

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055237.D
 Acq On : 25 Apr 2019 10:49
 Operator : JC/SP
 Sample : VN0425WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Quant Time: Apr 26 02:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	443446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	710124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	303405	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	241507	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	891163	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	282619	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	126691	22.189	ug/l	100
3) Chloromethane	2.06	50	146901	20.997	ug/l	99
4) Vinyl Chloride	2.19	62	116994	20.869	ug/l	98
5) Bromomethane	2.56	94	62878	19.340	ug/l	100
6) Chloroethane	2.70	64	60469	20.465	ug/l	96
7) Trichlorofluoromethane	3.02	101	166644	21.844	ug/l	98
8) Diethyl Ether	3.41	74	59219	21.748	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	97619	20.506	ug/l	99
10) Methyl Iodide	3.95	142	143158	21.444	ug/l	100
11) Tert butyl alcohol	4.79	59	38364	109.482	ug/l	95
12) 1,1-Dichloroethene	3.74	96	93391	20.470	ug/l	99
13) Acrolein	3.61	56	41542	85.585	ug/l	100
14) Allyl chloride	4.32	41	190937	21.170	ug/l	99
15) Acrylonitrile	4.99	53	206277	107.337	ug/l	98
16) Acetone	3.82	43	195698	98.628	ug/l	100
17) Carbon Disulfide	4.06	76	251882	19.748	ug/l	100
18) Methyl Acetate	4.33	43	99823	22.799	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	273551	21.687	ug/l	99
20) Methylene Chloride	4.55	84	114362	20.049	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	98795	20.651	ug/l	97
22) Diisopropyl ether	5.95	45	389678	21.675	ug/l	97
23) Vinyl Acetate	5.90	43	1341552	111.045	ug/l	99
24) 1,1-Dichloroethane	5.85	63	201015	20.787	ug/l	98
25) 2-Butanone	6.84	43	265091	103.484	ug/l	99
26) 2,2-Dichloropropane	6.83	77	139416	21.305	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	116389	21.104	ug/l	99
28) Bromochloromethane	7.19	49	103991	21.096	ug/l	98
29) Tetrahydrofuran	7.21	42	170540	108.277	ug/l	98
30) Chloroform	7.37	83	194229	21.116	ug/l	98
31) Cyclohexane	7.65	56	190562	20.275	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	157102	21.259	ug/l	99
36) 1,1-Dichloropropene	7.79	75	141581	21.481	ug/l	100
37) Ethyl Acetate	6.93	43	114811	21.584	ug/l	99
38) Carbon Tetrachloride	7.77	117	136841	22.171	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	157098	19.979	ug/l	99
40) Benzene	8.04	78	425057	20.891	ug/l	99
41) Methacrylonitrile	7.18	41	66463	23.833	ug/l	97
42) 1,2-Dichloroethane	8.12	62	149160	21.014	ug/l	99
43) Isopropyl Acetate	8.16	43	197629	22.944	ug/l #	88
44) Trichloroethene	8.83	130	109582	21.309	ug/l	98
45) 1,2-Dichloropropane	9.12	63	121180	21.100	ug/l	97
46) Dibromomethane	9.21	93	69612	21.173	ug/l	97
47) Bromodichloromethane	9.40	83	143637	21.824	ug/l	98
48) Methyl methacrylate	9.20	41	90081	21.560	ug/l	98
49) 1,4-Dioxane	9.20	88	20208	418.808	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	536308	108.203	ug/l	99
52) Toluene	10.15	92	252532	21.172	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	132688	21.968	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	162690	21.705	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	92472	21.029	ug/l	97
56) Ethyl methacrylate	10.43	69	121308	22.145	ug/l	99
57) 1,3-Dichloropropane	10.71	76	164183	21.460	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	168579	87.543	ug/l	100
59) 2-Hexanone	10.75	43	339705	108.506	ug/l	99
60) Dibromochloromethane	10.90	129	98838	21.822	ug/l	97
61) 1,2-Dibromoethane	11.00	107	90870	21.979	ug/l	99
64) Tetrachloroethene	10.63	164	103166	20.546	ug/l	98
65) Chlorobenzene	11.43	112	253642	20.189	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	97647	20.970	ug/l	99
67) Ethyl Benzene	11.51	91	464232	20.744	ug/l	99
68) m/p-Xylenes	11.62	106	339535	42.301	ug/l	99
69) o-Xylene	11.95	106	168162	21.111	ug/l	99
70) Styrene	11.96	104	267988	21.704	ug/l	99
71) Bromoform	12.13	173	59463	21.400	ug/l #	97
73) Isopropylbenzene	12.25	105	446505	22.963	ug/l	100
74) N-amyl acetate	12.07	43	127704	21.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	117613	23.893	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	132414	28.404	ug/l #	100
77) Bromobenzene	12.53	156	104184	20.537	ug/l	100
78) n-propylbenzene	12.59	91	477556	20.723	ug/l	100
79) 2-Chlorotoluene	12.67	91	299098	20.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	362145	21.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26256	21.351	ug/l	98
82) 4-Chlorotoluene	12.77	91	280306	20.937	ug/l	99
83) tert-Butylbenzene	12.99	119	307514	22.585	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	349386	21.523	ug/l	99
85) sec-Butylbenzene	13.17	105	395024	20.298	ug/l	100
86) p-Isopropyltoluene	13.29	119	339256	21.160	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	164165	21.081	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	154581	20.389	ug/l	99
89) n-Butylbenzene	13.61	91	243159	20.461	ug/l	99
90) Hexachloroethane	13.87	117	58167	20.456	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	163478	20.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15002	21.500	ug/l	96

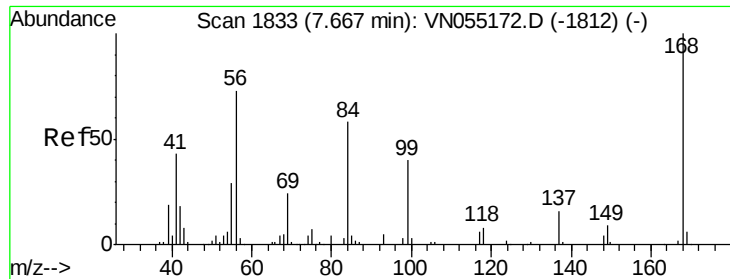
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55355	18.222	ug/l	96
94) Hexachlorobutadiene	15.01	225	54881	22.285	ug/l	99
95) Naphthalene	15.13	128	109957	17.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	56302	18.187	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

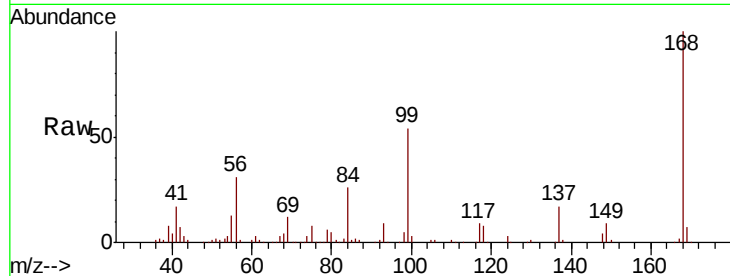
VN0425WBS01

Tot Ion:168 Resp: 443446

Ion Ratio Lower Upper

168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

200000

150000

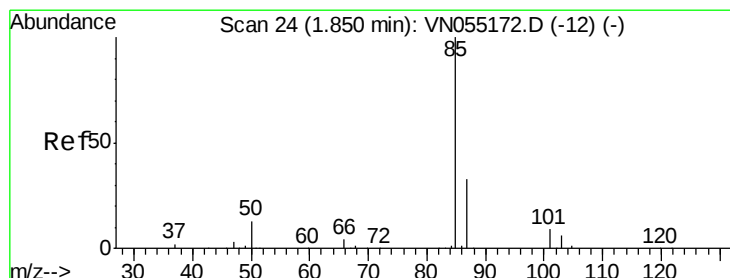
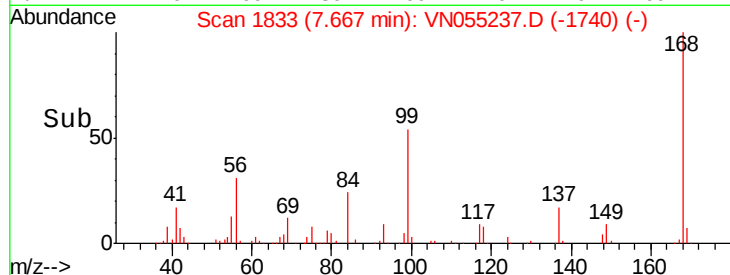
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 22.189 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055237.D

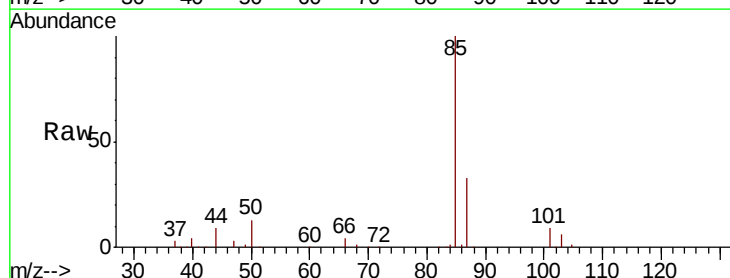
Acq: 25 Apr 2019 10:49

Tgt Ion: 85 Resp: 126691

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN055172.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055172.D (-12) (-)

1.85

100000

80000

60000

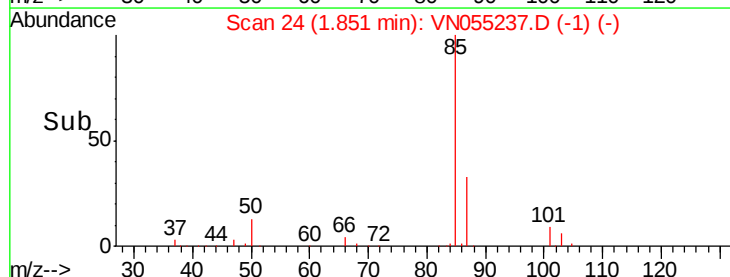
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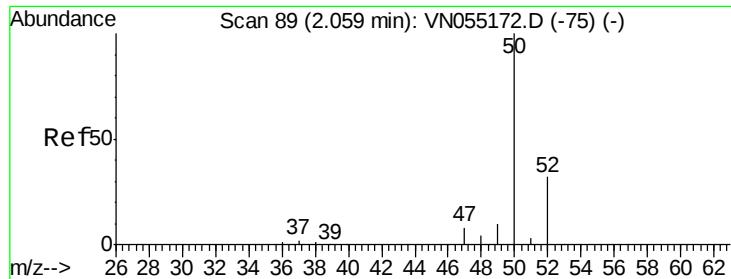
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.997 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

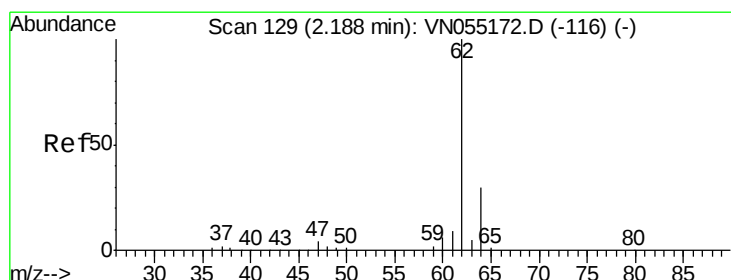
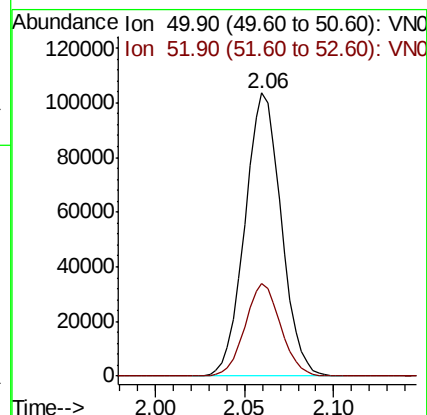
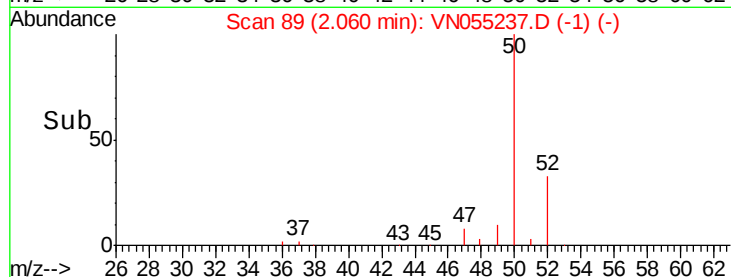
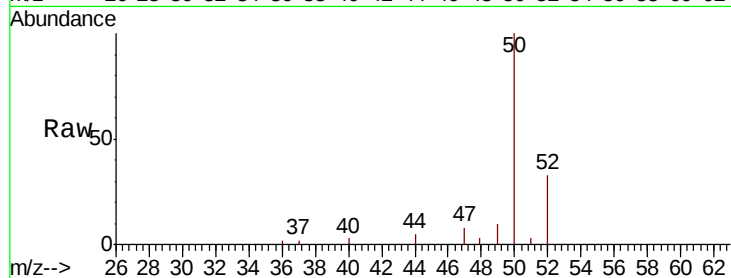
VN0425WBS01

Tot Ion: 50 Resp: 146901

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 20.869 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055237.D

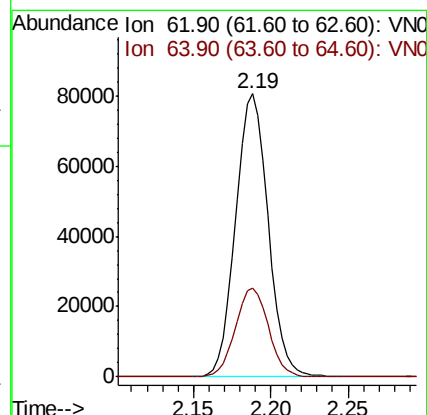
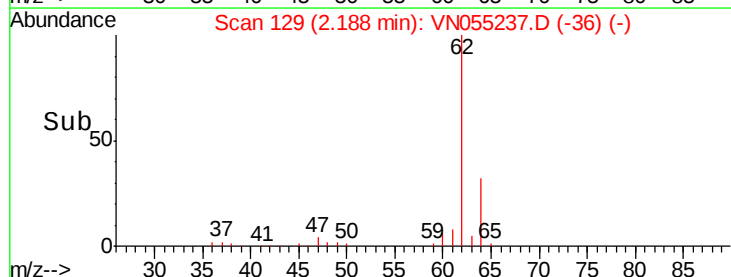
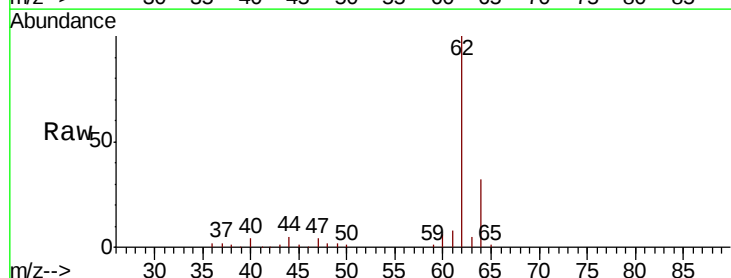
Acq: 25 Apr 2019 10:49

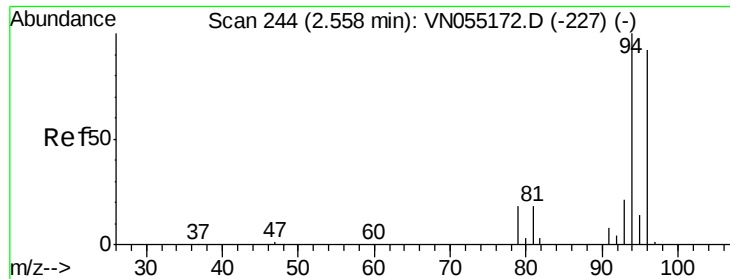
Tgt Ion: 62 Resp: 116994

Ion Ratio Lower Upper

62 100

64 31.5 24.2 36.4





#5

Bromomethane

Concen: 19.340 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

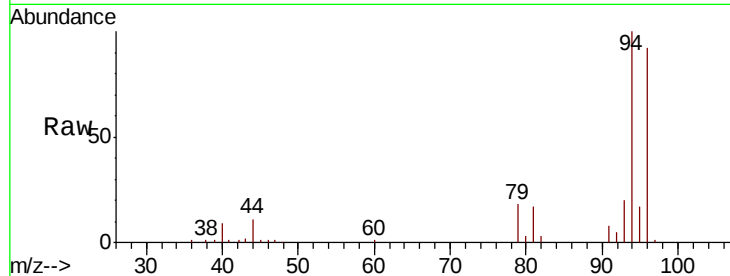
VN0425WBS01

Tot Ion: 94 Resp: 62878

Ion Ratio Lower Upper

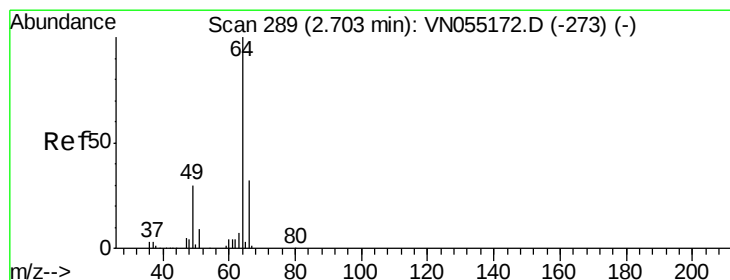
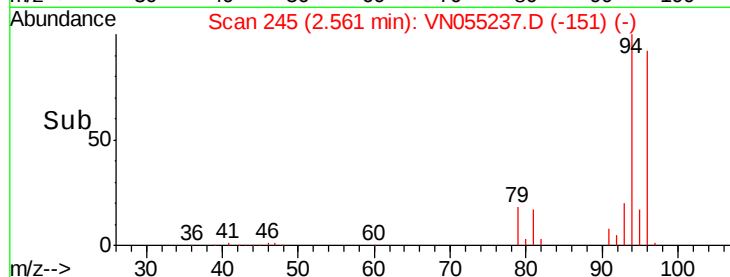
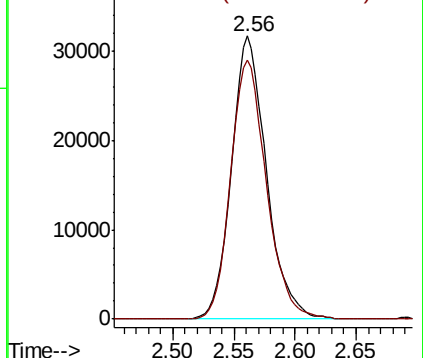
94 100

96 91.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.465 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055237.D

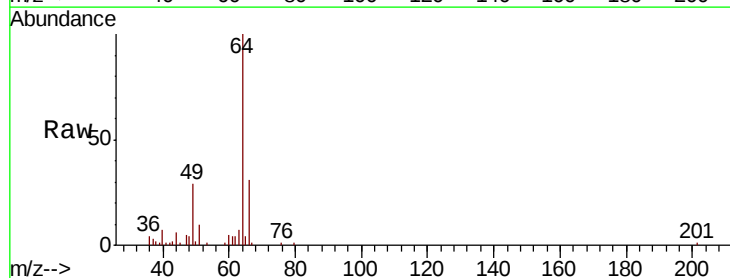
Acq: 25 Apr 2019 10:49

Tgt Ion: 64 Resp: 60469

Ion Ratio Lower Upper

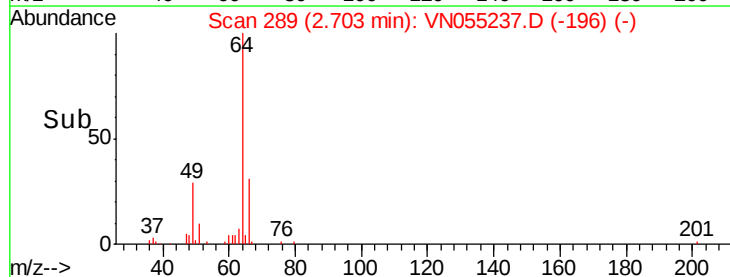
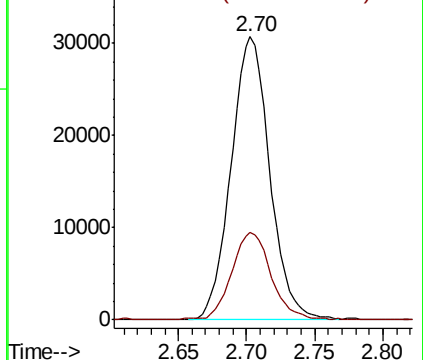
64 100

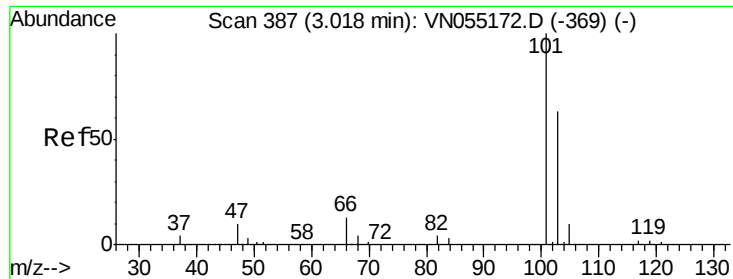
66 30.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



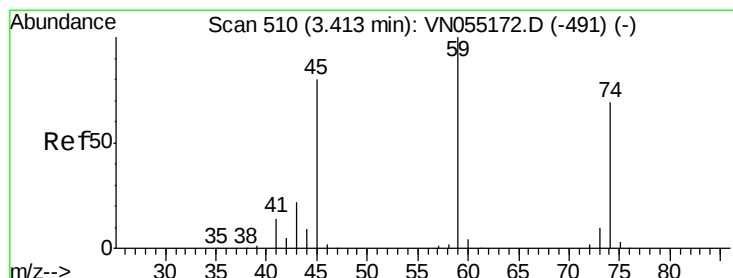
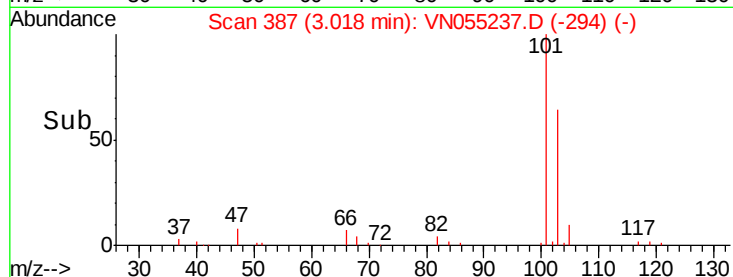
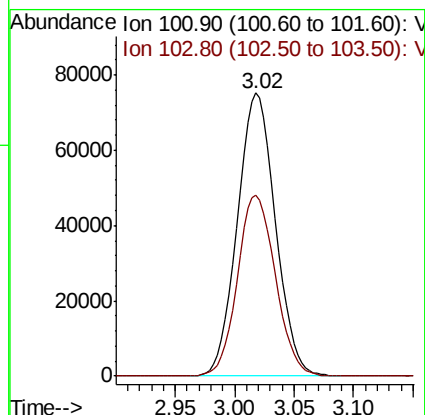
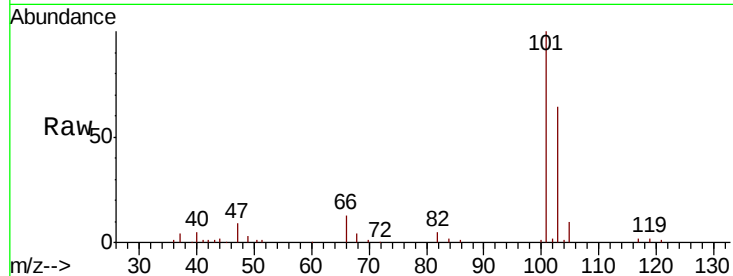


#7

Trichlorofluoromethane
Concen: 21.844 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN055237.D
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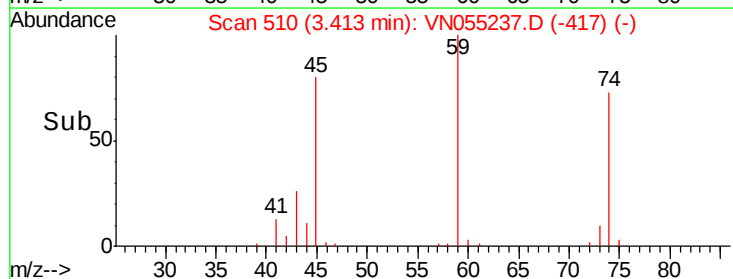
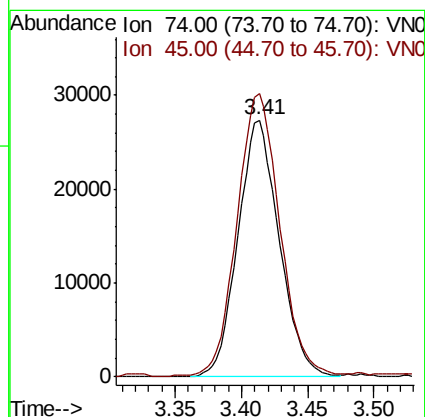
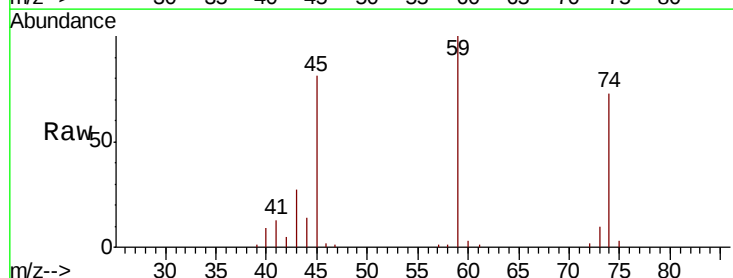
Tot Ion:101 Resp: 166644
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

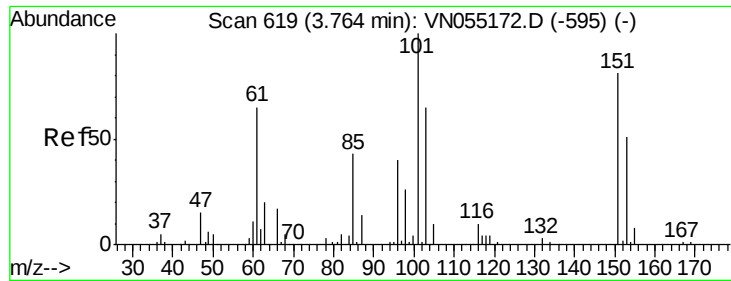


#8

Diethyl Ether
Concen: 21.748 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 74 Resp: 59219
Ion Ratio Lower Upper
74 100
45 115.2 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.506 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

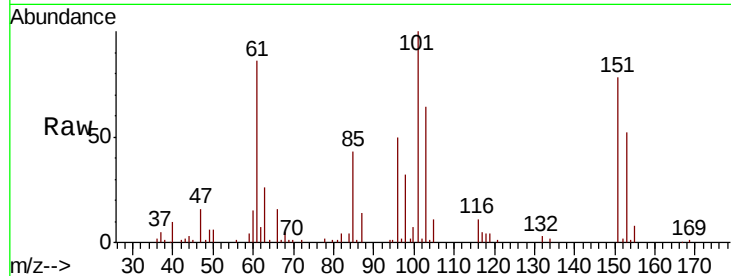
Tot Ion:101 Resp: 97619

Ion Ratio Lower Upper

101 100

85 45.1 34.9 52.3

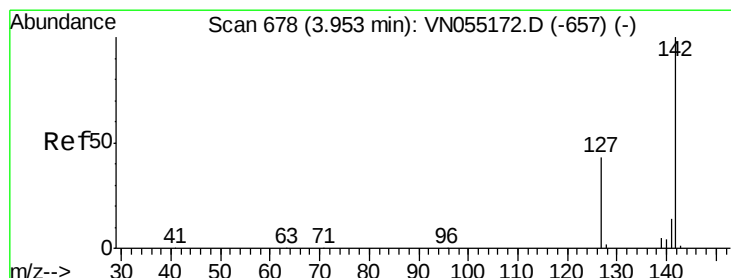
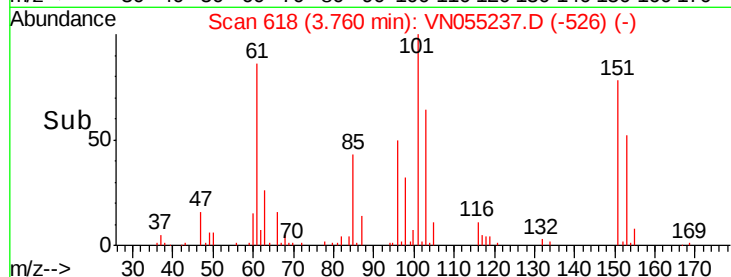
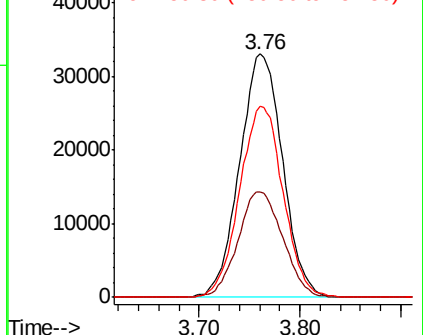
151 79.4 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.444 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

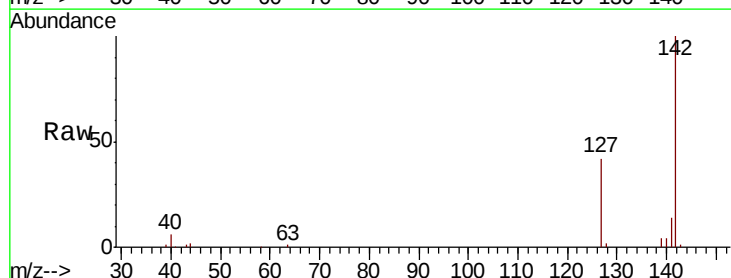
Tgt Ion:142 Resp: 143158

Ion Ratio Lower Upper

142 100

127 42.7 34.1 51.1

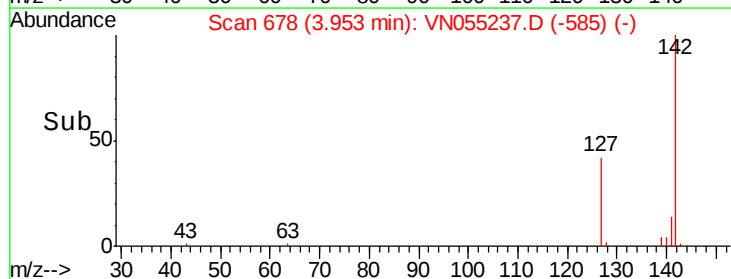
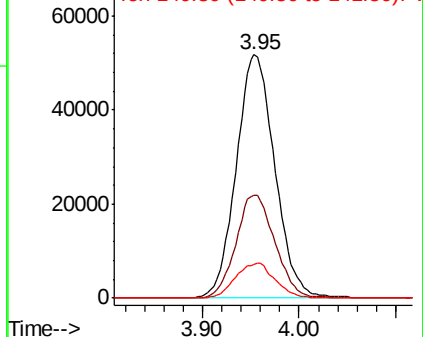
141 14.5 11.4 17.2

