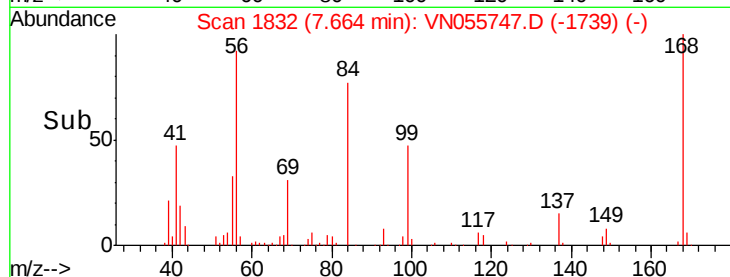
50000

0

7.66

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 82.041 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055747.D

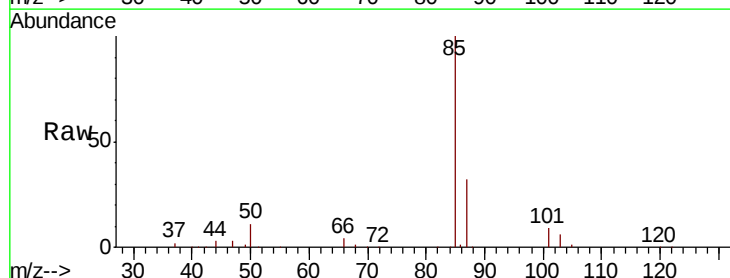
Acq: 23 May 2019 11:00

Tgt Ion: 85 Resp: 212424

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

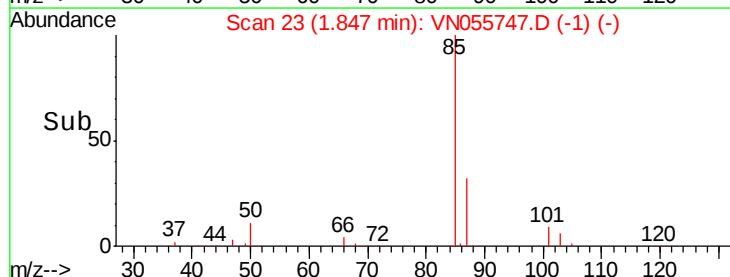
50000

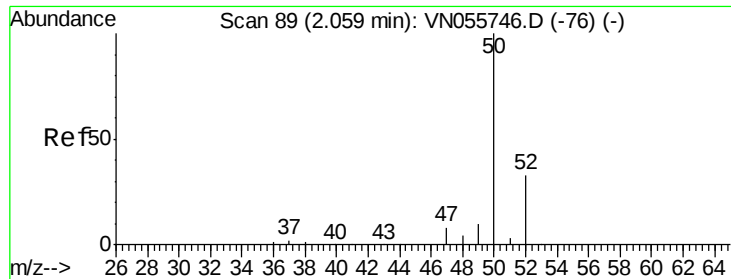
0

1.85

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 89.144 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

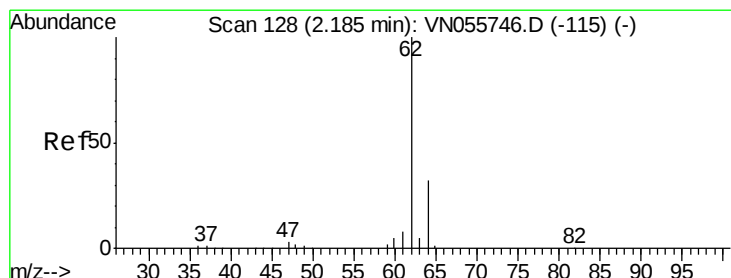
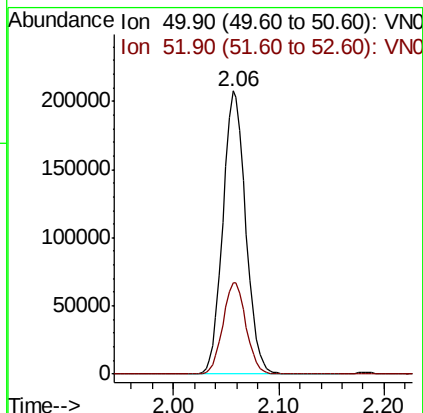
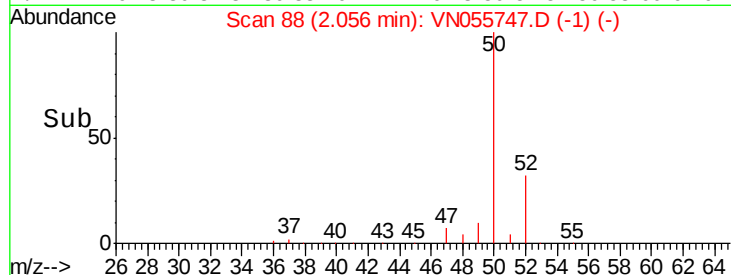
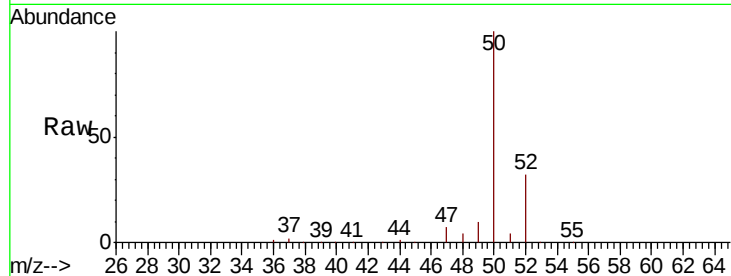
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 311309

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



#4

Vinyl Chloride

Concen: 87.494 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055747.D

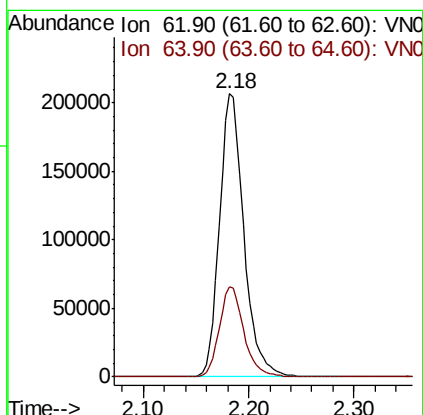
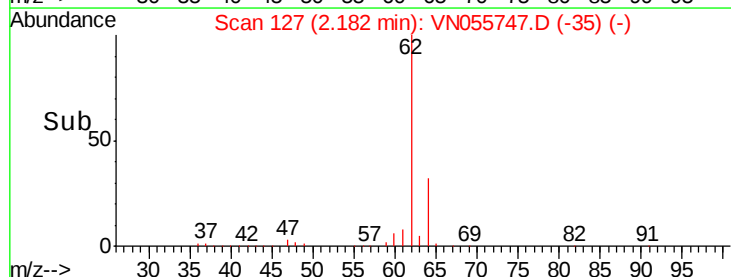
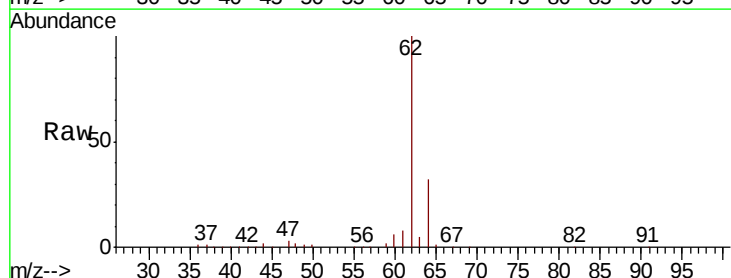
Acq: 23 May 2019 11:00

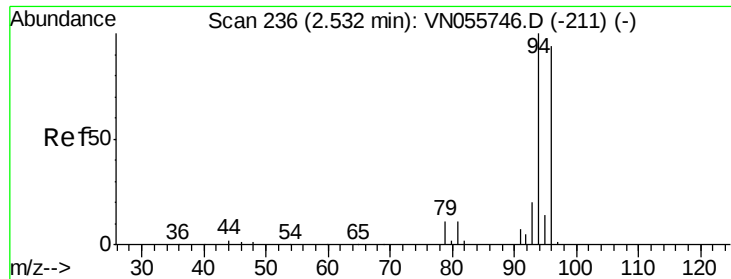
Tgt Ion: 62 Resp: 329585

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 82.390 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

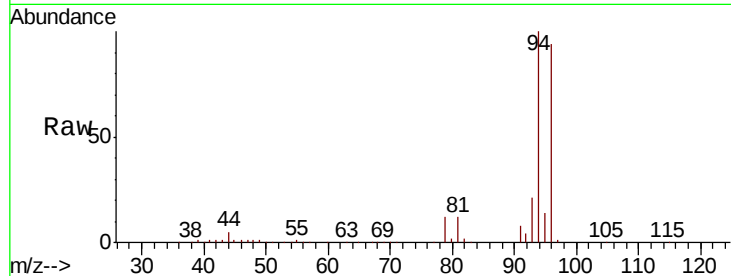
ClientSampleId :

Tot Ion: 94 Resp: 198708

Ion Ratio Lower Upper

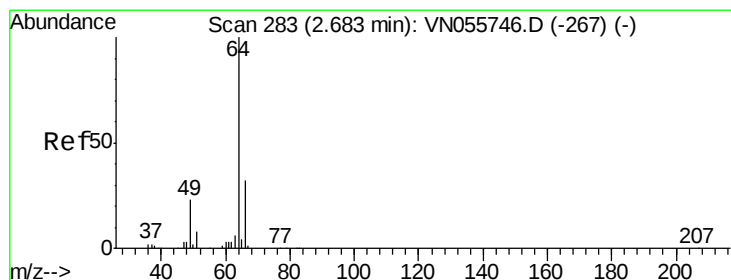
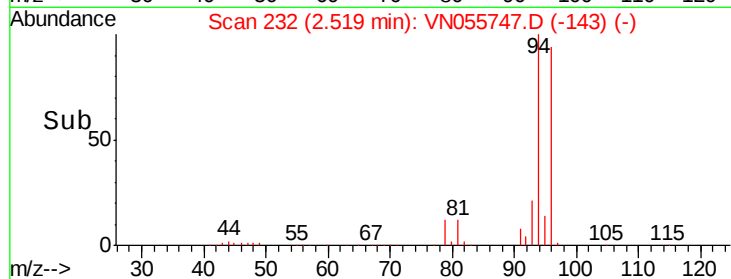
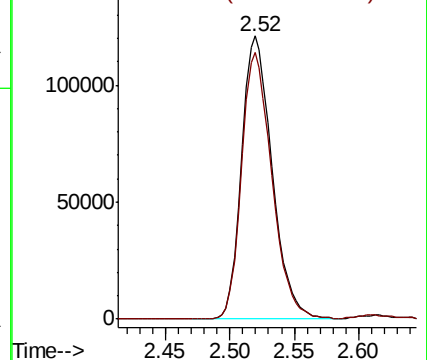
94 100

96 93.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 90.163 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN055747.D

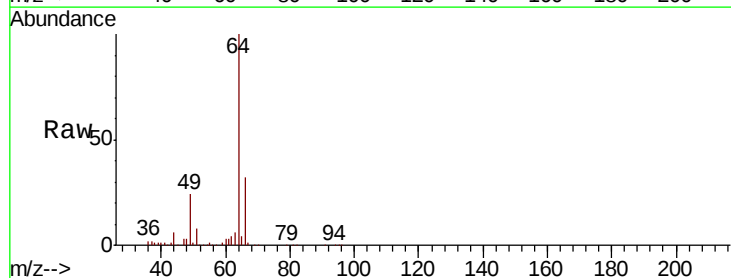
Acq: 23 May 2019 11:00

Tgt Ion: 64 Resp: 190760

Ion Ratio Lower Upper

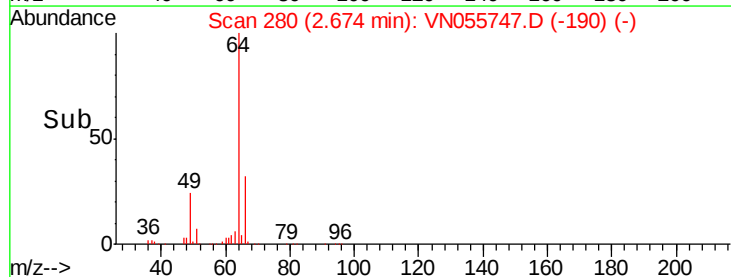
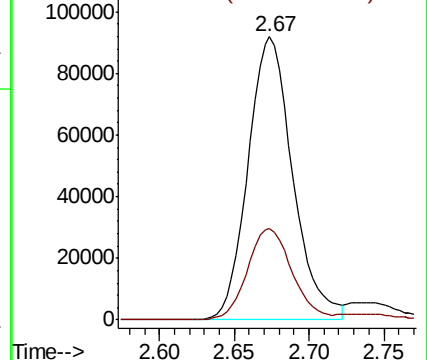
64 100

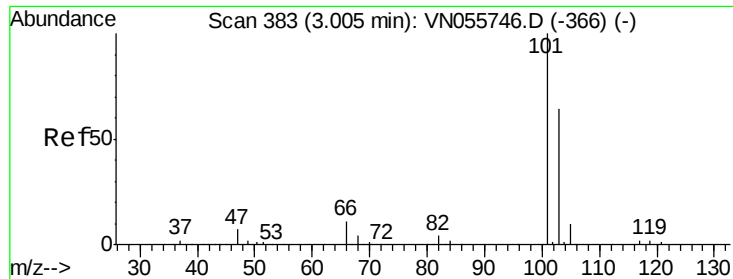
66 32.3 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



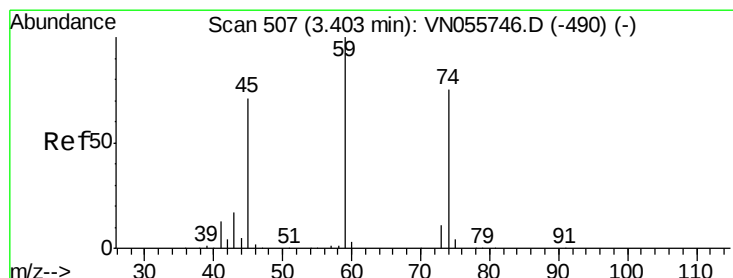
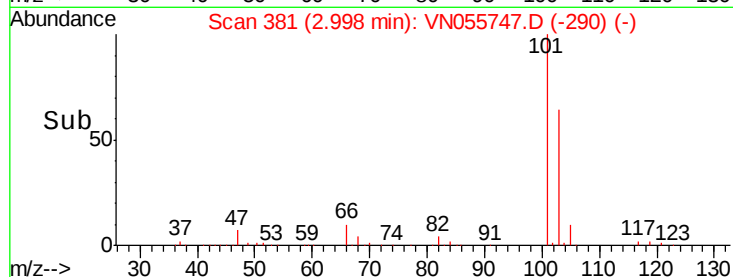
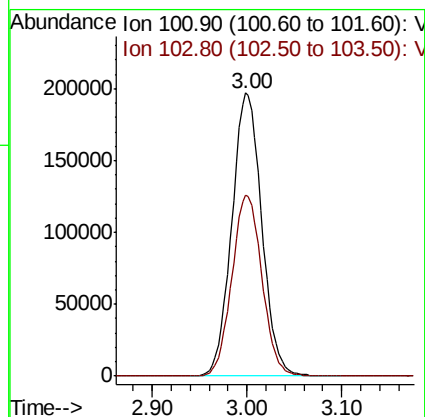
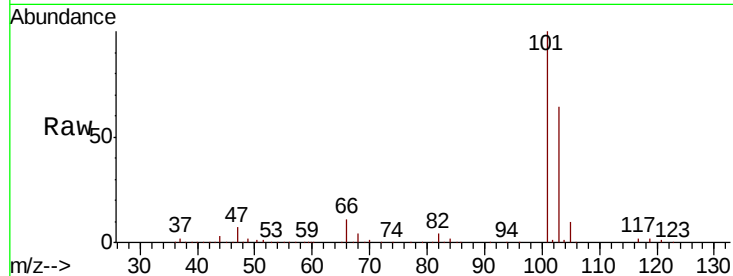


#7

Trichlorofluoromethane
Concen: 89.721 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Instrument :
MSVOA_N
ClientSampled :

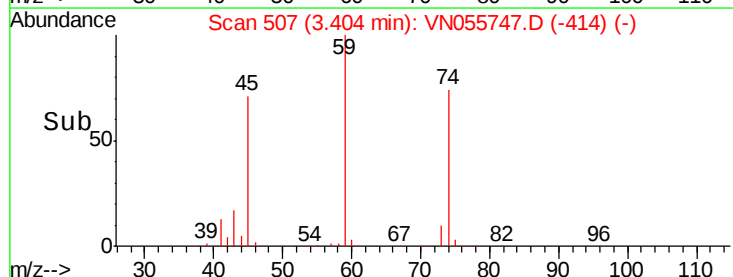
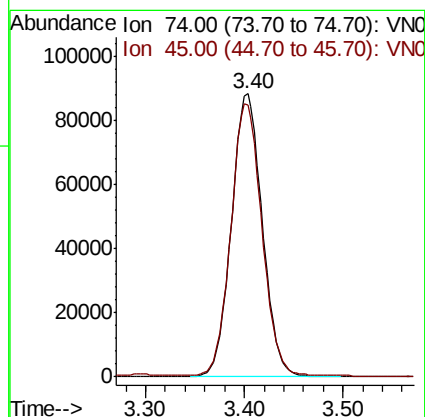
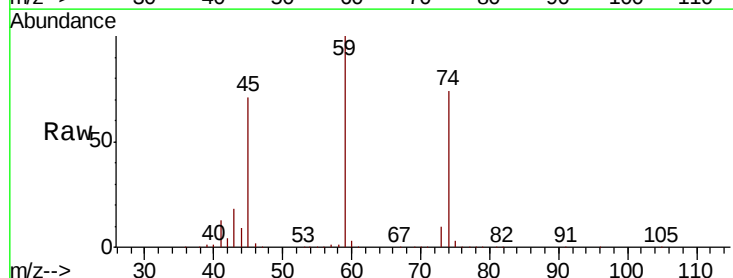
Tot Ion:101 Resp: 433267
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8

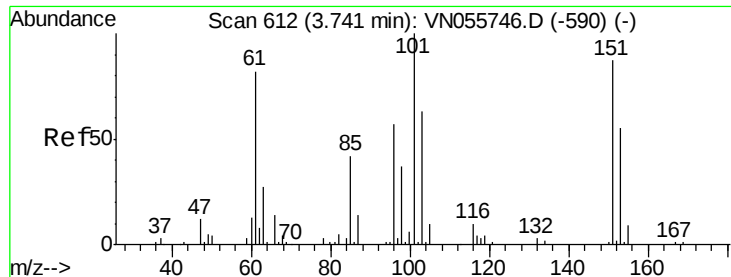


#8

Diethyl Ether
Concen: 97.924 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 74 Resp: 192408
Ion Ratio Lower Upper
74 100
45 96.4 48.6 145.9

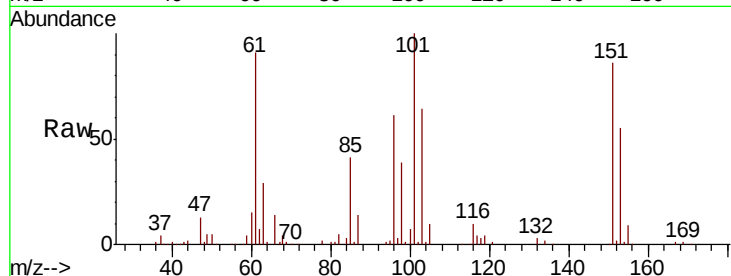




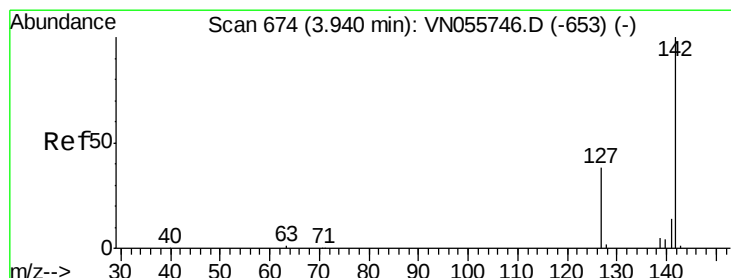
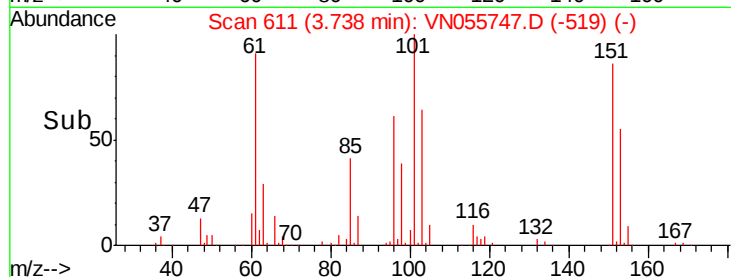
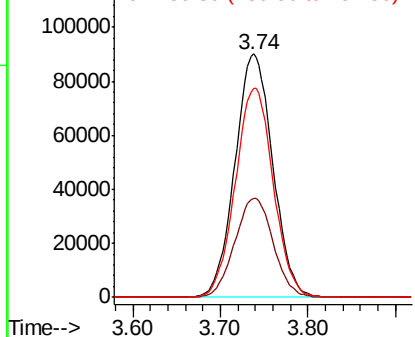
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 91.565 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 270206
 Ion Ratio Lower Upper
 101 100
 85 41.3 33.4 50.2
 151 86.2 69.4 104.2

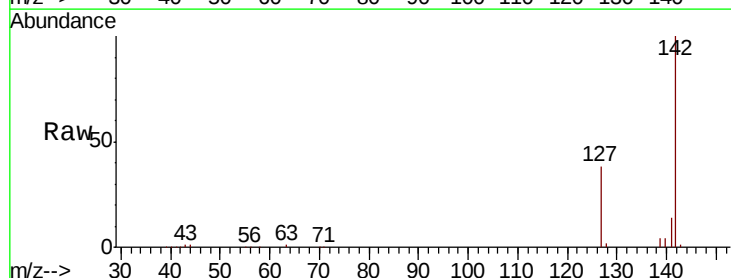


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

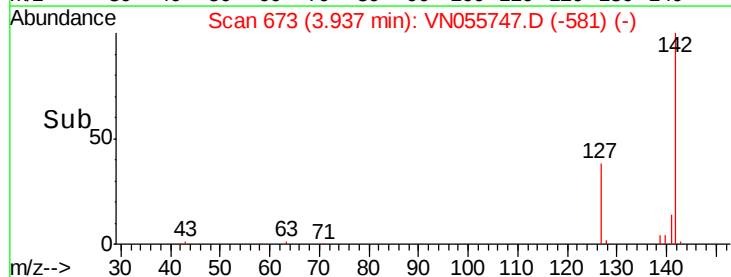
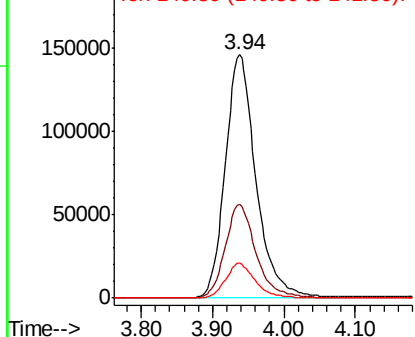


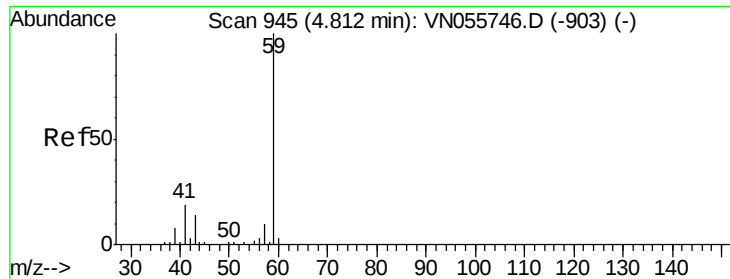
#10
 Methyl Iodide
 Concen: 102.436 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion:142 Resp: 438757
 Ion Ratio Lower Upper
 142 100
 127 38.5 31.0 46.4
 141 13.9 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

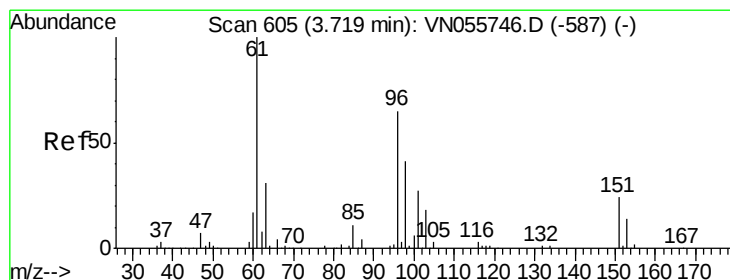
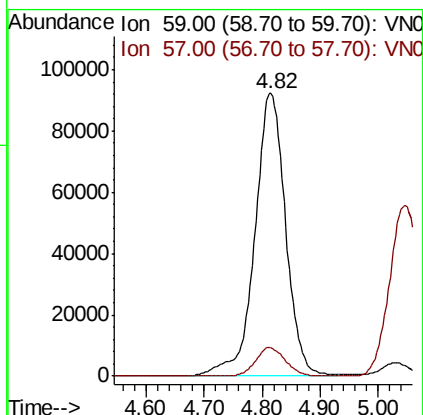
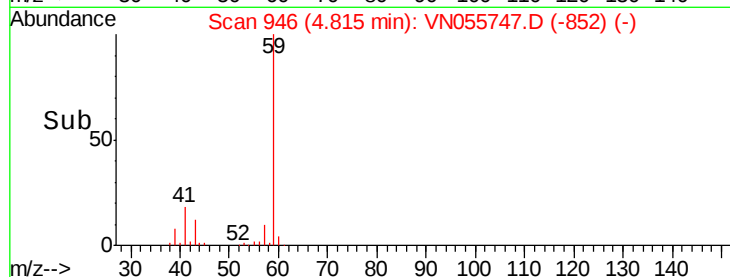
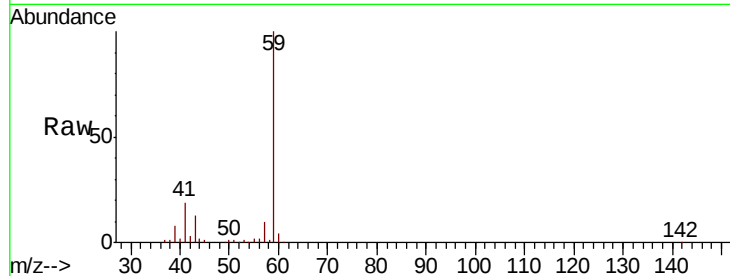




#11
Tert butyl alcohol
Concen: 488.287 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

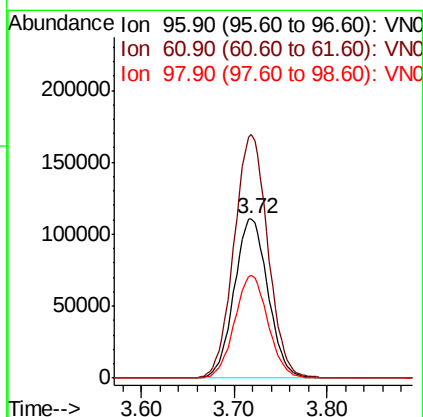
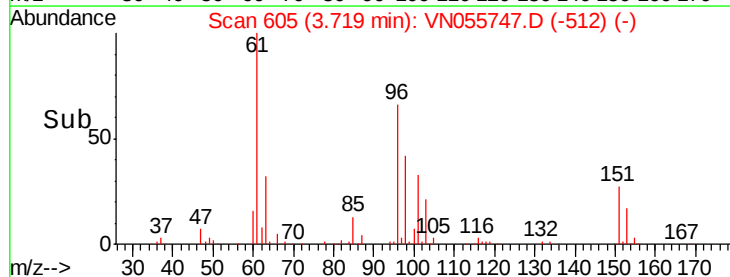
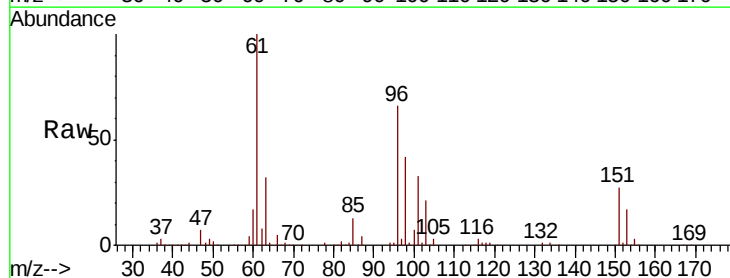
Instrument :
MSVOA_N
ClientSampled :

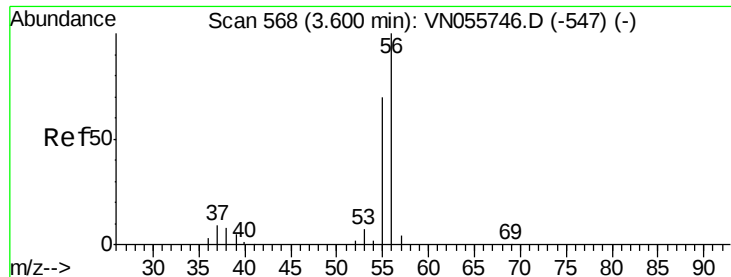
Tot Ion: 59 Resp: 341785
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 90.266 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 96 Resp: 280379
Ion Ratio Lower Upper
96 100
61 152.5 123.2 184.8
98 64.6 50.4 75.6





#13

Acrolein

Concen: 572.203 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

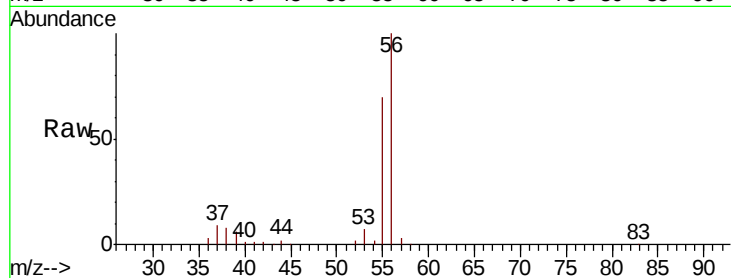
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 230378

Ion Ratio Lower Upper

56 100

55 70.5 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

100000

80000

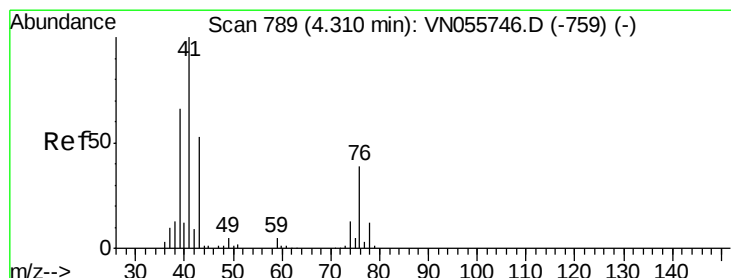
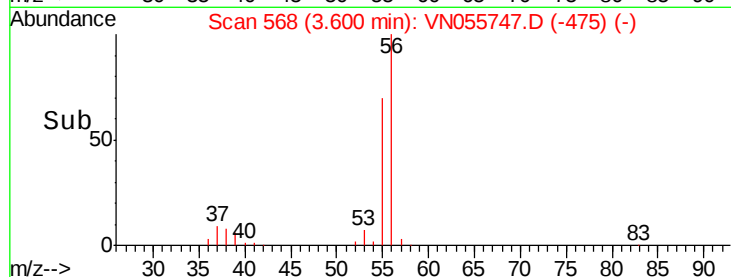
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 97.097 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

