

Data File : VN055656.D
Acq On : 18 May 2019 10:24
Operator : JC/SP
Sample : VN0517WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

Quant Time: May 20 02:21:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	498070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	176409	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	162475	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.09	98	592911	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	204581	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	45537	18.637	ug/l	96
3) Chloromethane	2.06	50	62149	19.070	ug/l	99
4) Vinyl Chloride	2.18	62	68983	19.548	ug/l	98
5) Bromomethane	2.57	94	48161	21.414	ug/l	97
6) Chloroethane	2.71	64	39980	20.404	ug/l	97
7) Trichlorofluoromethane	3.03	101	89403	19.770	ug/l	99
8) Diethyl Ether	3.41	74	37703	20.754	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	52007	18.864	ug/l	98
10) Methyl Iodide	3.96	142	65282	16.425	ug/l	99
11) Tert butyl alcohol	4.77	59	53762	82.818	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	56581	19.510	ug/l	97
13) Acrolein	3.61	56	28078	85.695	ug/l	95
14) Allyl chloride	4.33	41	82743	17.673	ug/l	99
15) Acrylonitrile	4.99	53	143184	99.140	ug/l	100
16) Acetone	3.81	43	118109	83.140	ug/l	99
17) Carbon Disulfide	4.06	76	152708	18.941	ug/l	99
18) Methyl Acetate	4.33	43	58822	19.314	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	191750	19.986	ug/l	99
20) Methylene Chloride	4.56	84	64931	20.028	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	61410	19.878	ug/l	97
22) Diisopropyl ether	5.95	45	180058	19.408	ug/l	99
23) Vinyl Acetate	5.90	43	754524	95.849	ug/l	99
24) 1,1-Dichloroethane	5.85	63	109647	20.157	ug/l	100
25) 2-Butanone	6.83	43	179566	90.402	ug/l	99
26) 2,2-Dichloropropane	6.83	77	43268	8.962	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	71623	19.909	ug/l	92
28) Bromochloromethane	7.20	49	48957	20.687	ug/l	96
29) Tetrahydrofuran	7.21	42	125385	95.281	ug/l	99
30) Chloroform	7.37	83	110985	19.876	ug/l	100
31) Cyclohexane	7.66	56	97410	18.868	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	97534	19.474	ug/l	99
36) 1,1-Dichloropropene	7.80	75	83335	18.767	ug/l	99
37) Ethyl Acetate	6.93	43	78525	19.596	ug/l	98
38) Carbon Tetrachloride	7.78	117	89340	18.827	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	92944	17.363	ug/l	99
40) Benzene	8.04	78	253395	19.401	ug/l	100
41) Methacrylonitrile	7.21	41	112387	65.601	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	82532	19.514	ug/l	100
43) Isopropyl Acetate	8.17	43	174542	25.041	ug/l #	90
44) Trichloroethene	8.84	130	73520	19.948	ug/l	96
45) 1,2-Dichloropropane	9.12	63	65708	19.097	ug/l	100
46) Dibromomethane	9.21	93	44427	19.728	ug/l	98
47) Bromodichloromethane	9.40	83	90476	19.169	ug/l	98
48) Methyl methacrylate	9.20	41	58871	18.896	ug/l	96
49) 1,4-Dioxane	9.20	88	19480	314.664	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	381508	93.309	ug/l	100
52) Toluene	10.16	92	158782	19.382	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	86462	17.020	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	94805	17.035	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	64919	19.249	ug/l	100
56) Ethyl methacrylate	10.43	69	99244	18.851	ug/l	98
57) 1,3-Dichloropropane	10.71	76	105003	19.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	205220	91.740	ug/l	99
59) 2-Hexanone	10.75	43	259035	89.985	ug/l	99
60) Dibromochloromethane	10.90	129	75917	19.861	ug/l	99
61) 1,2-Dibromoethane	11.01	107	66307	19.650	ug/l	98
64) Tetrachloroethene	10.63	164	73198	21.322	ug/l	97
65) Chlorobenzene	11.43	112	173590	19.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68357	19.301	ug/l	100
67) Ethyl Benzene	11.51	91	298597	19.040	ug/l	100
68) m/p-Xylenes	11.62	106	223948	37.813	ug/l	98
69) o-Xylene	11.95	106	111349	19.223	ug/l	97
70) Styrene	11.96	104	183776	19.081	ug/l	99
71) Bromoform	12.13	173	59637	19.870	ug/l #	99
73) Isopropylbenzene	12.25	105	292633	19.742	ug/l	99
74) N-amyl acetate	12.07	43	99737	18.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	89324	19.495	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	102994	25.660	ug/l #	100
77) Bromobenzene	12.53	156	78710	19.484	ug/l	93
78) n-propylbenzene	12.59	91	310640	17.784	ug/l	99
79) 2-Chlorotoluene	12.67	91	190582	19.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	240477	19.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20810	13.328	ug/l	97
82) 4-Chlorotoluene	12.77	91	187185	18.187	ug/l	100
83) tert-Butylbenzene	12.99	119	211134	19.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	241040	19.404	ug/l	100
85) sec-Butylbenzene	13.17	105	269434	19.170	ug/l	99
86) p-Isopropyltoluene	13.29	119	246979	19.092	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	125652	18.812	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	122938	19.277	ug/l	99
89) n-Butylbenzene	13.61	91	190742	17.672	ug/l	100
90) Hexachloroethane	13.87	117	48927	19.602	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	128545	19.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16751	18.765	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VN0517WBSD02

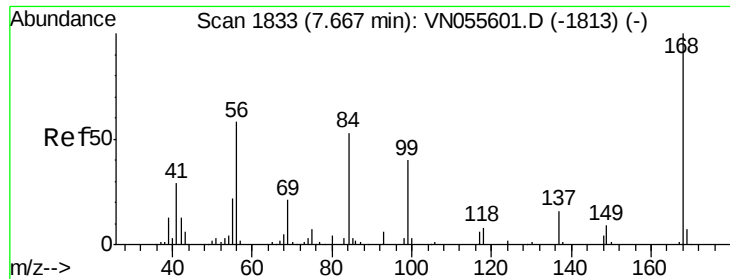
Quant Time: May 20 02:21:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69852	20.610	ug/l	99
94) Hexachlorobutadiene	15.01	225	41982	18.699	ug/l	98
95) Naphthalene	15.13	128	191188	19.796	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74492	21.021	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

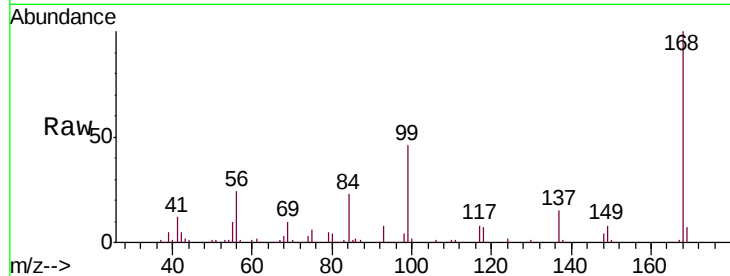
VN0517WBSD02

Tgt Ion:168 Resp: 317557

Ion Ratio Lower Upper

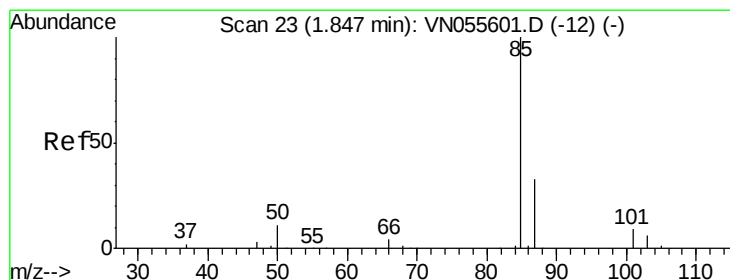
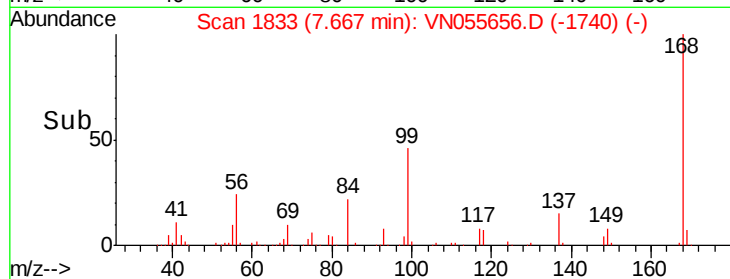
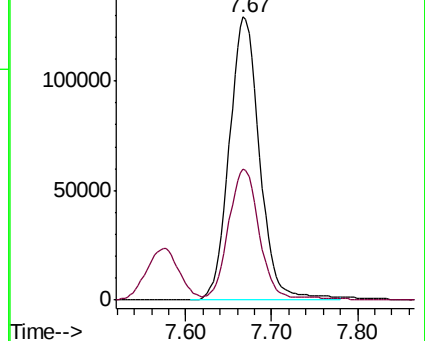
168 100

99 45.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.637 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055656.D

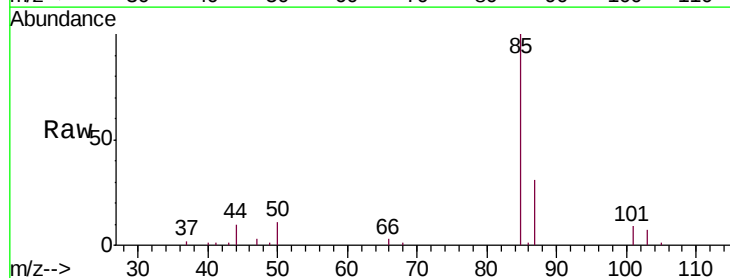
Acq: 18 May 2019 10:24

Tgt Ion: 85 Resp: 45537

Ion Ratio Lower Upper

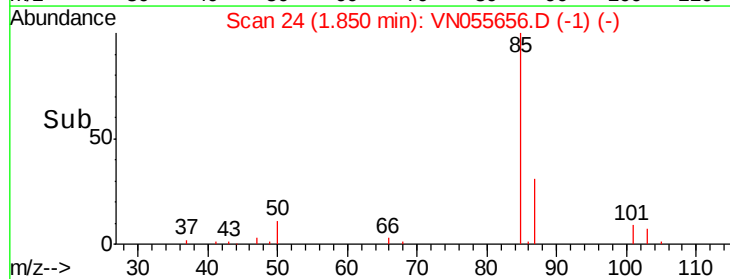
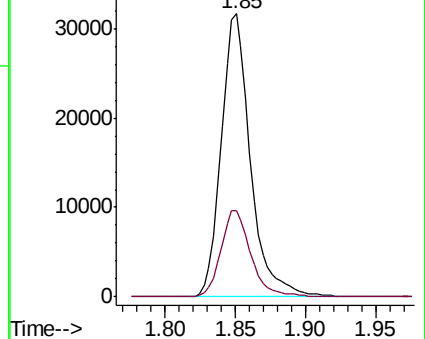
85 100

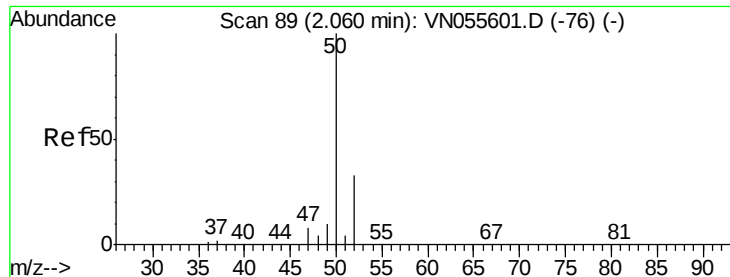
87 30.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.070 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

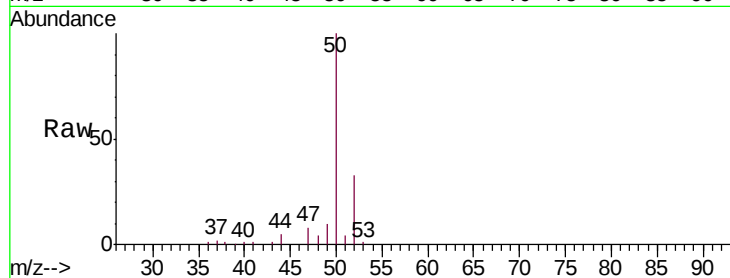
VN0517WBSD02

Tgt Ion: 50 Resp: 62149

Ion Ratio Lower Upper

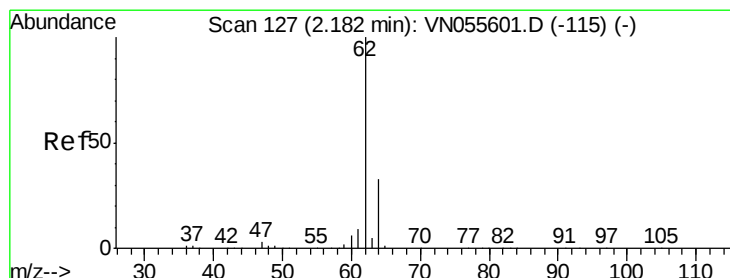
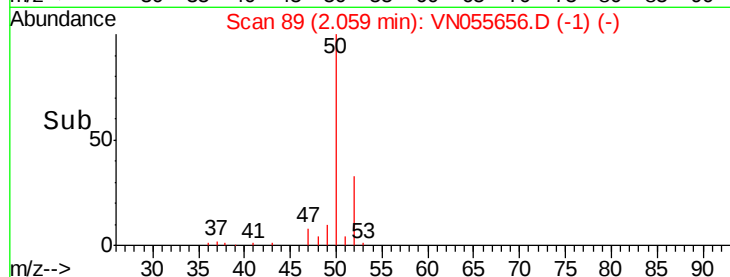
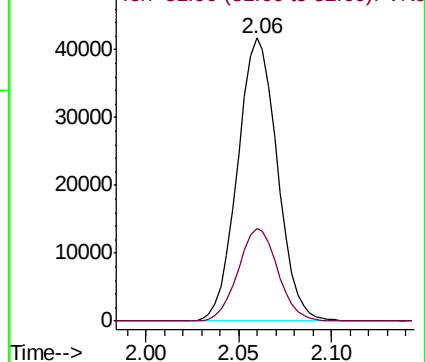
50 100

52 32.9 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.548 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055656.D

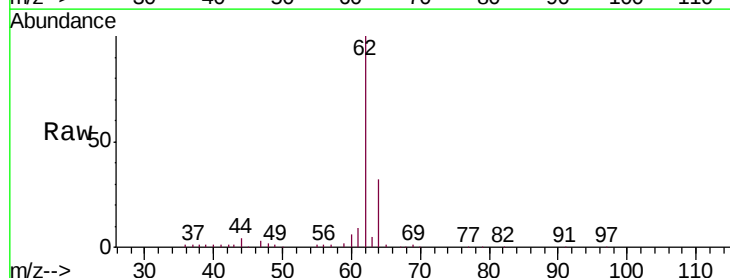
Acq: 18 May 2019 10:24

Tgt Ion: 62 Resp: 68983

Ion Ratio Lower Upper

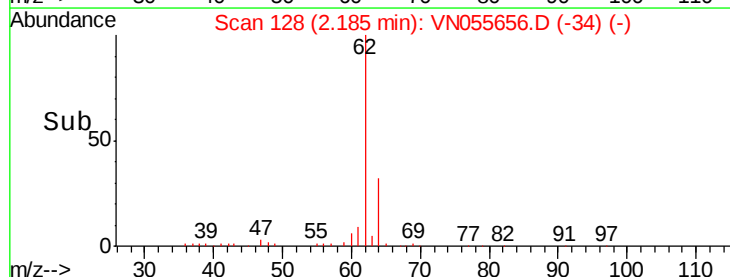
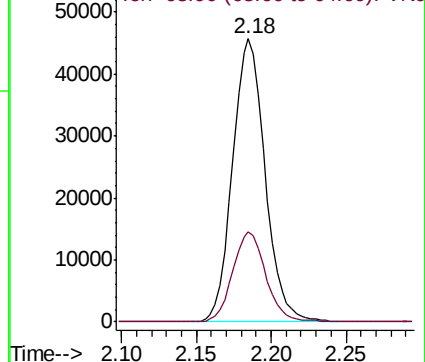
62 100

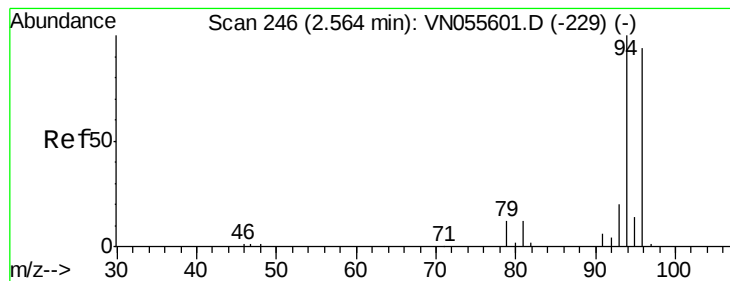
64 31.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 21.414 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

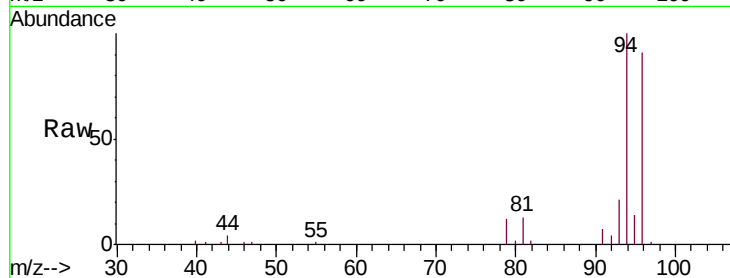
VN0517WBSD02

Tgt Ion: 94 Resp: 48161

Ion Ratio Lower Upper

94 100

96 91.5 75.2 112.8



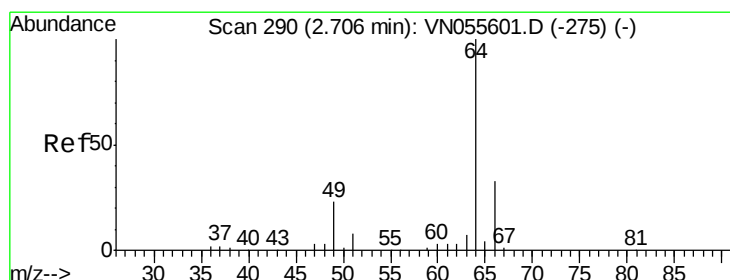
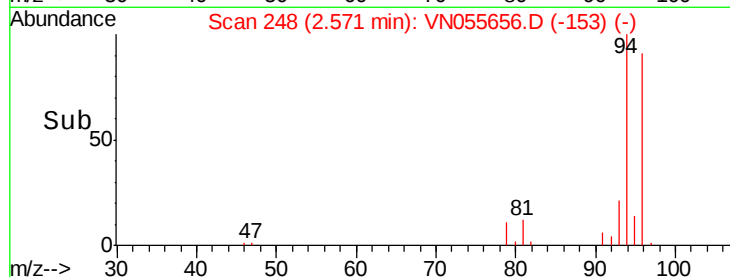
Abundance Ion 93.90 (93.60 to 94.60): VN055601.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN055601.D (-229) (-)

2.57

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.404 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN055656.D

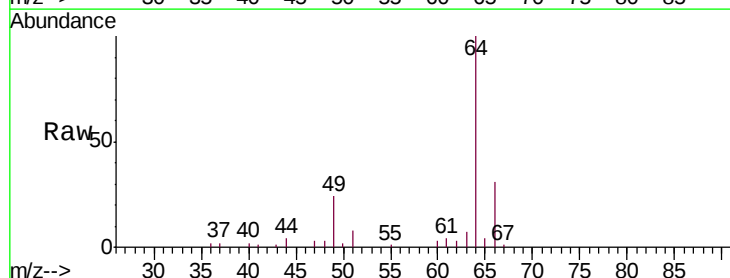
Acq: 18 May 2019 10:24

Tgt Ion: 64 Resp: 39980

Ion Ratio Lower Upper

64 100

66 31.3 26.2 39.4



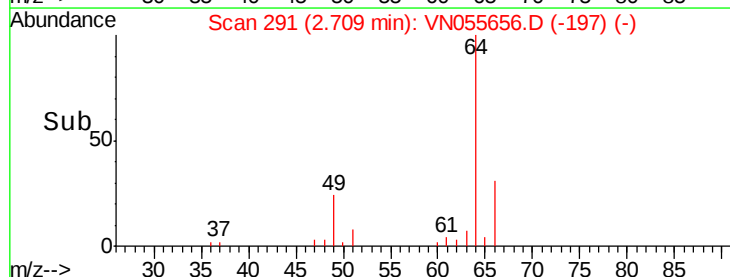
Abundance Ion 63.90 (63.60 to 64.60): VN055601.D (-275) (-)

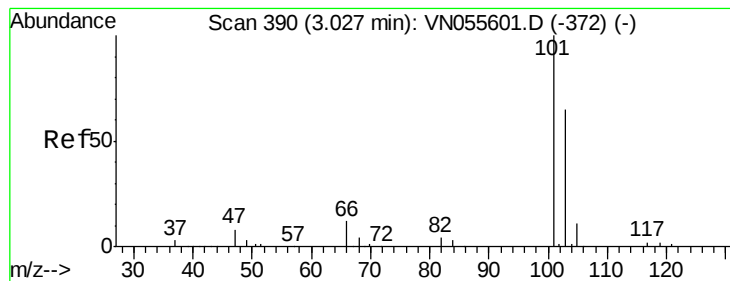
Ion 65.90 (65.60 to 66.60): VN055601.D (-275) (-)

2.71

2.65 2.70 2.75 2.80

Time-->



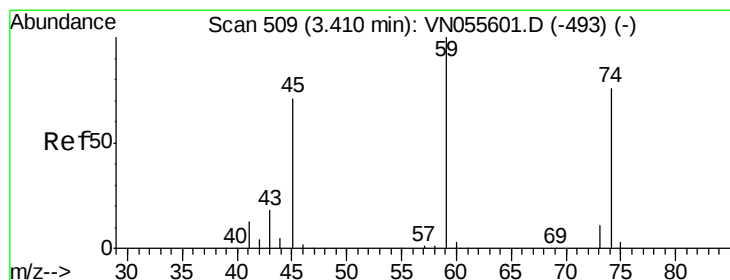
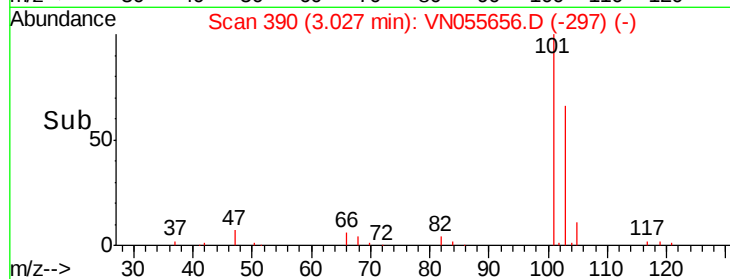
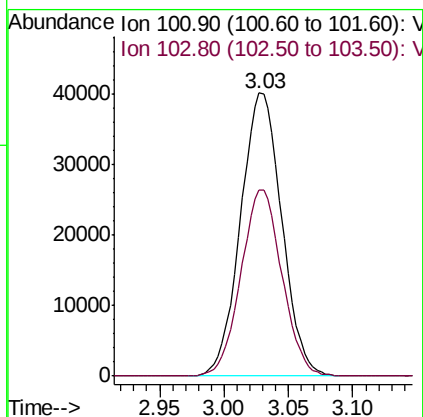
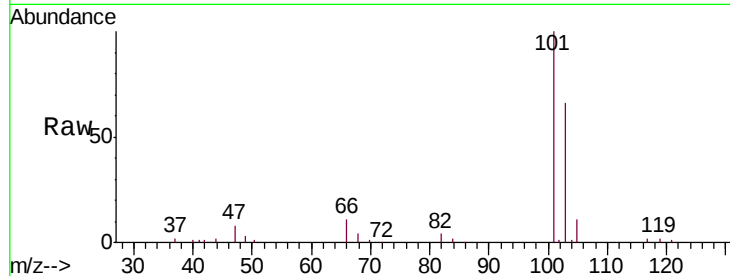


#7

Trichlorofluoromethane
 Concen: 19.770 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

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 VN0517WBSD02

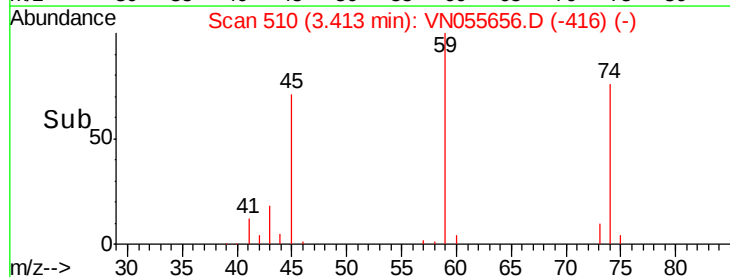
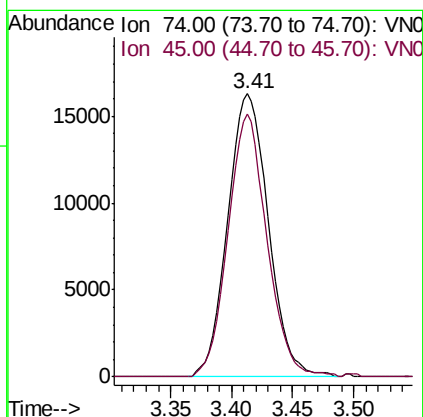
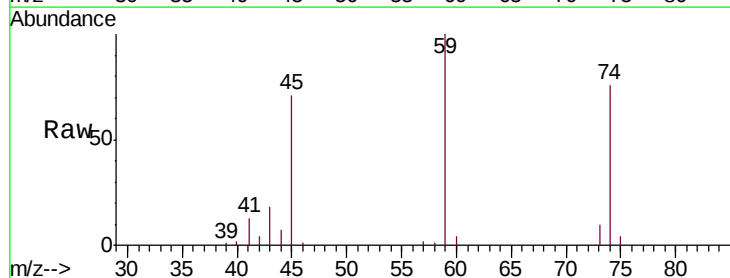
Tgt Ion:101 Resp: 89403
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

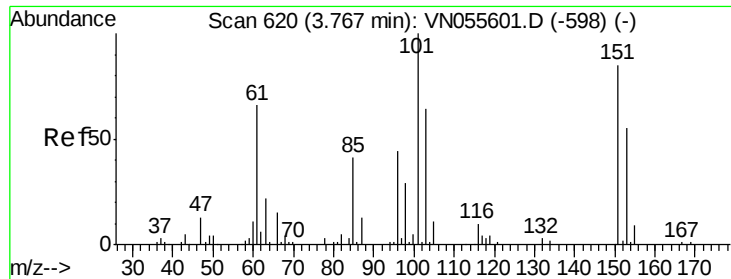


#8

Diethyl Ether
 Concen: 20.754 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 74 Resp: 37703
 Ion Ratio Lower Upper
 74 100
 45 89.1 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.864 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

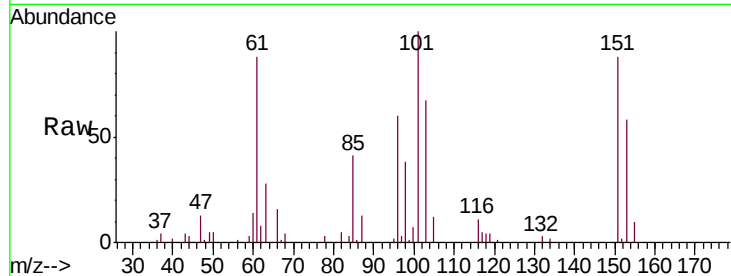
Tgt Ion:101 Resp: 52007

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.0

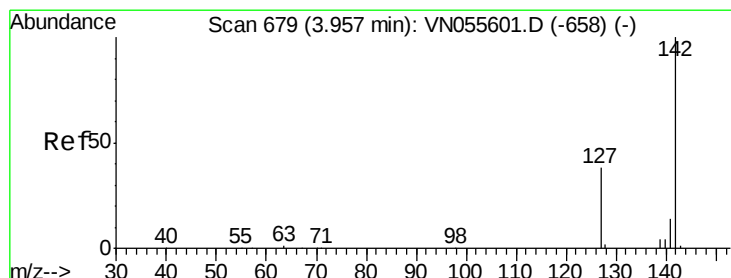
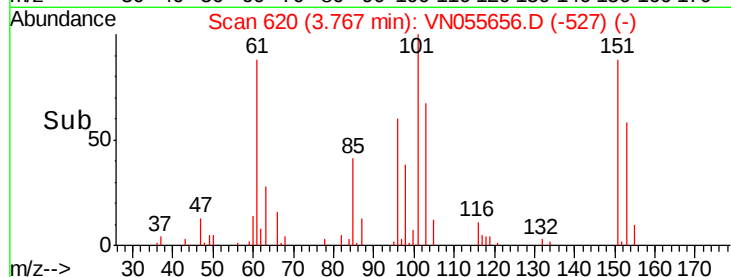
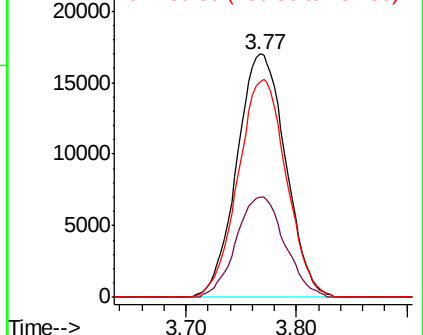
151 89.0 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.425 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

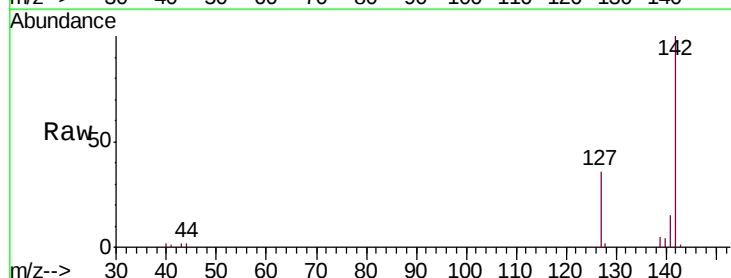
Tgt Ion:142 Resp: 65282

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.4

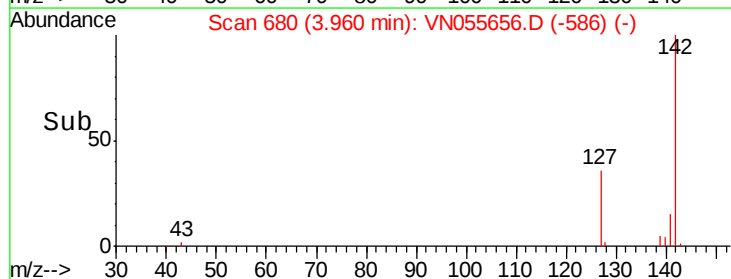
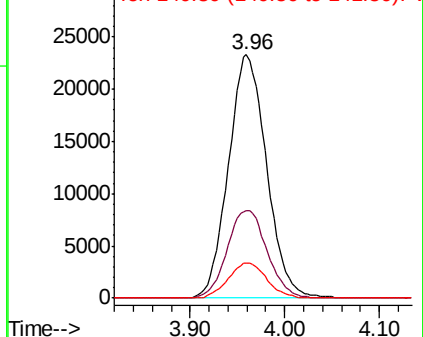
141 14.3 11.5 17.3