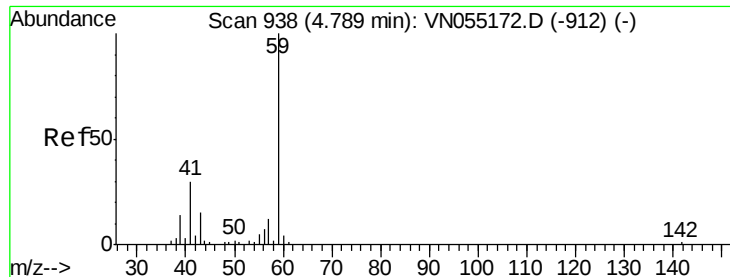


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



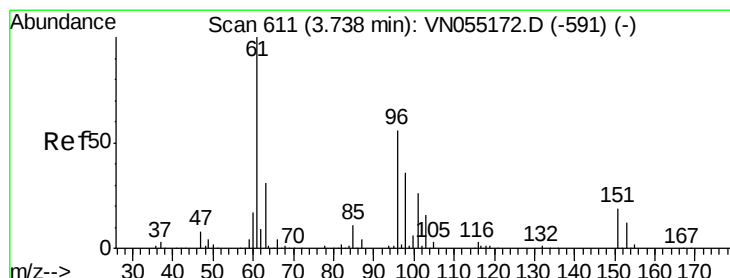
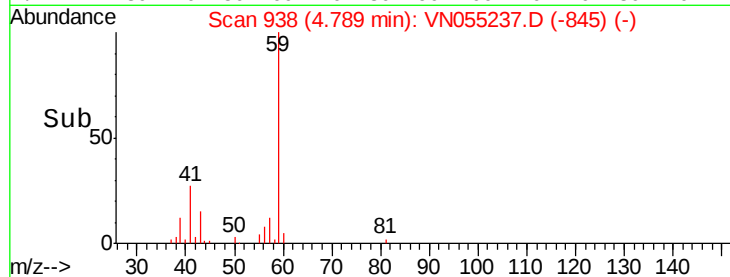
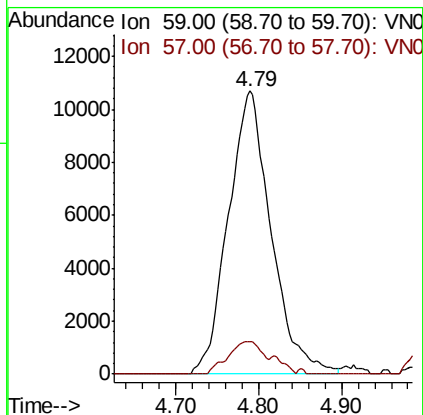
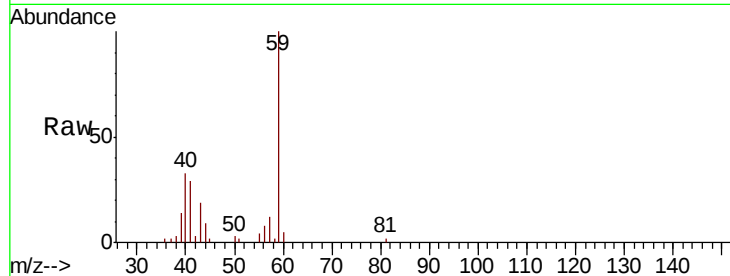


#11

Tert butyl alcohol
Concen: 109.482 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

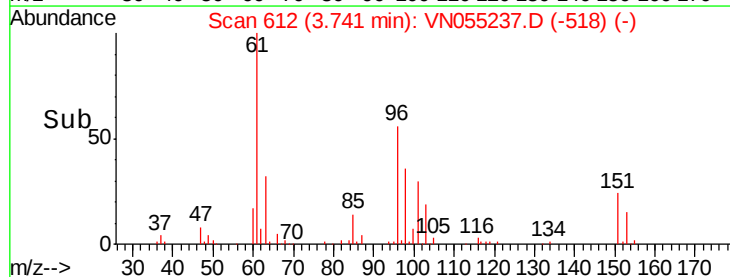
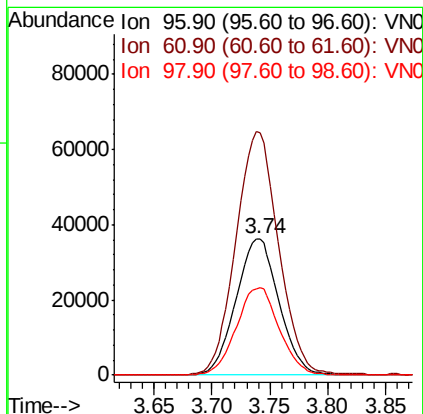
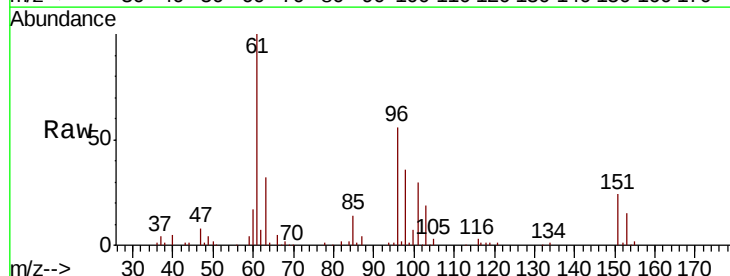
Tot Ion: 59 Resp: 38364
Ion Ratio Lower Upper
59 100
57 9.3 8.8 13.2

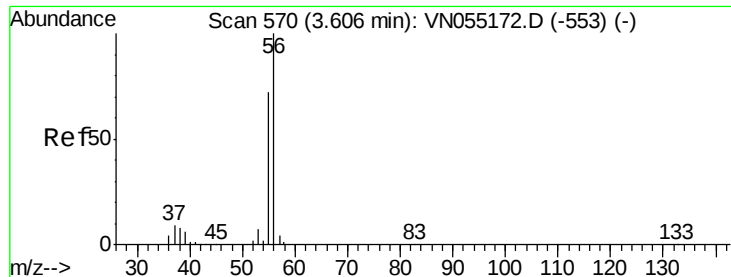


#12

1,1-Dichloroethene
Concen: 20.470 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 96 Resp: 93391
Ion Ratio Lower Upper
96 100
61 176.8 142.1 213.1
98 63.7 51.2 76.8





#13

Acrolein

Concen: 85.585 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

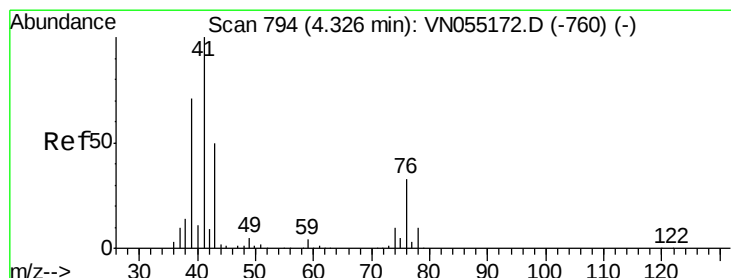
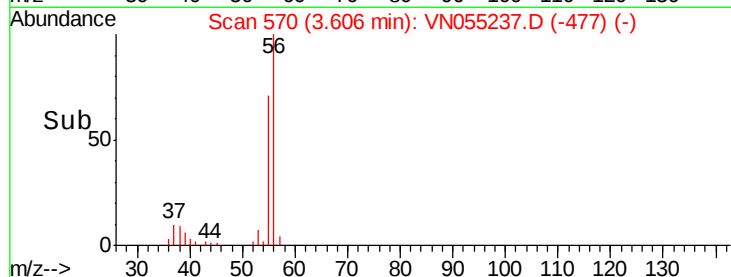
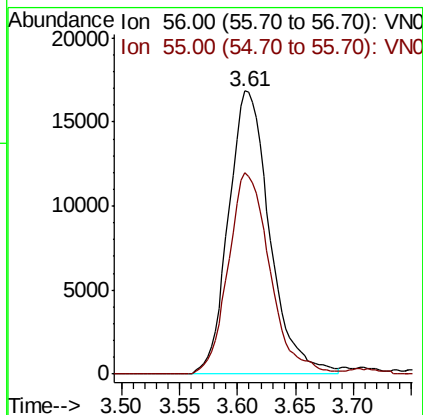
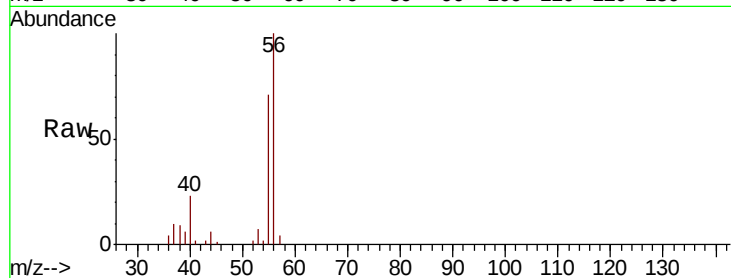
VN0425WBS01

Tot Ion: 56 Resp: 41542

Ion Ratio Lower Upper

56 100

55 71.6 57.4 86.0



#14

Allyl chloride

Concen: 21.170 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

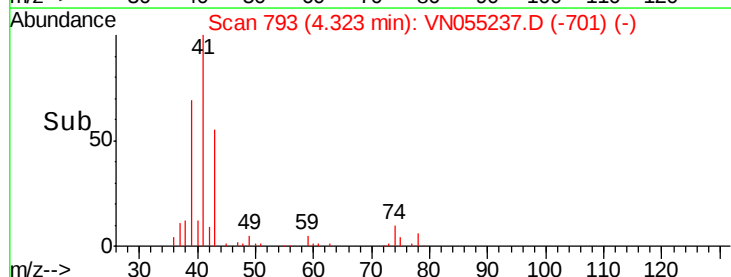
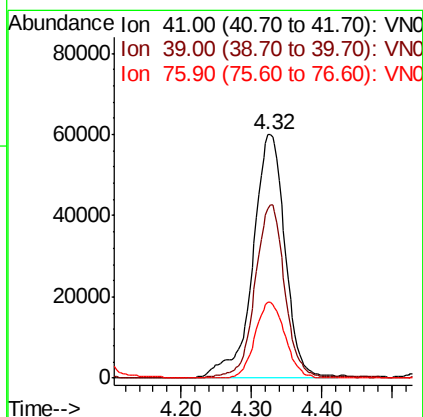
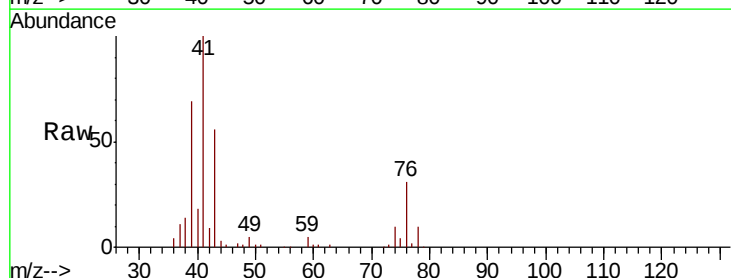
Tgt Ion: 41 Resp: 190937

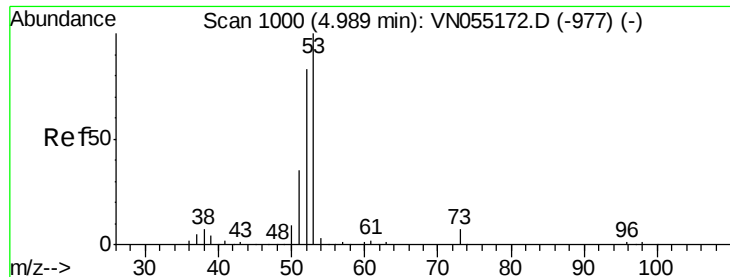
Ion Ratio Lower Upper

41 100

39 65.6 52.9 79.3

76 29.0 23.6 35.4





#15

Acrylonitrile

Concen: 107.337 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VN0425WBS01

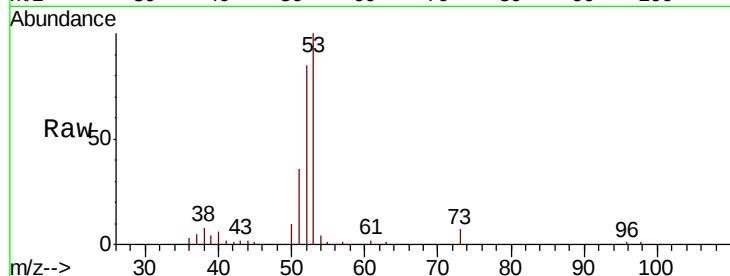
Tot Ion: 53 Resp: 206277

Ion Ratio Lower Upper

53 100

52 83.7 65.8 98.8

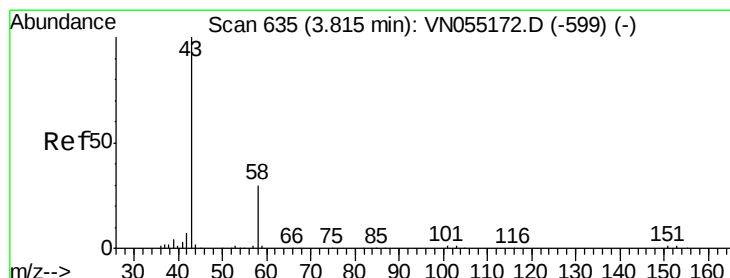
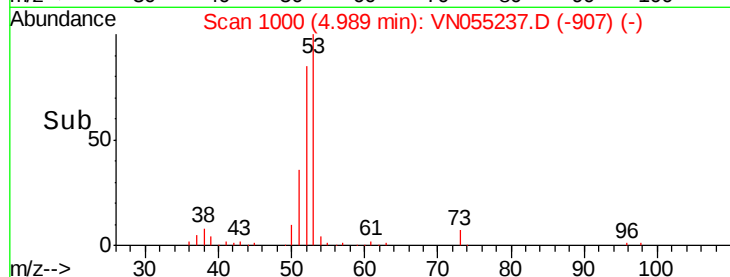
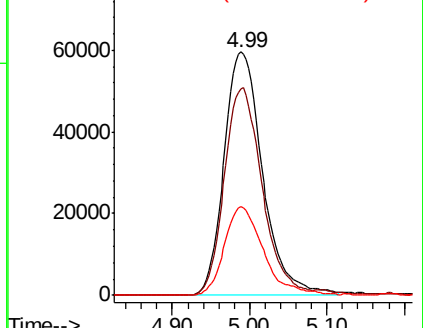
51 37.0 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.628 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055237.D

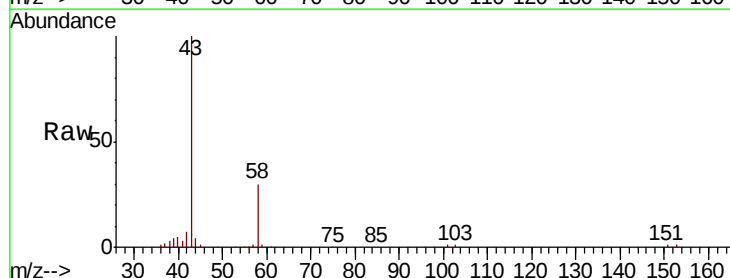
Acq: 25 Apr 2019 10:49

Tgt Ion: 43 Resp: 195698

Ion Ratio Lower Upper

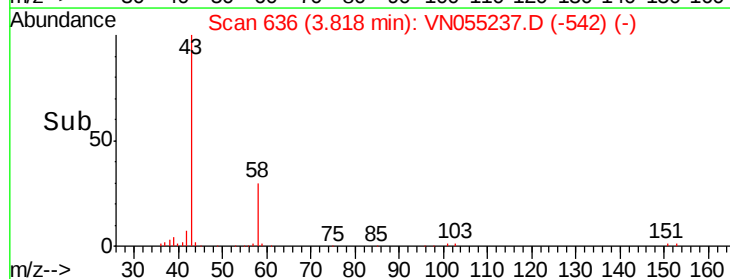
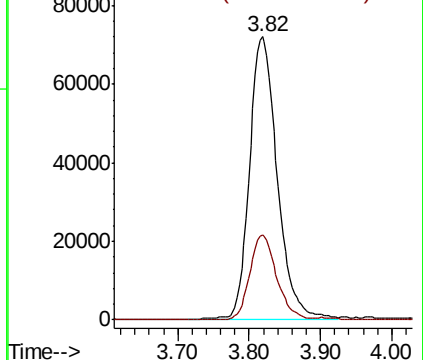
43 100

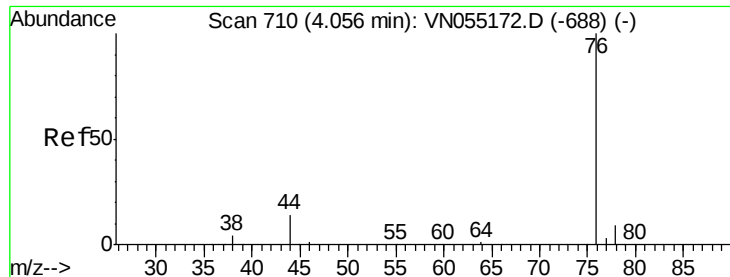
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

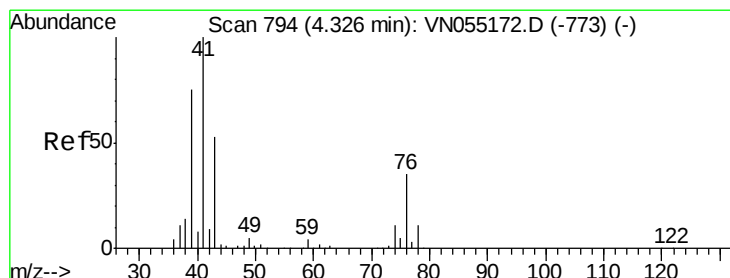
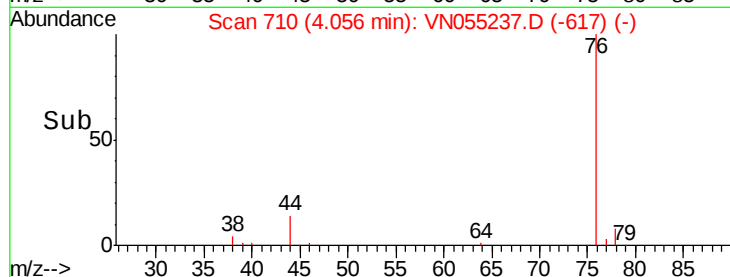
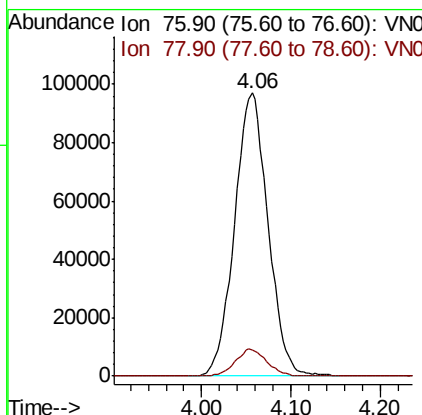
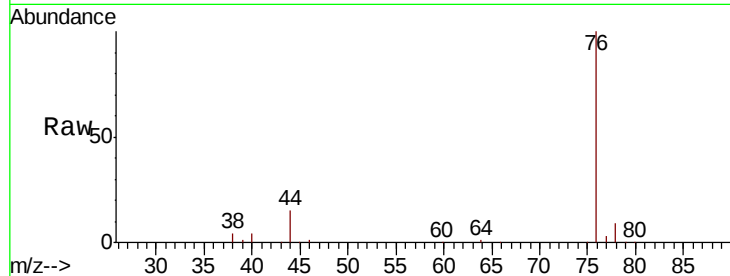




#17
Carbon Disulfide
Concen: 19.748 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

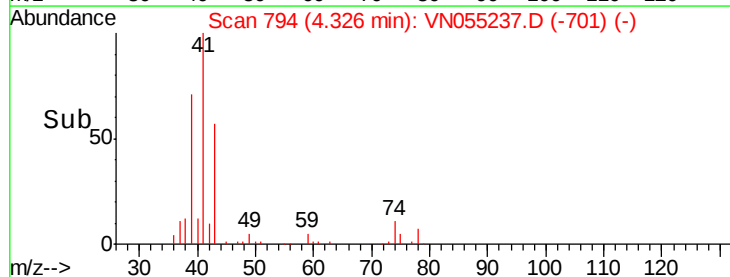
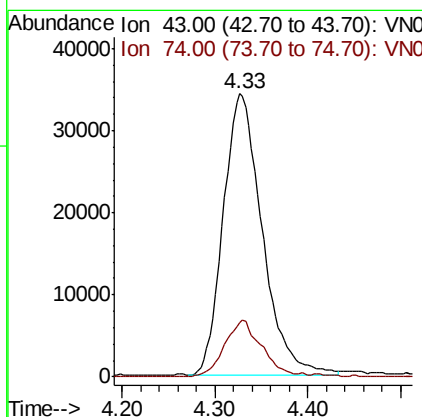
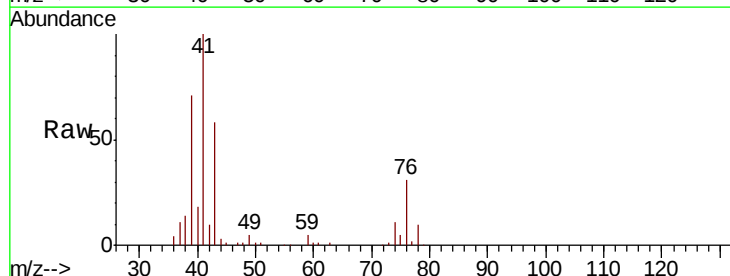
Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

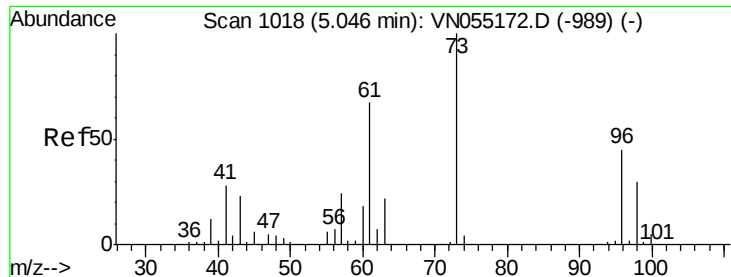
Tot Ion: 76 Resp: 251882
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 22.799 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 43 Resp: 99823
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1

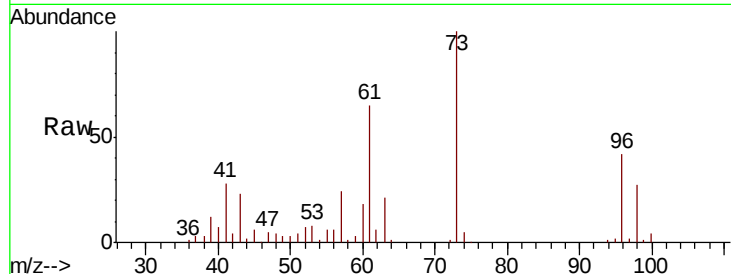




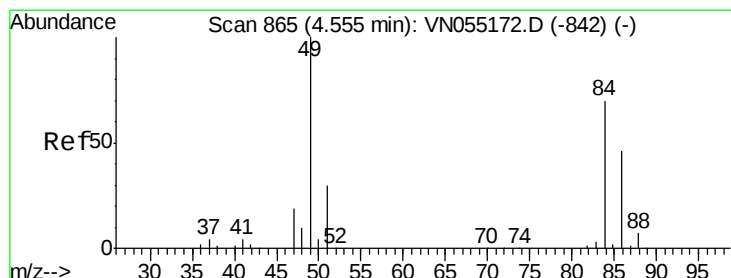
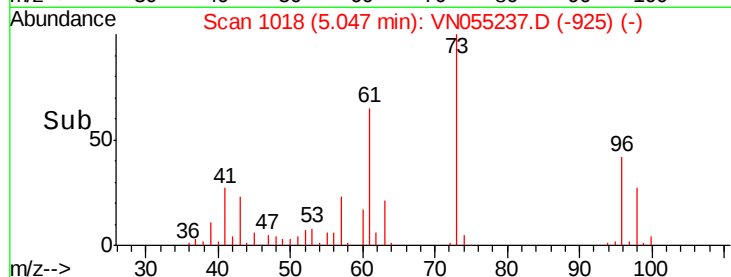
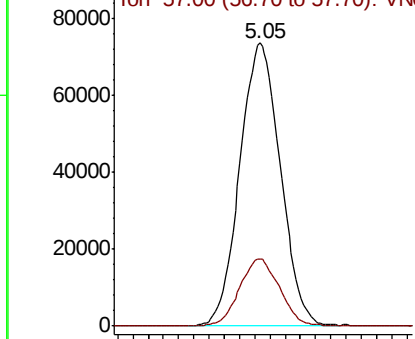
#19
Methvl tert-butvl Ether
Concen: 21.687 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tot Ion: 73 Resp: 273551
Ion Ratio Lower Upper
73 100
57 23.8 19.5 29.3

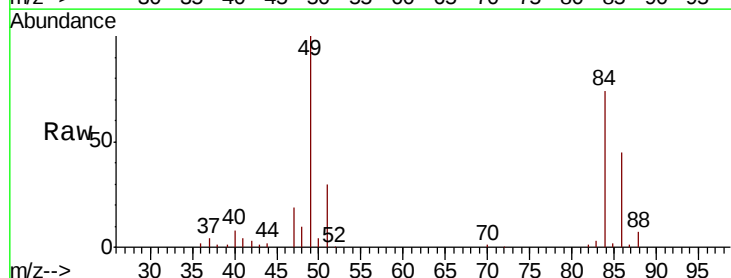


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

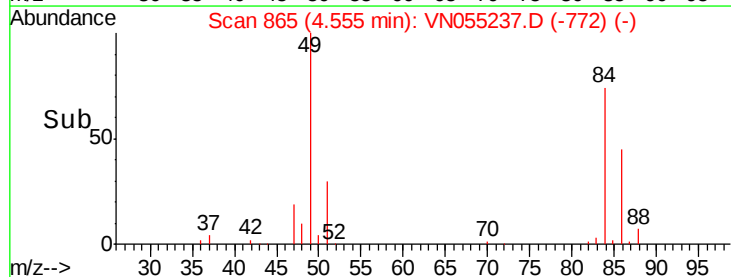
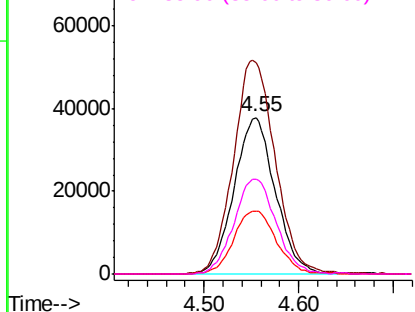


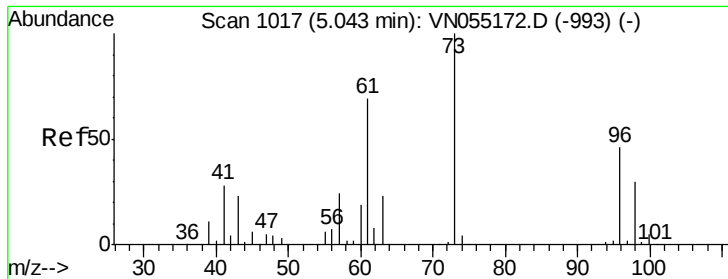
#20
Methylene Chloride
Concen: 20.049 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 84 Resp: 114362
Ion Ratio Lower Upper
84 100
49 134.6 113.8 170.6
51 40.5 34.0 51.0
86 60.9 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

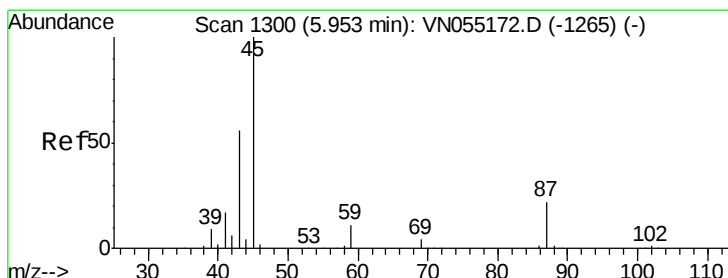
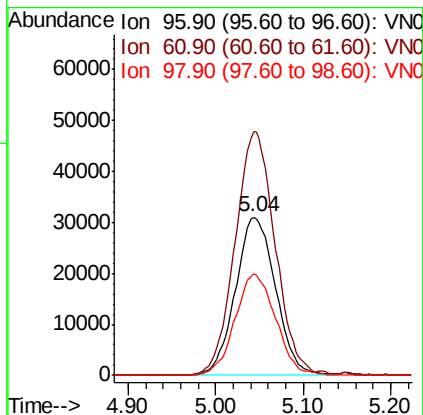
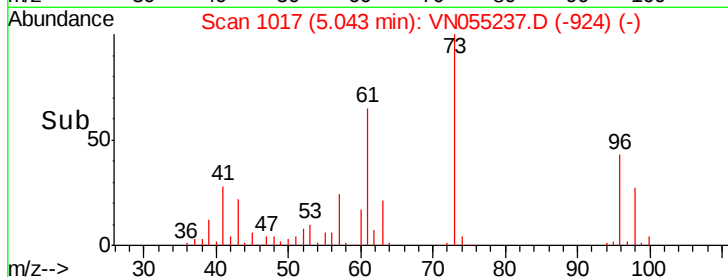
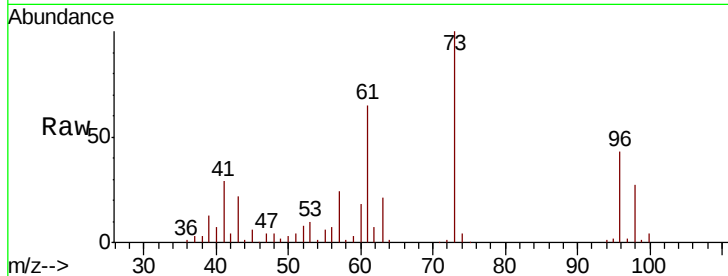




#21
trans-1,2-Dichloroethene
Concen: 20.651 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

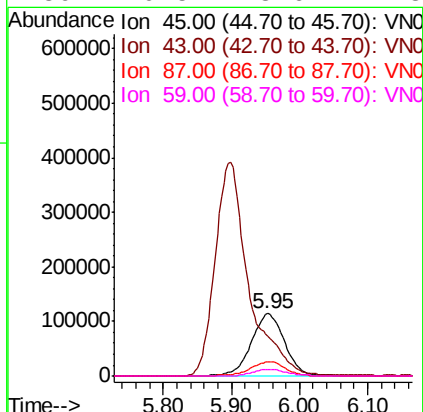
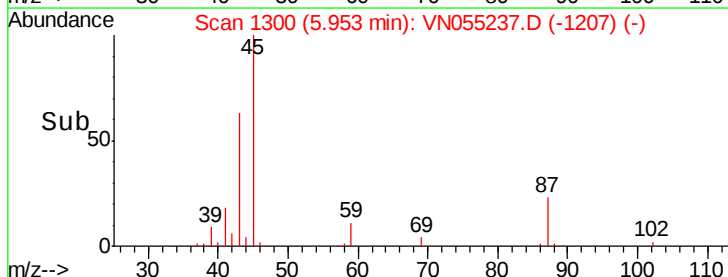
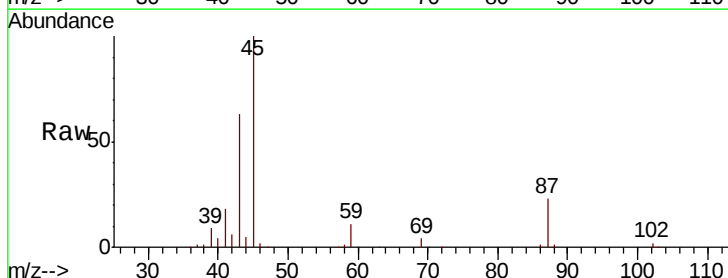
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

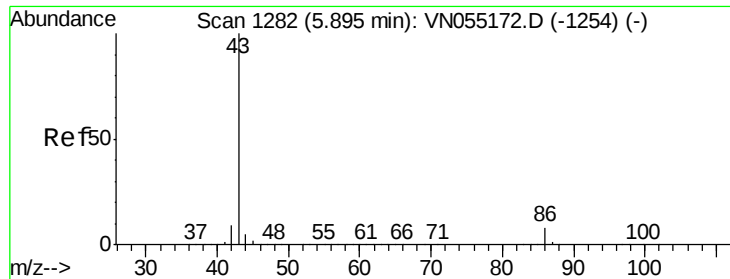
Tot Ion: 96 Resp: 98795
Ion Ratio Lower Upper
96 100
61 153.7 119.3 178.9
98 64.1 53.0 79.4



#22
Diisopropyl ether
Concen: 21.675 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 45 Resp: 389678
Ion Ratio Lower Upper
45 100
43 61.9 47.4 71.0
87 22.7 18.4 27.6
59 10.5 8.6 12.8