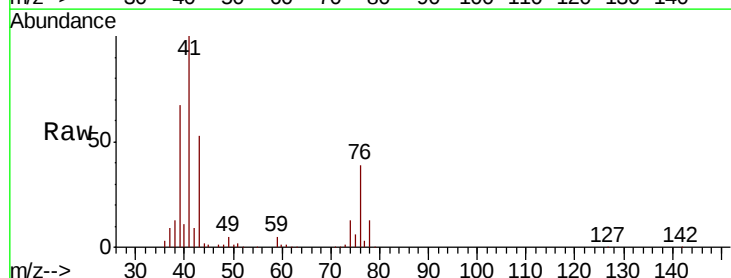
Tgt Ion: 41 Resp: 487560

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 35.2 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

200000

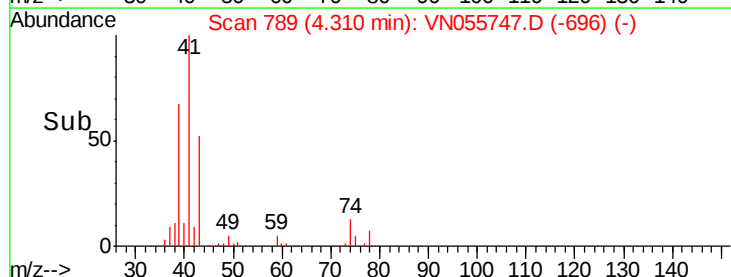
150000

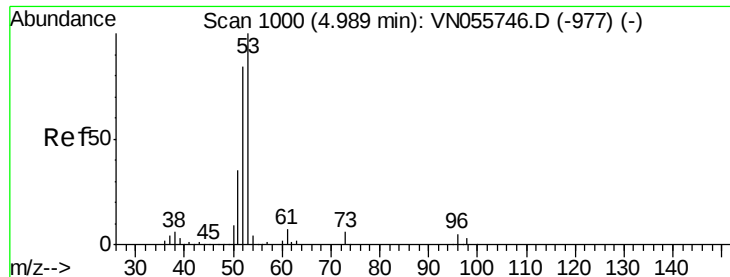
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 495.024 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

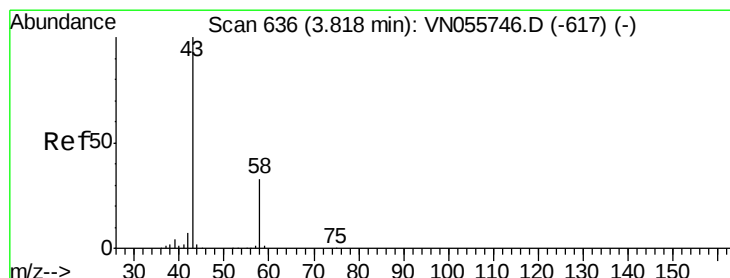
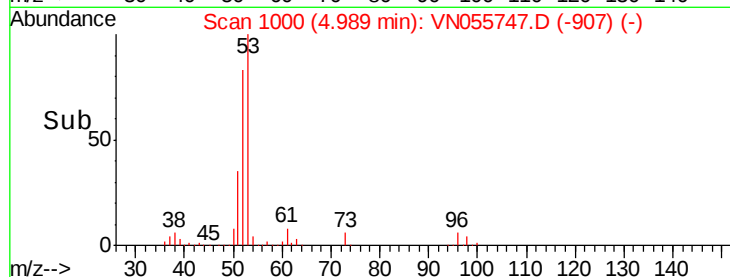
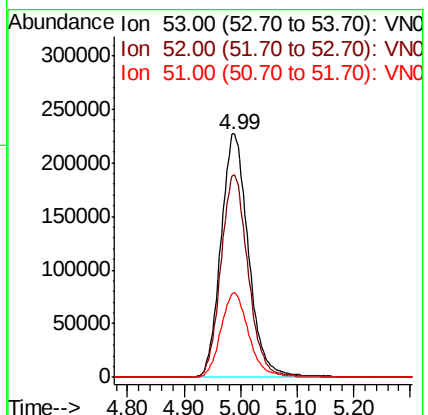
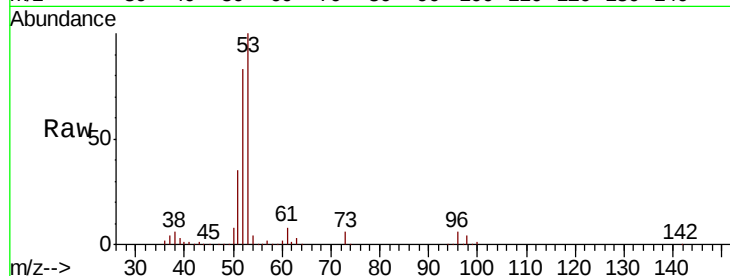
Tot Ion: 53 Resp: 769724

Ion Ratio Lower Upper

53 100

52 82.2 65.8 98.8

51 35.2 28.2 42.4



#16

Acetone

Concen: 470.950 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055747.D

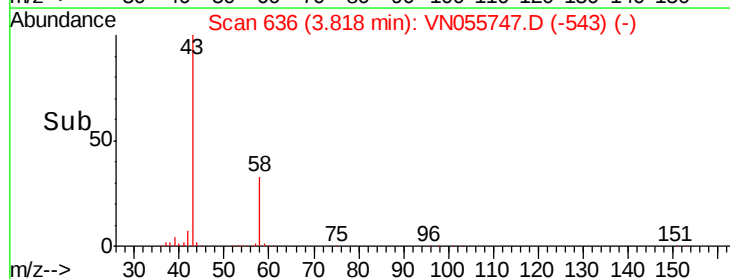
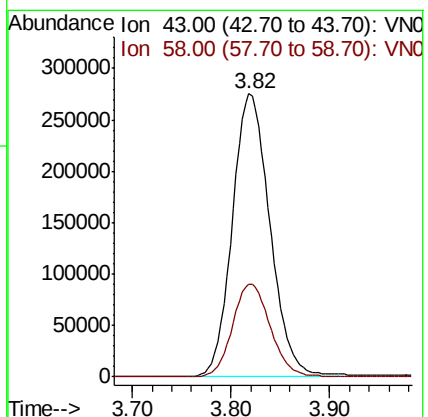
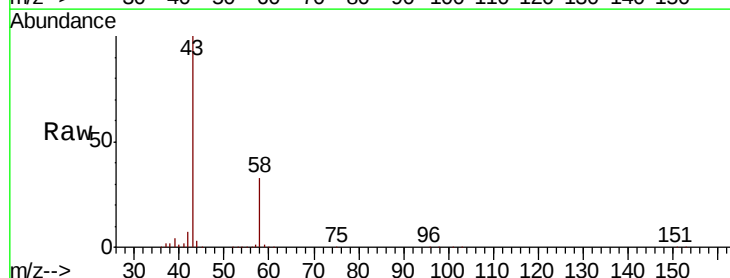
Acq: 23 May 2019 11:00

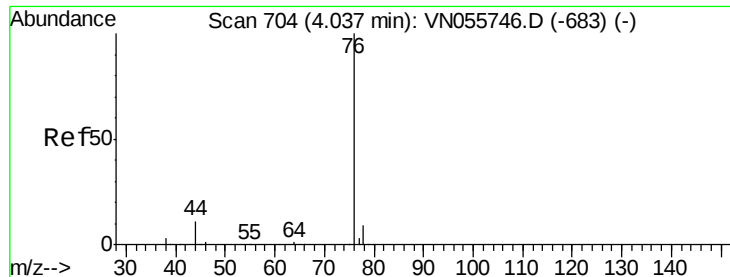
Tgt Ion: 43 Resp: 723940

Ion Ratio Lower Upper

43 100

58 33.0 26.6 39.8

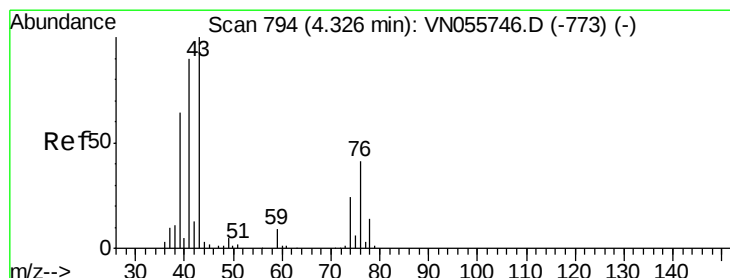
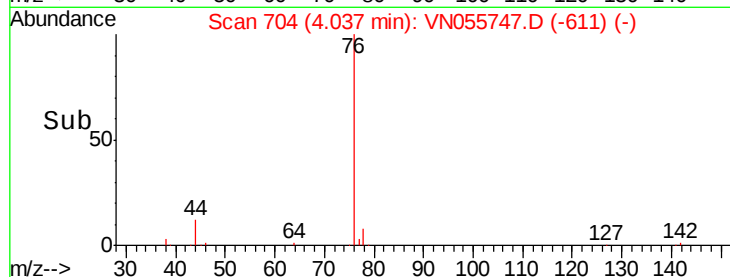
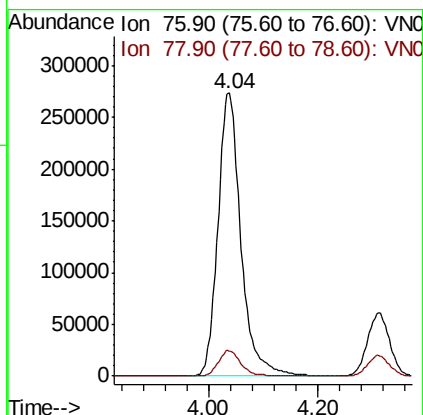
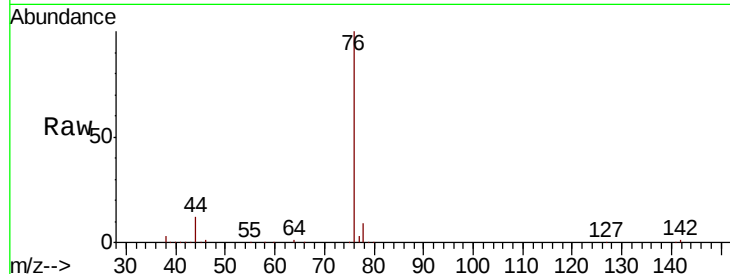




#17
Carbon Disulfide
Concen: 92.322 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

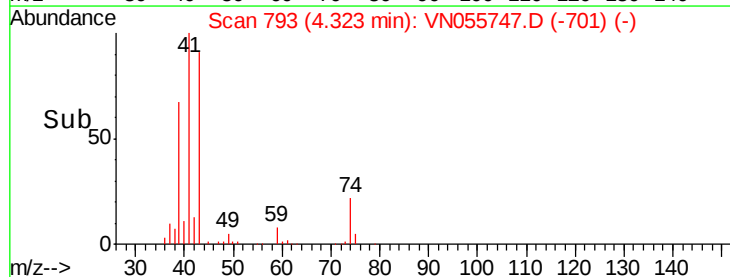
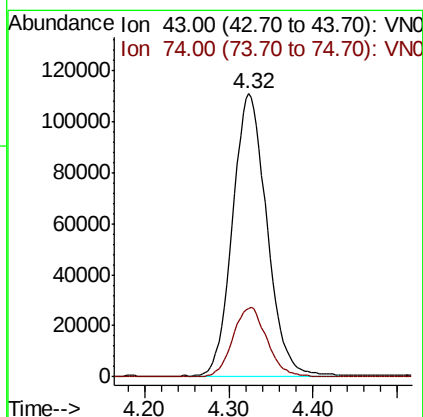
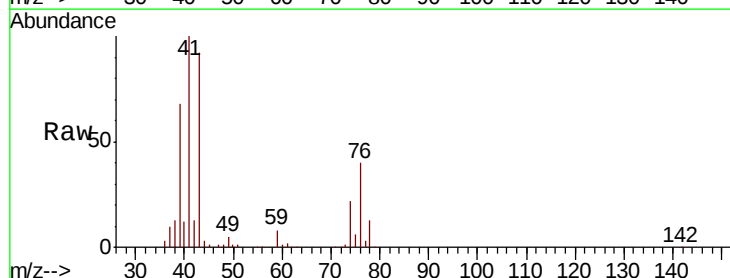
Instrument :
MSVOA_N
ClientSampled :

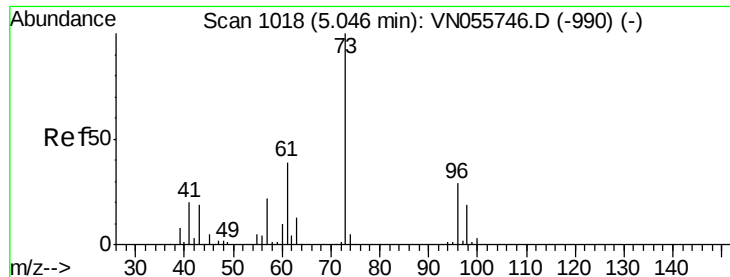
Tot Ion: 76 Resp: 796620
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 94.596 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 43 Resp: 310847
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



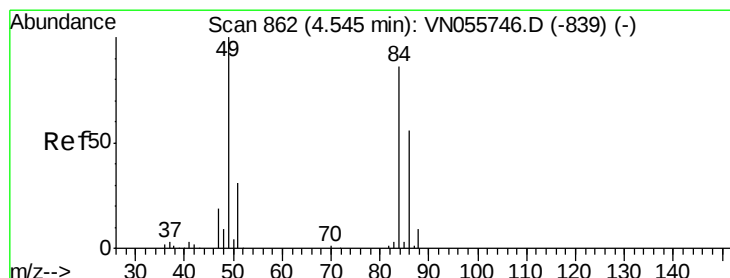
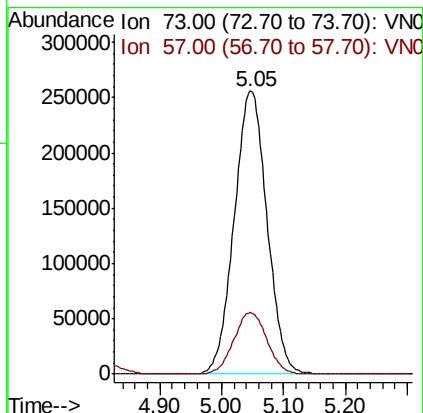
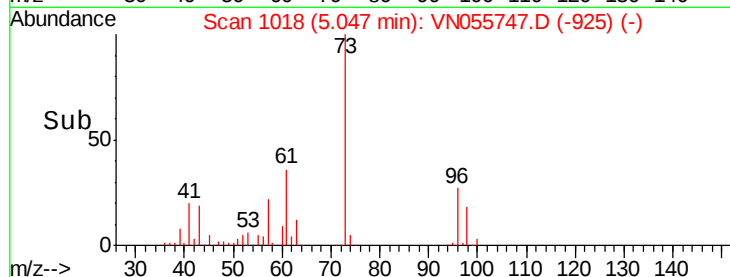
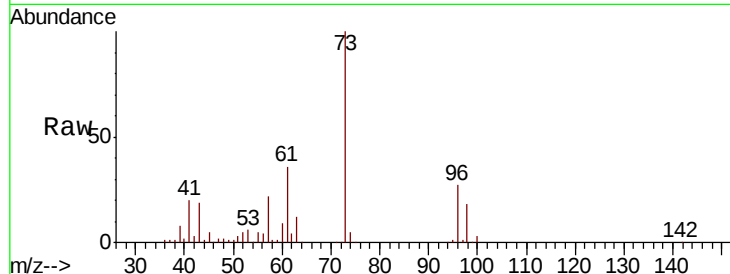


#19

Methyl tert-butyl Ether
 Concen: 92.014 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Instrument :
 MSVOA_N
 ClientSampled :

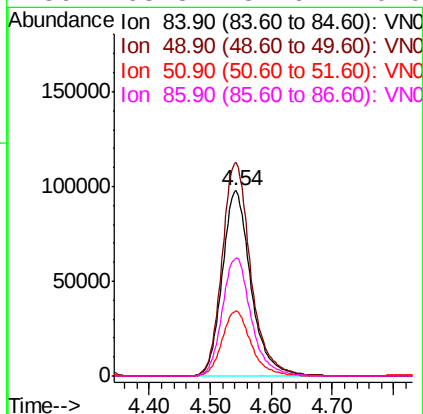
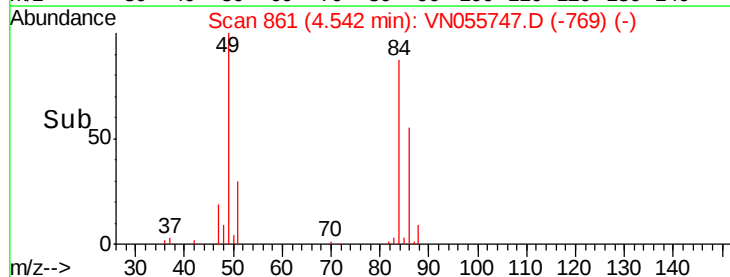
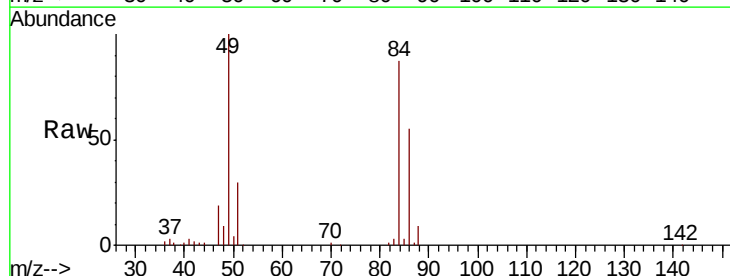
Tot Ion: 73 Resp: 943119
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.8

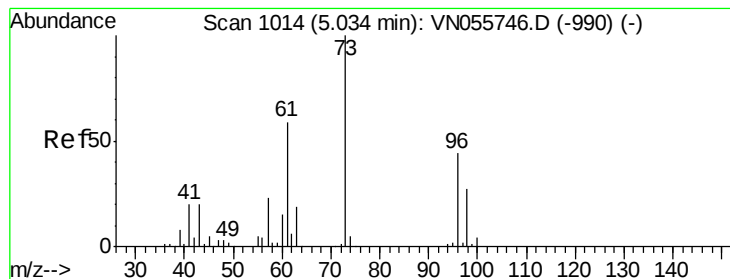


#20

Methylene Chloride
 Concen: 92.007 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion: 84 Resp: 319957
 Ion Ratio Lower Upper
 84 100
 49 115.1 93.5 140.3
 51 35.1 28.6 43.0
 86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 91.337 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

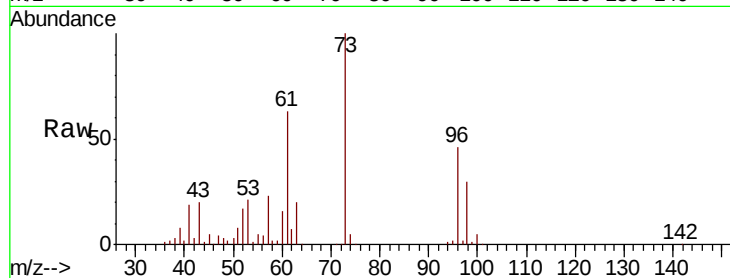
Tot Ion: 96 Resp: 301815

Ion Ratio Lower Upper

96 100

61 135.7 107.8 161.8

98 65.2 49.8 74.8

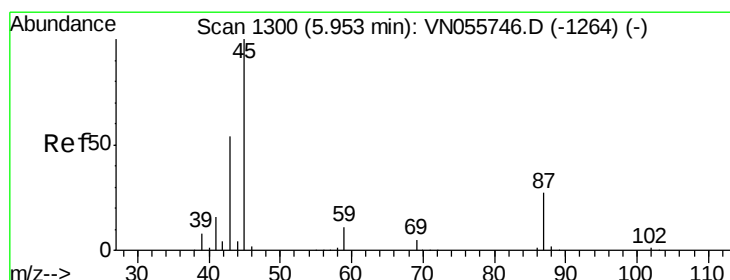
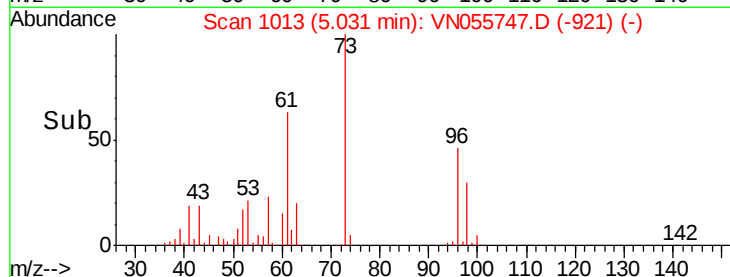
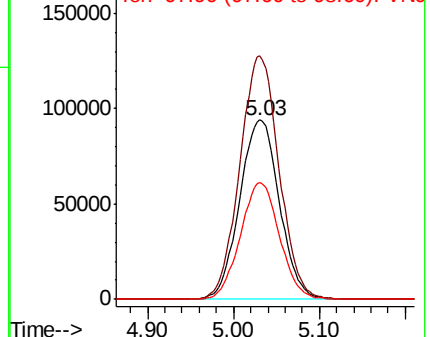


Abundance

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: 95.605 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Tgt Ion: 45 Resp: 954503

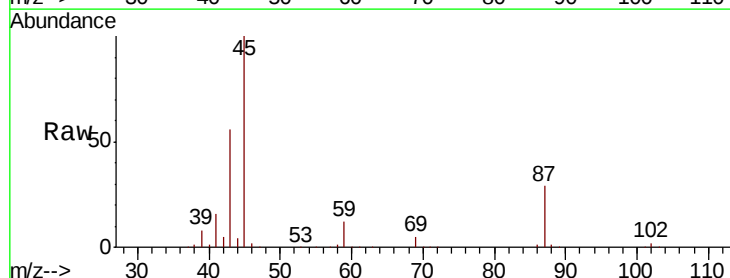
Ion Ratio Lower Upper

45 100

43 55.4 45.0 67.6

87 28.4 22.2 33.4

59 11.6 9.1 13.7



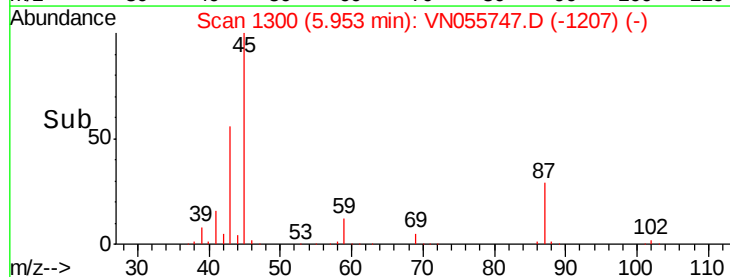
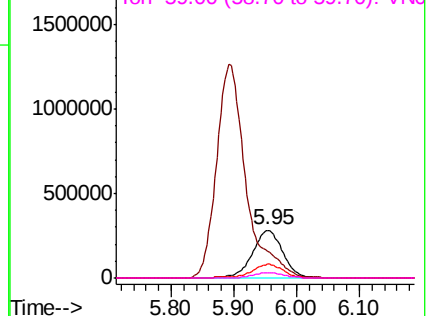
Abundance

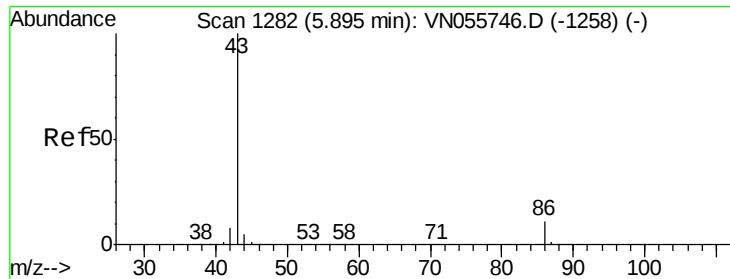
Ion 45.00 (44.70 to 45.70): VN0

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: 487.362 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

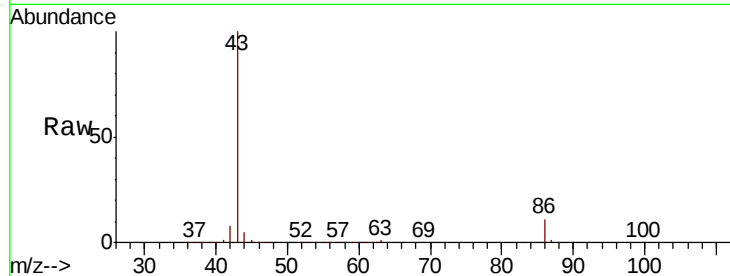
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4127634

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055747.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055747.D (-1189) (-)

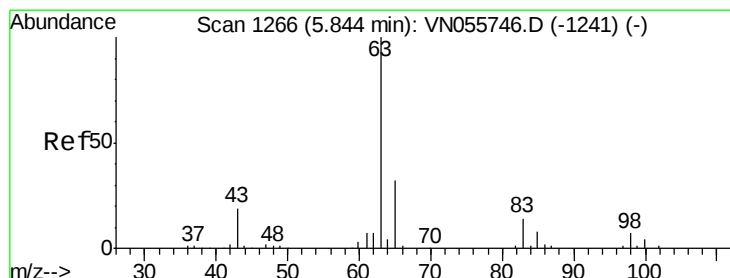
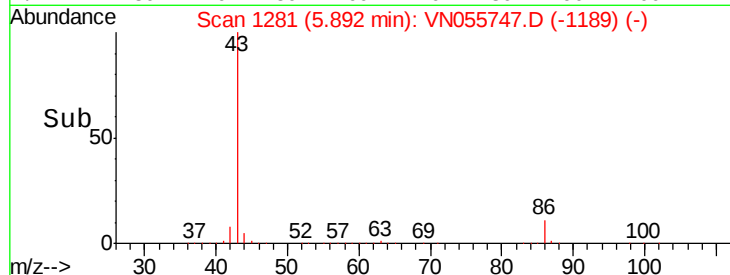
5.89

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 93.966 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

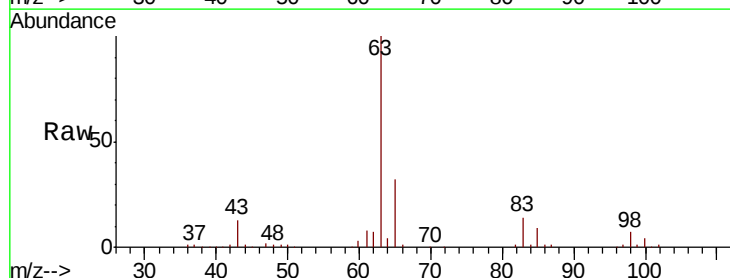
Tgt Ion: 63 Resp: 546440

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055747.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055747.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055747.D (-1173) (-)

5.84

200000

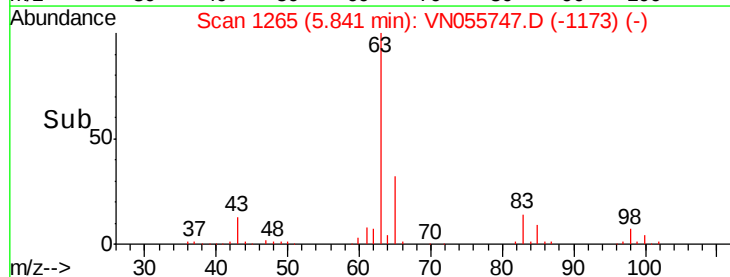
150000

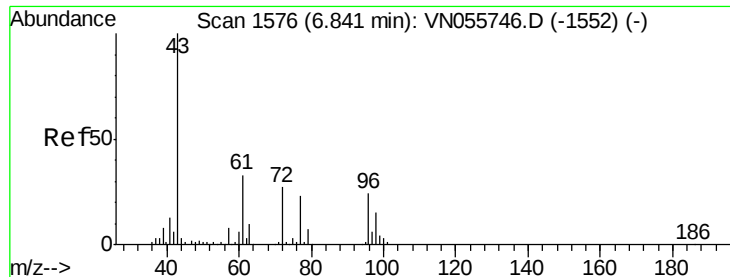
100000

50000

0

Time-->





#25

2-Butanone

Concen: 494.382 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

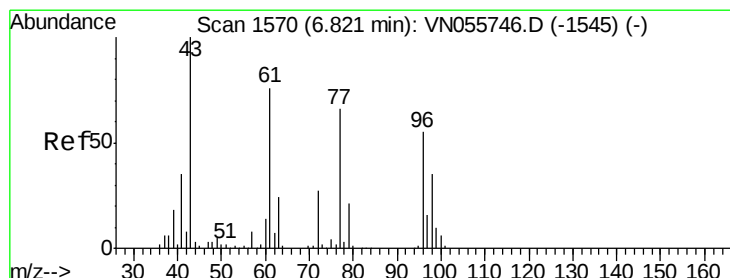
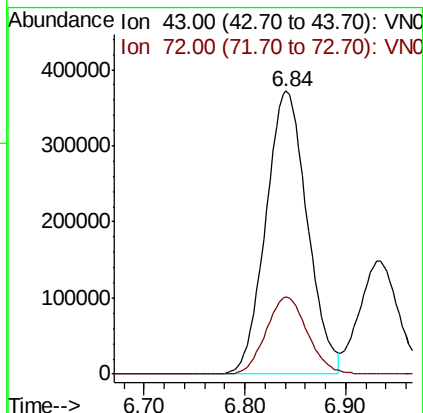
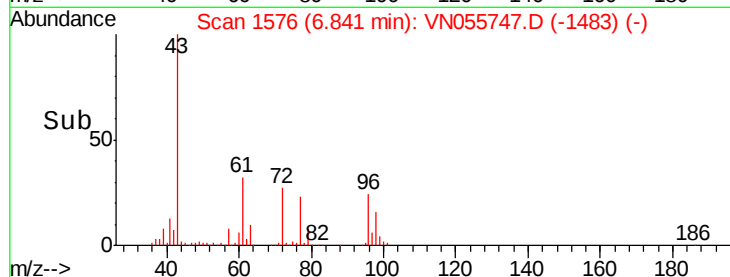
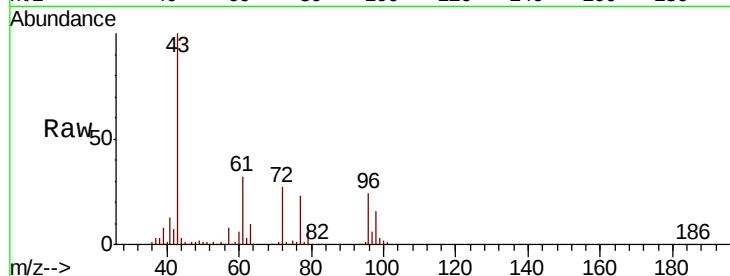
ClientSampleId :