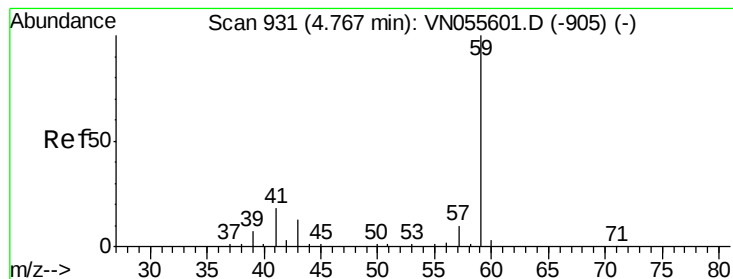


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



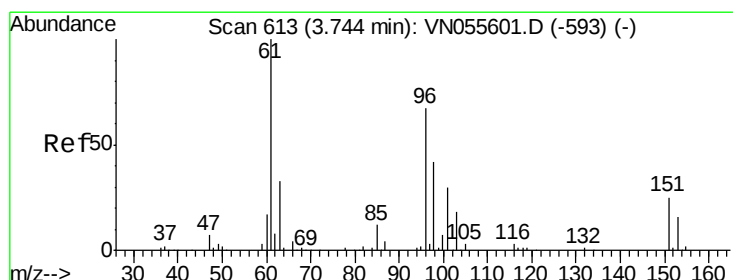
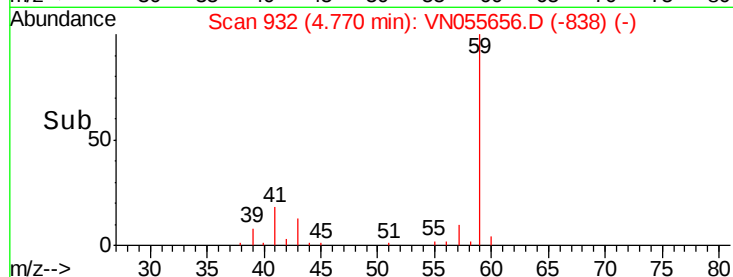
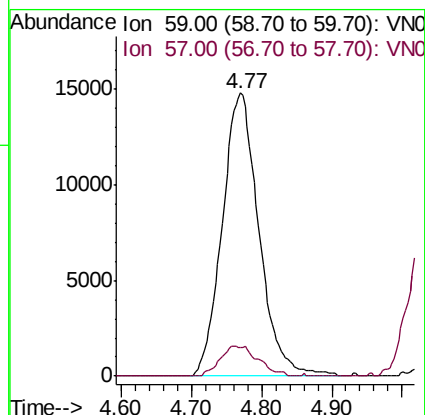
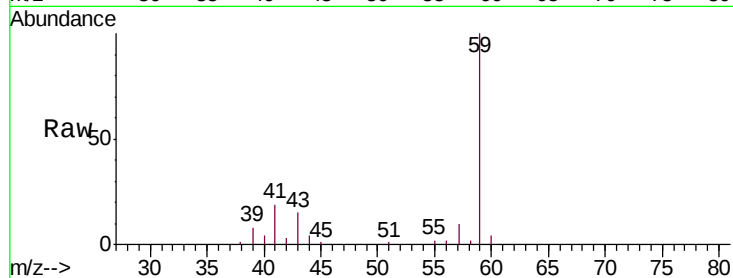


#11

Tert butyl alcohol
 Concen: 82.818 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

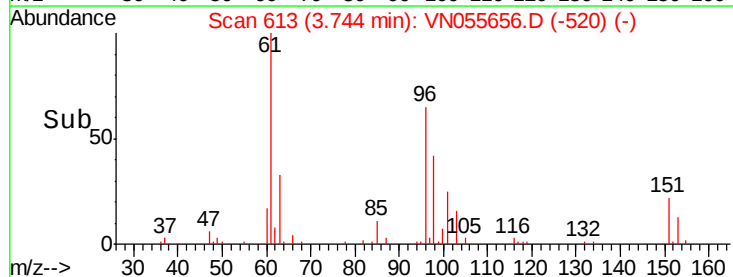
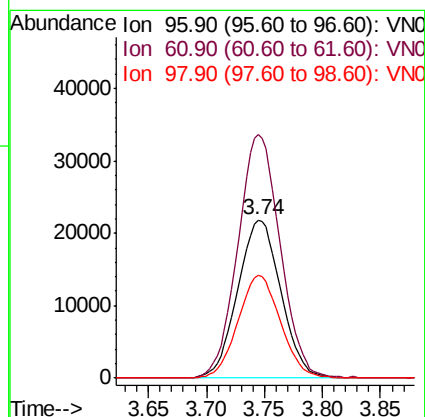
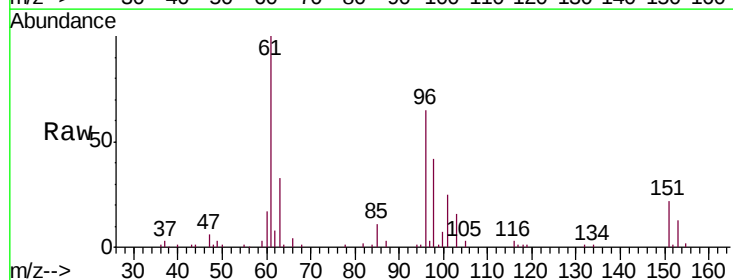
Tgt Ion: 59 Resp: 53762
 Ion Ratio Lower Upper
 59 100
 57 5.9 7.8 11.6#

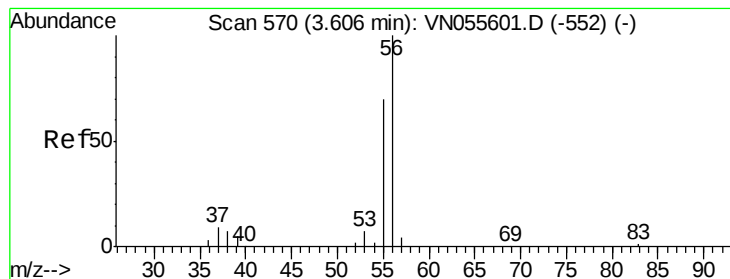


#12

1,1-Dichloroethene
 Concen: 19.510 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 96 Resp: 56581
 Ion Ratio Lower Upper
 96 100
 61 153.8 120.2 180.2
 98 65.2 50.6 75.8





#13

Acrolein

Concen: 85.695 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

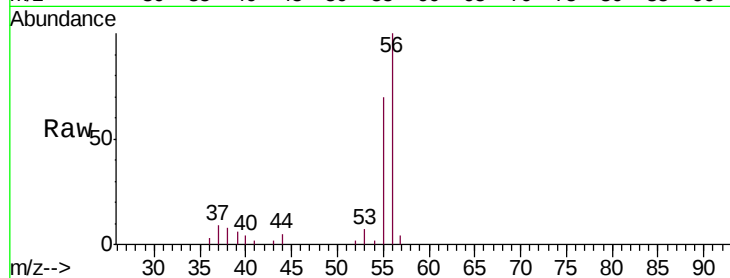
VN0517WBSD02

Tgt Ion: 56 Resp: 28078

Ion Ratio Lower Upper

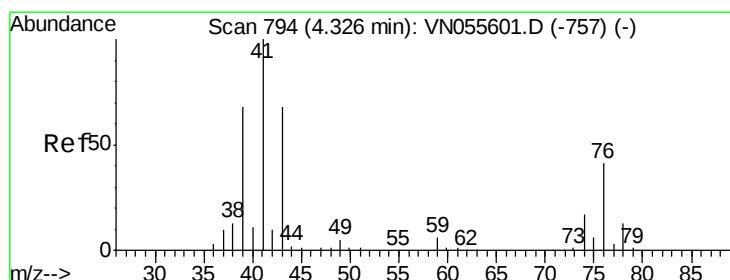
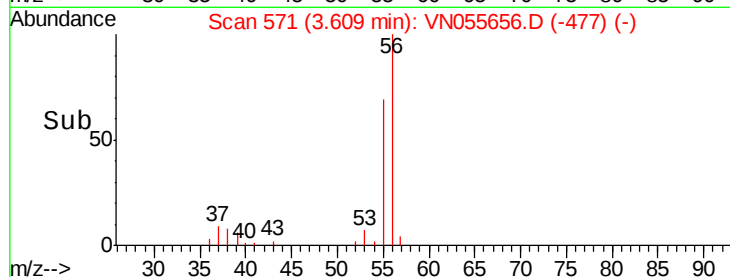
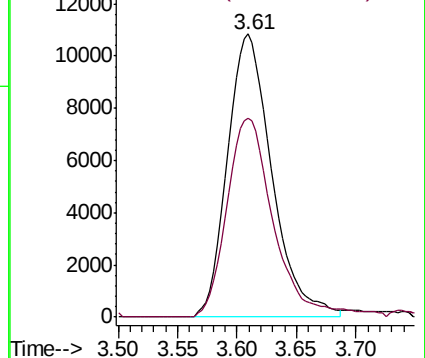
56 100

55 74.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.673 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

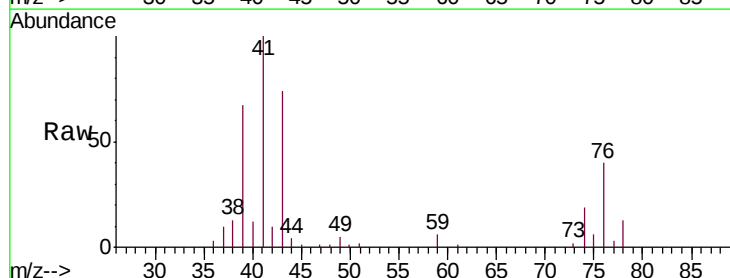
Tgt Ion: 41 Resp: 82743

Ion Ratio Lower Upper

41 100

39 64.4 50.5 75.7

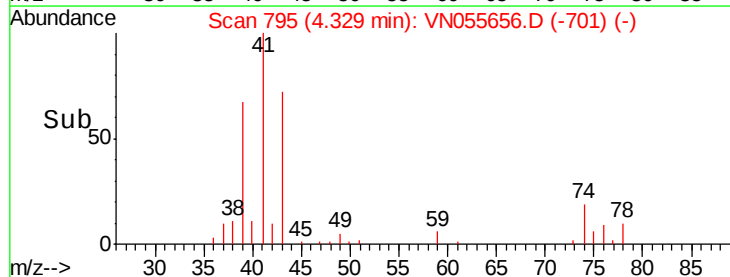
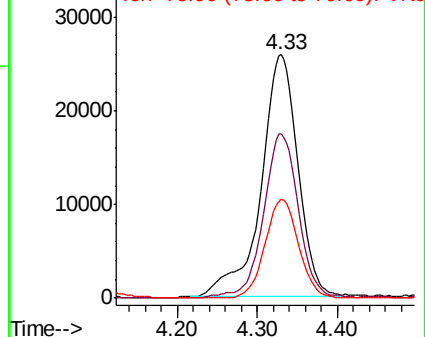
76 37.0 29.2 43.8

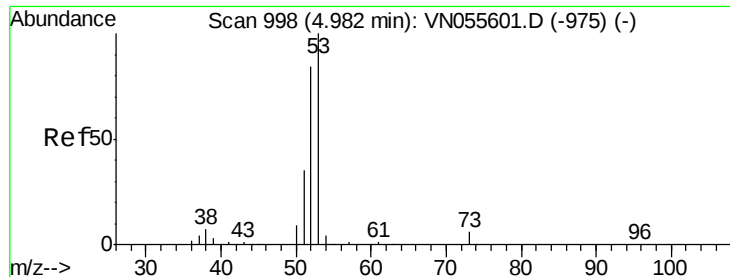


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.140 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

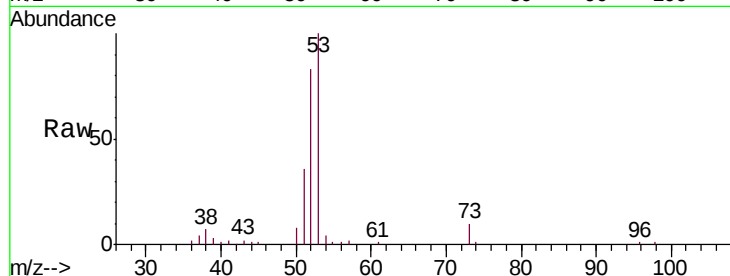
Tgt Ion: 53 Resp: 143184

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

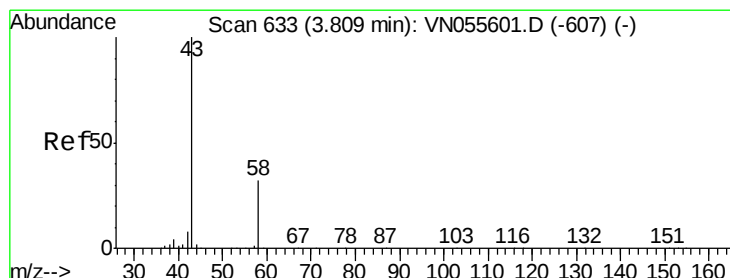
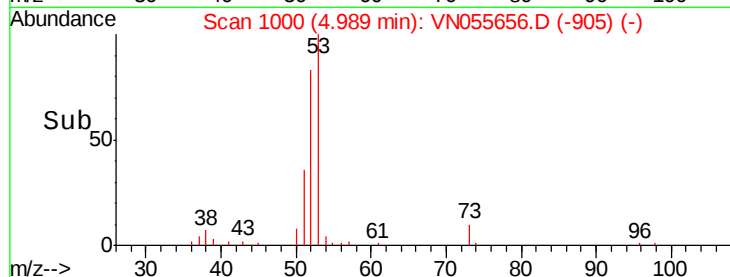
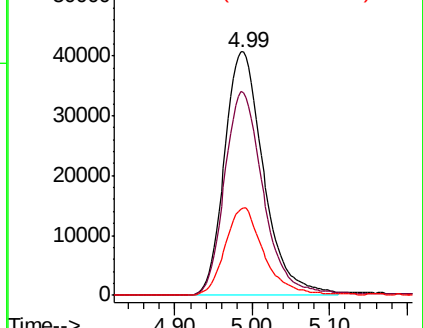
51 35.6 28.5 42.7



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: 83.140 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055656.D

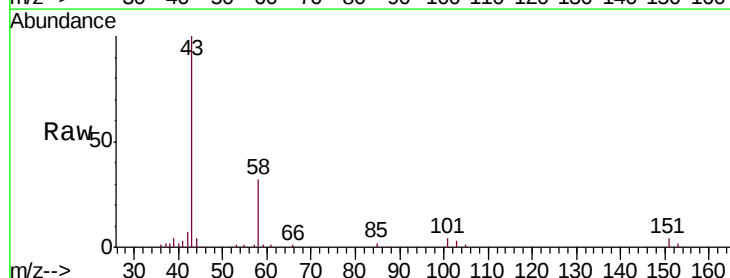
Acq: 18 May 2019 10:24

Tgt Ion: 43 Resp: 118109

Ion Ratio Lower Upper

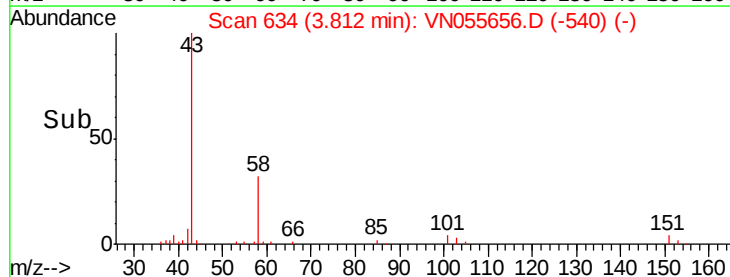
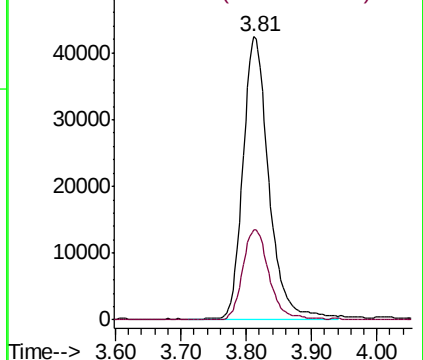
43 100

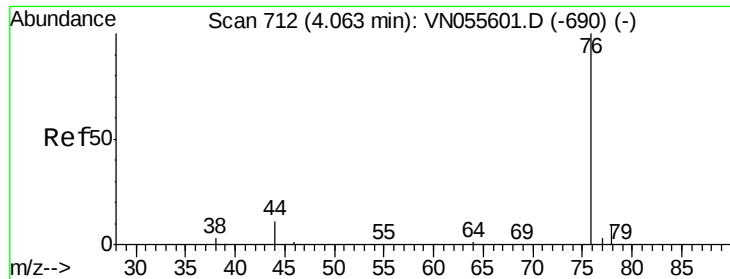
58 31.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.941 ug/l

RT: 4.06 min Scan# 712

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

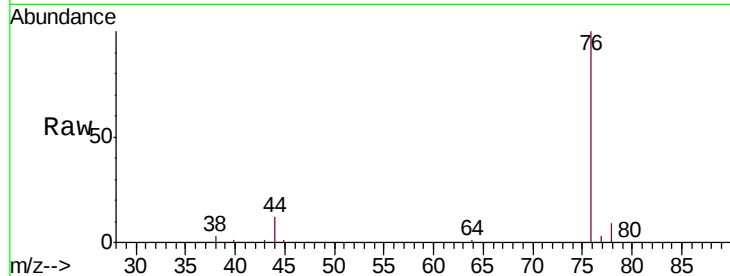
VN0517WBSD02

Tgt Ion: 76 Resp: 152708

Ion Ratio Lower Upper

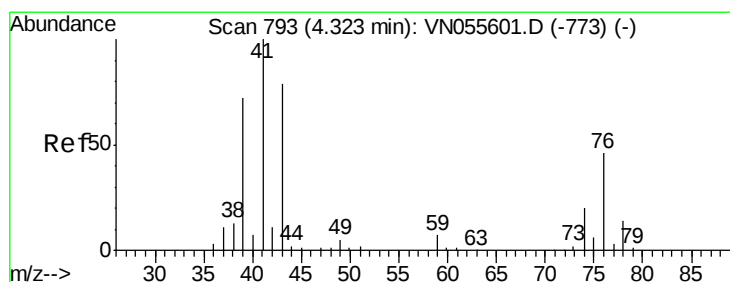
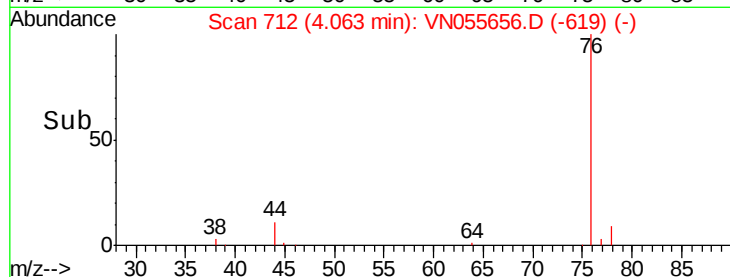
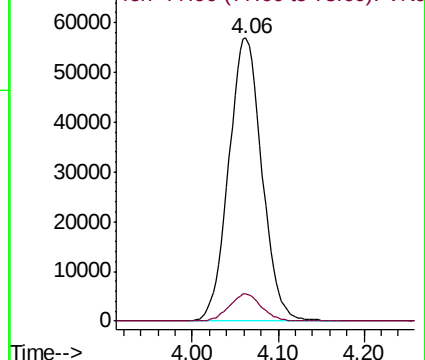
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.314 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055656.D

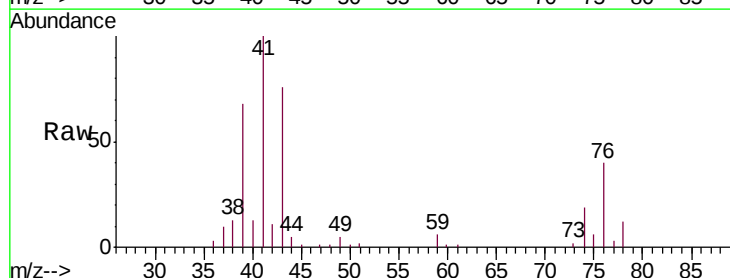
Acq: 18 May 2019 10:24

Tgt Ion: 43 Resp: 58822

Ion Ratio Lower Upper

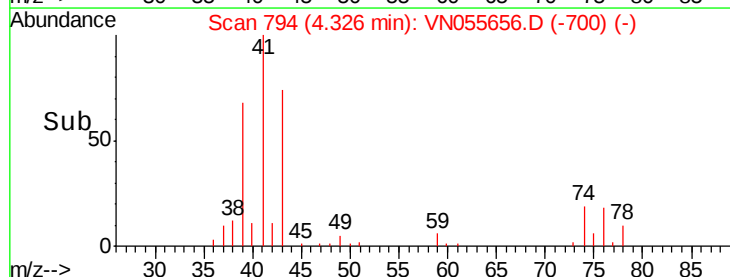
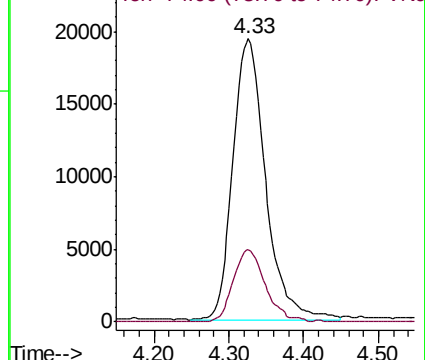
43 100

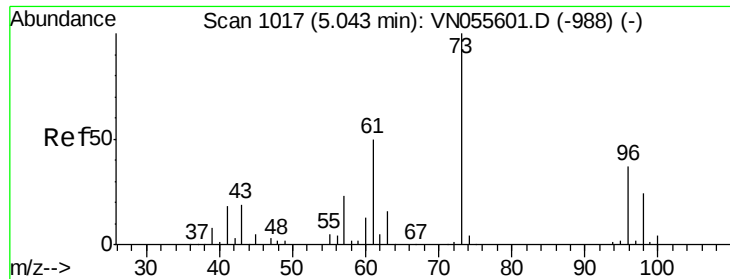
74 25.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

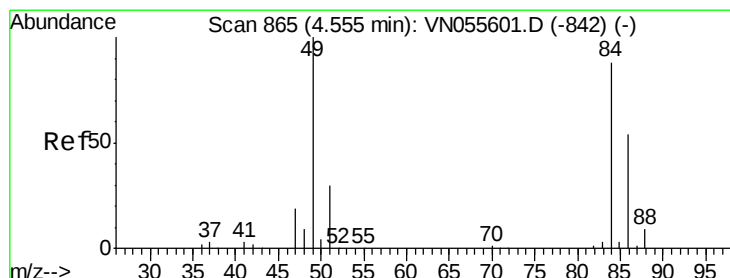
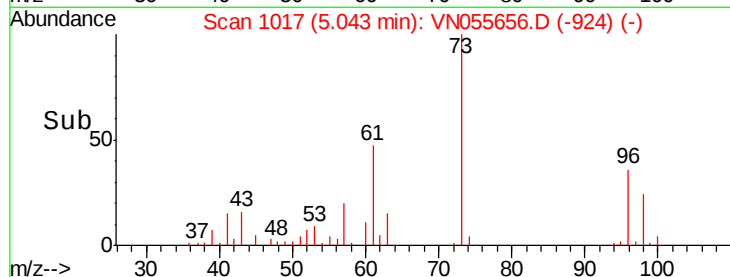
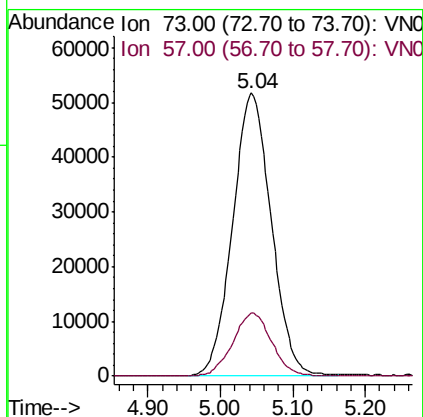
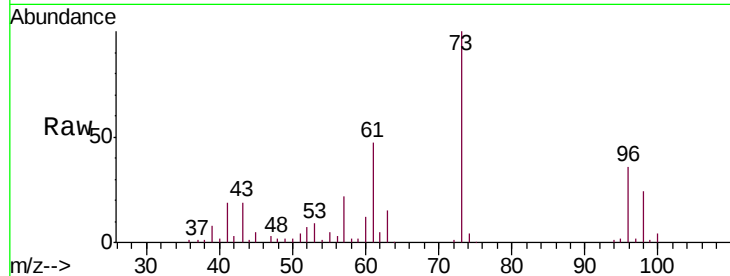




#19
Methyl tert-butyl Ether
Concen: 19.986 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

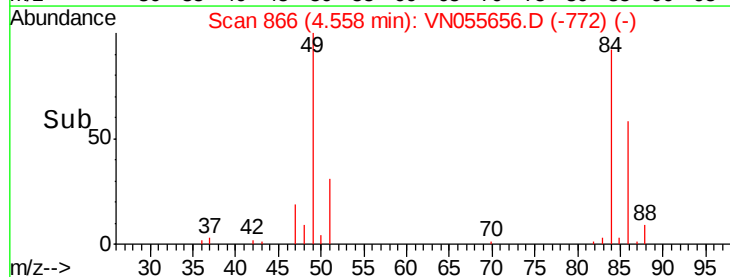
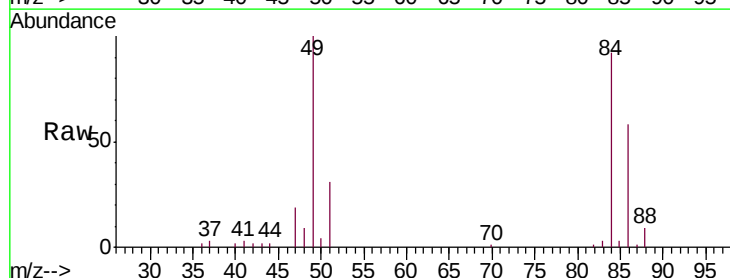
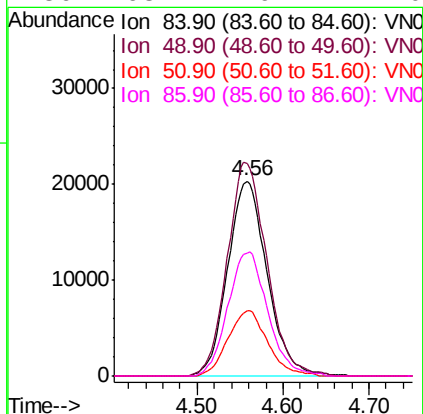
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

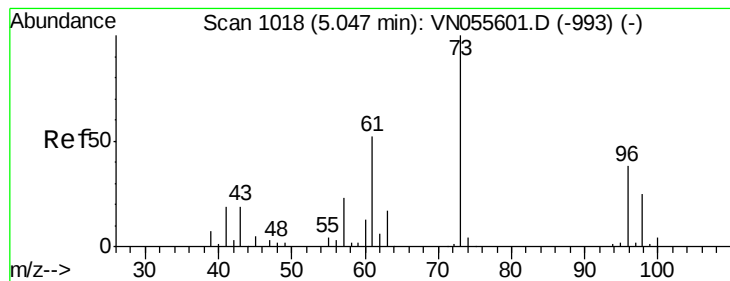
Tgt Ion: 73 Resp: 191750
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2



#20
Methylene Chloride
Concen: 20.028 ug/l
RT: 4.56 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 84 Resp: 64931
Ion Ratio Lower Upper
84 100
49 109.1 91.0 136.4
51 33.4 27.5 41.3
86 63.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 19.878 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

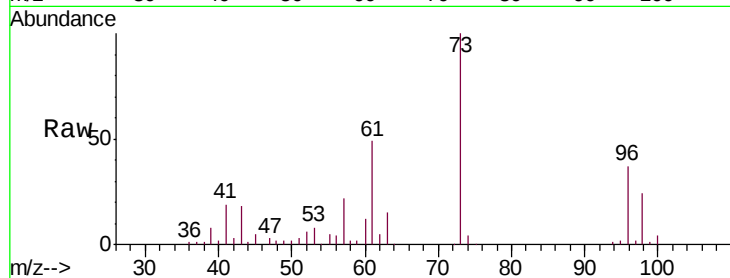
Tgt Ion: 96 Resp: 61410

Ion Ratio Lower Upper

96 100

61 130.3 108.6 162.8

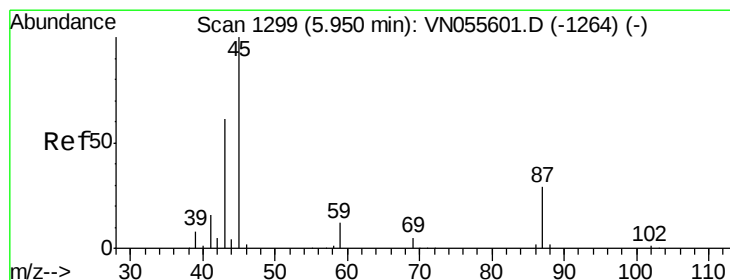
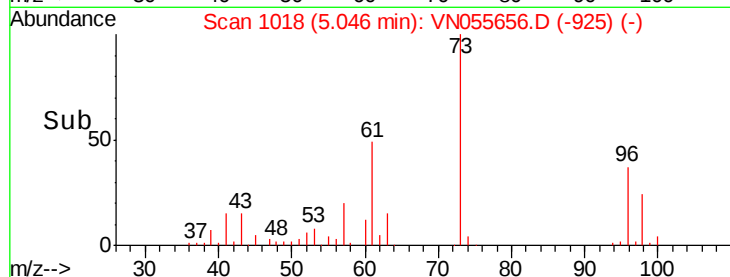
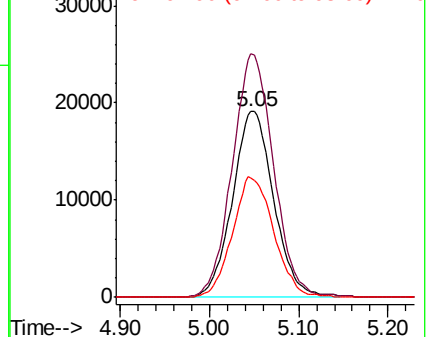
98 64.3 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.408 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Tgt Ion: 45 Resp: 180058

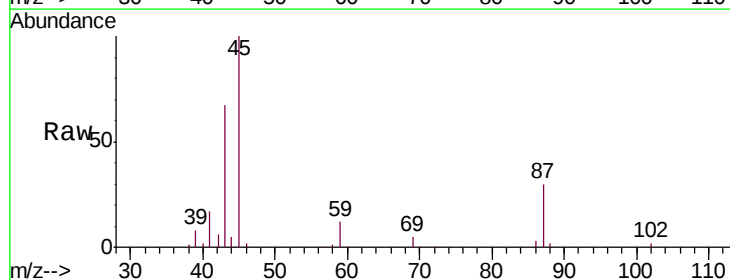
Ion Ratio Lower Upper

45 100

43 64.1 50.4 75.6

87 29.8 23.8 35.6

59 12.0 9.5 14.3

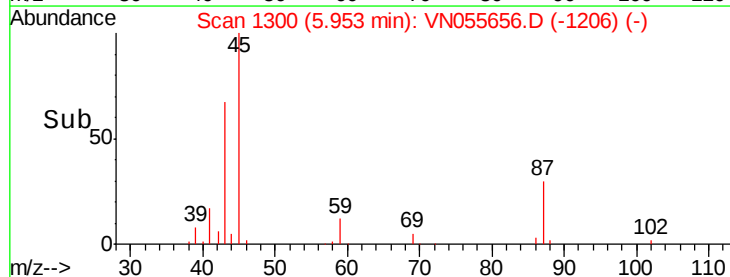
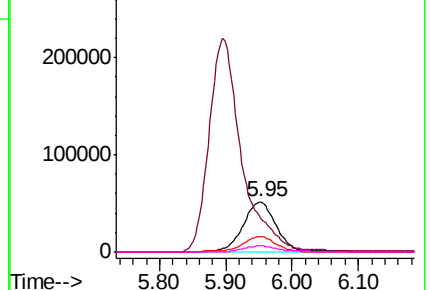


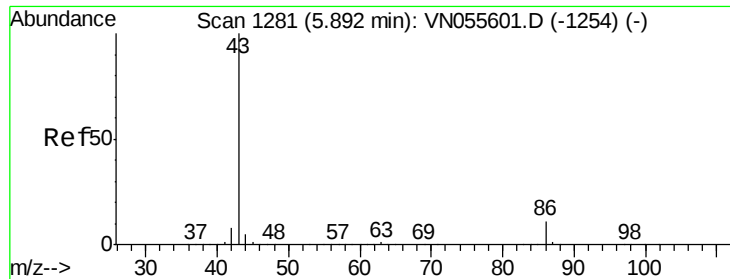
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