#23

Vinyl Acetate

Concen: 111.045 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

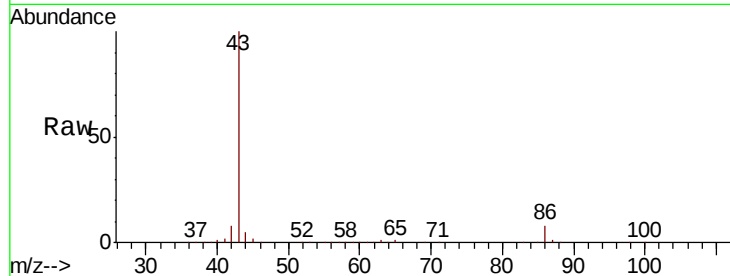
VN0425WBS01

Tot Ion: 43 Resp: 1341552

Ion Ratio Lower Upper

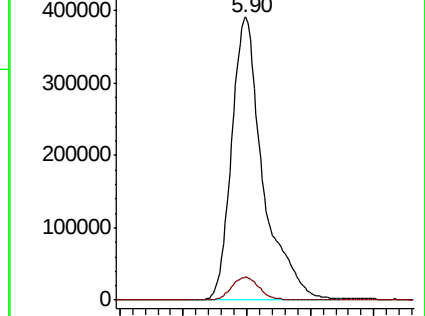
43 100

86 8.2 6.8 10.2

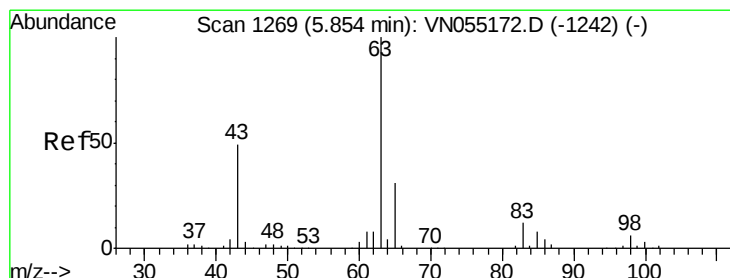
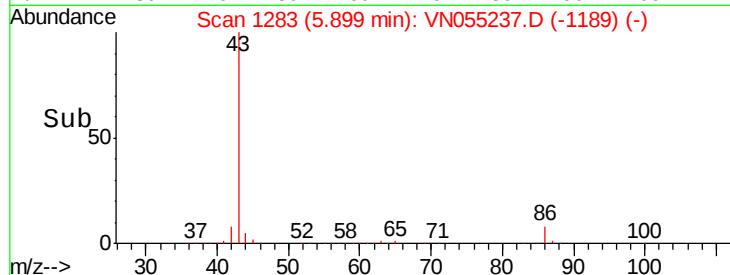


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.787 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

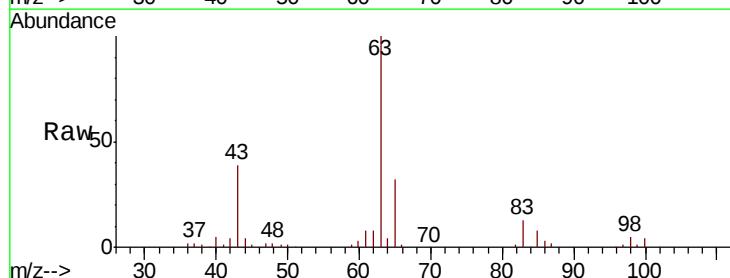
Tgt Ion: 63 Resp: 201015

Ion Ratio Lower Upper

63 100

98 5.4 3.1 9.3

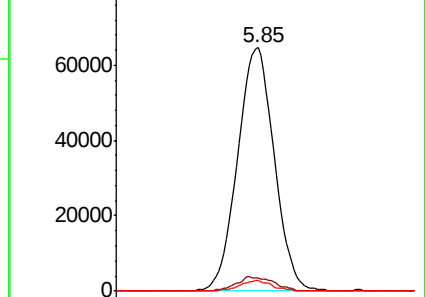
100 4.3 1.8 5.3



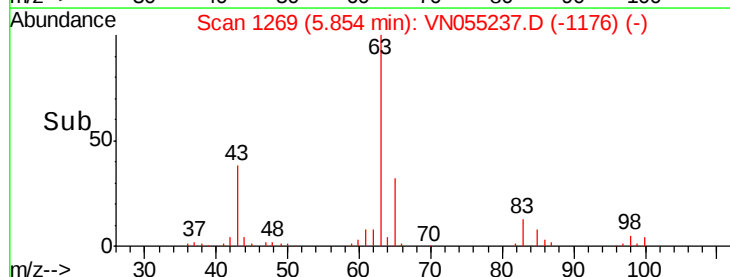
Abundance Ion 62.90 (62.60 to 63.60): VN0

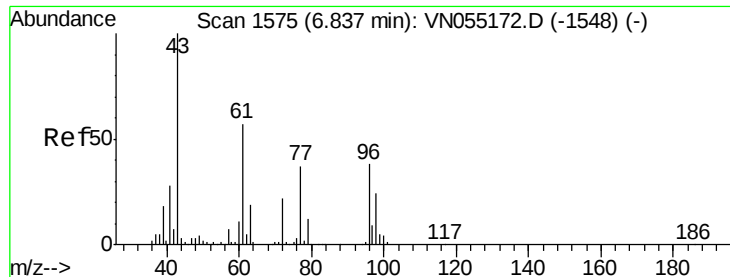
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time--> 5.70 5.80 5.90 6.00

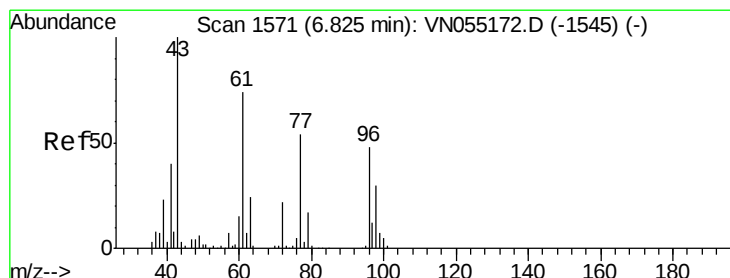
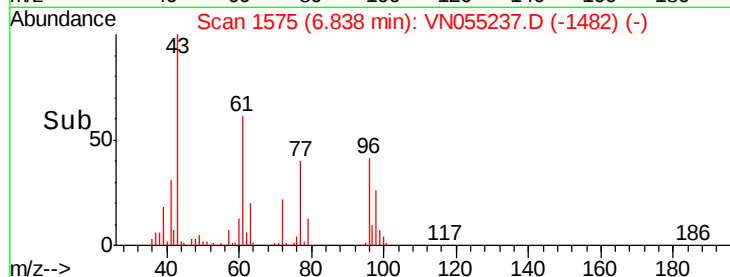
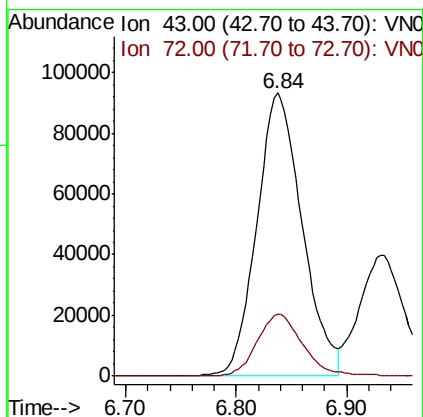
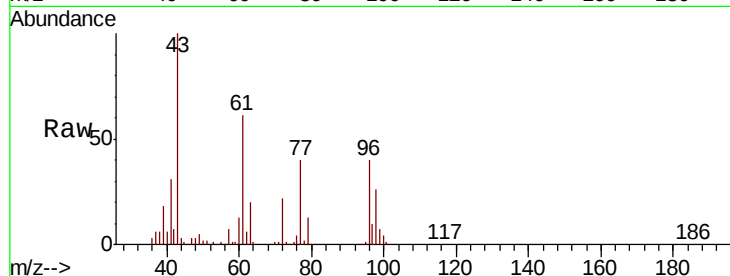




#25
2-Butanone
Concen: 103.484 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

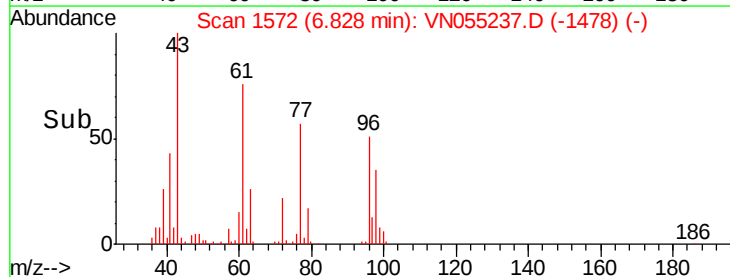
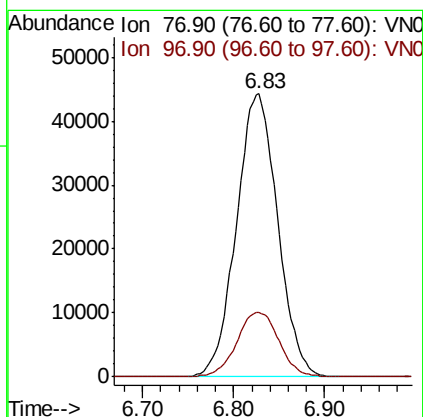
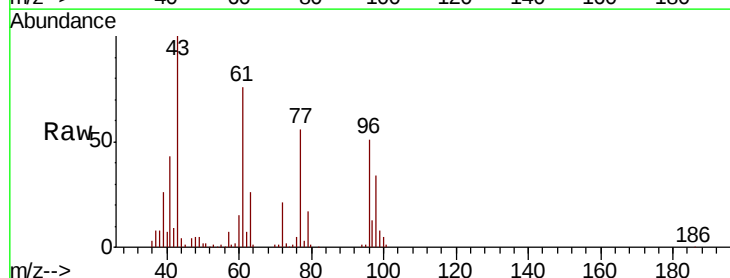
Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

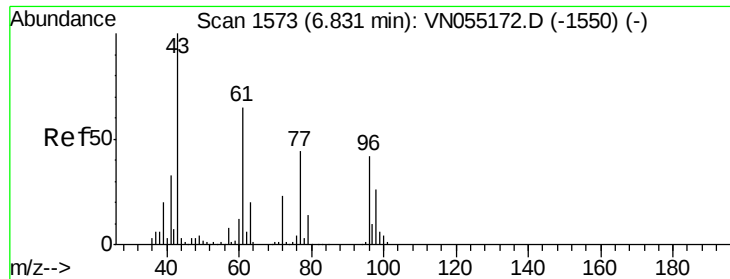
Tot Ion: 43 Resp: 265091
Ion Ratio Lower Upper
43 100
72 22.0 17.8 26.8



#26
2,2-Dichloropropane
Concen: 21.305 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 77 Resp: 139416
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8

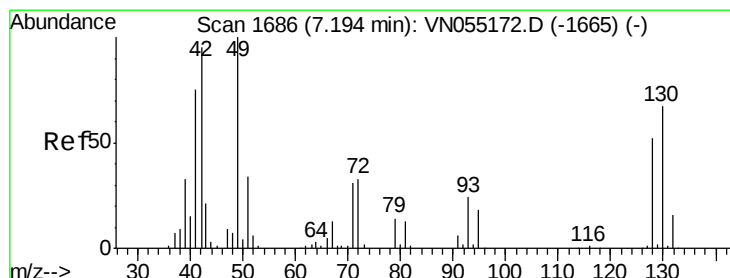
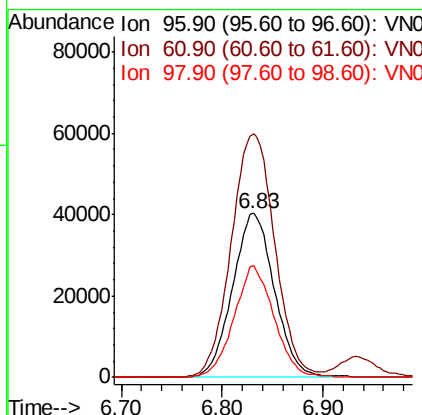
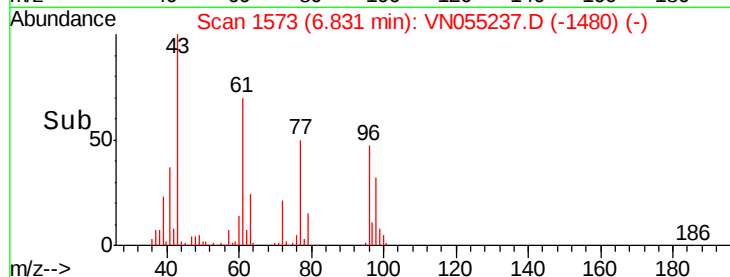
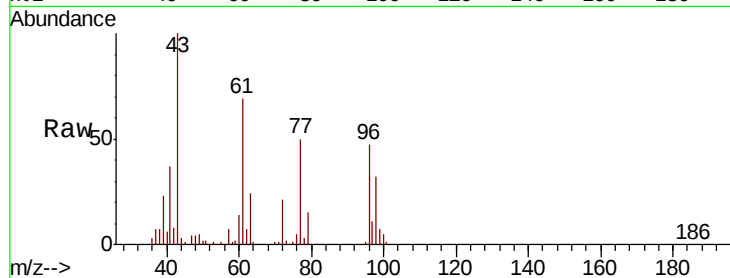




#27
 cis-1,2-Dichloroethene
 Concen: 21.104 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

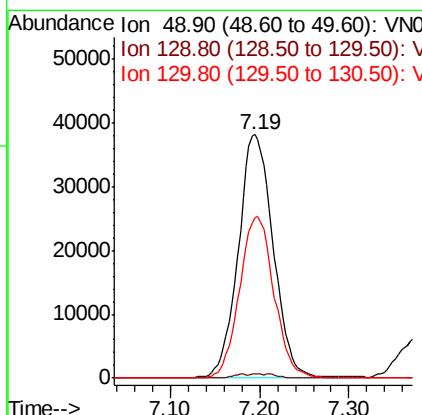
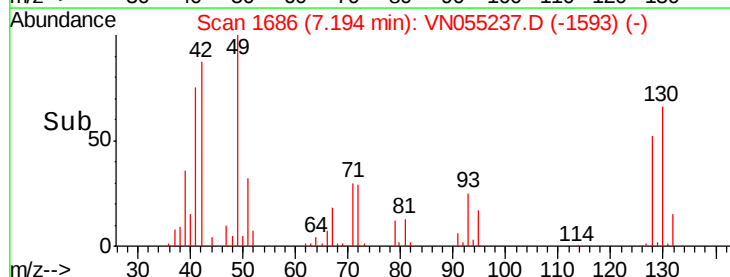
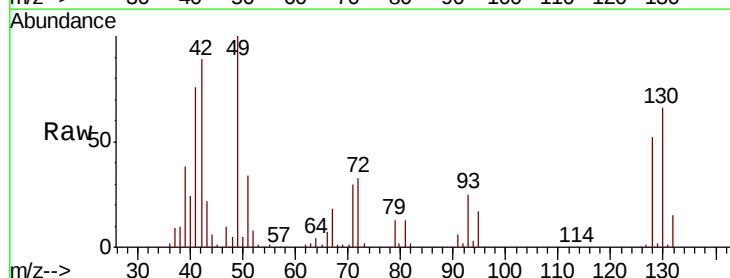
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

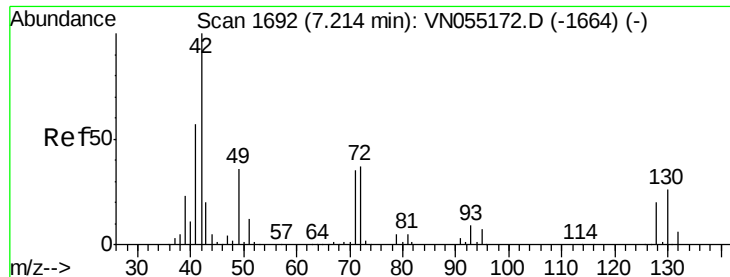
Tot Ion: 96 Resp: 116389
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 310.8
 98 65.0 0.0 127.4



#28
 Bromochloromethane
 Concen: 21.096 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion: 49 Resp: 103991
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 3.8
 130 65.3 53.4 80.2

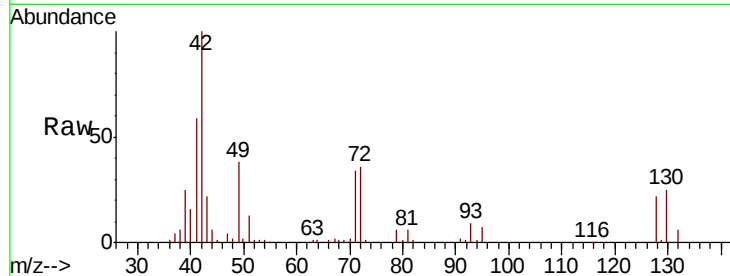




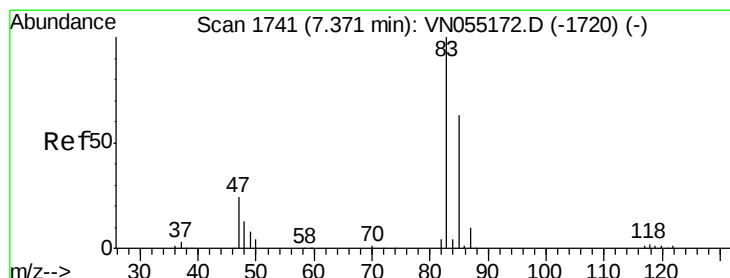
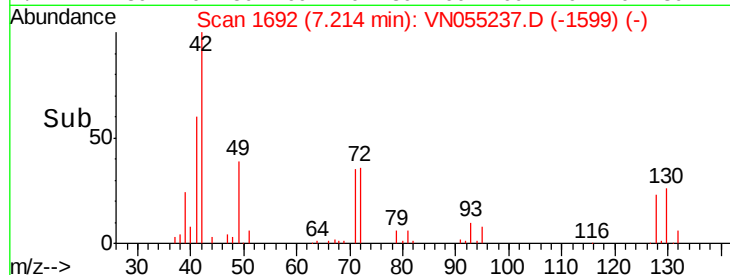
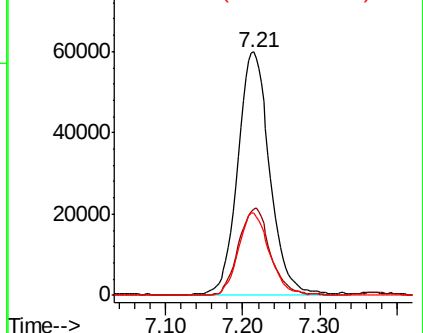
#29
Tetrahydrofuran
Concen: 108.277 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tot Ion: 42 Resp: 170540
Ion Ratio Lower Upper
42 100
72 36.1 29.4 44.2
71 33.1 27.8 41.8

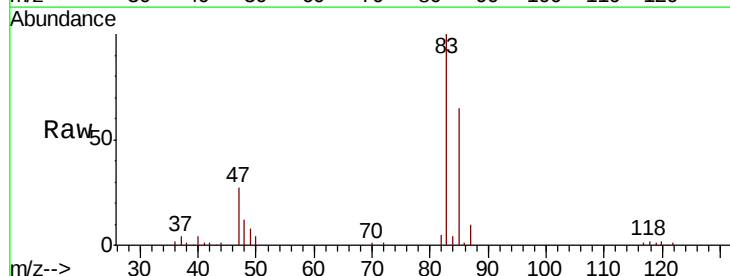


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

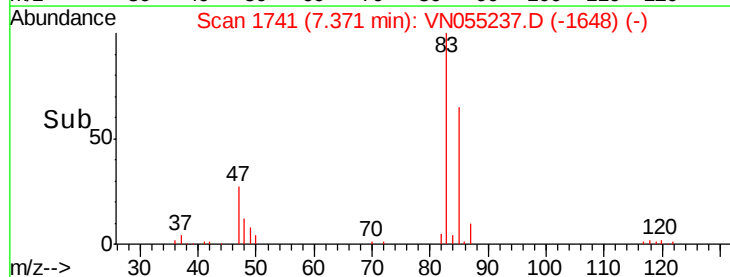
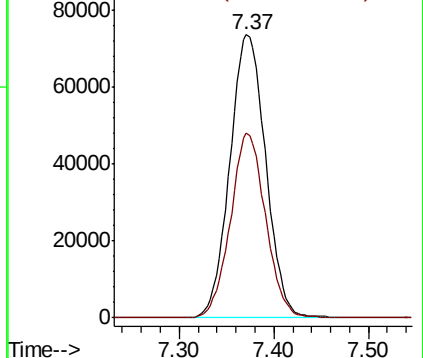


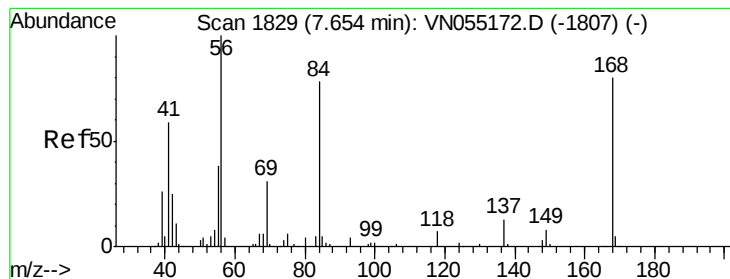
#30
Chloroform
Concen: 21.116 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 83 Resp: 194229
Ion Ratio Lower Upper
83 100
85 65.2 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.275 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VN0425WBS01

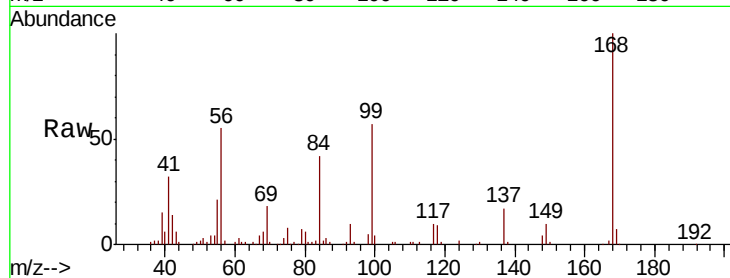
Tot Ion: 56 Resp: 190562

Ion Ratio Lower Upper

56 100

69 33.8 24.6 37.0

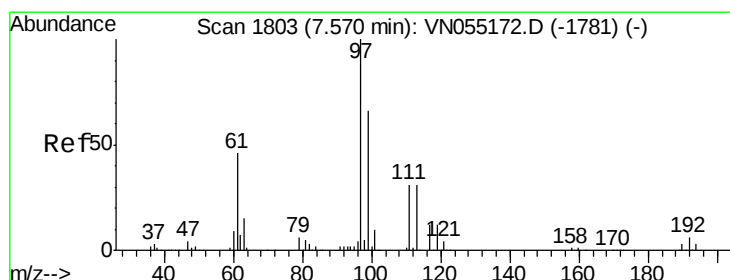
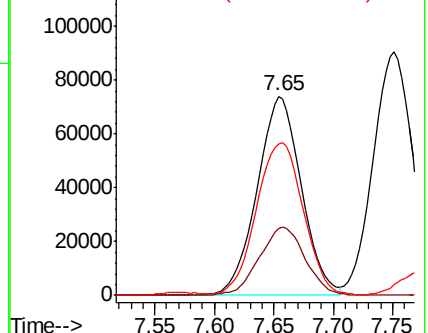
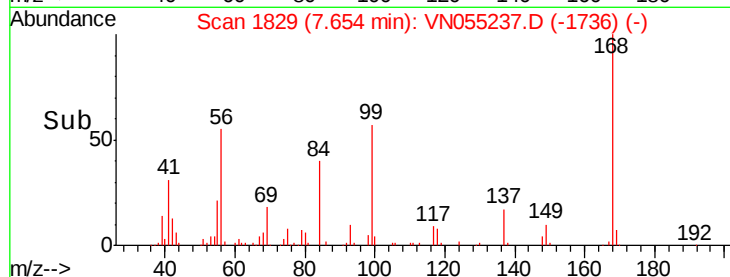
84 75.1 61.4 92.2



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: 21.259 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

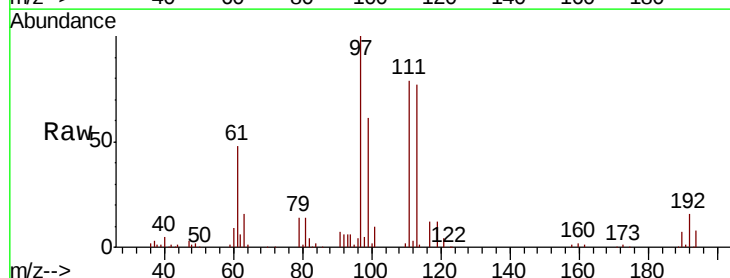
Tgt Ion: 97 Resp: 157102

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

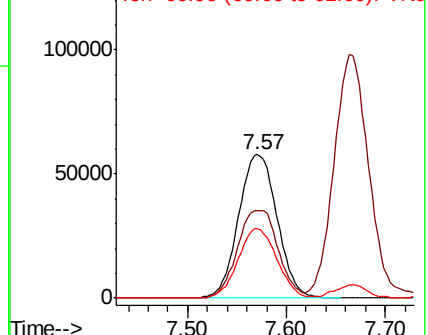
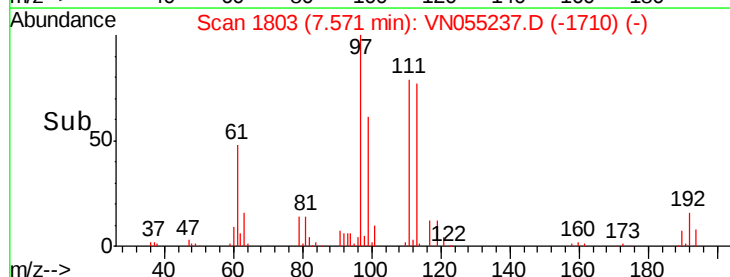
61 48.6 38.3 57.5

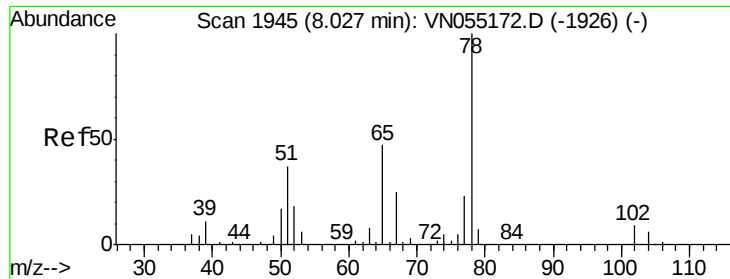


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

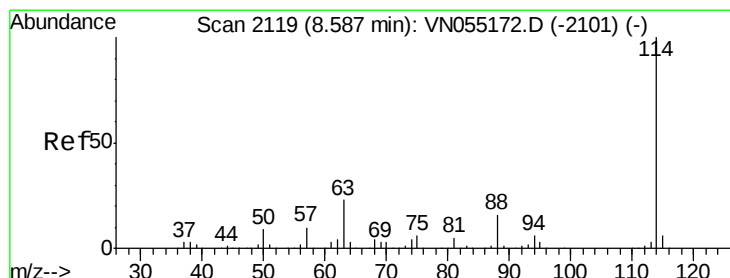
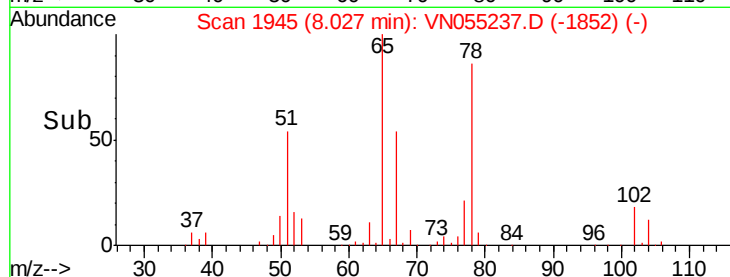
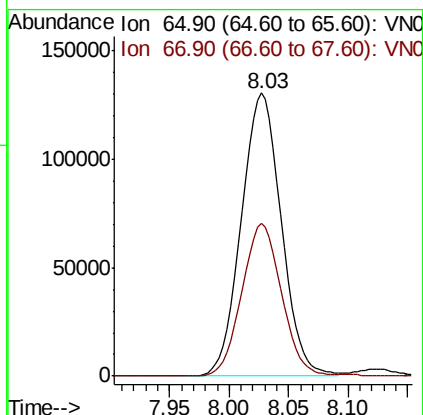
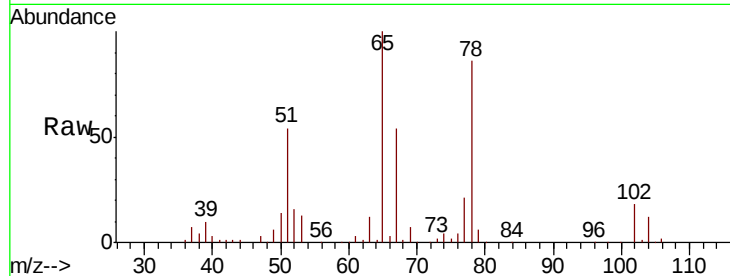




#33
 1,2-Dichloroethane-d4
 Concen: 50.549 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

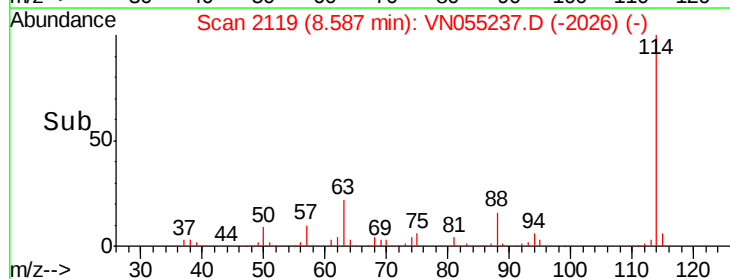
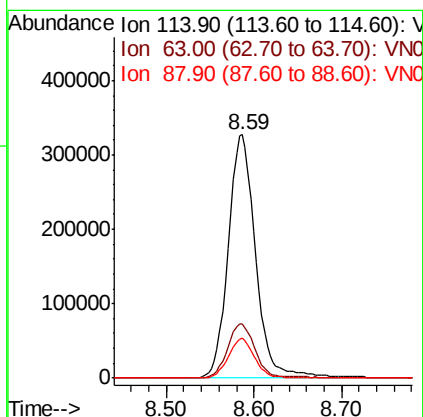
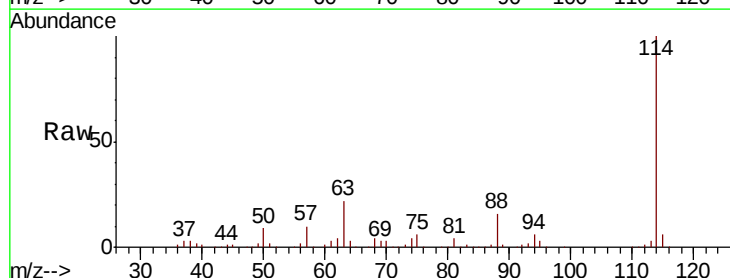
Instrument :
 MSVOA_N
 ClientSampled :
 VN0425WBS01

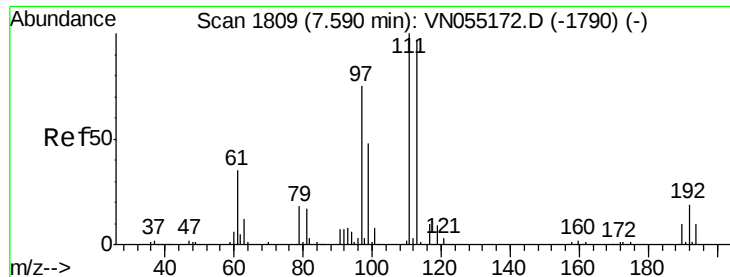
Tot Ion: 65 Resp: 303405
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion: 114 Resp: 710124
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 16.4 0.0 32.8