Tot Ion: 43 Resp: 1059069

Ion Ratio Lower Upper

43 100

72 27.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 87.904 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055747.D

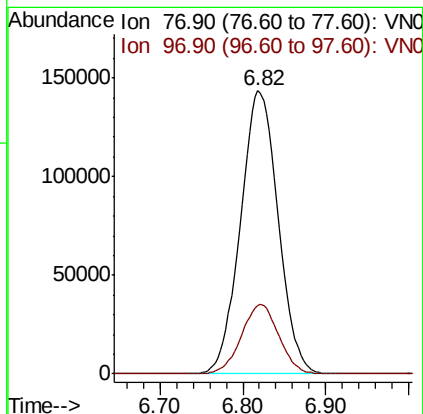
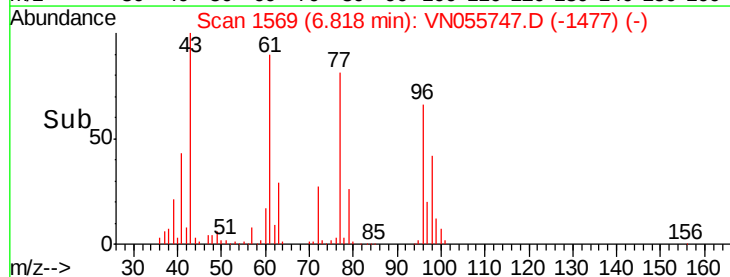
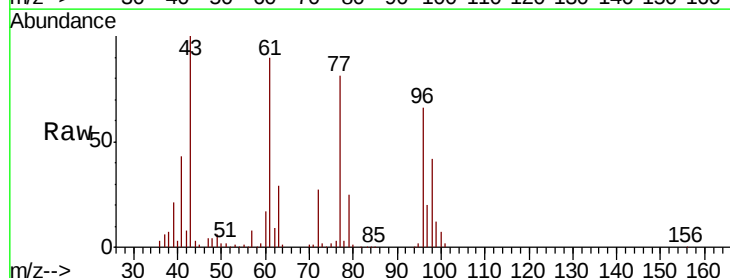
Acq: 23 May 2019 11:00

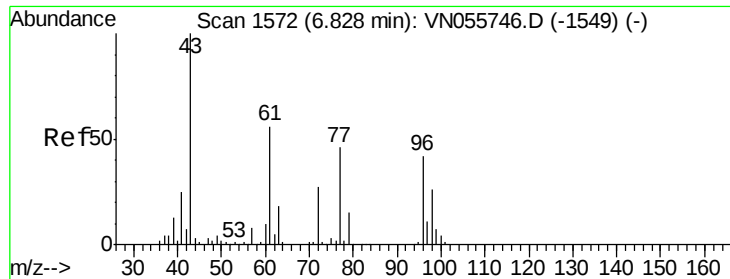
Tgt Ion: 77 Resp: 452737

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 92.630 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

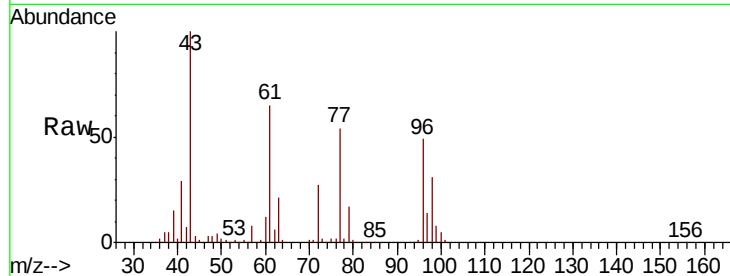
Tot Ion: 96 Resp: 357650

Ion Ratio Lower Upper

96 100

61 137.1 0.0 275.8

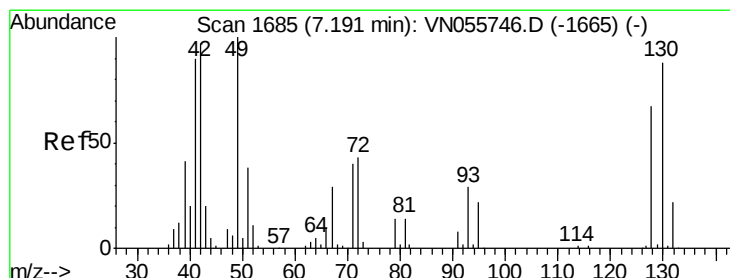
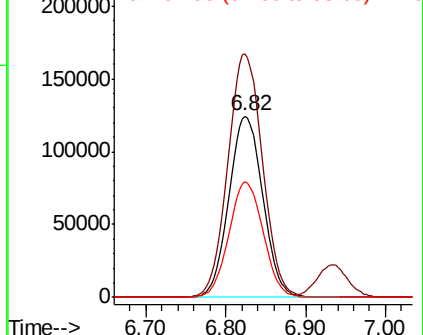
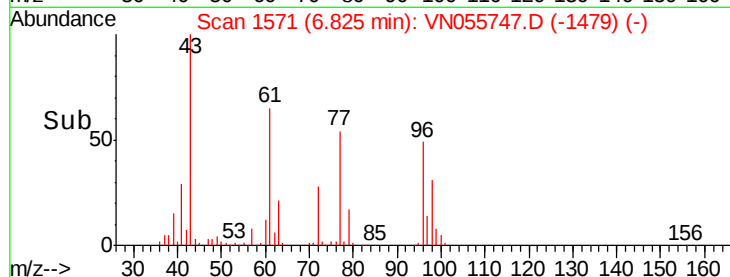
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 102.849 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

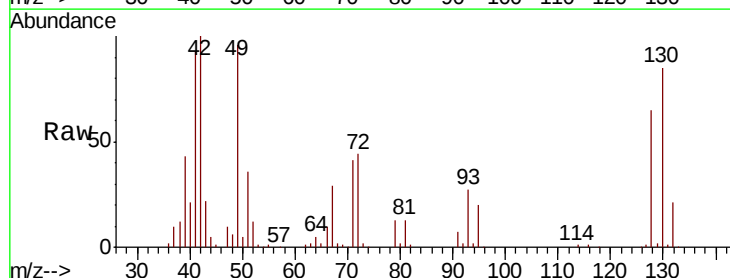
Tgt Ion: 49 Resp: 264091

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

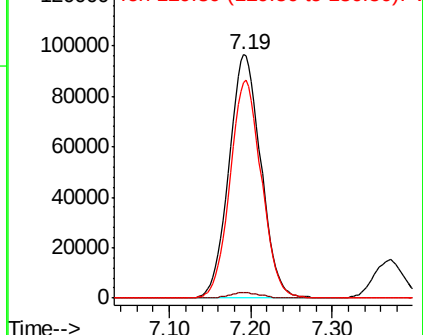
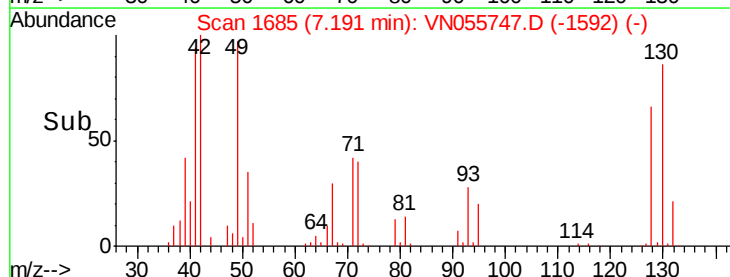
130 87.9 71.2 106.8

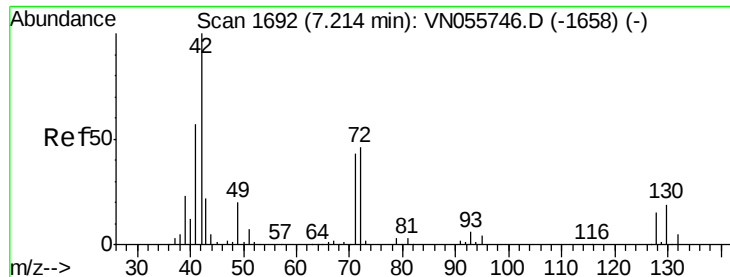


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

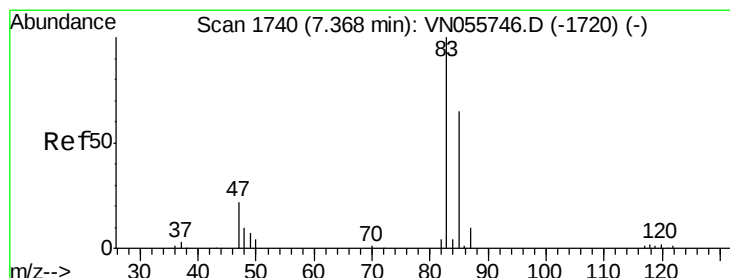
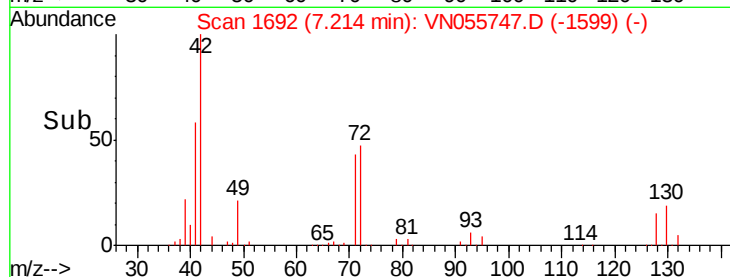
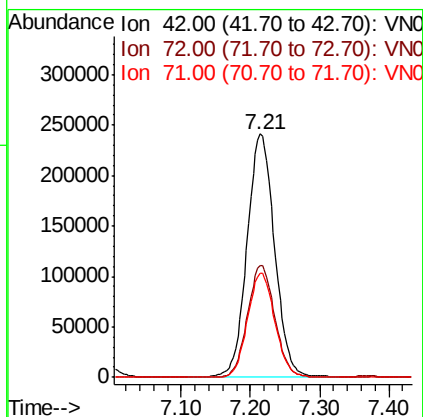
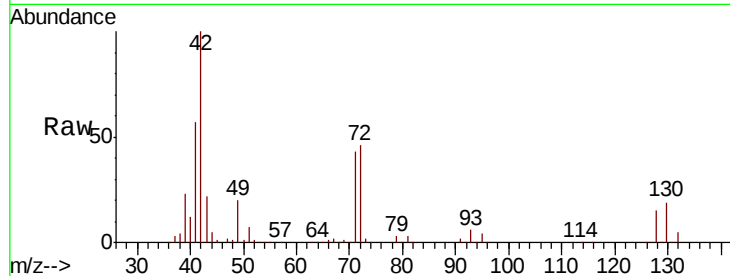




#29
Tetrahydrofuran
Concen: 469.085 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

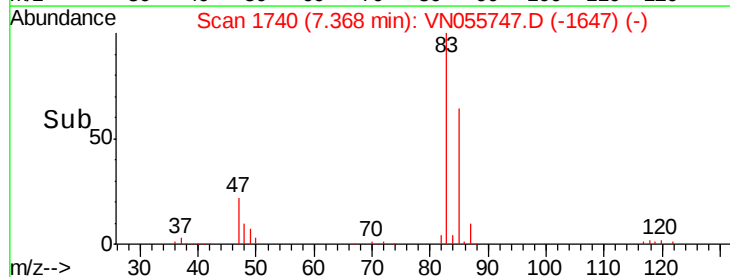
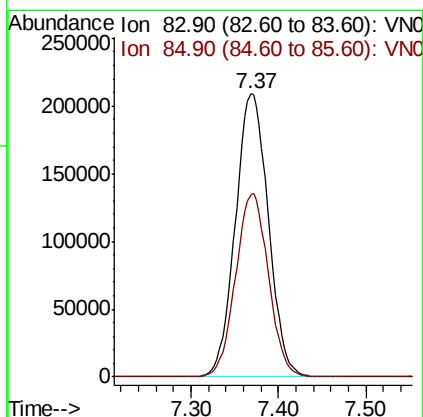
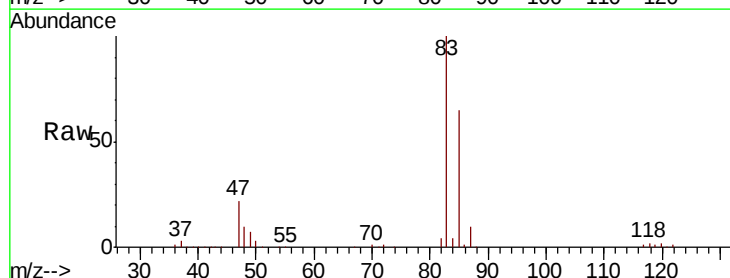
Instrument :
MSVOA_N
ClientSampled :

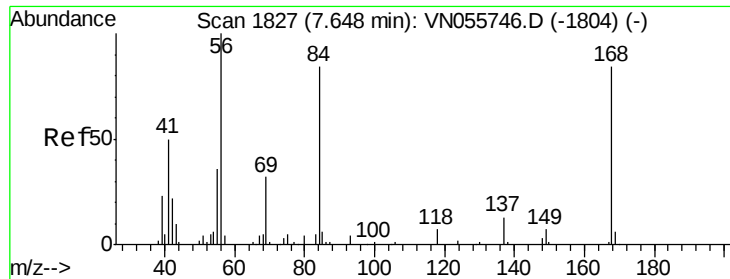
Tot Ion: 42 Resp: 664365
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 42.6 34.0 51.0



#30
Chloroform
Concen: 91.329 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 83 Resp: 547056
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8





#31

Cyclohexane

Concen: 90.396 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :
MSVOA_N
ClientSampled :

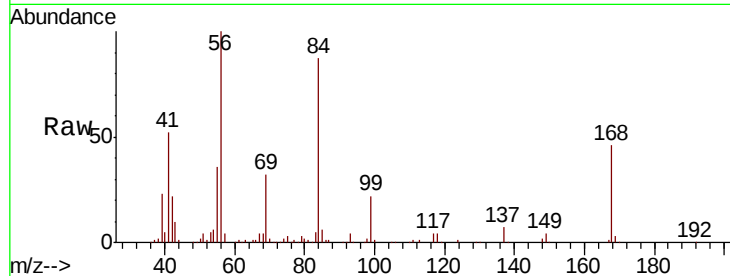
Tot Ion: 56 Resp: 501515

Ion Ratio Lower Upper

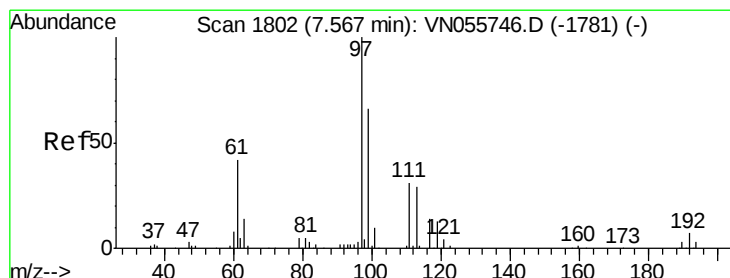
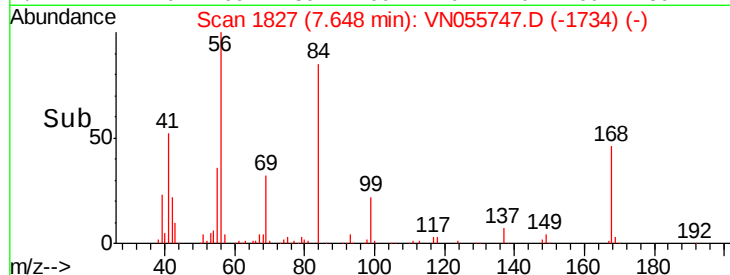
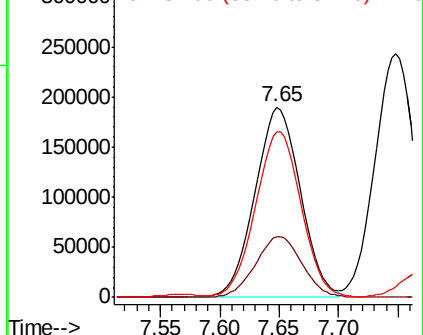
56 100

69 32.0 25.6 38.4

84 86.0 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 91.263 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

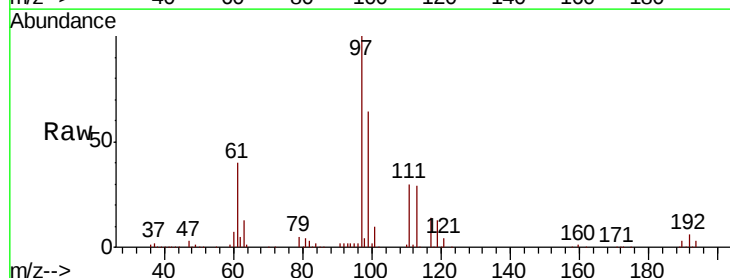
Tgt Ion: 97 Resp: 489400

Ion Ratio Lower Upper

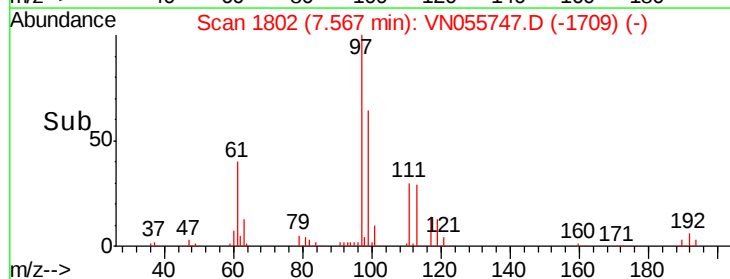
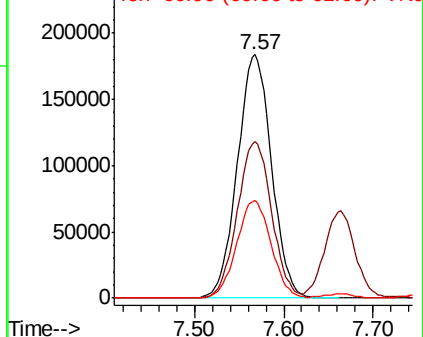
97 100

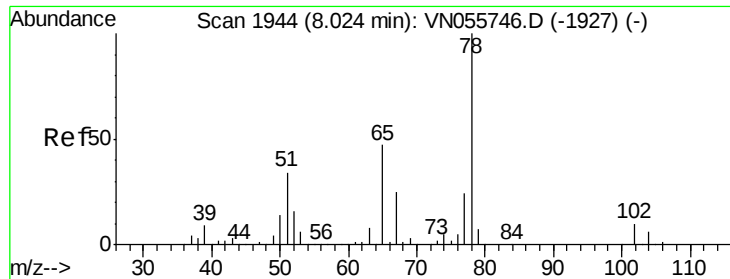
99 64.4 52.0 78.0

61 40.4 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

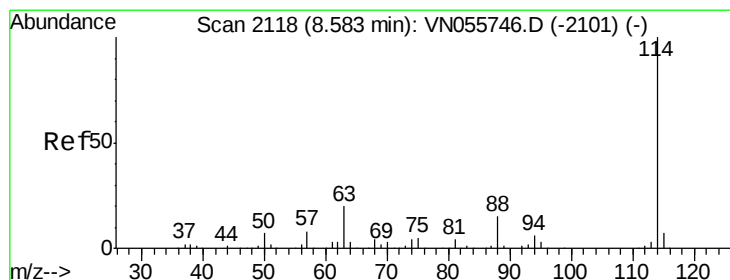
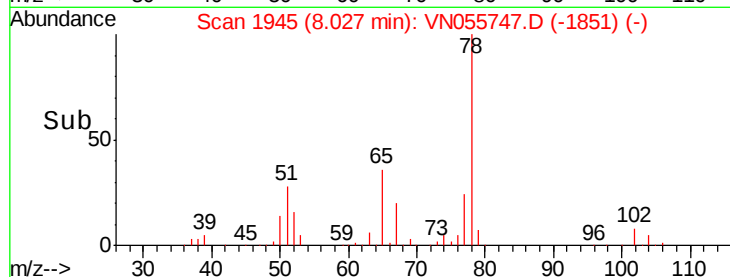
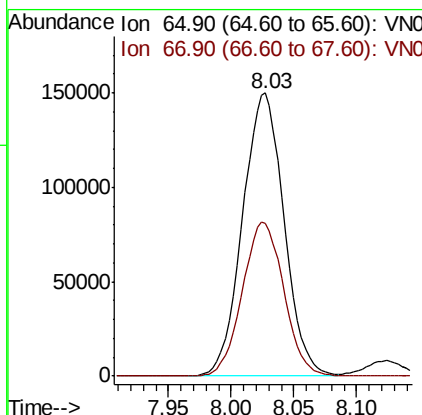
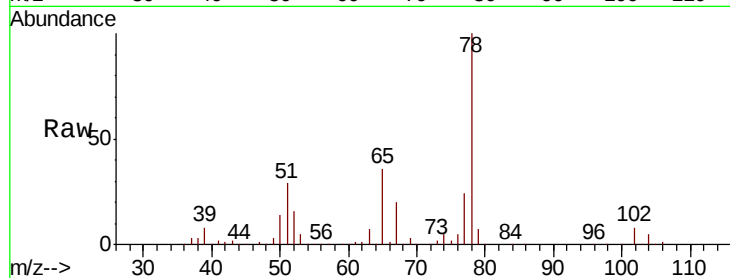




#33
 1,2-Dichloroethane-d4
 Concen: 92.532 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

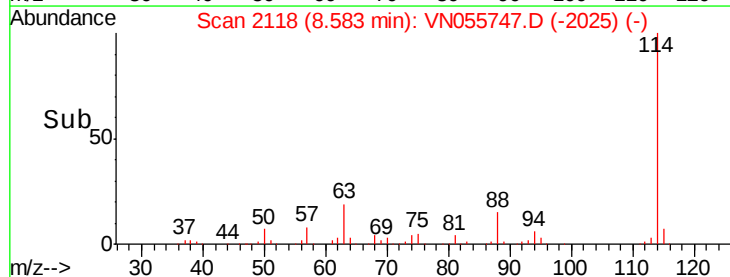
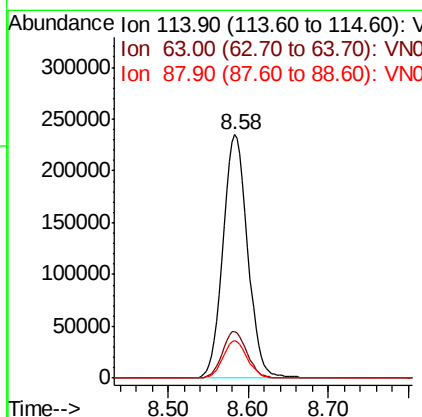
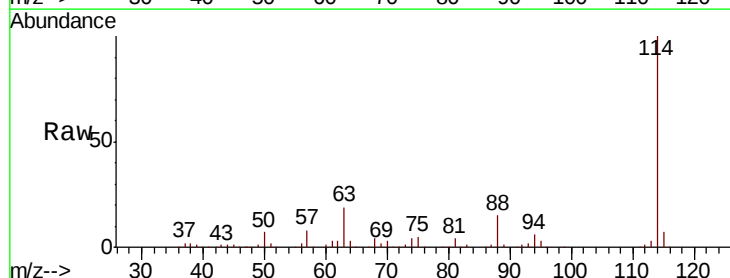
Instrument :
 MSVOA_N
 ClientSampleId :

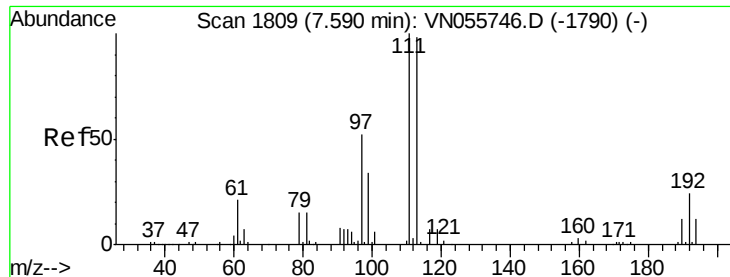
Tot Ion: 65 Resp: 344638
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion: 114 Resp: 498395
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.0

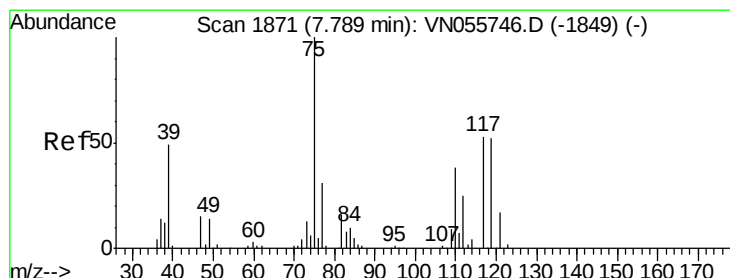
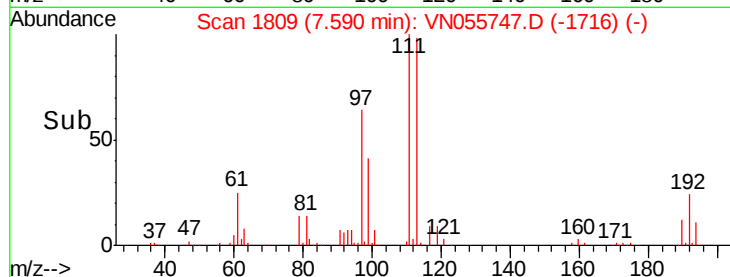
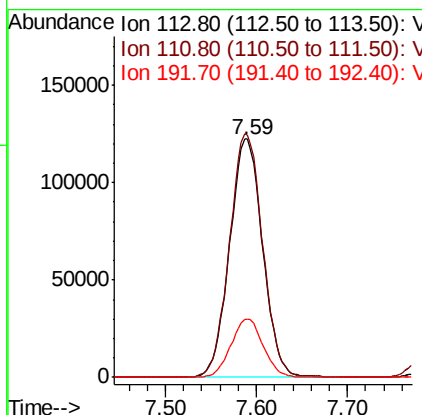
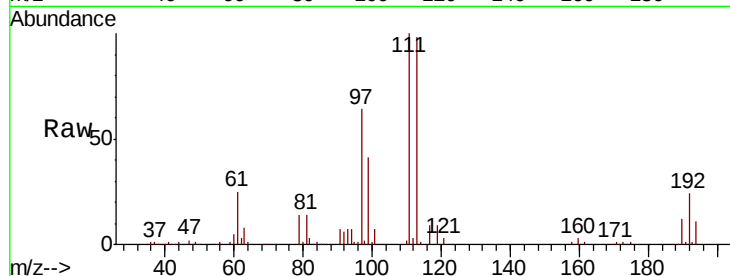




#35
 Dibromofluoromethane
 Concen: 97.598 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

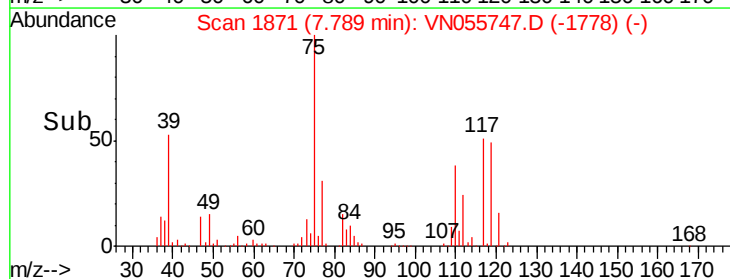
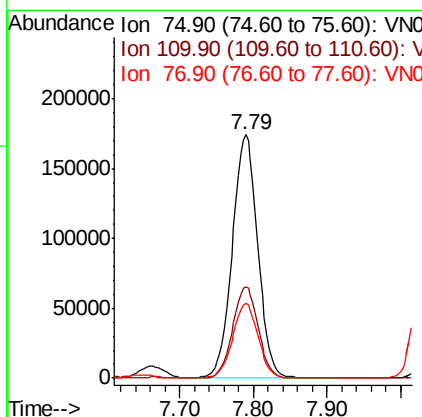
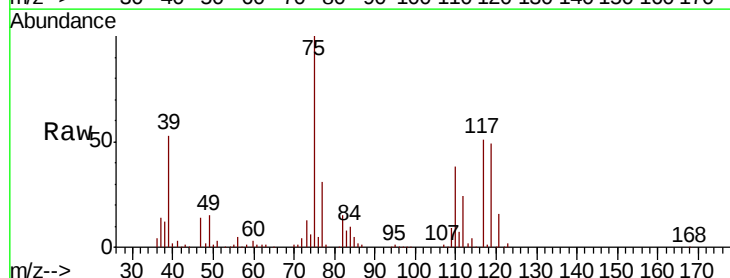
Instrument :
 MSVOA_N
 ClientSampled :

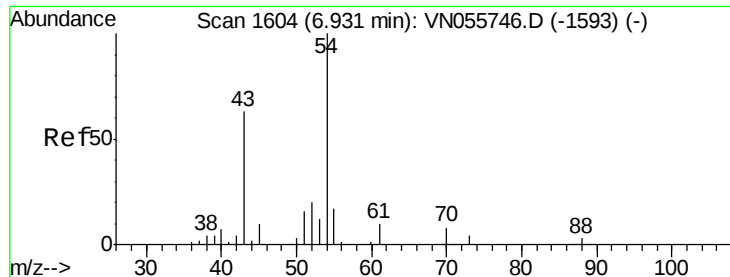
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.0	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 94.614 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.0	57.0
77	30.9	25.1	37.7

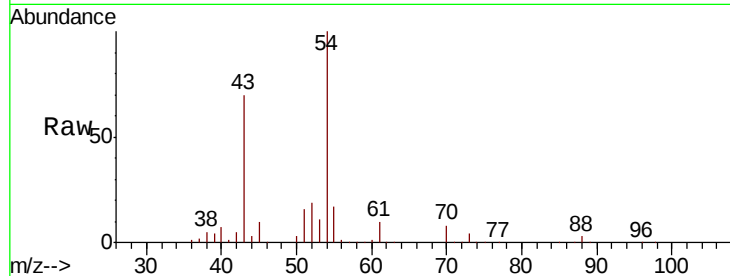




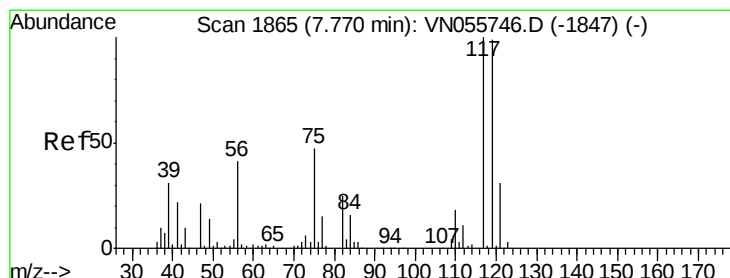
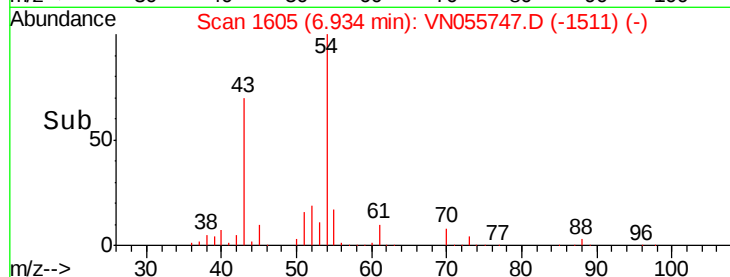
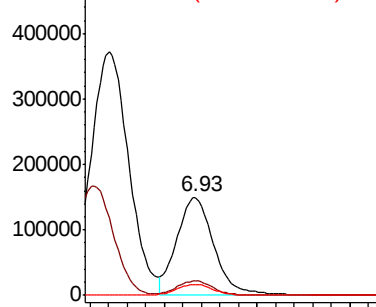
#37
Ethyl Acetate
Concen: 102.420 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 410291
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 11.2 8.9 13.3