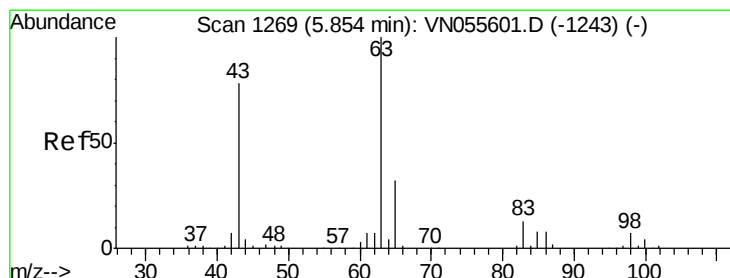
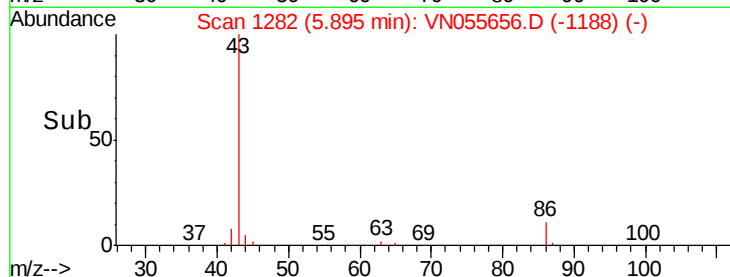
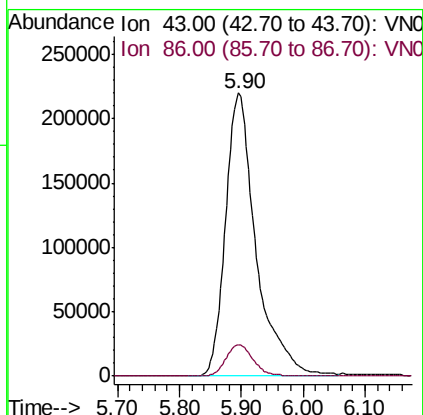
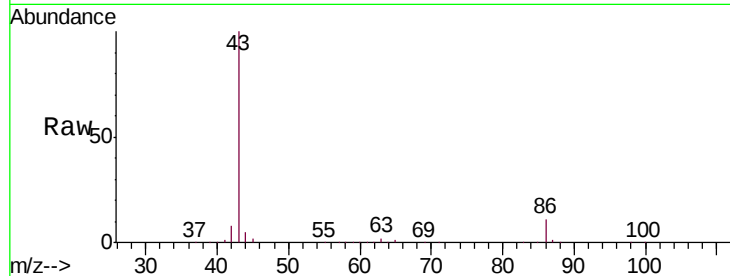




#23
 Vinyl Acetate
 Concen: 95.849 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

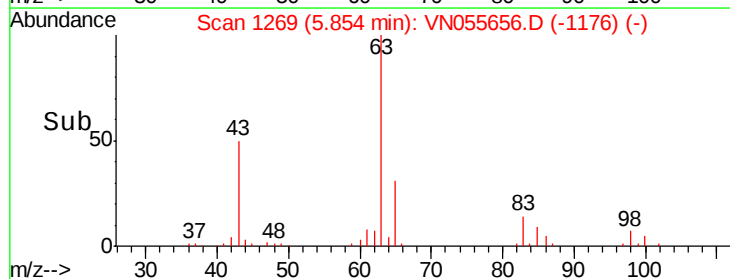
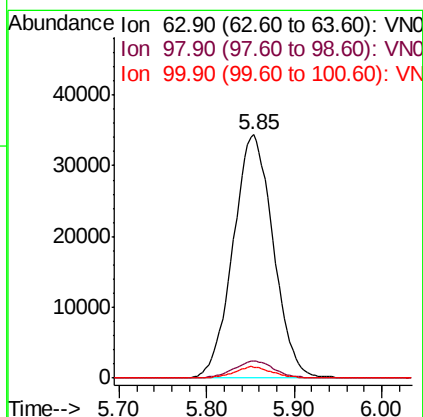
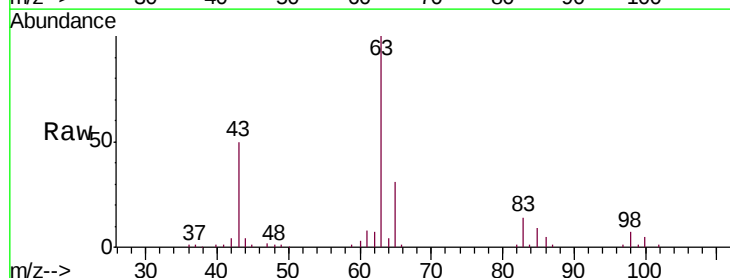
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

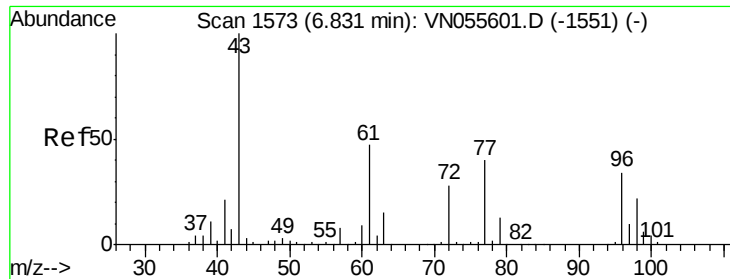
Tgt Ion: 43 Resp: 754524
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 20.157 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 63 Resp: 109647
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 90.402 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleID :

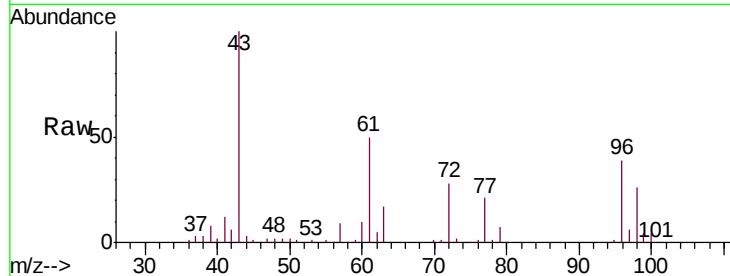
VN0517WBSD02

Tgt Ion: 43 Resp: 179566

Ion Ratio Lower Upper

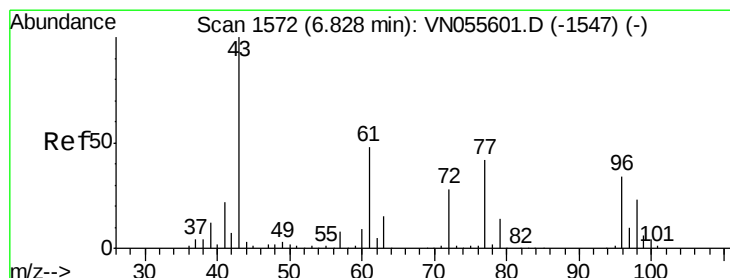
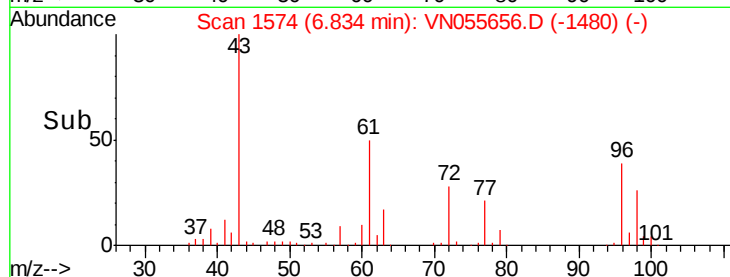
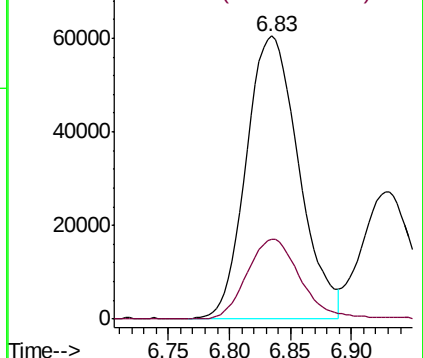
43 100

72 28.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 8.962 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055656.D

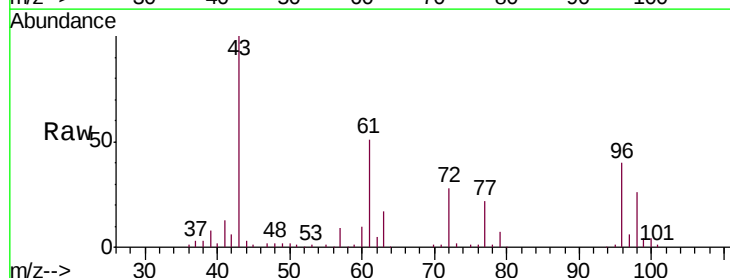
Acq: 18 May 2019 10:24

Tgt Ion: 77 Resp: 43268

Ion Ratio Lower Upper

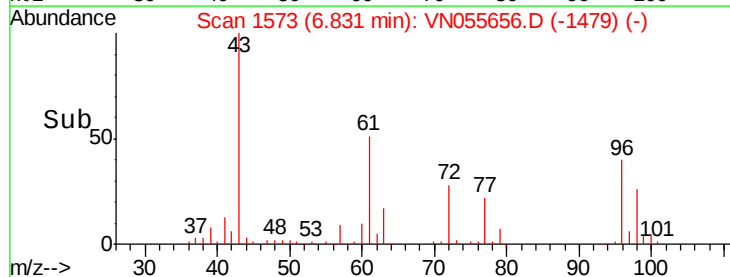
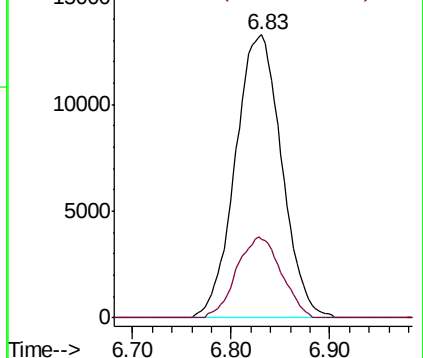
77 100

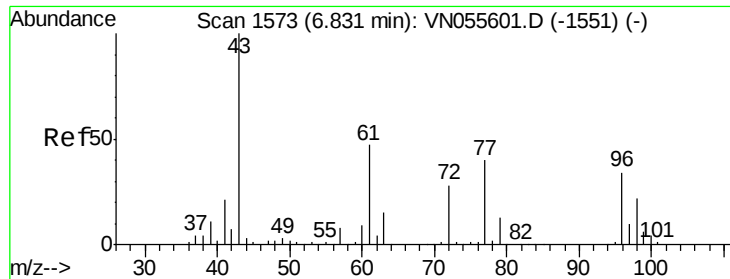
97 27.4 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.909 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

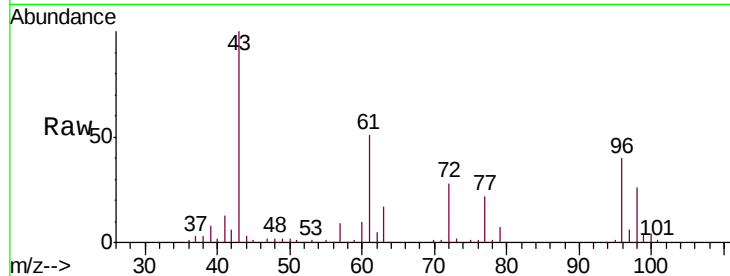
Tgt Ion: 96 Resp: 71623

Ion Ratio Lower Upper

96 100

61 125.7 0.0 279.0

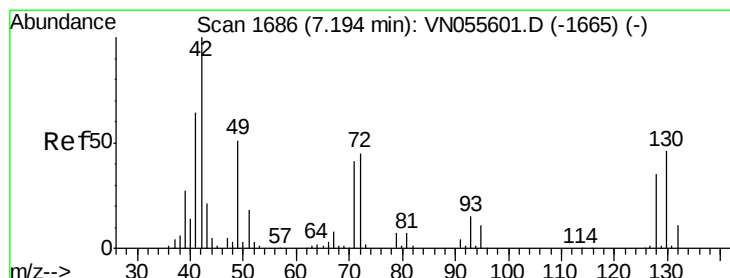
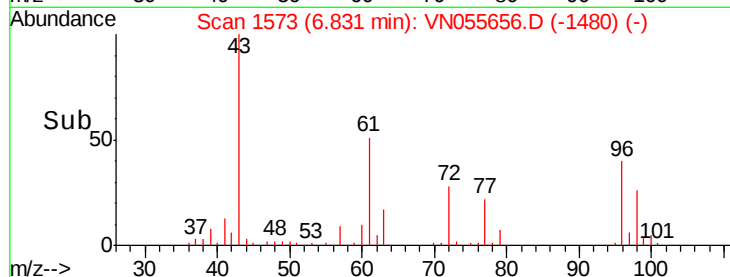
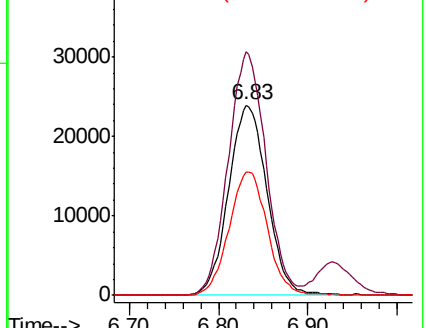
98 64.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN055601.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN055601.D (-1551) (-)



#28

Bromochloromethane

Concen: 20.687 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

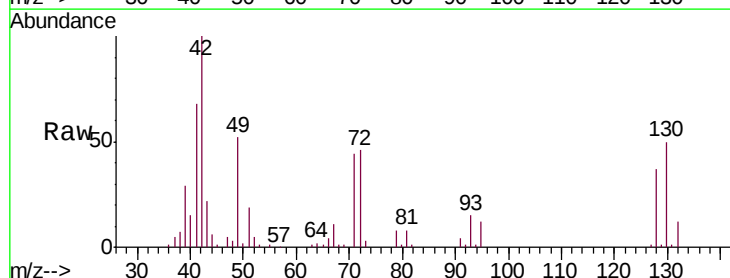
Tgt Ion: 49 Resp: 48957

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

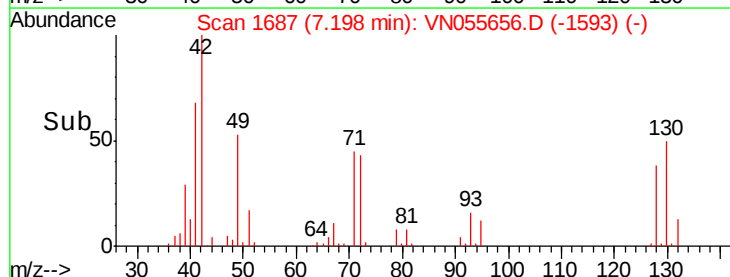
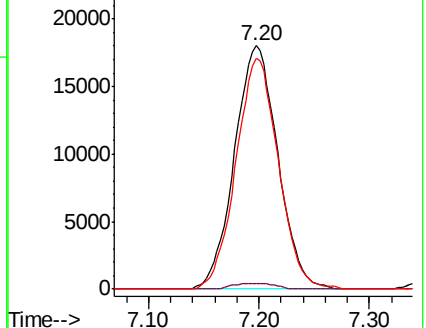
130 92.8 71.0 106.6

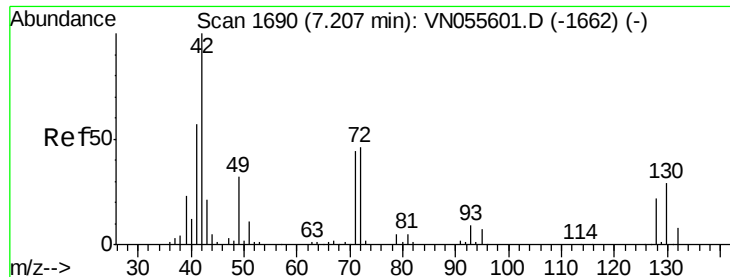


Abundance Ion 48.90 (48.60 to 49.60): VN055601.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN055601.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN055601.D (-1665) (-)

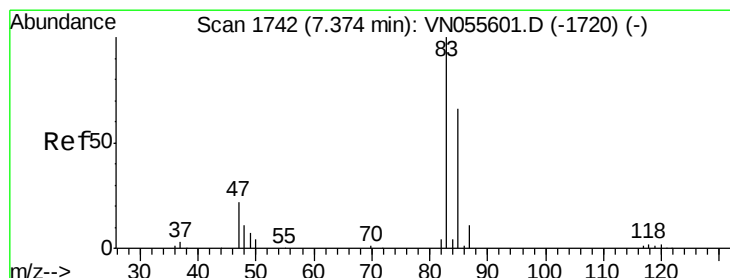
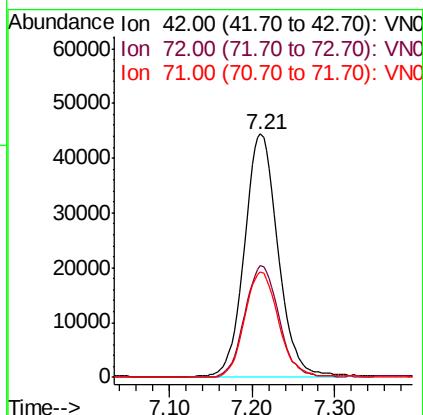
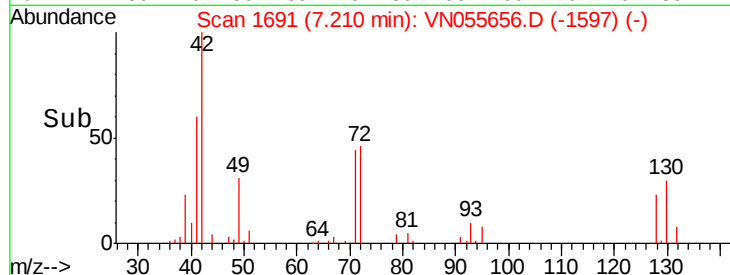
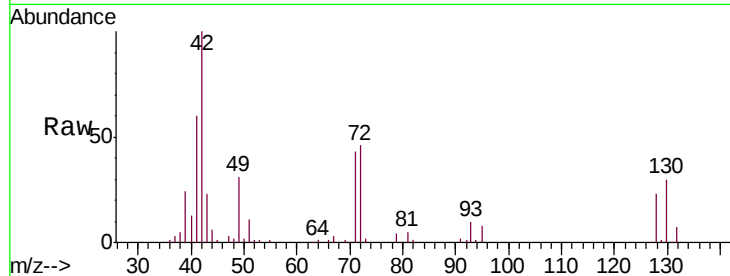




#29
Tetrahydrofuran
Concen: 95.281 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

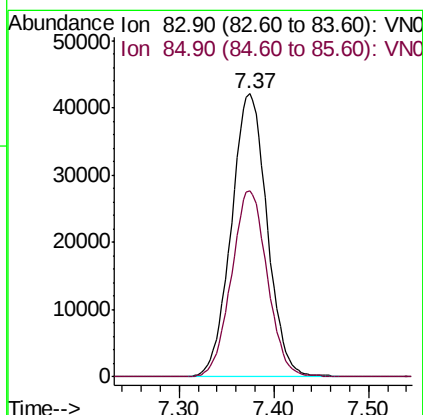
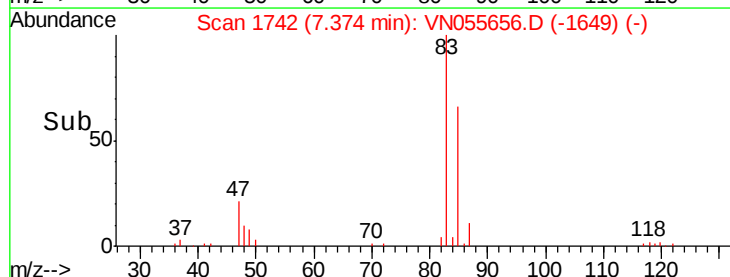
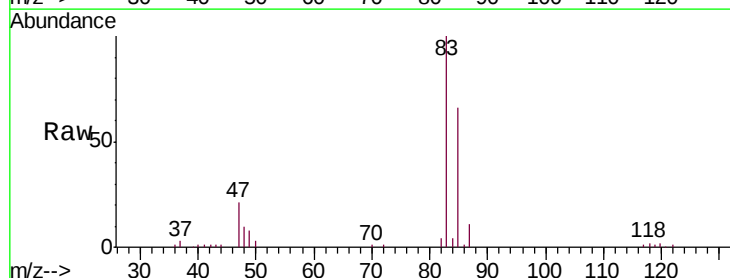
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

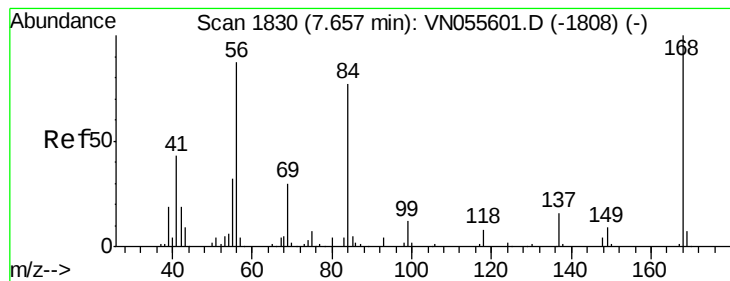
Tgt Ion: 42 Resp: 125385
Ion Ratio Lower Upper
42 100
72 46.5 36.5 54.7
71 43.6 34.9 52.3



#30
Chloroform
Concen: 19.876 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 83 Resp: 110985
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8





#31

Cyclohexane

Concen: 18.868 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

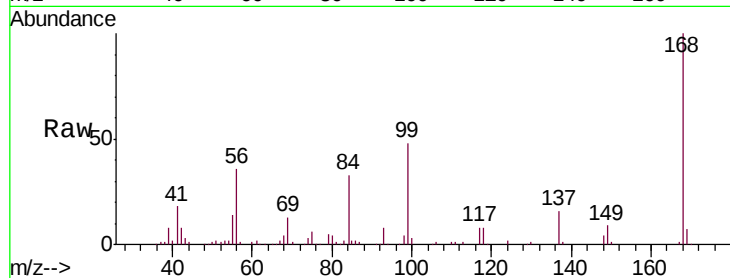
Tgt Ion: 56 Resp: 97410

Ion Ratio Lower Upper

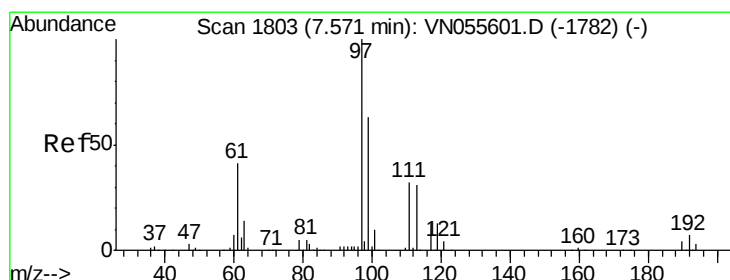
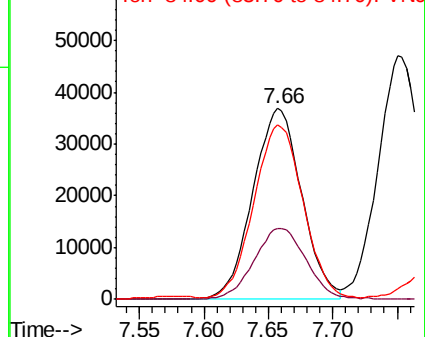
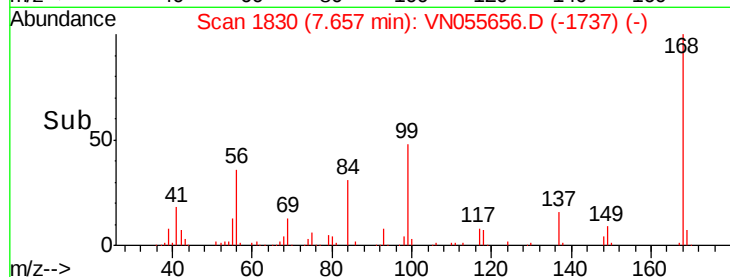
56 100

69 37.2 27.2 40.8

84 89.8 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055656.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 19.474 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

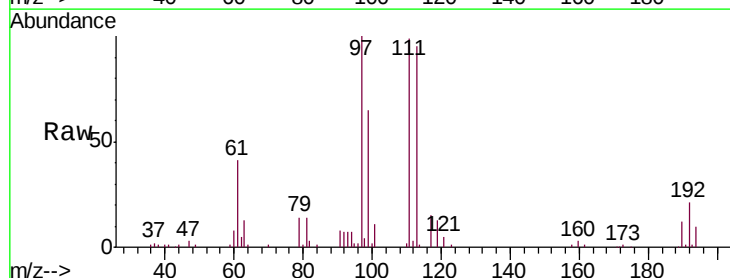
Tgt Ion: 97 Resp: 97534

Ion Ratio Lower Upper

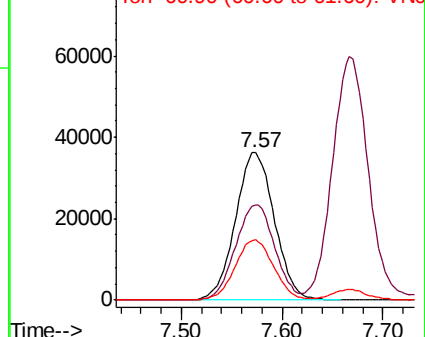
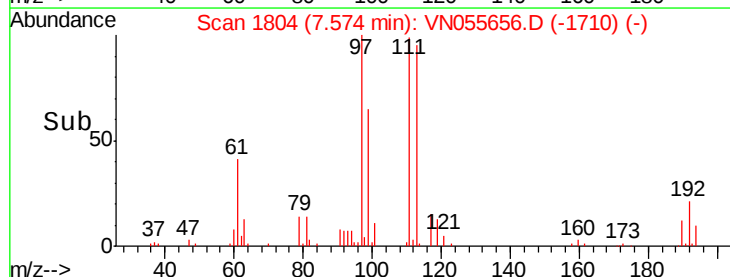
97 100

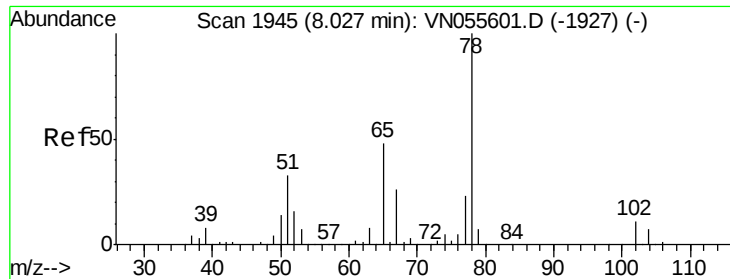
99 64.8 51.4 77.2

61 40.6 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VN055656.D (-1710) (-)

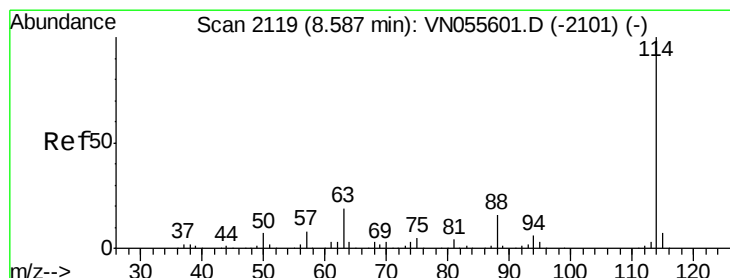
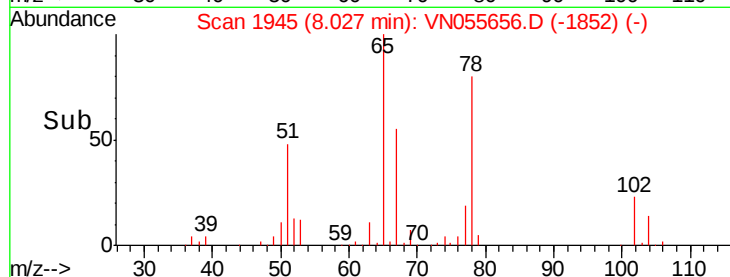
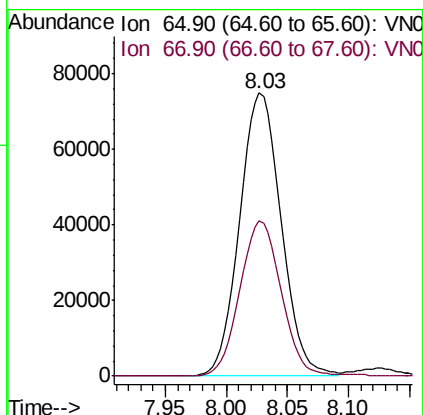
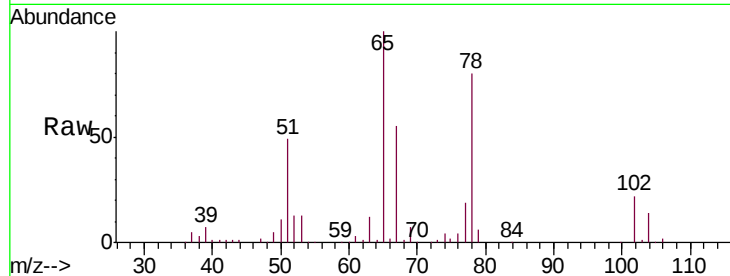




#33
 1,2-Dichloroethane-d4
 Concen: 50.677 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

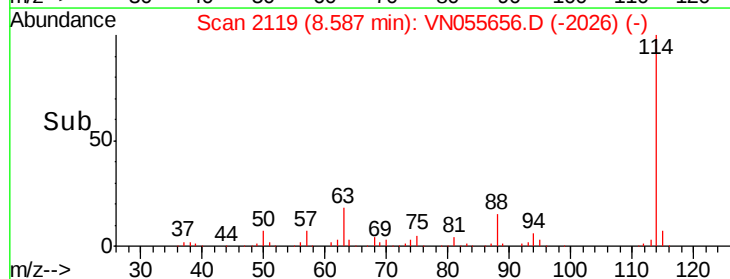
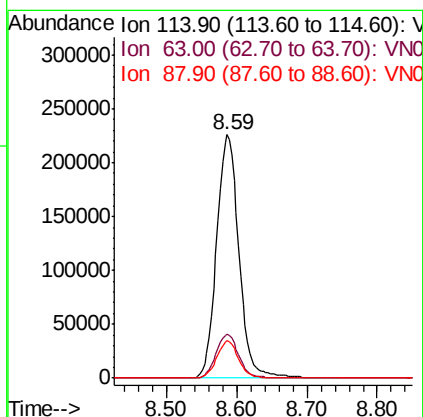
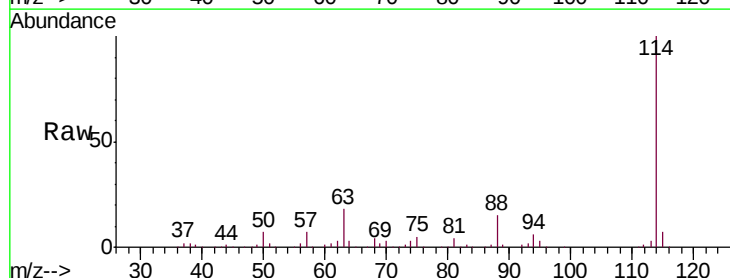
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

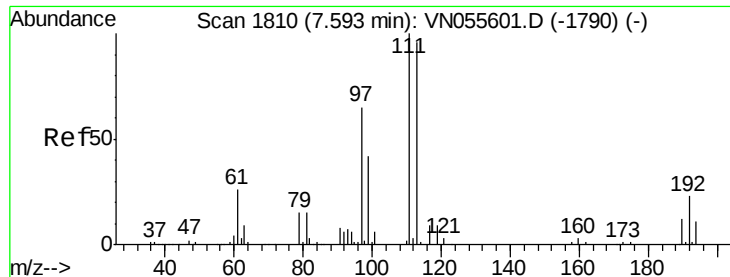
Tgt Ion: 65 Resp: 176409
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 114 Resp: 498070
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.2
 88 15.2 0.0 31.0

