

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056148.D
 Acq On : 8 Jun 2019 12:52
 Operator : JC/SP
 Sample : VN0608WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

Quant Time: Jun 10 01:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	287768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	430629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	382047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153397	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	152622	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	135555	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.09	98	516018	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	166571	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	63400	20.267	ug/l	98
3) Chloromethane	2.06	50	66104	21.191	ug/l	100
4) Vinyl Chloride	2.18	62	66916	21.385	ug/l	98
5) Bromomethane	2.54	94	39257	19.861	ug/l	98
6) Chloroethane	2.69	64	37448	20.641	ug/l	98
7) Trichlorofluoromethane	3.01	101	82406	20.629	ug/l	98
8) Diethyl Ether	3.40	74	32863	20.005	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	50334	20.743	ug/l	100
10) Methyl Iodide	3.94	142	61996	16.077	ug/l	99
11) Tert butyl alcohol	4.81	59	48084	96.704	ug/l	97
12) 1,1-Dichloroethene	3.72	96	50567	20.932	ug/l	95
13) Acrolein	3.60	56	10794	75.269	ug/l	96
14) Allyl chloride	4.31	41	70360	18.445	ug/l	97
15) Acrylonitrile	4.99	53	142901	118.061	ug/l	100
16) Acetone	3.82	43	118251	86.532	ug/l	99
17) Carbon Disulfide	4.04	76	96738	16.724	ug/l	99
18) Methyl Acetate	4.33	43	69836	25.736	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	164495	21.362	ug/l	100
20) Methylene Chloride	4.54	84	59703	21.206	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	53452	20.651	ug/l	96
22) Diisopropyl ether	5.96	45	165512	20.990	ug/l	97
23) Vinyl Acetate	5.90	43	627285	101.016	ug/l	100
24) 1,1-Dichloroethane	5.84	63	96155	21.140	ug/l	99
25) 2-Butanone	6.84	43	183874	106.495	ug/l	98
26) 2,2-Dichloropropane	6.82	77	28626	8.065	ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	63001	20.706	ug/l	94
28) Bromochloromethane	7.19	49	45241	21.032	ug/l	96
29) Tetrahydrofuran	7.22	42	126097	118.148	ug/l	100
30) Chloroform	7.37	83	98401	21.505	ug/l	99
31) Cyclohexane	7.65	56	90102	19.873	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	77261	20.220	ug/l	99
36) 1,1-Dichloropropene	7.79	75	72041	19.456	ug/l	98
37) Ethyl Acetate	6.94	43	73879	22.424	ug/l	100
38) Carbon Tetrachloride	7.77	117	64370	18.856	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056148.D
 Acq On : 8 Jun 2019 12:52
 Operator : JC/SP
 Sample : VN0608WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0608WBSD04