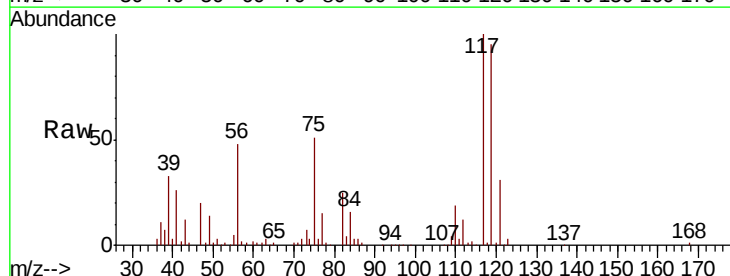


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

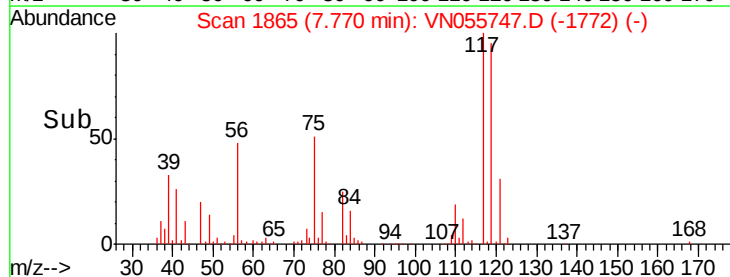
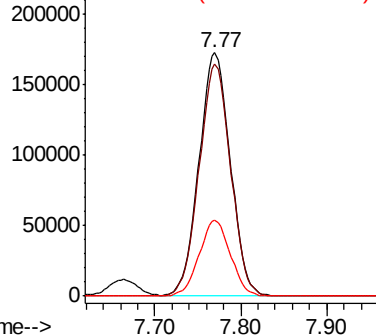


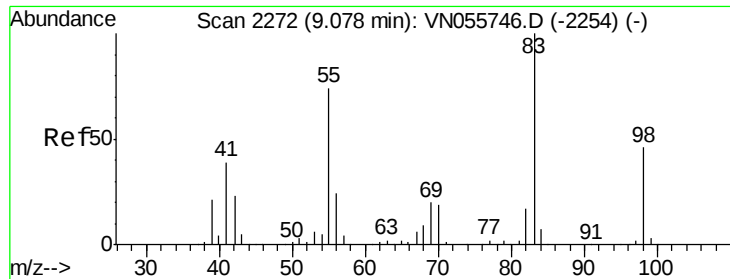
#38
Carbon Tetrachloride
Concen: 92.544 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 117 Resp: 438014
Ion Ratio Lower Upper
117 100
119 95.4 79.0 118.6
121 31.3 24.7 37.1



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

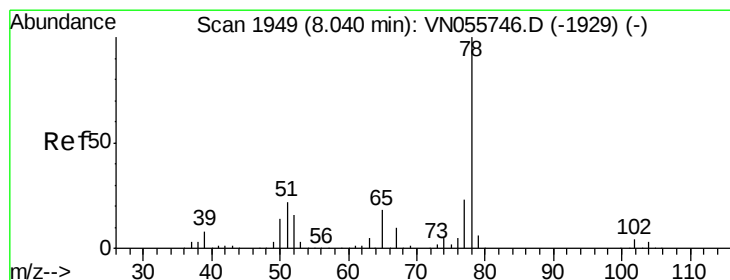
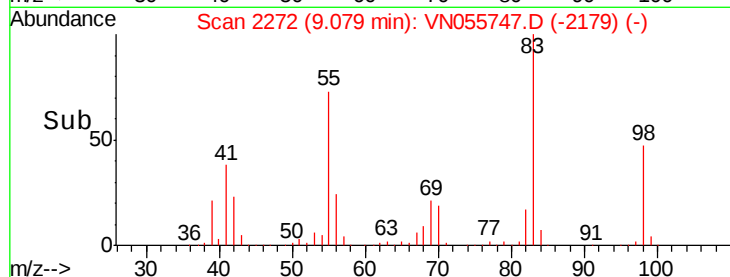
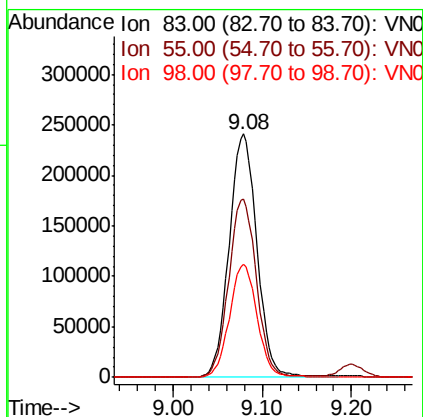
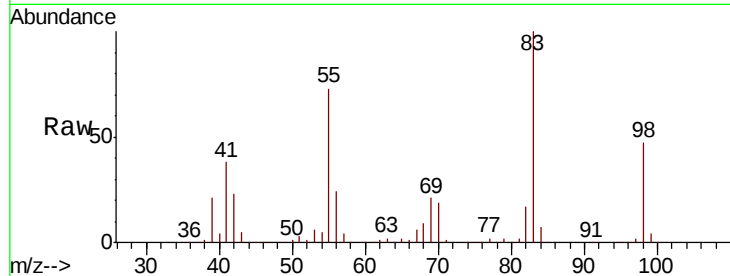




#39
Methvlcvclohexane
Concen: 97.276 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

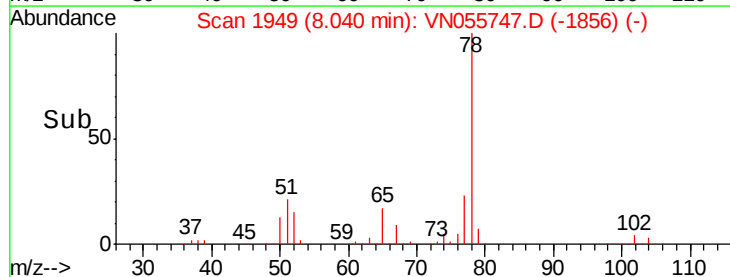
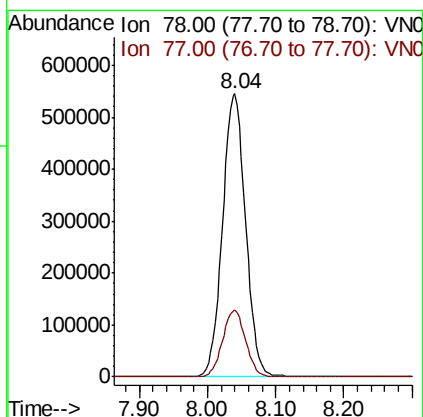
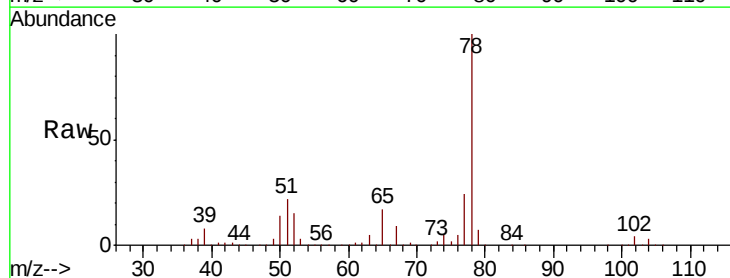
Instrument :
MSVOA_N
ClientSampleId :

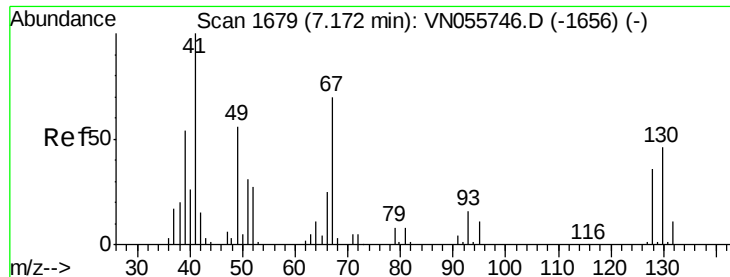
Tot Ion: 83 Resp: 521535
Ion Ratio Lower Upper
83 100
55 73.3 59.3 88.9
98 46.6 36.6 54.8



#40
Benzene
Concen: 97.583 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 78 Resp: 1276426
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

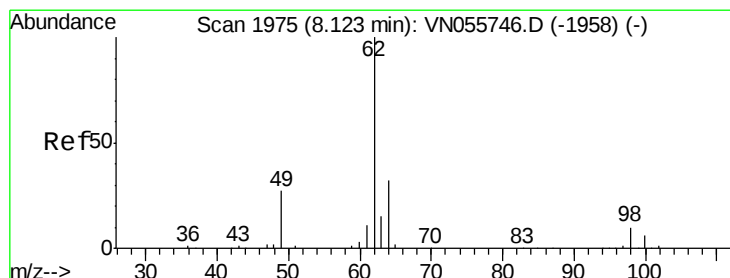
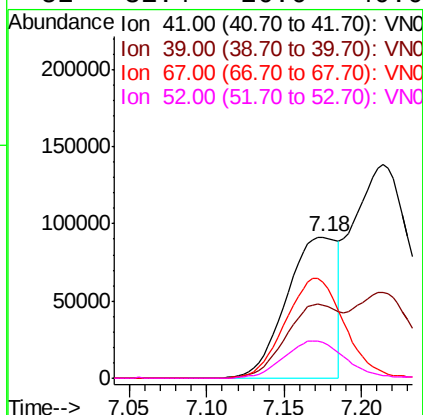
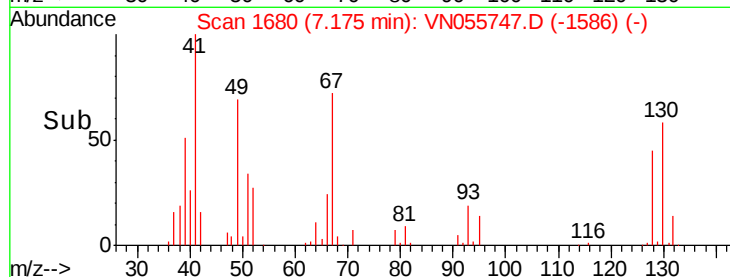
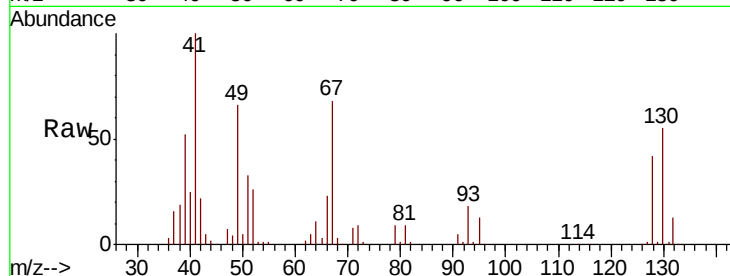




#41
Methacrylonitrile
Concen: 119.304 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

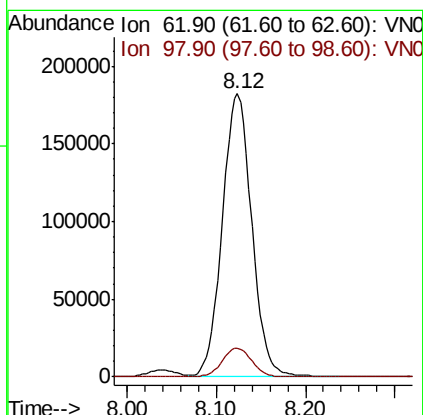
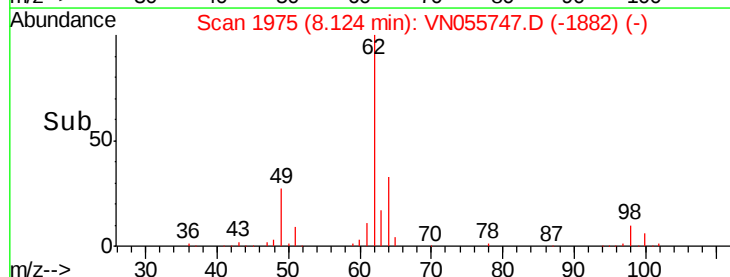
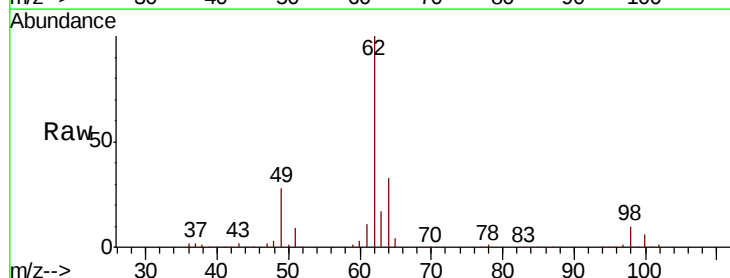
Instrument :
MSVOA_N
ClientSampled :

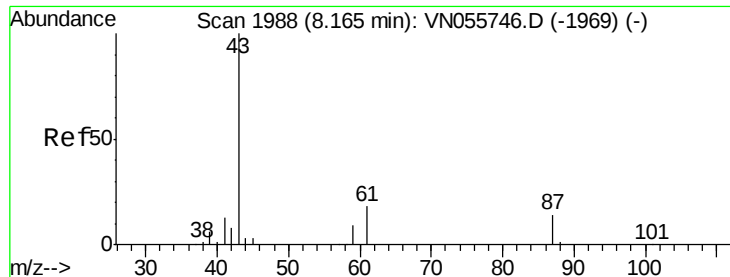
Tot Ion: 41 Resp: 207469
Ion Ratio Lower Upper
41 100
39 55.9 45.6 68.4
67 83.3 67.7 101.5
52 31.4 26.6 40.0



#42
1,2-Dichloroethane
Concen: 98.302 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 62 Resp: 415606
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2



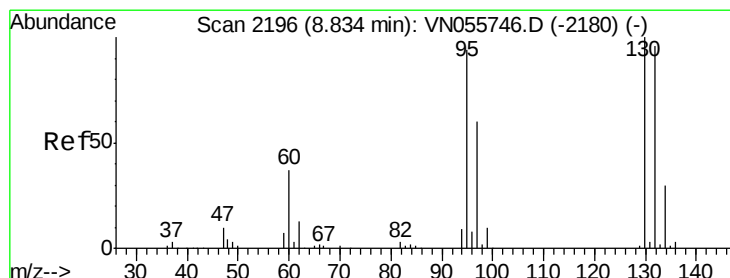
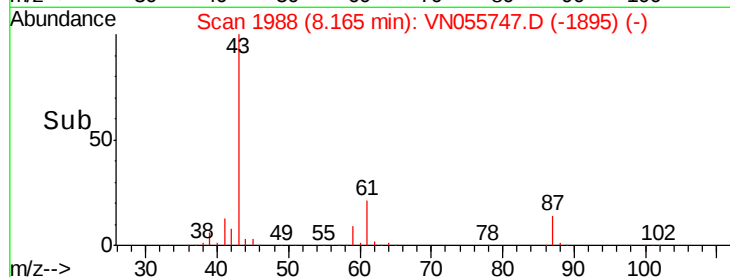
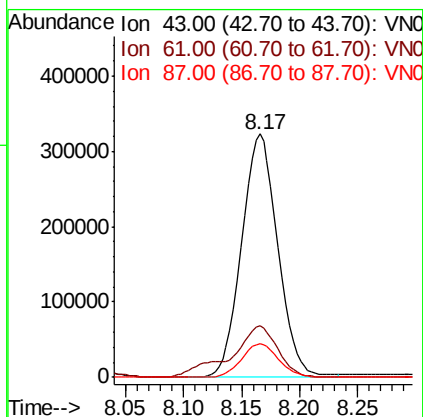
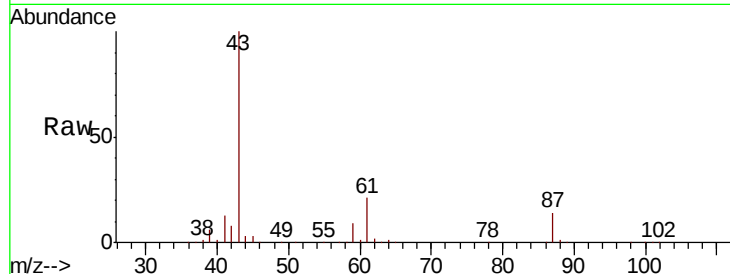


#43

Isopropyl Acetate
 Concen: 100.367 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

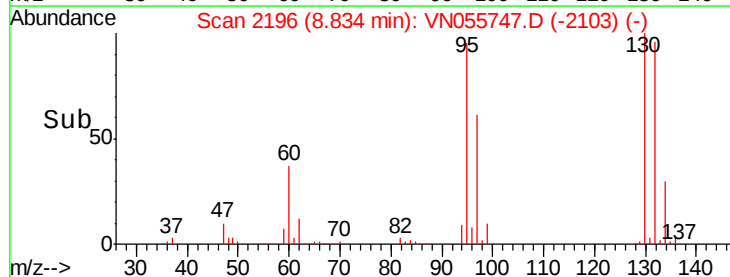
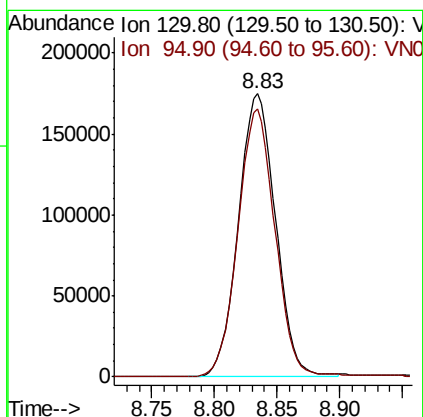
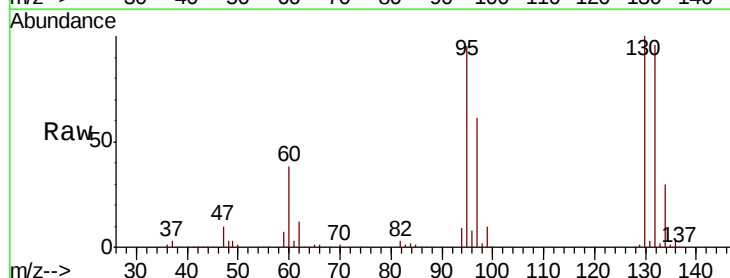
Tot Ion: 43 Resp: 700461
 Ion Ratio Lower Upper
 43 100
 61 27.4 22.2 33.4
 87 14.2 11.4 17.2

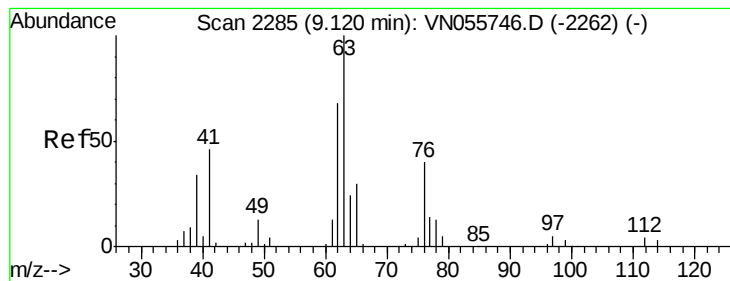


#44

Trichloroethene
 Concen: 97.881 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion:130 Resp: 360950
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 97.457 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

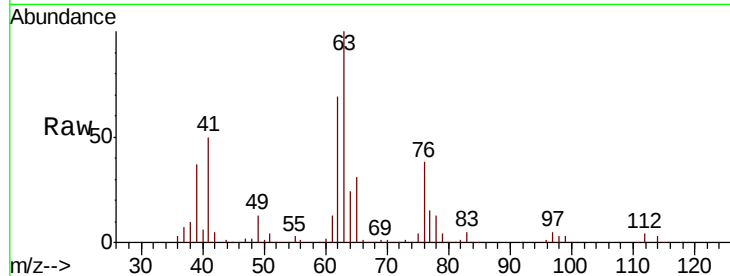
ClientSampled :

Tot Ion: 63 Resp: 335464

Ion Ratio Lower Upper

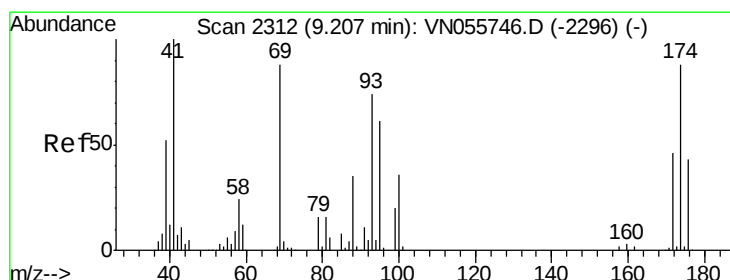
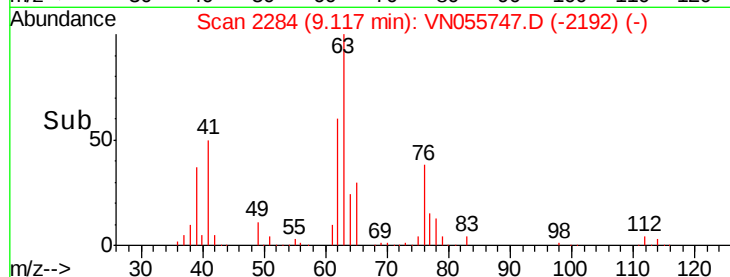
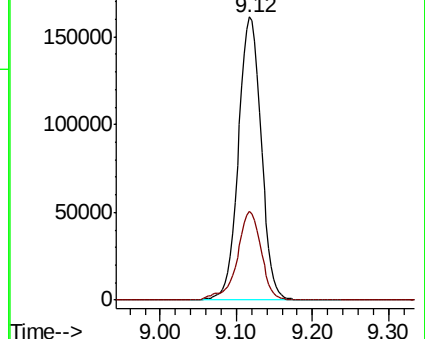
63 100

65 31.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 98.030 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

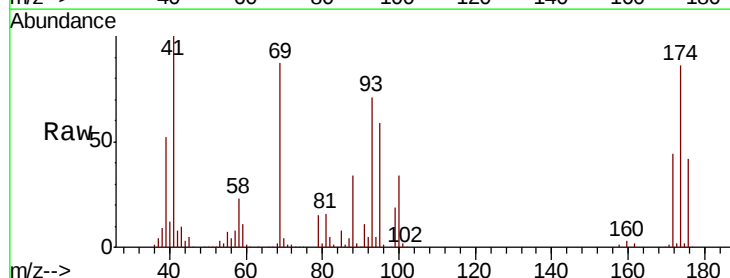
Tgt Ion: 93 Resp: 221192

Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

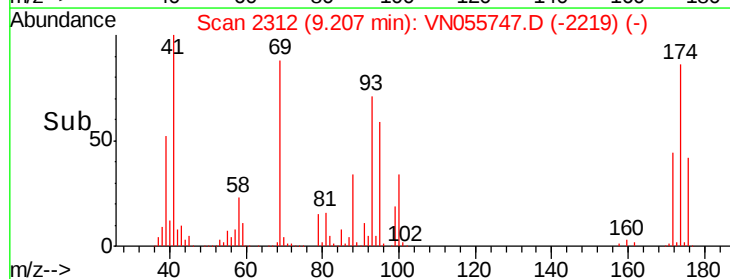
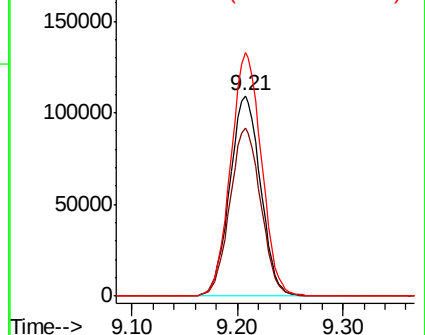
174 121.5 96.4 144.6

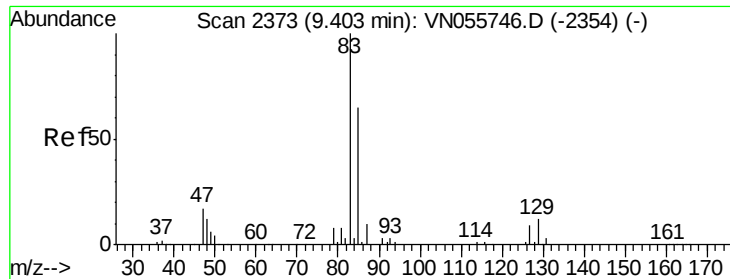


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 95.694 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

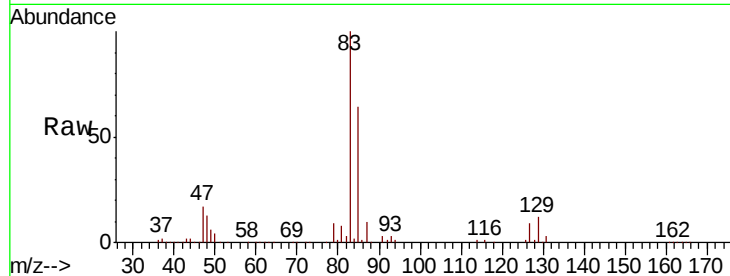
Tot Ion: 83 Resp: 450671

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

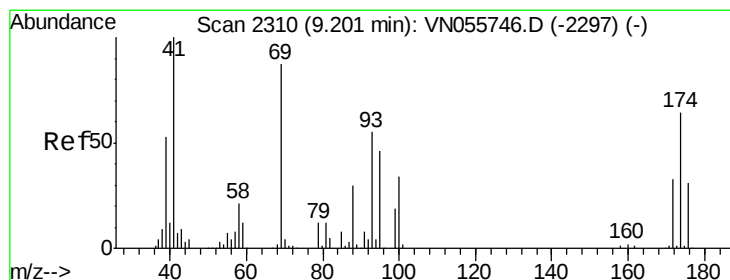
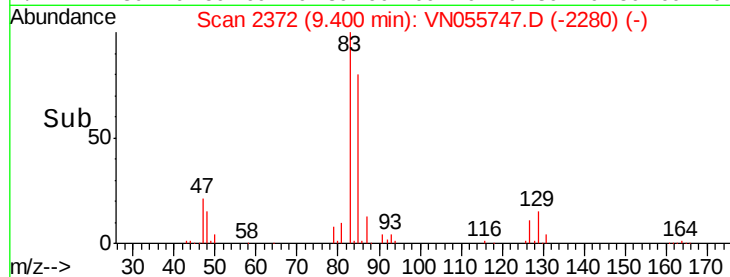
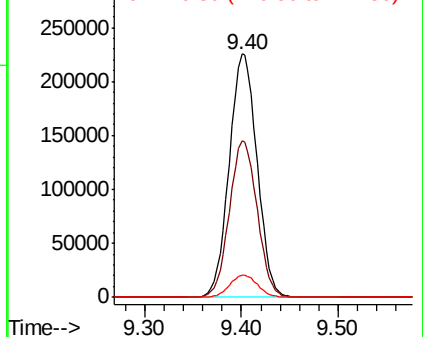
127 9.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055747.D (-2354) (-)

Ion 84.90 (84.60 to 85.60): VN055747.D (-2354) (-)

Ion 126.80 (126.50 to 127.50): VN055747.D (-2354) (-)



#48

Methyl methacrylate

Concen: 106.453 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

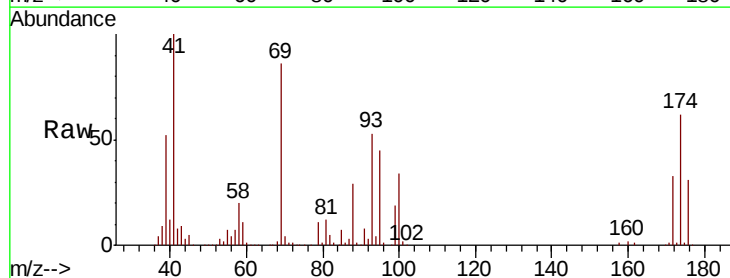
Tgt Ion: 41 Resp: 332865

Ion Ratio Lower Upper

41 100

69 90.5 71.0 106.6

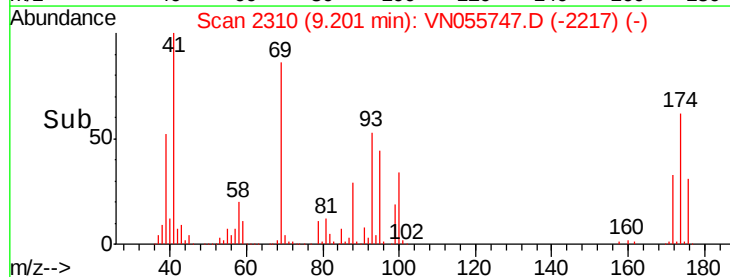
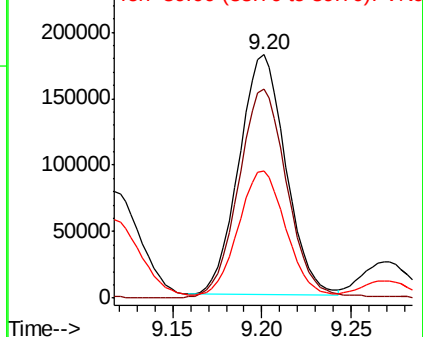
39 54.4 44.2 66.2

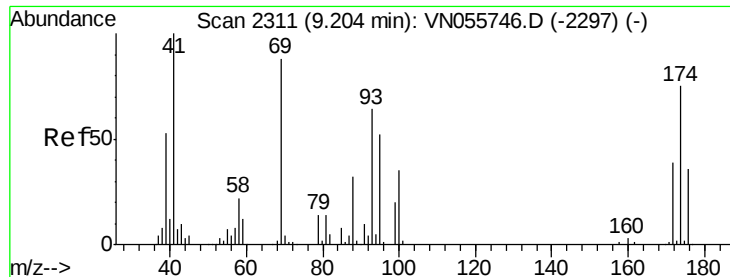


Abundance Ion 41.00 (40.70 to 41.70): VN055747.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055747.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055747.D (-2217) (-)