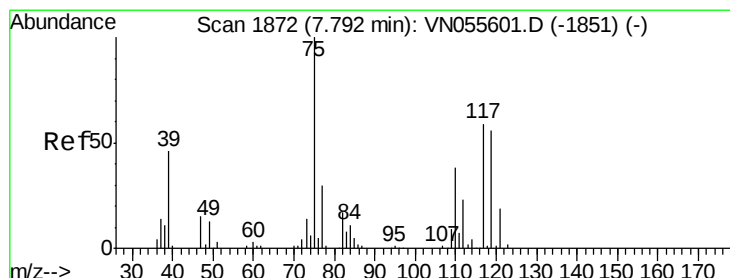
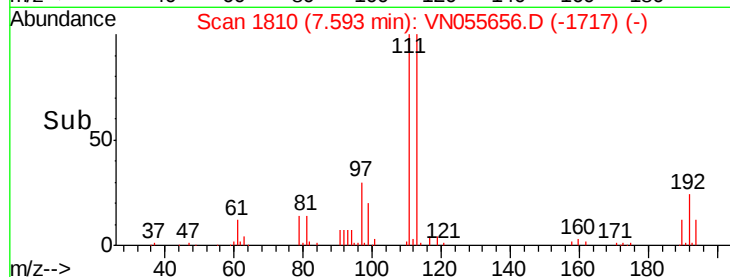
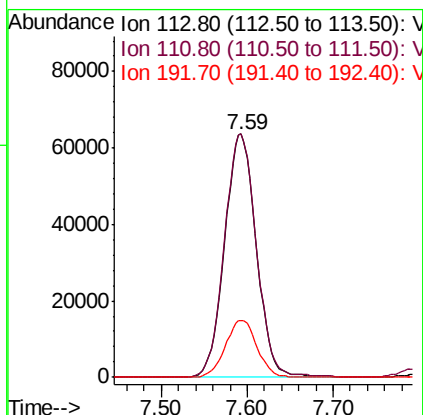
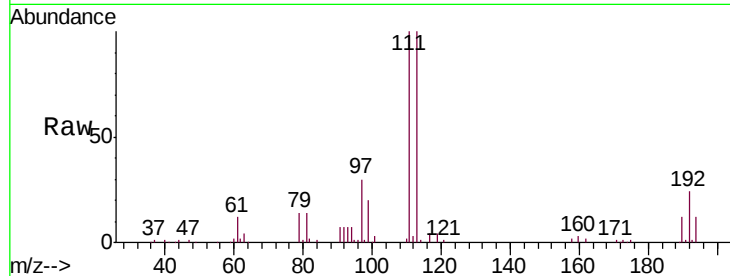




#35
 Dibromofluoromethane
 Concen: 51.352 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

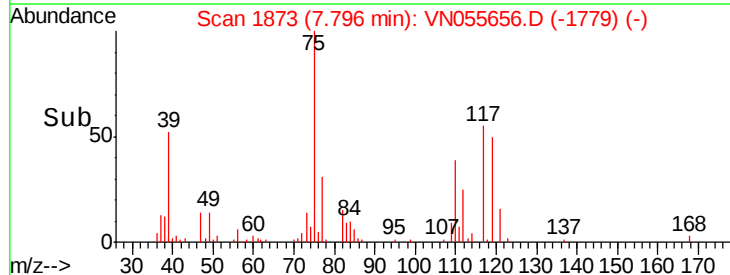
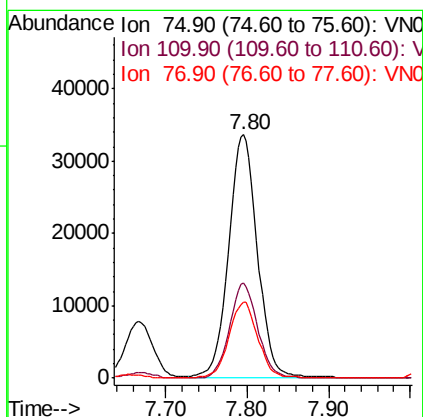
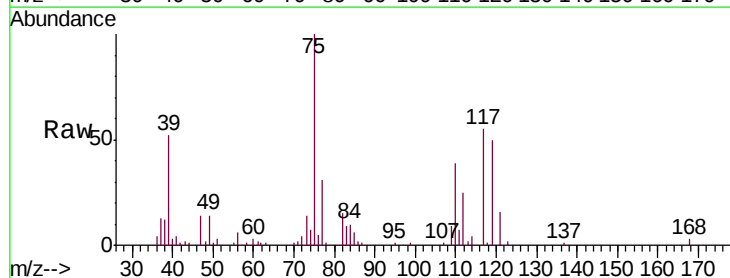
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

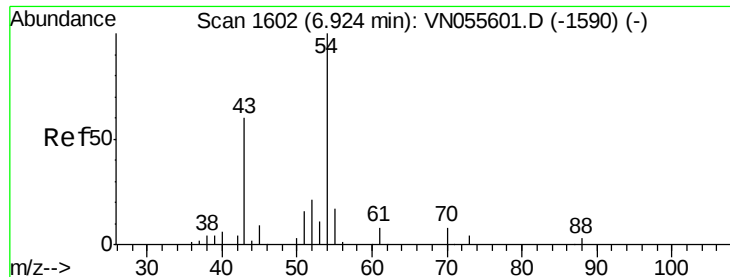
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.5	123.7
192	23.4	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 18.767 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.6	55.6
77	31.3	24.9	37.3

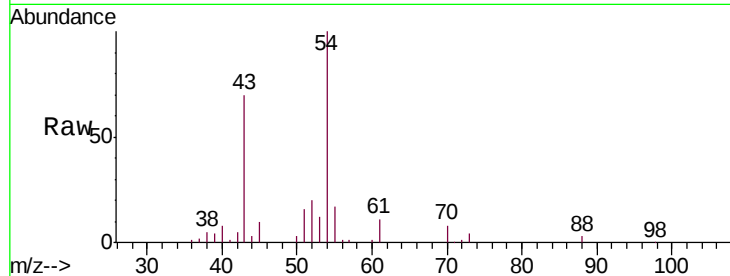




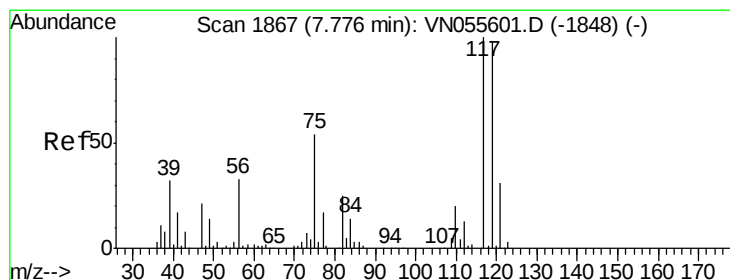
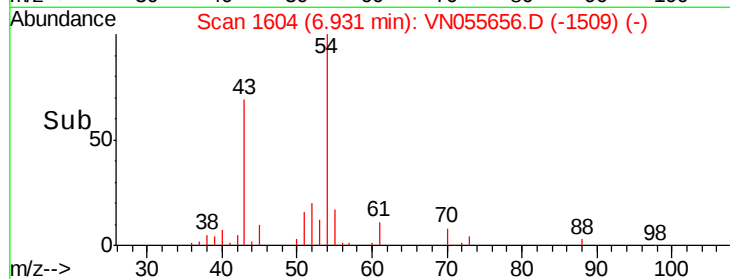
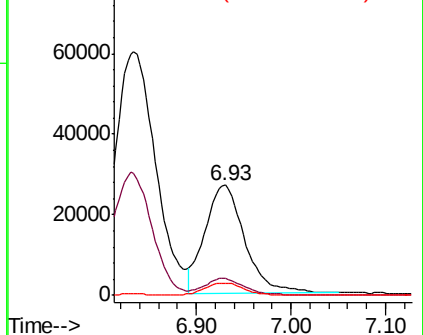
#37
Ethyl Acetate
Concen: 19.596 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

Tgt Ion: 43 Resp: 78525
Ion Ratio Lower Upper
43 100
61 15.6 11.4 17.0
70 11.3 9.2 13.8

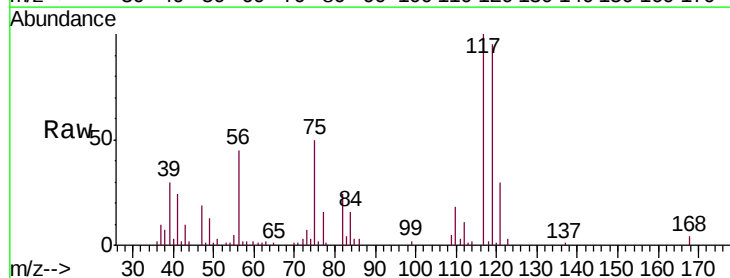


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

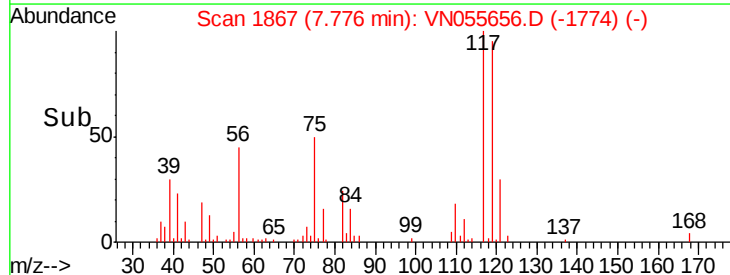
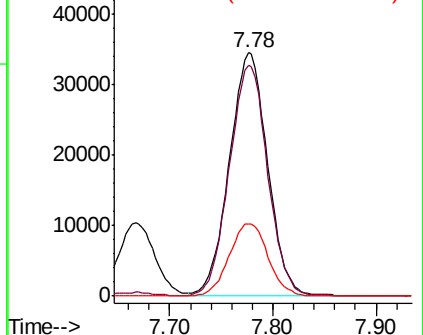


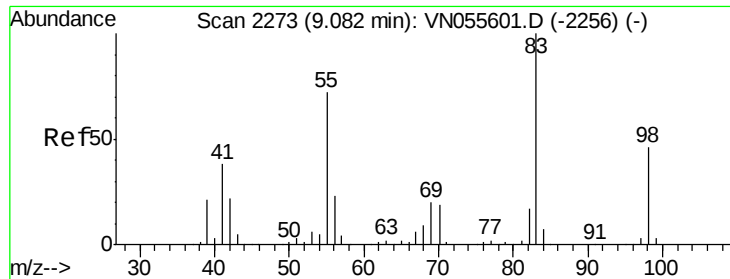
#38
Carbon Tetrachloride
Concen: 18.827 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 117 Resp: 89340
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.8
121 29.8 24.6 37.0



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

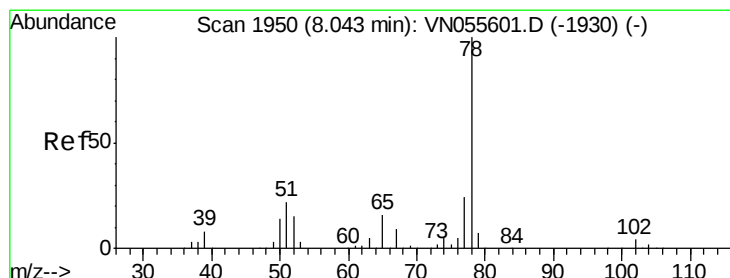
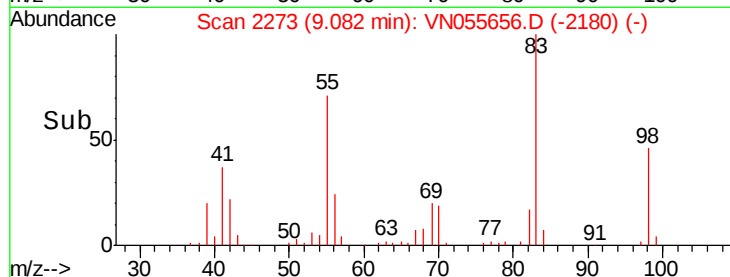
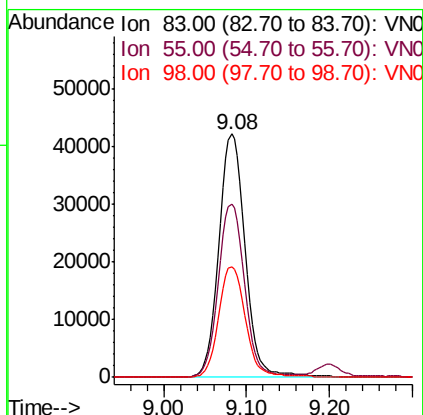
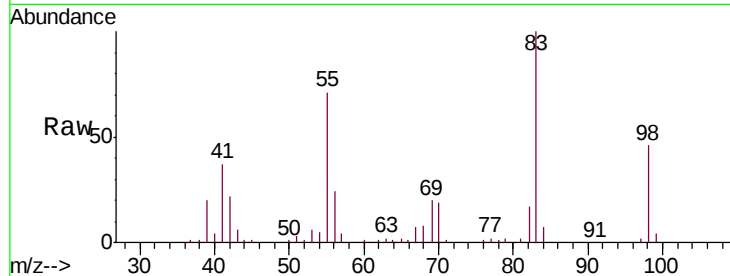




#39
Methylcyclohexane
Concen: 17.363 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

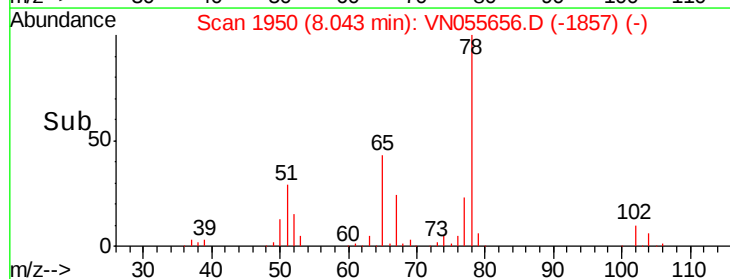
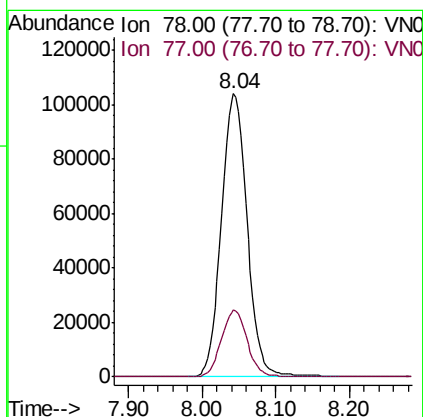
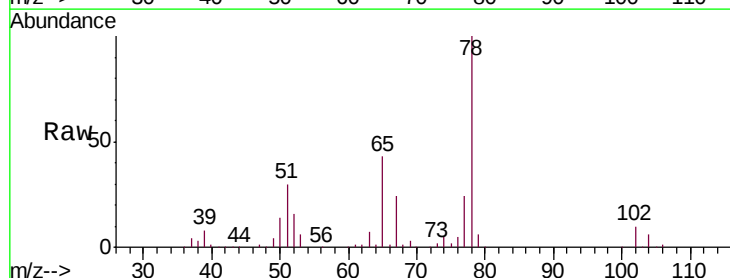
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

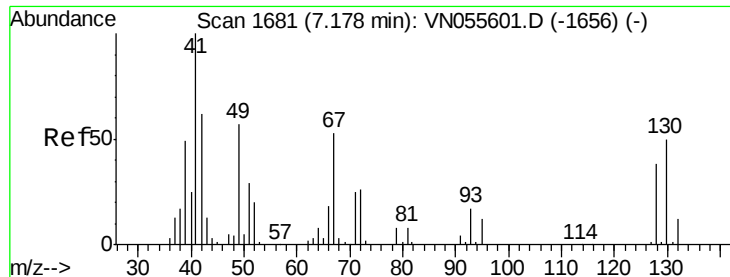
Tgt Ion: 83 Resp: 92944
Ion Ratio Lower Upper
83 100
55 71.1 57.8 86.6
98 45.6 36.7 55.1



#40
Benzene
Concen: 19.401 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 78 Resp: 253395
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

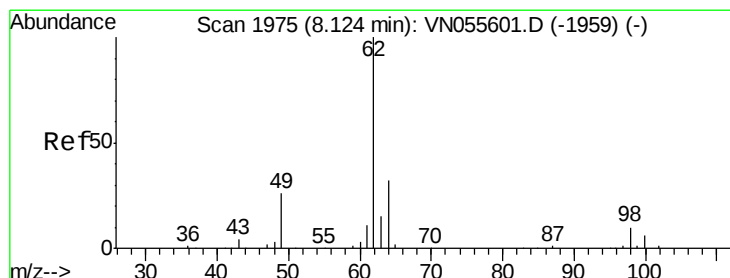
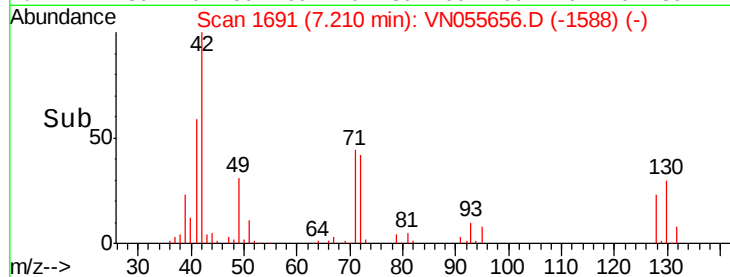
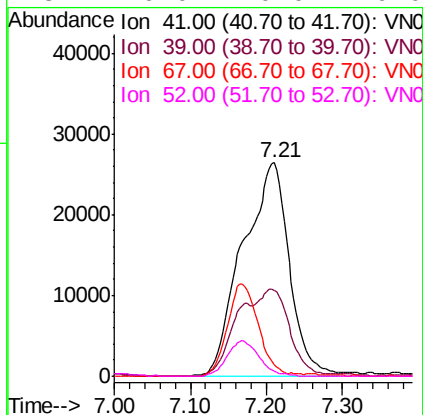
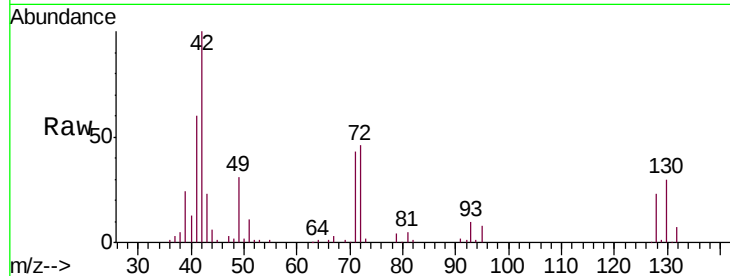




#41
Methacrylonitrile
Concen: 65.601 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

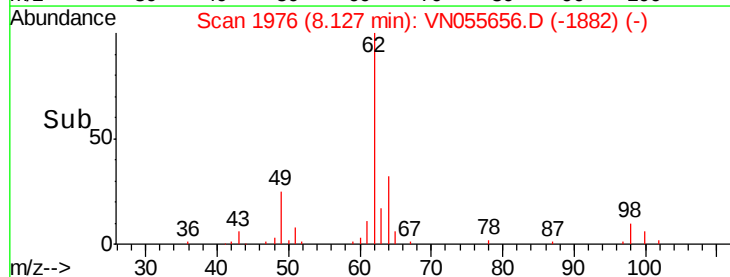
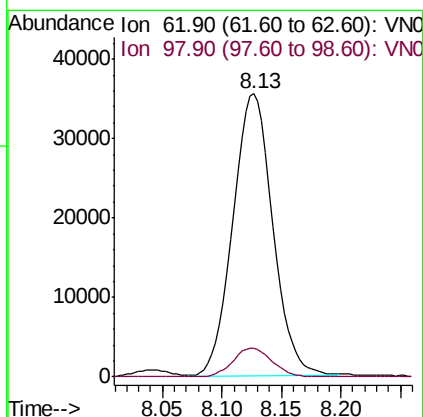
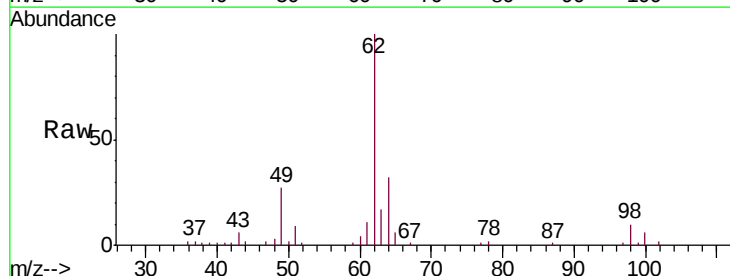
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

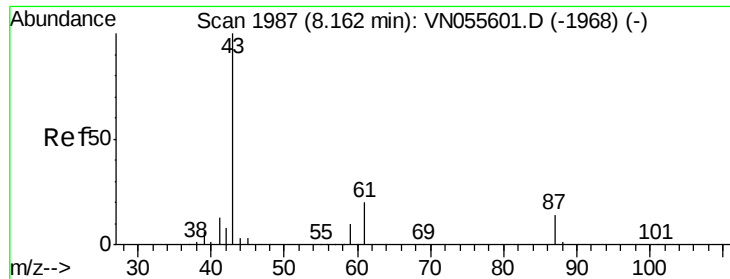
Tgt Ion:	41	Resp:	112387
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.514 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:	62	Resp:	82532
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 25.041 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

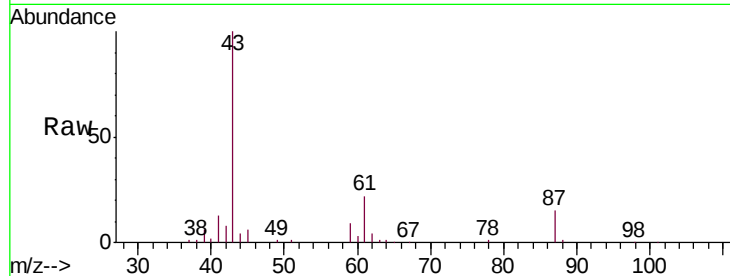
Tgt Ion: 43 Resp: 174542

Ion Ratio Lower Upper

43 100

61 21.4 22.1 33.1#

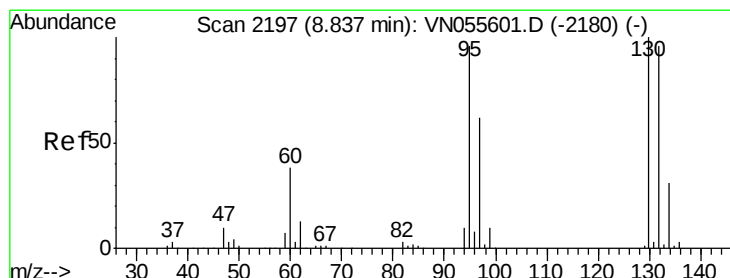
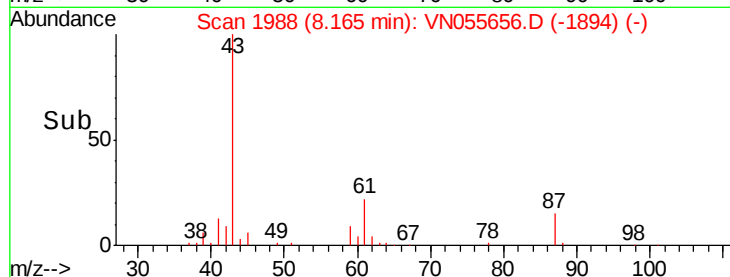
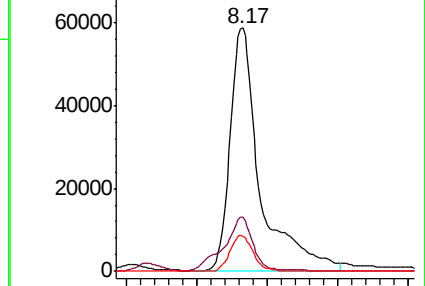
87 11.4 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#44

Trichloroethene

Concen: 19.948 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055656.D

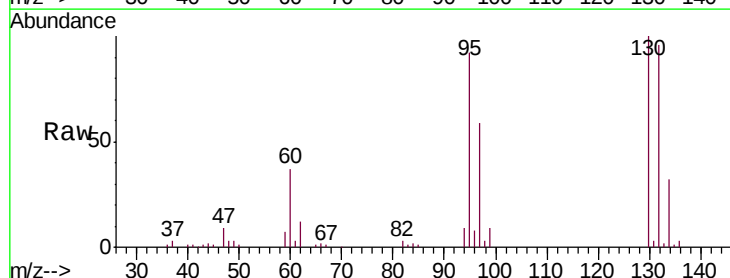
Acq: 18 May 2019 10:24

Tgt Ion: 130 Resp: 73520

Ion Ratio Lower Upper

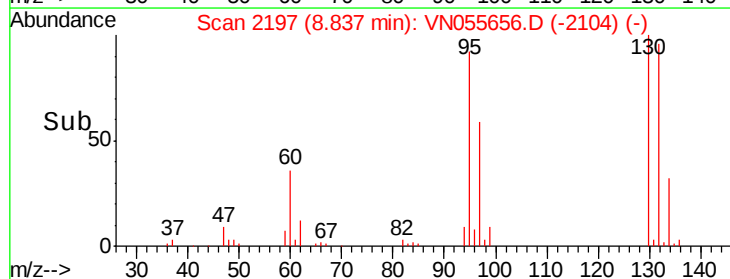
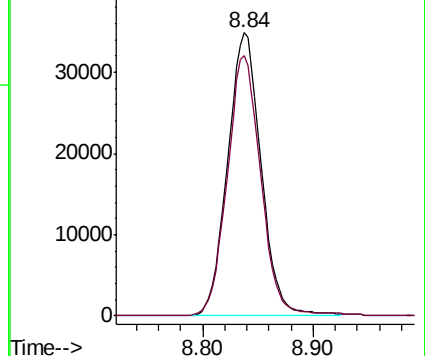
130 100

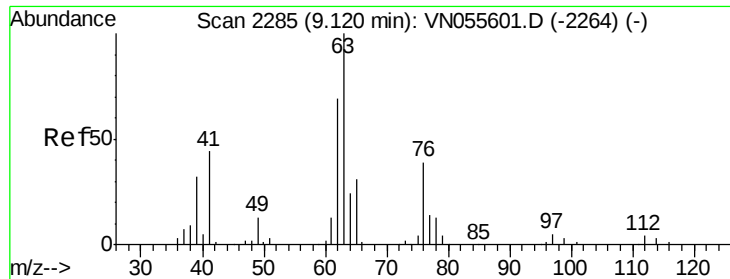
95 92.0 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.097 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

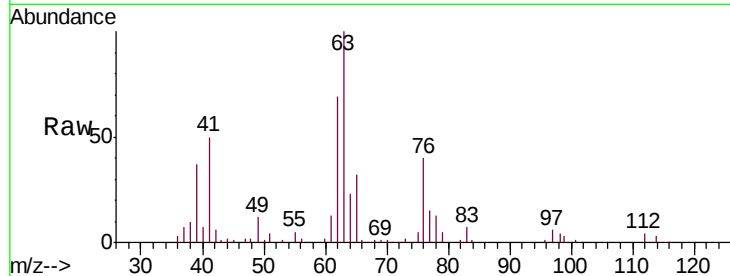
VN0517WBSD02

Tgt Ion: 63 Resp: 65708

Ion Ratio Lower Upper

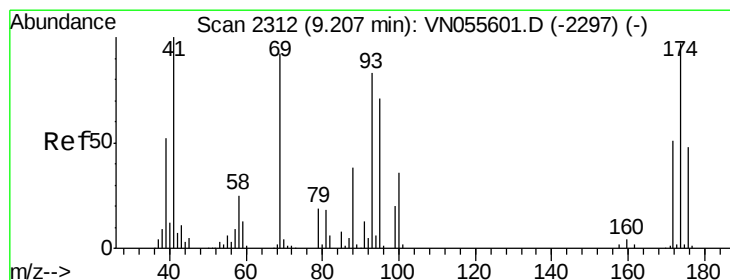
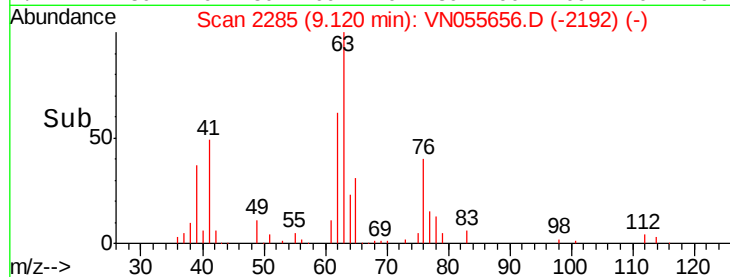
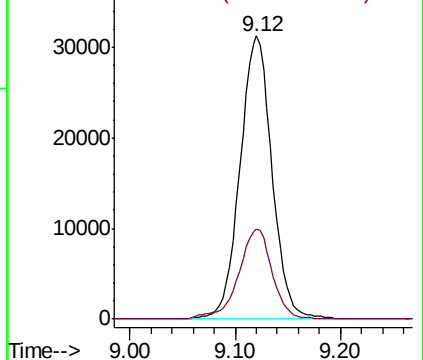
63 100

65 31.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.728 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

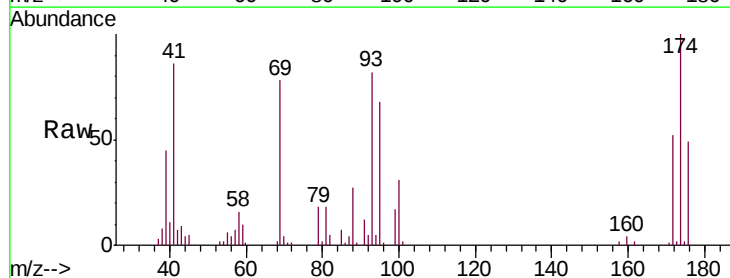
Tgt Ion: 93 Resp: 44427

Ion Ratio Lower Upper

93 100

95 84.0 67.9 101.9

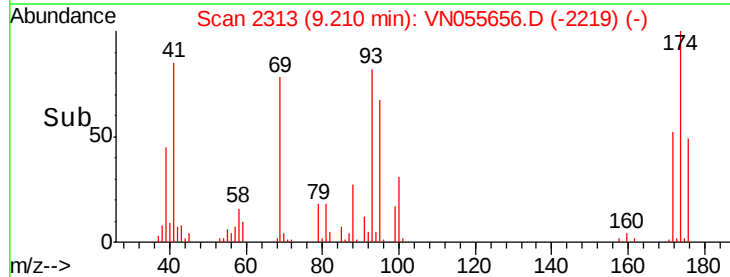
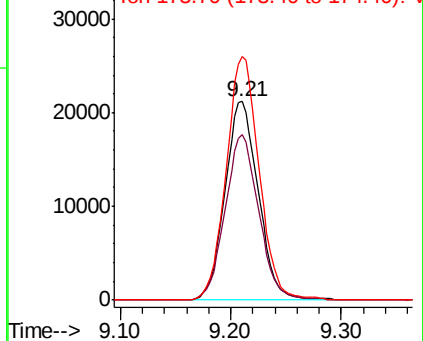
174 120.9 93.8 140.6

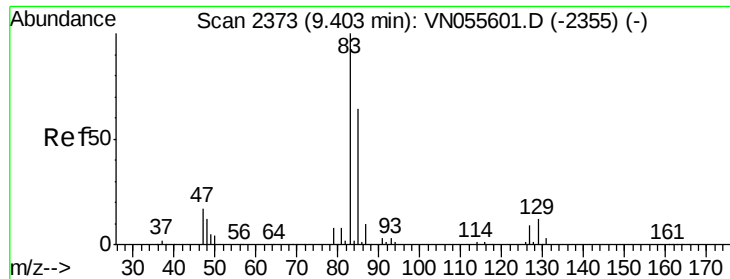


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.169 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