Quant Time: Jun 10 01:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	84331	18.283	ug/l	97
40) Benzene	8.04	78	229988	20.450	ug/l	100
41) Methacrylonitrile	7.18	41	34062	22.471	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	75746	20.939	ug/l	99
43) Isopropyl Acetate	8.17	43	110371	20.673	ug/l #	92
44) Trichloroethene	8.83	130	64801	20.052	ug/l	99
45) 1,2-Dichloropropane	9.12	63	60004	20.830	ug/l	97
46) Dibromomethane	9.21	93	40071	21.272	ug/l	99
47) Bromodichloromethane	9.40	83	66322	19.426	ug/l	99
48) Methyl methacrylate	9.20	41	54199	20.751	ug/l	96
49) 1,4-Dioxane	9.20	88	23900	423.852	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	368602	110.406	ug/l	100
52) Toluene	10.15	92	143258	20.471	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	56541	15.846	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	70305	17.132	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	58485	21.098	ug/l	98
56) Ethyl methacrylate	10.43	69	83942	20.756	ug/l	98
57) 1,3-Dichloropropane	10.71	76	94235	20.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	137511	95.532	ug/l	100
59) 2-Hexanone	10.75	43	256800	106.126	ug/l	100
60) Dibromochloromethane	10.90	129	52002	18.627	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59602	21.032	ug/l	99
64) Tetrachloroethene	10.63	164	74215	22.441	ug/l	99
65) Chlorobenzene	11.43	112	153632	20.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	52231	19.895	ug/l	99
67) Ethyl Benzene	11.51	91	263696	19.945	ug/l	99
68) m/p-Xylenes	11.62	106	198957	39.392	ug/l	99
69) o-Xylene	11.95	106	98139	19.754	ug/l	100
70) Styrene	11.96	104	157693	19.977	ug/l	100
71) Bromoform	12.13	173	35067	17.779	ug/l #	100
73) Isopropylbenzene	12.25	105	260227	22.467	ug/l	100
74) N-amyl acetate	12.07	43	86367	21.122	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	79931	22.446	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86576	30.673	ug/l #	100
77) Bromobenzene	12.53	156	70302	21.406	ug/l	95
78) n-propylbenzene	12.59	91	266282	20.519	ug/l	100
79) 2-Chlorotoluene	12.67	91	167863	22.021	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	211429	20.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	11112	13.110	ug/l #	74
82) 4-Chlorotoluene	12.77	91	154997	20.415	ug/l	100
83) tert-Butylbenzene	12.99	119	189787	22.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	202616	20.716	ug/l	98
85) sec-Butylbenzene	13.17	105	236027	20.537	ug/l	99
86) p-Isopropyltoluene	13.29	119	207621	20.186	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	104206	20.501	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	96821	19.801	ug/l	99
89) n-Butylbenzene	13.61	91	138918	18.232	ug/l	98
90) Hexachloroethane	13.87	117	29654	19.118	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	107281	20.905	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10275	20.173	ug/l	92

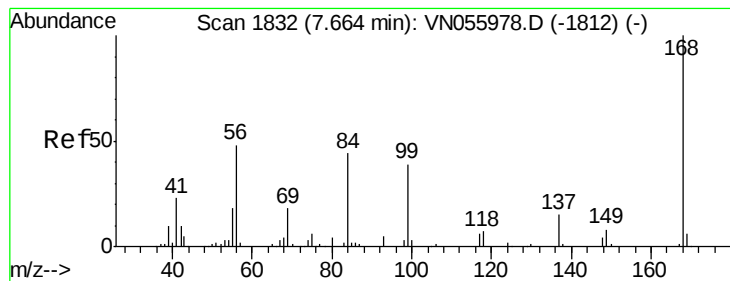
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056148.D
Acq On : 8 Jun 2019 12:52
Operator : JC/SP
Sample : VN0608WBSD04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Quant Time: Jun 10 01:24:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	40007	17.209	ug/l	97
94) Hexachlorobutadiene	15.01	225	38407	20.595	ug/l	98
95) Naphthalene	15.13	128	110881	17.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47175	18.407	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