#49

1,4-Dioxane

Concen: 2193.477 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

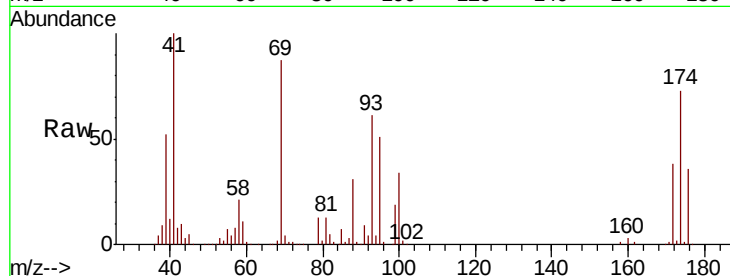
Tot Ion: 88 Resp: 135925

Ion Ratio Lower Upper

88 100

43 25.9 20.5 30.7

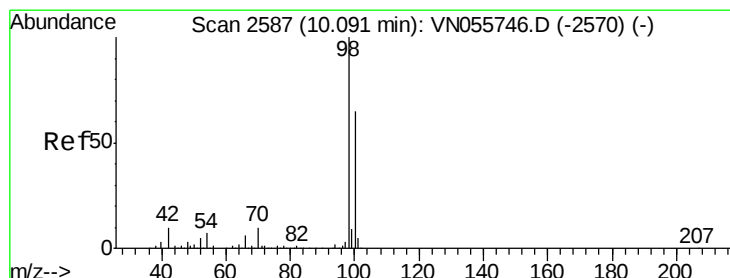
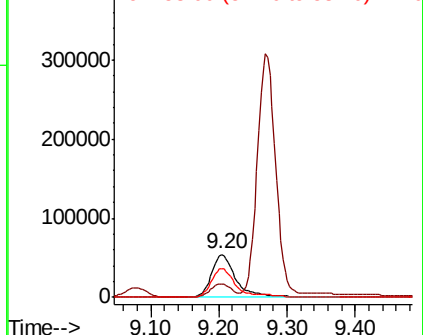
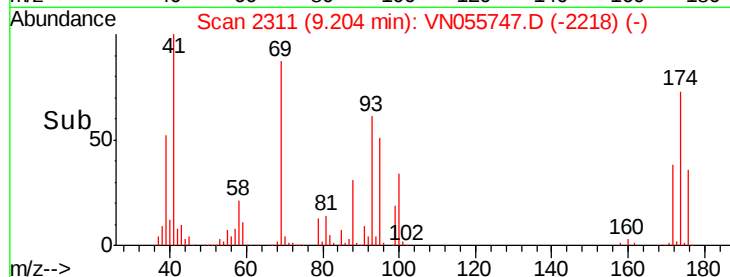
58 69.1 55.8 83.6



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: 98.603 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055747.D

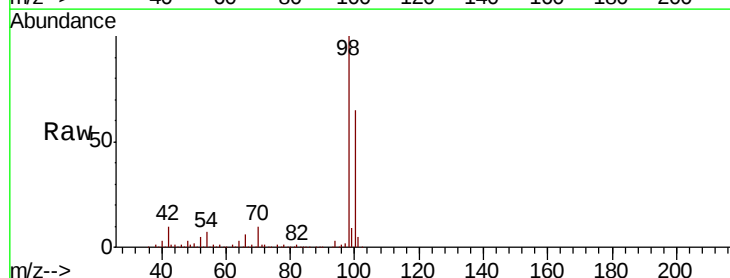
Acq: 23 May 2019 11:00

Tgt Ion: 98 Resp: 1181331

Ion Ratio Lower Upper

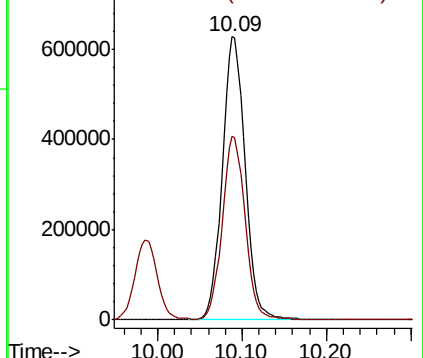
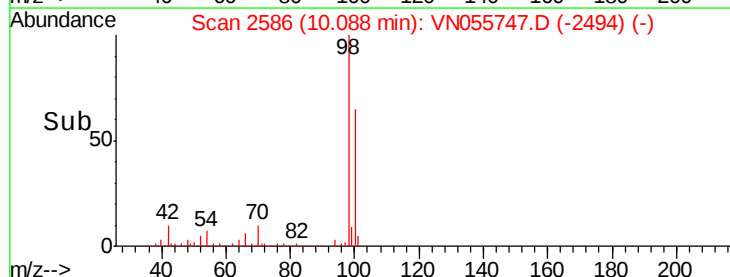
98 100

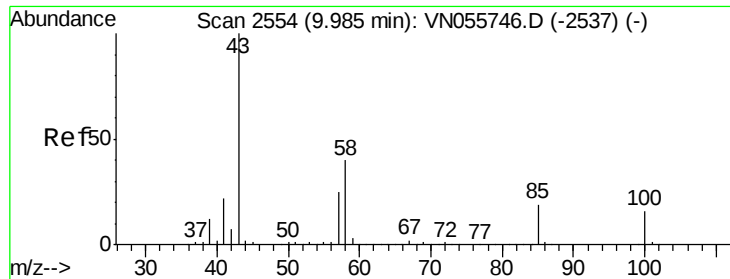
100 65.5 51.9 77.9



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: 504.511 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

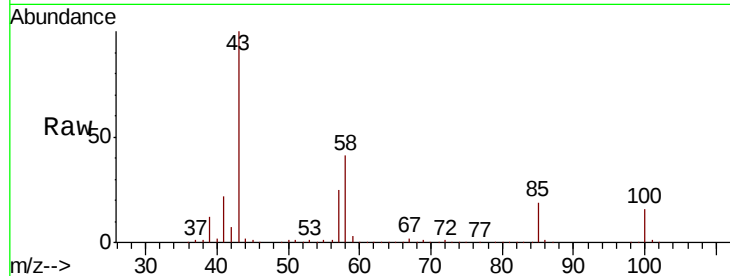
ClientSampled :

Tot Ion: 43 Resp: 2080570

Ion Ratio Lower Upper

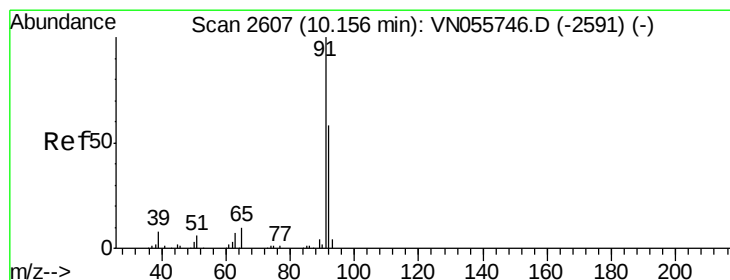
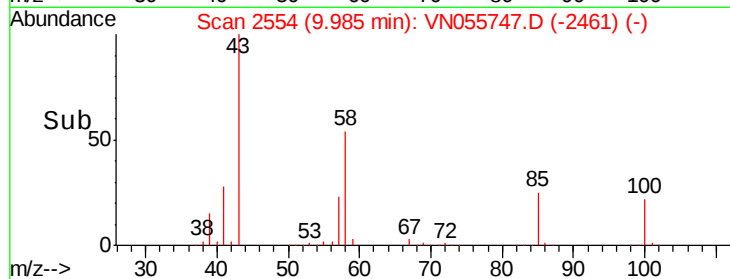
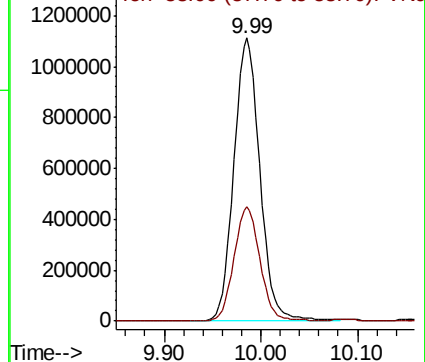
43 100

58 40.5 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 99.125 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055747.D

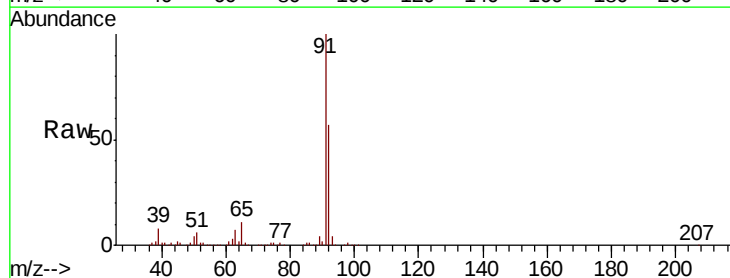
Acq: 23 May 2019 11:00

Tgt Ion: 92 Resp: 815243

Ion Ratio Lower Upper

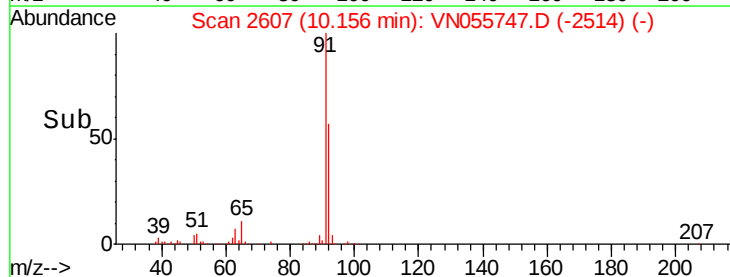
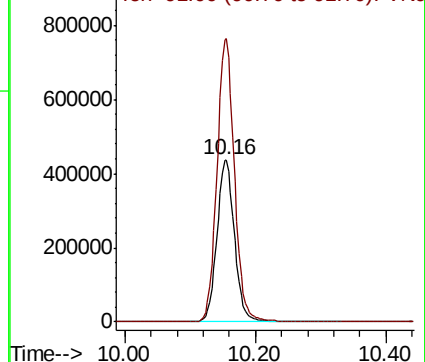
92 100

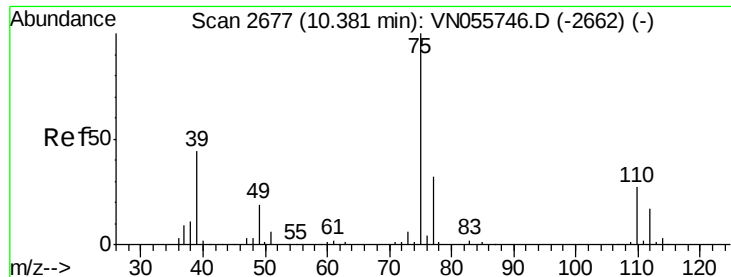
91 174.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 100.345 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

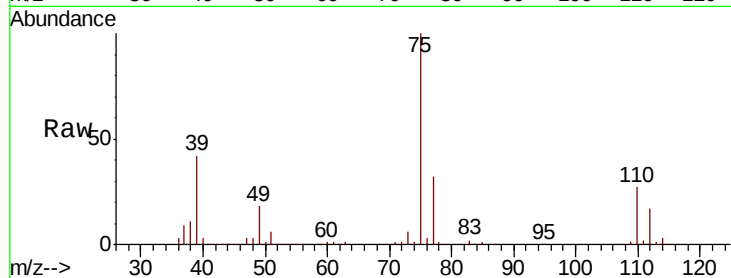
ClientSampleId :

Tot Ion: 75 Resp: 507656

Ion Ratio Lower Upper

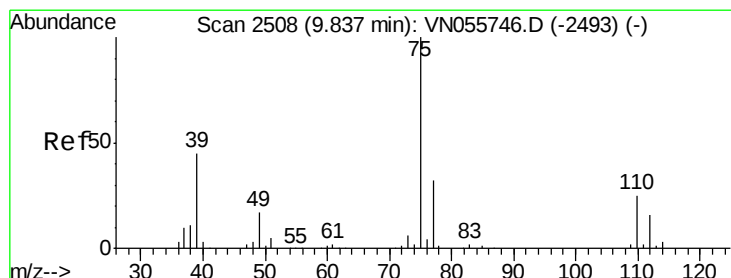
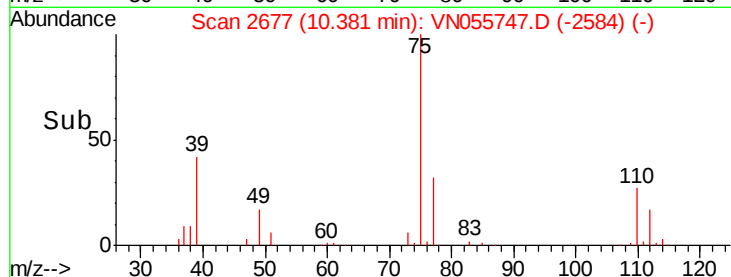
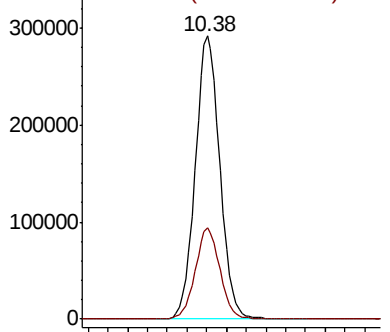
75 100

77 31.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 99.253 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

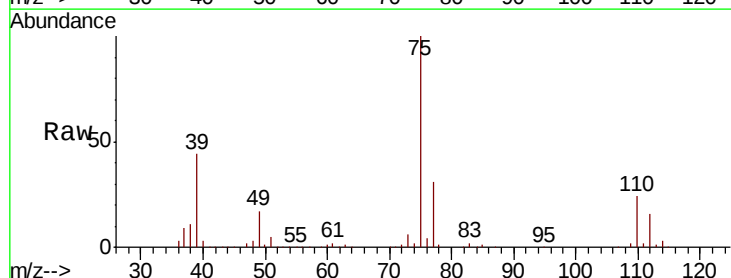
Tgt Ion: 75 Resp: 550319

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

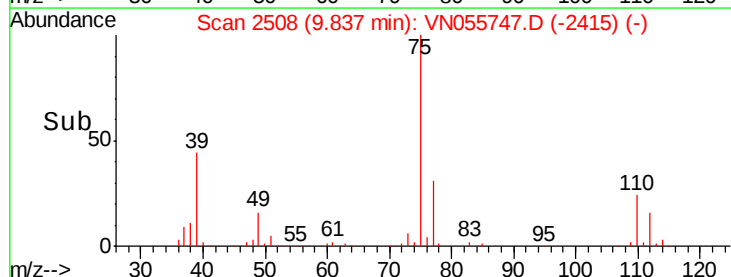
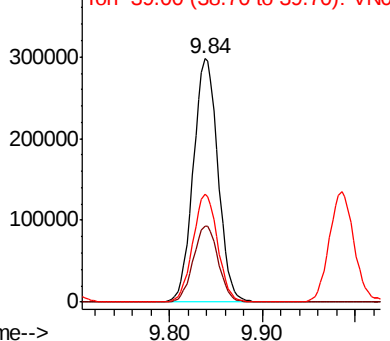
39 44.3 36.3 54.5

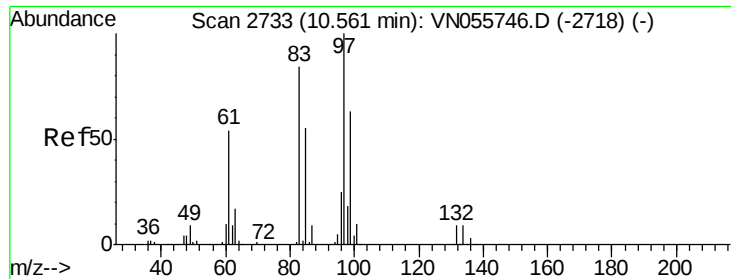


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

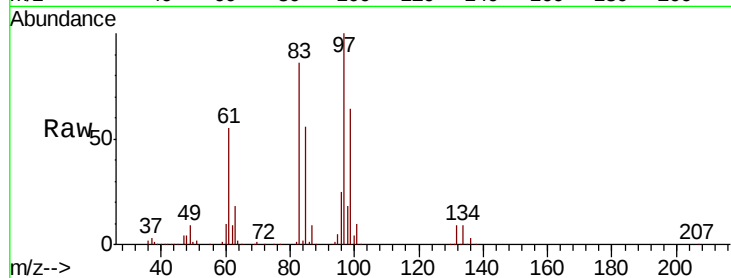




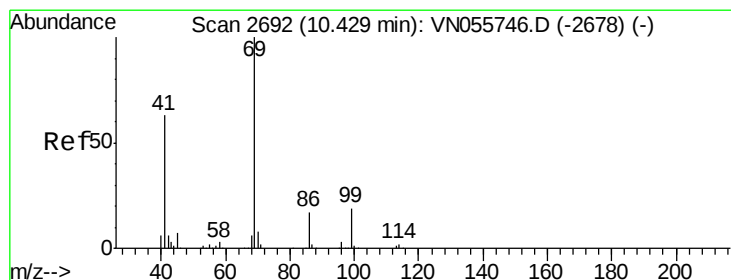
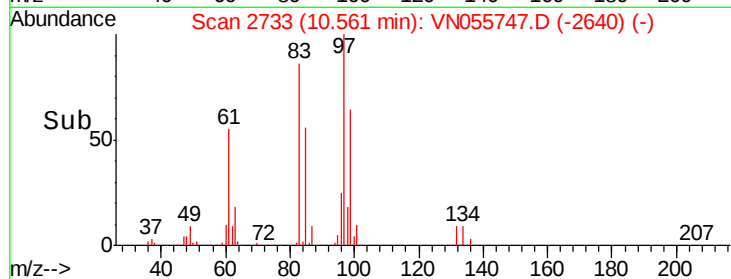
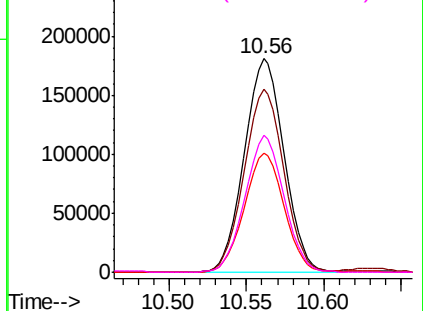
#55
 1,1,2-Trichloroethane
 Concen: 96.025 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	324769
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.0	100.6
85	55.9	44.0	66.0
99	63.7	50.6	75.8

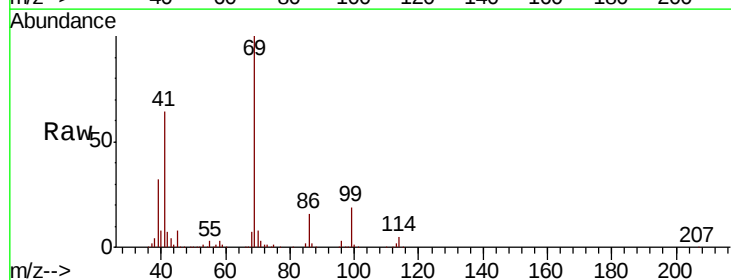


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

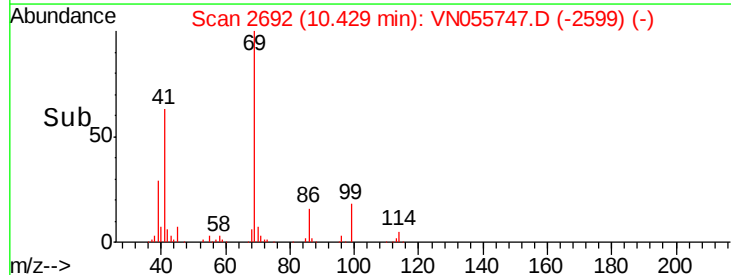
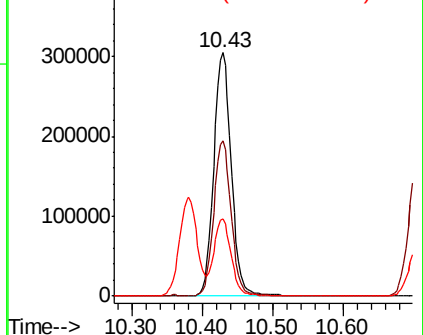


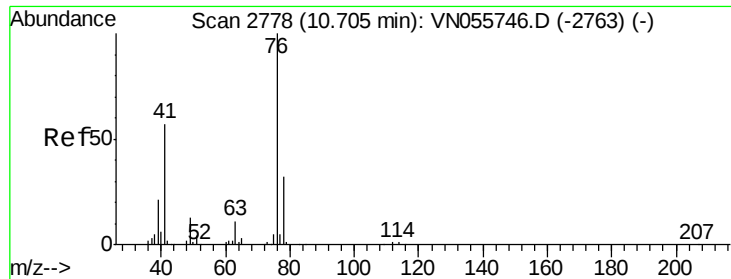
#56
 Ethyl methacrylate
 Concen: 99.403 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion:	69	Resp:	525078
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	31.0	24.7	37.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 99.727 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

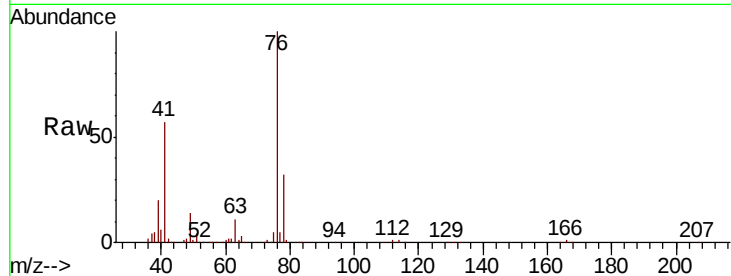
ClientSampleId :

Tot Ion: 76 Resp: 533306

Ion Ratio Lower Upper

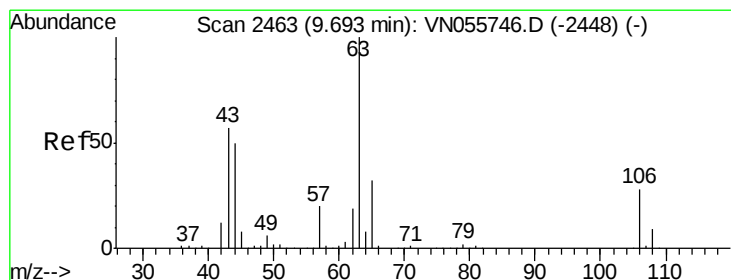
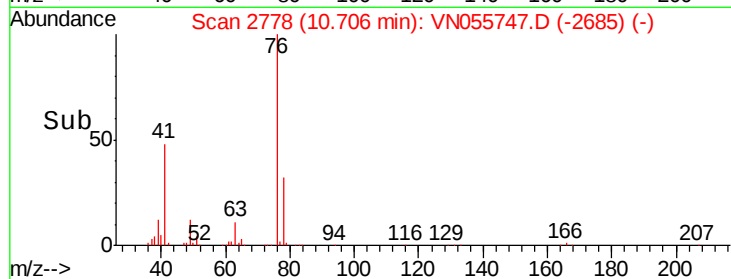
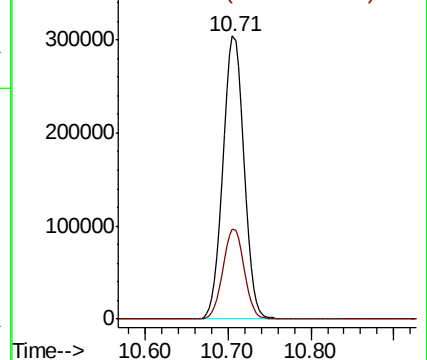
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 468.017 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055747.D

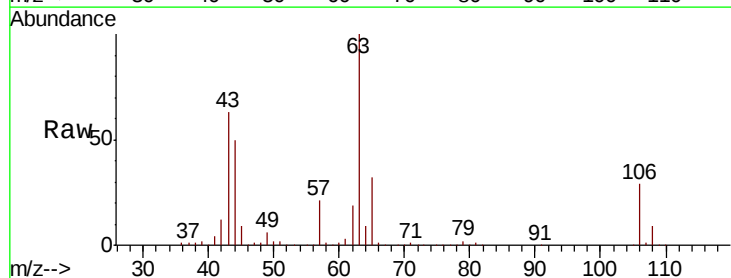
Acq: 23 May 2019 11:00

Tgt Ion: 63 Resp: 1026546

Ion Ratio Lower Upper

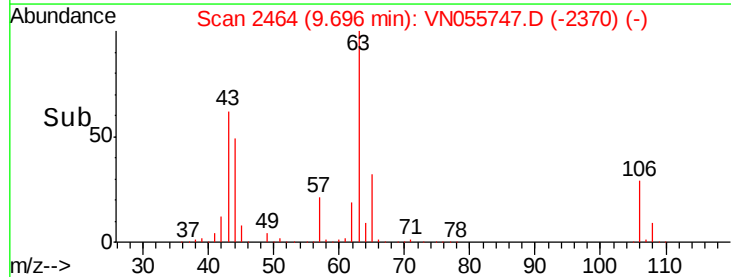
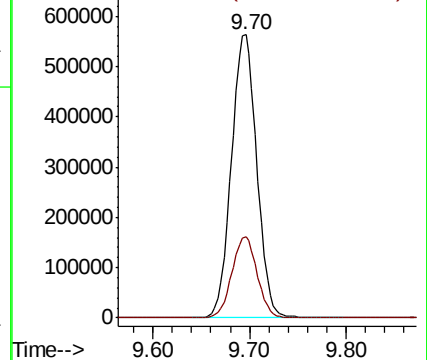
63 100

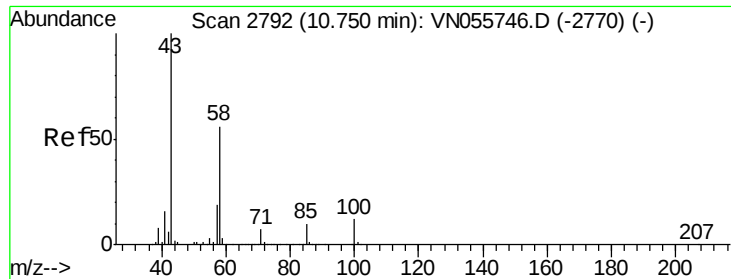
106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

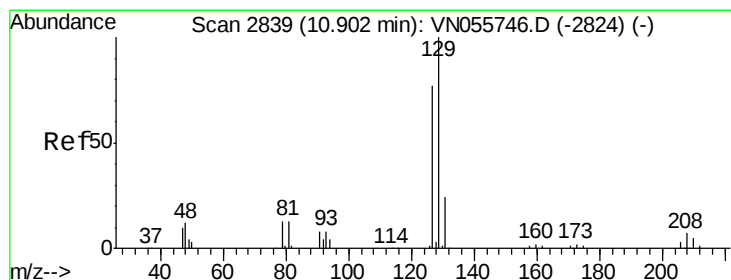
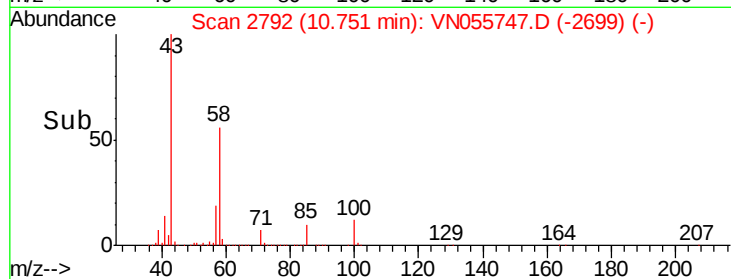
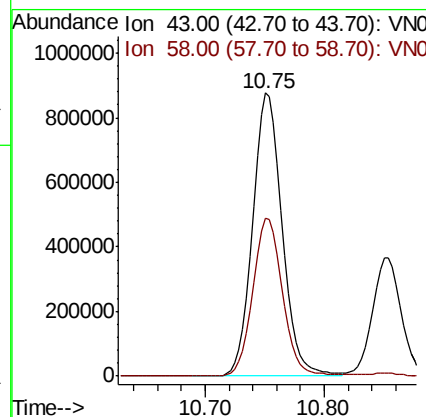
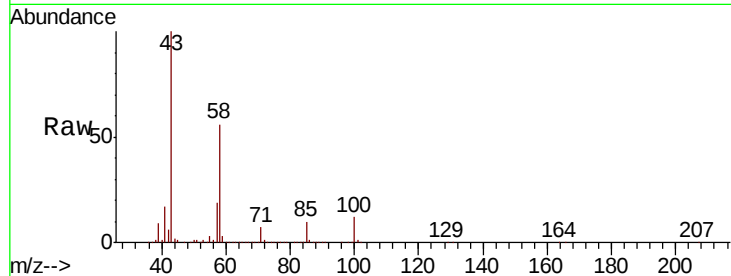




#59
2-Hexanone
Concen: 519.272 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

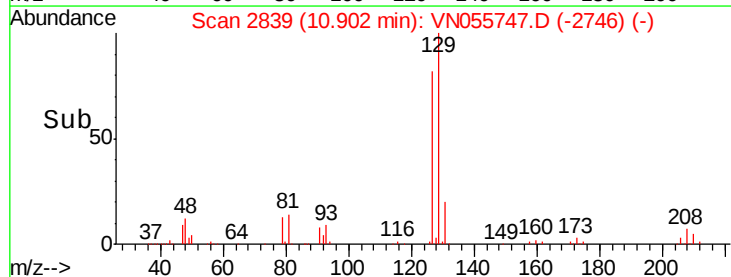
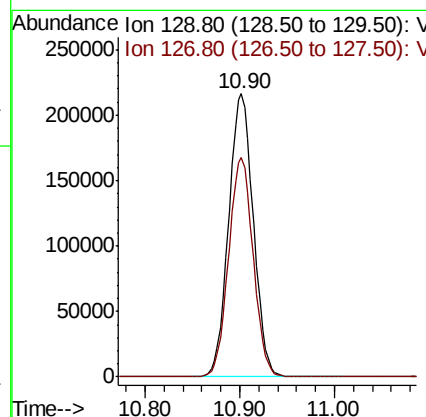
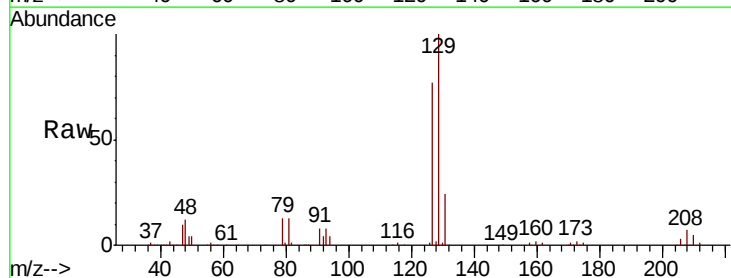
Instrument :
MSVOA_N
ClientSampleId :

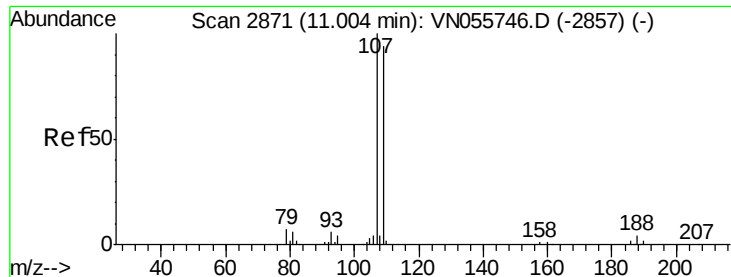
Tot Ion: 43 Resp: 1504964
Ion Ratio Lower Upper
43 100
58 56.4 28.2 84.7