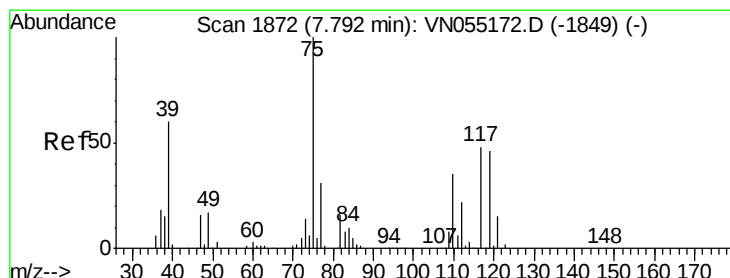
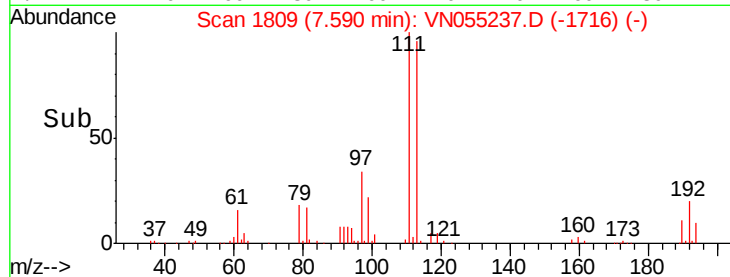
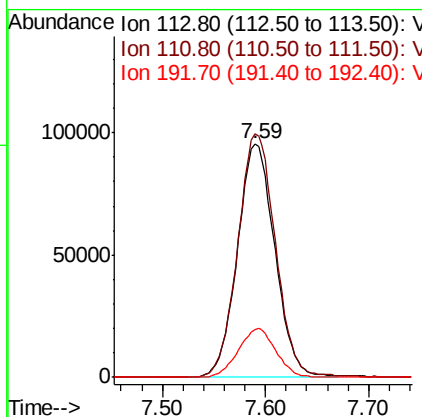
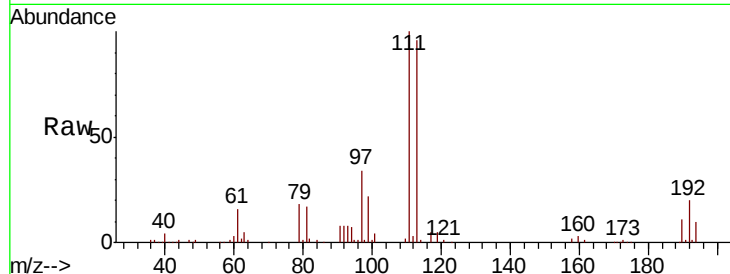




#35
 Dibromofluoromethane
 Concen: 50.061 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

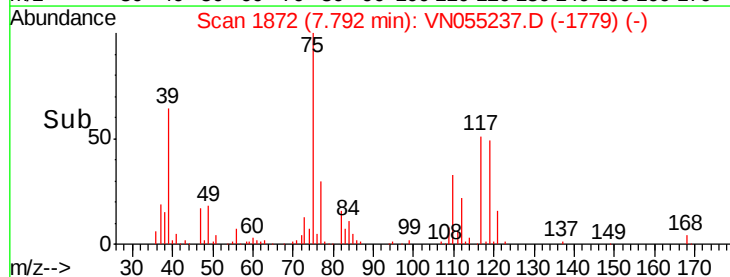
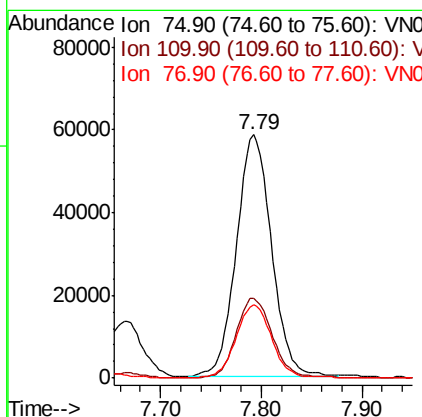
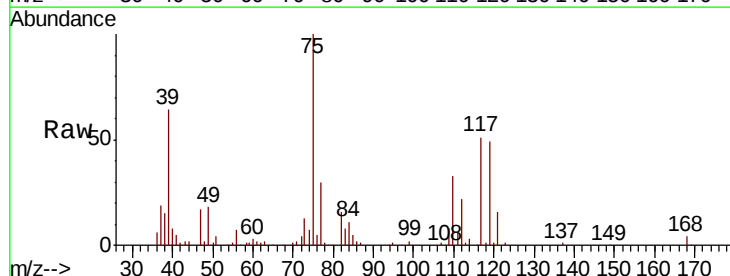
Instrument :
 MSVOA_N
 ClientSampled :
 VN0425WBS01

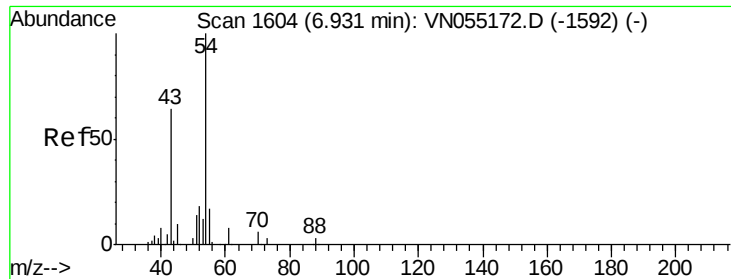
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.0	121.4
192	20.8	16.2	24.4



#36
 1,1-Dichloropropene
 Concen: 21.481 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.1	51.2
77	30.7	24.6	36.8

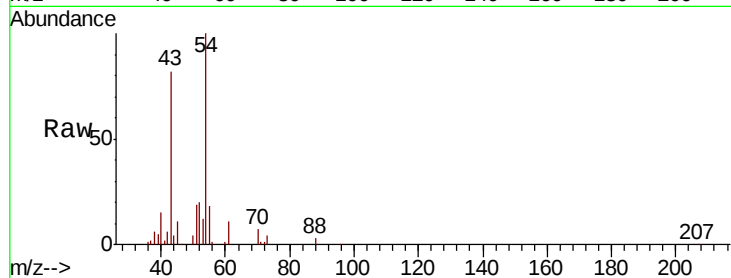




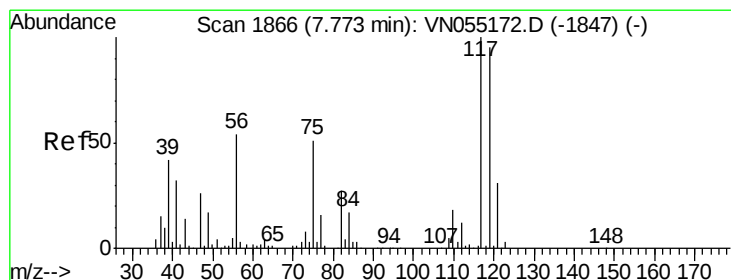
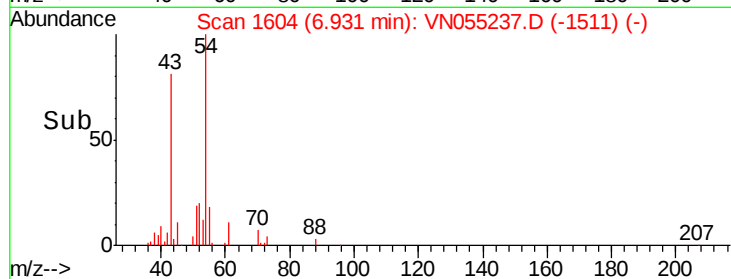
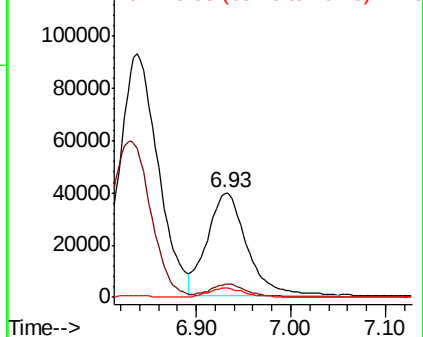
#37
Ethyl Acetate
Concen: 21.584 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tot Ion: 43 Resp: 114811
Ion Ratio Lower Upper
43 100
61 11.5 9.7 14.5
70 8.3 6.9 10.3

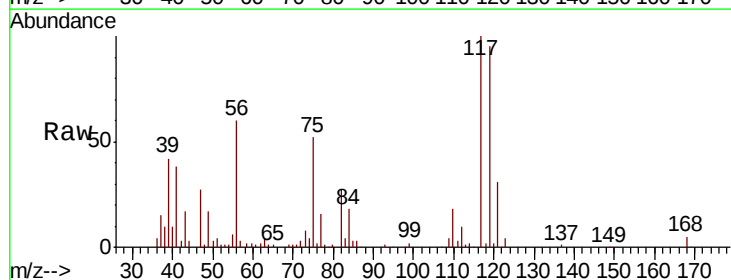


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

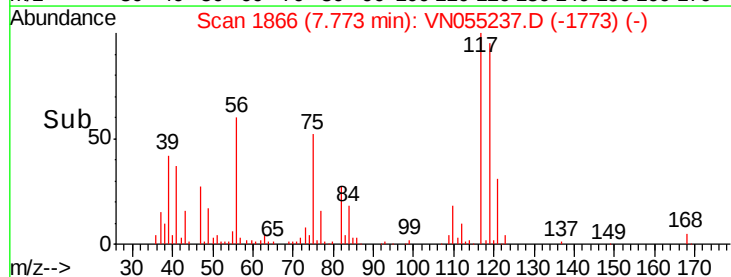
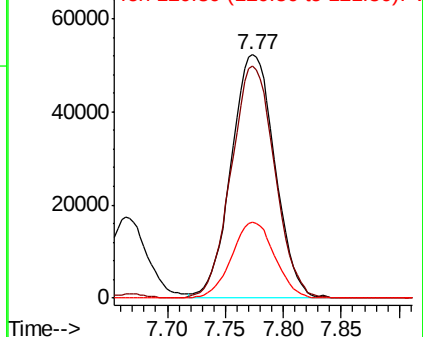


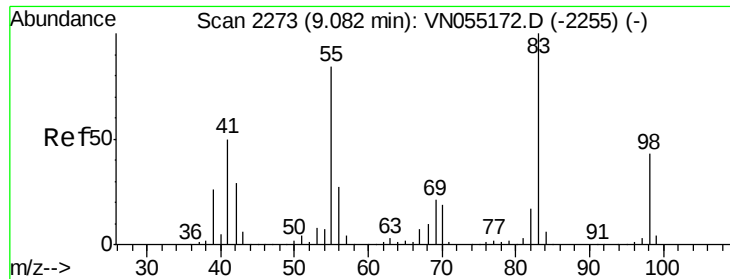
#38
Carbon Tetrachloride
Concen: 22.171 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 117 Resp: 136841
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
121 30.9 24.6 36.8



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

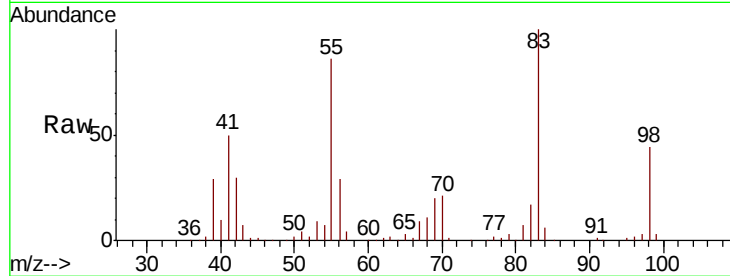




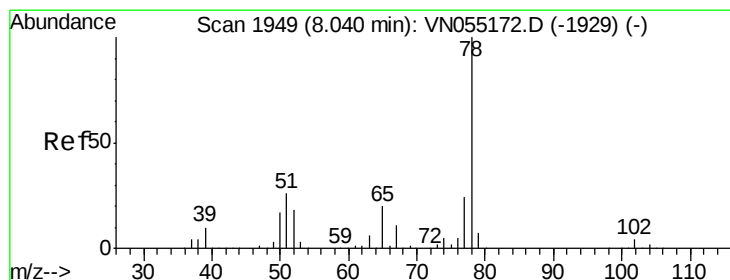
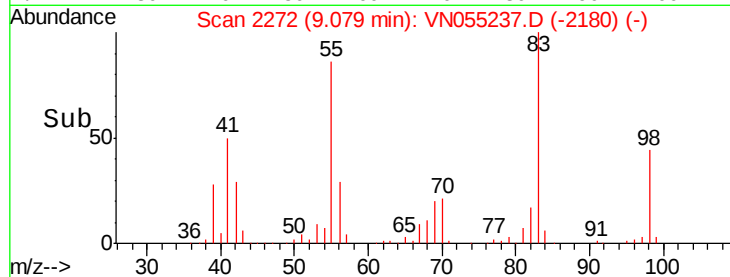
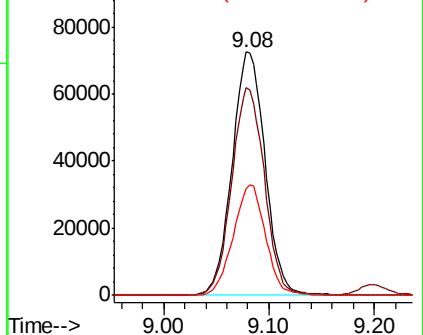
#39
Methvlcvclohexane
Concen: 19.979 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tot Ion: 83 Resp: 157098
Ion Ratio Lower Upper
83 100
55 85.6 67.4 101.0
98 44.0 34.7 52.1

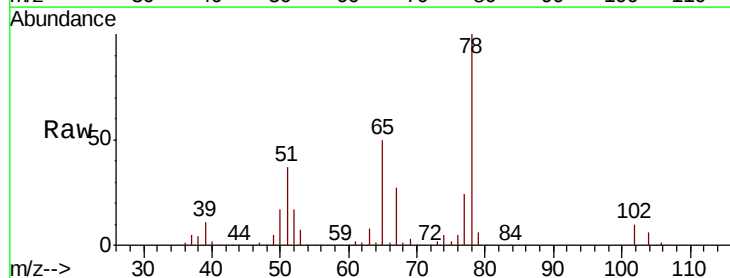


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

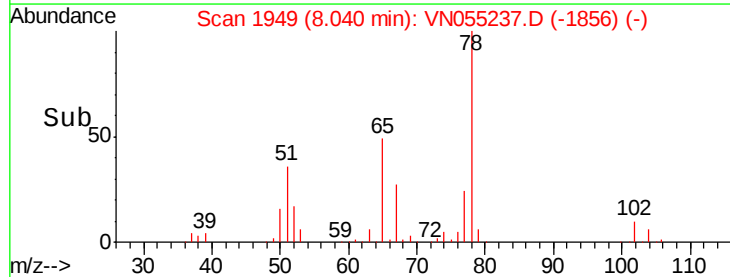
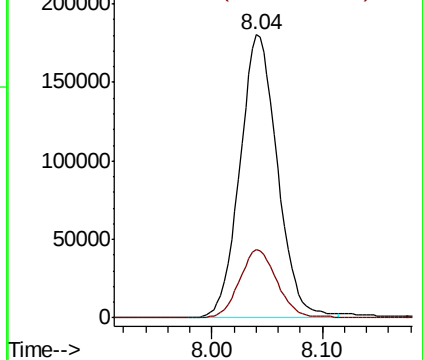


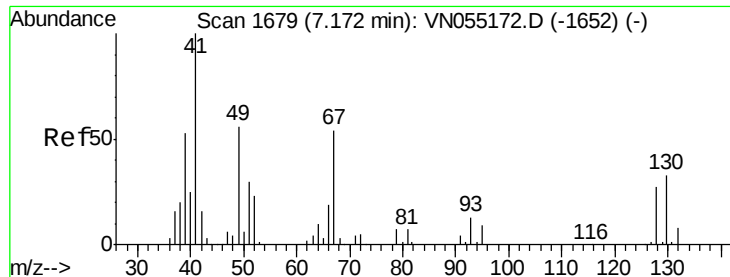
#40
Benzene
Concen: 20.891 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 78 Resp: 425057
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



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

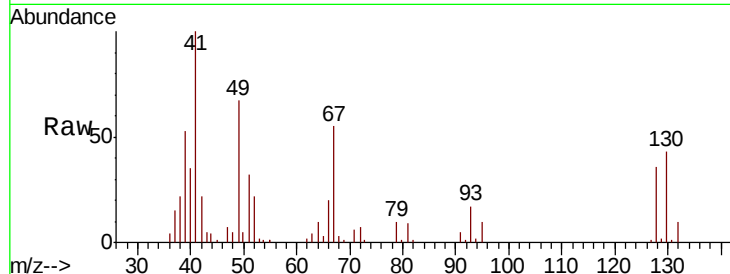




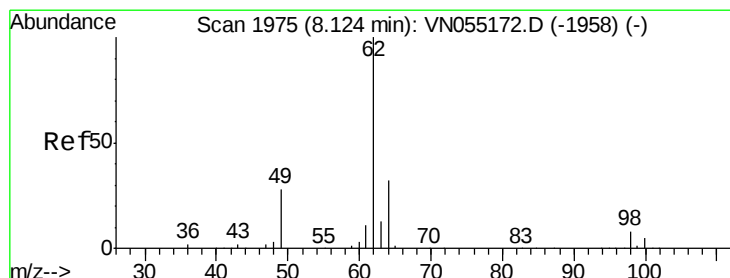
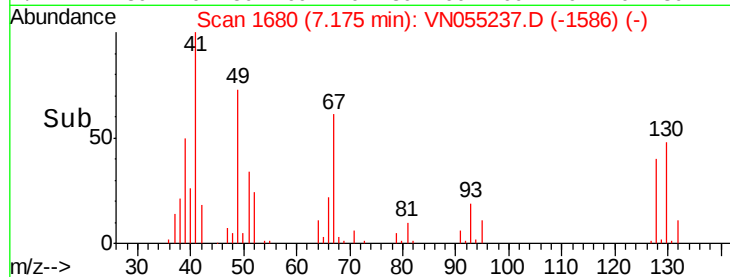
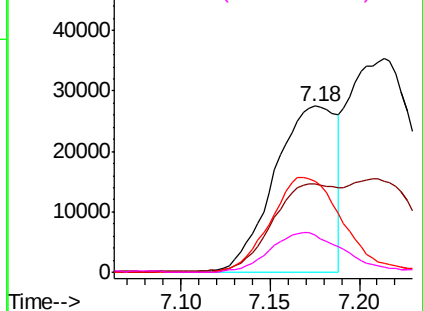
#41
Methacrylonitrile
Concen: 23.833 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

Tot Ion:	41	Resp:	66463
Ion	Ratio	Lower	Upper
41	100		
39	53.0	45.4	68.0
67	66.8	54.6	81.8
52	28.6	22.8	34.2

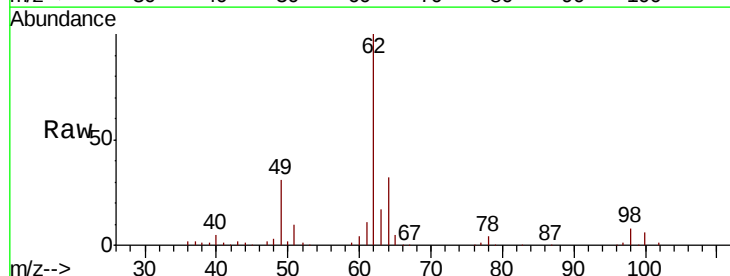


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

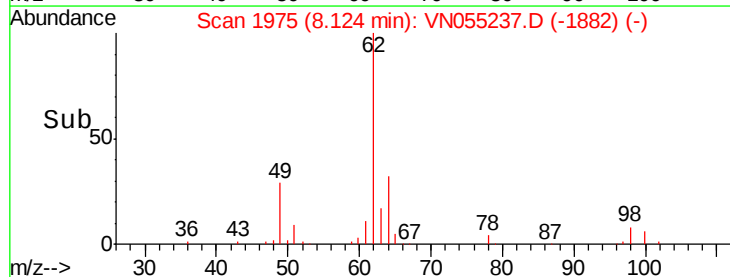
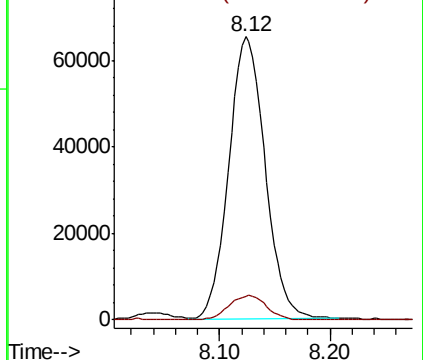


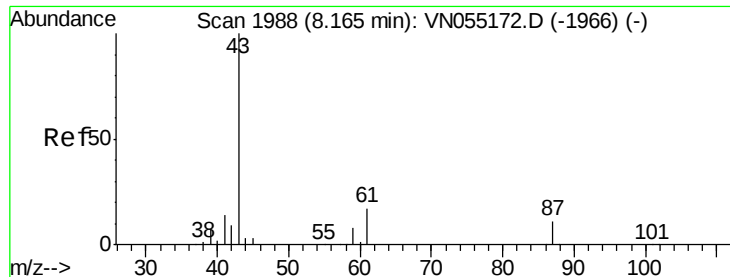
#42
1,2-Dichloroethane
Concen: 21.014 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion:	62	Resp:	149160
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 22.944 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

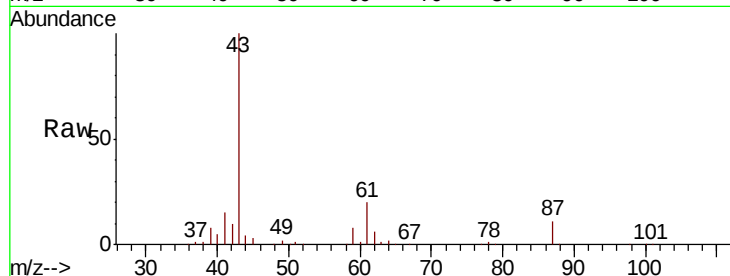
MSVOA_N

ClientSampleId :

VN0425WBS01

Tot Ion: 43 Resp: 197629

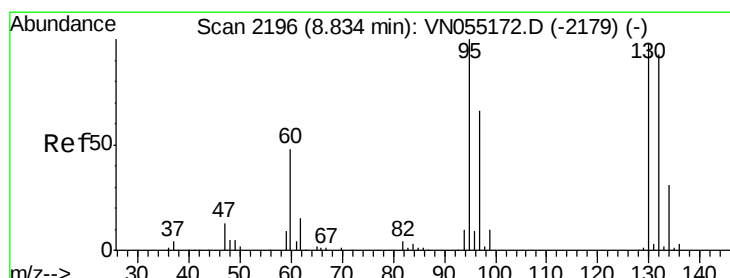
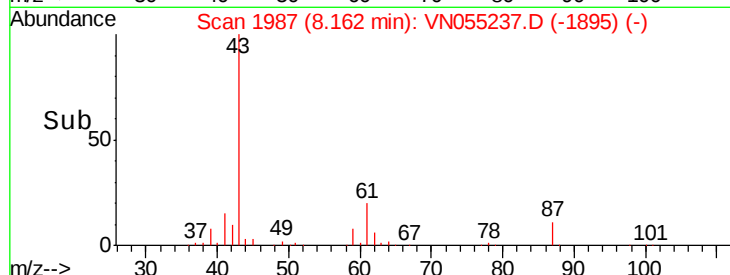
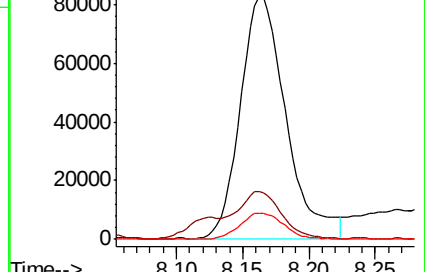
Ion	Ratio	Lower	Upper
43	100		
61	17.7	20.6	30.8#
87	10.4	8.8	13.2



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 21.309 ug/l

RT: 8.83 min Scan# 2196

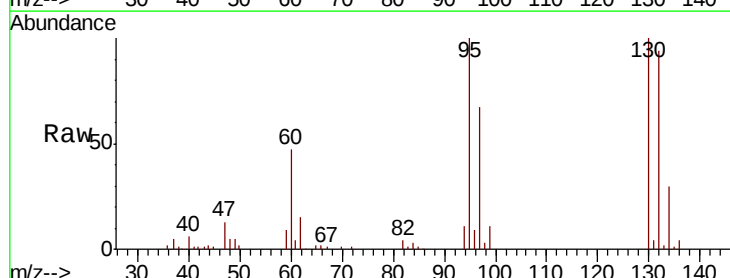
Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

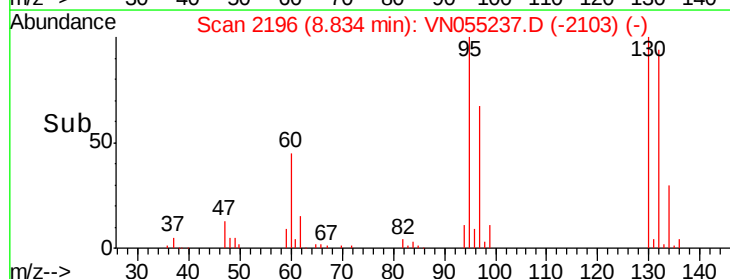
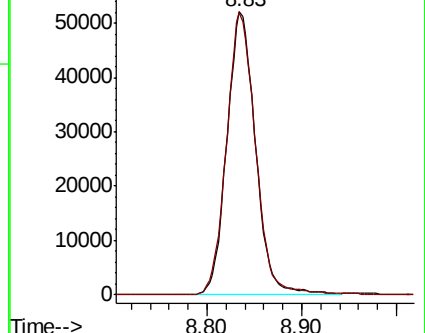
Tgt Ion:130 Resp: 109582

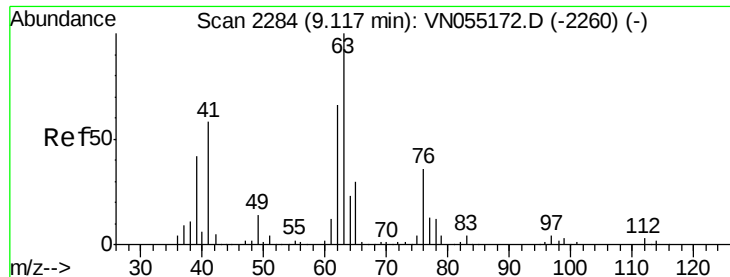
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

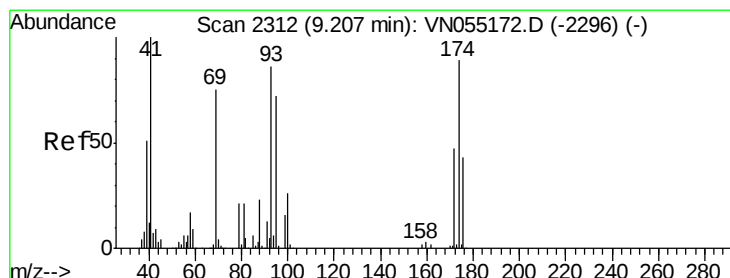
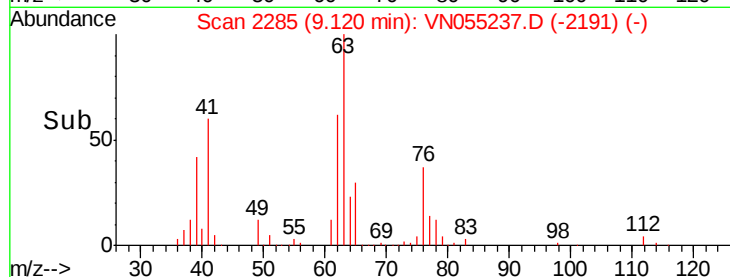
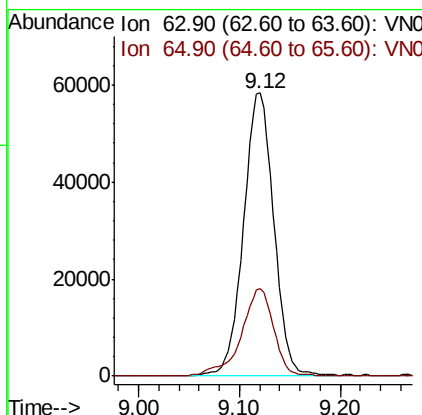
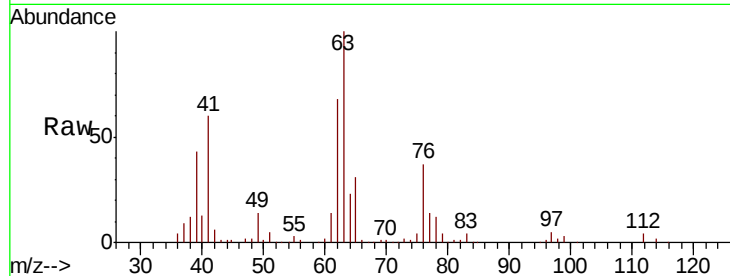




#45
 1,2-Dichloropropane
 Concen: 21.100 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

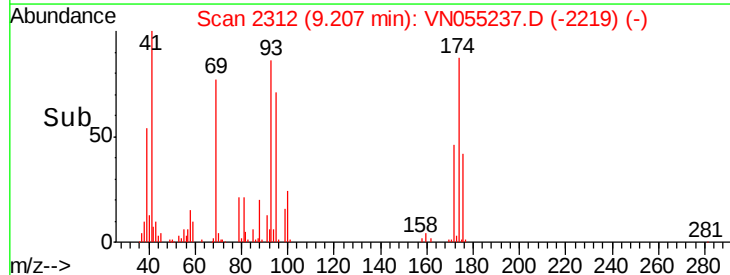
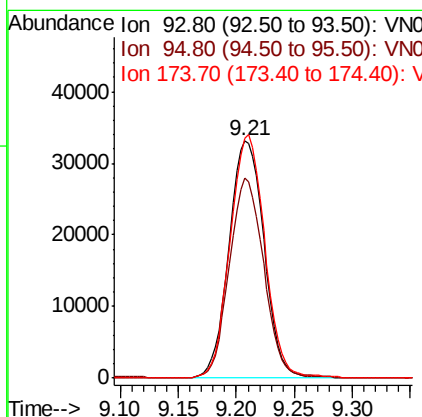
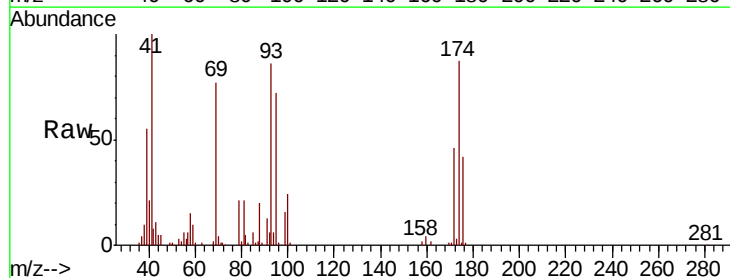
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

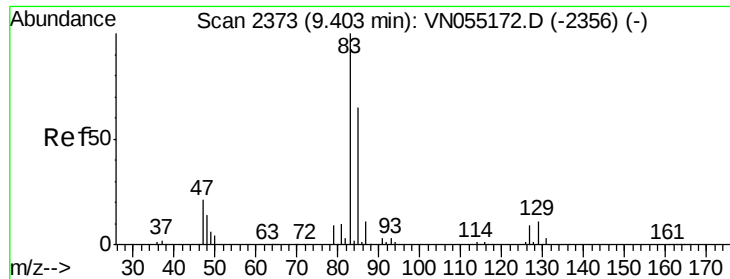
Tot Ion: 63 Resp: 121180
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.6



#46
 Dibromomethane
 Concen: 21.173 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion: 93 Resp: 69612
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.6 101.4
 174 101.4 83.4 125.2





#47

Bromodichloromethane

Concen: 21.824 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

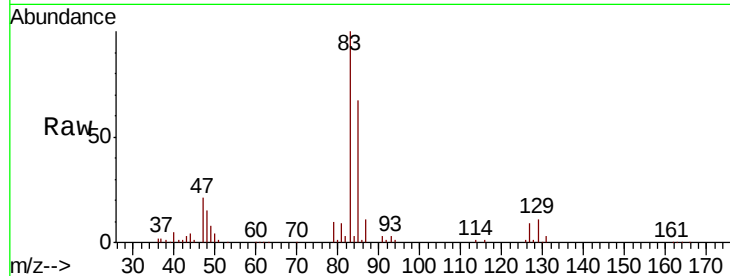
Tot Ion: 83 Resp: 143637

Ion Ratio Lower Upper

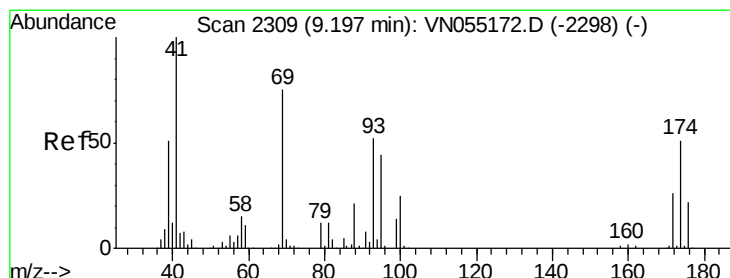
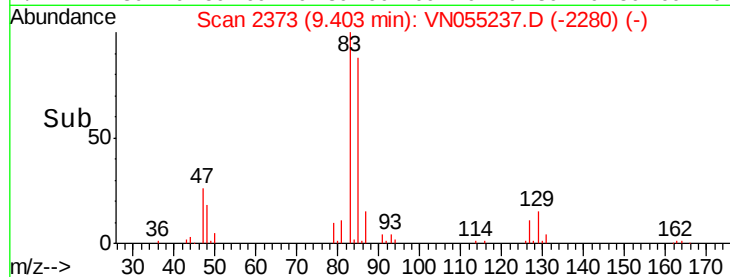
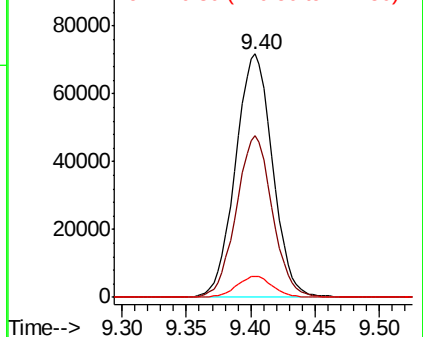
83 100