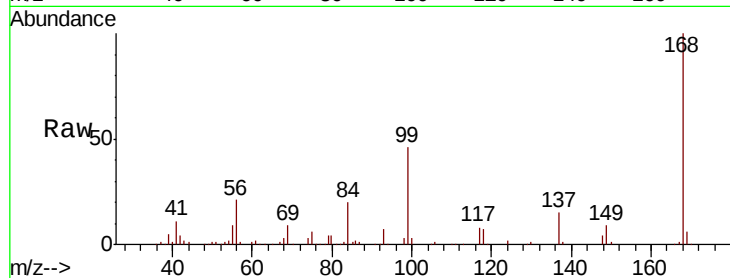
VN0608WBSD04

Tot Ion:168 Resp: 287768

Ion Ratio Lower Upper

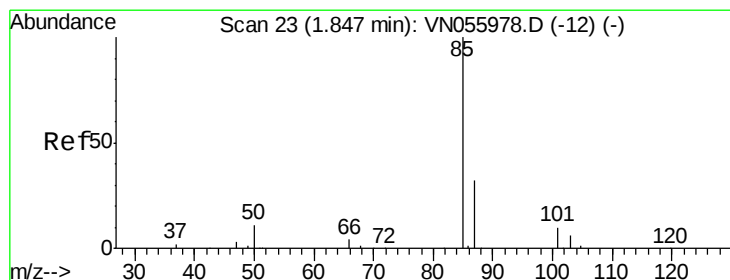
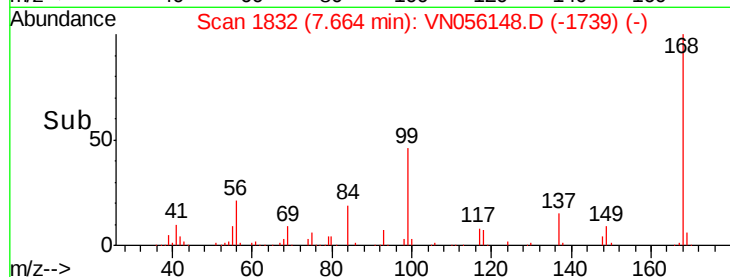
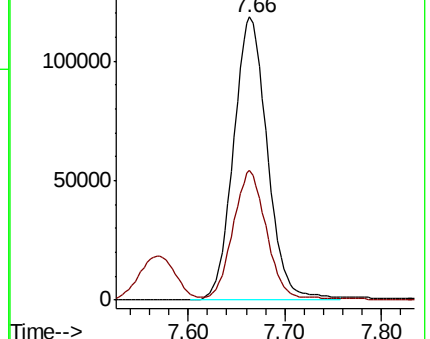
168 100

99 45.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.267 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056148.D

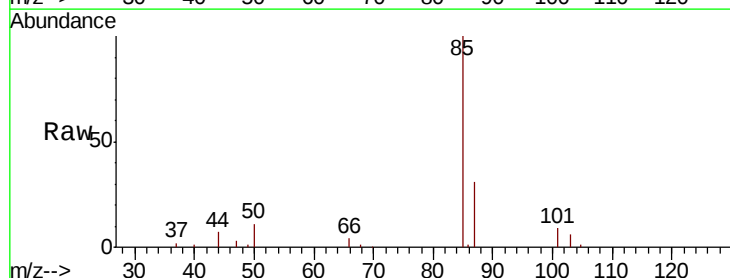
Acq: 8 Jun 2019 12:52

Tgt Ion: 85 Resp: 63400

Ion Ratio Lower Upper

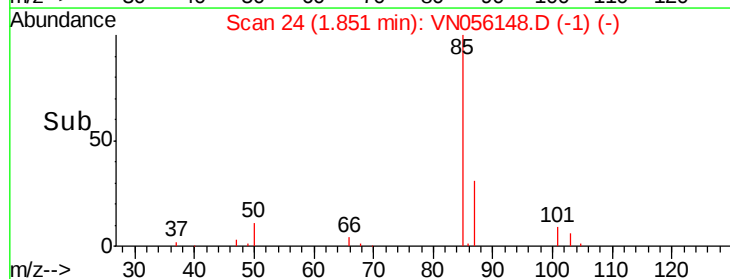
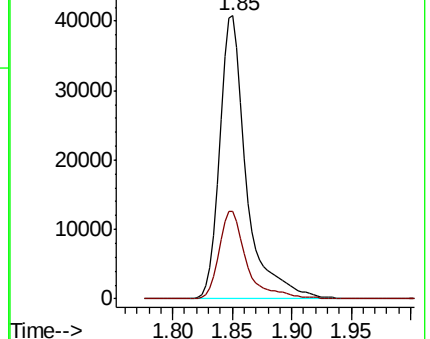
85 100

87 30.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 21.191 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