#60
Dibromochloromethane
Concen: 102.247 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 129 Resp: 392001
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.3

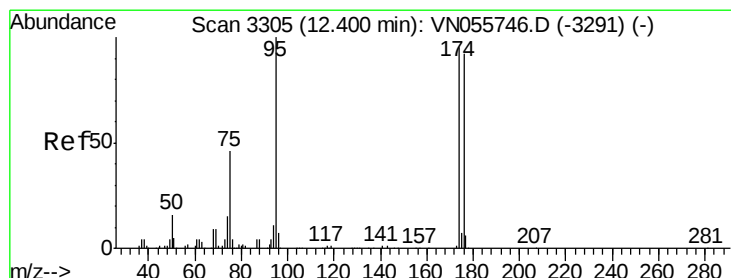
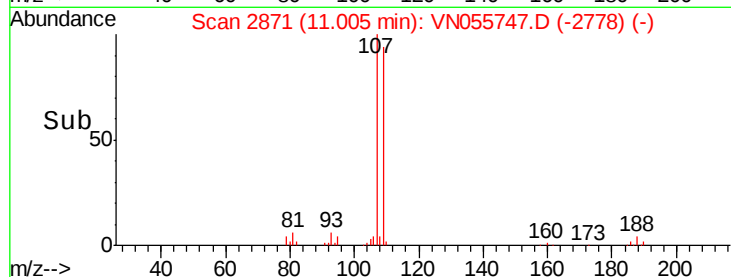
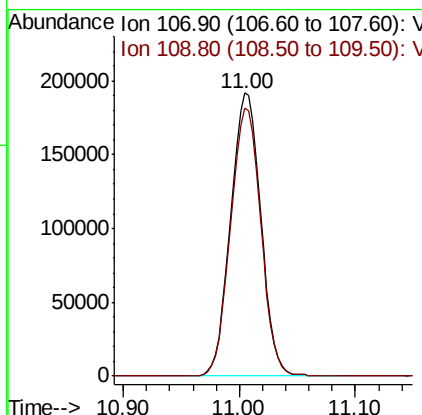
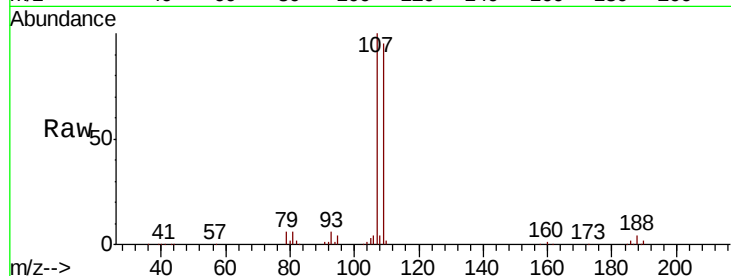




#61
 1,2-Dibromoethane
 Concen: 101.842 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

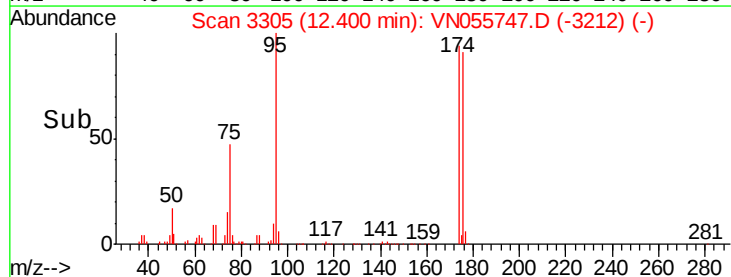
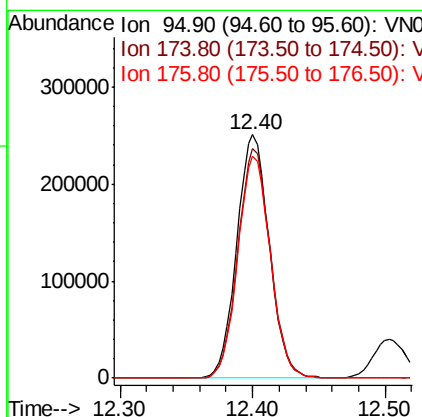
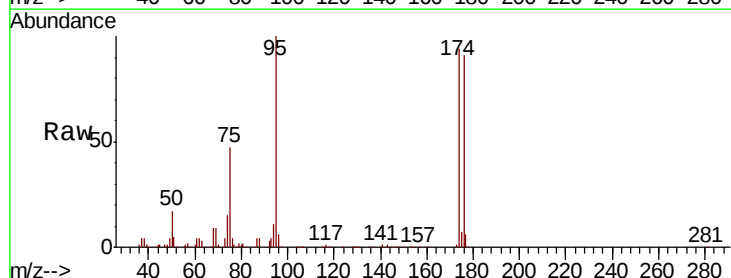
Instrument :
 MSVOA_N
 ClientSampled :

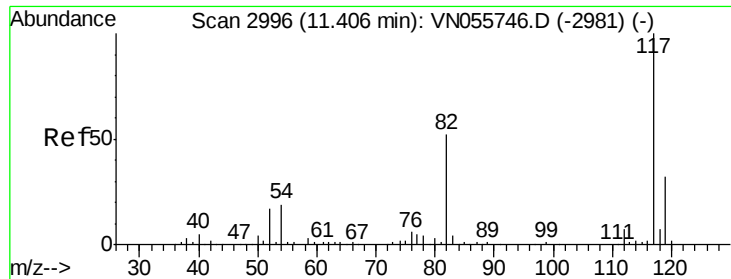
Tot Ion:107 Resp: 344924
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 102.933 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion: 95 Resp: 426422
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 191.0
 176 91.3 0.0 185.2

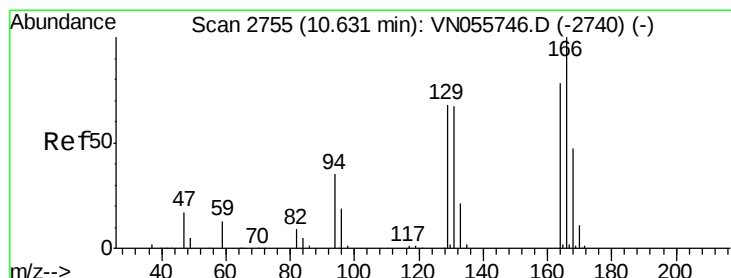
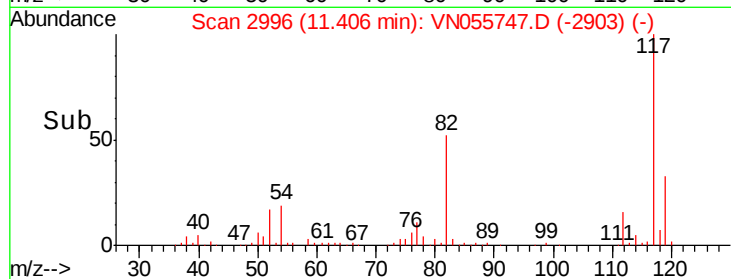
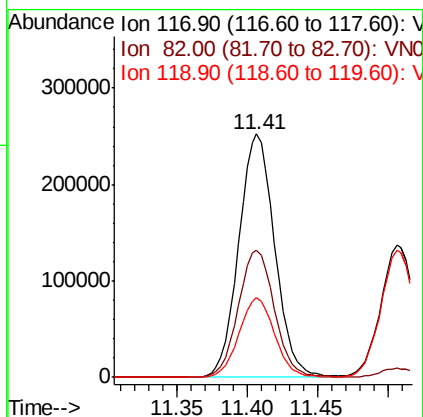
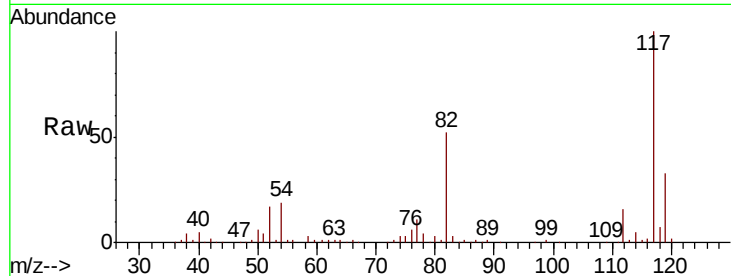




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

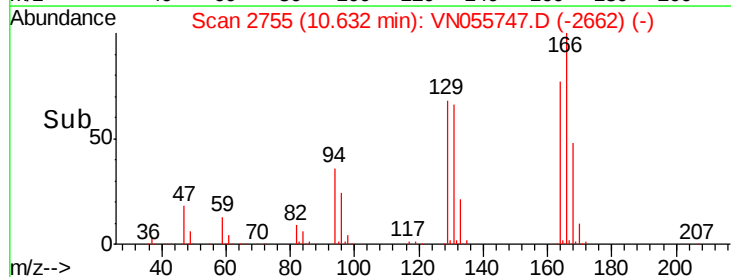
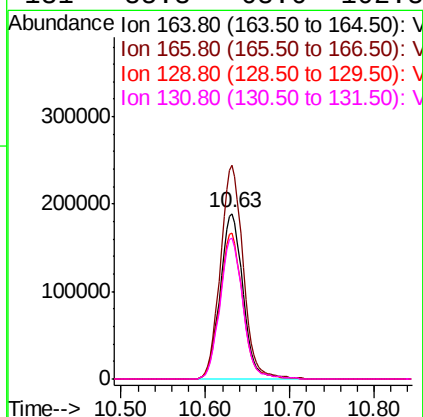
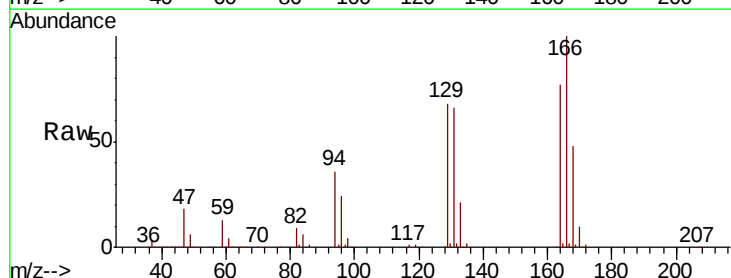
Instrument :
MSVOA_N
ClientSampleId :

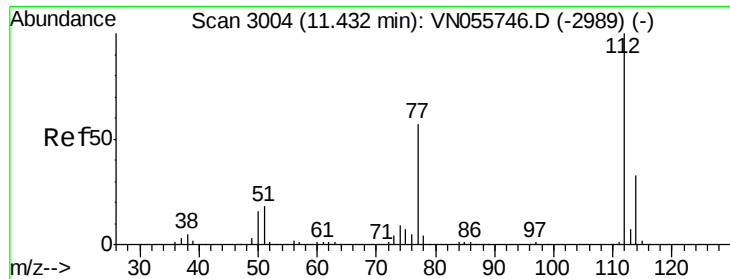
Tot Ion:117 Resp: 451890
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 98.984 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion:164 Resp: 355526
Ion Ratio Lower Upper
164 100
166 129.2 103.0 154.6
129 88.0 70.6 105.8
131 85.3 68.6 102.8

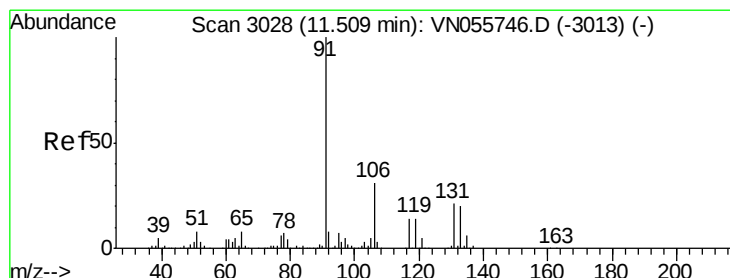
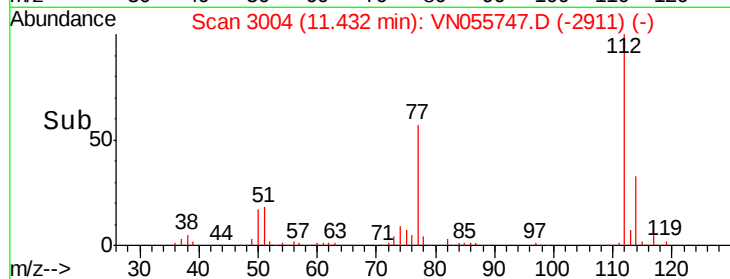
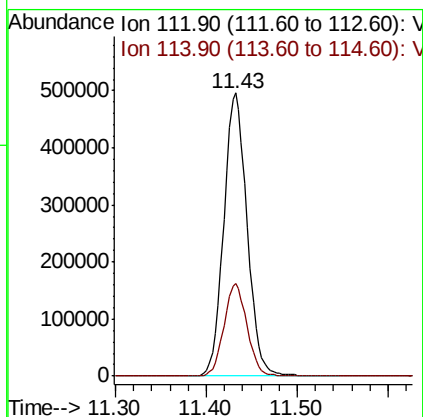
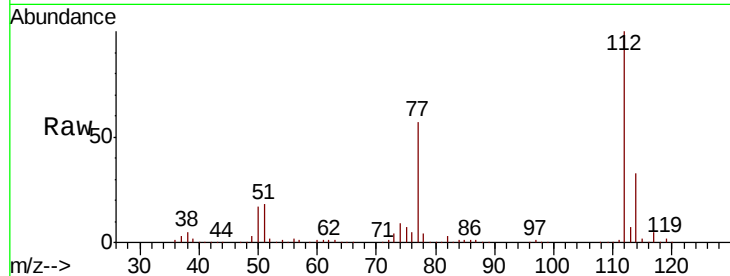




#65
Chlorobenzene
Concen: 96.683 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

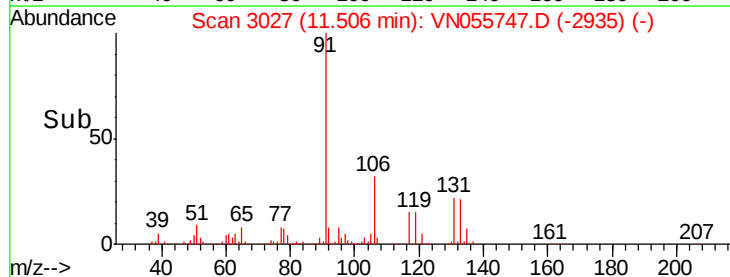
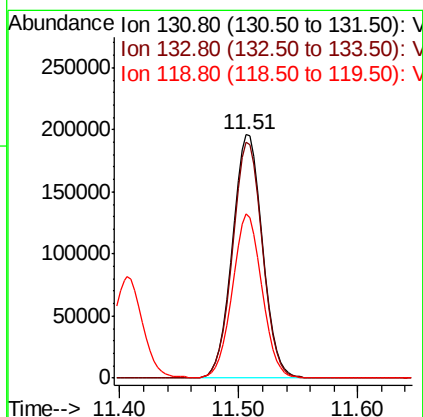
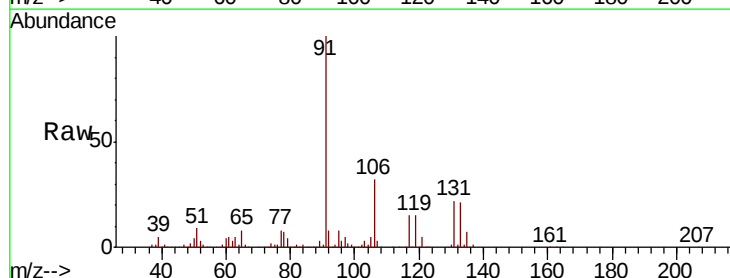
Instrument :
MSVOA_N
ClientSampled :

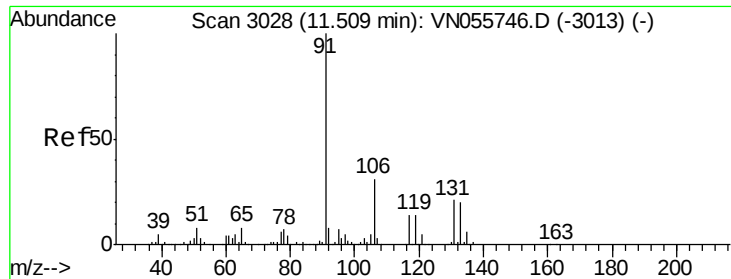
Tot Ion:112 Resp: 882184
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 93.805 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion:131 Resp: 343939
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 66.2 33.1 99.5

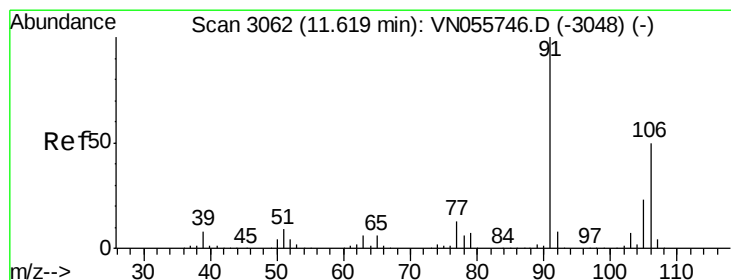
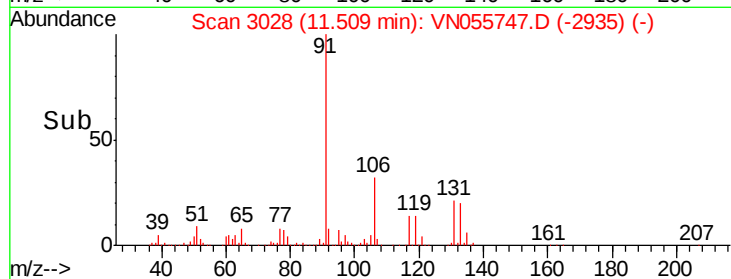
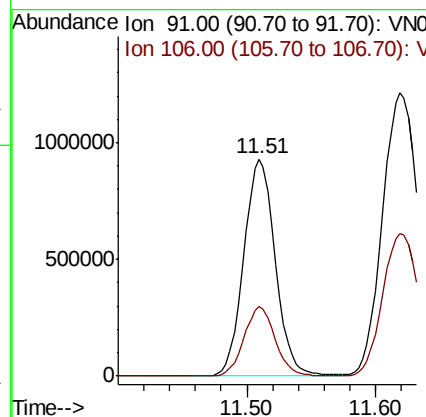
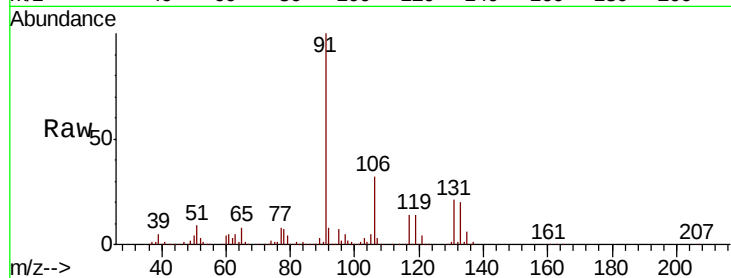




#67
Ethyl Benzene
Concen: 96.758 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

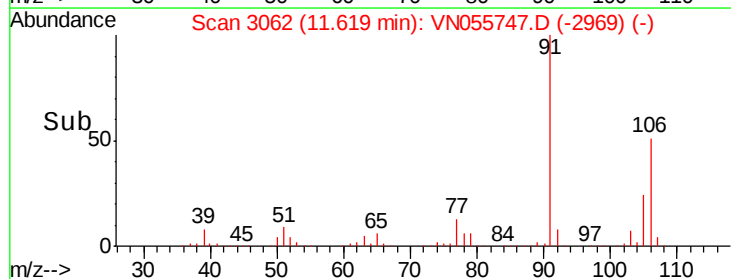
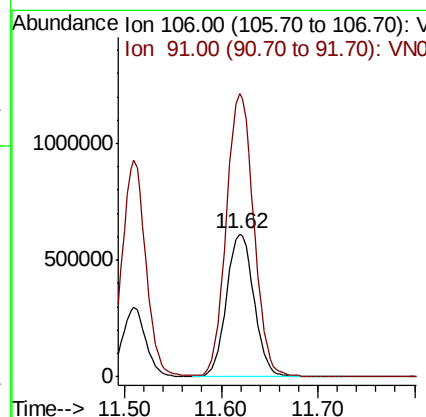
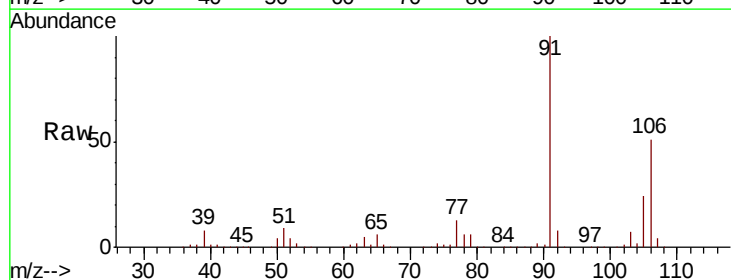
Instrument :
MSVOA_N
ClientSampled :

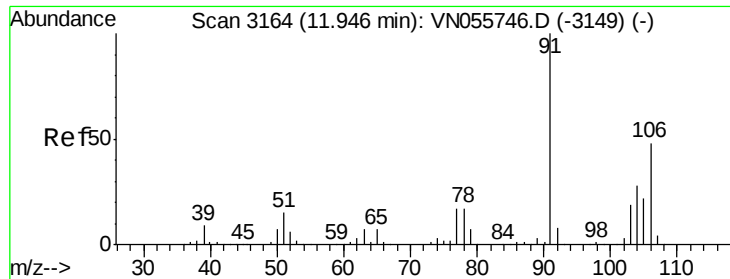
Tot Ion: 91 Resp: 1576662
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 197.172 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion: 106 Resp: 1213479
Ion Ratio Lower Upper
106 100
91 197.7 159.3 238.9

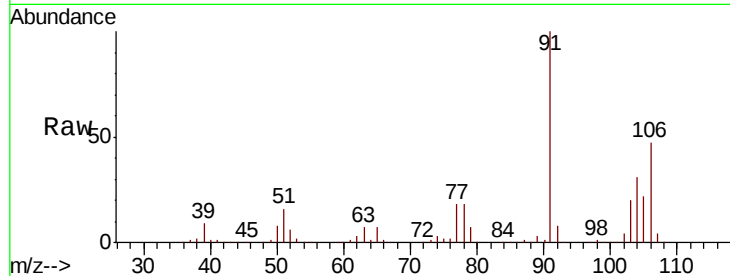




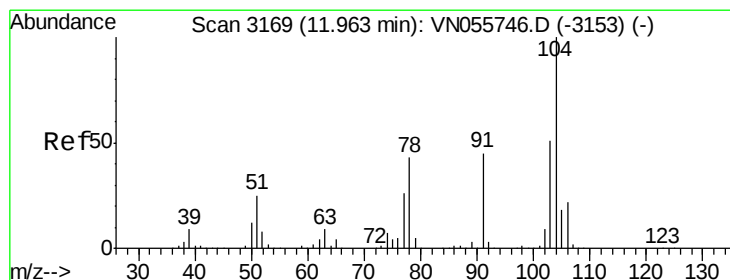
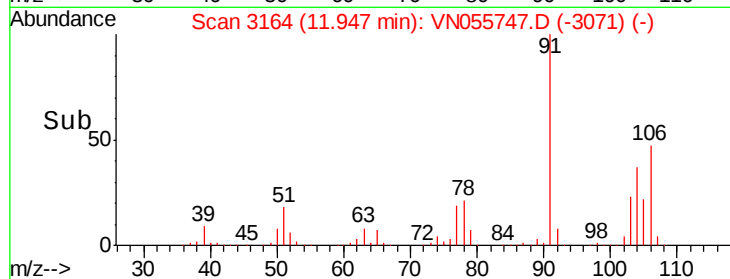
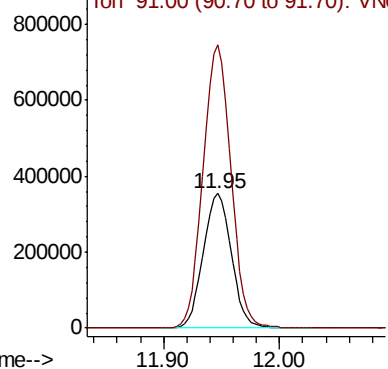
#69
o-Xylene
Concen: 98.179 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 592820
Ion Ratio Lower Upper
106 100
91 208.9 104.7 314.1

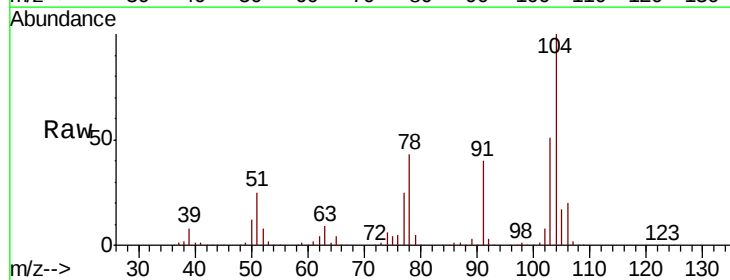


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

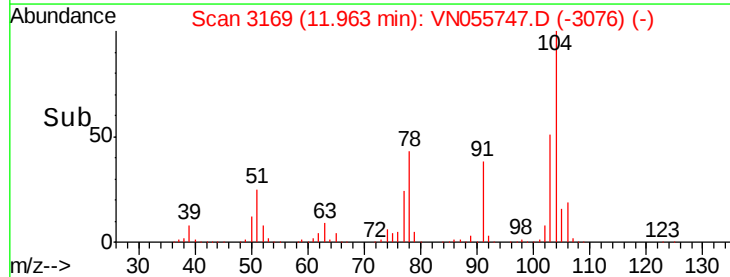
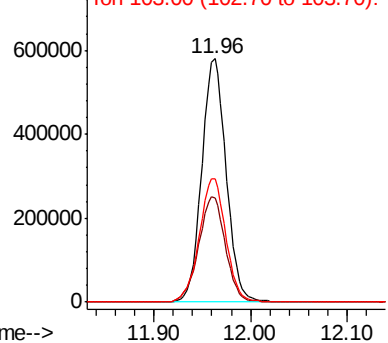


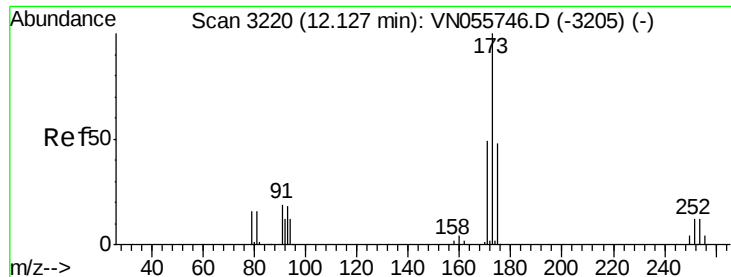
#70
Styrene
Concen: 101.606 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion:104 Resp: 1017328
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.6
103 54.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 101.626 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

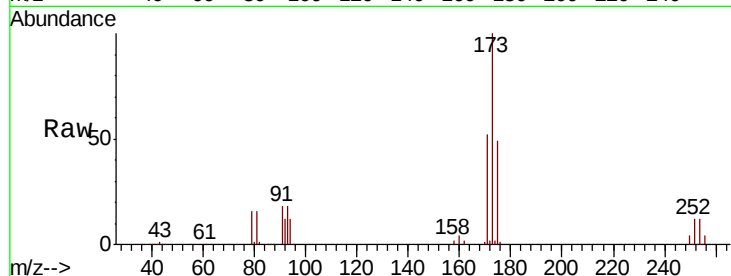
Tot Ion:173 Resp: 316562

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

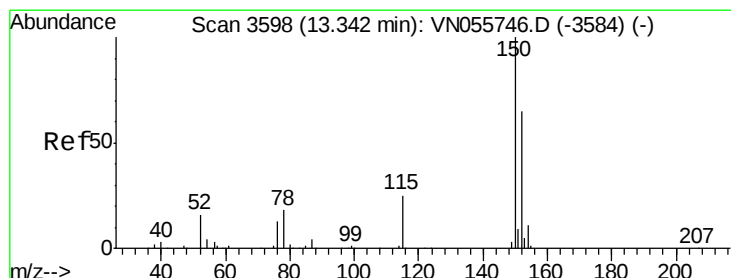
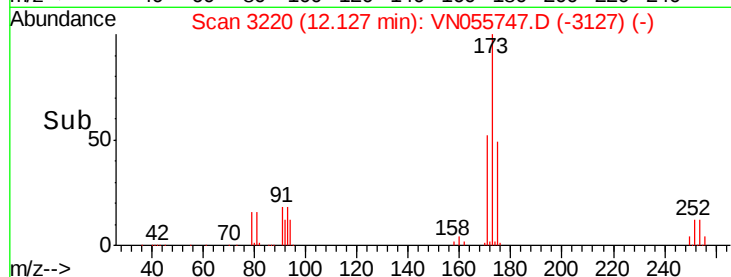
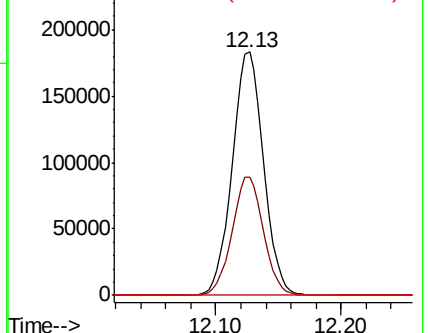
254 0.1 0.0 0.0#



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: VN055747.D

Acq: 23 May 2019 11:00

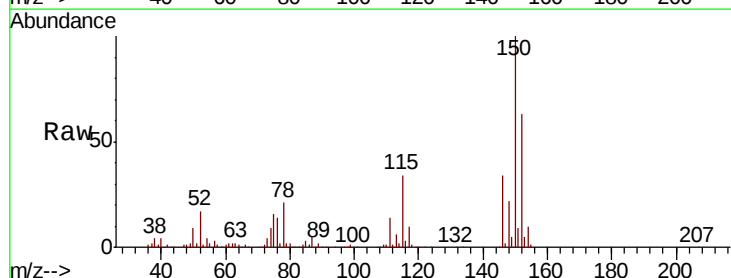
Tgt Ion:152 Resp: 223287

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

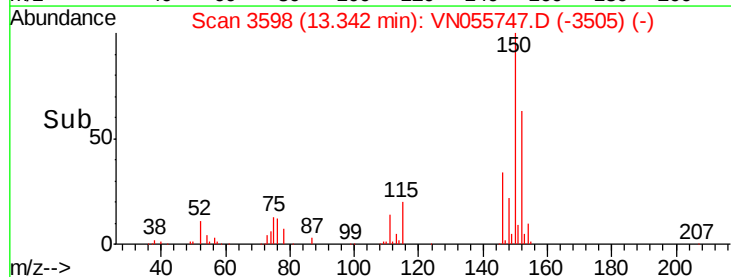
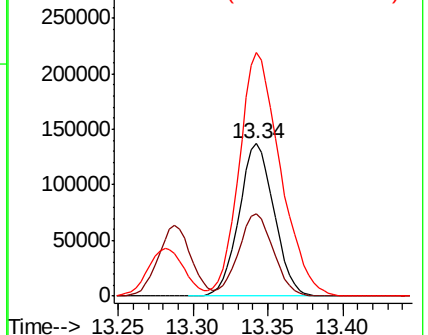
150 187.5 0.0 343.2