85 66.5 52.1 78.1

127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.560 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

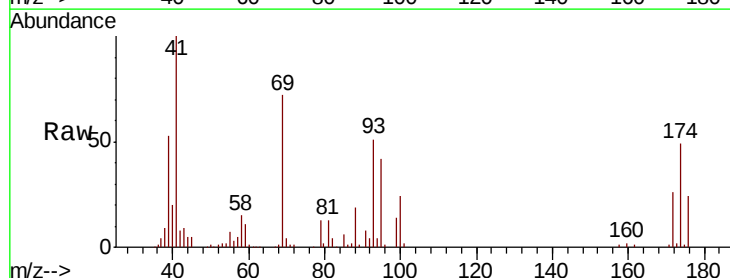
Tgt Ion: 41 Resp: 90081

Ion Ratio Lower Upper

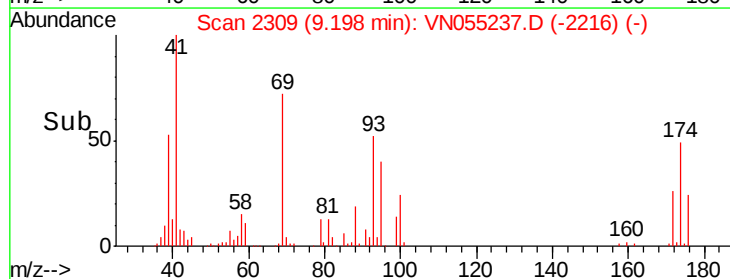
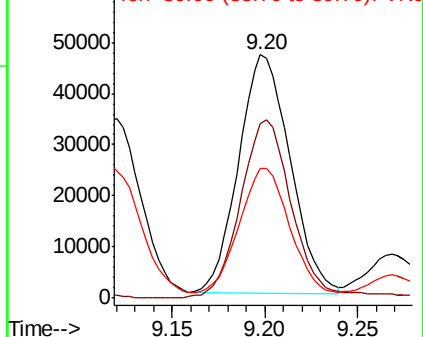
41 100

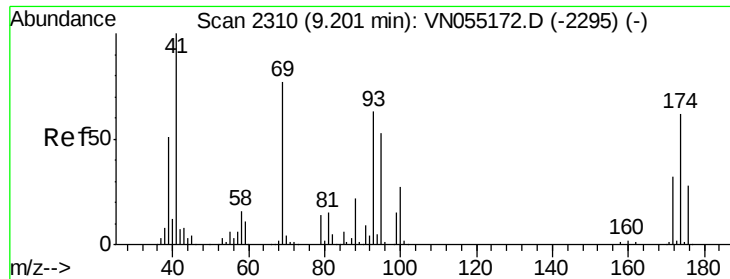
69 76.7 63.6 95.4

39 53.8 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

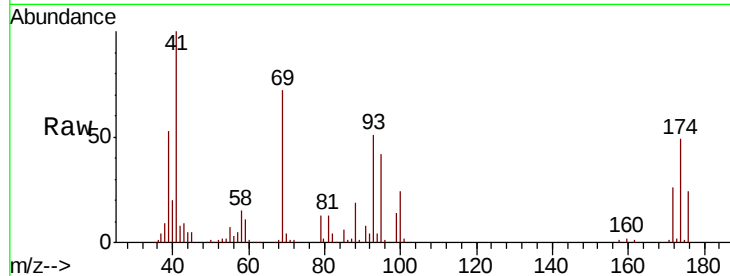




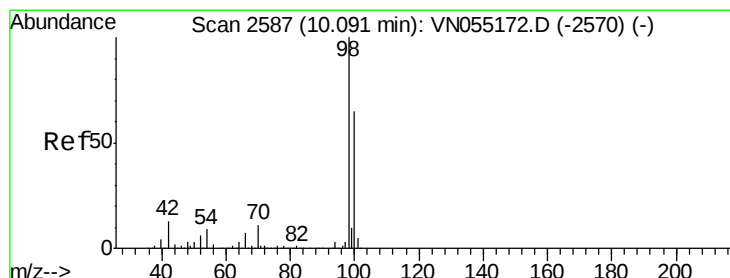
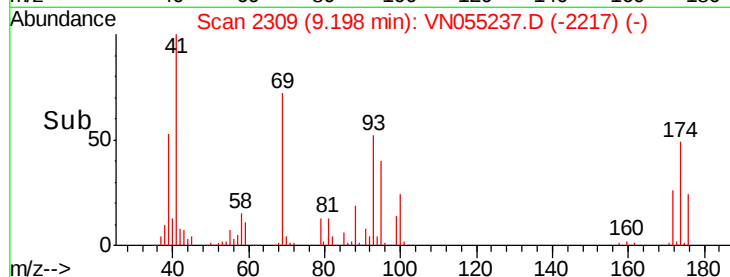
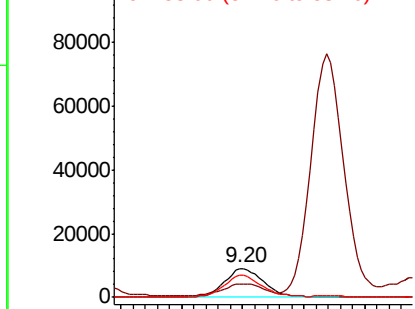
#49
1,4-Dioxane
Concen: 418.808 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tot Ion: 88 Resp: 20208
Ion Ratio Lower Upper
88 100
43 43.0 32.0 48.0
58 75.3 60.4 90.6

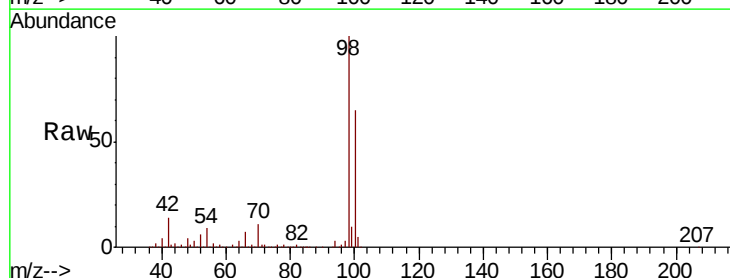


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

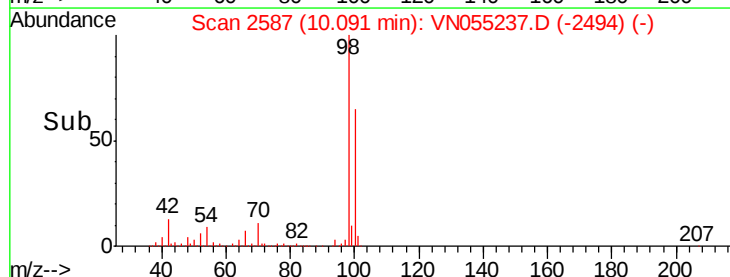
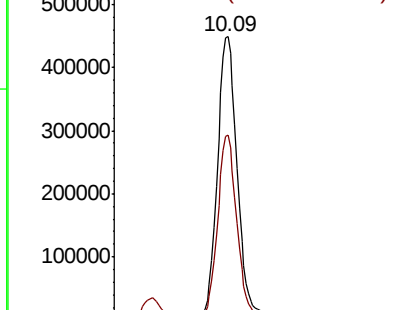


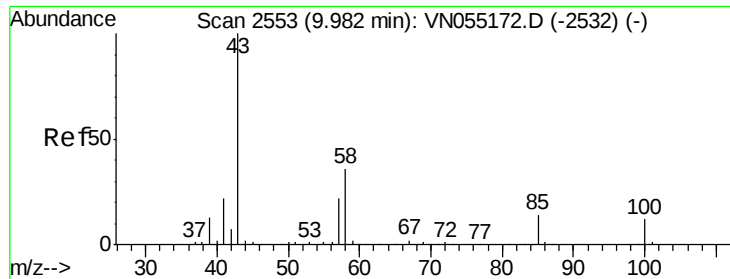
#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 98 Resp: 891163
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



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: 108.203 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

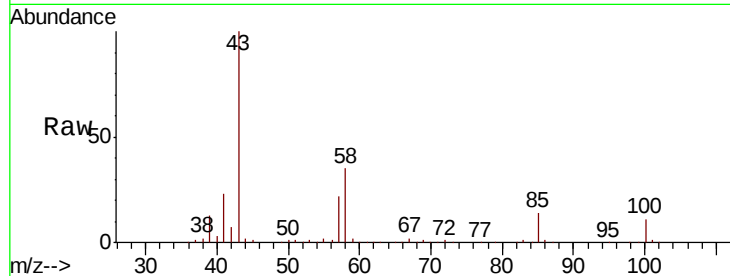
VN0425WBS01

Tot Ion: 43 Resp: 536308

Ion Ratio Lower Upper

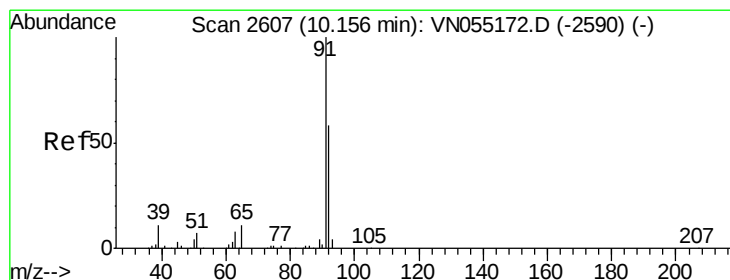
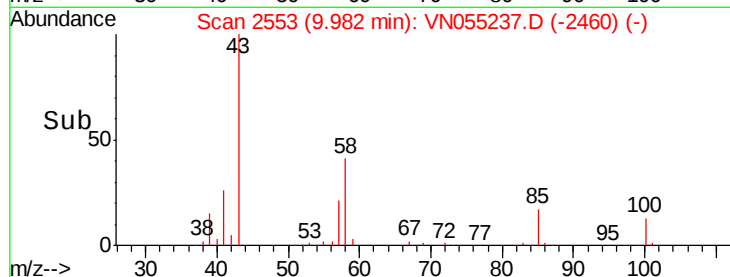
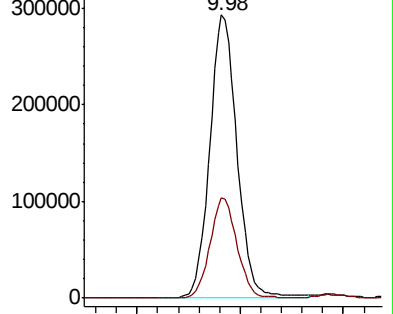
43 100

58 35.0 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 21.172 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055237.D

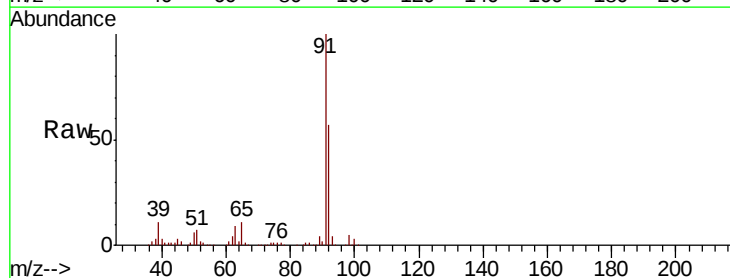
Acq: 25 Apr 2019 10:49

Tgt Ion: 92 Resp: 252532

Ion Ratio Lower Upper

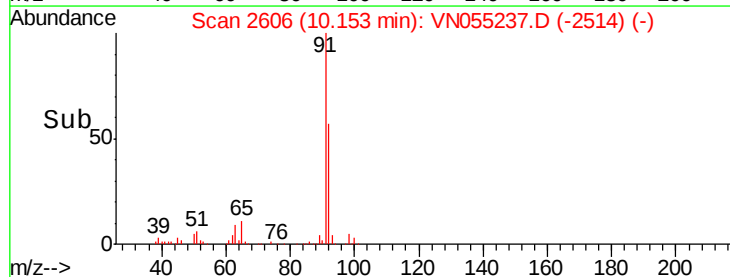
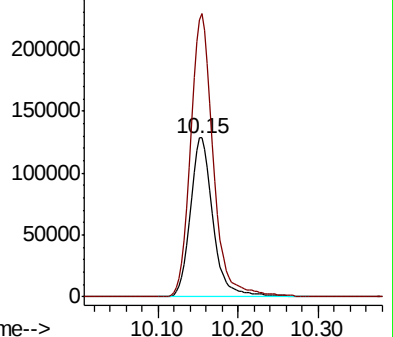
92 100

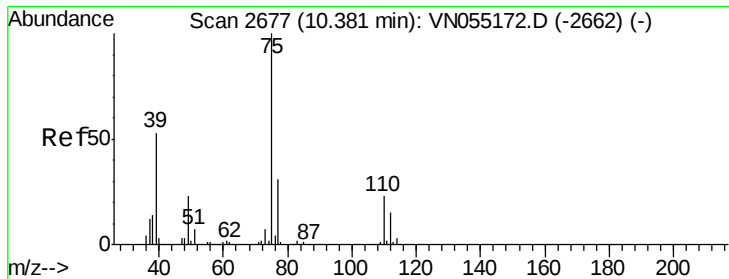
91 178.1 138.7 208.1



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: 21.968 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

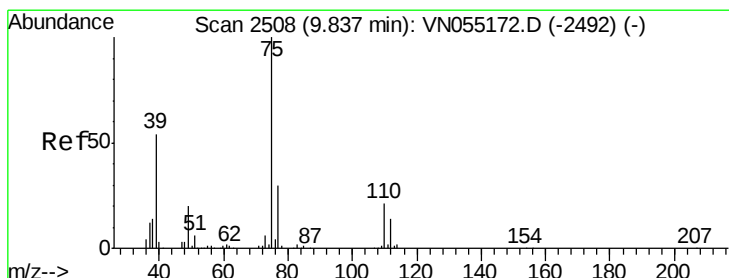
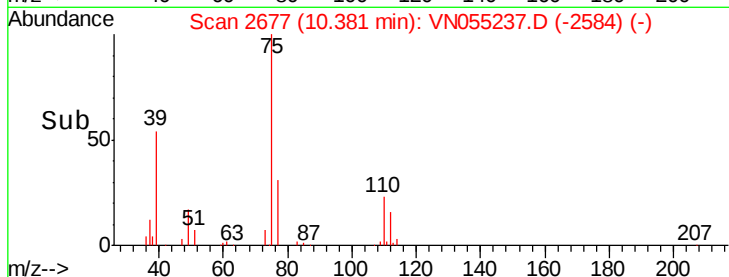
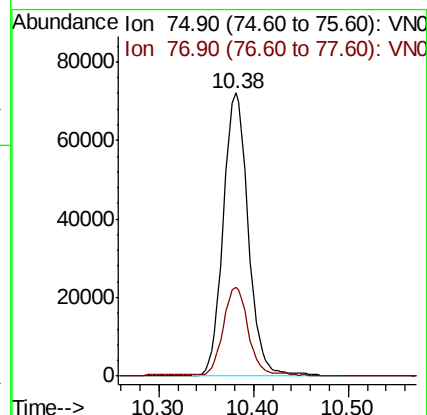
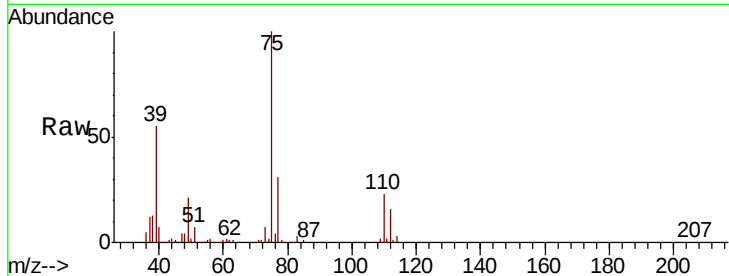
VN0425WBS01

Tot Ion: 75 Resp: 132688

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.705 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

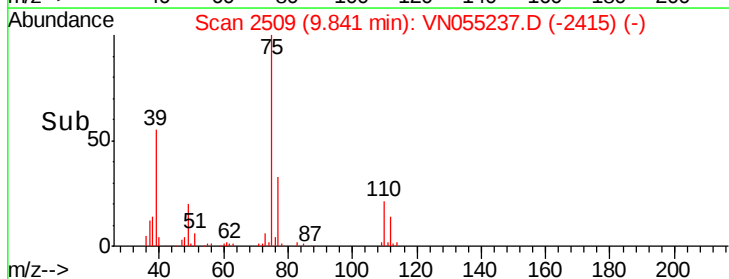
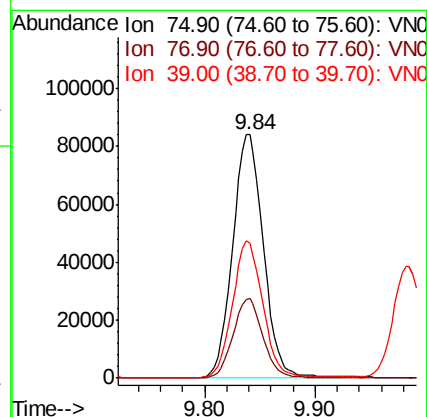
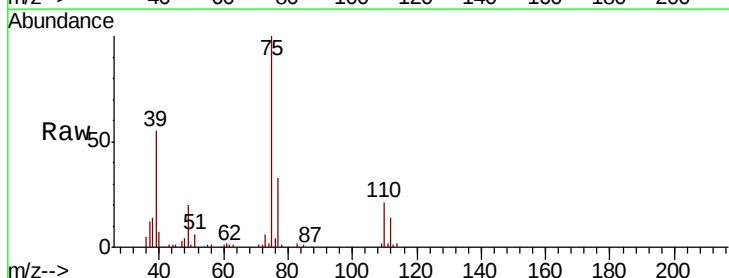
Tgt Ion: 75 Resp: 162690

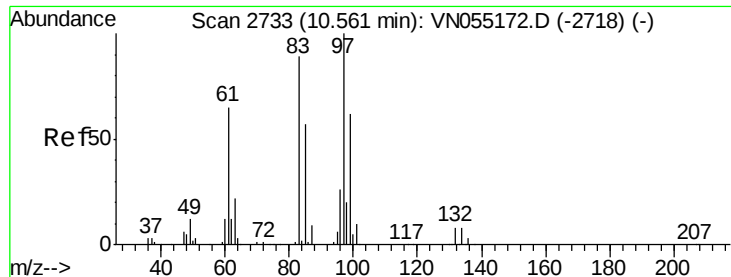
Ion Ratio Lower Upper

75 100

77 32.7 24.3 36.5

39 54.9 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 21.029 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tot Ion: 97 Resp: 92472

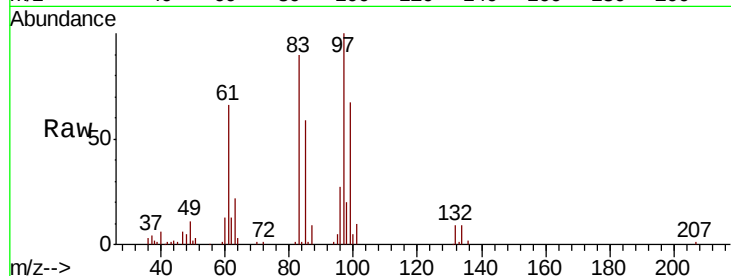
Ion Ratio Lower Upper

97 100

83 90.5 71.5 107.3

85 59.1 45.8 68.6

99 66.6 49.9 74.9



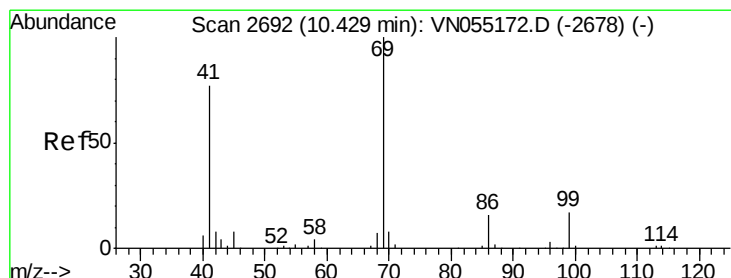
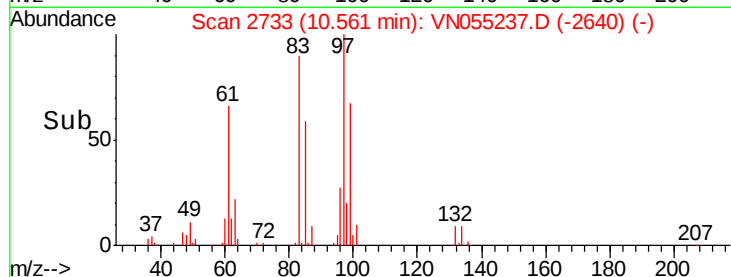
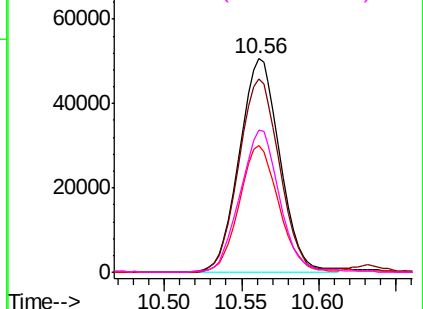
Abundance

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: 22.145 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

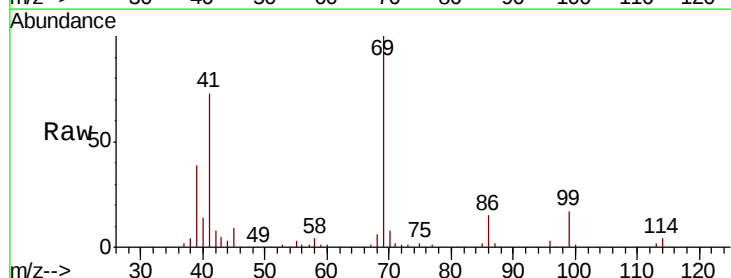
Tgt Ion: 69 Resp: 121308

Ion Ratio Lower Upper

69 100

41 74.5 60.6 90.8

39 39.1 31.7 47.5

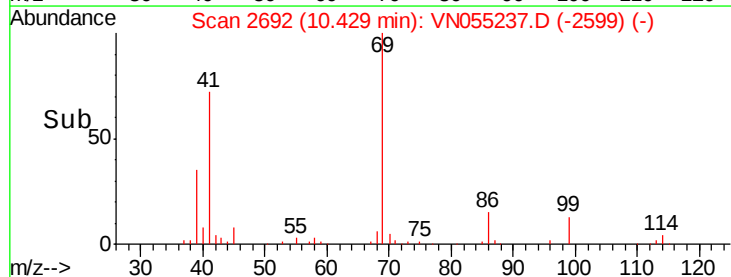
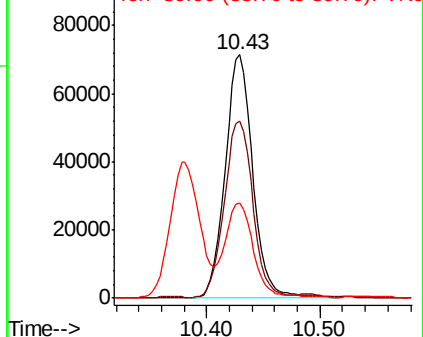


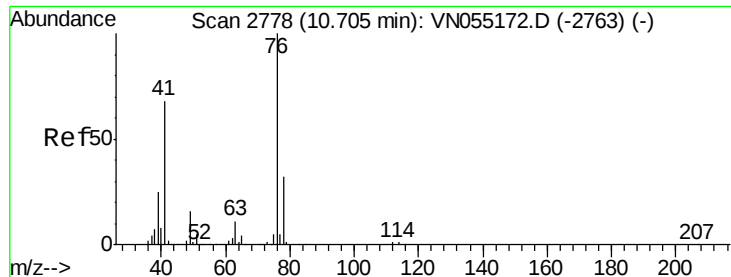
Abundance

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: 21.460 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

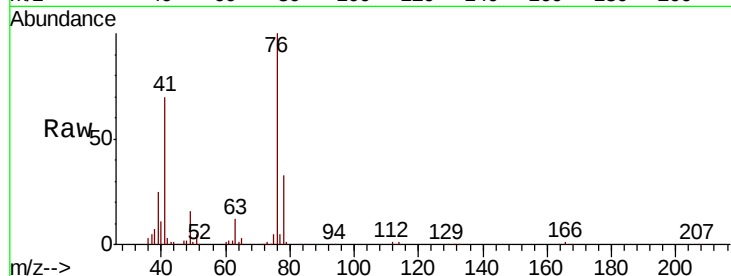
VN0425WBS01

Tot Ion: 76 Resp: 164183

Ion Ratio Lower Upper

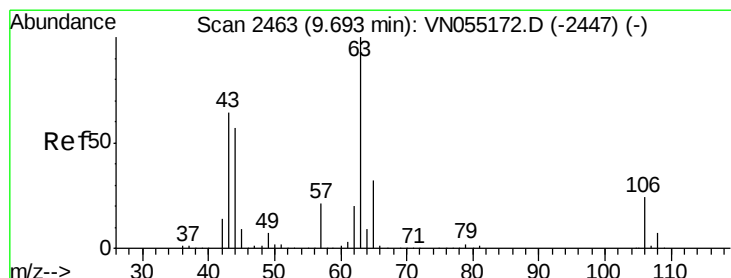
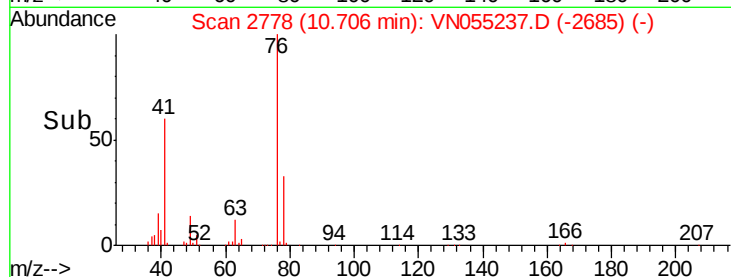
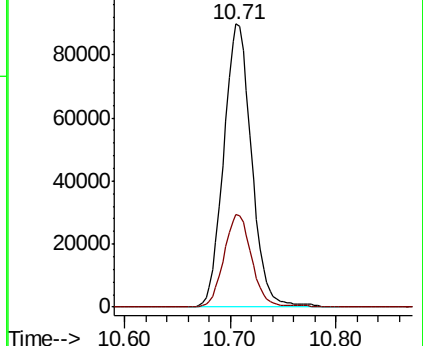
76 100

78 32.4 25.3 37.9



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: 87.543 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055237.D

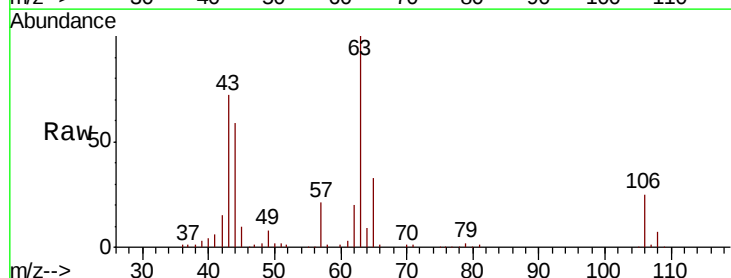
Acq: 25 Apr 2019 10:49

Tgt Ion: 63 Resp: 168579

Ion Ratio Lower Upper

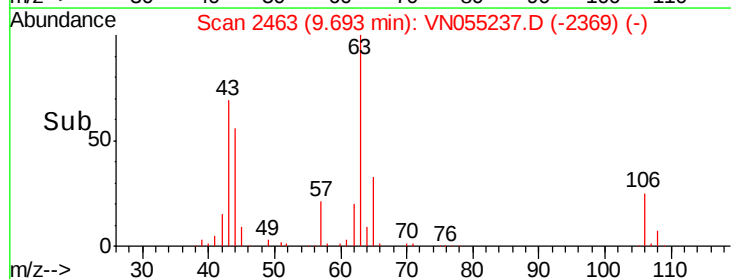
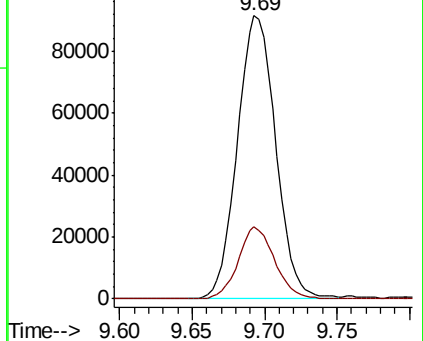
63 100

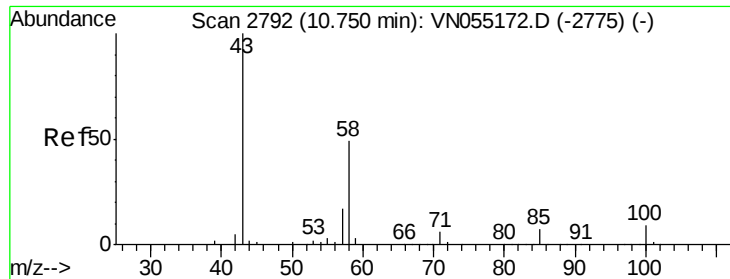
106 24.0 19.4 29.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

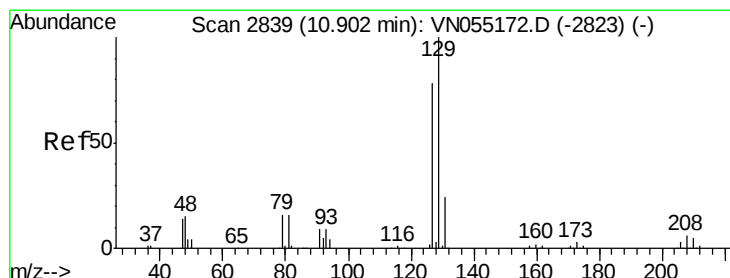
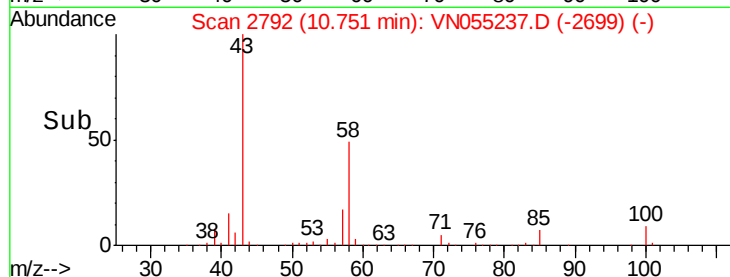
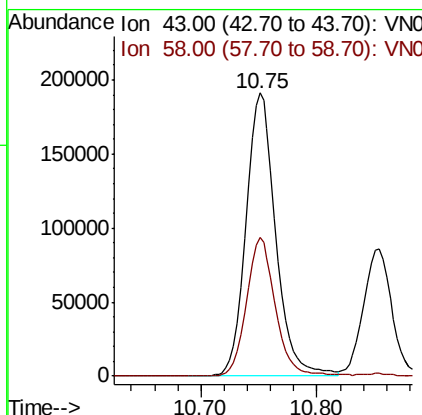
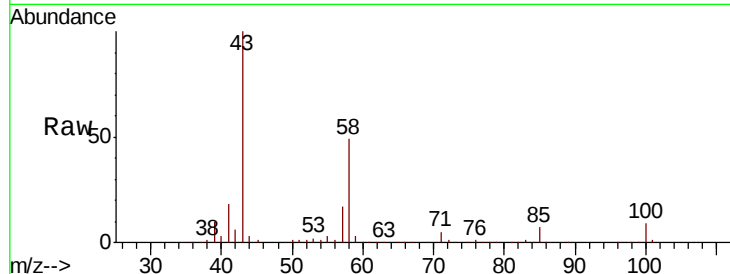