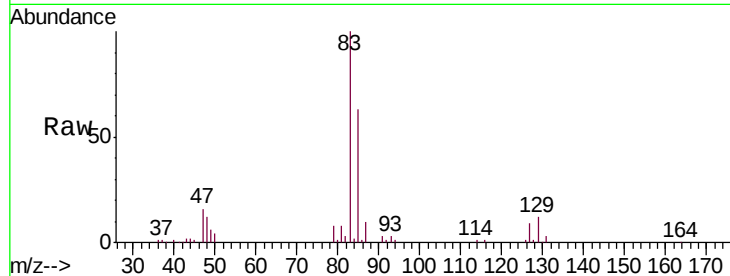
Tgt Ion: 83 Resp: 90476

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

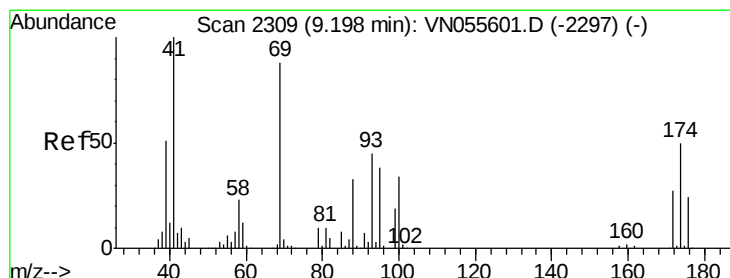
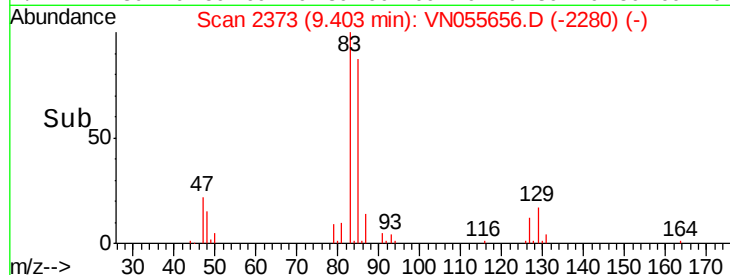
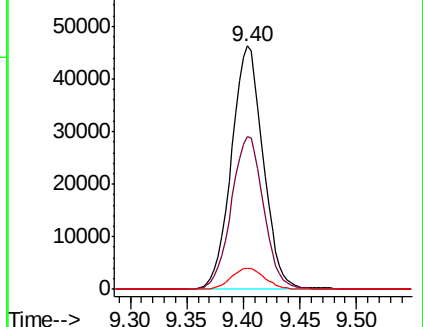
127 8.7 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055601.D (-2355) (-)



#48

Methyl methacrylate

Concen: 18.896 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

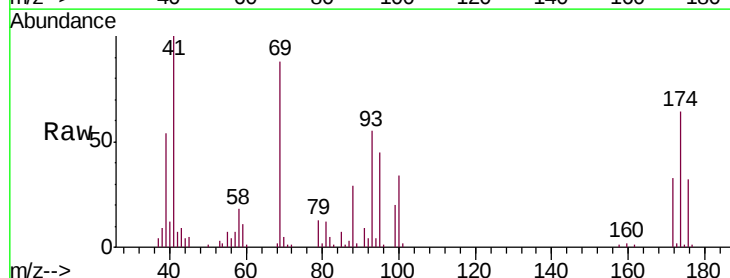
Tgt Ion: 41 Resp: 58871

Ion Ratio Lower Upper

41 100

69 97.8 74.2 111.2

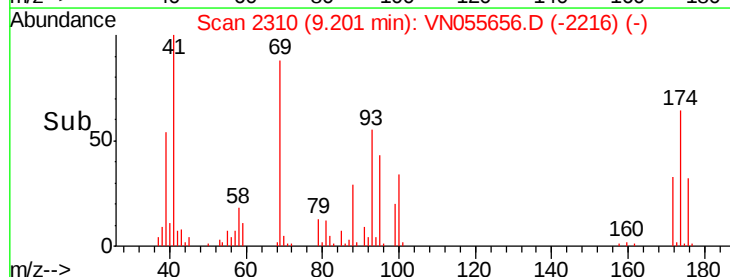
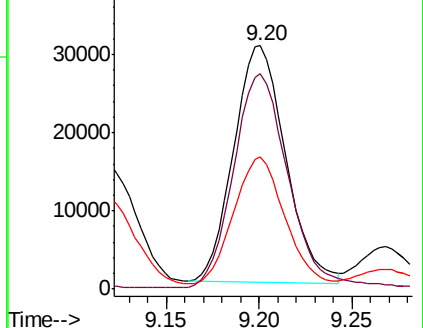
39 56.5 43.8 65.8

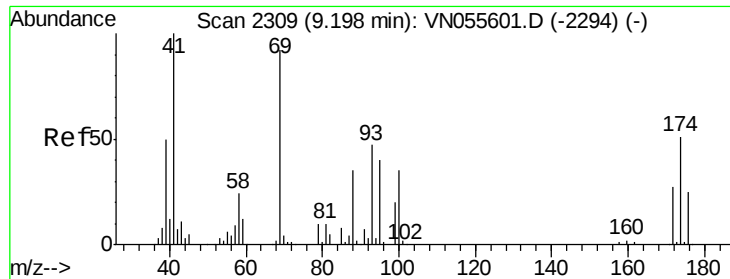


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)

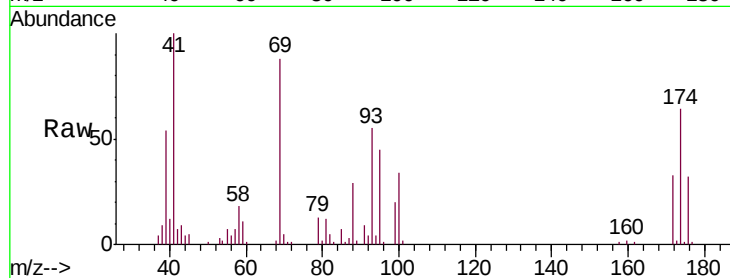




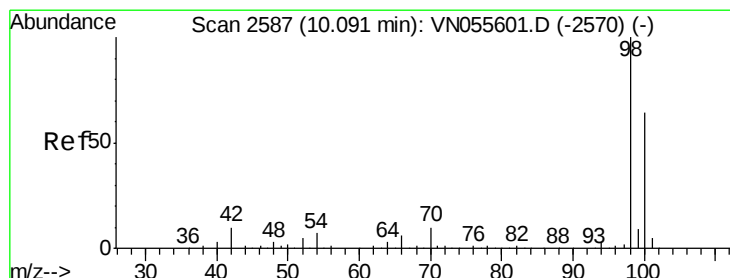
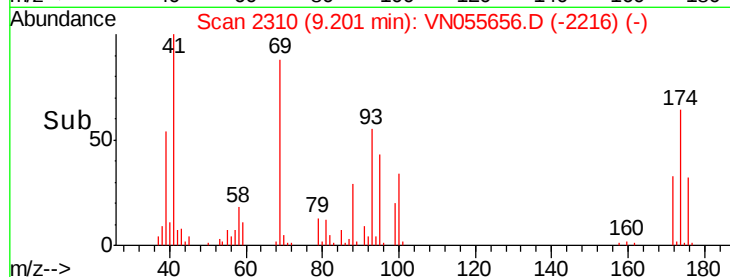
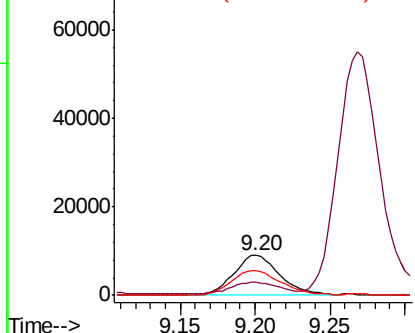
#49
 1,4-Dioxane
 Concen: 314.664 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

Tgt Ion: 88 Resp: 19480
 Ion Ratio Lower Upper
 88 100
 43 29.5 22.4 33.6
 58 66.7 53.4 80.2

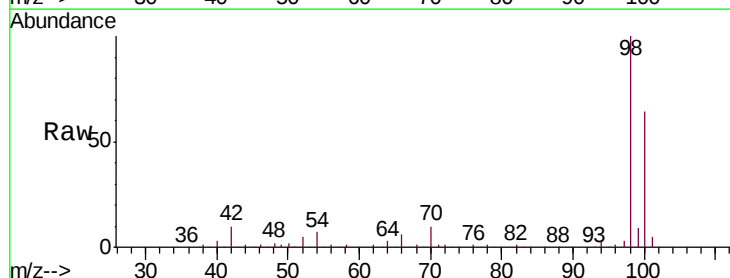


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

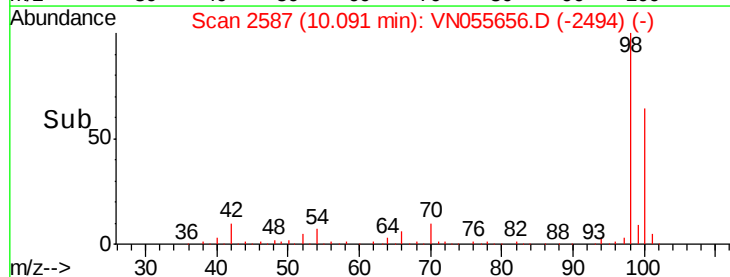
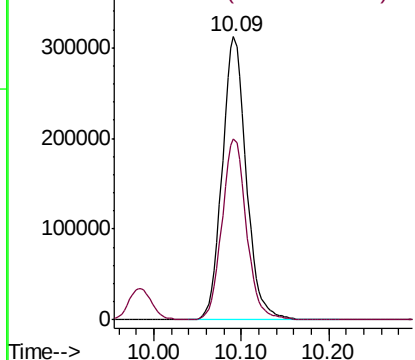


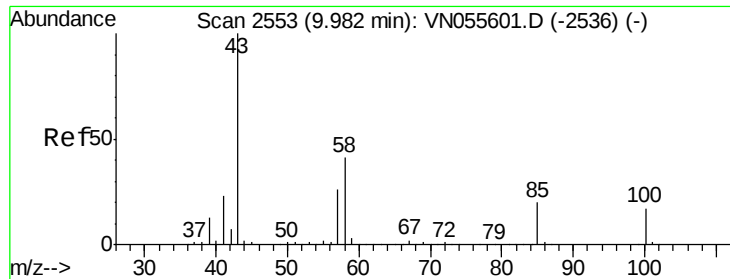
#50
 Toluene-d8
 Concen: 49.561 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 98 Resp: 592911
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 93.309 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

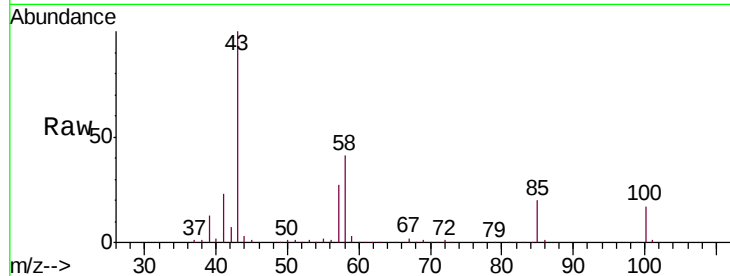
VN0517WBSD02

Tgt Ion: 43 Resp: 381508

Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.98

200000

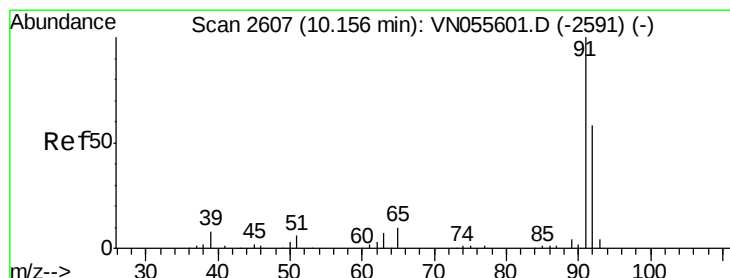
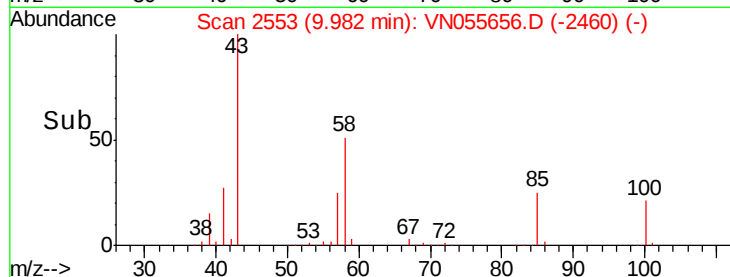
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.382 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055656.D

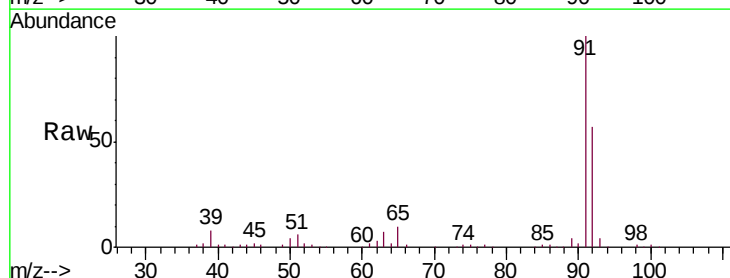
Acq: 18 May 2019 10:24

Tgt Ion: 92 Resp: 158782

Ion Ratio Lower Upper

92 100

91 175.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

10.16

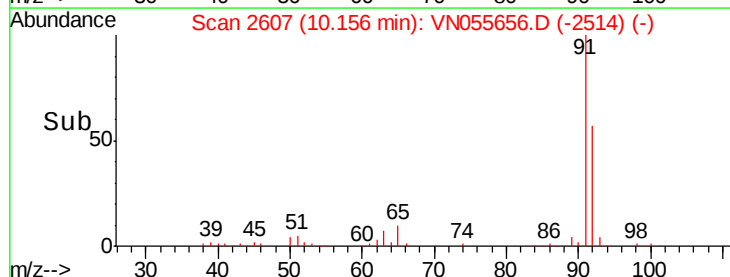
150000

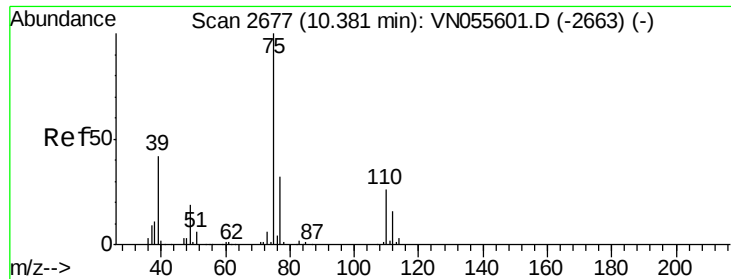
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.020 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

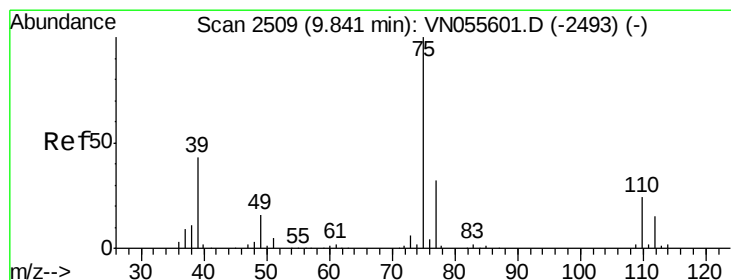
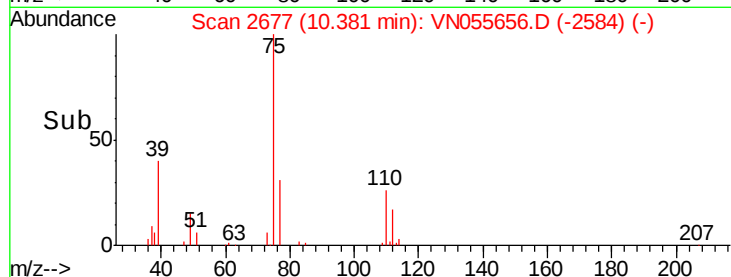
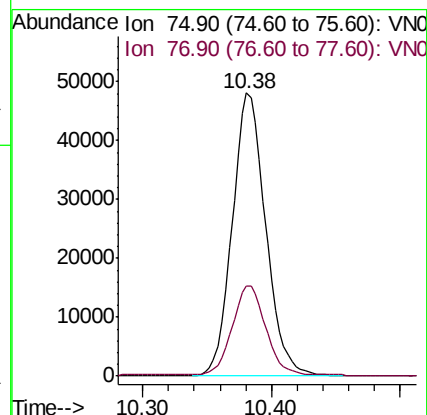
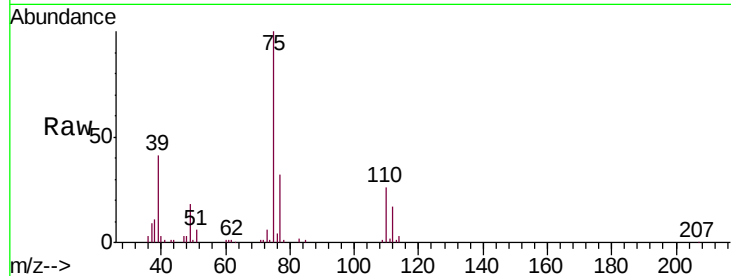
VN0517WBSD02

Tgt Ion: 75 Resp: 86462

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.035 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

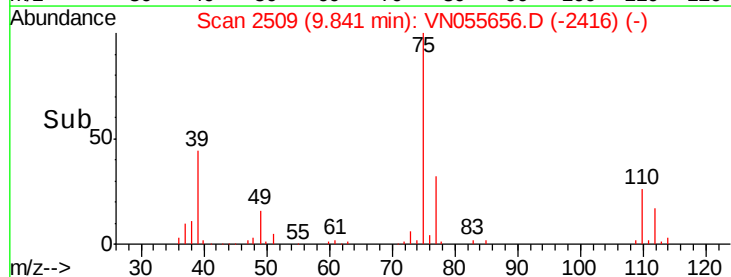
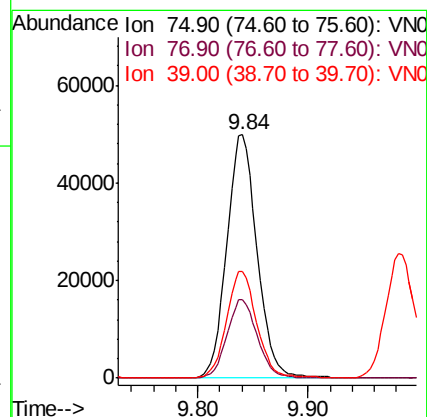
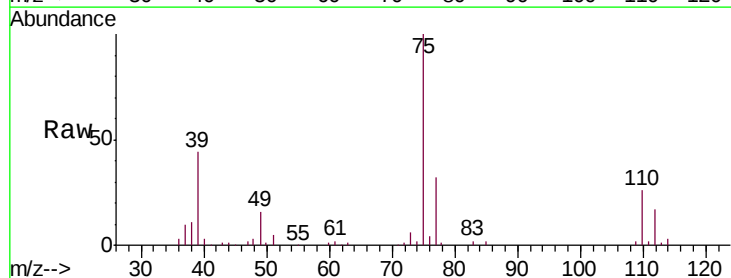
Tgt Ion: 75 Resp: 94805

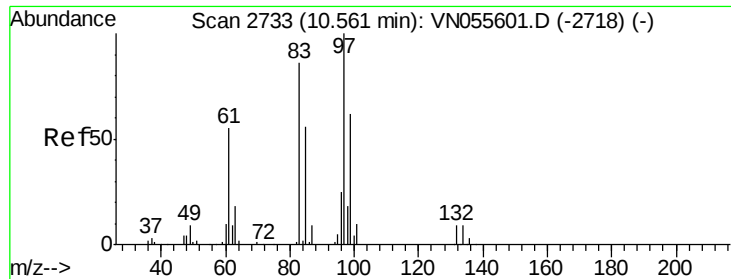
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 43.7 34.7 52.1

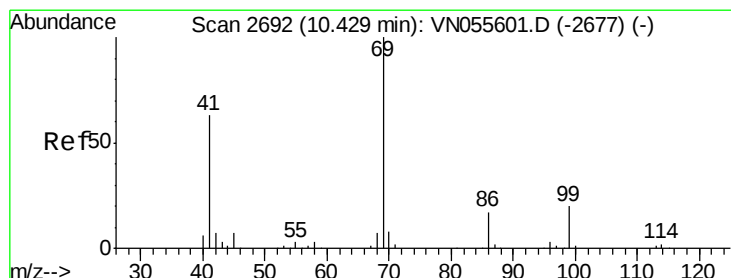
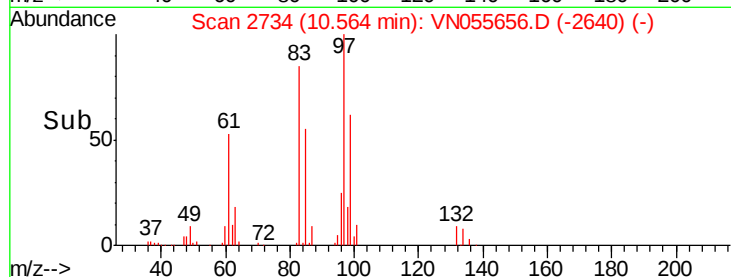
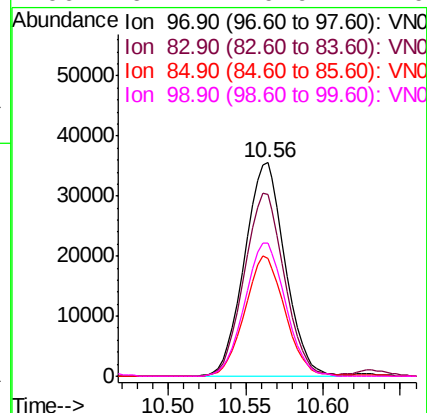
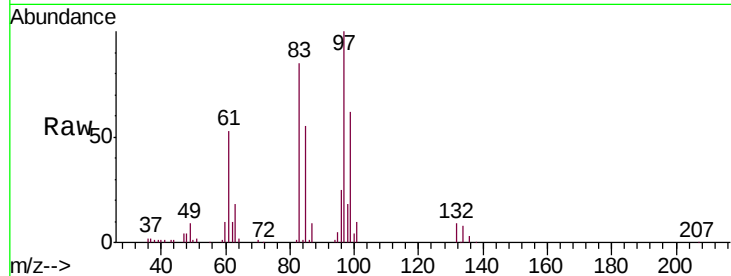




#55
 1,1,2-Trichloroethane
 Concen: 19.249 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

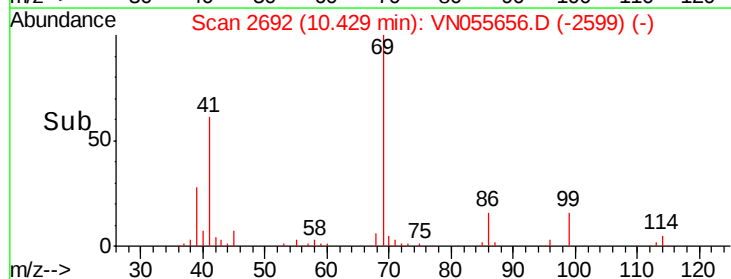
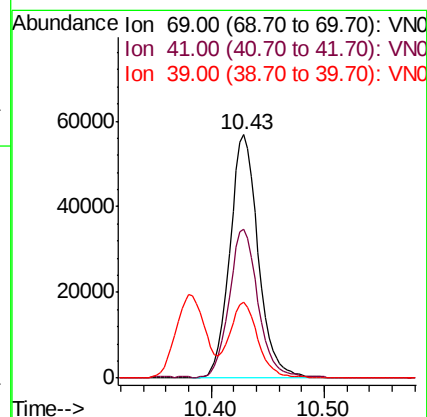
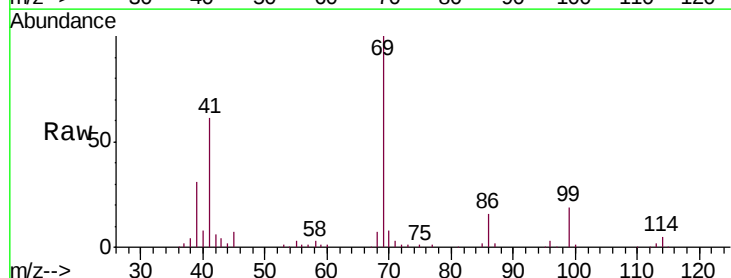
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

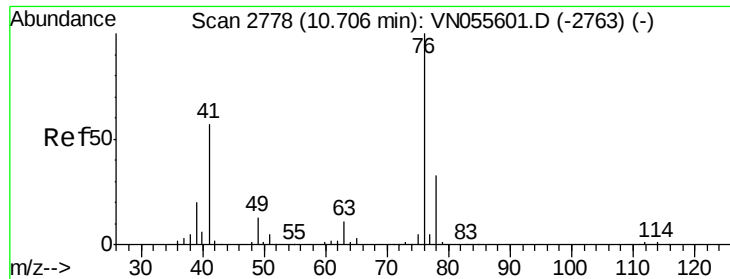
Tgt Ion: 97 Resp: 64919
 Ion Ratio Lower Upper
 97 100
 83 85.3 68.4 102.6
 85 55.4 44.8 67.2
 99 62.1 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 18.851 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 69 Resp: 99244
 Ion Ratio Lower Upper
 69 100
 41 61.5 50.3 75.5
 39 30.9 25.4 38.2

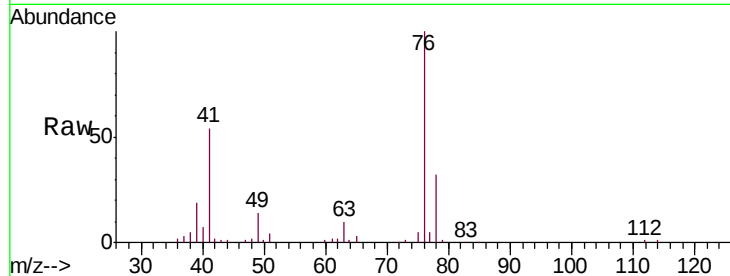




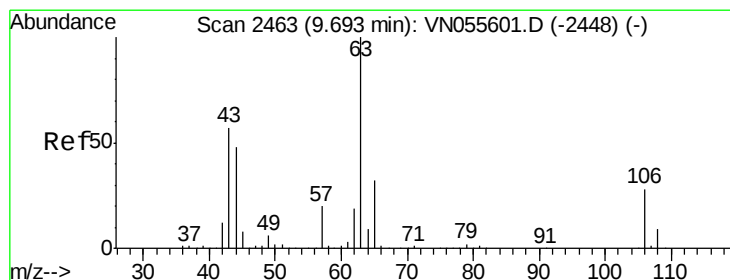
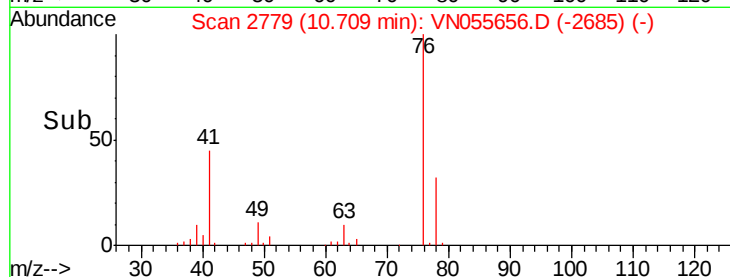
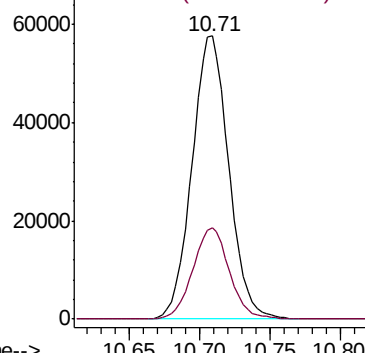
#57
 1,3-Dichloropropane
 Concen: 19.658 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

Tgt Ion: 76 Resp: 105003
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.5 39.7

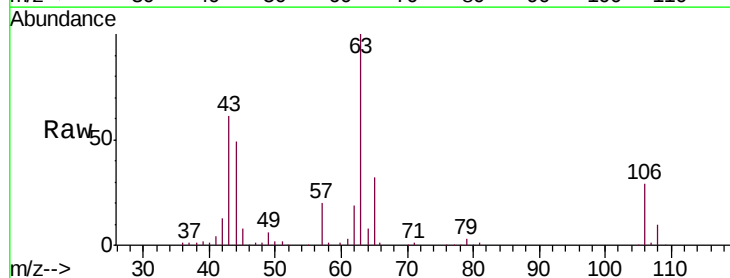


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

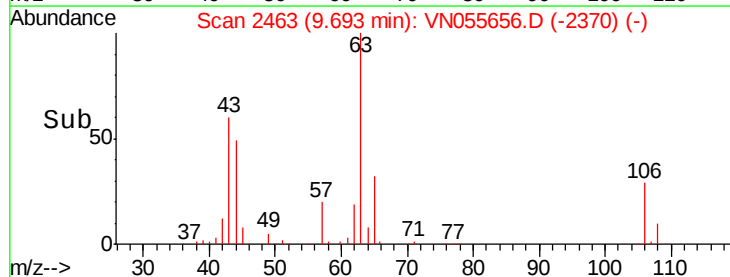
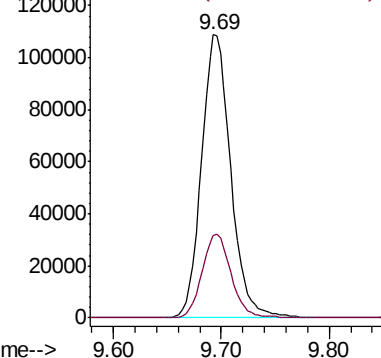


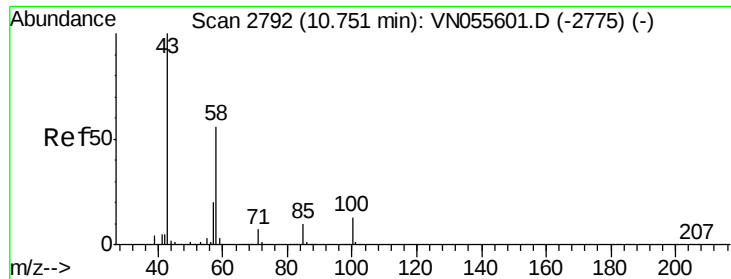
#58
 2-Chloroethyl Vinyl ether
 Concen: 91.740 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion: 63 Resp: 205220
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

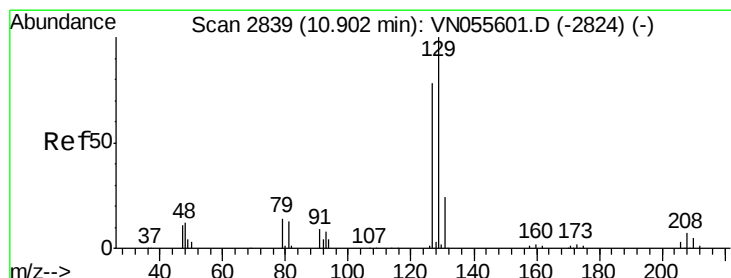
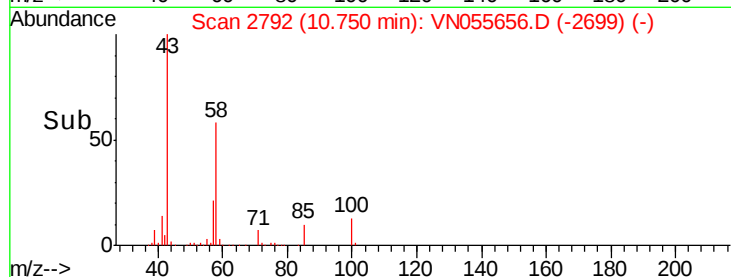
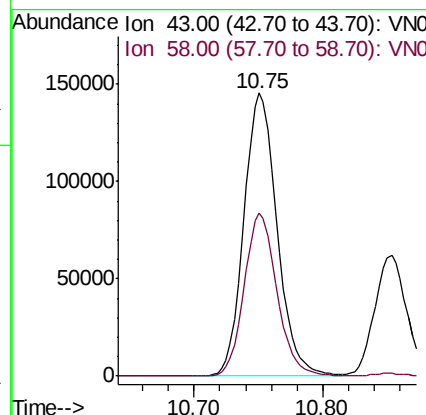
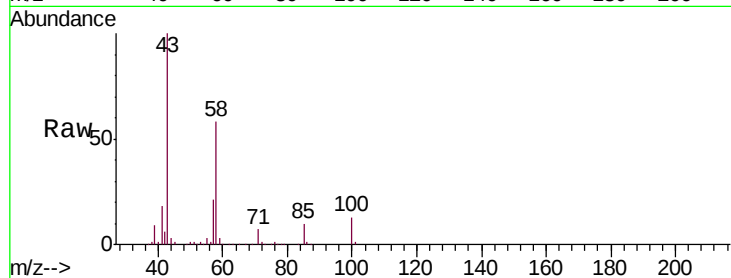