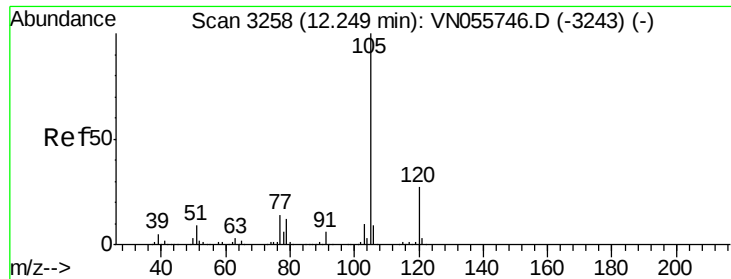


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 84.426 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

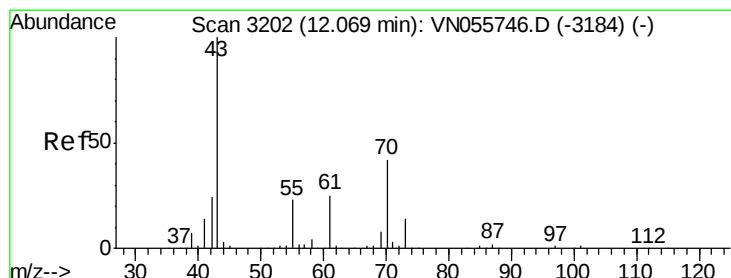
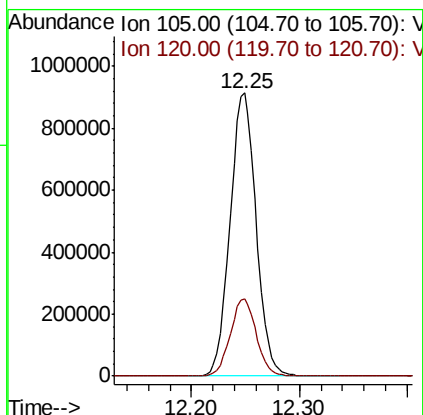
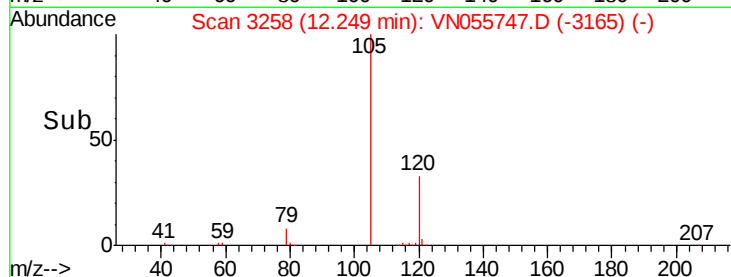
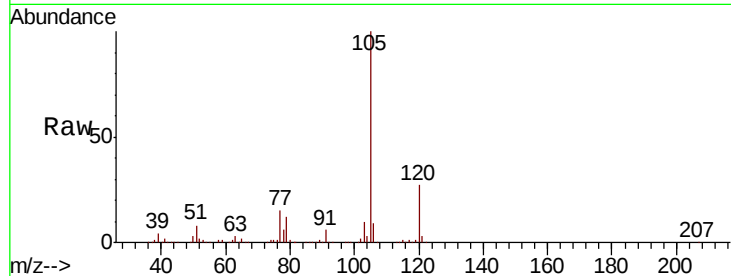
ClientSampled :

Tot Ion:105 Resp: 1540327

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#74

N-ethyl acetate

Concen: 95.152 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Tgt Ion: 43 Resp: 597573

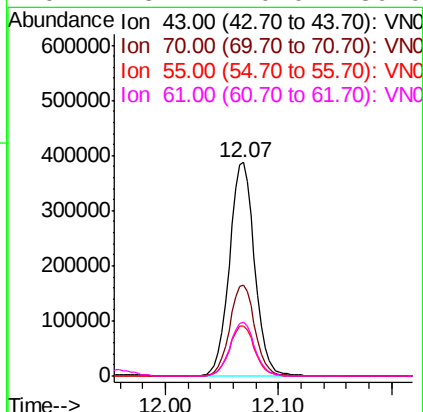
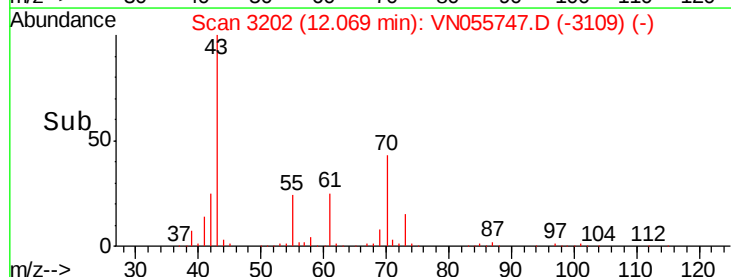
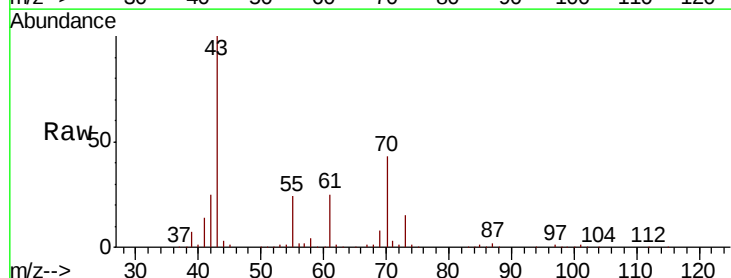
Ion Ratio Lower Upper

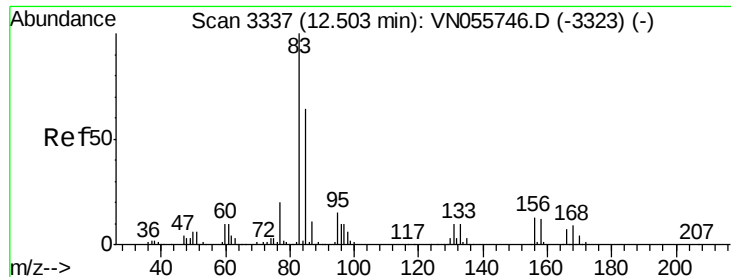
43 100

70 42.9 34.0 51.0

55 23.7 18.6 28.0

61 25.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 82.045 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

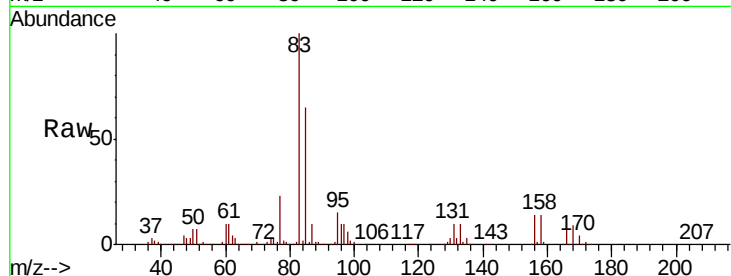
Tot Ion: 83 Resp: 460899

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

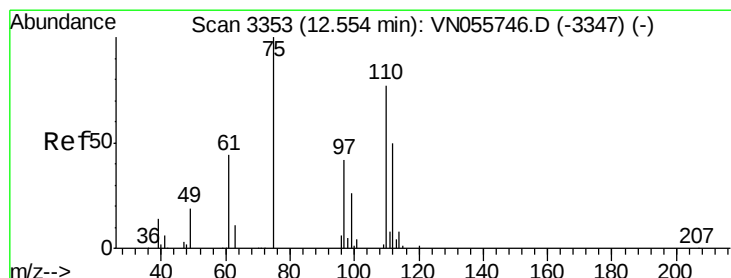
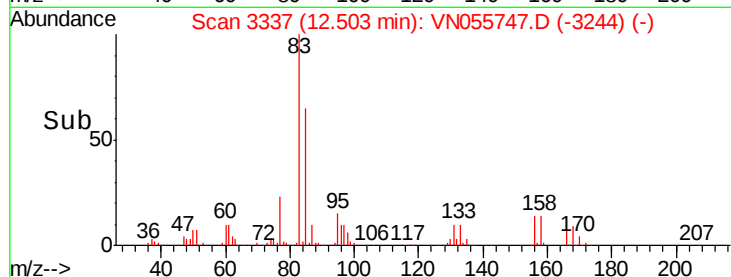
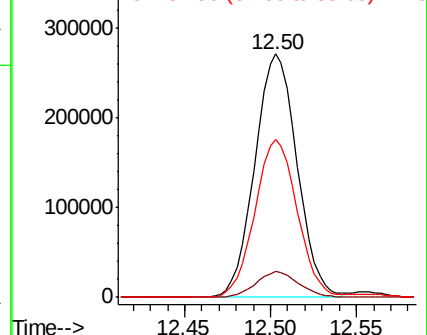
85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055747.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN055747.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN055747.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 127.098 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055747.D

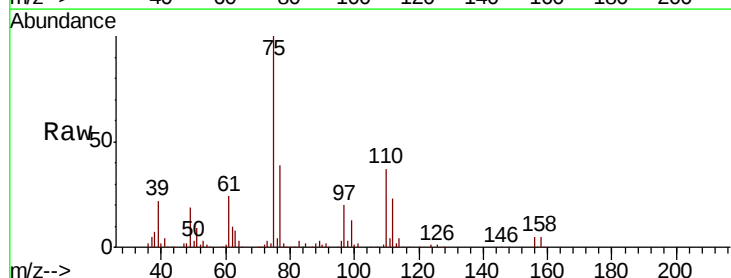
Acq: 23 May 2019 11:00

Tgt Ion: 75 Resp: 584886

Ion Ratio Lower Upper

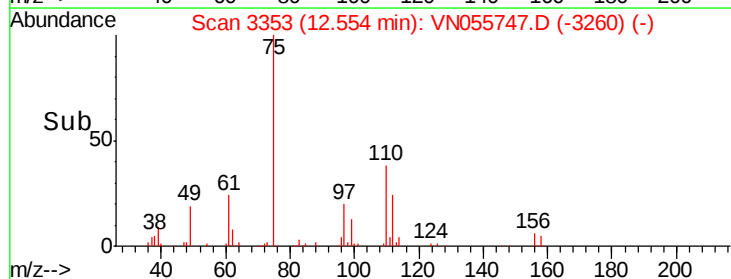
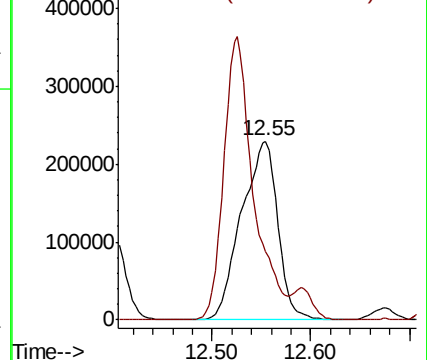
75 100

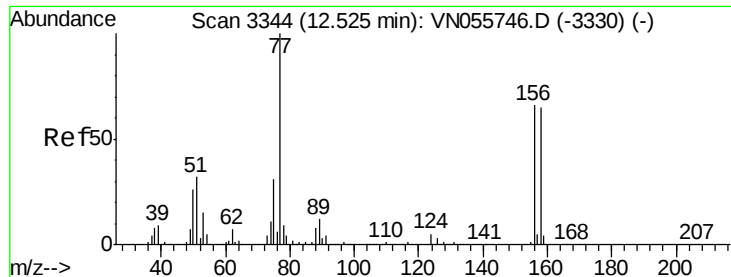
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055747.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN055747.D (-3353) (-)





#77

Bromobenzene

Concen: 92.047 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

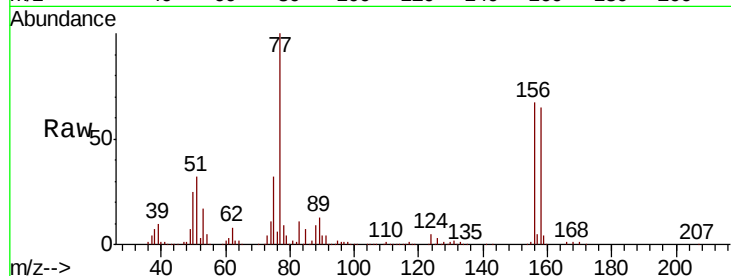
Tot Ion:156 Resp: 424927

Ion Ratio Lower Upper

156 100

77 180.4 90.8 272.5

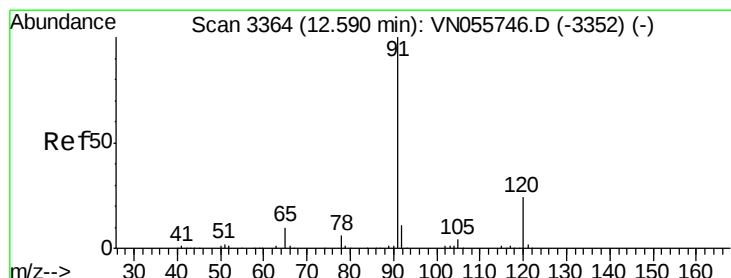
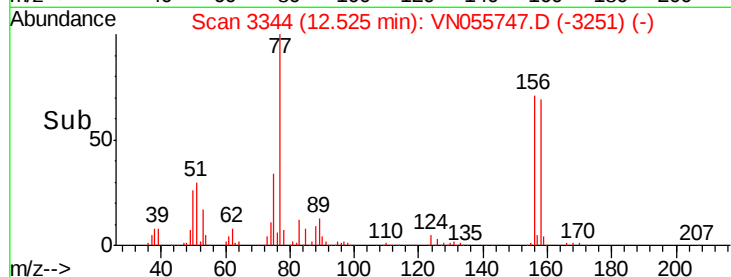
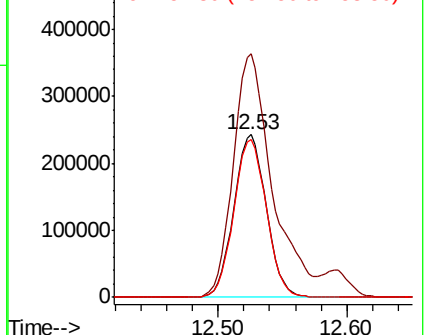
158 97.7 49.3 147.8



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: 87.163 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055747.D

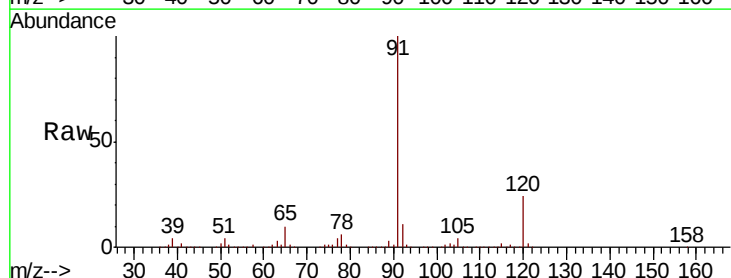
Acq: 23 May 2019 11:00

Tgt Ion: 91 Resp: 1723605

Ion Ratio Lower Upper

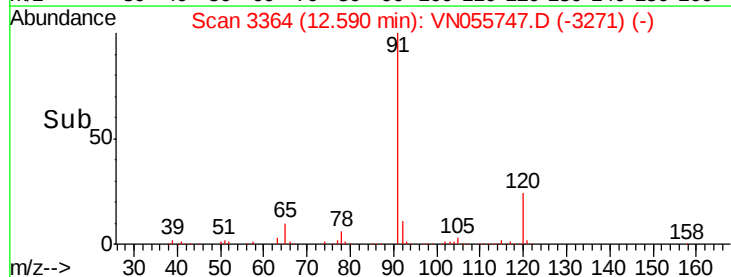
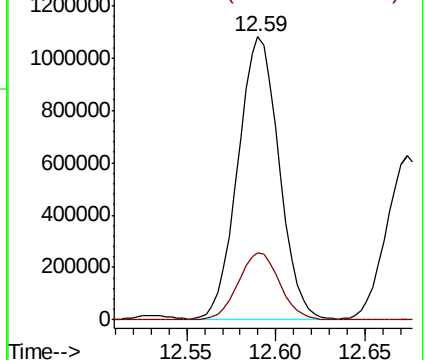
91 100

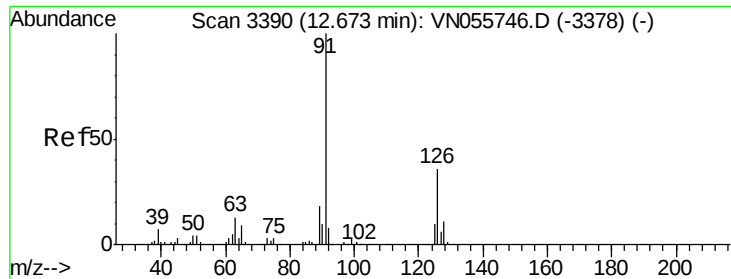
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 85.252 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

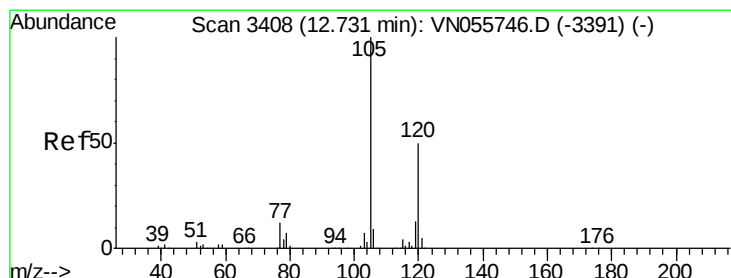
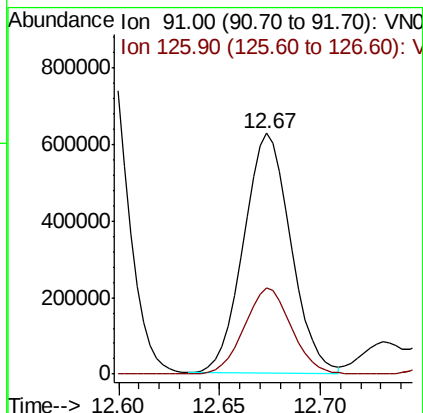
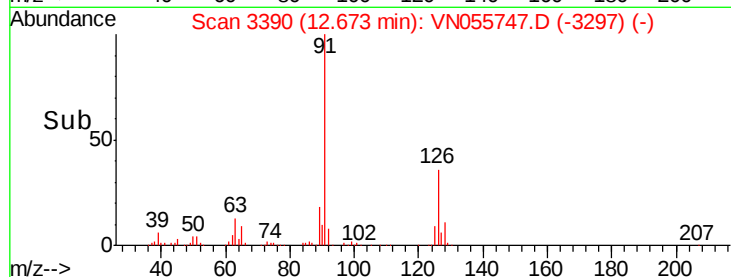
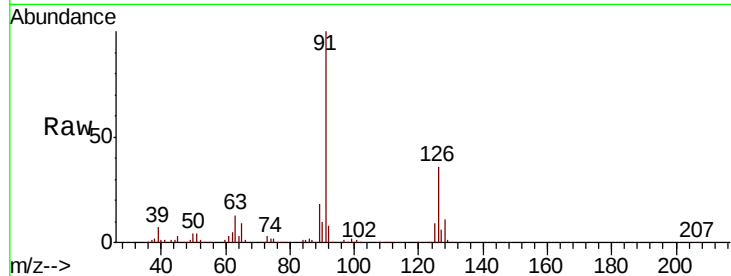
ClientSampled :

Tot Ion: 91 Resp: 1026961

Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 85.674 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055747.D

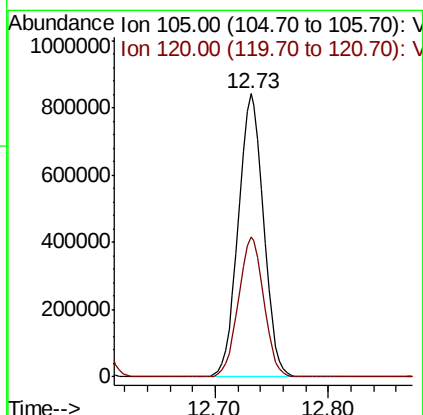
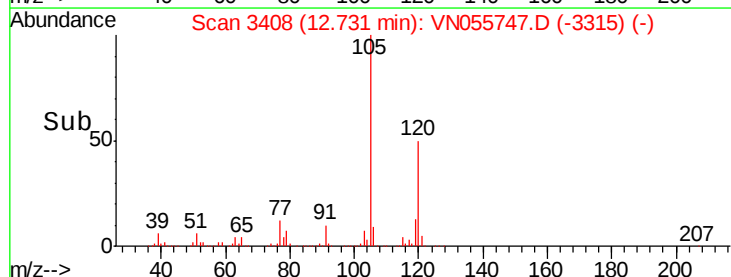
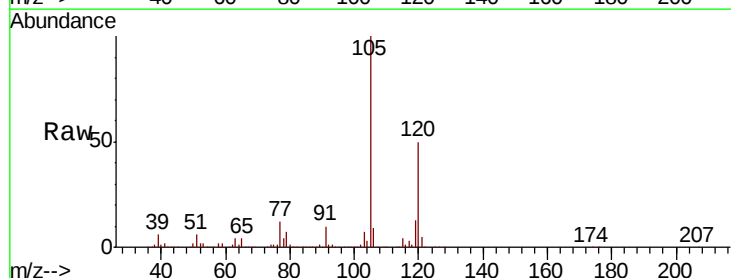
Acq: 23 May 2019 11:00

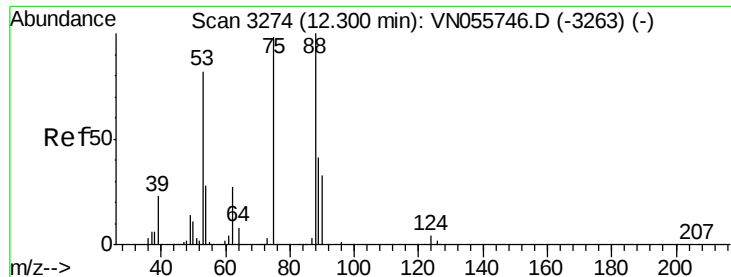
Tgt Ion:105 Resp: 1312800

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 90.032 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

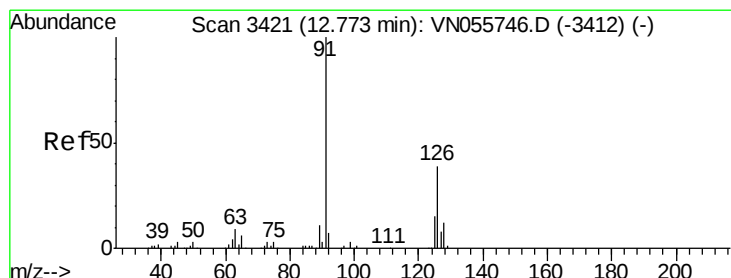
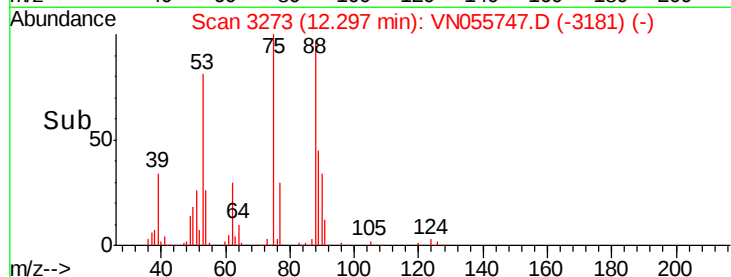
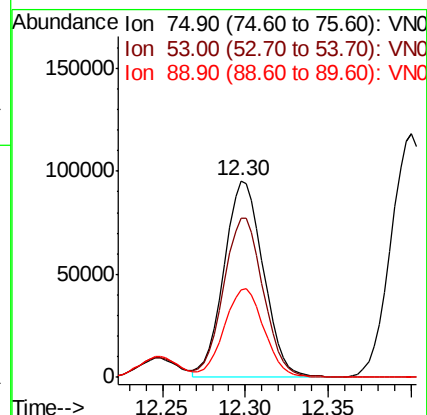
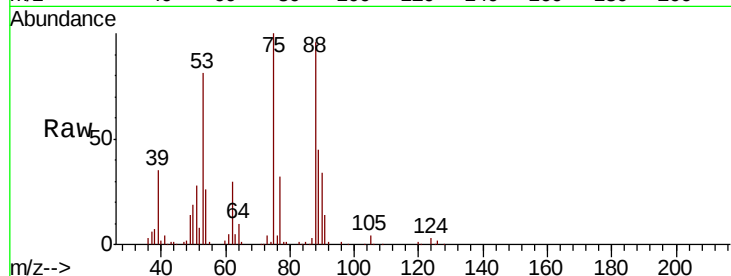
Tot Ion: 75 Resp: 157640

Ion Ratio Lower Upper

75 100

53 82.4 68.1 102.1

89 45.9 36.9 55.3



#82

4-Chlorotoluene

Concen: 88.852 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055747.D

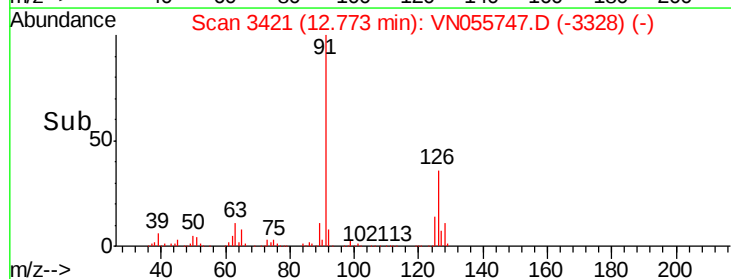
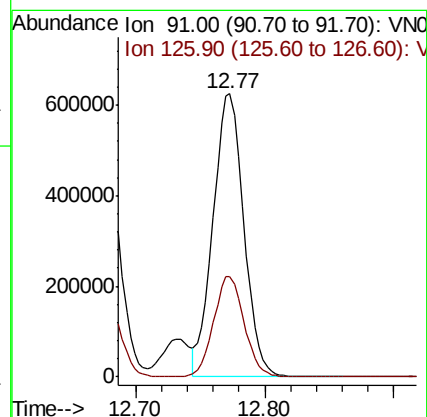
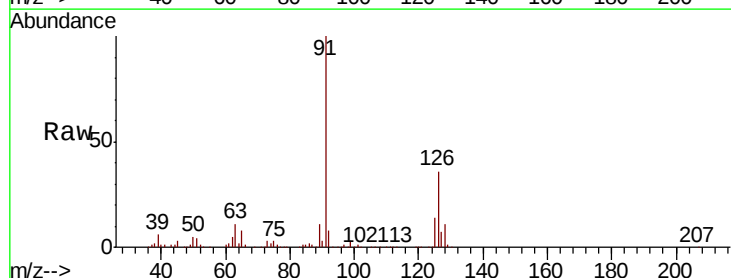
Acq: 23 May 2019 11:00

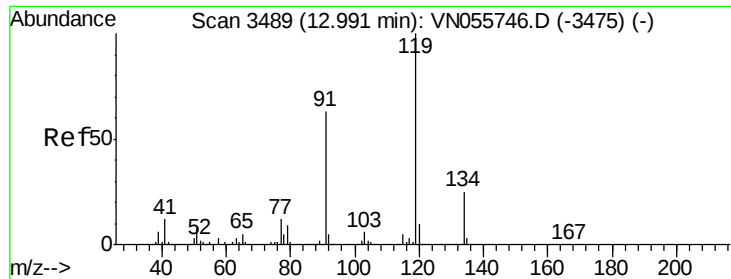
Tgt Ion: 91 Resp: 1035882

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.3

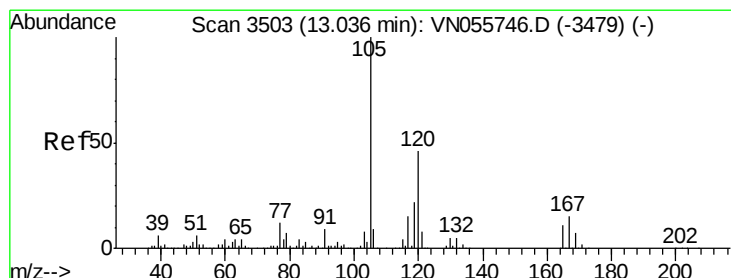
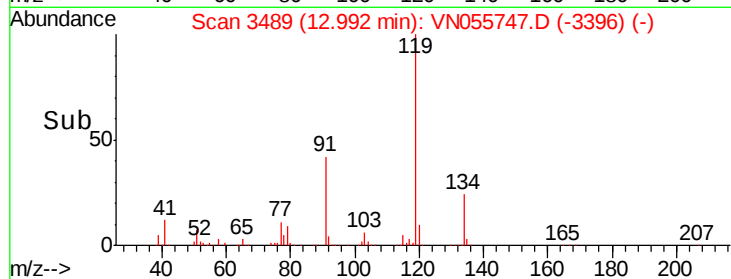
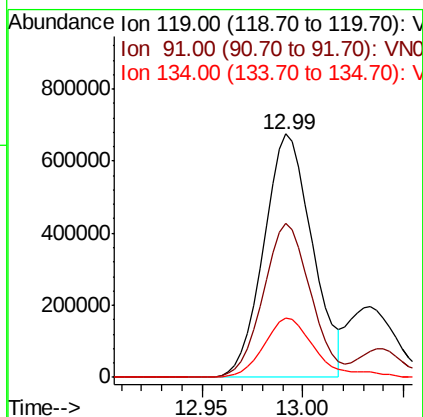
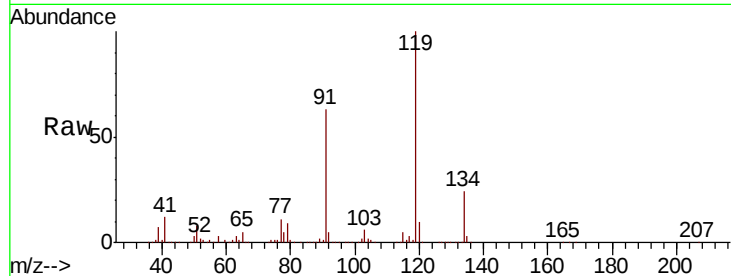




#83
tert-Butylbenzene
Concen: 83.940 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