#59
2-Hexanone
Concen: 108.506 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

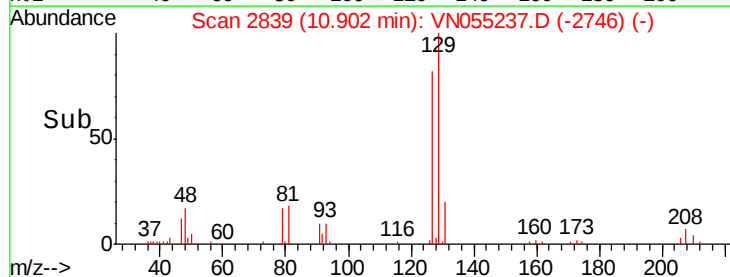
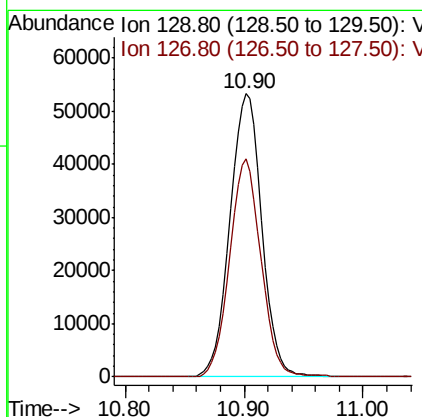
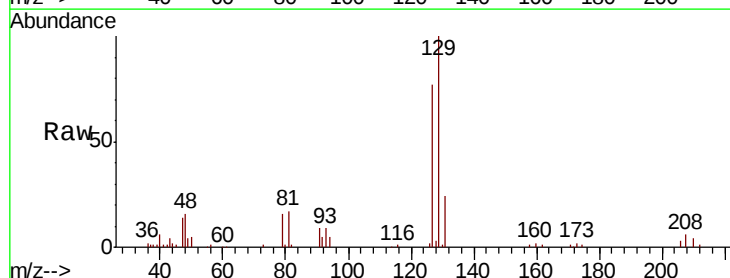
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

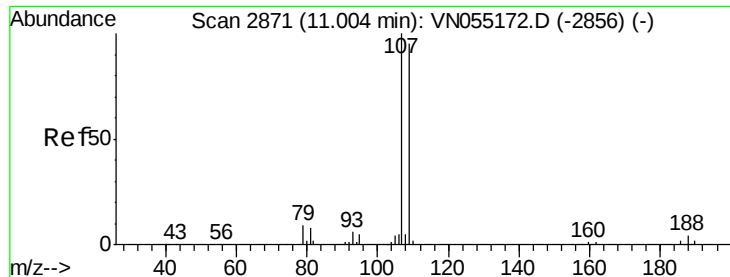
Tot Ion: 43 Resp: 339705
Ion Ratio Lower Upper
43 100
58 48.0 24.5 73.5



#60
Dibromochloromethane
Concen: 21.822 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 129 Resp: 98838
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.979 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

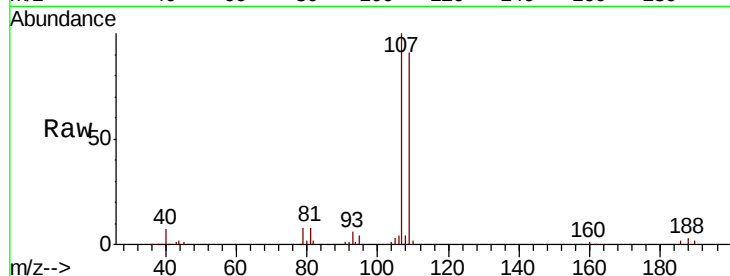
VN0425WBS01

Tot Ion:107 Resp: 90870

Ion Ratio Lower Upper

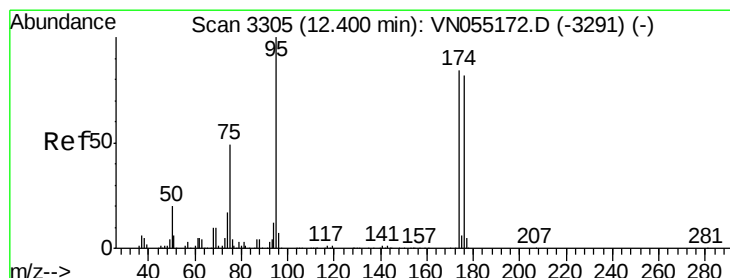
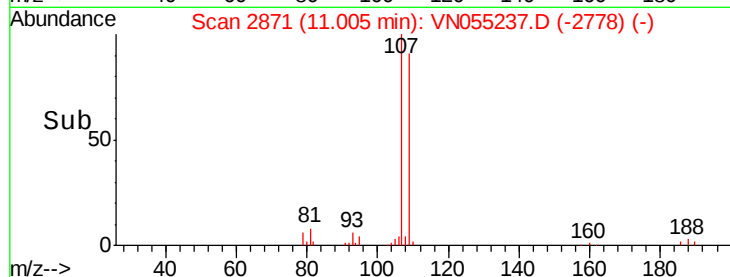
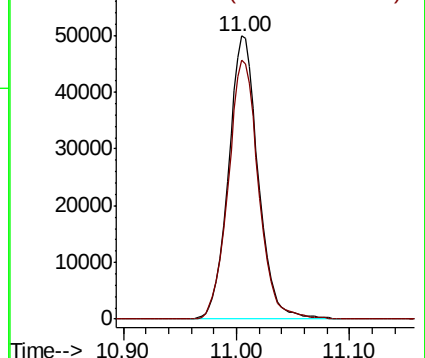
107 100

109 93.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.930 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

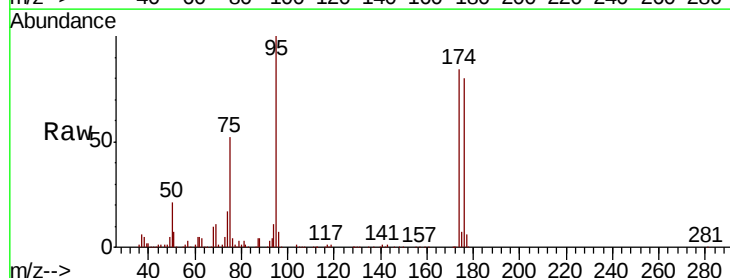
Tgt Ion: 95 Resp: 282619

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.4

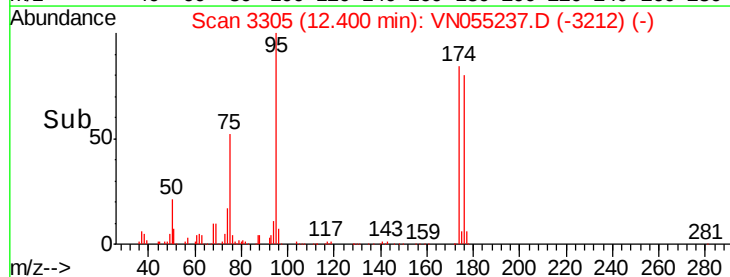
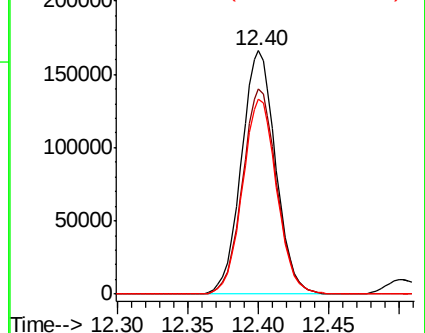
176 80.1 0.0 164.0

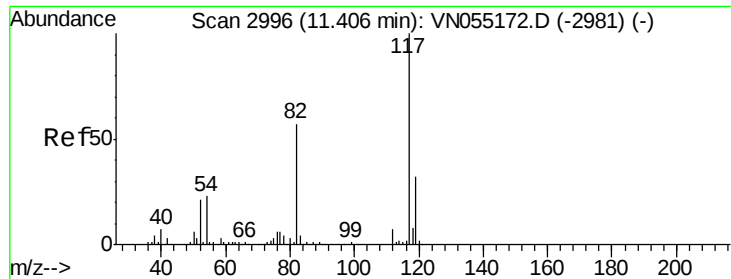


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

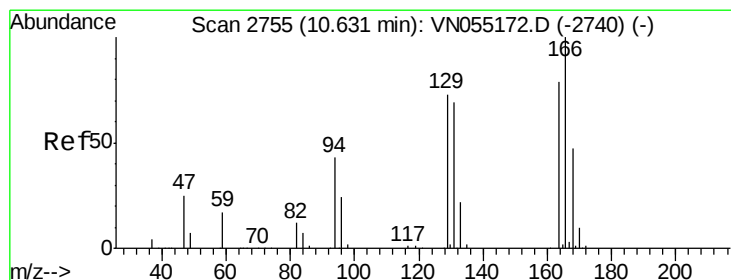
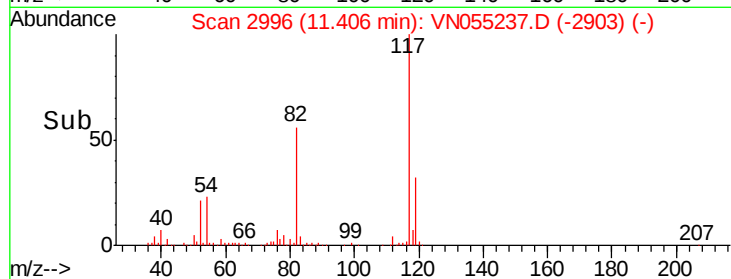
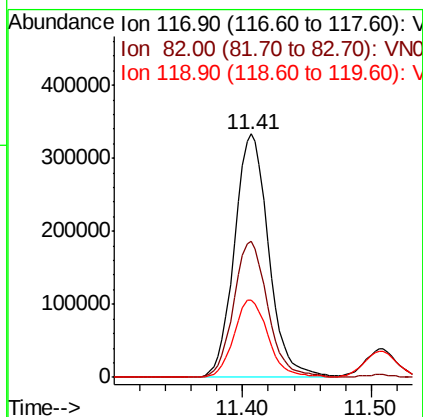
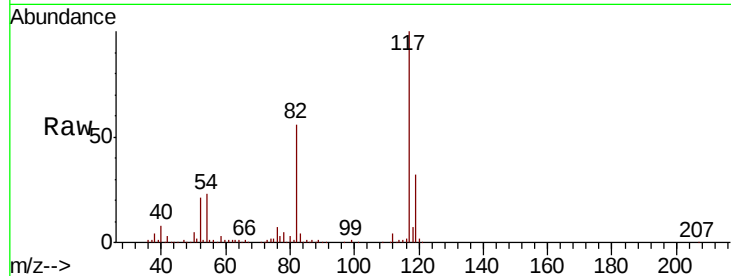




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

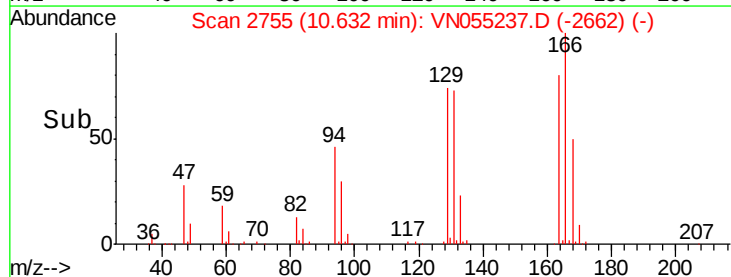
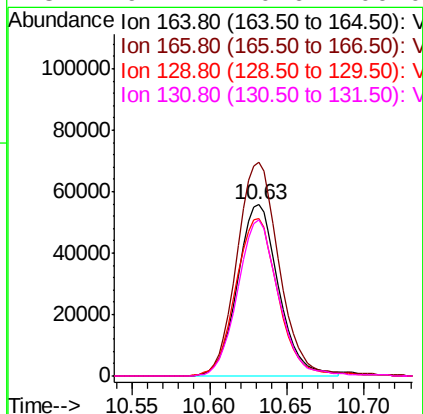
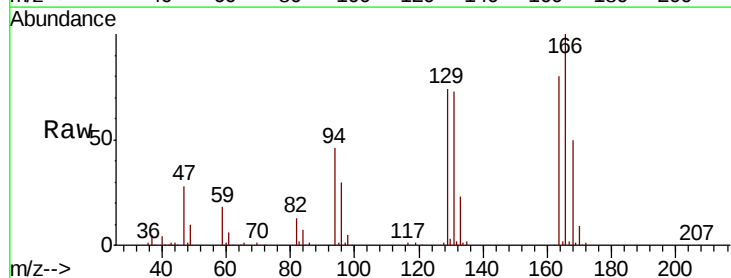
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

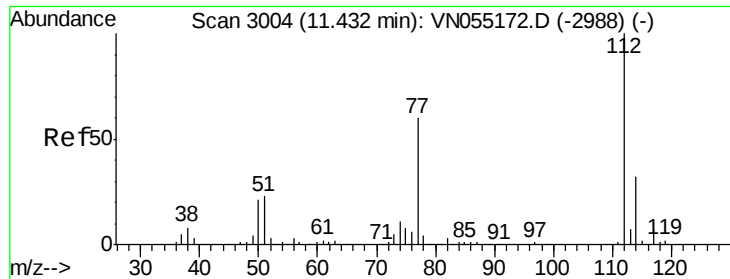
Tot Ion:117 Resp: 615522
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 20.546 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion:164 Resp: 103166
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 92.3 74.1 111.1
131 91.2 70.6 106.0

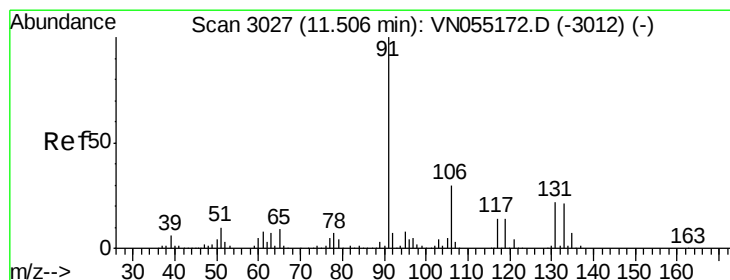
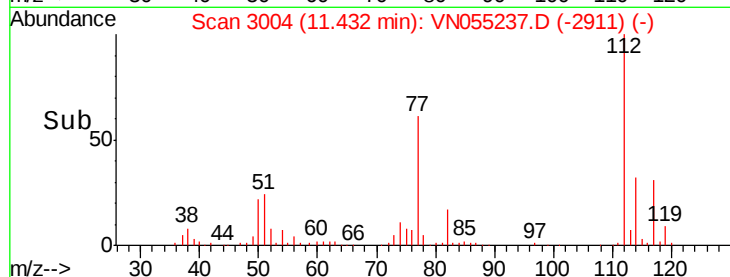
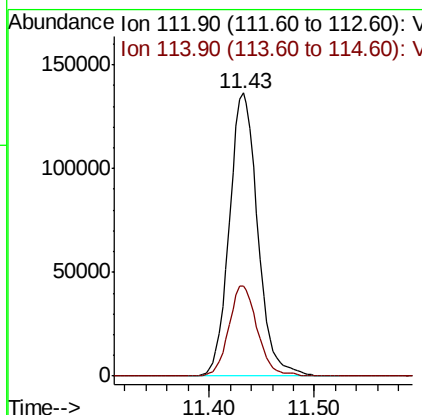
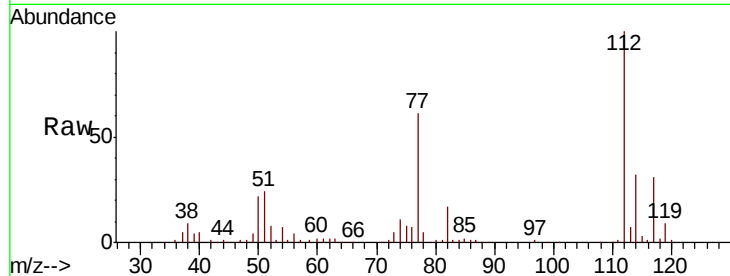




#65
Chlorobenzene
Concen: 20.189 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

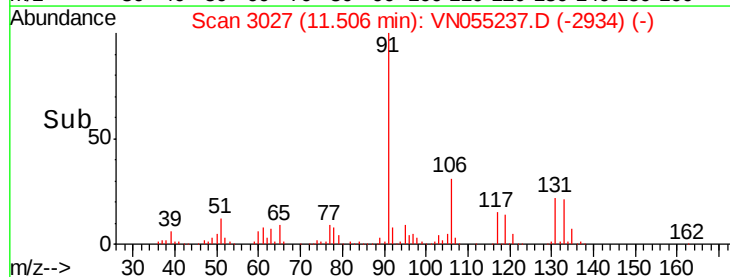
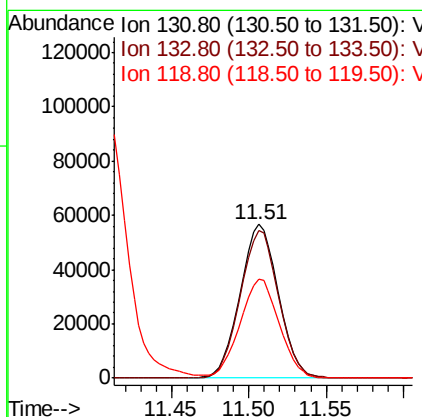
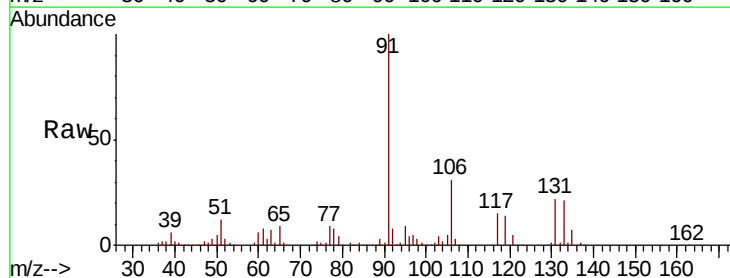
Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

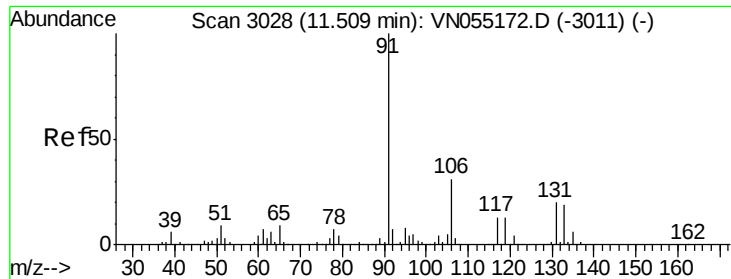
Tot Ion:112 Resp: 253642
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.970 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion:131 Resp: 97647
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 65.7 33.2 99.6

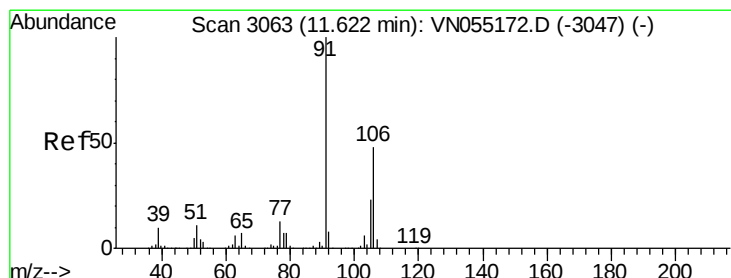
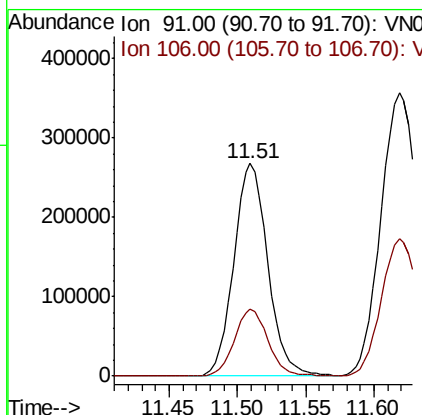
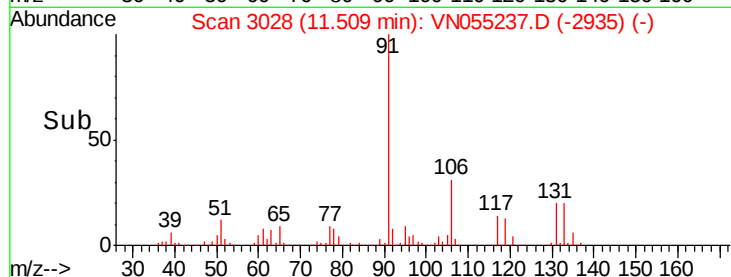
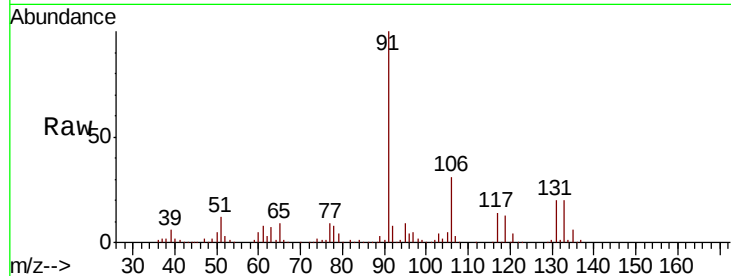




#67
Ethyl Benzene
Concen: 20.744 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

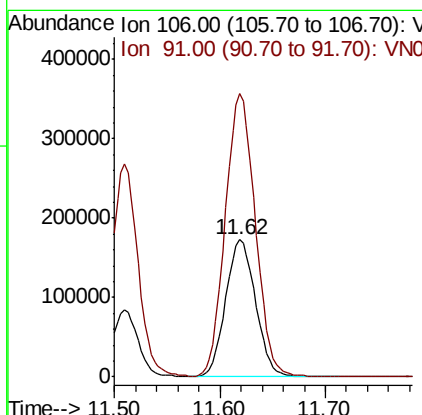
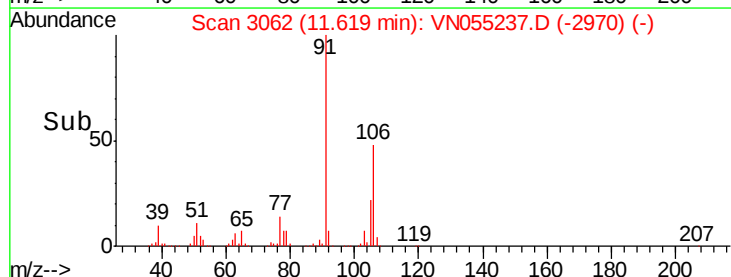
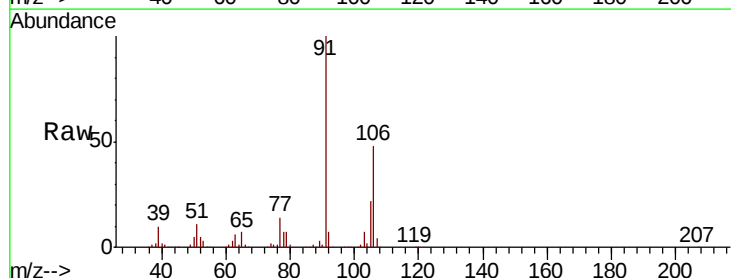
Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

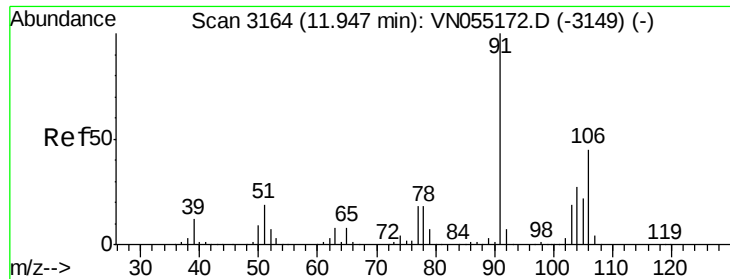
Tot Ion: 91 Resp: 464232
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7



#68
m/p-Xylenes
Concen: 42.301 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 106 Resp: 339535
Ion Ratio Lower Upper
106 100
91 206.8 167.1 250.7

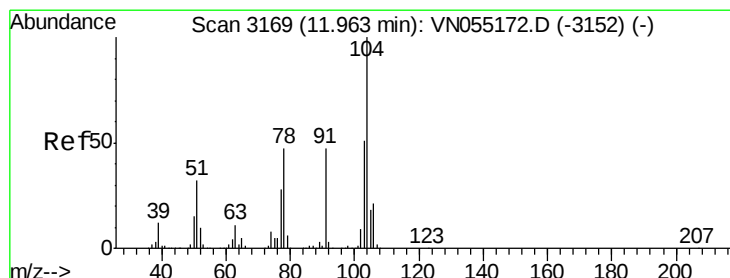
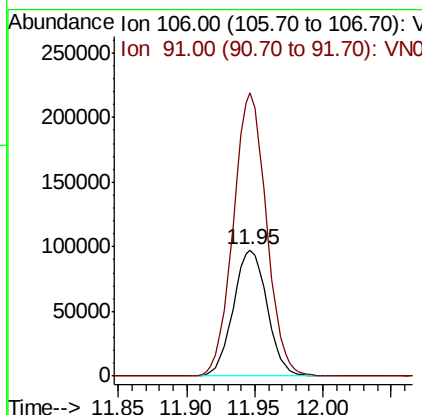
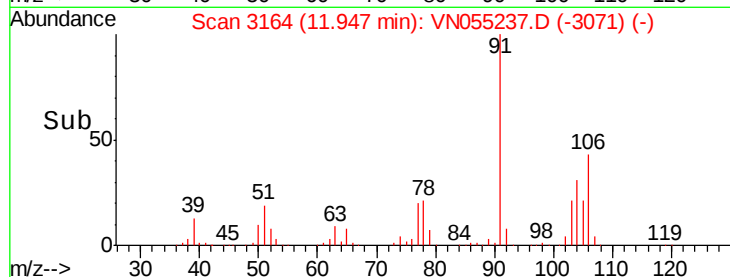
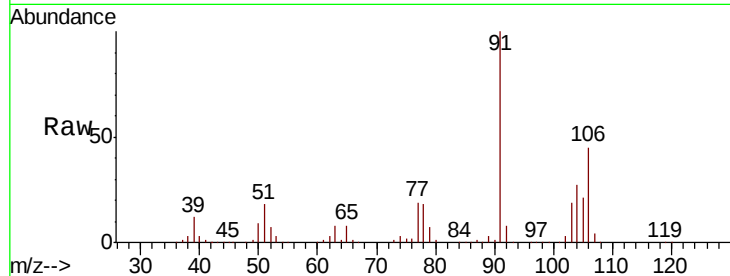




#69
o-Xylene
Concen: 21.111 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

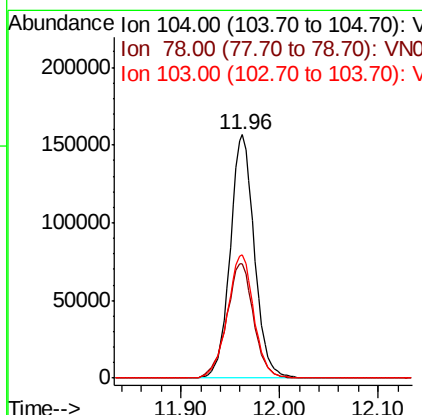
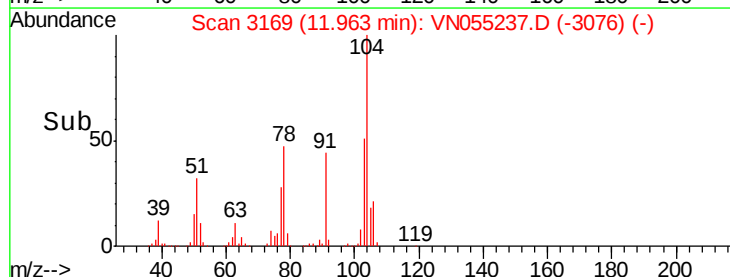
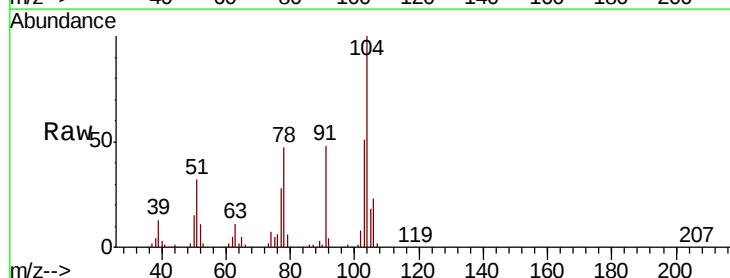
Instrument :
MSVOA_N
ClientSampled :
VN0425WBS01

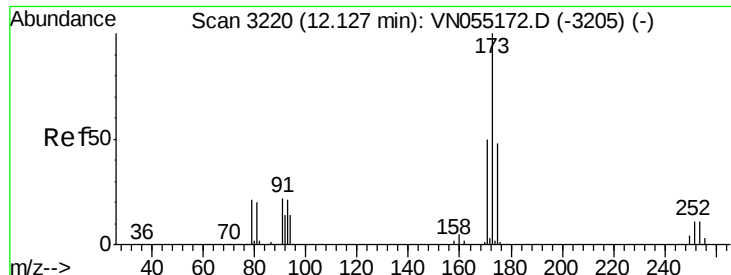
Tot Ion:106 Resp: 168162
Ion Ratio Lower Upper
106 100
91 219.9 110.6 331.8



#70
Styrene
Concen: 21.704 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion:104 Resp: 267988
Ion Ratio Lower Upper
104 100
78 52.5 41.3 61.9
103 55.3 44.2 66.4

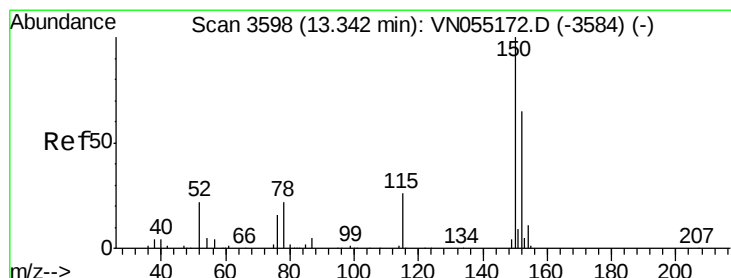
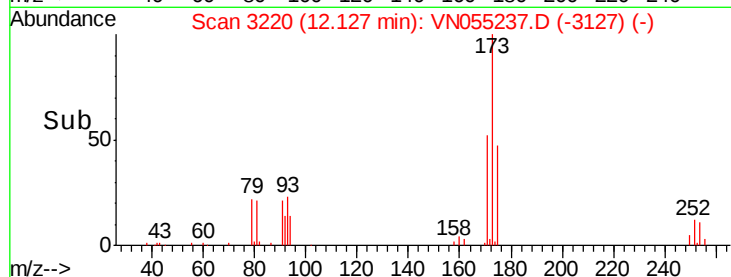
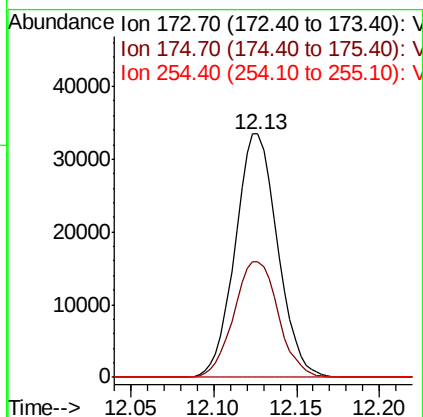
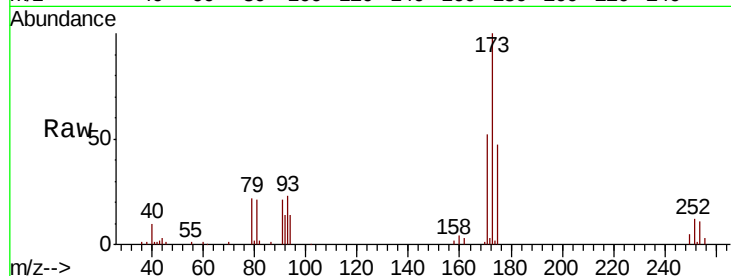