#59
2-Hexanone
Concen: 89.985 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

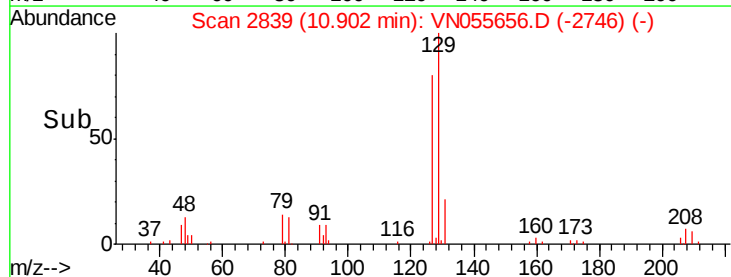
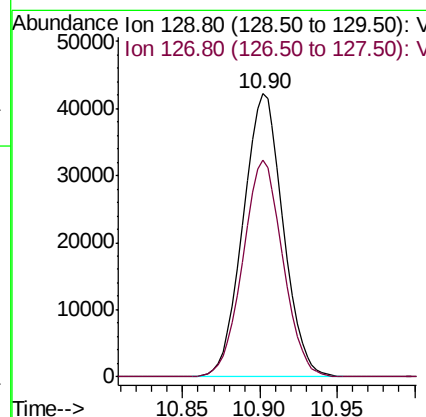
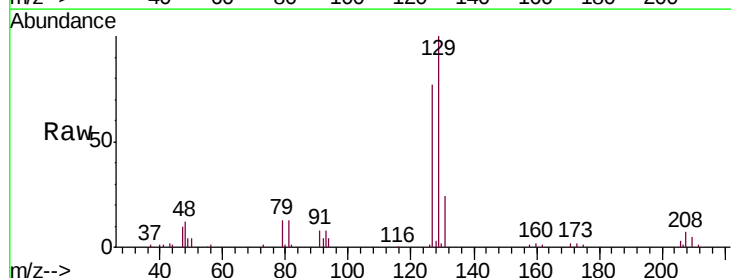
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

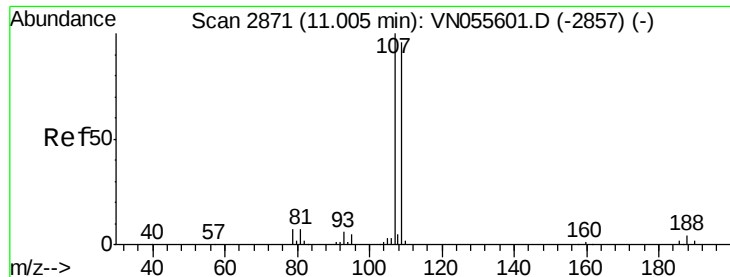
Tgt Ion: 43 Resp: 259035
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.4



#60
Dibromochloromethane
Concen: 19.861 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 129 Resp: 75917
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.650 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

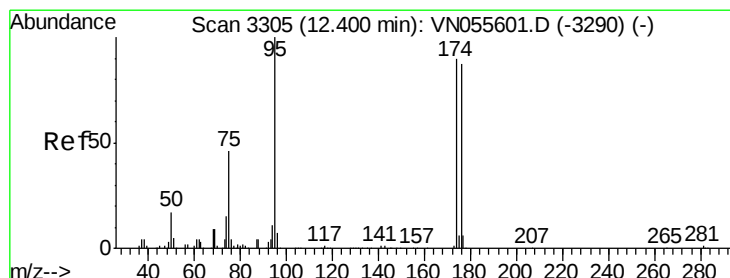
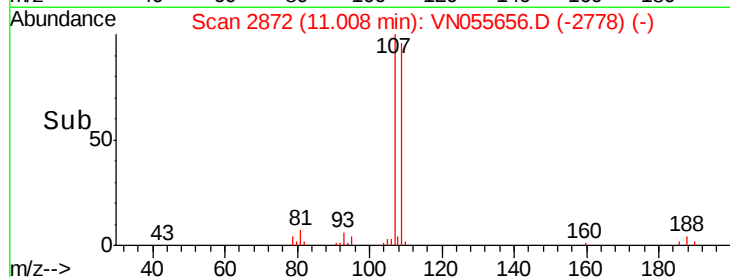
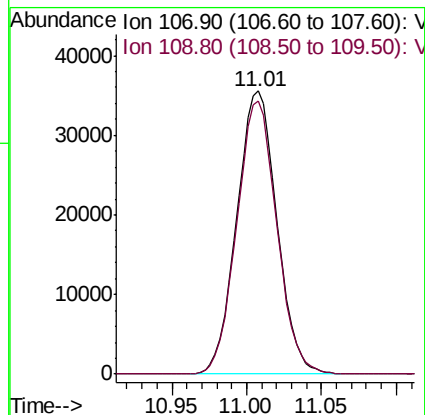
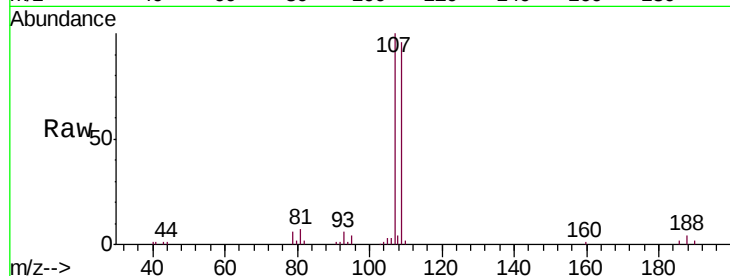
VN0517WBSD02

Tgt Ion:107 Resp: 66307

Ion Ratio Lower Upper

107 100

109 96.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

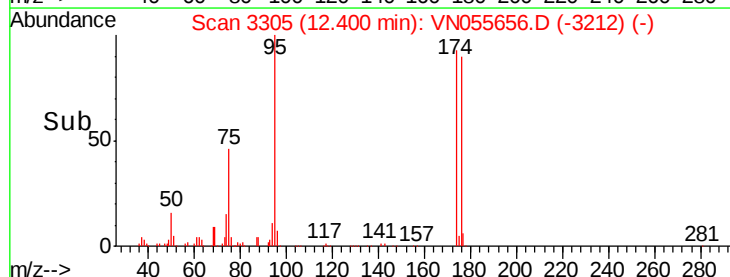
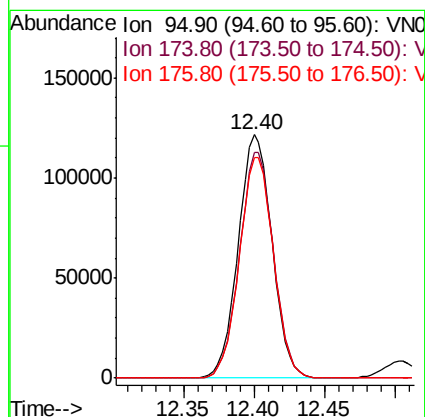
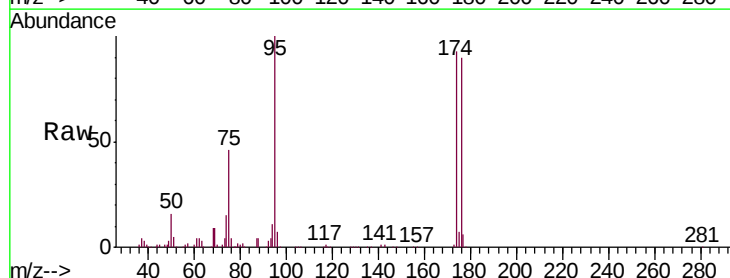
Tgt Ion: 95 Resp: 204581

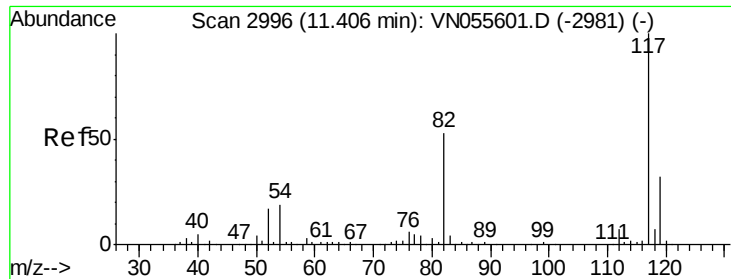
Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.6

176 91.3 0.0 177.4

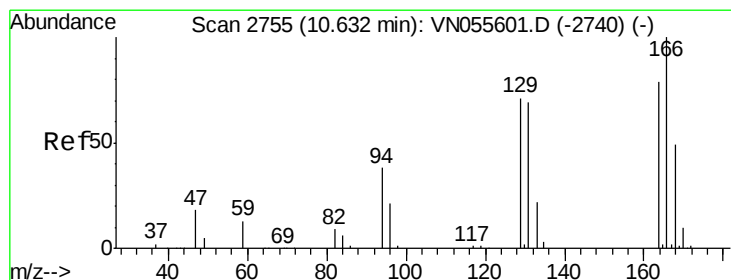
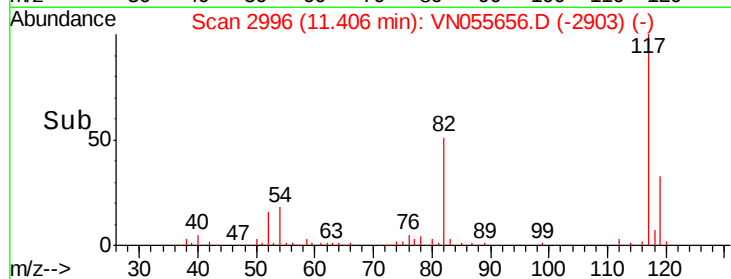
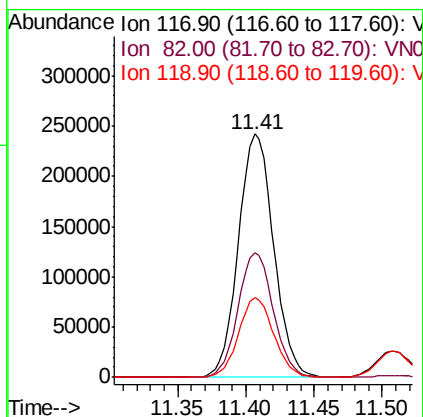
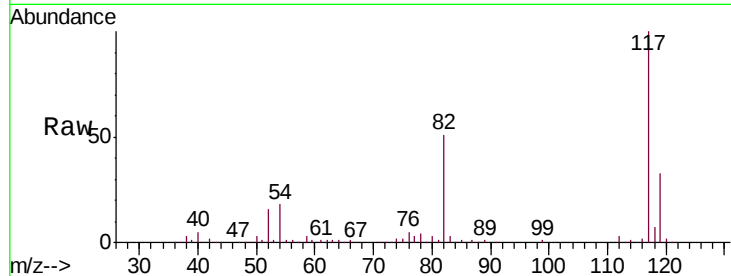




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

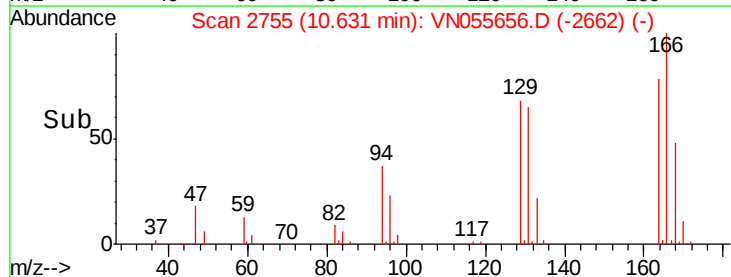
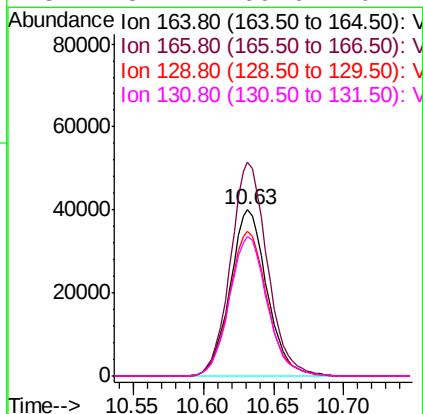
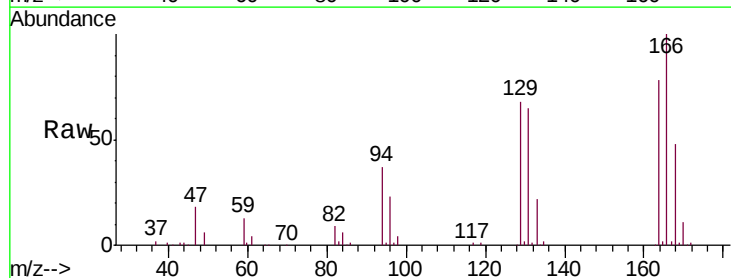
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

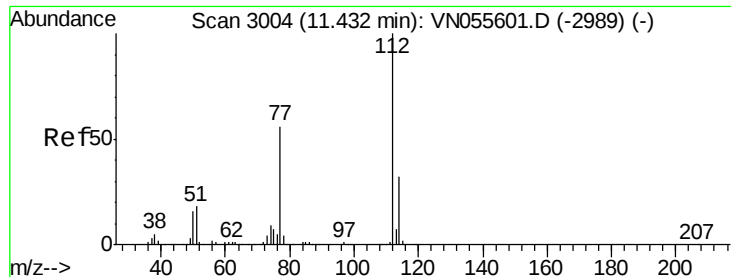
Tgt Ion:117 Resp: 435258
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 21.322 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:164 Resp: 73198
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 87.3 71.7 107.5
131 84.1 69.6 104.4

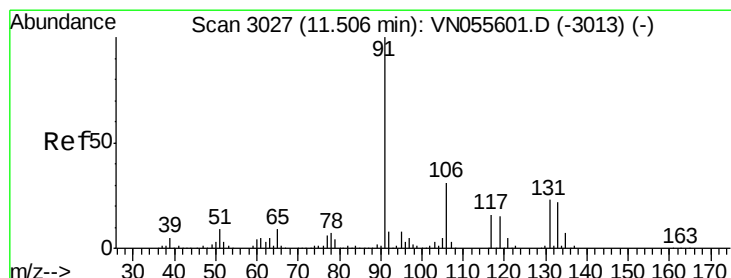
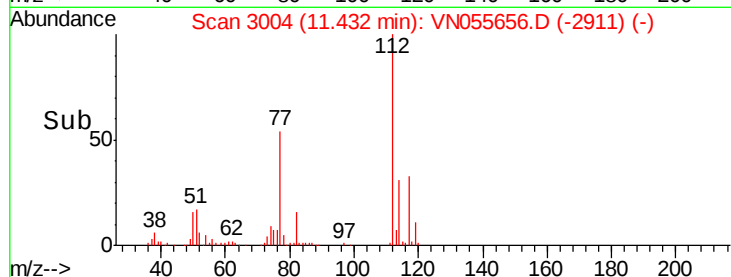
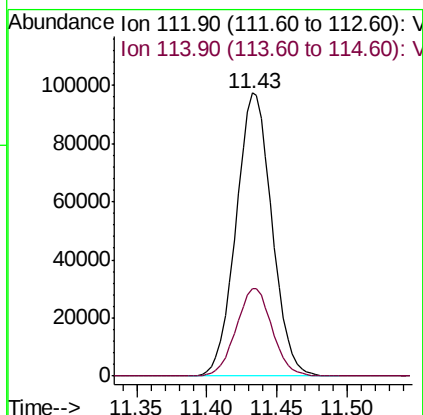
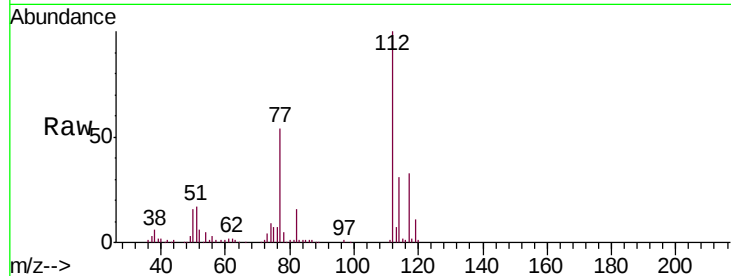




#65
Chlorobenzene
Concen: 19.718 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

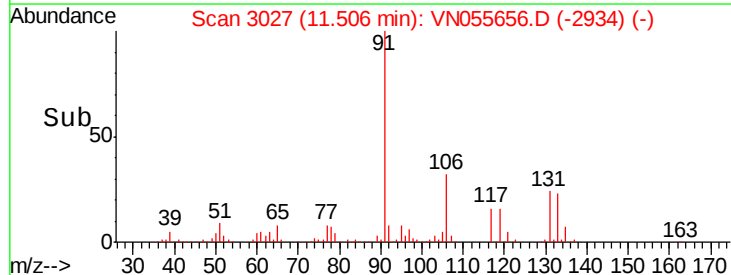
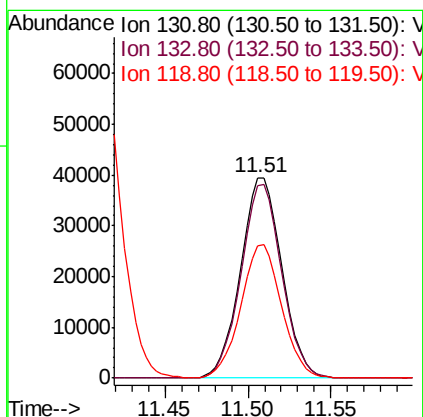
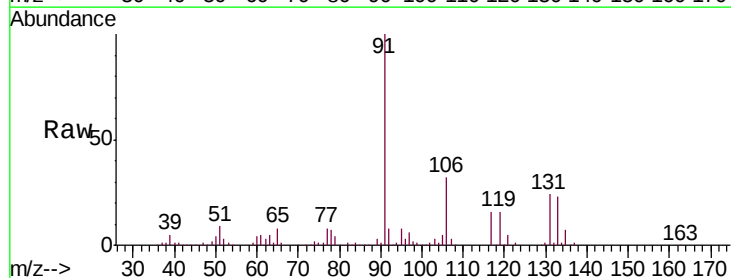
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

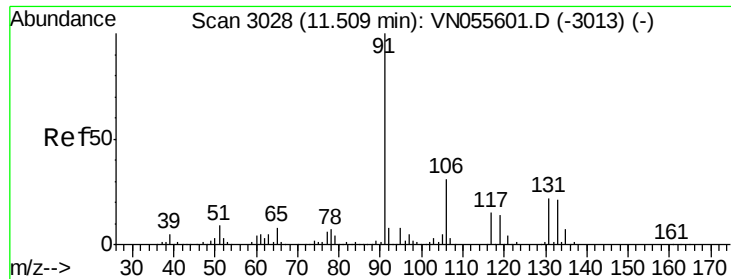
Tgt Ion:112 Resp: 173590
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.301 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:131 Resp: 68357
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 66.0 33.3 99.8

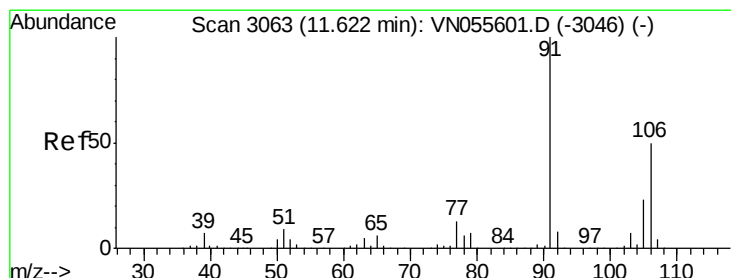
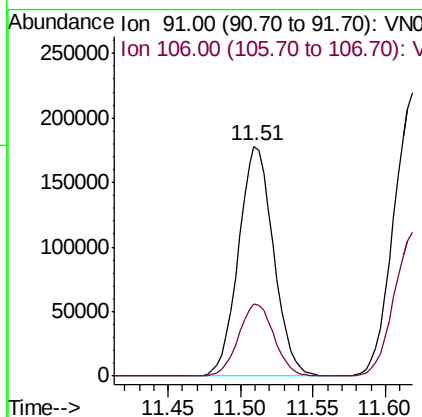
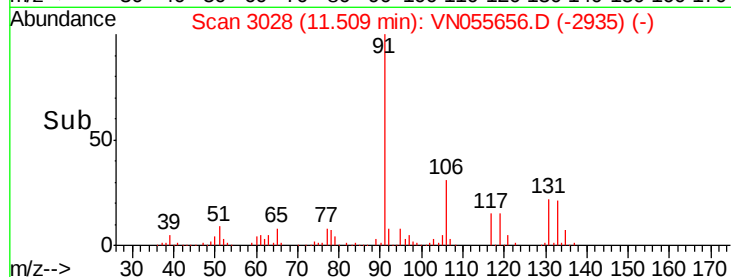
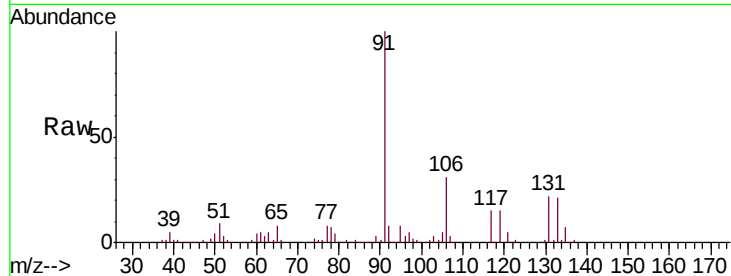




#67
Ethyl Benzene
Concen: 19.040 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

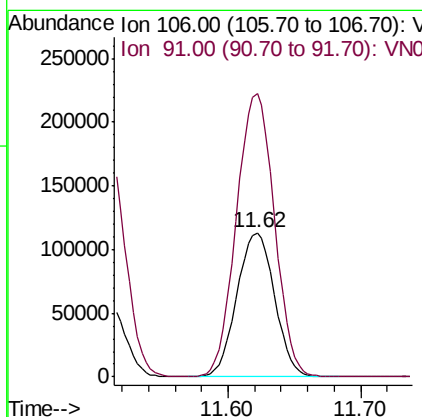
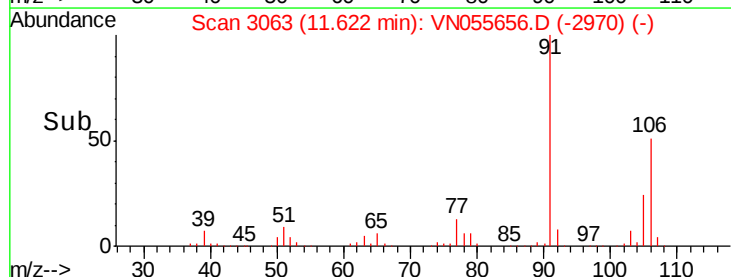
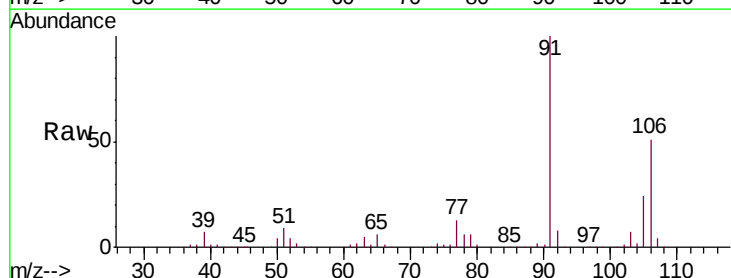
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

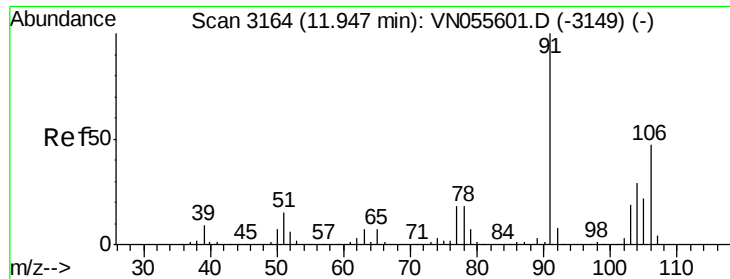
Tgt Ion: 91 Resp: 298597
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 37.813 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 106 Resp: 223948
Ion Ratio Lower Upper
106 100
91 198.2 160.5 240.7

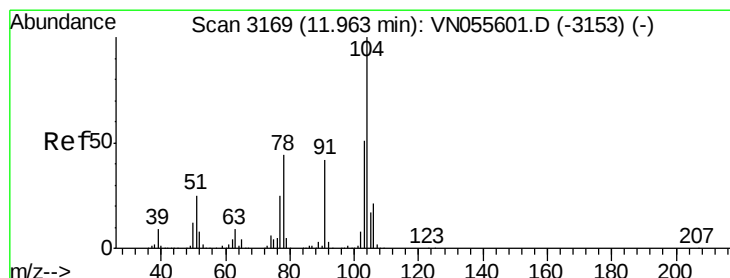
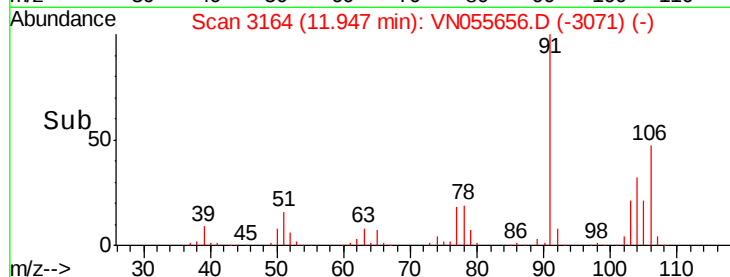
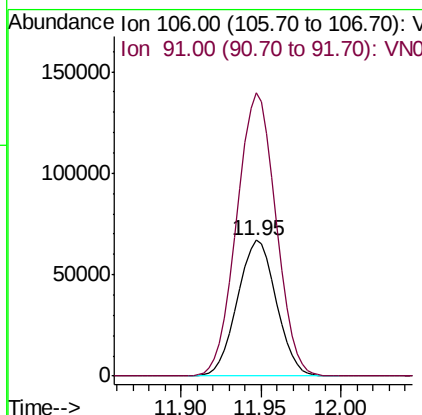
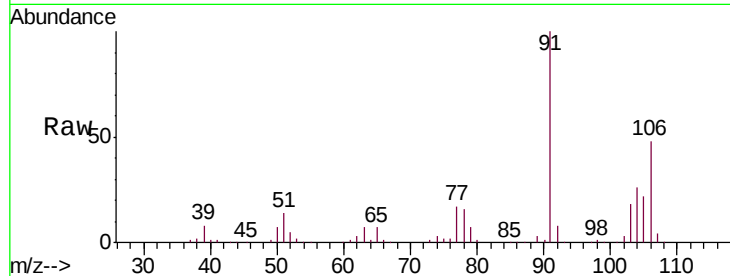




#69
o-Xylene
Concen: 19.223 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

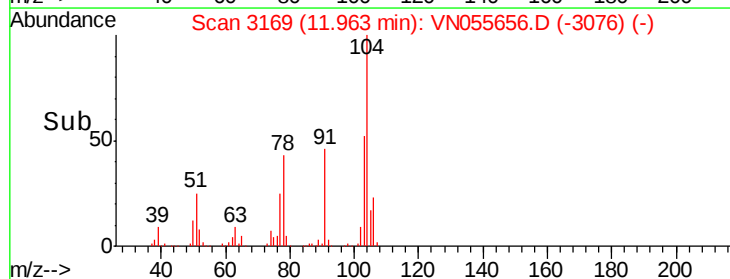
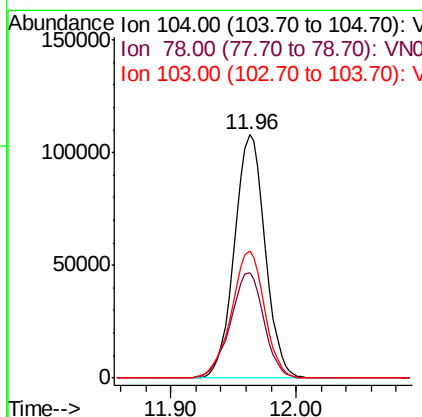
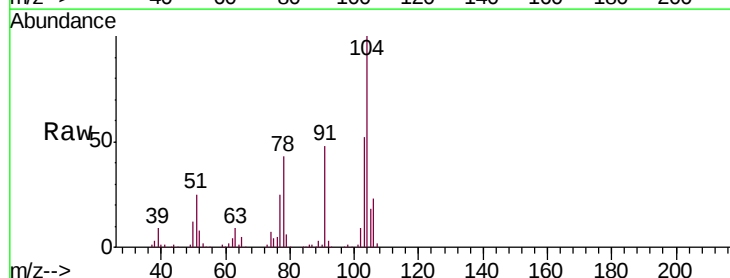
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

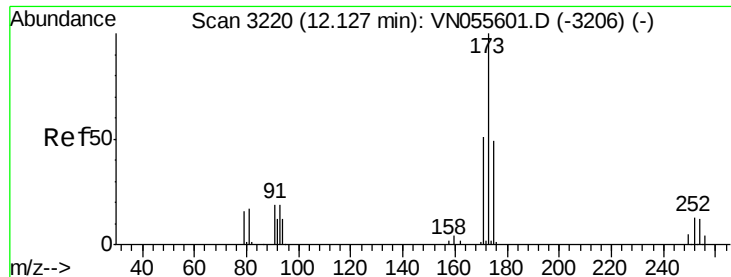
Tgt Ion:106 Resp: 111349
Ion Ratio Lower Upper
106 100
91 209.2 106.7 320.2



#70
Styrene
Concen: 19.081 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:104 Resp: 183776
Ion Ratio Lower Upper
104 100
78 47.0 38.6 58.0
103 56.1 44.4 66.6

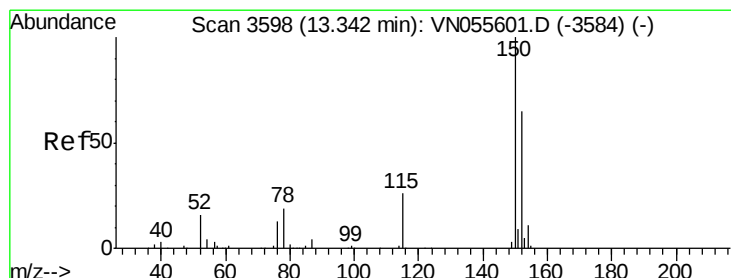
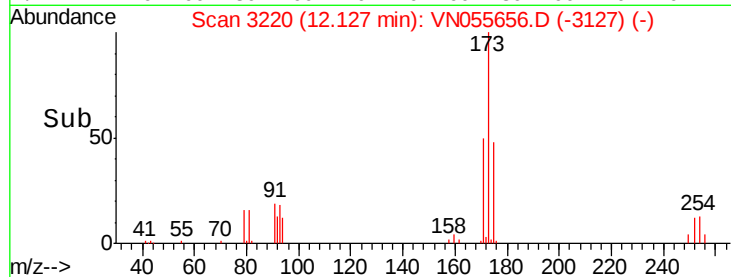
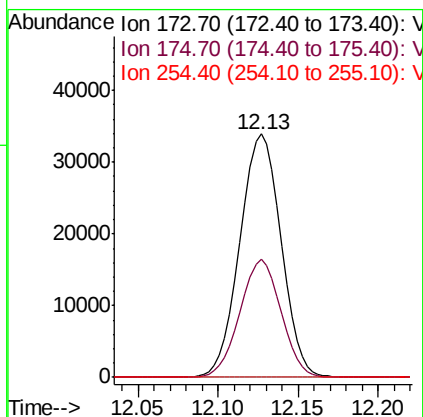
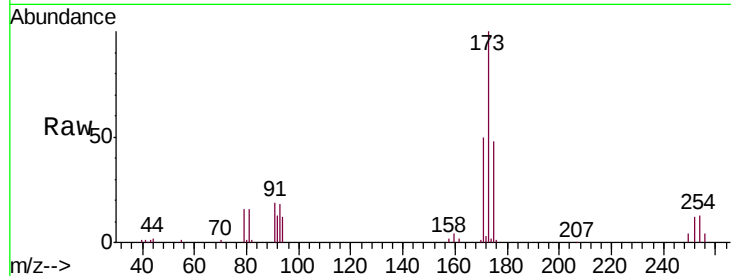




#71
Bromoform
Concen: 19.870 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