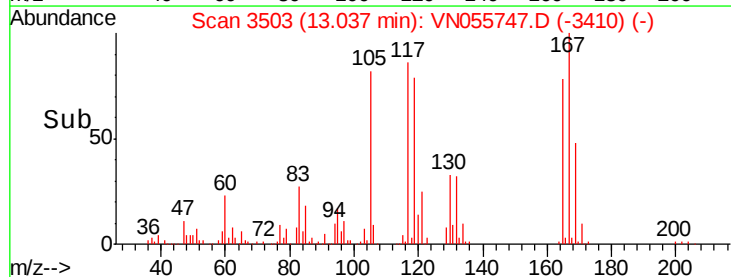
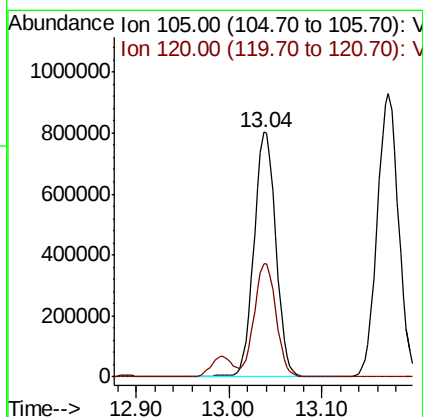
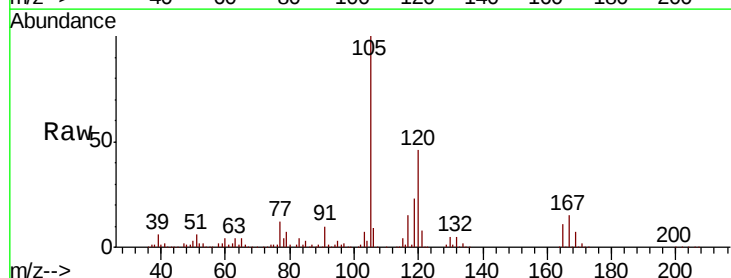
Instrument :
MSVOA_N
ClientSampled :

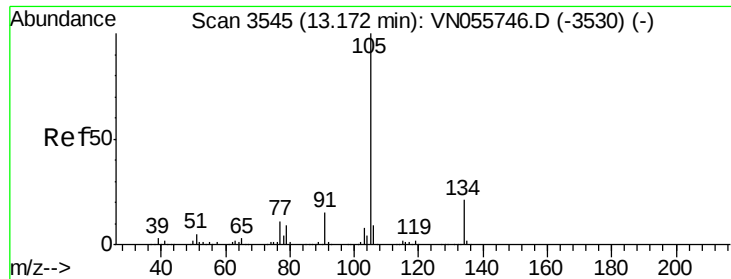
Tot Ion:119 Resp: 1128598
Ion Ratio Lower Upper
119 100
91 61.8 30.9 92.8
134 26.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 87.120 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion:105 Resp: 1314753
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 86.583 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

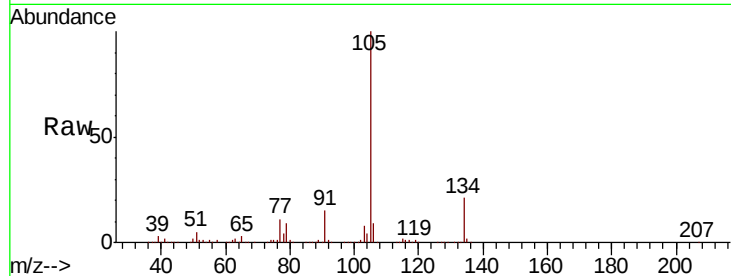
ClientSampled :

Tot Ion:105 Resp: 1478203

Ion Ratio Lower Upper

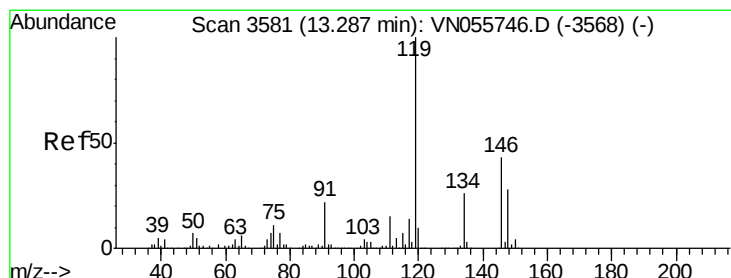
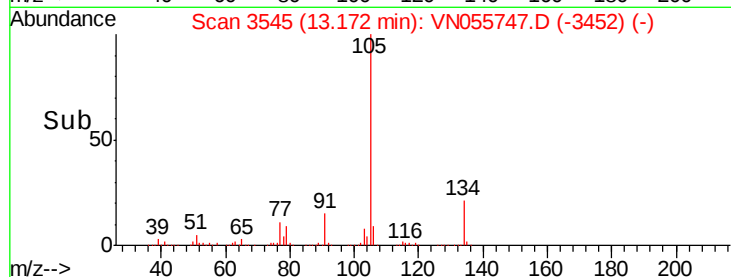
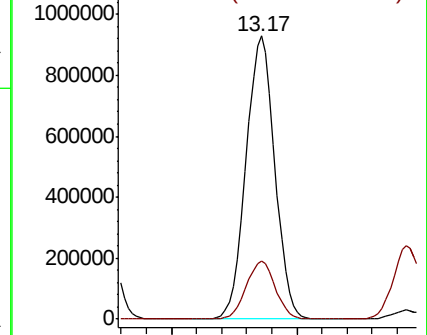
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 88.141 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

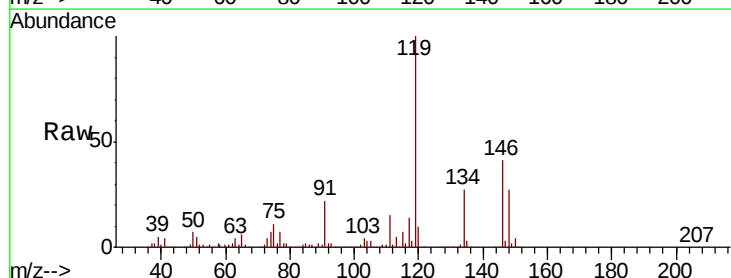
Tgt Ion:119 Resp: 1383129

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

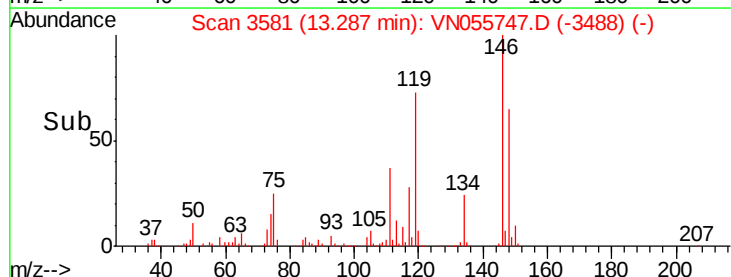
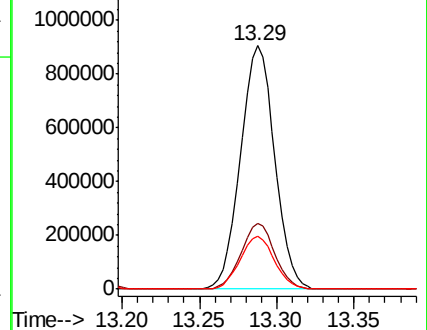
91 21.7 10.9 32.9

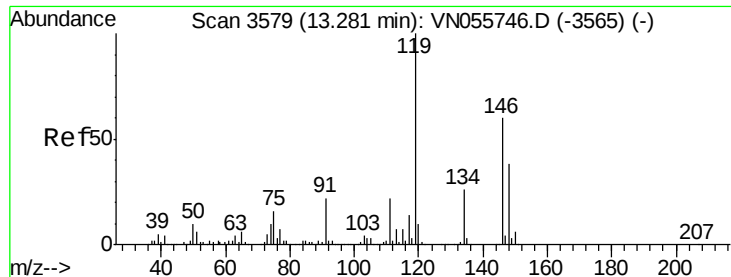


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

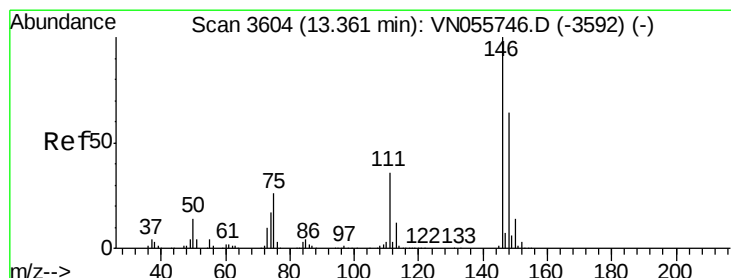
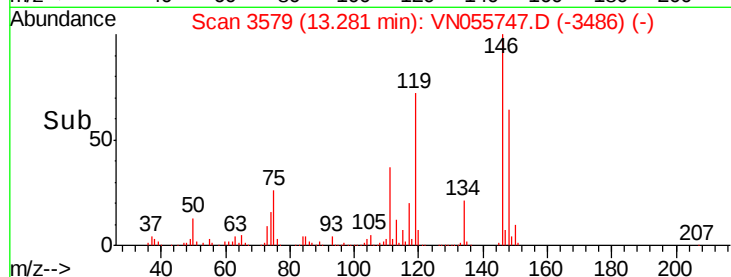
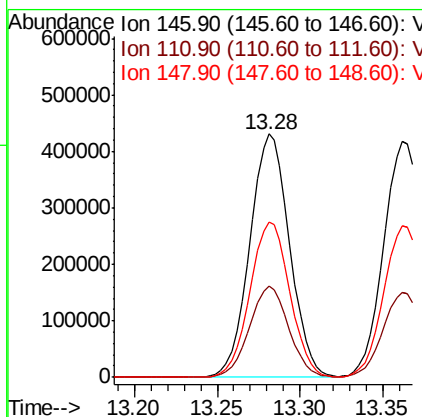
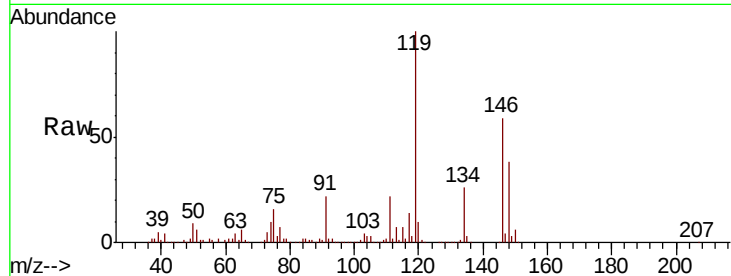




#87
 1,3-Dichlorobenzene
 Concen: 94.684 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

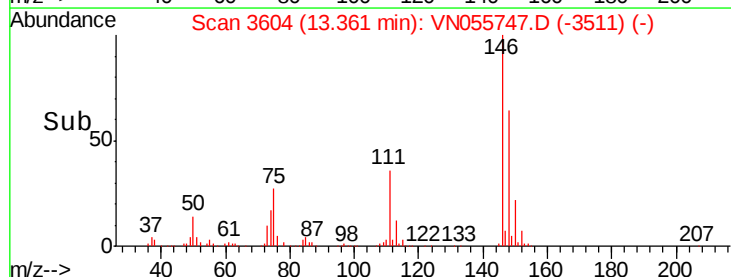
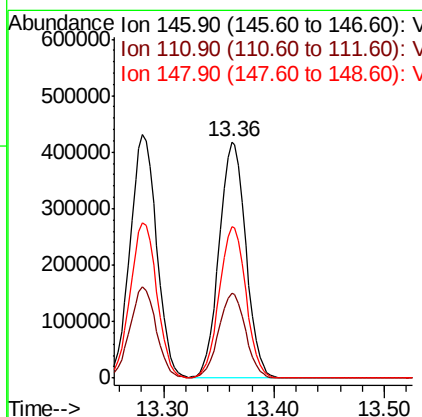
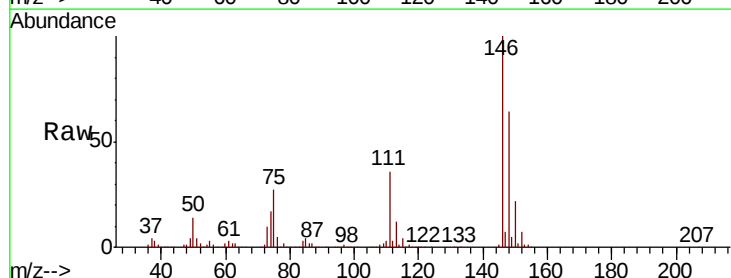
Instrument :
 MSVOA_N
 ClientSampled :

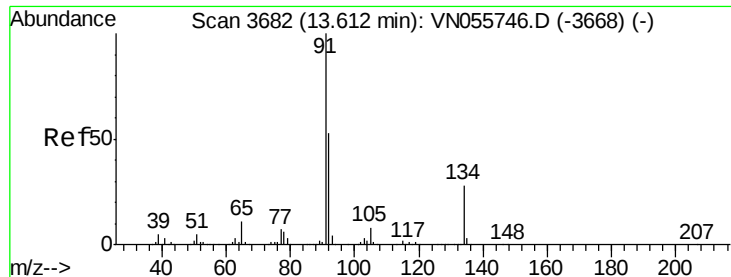
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.5	55.5
148	64.2	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 97.019 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.1	54.4
148	64.4	32.1	96.5





#89

n-Butylbenzene

Concen: 93.430 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampled :

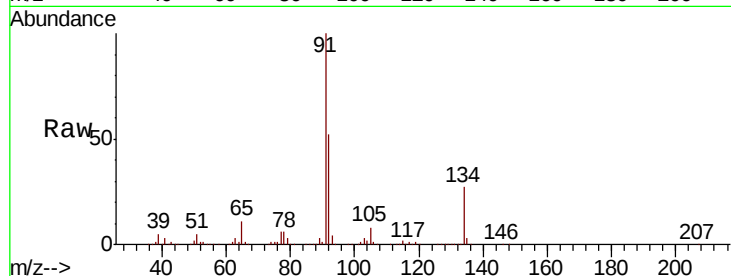
Tot Ion: 91 Resp: 1138974

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

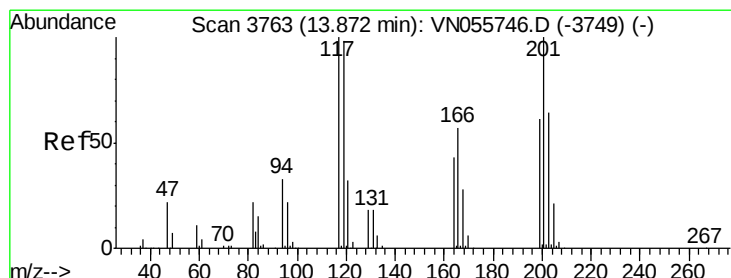
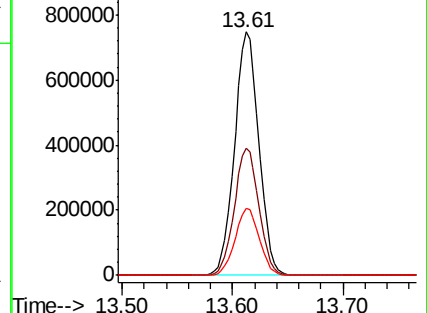
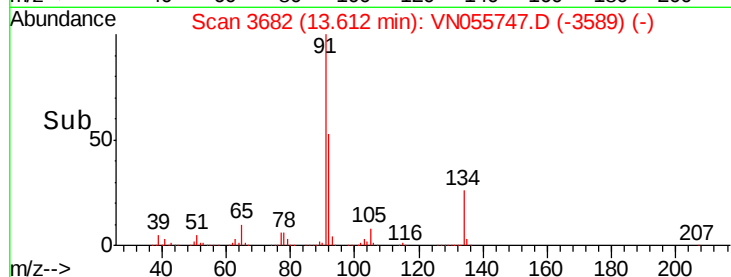
134 27.6 13.9 41.7



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: 86.504 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055747.D

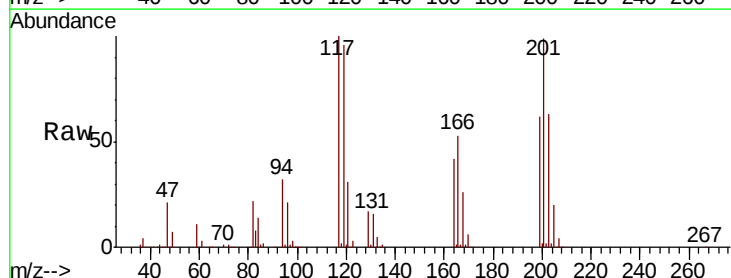
Acq: 23 May 2019 11:00

Tgt Ion: 117 Resp: 259118

Ion Ratio Lower Upper

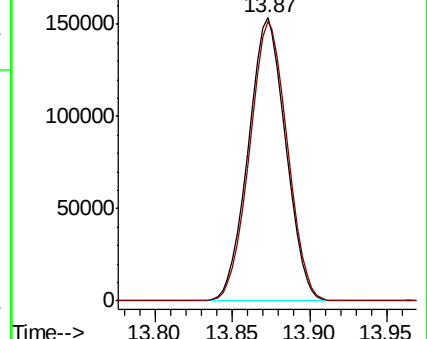
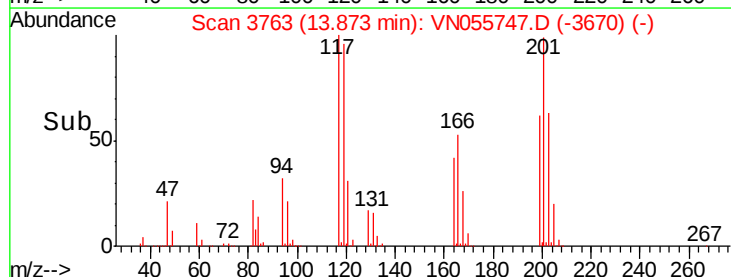
117 100

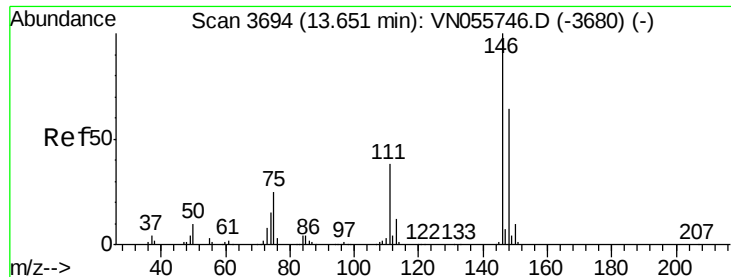
201 99.4 50.0 150.0



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: 92.202 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

Instrument :

MSVOA_N

ClientSampleId :

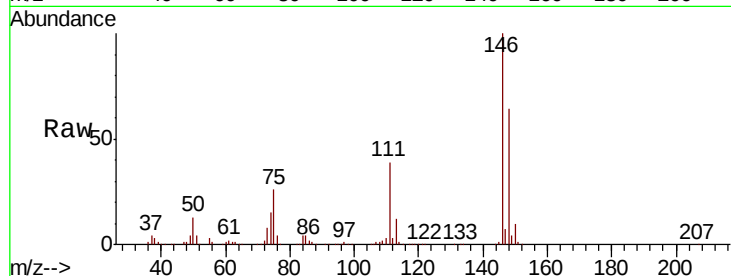
Tot Ion:146 Resp: 696964

Ion Ratio Lower Upper

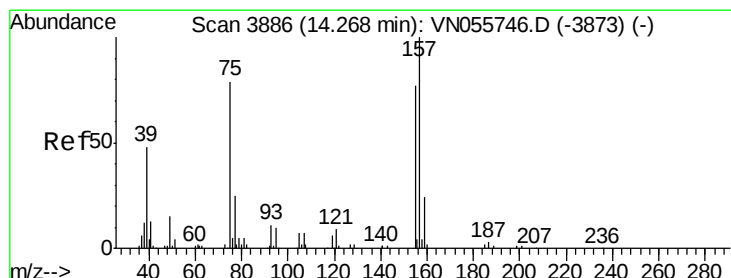
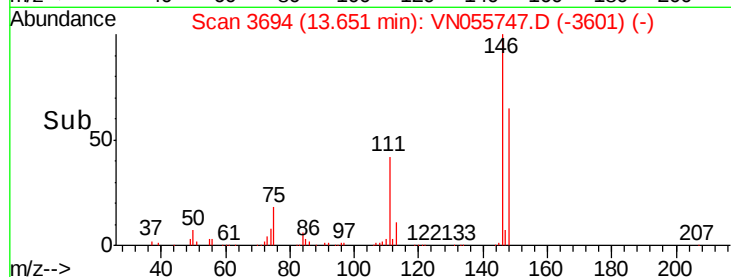
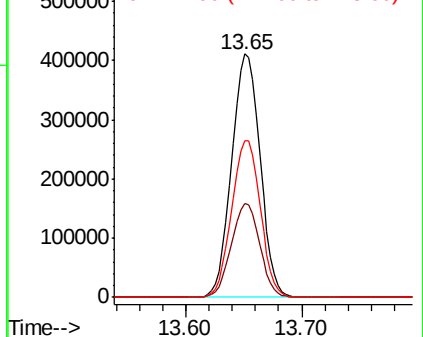
146 100

111 38.5 19.1 57.5

148 64.8 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 89.815 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055747.D

Acq: 23 May 2019 11:00

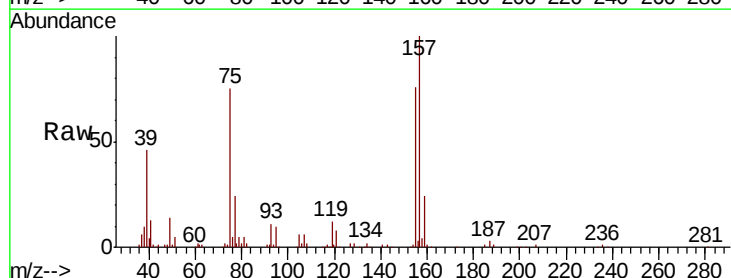
Tgt Ion: 75 Resp: 89769

Ion Ratio Lower Upper

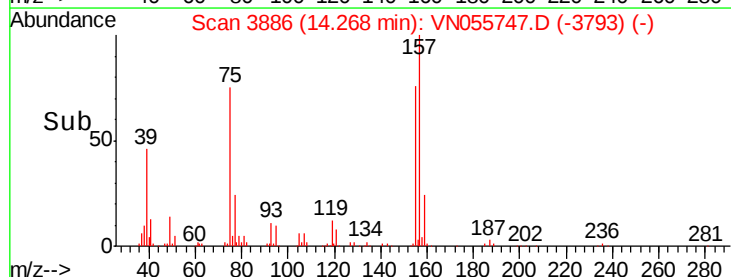
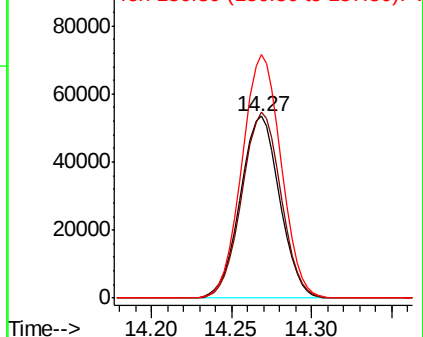
75 100

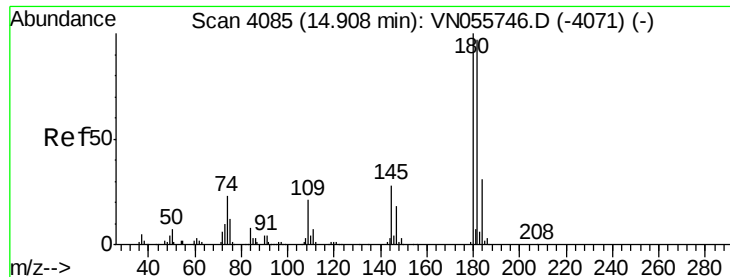
155 101.7 50.0 150.1

157 133.1 64.8 194.3



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

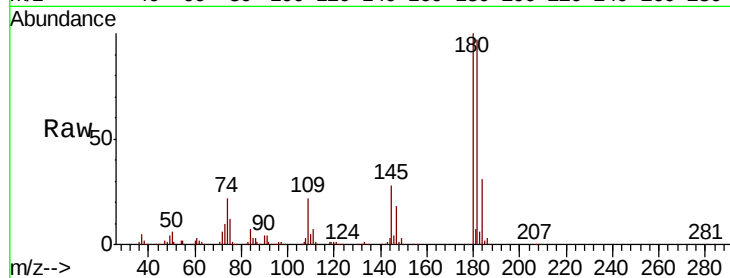




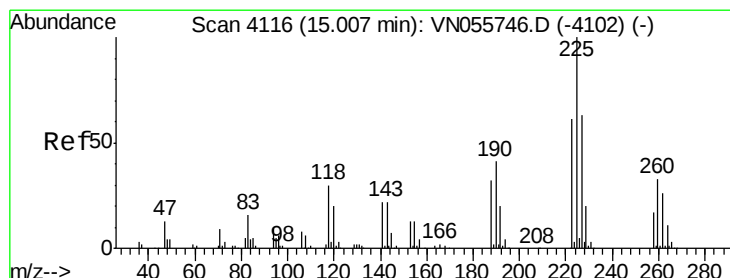
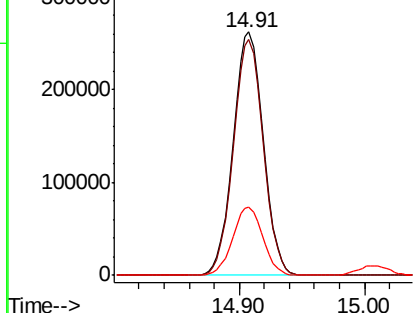
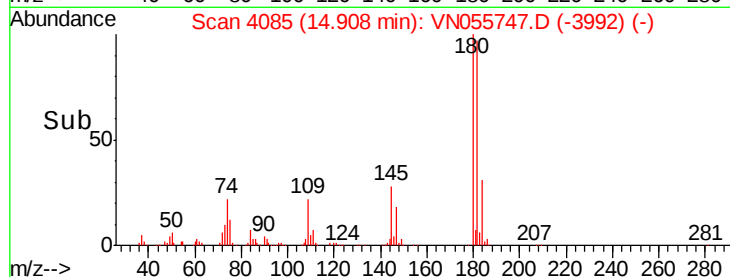
#93
 1,2,4-Trichlorobenzene
 Concen: 114.998 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.3	144.9
145	28.2	14.0	41.9

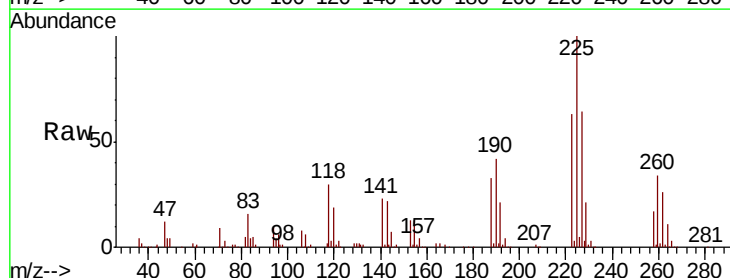


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

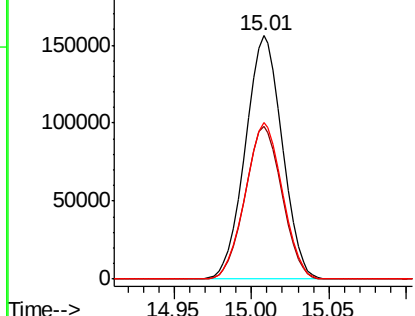
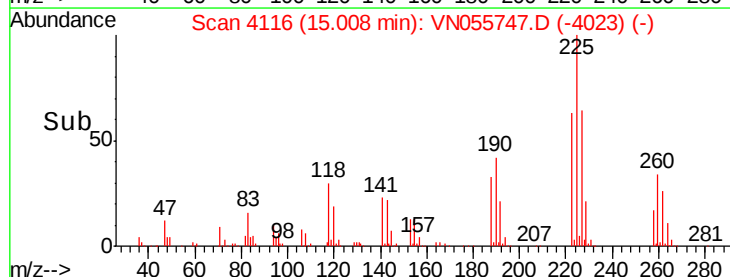


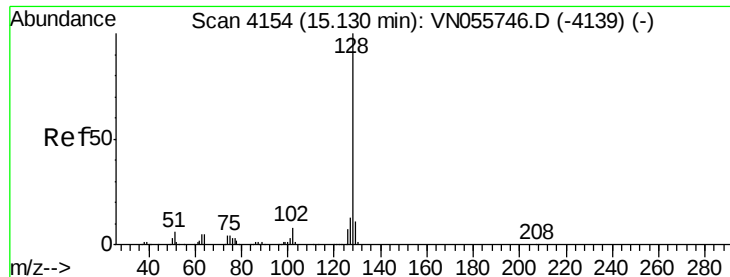
#94
 Hexachlorobutadiene
 Concen: 96.378 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055747.D
 Acq: 23 May 2019 11:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	64.5	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

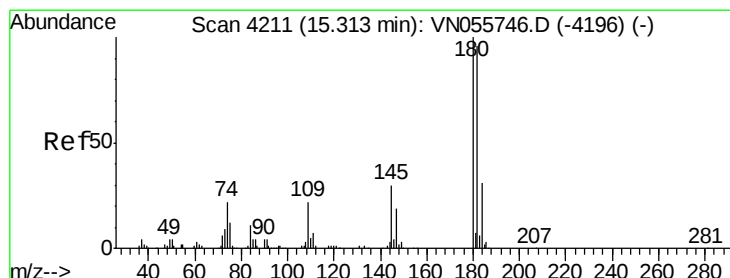
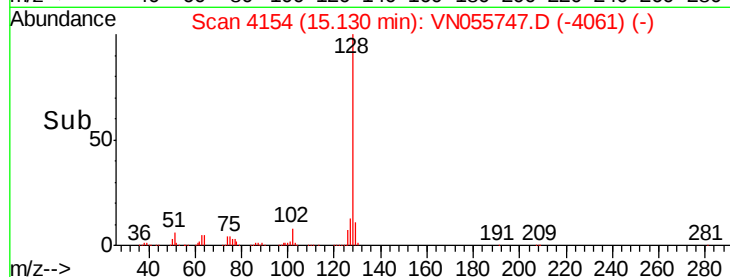
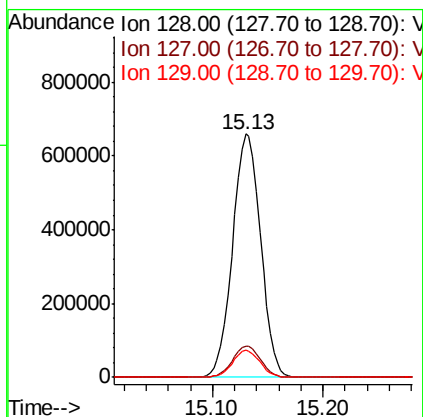
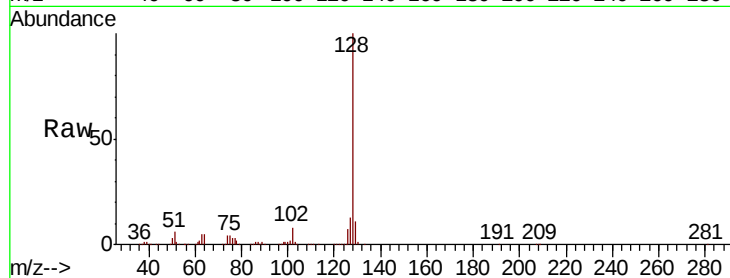




#95
Naphthalene
Concen: 113.293 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 1162390
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 109.080 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055747.D
Acq: 23 May 2019 11:00

Tgt Ion:180 Resp: 436313
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 29.7 14.9 44.7