#71
Bromoform
Concen: 21.400 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

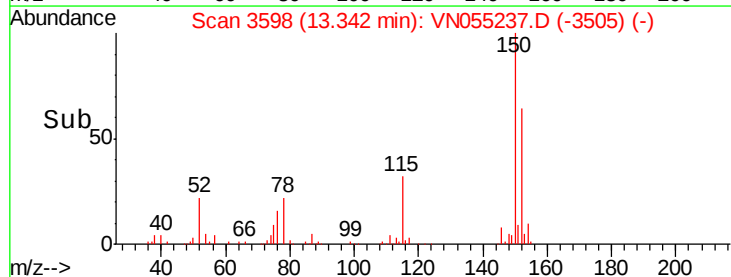
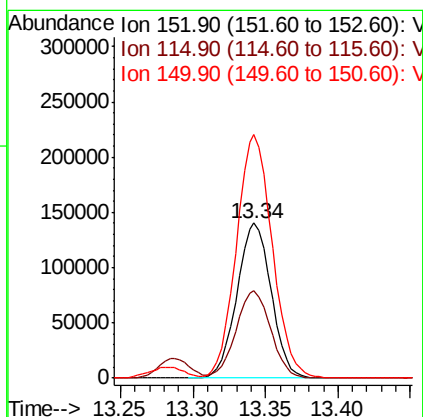
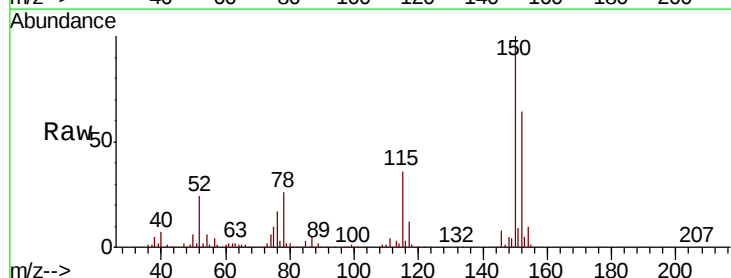
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

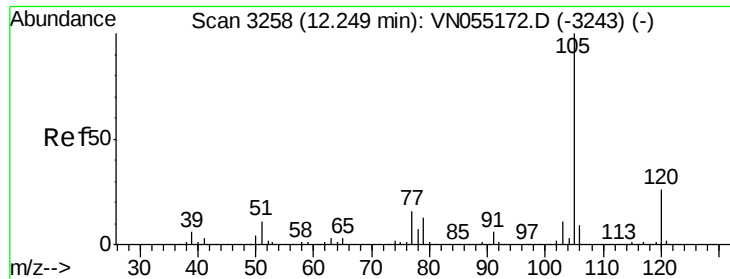
Tot Ion:173 Resp: 59463
Ion Ratio Lower Upper
173 100
175 49.7 23.8 71.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion:152 Resp: 229787
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 164.1 0.0 346.6





#73

Isopropylbenzene

Concen: 22.963 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

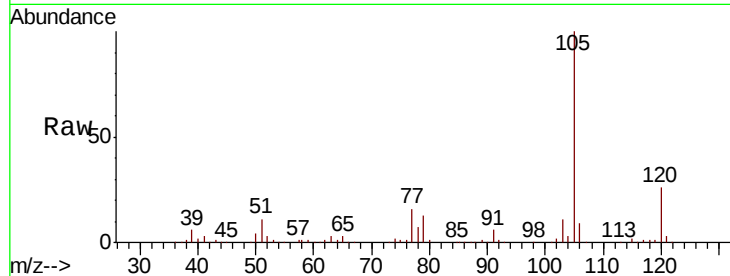
VN0425WBS01

Tot Ion:105 Resp: 446505

Ion Ratio Lower Upper

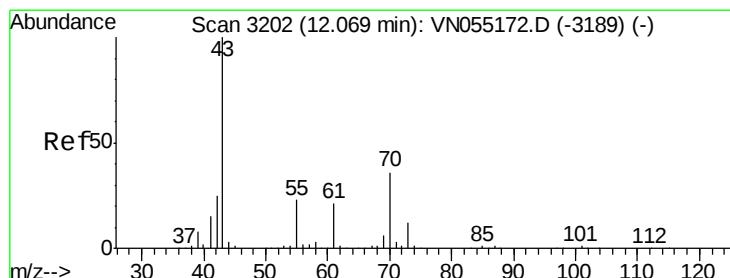
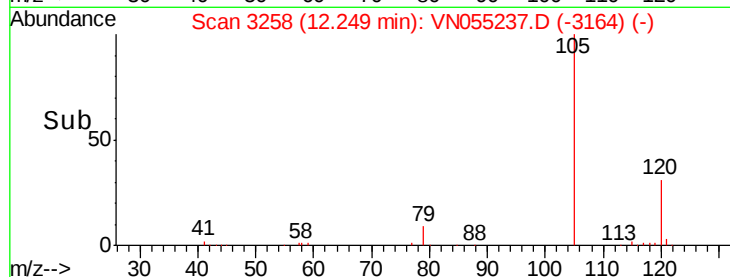
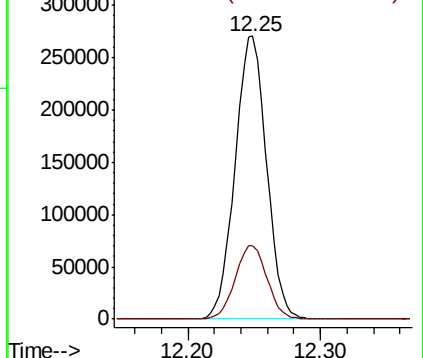
105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.556 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Tgt Ion: 43 Resp: 127704

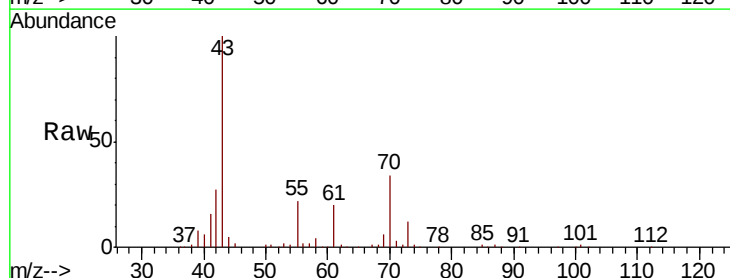
Ion Ratio Lower Upper

43 100

70 35.5 29.0 43.6

55 24.0 18.5 27.7

61 21.2 17.0 25.4

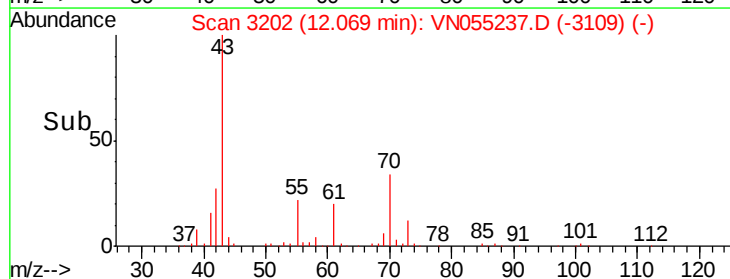
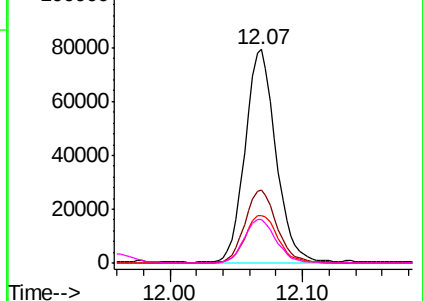


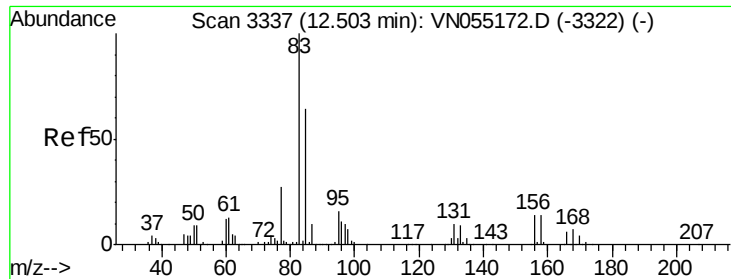
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.893 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VN0425WBS01

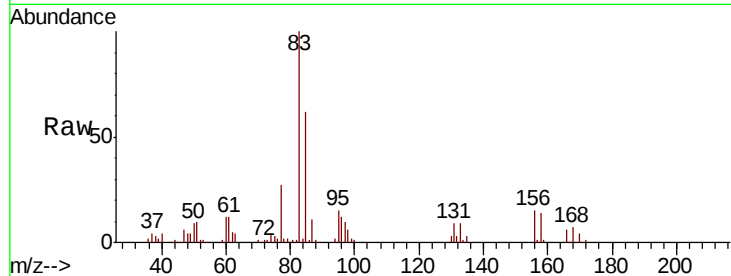
Tot Ion: 83 Resp: 117613

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

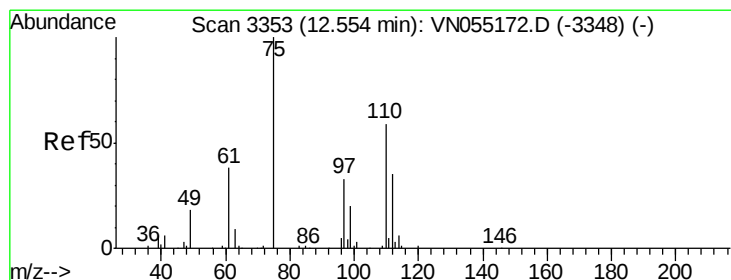
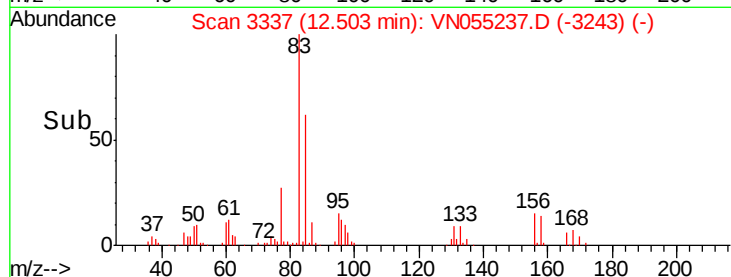
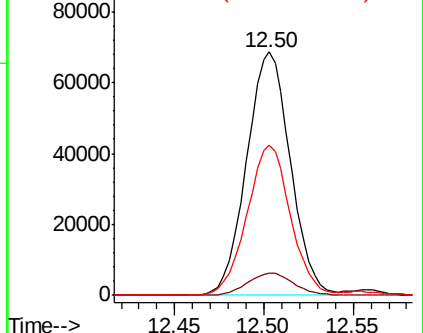
85 61.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055237.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055237.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055237.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.404 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055237.D

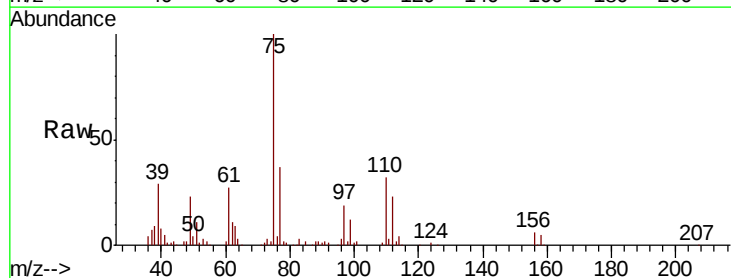
Acq: 25 Apr 2019 10:49

Tgt Ion: 75 Resp: 132414

Ion Ratio Lower Upper

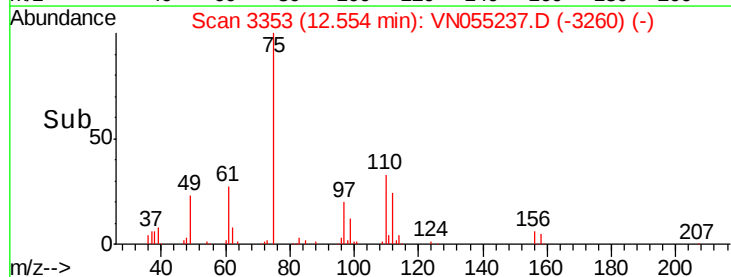
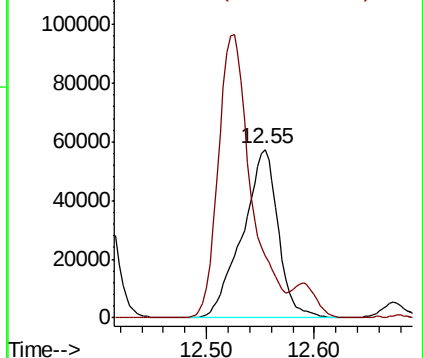
75 100

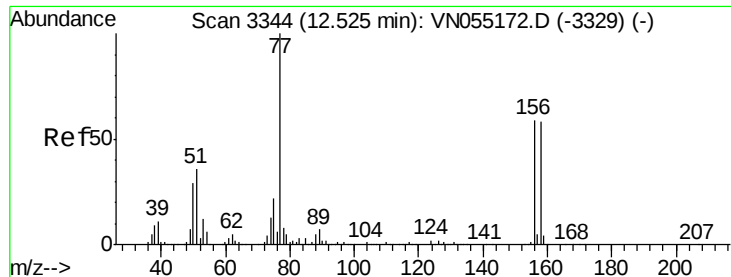
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055237.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055237.D (-3260) (-)





#77

Bromobenzene

Concen: 20.537 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VN0425WBS01

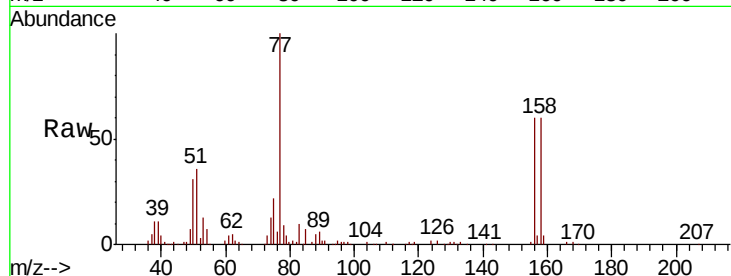
Tot Ion:156 Resp: 104184

Ion Ratio Lower Upper

156 100

77 195.8 98.0 293.9

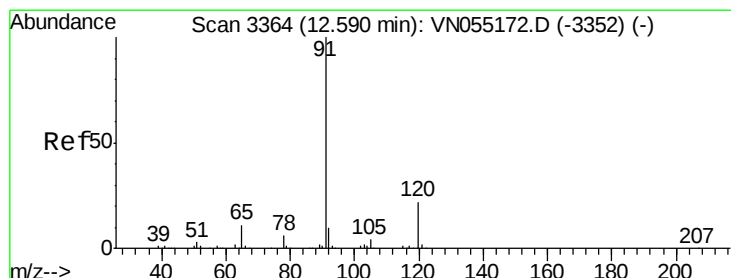
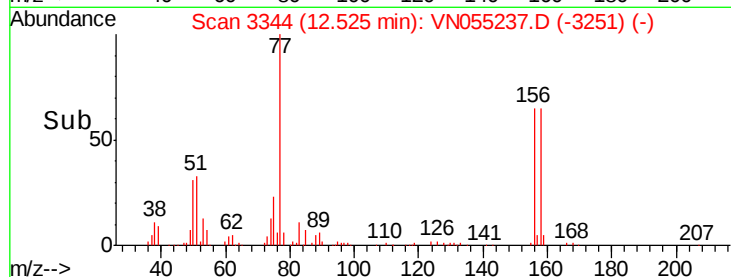
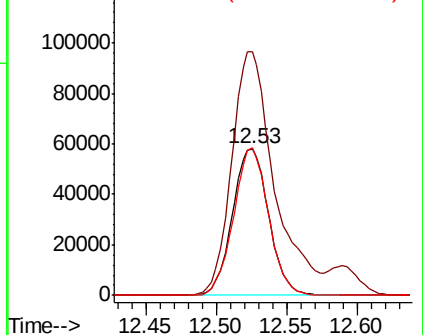
158 97.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.723 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055237.D

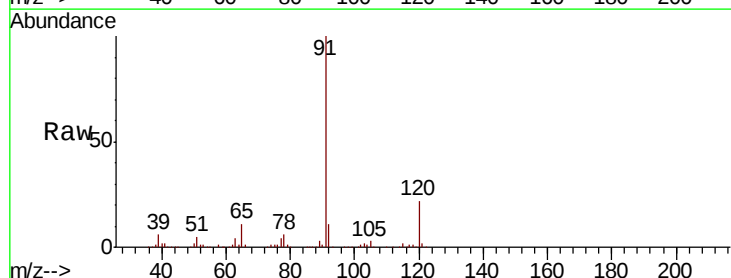
Acq: 25 Apr 2019 10:49

Tgt Ion: 91 Resp: 477556

Ion Ratio Lower Upper

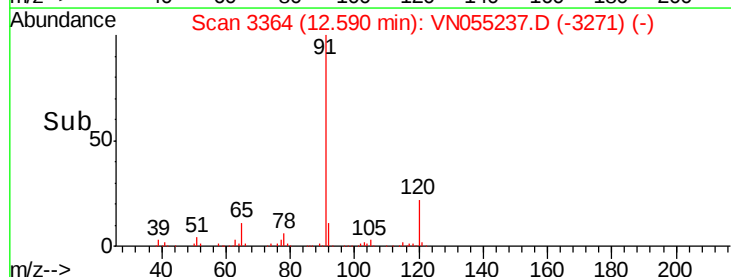
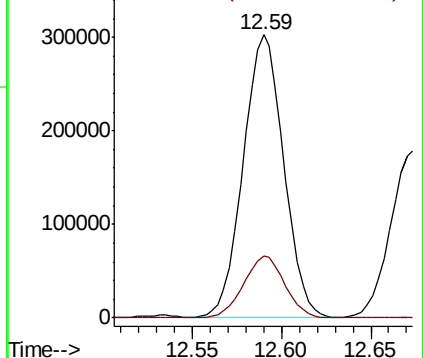
91 100

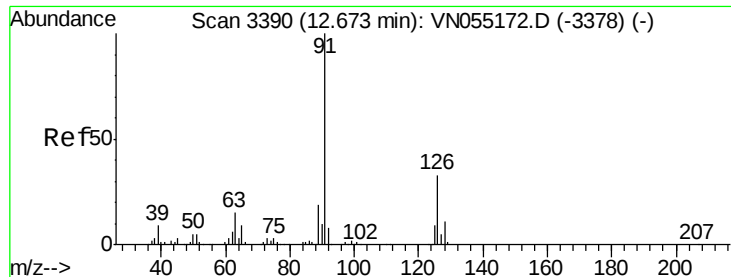
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.554 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

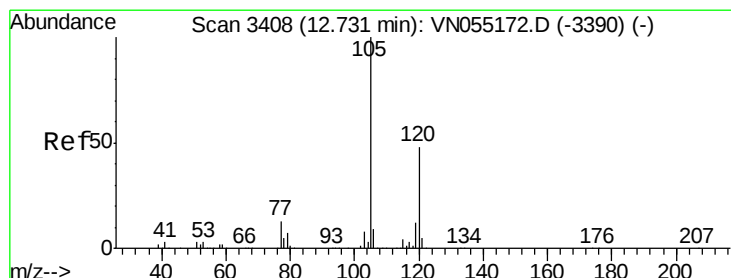
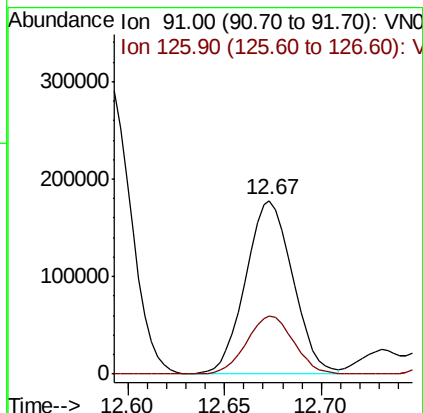
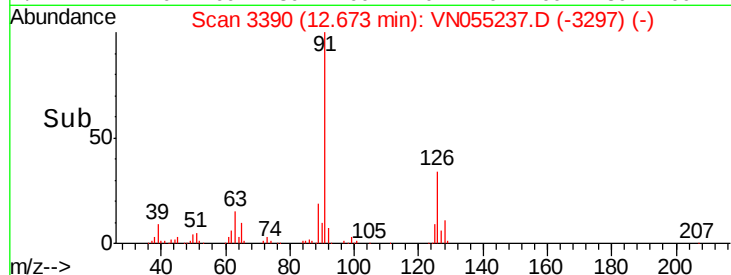
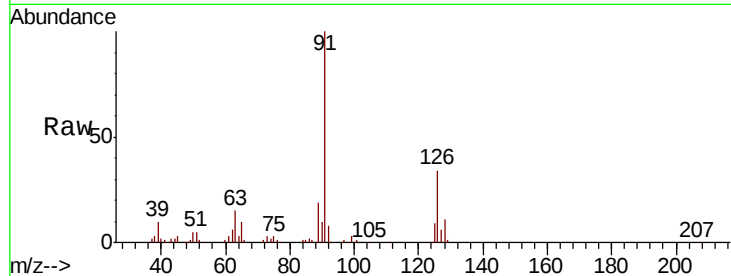
VN0425WBS01

Tot Ion: 91 Resp: 299098

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 21.053 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055237.D

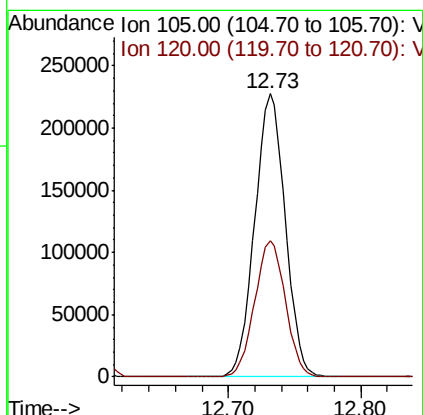
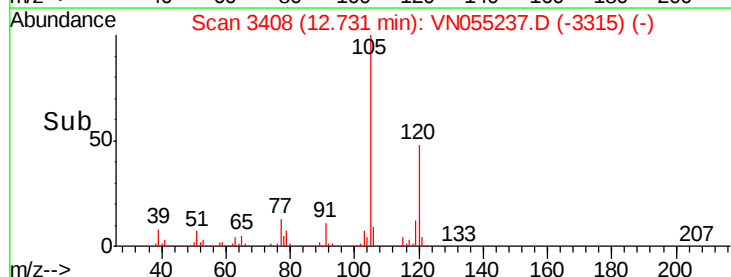
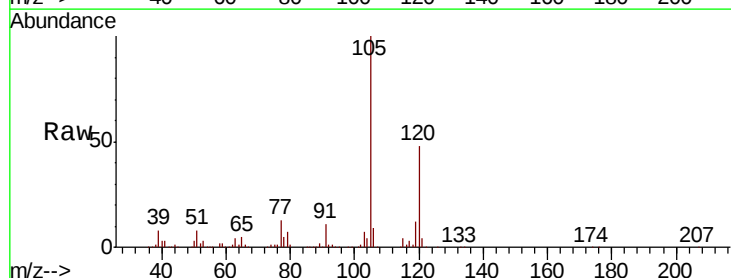
Acq: 25 Apr 2019 10:49

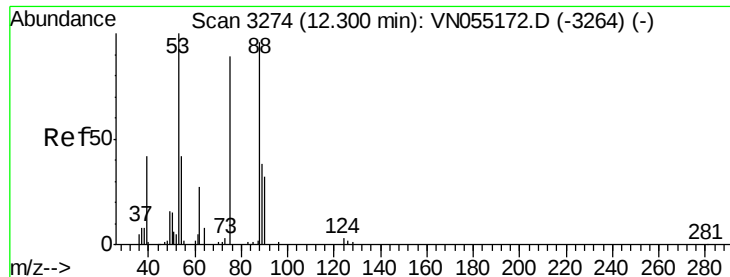
Tgt Ion:105 Resp: 362145

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 21.351 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

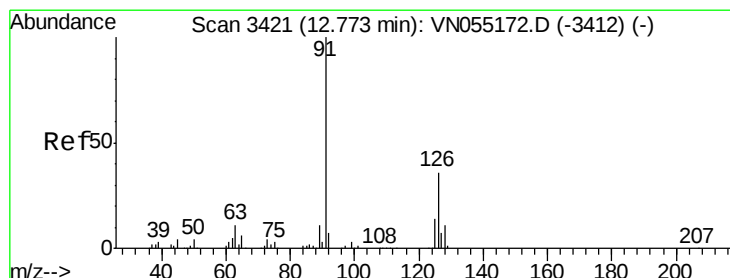
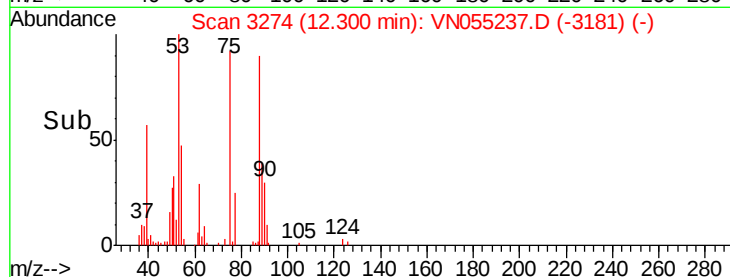
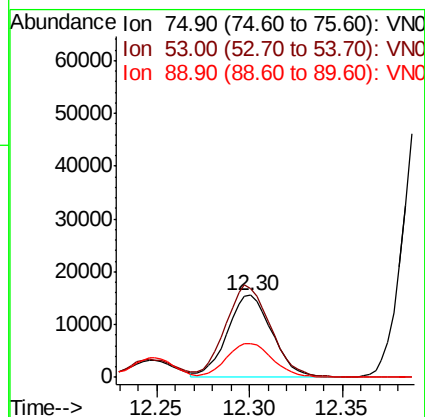
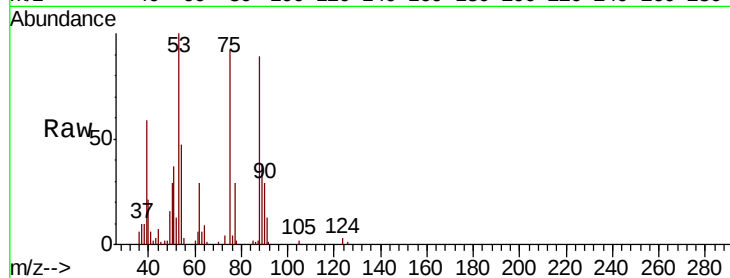
Tot Ion: 75 Resp: 26256

Ion Ratio Lower Upper

75 100

53 112.3 90.1 135.1

89 42.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 20.937 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055237.D

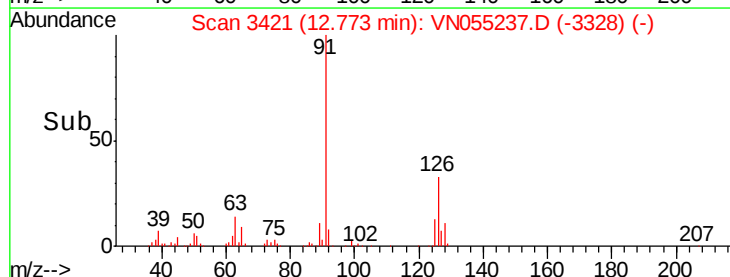
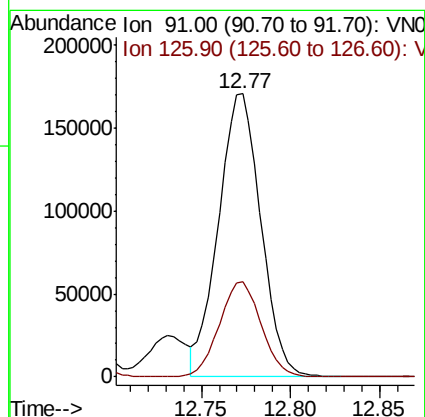
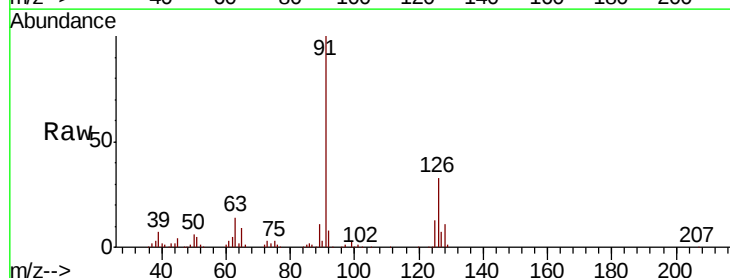
Acq: 25 Apr 2019 10:49

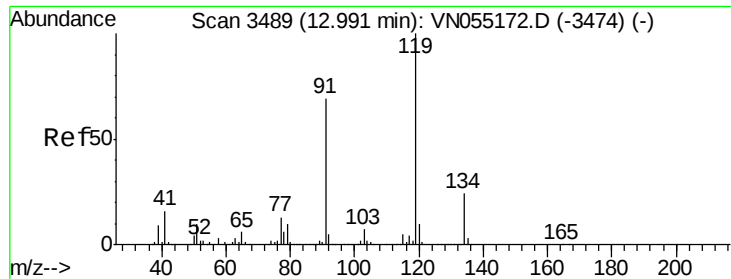
Tgt Ion: 91 Resp: 280306

Ion Ratio Lower Upper

91 100

126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 22.585 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

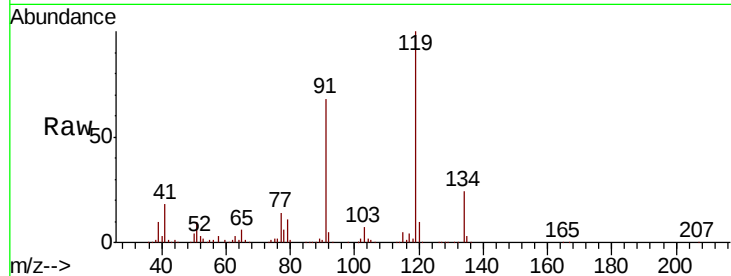
Tot Ion:119 Resp: 307514

Ion Ratio Lower Upper

119 100

91 67.5 33.8 101.3

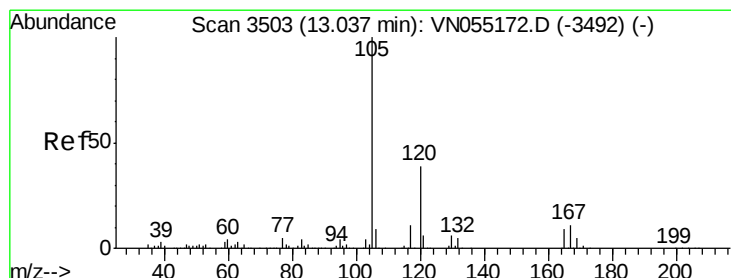
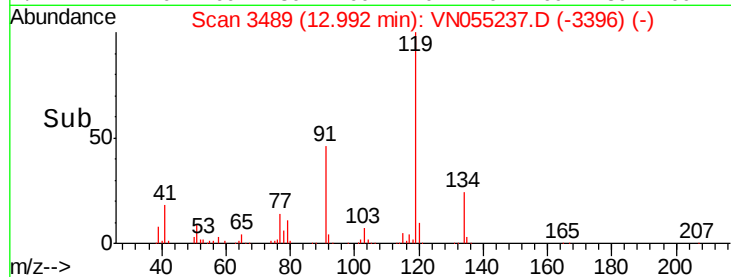
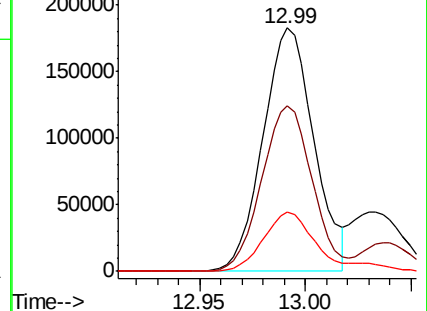
134 24.0 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.523 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN055237.D