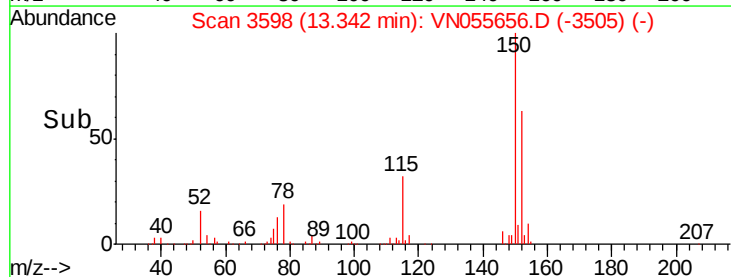
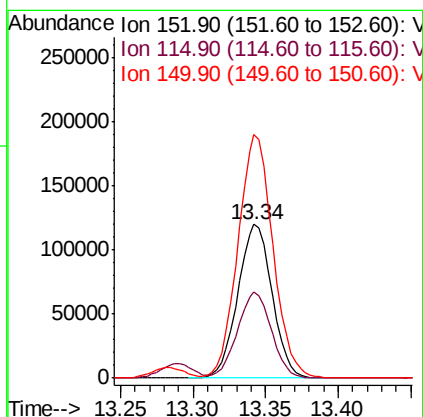
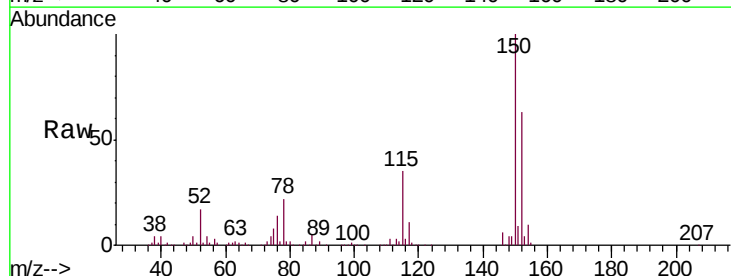
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

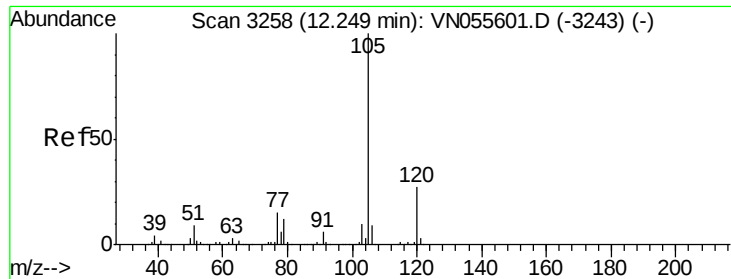
Tgt Ion:173 Resp: 59637
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:152 Resp: 196702
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 162.1 0.0 348.0





#73

Isopropylbenzene

Concen: 19.742 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

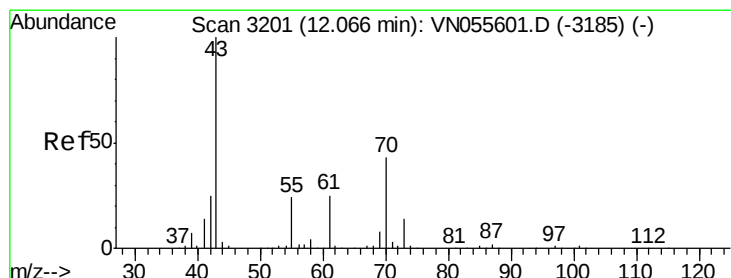
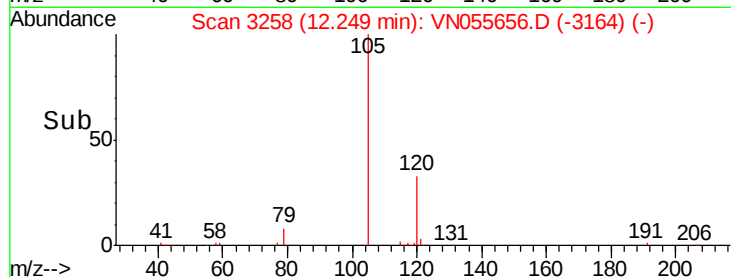
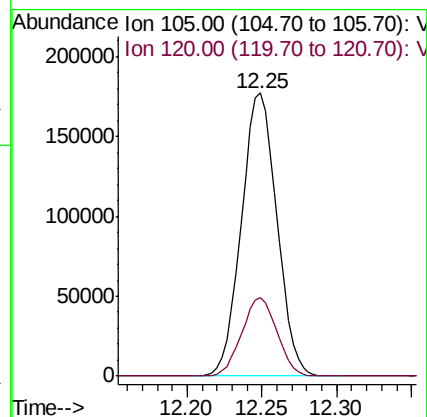
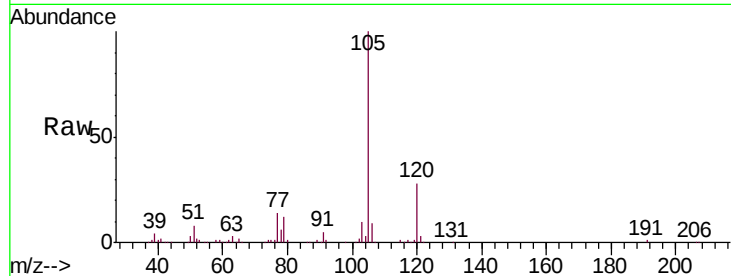
VN0517WBSD02

Tgt Ion:105 Resp: 292633

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 18.057 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Tgt Ion: 43 Resp: 99737

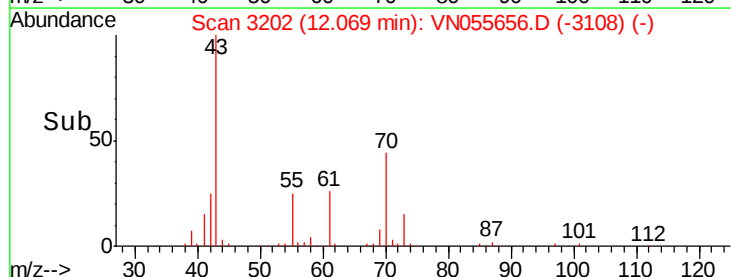
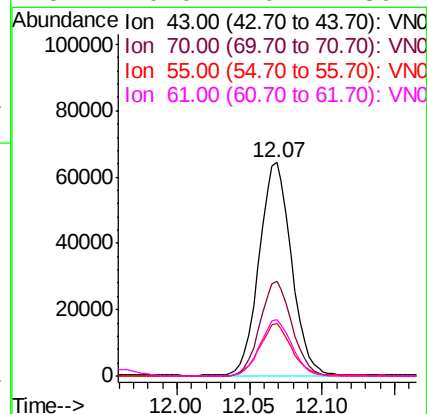
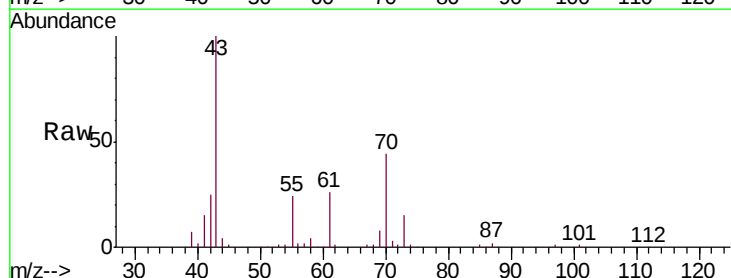
Ion Ratio Lower Upper

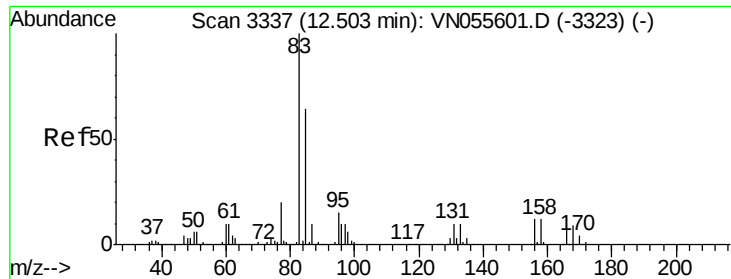
43 100

70 44.3 35.0 52.6

55 24.9 18.9 28.3

61 26.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.495 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

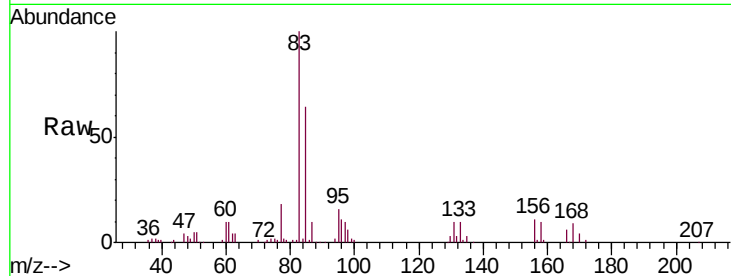
Tgt Ion: 83 Resp: 89324

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

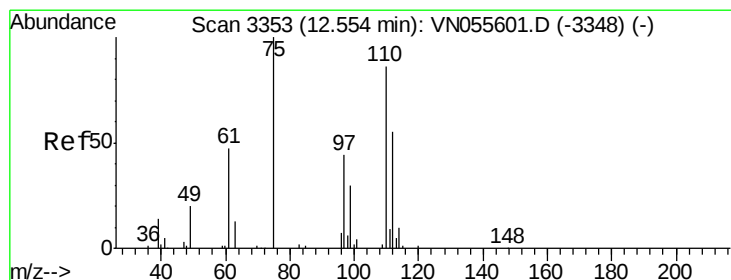
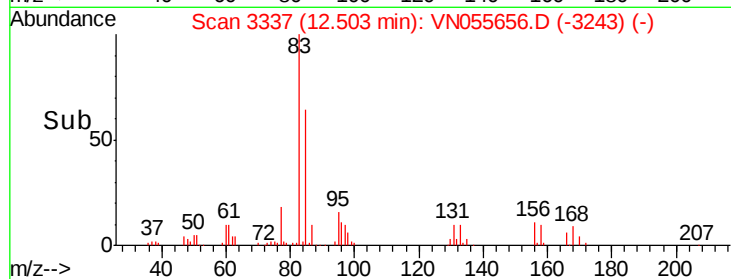
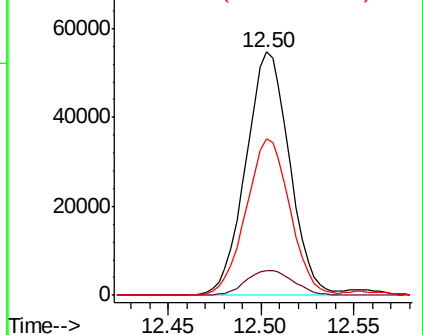
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.660 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055656.D

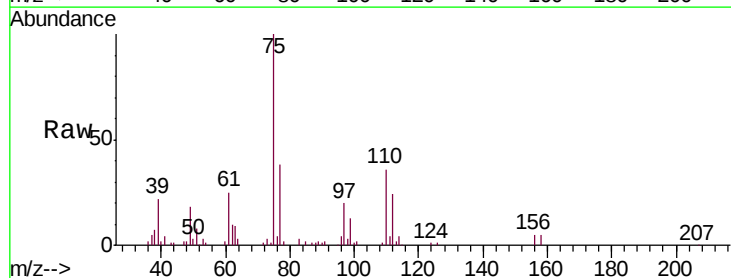
Acq: 18 May 2019 10:24

Tgt Ion: 75 Resp: 102994

Ion Ratio Lower Upper

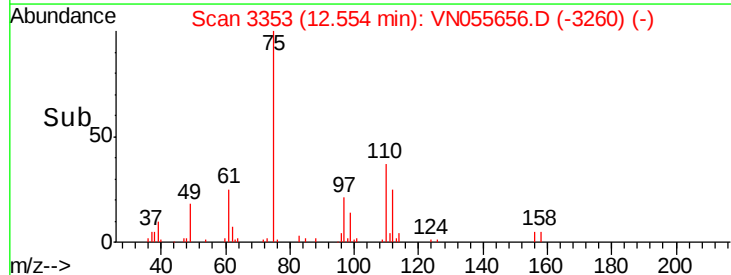
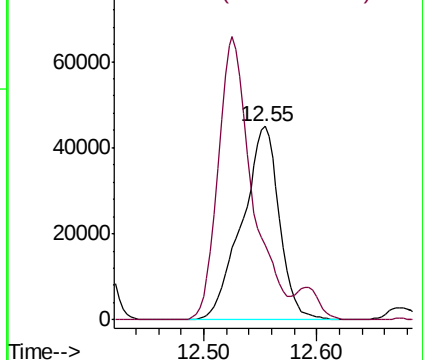
75 100

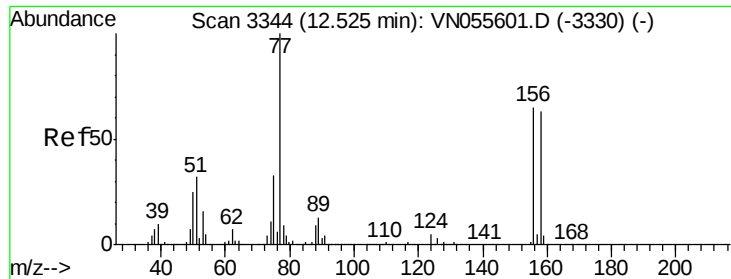
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.484 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

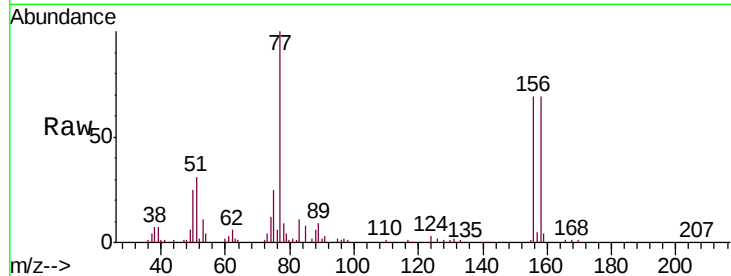
Tgt Ion:156 Resp: 78710

Ion Ratio Lower Upper

156 100

77 174.7 94.5 283.5

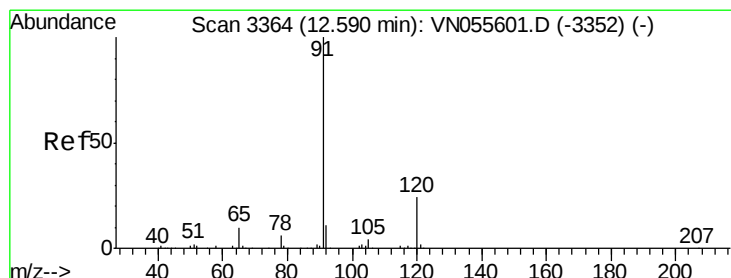
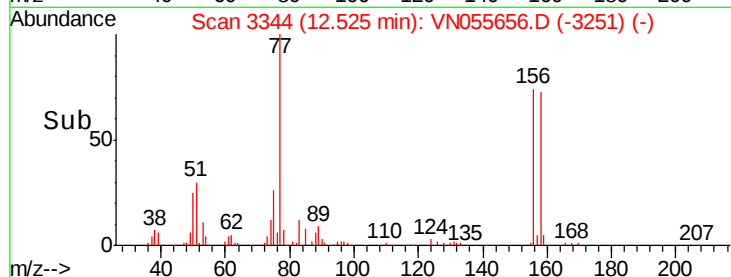
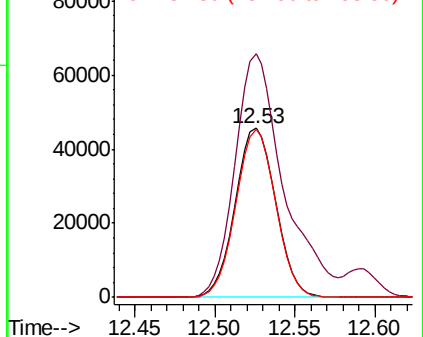
158 97.6 49.0 147.2



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: 17.784 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055656.D

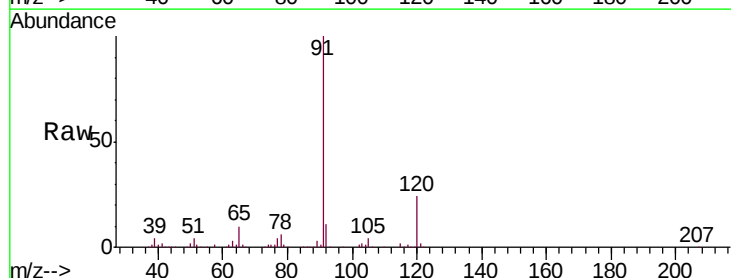
Acq: 18 May 2019 10:24

Tgt Ion: 91 Resp: 310640

Ion Ratio Lower Upper

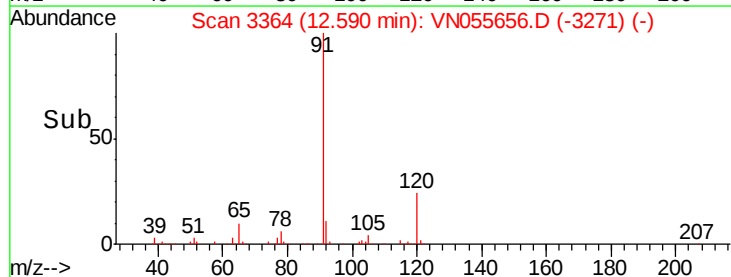
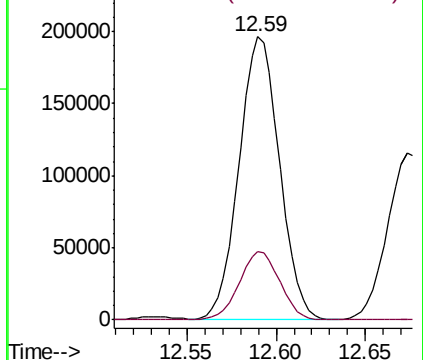
91 100

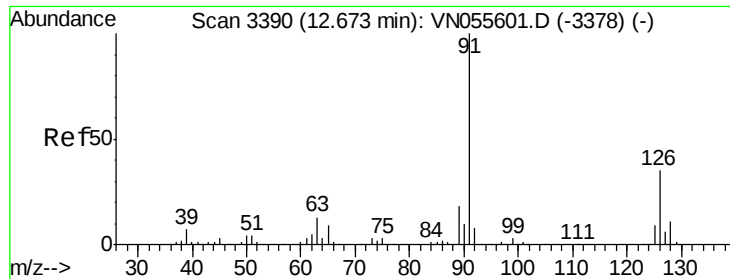
120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.356 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

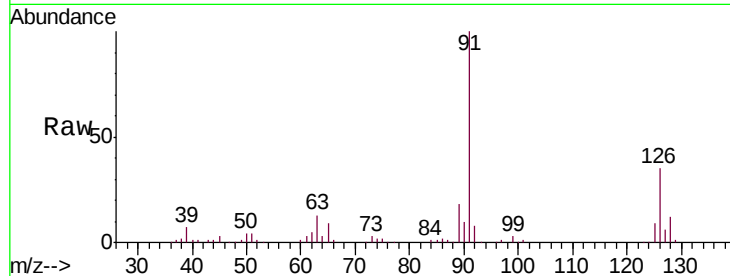
VN0517WBSD02

Tgt Ion: 91 Resp: 190582

Ion Ratio Lower Upper

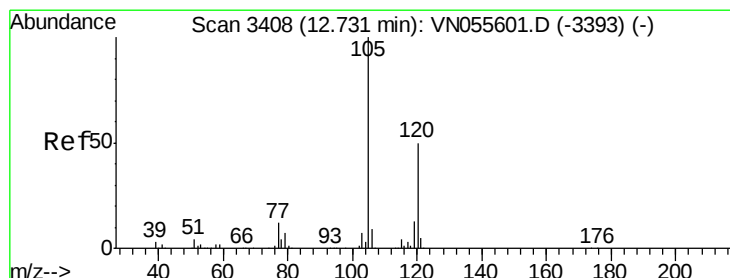
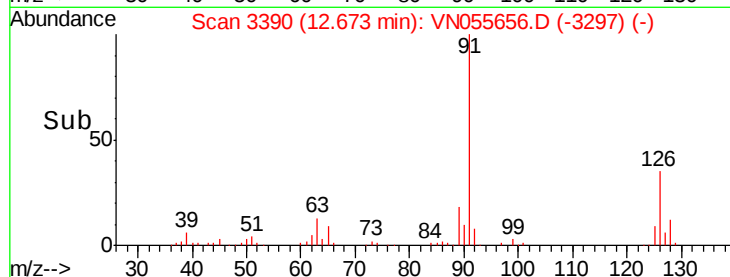
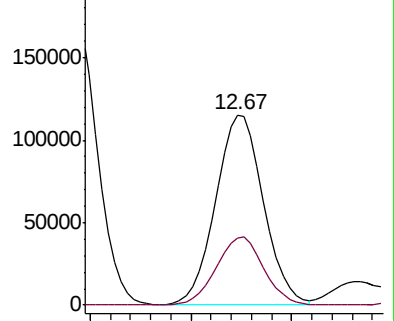
91 100

126 35.8 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055601.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.133 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055656.D

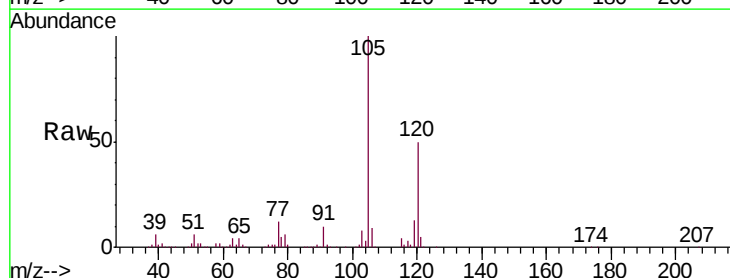
Acq: 18 May 2019 10:24

Tgt Ion: 105 Resp: 240477

Ion Ratio Lower Upper

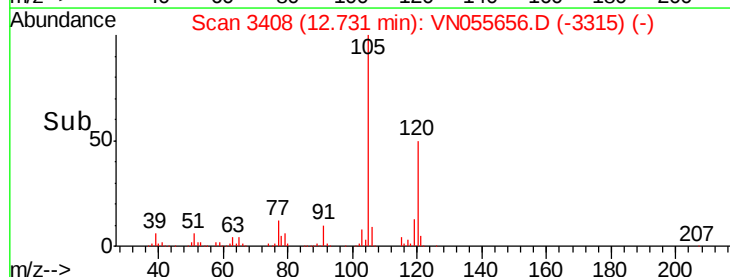
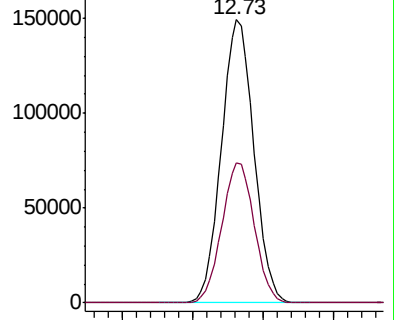
105 100

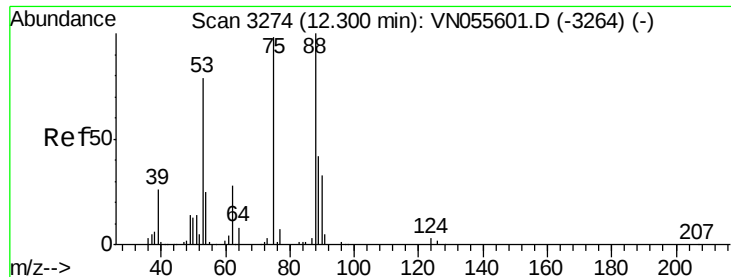
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055601.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN055601.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 13.328 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

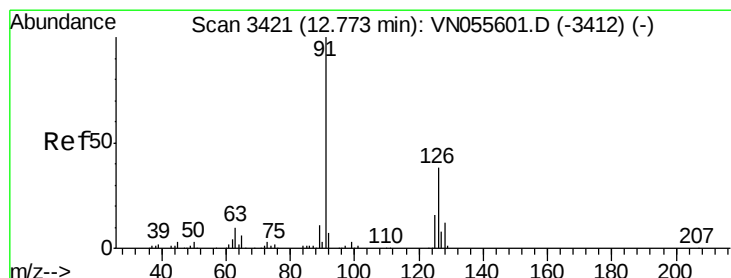
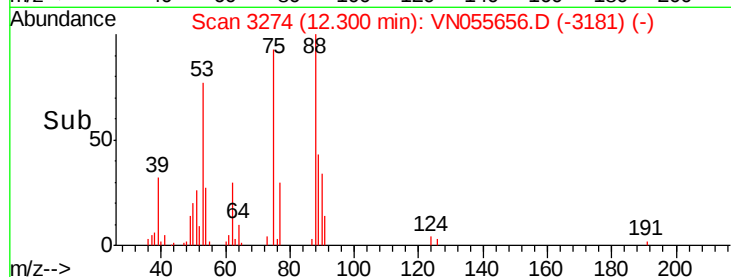
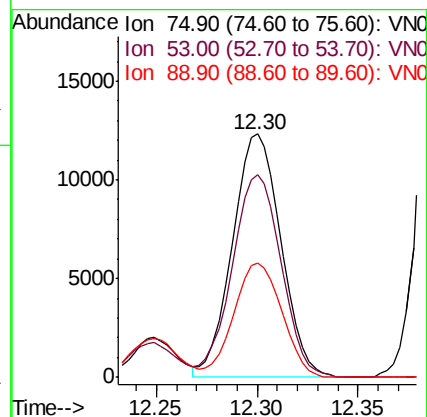
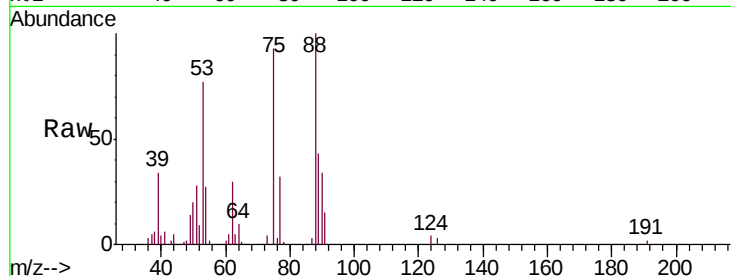
Tgt Ion: 75 Resp: 20810

Ion Ratio Lower Upper

75 100

53 84.2 65.1 97.7

89 46.6 36.4 54.6



#82

4-Chlorotoluene

Concen: 18.187 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055656.D

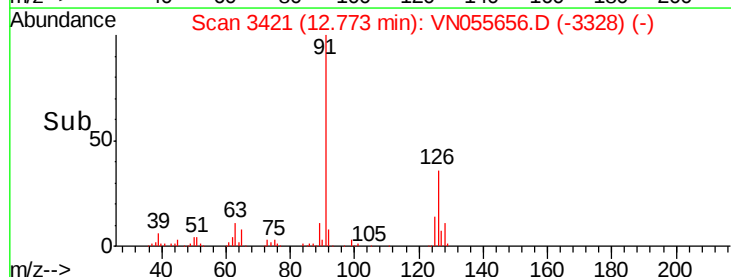
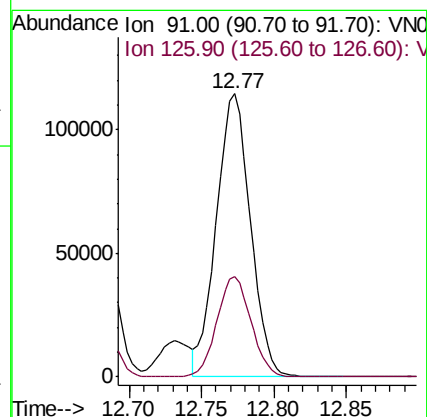
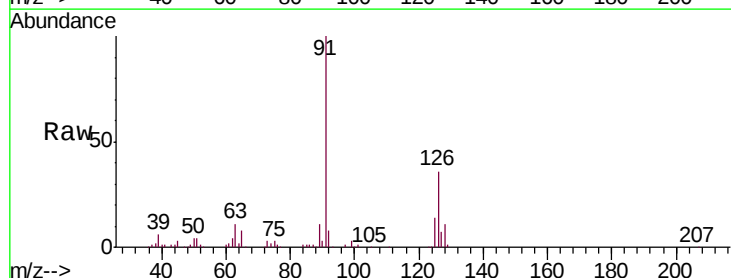
Acq: 18 May 2019 10:24

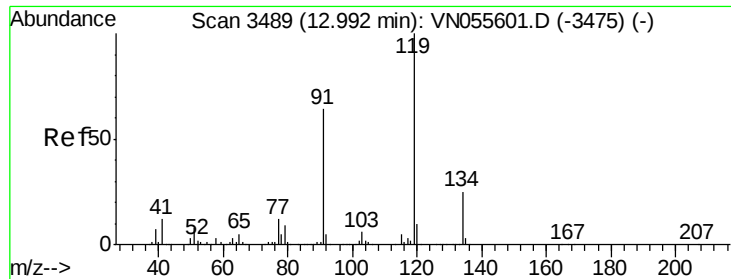
Tgt Ion: 91 Resp: 187185

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6

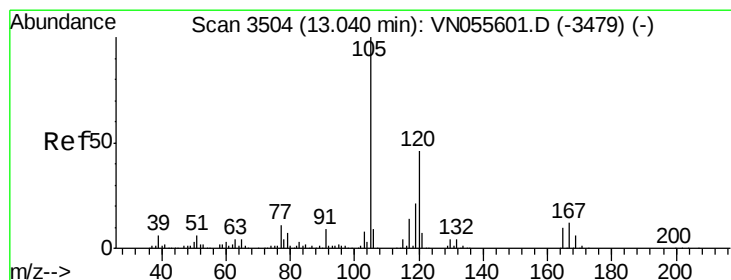
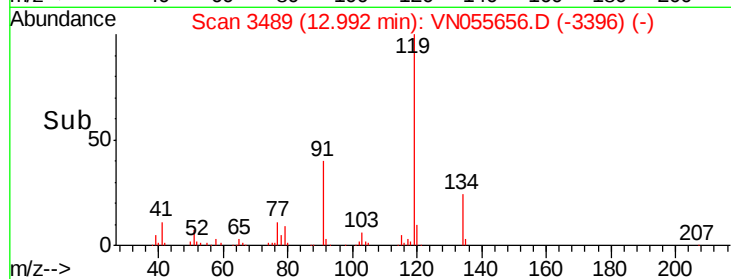
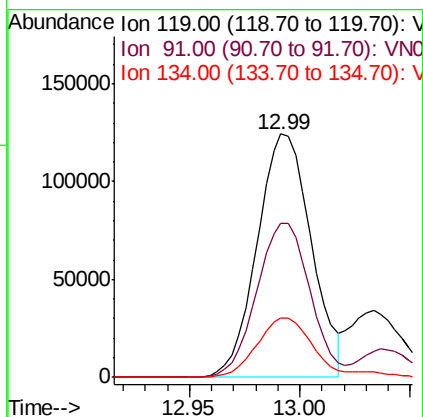
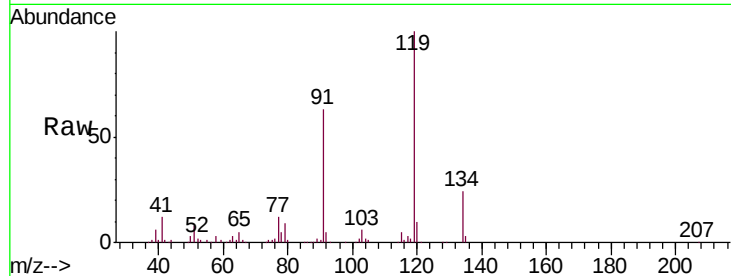




#83
tert-Butylbenzene
Concen: 19.403 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