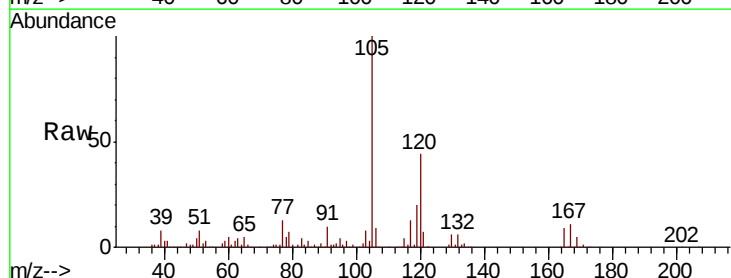
Acq: 25 Apr 2019 10:49

Tgt Ion:105 Resp: 349386

Ion Ratio Lower Upper

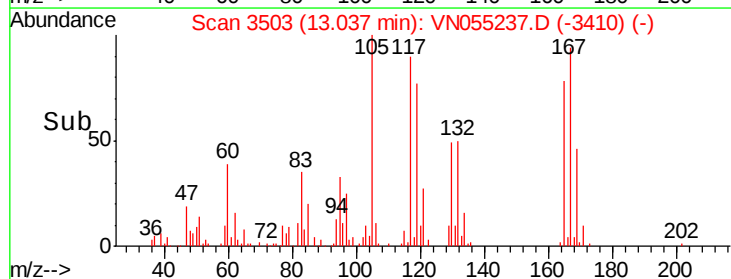
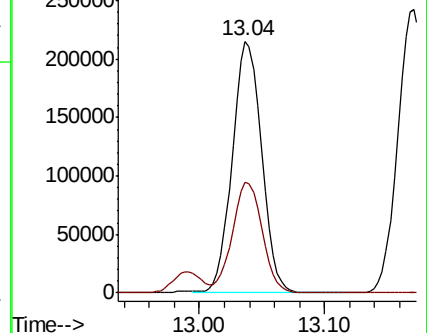
105 100

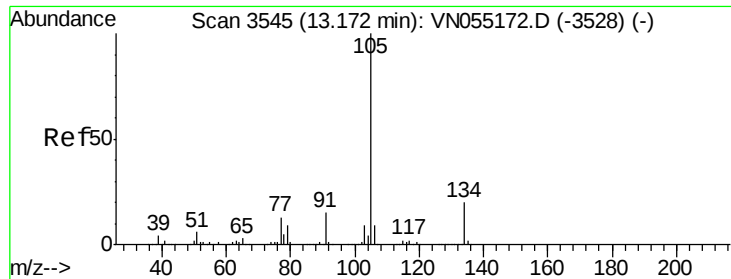
120 44.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.298 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

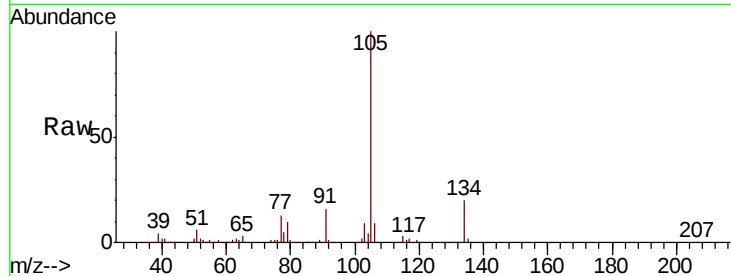
VN0425WBS01

Tot Ion:105 Resp: 395024

Ion Ratio Lower Upper

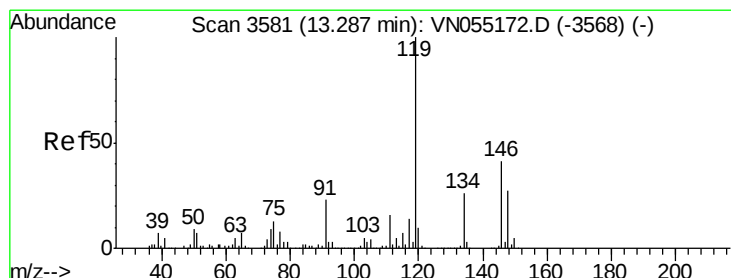
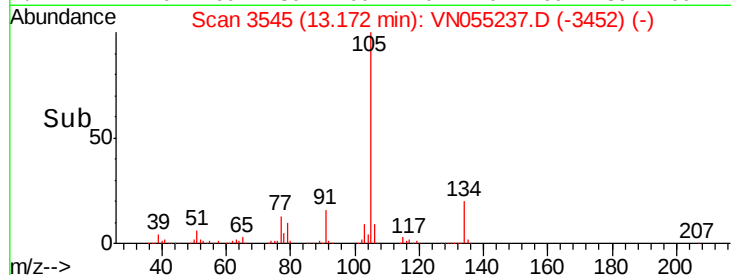
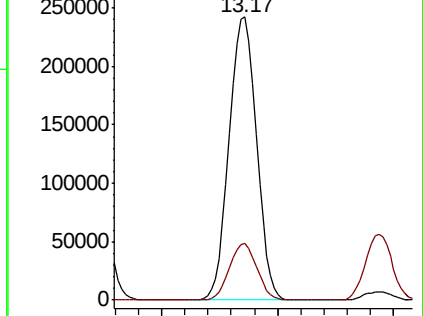
105 100

134 20.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.160 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

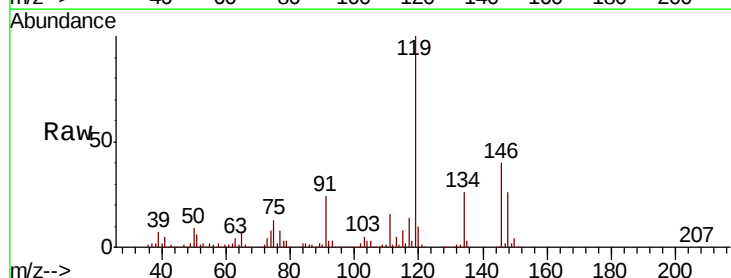
Tgt Ion:119 Resp: 339256

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

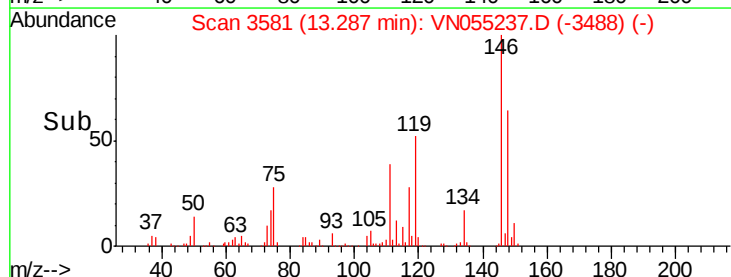
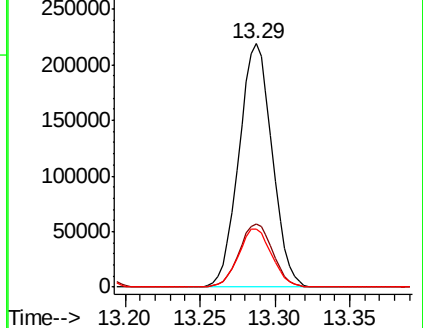
91 24.1 11.8 35.3

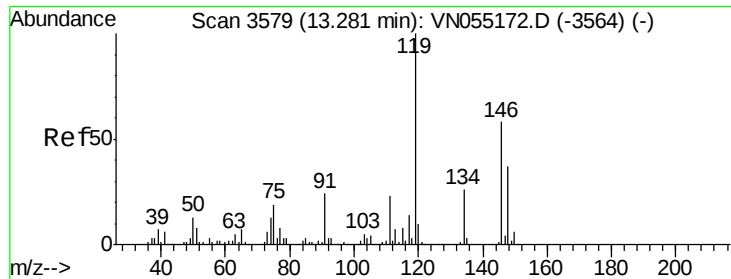


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

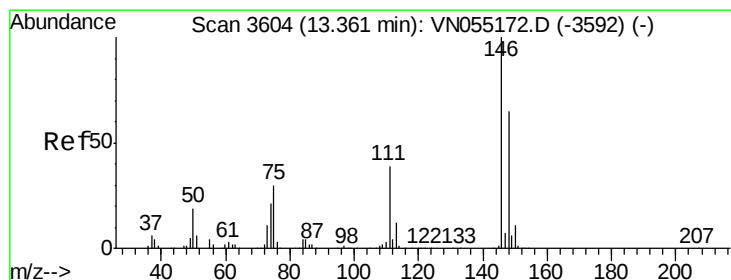
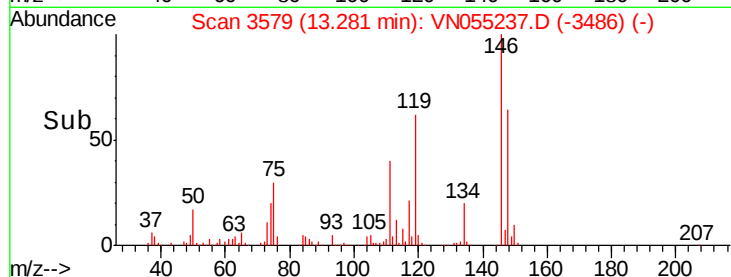
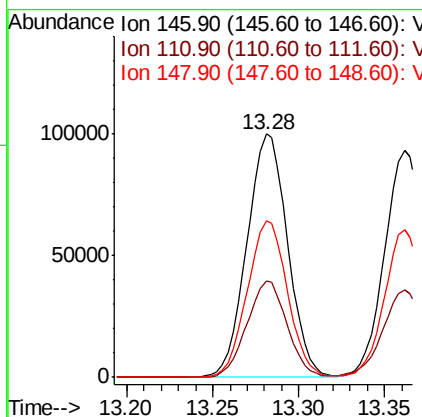
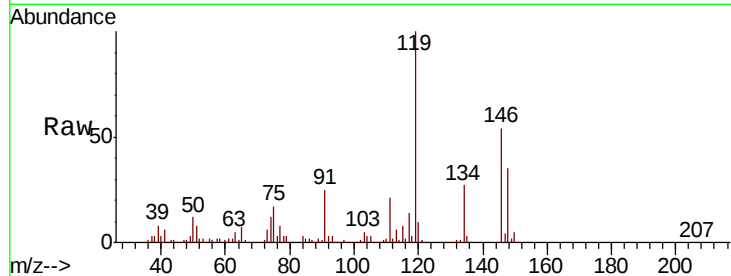




#87
 1,3-Dichlorobenzene
 Concen: 21.081 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

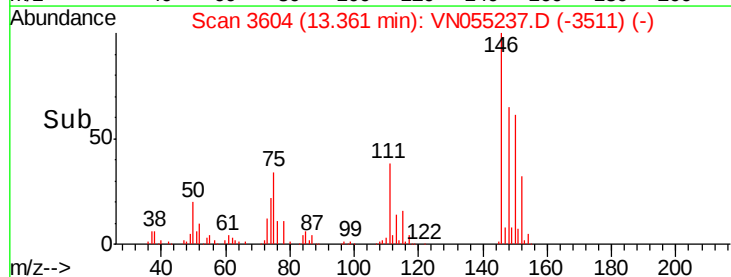
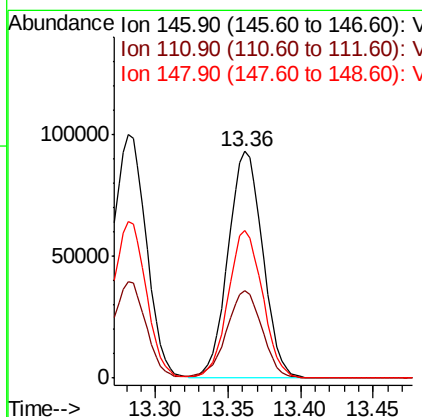
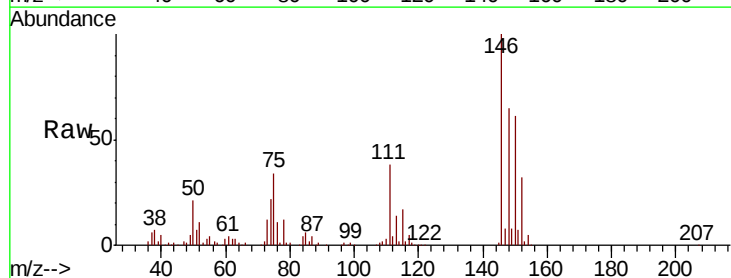
Instrument :
 MSVOA_N
 ClientSampled :
 VN0425WBS01

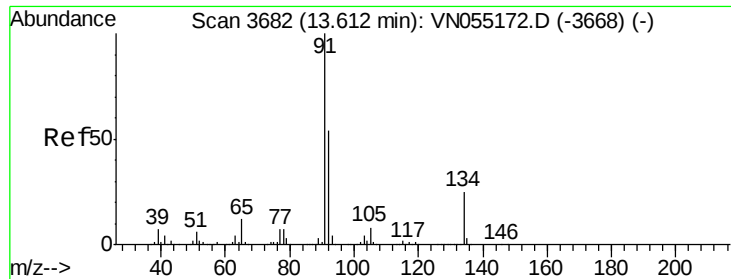
Tot Ion:146 Resp: 164165
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 63.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion:146 Resp: 154581
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.2
 148 64.7 32.9 98.6

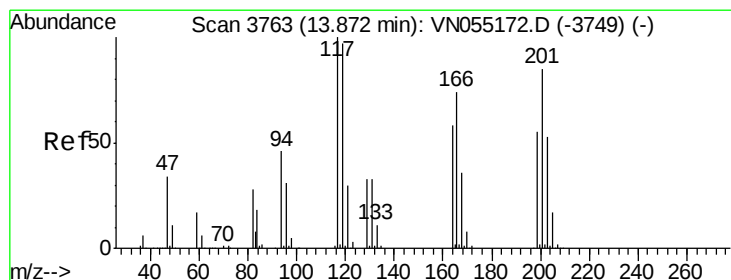
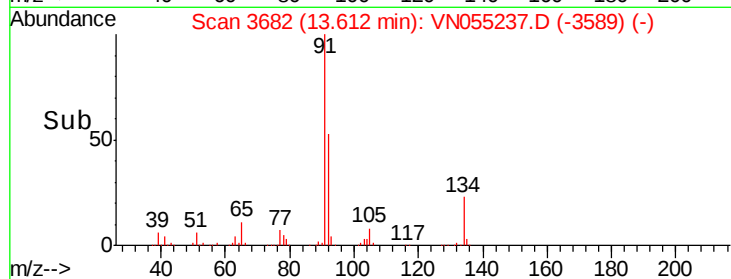
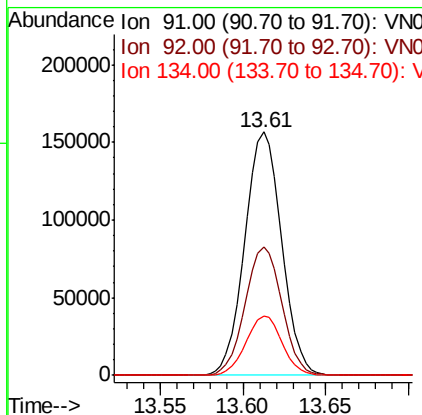
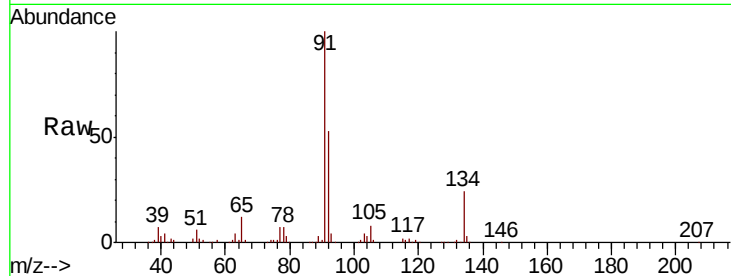




#89
n-Butylbenzene
Concen: 20.461 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

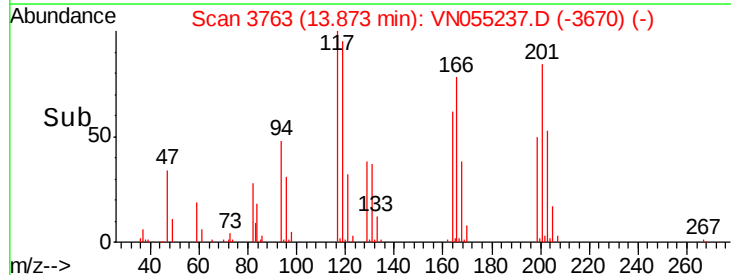
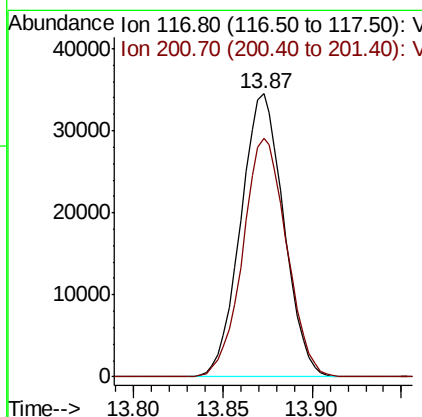
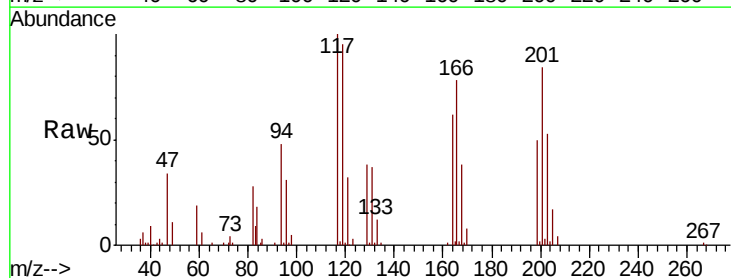
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

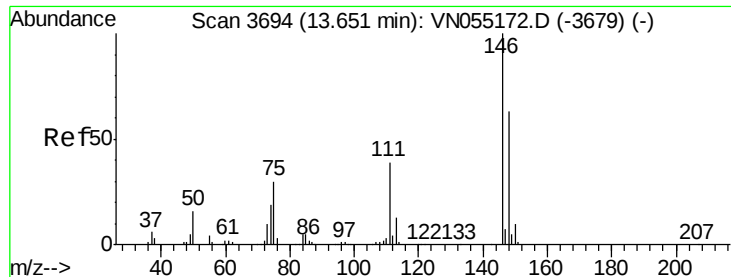
Tot Ion: 91 Resp: 243159
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.0 12.8 38.4



#90
Hexachloroethane
Concen: 20.456 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055237.D
Acq: 25 Apr 2019 10:49

Tgt Ion: 117 Resp: 58167
Ion Ratio Lower Upper
117 100
201 85.7 43.1 129.4





#91

1,2-Dichlorobenzene

Concen: 20.438 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

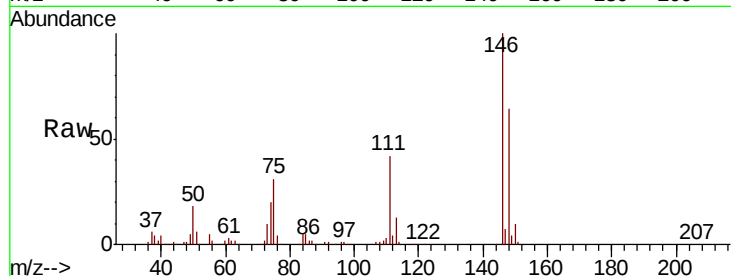
Tot Ion:146 Resp: 163478

Ion Ratio Lower Upper

146 100

111 40.4 19.8 59.3

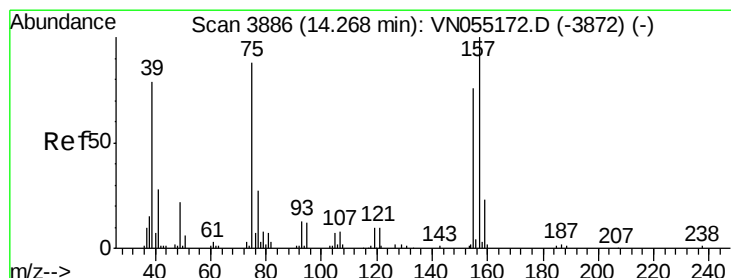
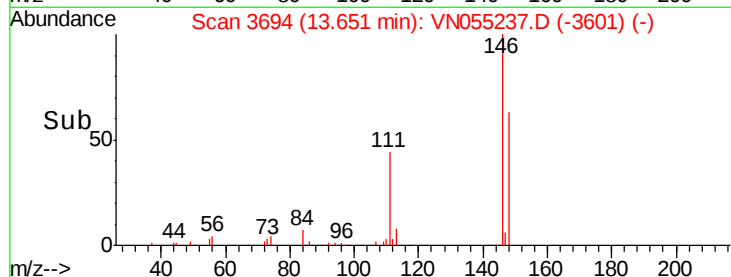
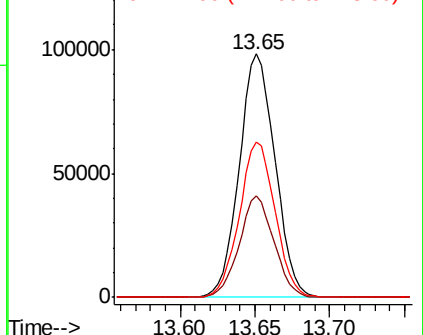
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.500 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

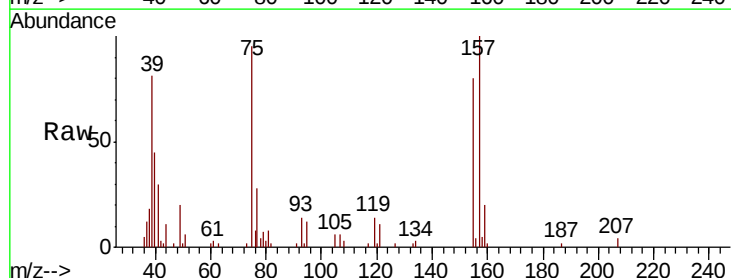
Tgt Ion: 75 Resp: 15002

Ion Ratio Lower Upper

75 100

155 84.4 43.0 129.0

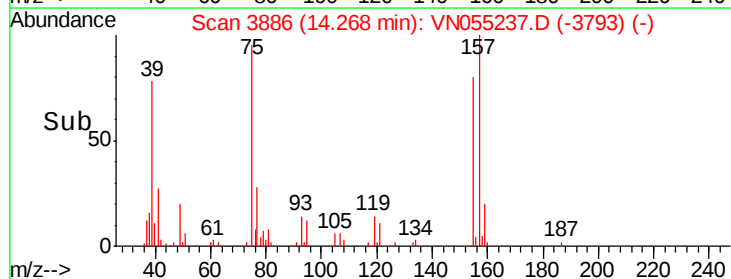
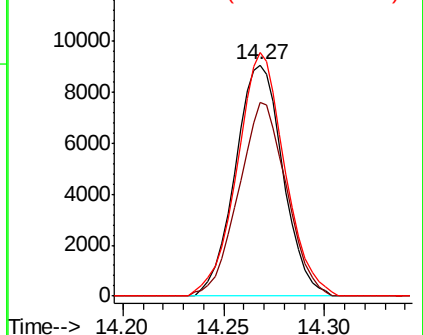
157 105.3 55.7 167.1

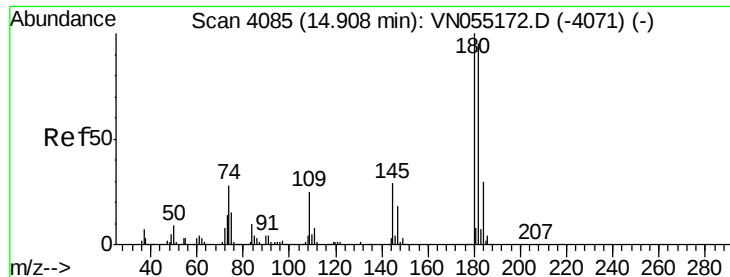


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

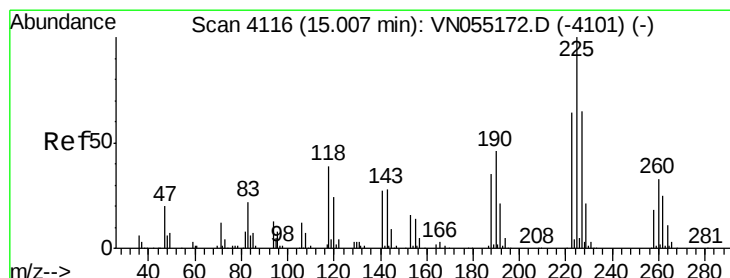
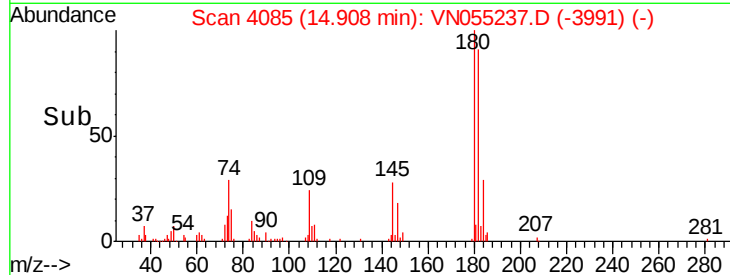
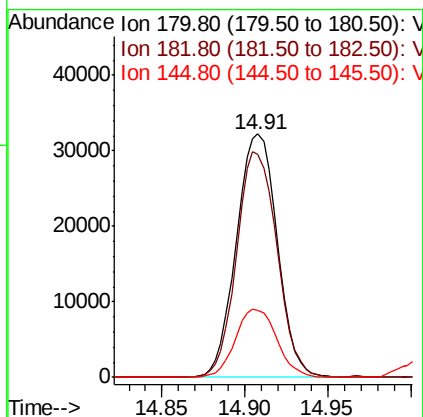
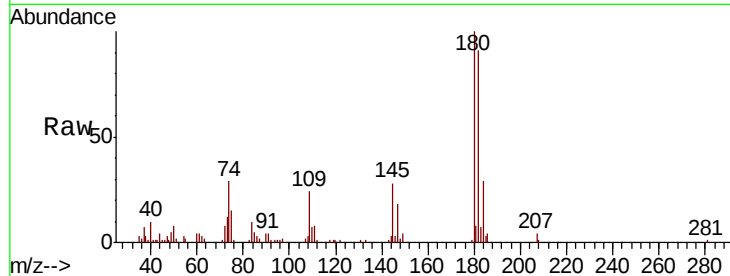




#93
 1,2,4-Trichlorobenzene
 Concen: 18.222 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

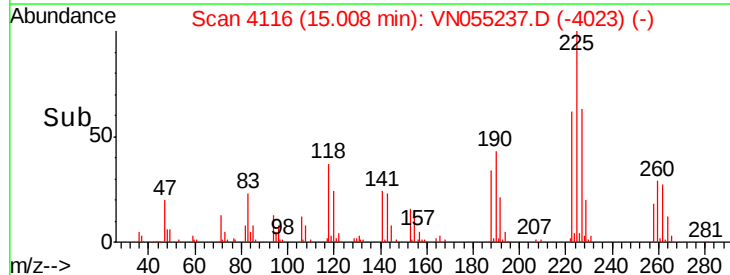
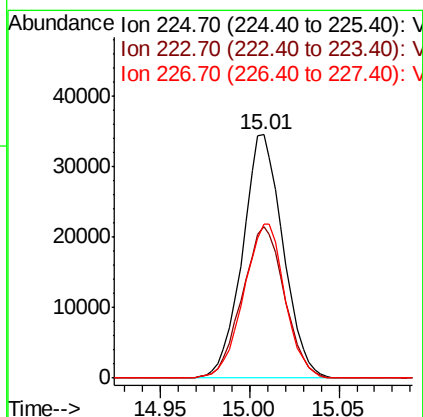
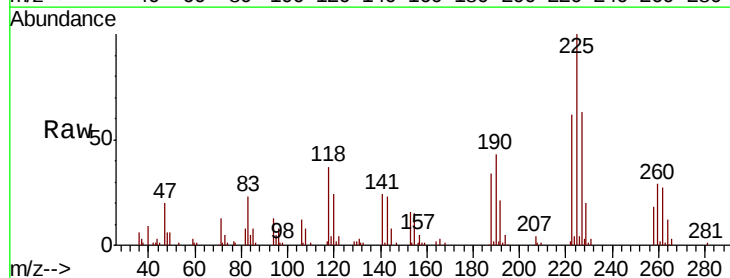
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

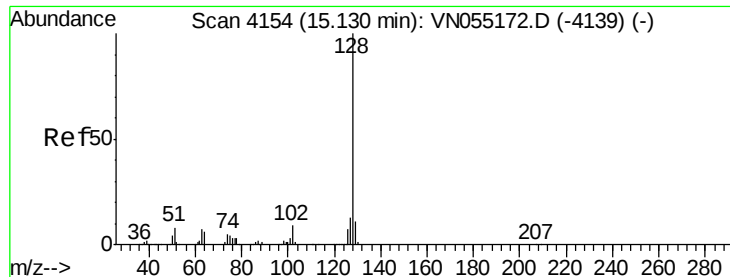
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.8	143.4
145	28.3	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 22.285 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055237.D
 Acq: 25 Apr 2019 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.2	96.6
227	64.2	32.6	98.0





#95

Naphthalene

Concen: 17.266 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

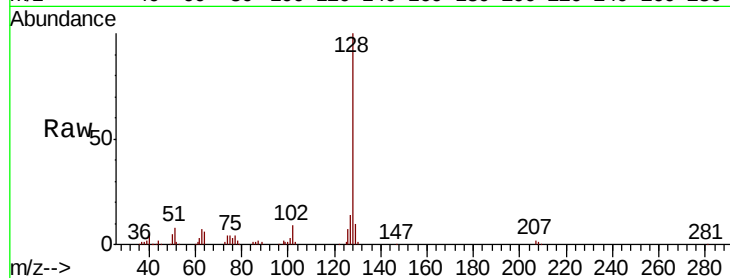
Tot Ion:128 Resp: 109957

Ion Ratio Lower Upper

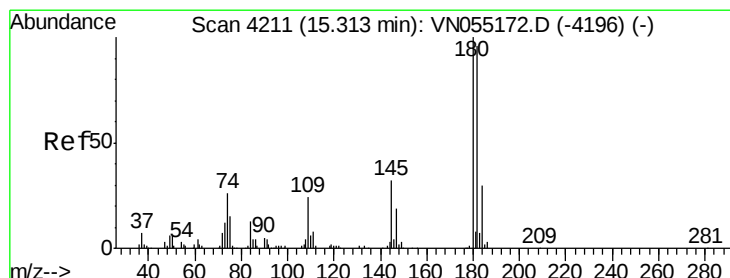
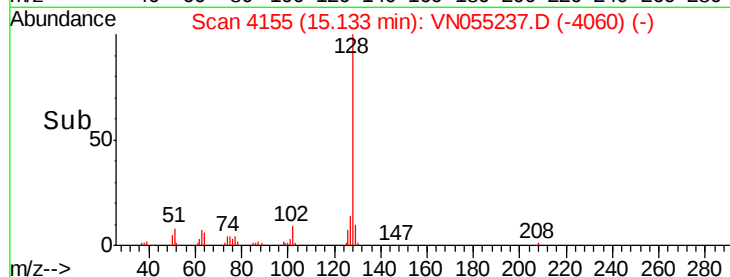
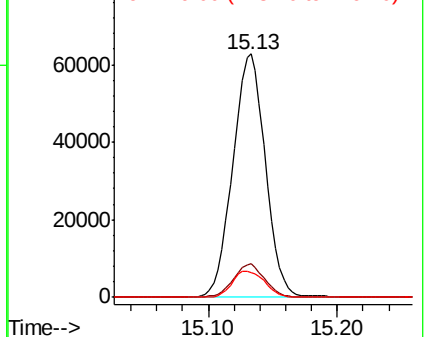
128 100

127 13.1 10.3 15.5

129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.187 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055237.D

Acq: 25 Apr 2019 10:49

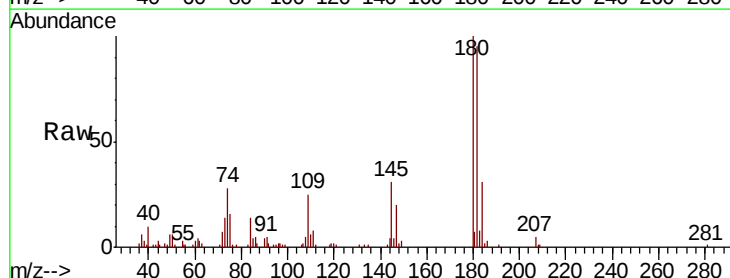
Tgt Ion:180 Resp: 56302

Ion Ratio Lower Upper

180 100

182 95.1 47.2 141.6

145 31.1 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