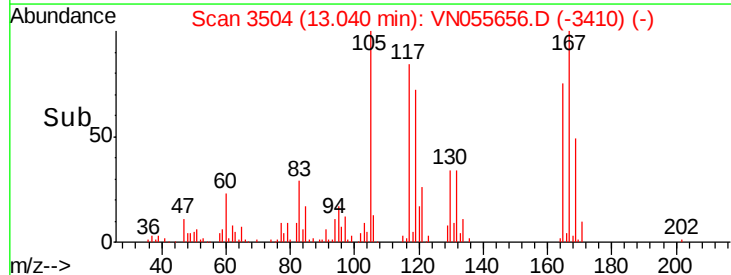
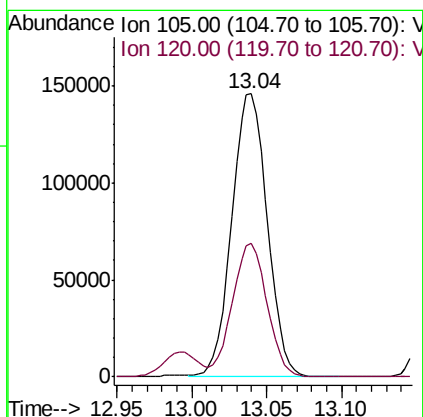
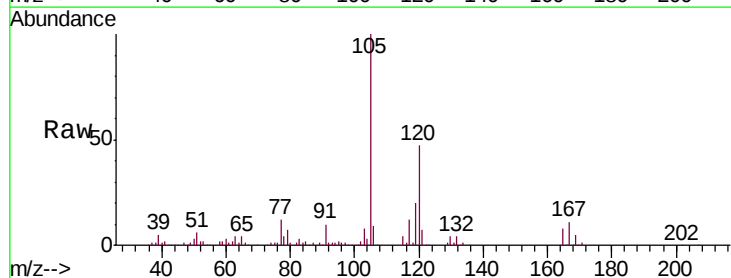
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

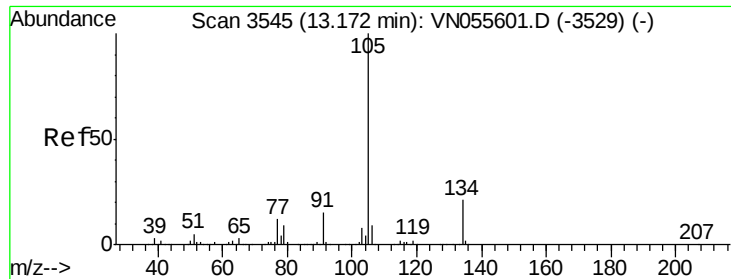
Tgt Ion:119 Resp: 211134
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.8
134 24.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.404 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion:105 Resp: 241040
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2

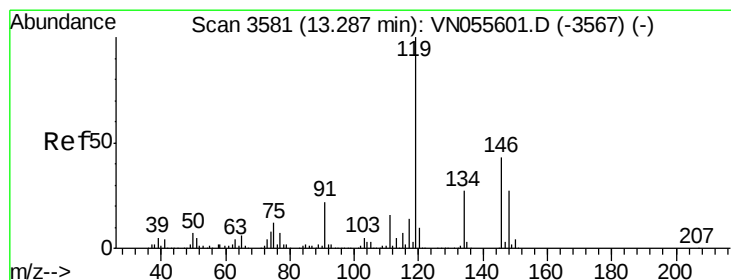
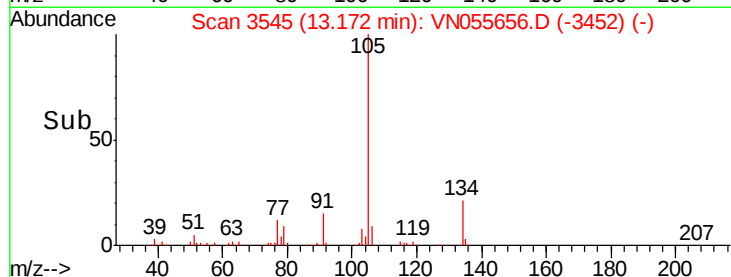
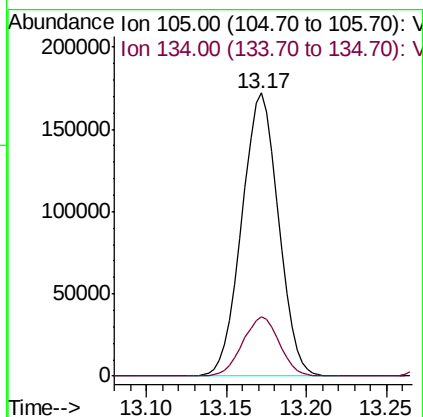
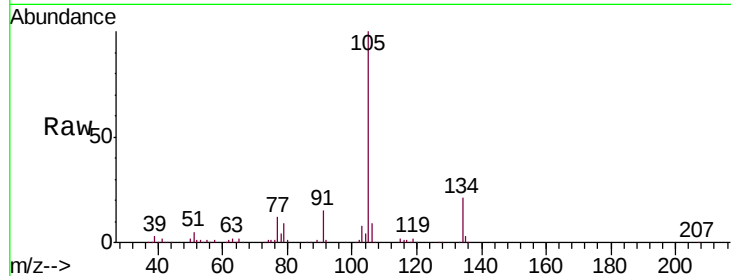




#85
 sec-Butylbenzene
 Concen: 19.170 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

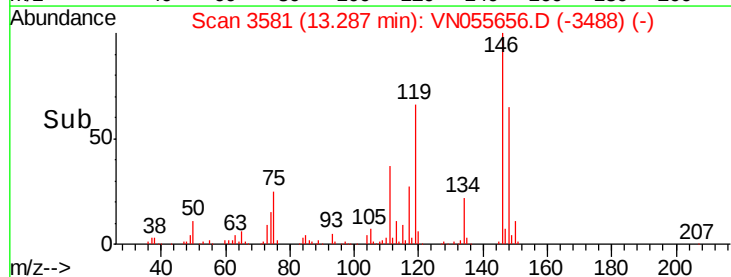
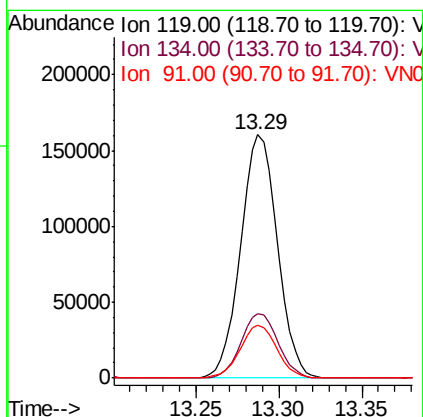
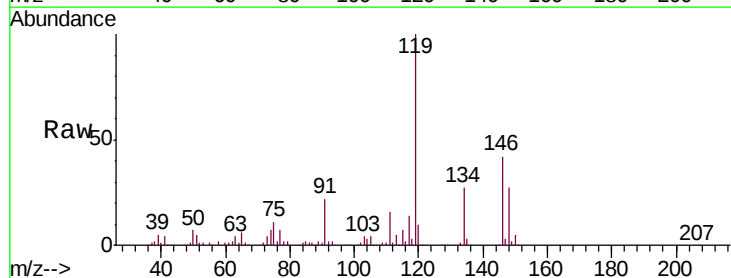
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

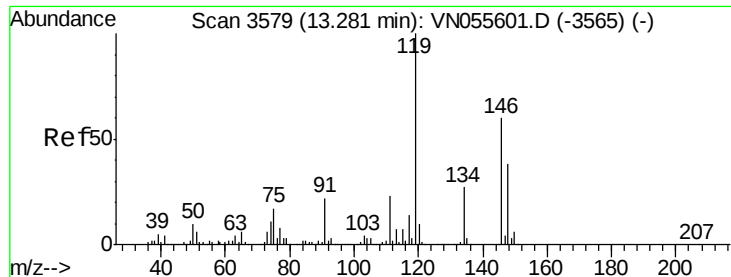
Tgt Ion:105 Resp: 269434
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.092 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion:119 Resp: 246979
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 21.4 11.0 33.0

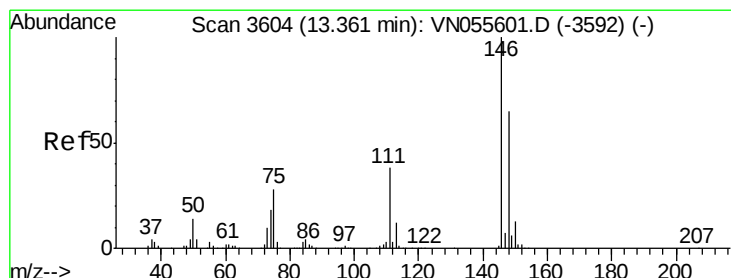
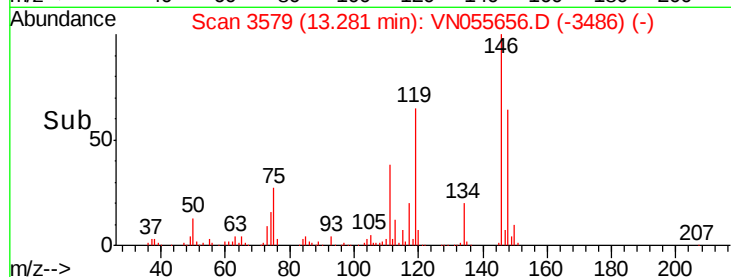
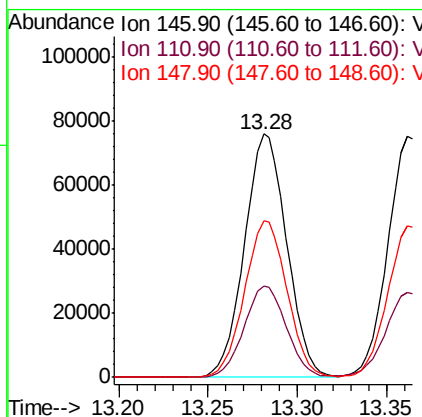
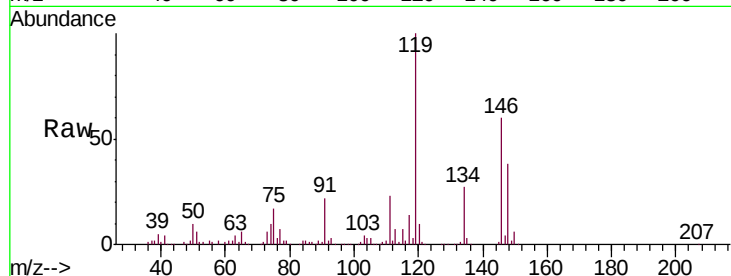




#87
 1,3-Dichlorobenzene
 Concen: 18.812 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

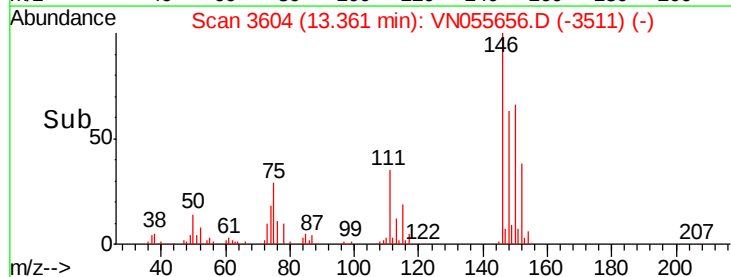
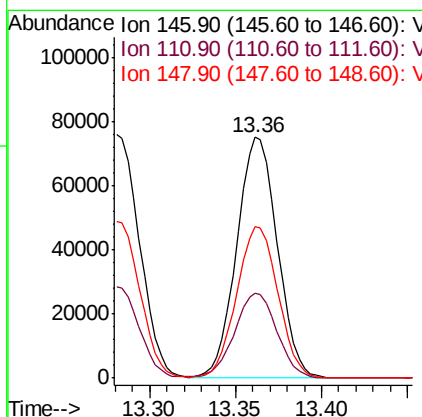
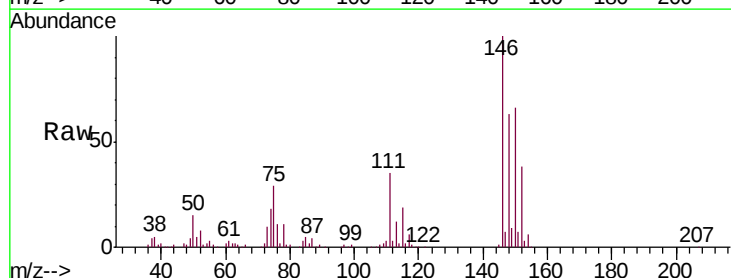
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD02

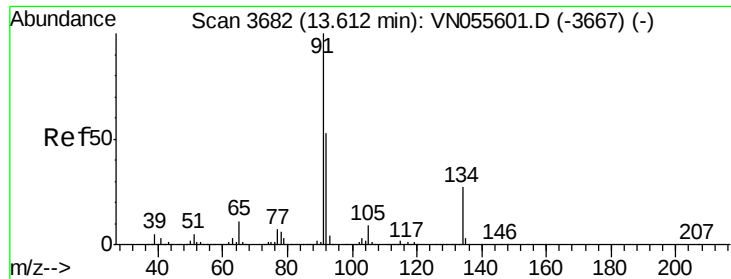
Tgt Ion:146 Resp: 125652
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.5 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 19.277 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055656.D
 Acq: 18 May 2019 10:24

Tgt Ion:146 Resp: 122938
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.8 56.4
 148 64.2 32.4 97.0

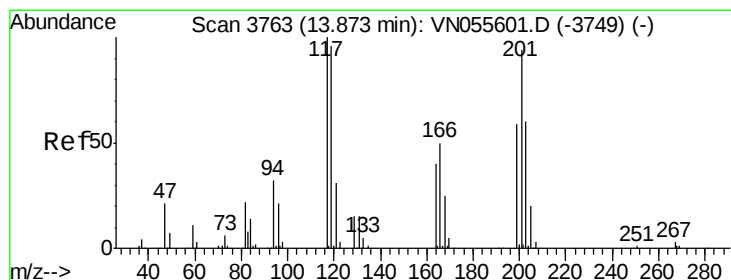
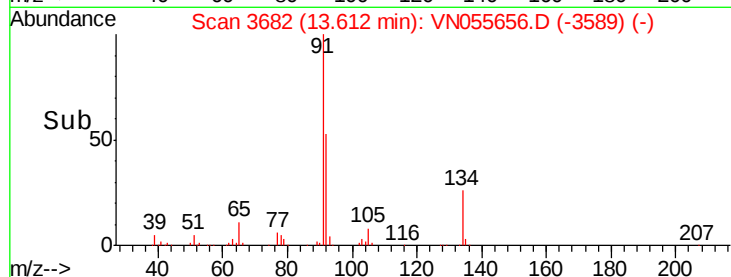
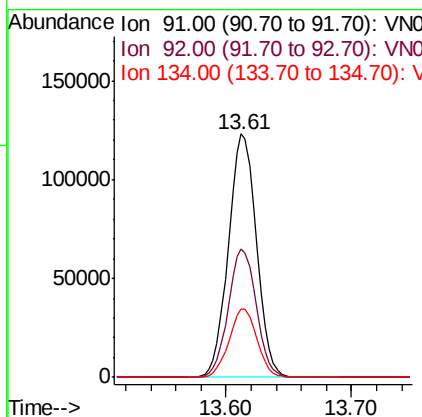
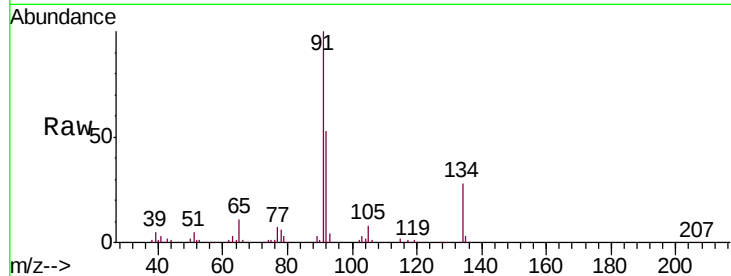




#89
n-Butylbenzene
Concen: 17.672 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

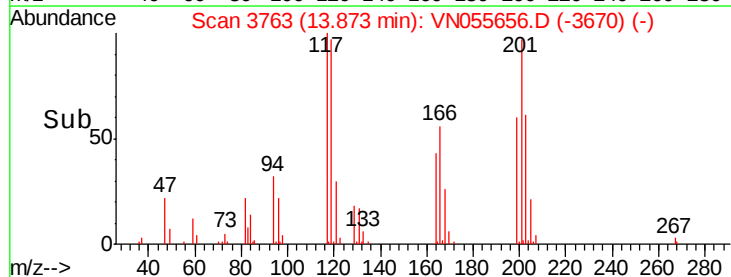
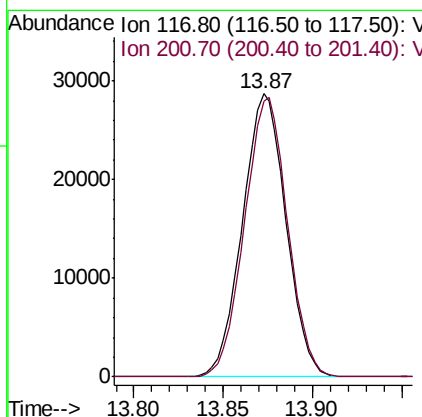
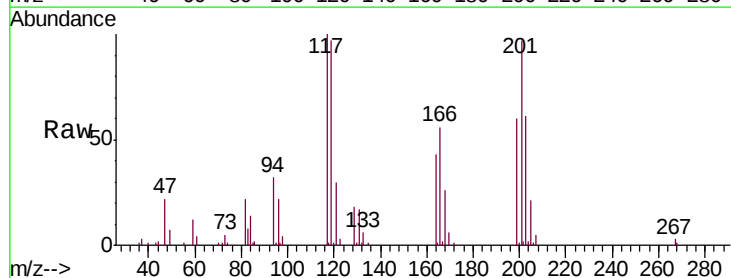
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD02

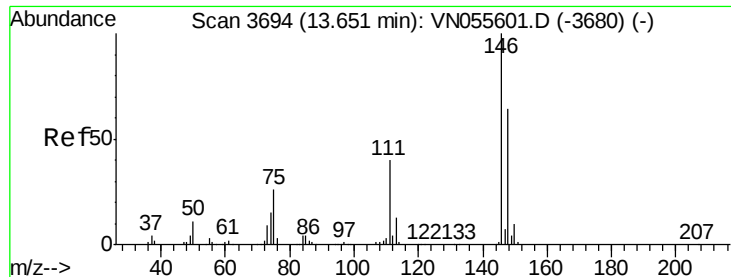
Tgt Ion: 91 Resp: 190742
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 28.0 13.7 41.1



#90
Hexachloroethane
Concen: 19.602 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055656.D
Acq: 18 May 2019 10:24

Tgt Ion: 117 Resp: 48927
Ion Ratio Lower Upper
117 100
201 97.7 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 19.306 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

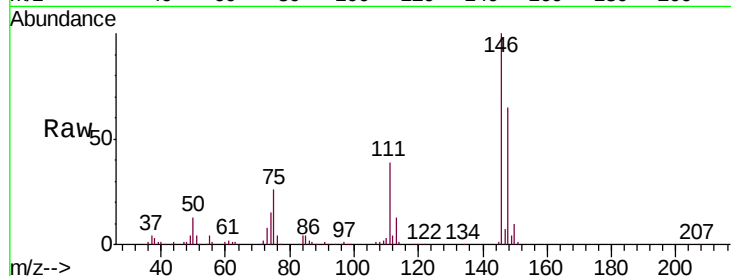
Tgt Ion:146 Resp: 128545

Ion Ratio Lower Upper

146 100

111 38.2 19.7 59.0

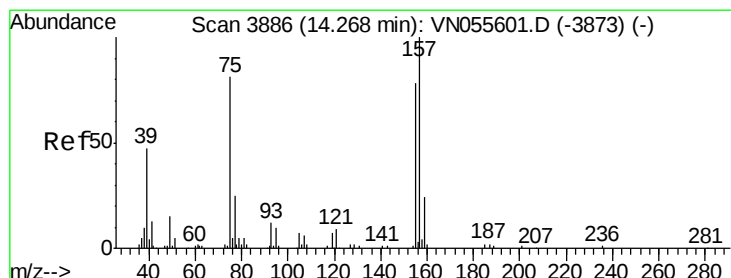
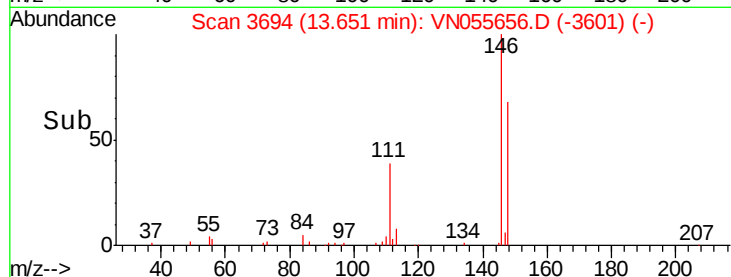
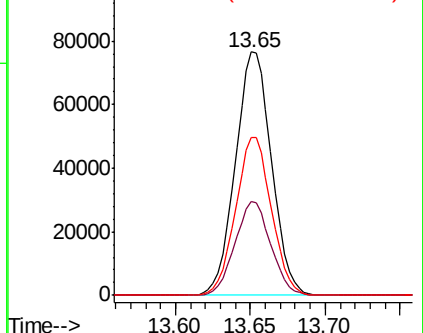
148 64.2 32.1 96.3



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: 18.765 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

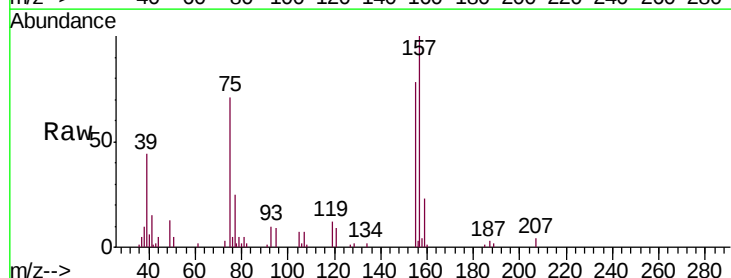
Tgt Ion: 75 Resp: 16751

Ion Ratio Lower Upper

75 100

155 102.7 48.4 145.0

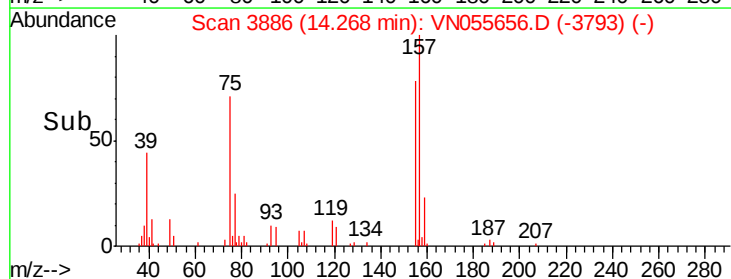
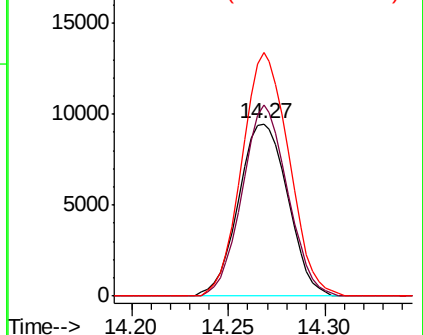
157 135.4 62.3 186.8

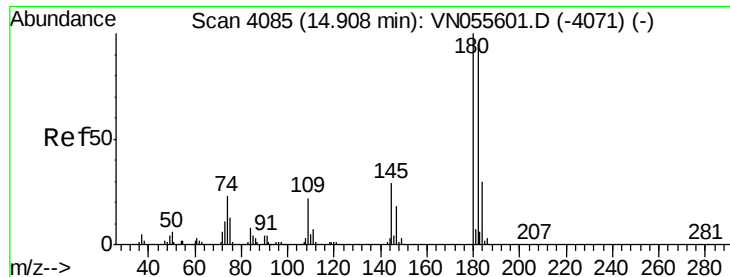


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.610 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

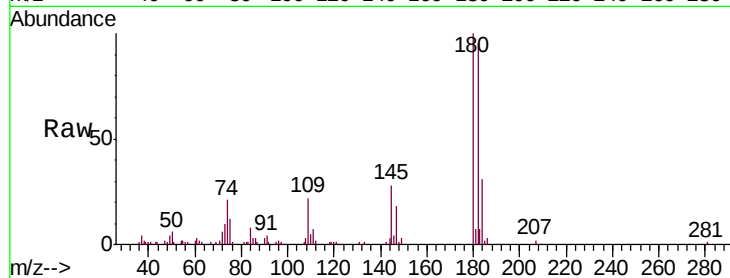
Tgt Ion:180 Resp: 69852

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

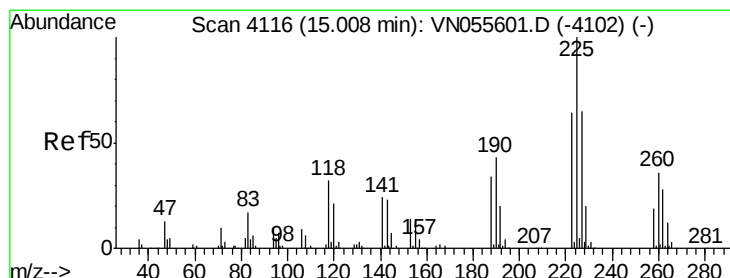
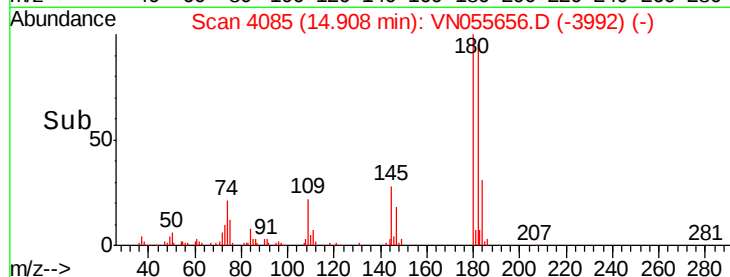
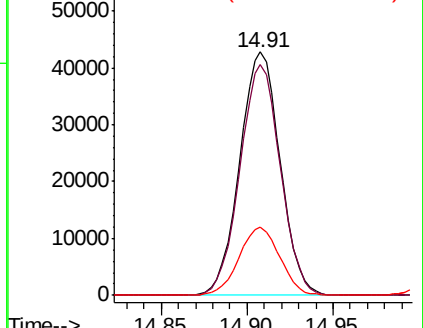
145 28.2 14.3 42.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.699 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

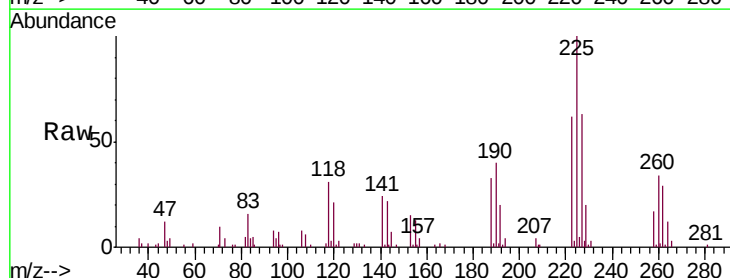
Tgt Ion:225 Resp: 41982

Ion Ratio Lower Upper

225 100

223 60.9 31.6 94.7

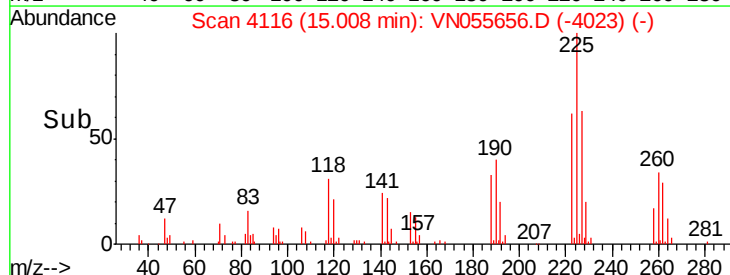
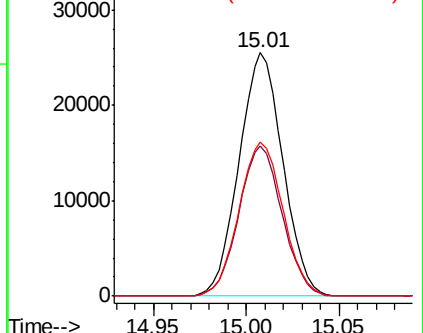
227 63.8 32.4 97.0

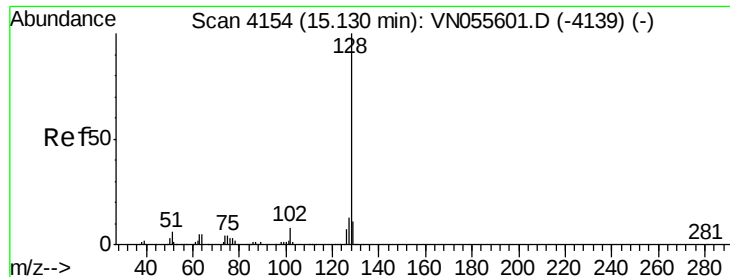


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.796 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD02

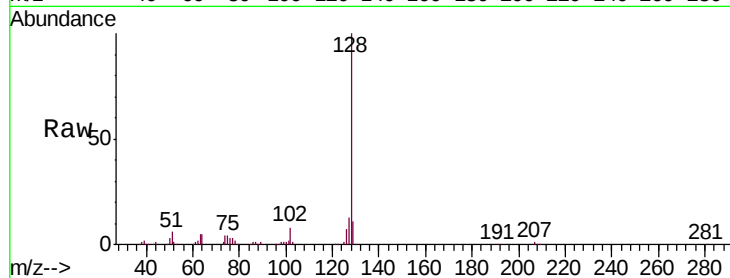
Tgt Ion:128 Resp: 191188

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

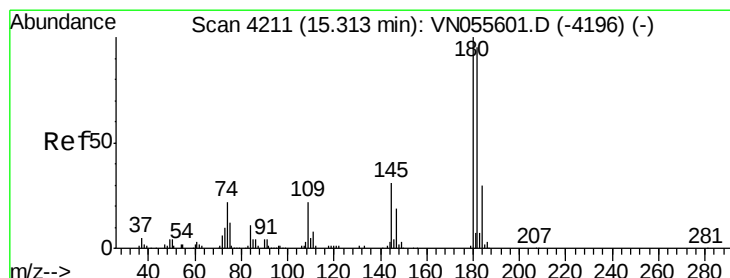
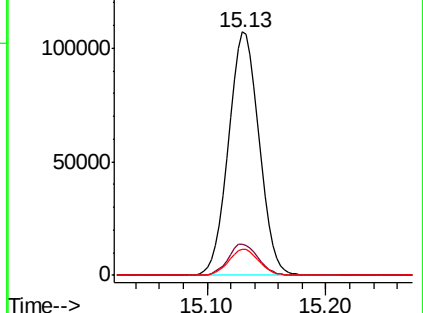
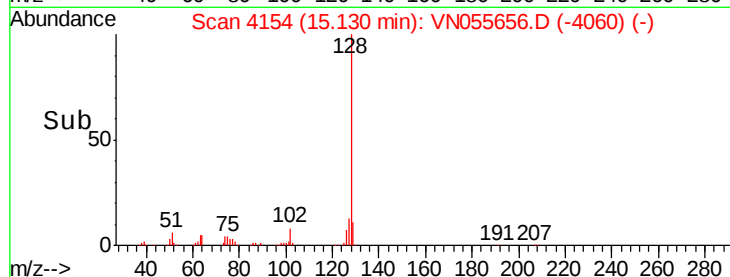
129 10.7 8.6 12.8



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: 21.021 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055656.D

Acq: 18 May 2019 10:24

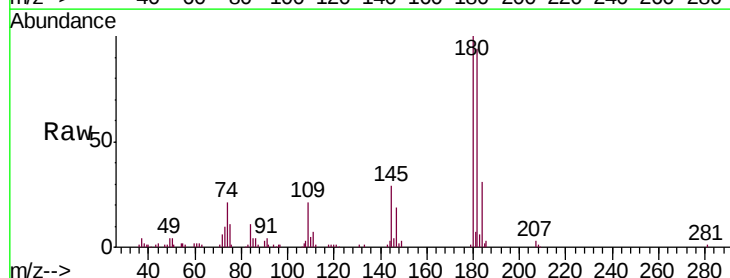
Tgt Ion:180 Resp: 74492

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.6

145 28.9 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