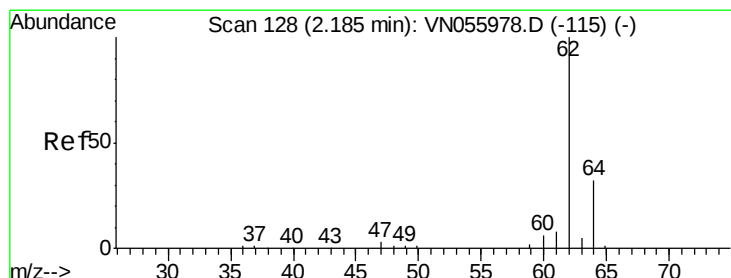
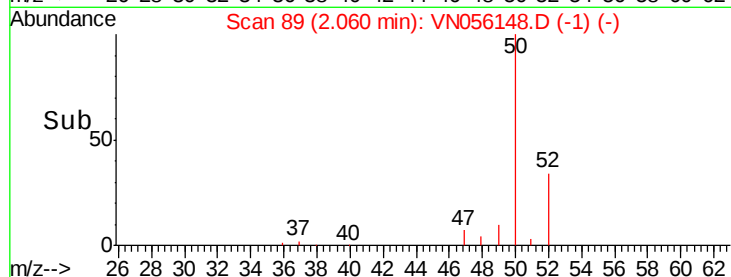
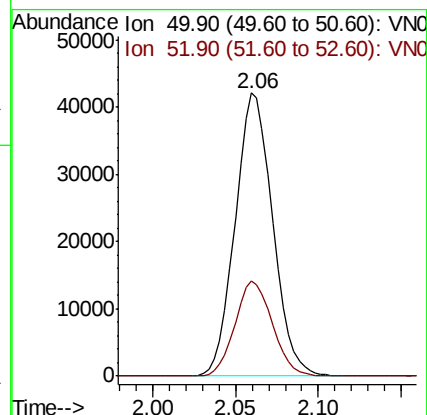
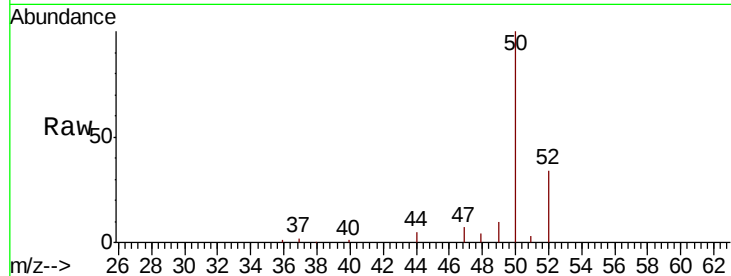
VN0608WBSD04

Tot Ion: 50 Resp: 66104

Ion Ratio Lower Upper

50 100

52 33.6 26.6 40.0



#4

Vinyl Chloride

Concen: 21.385 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056148.D

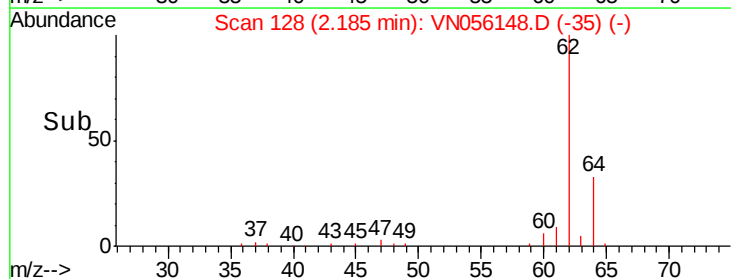
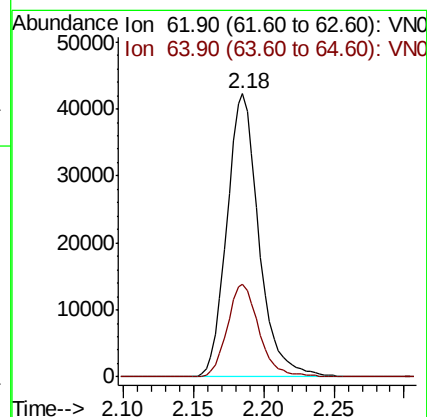
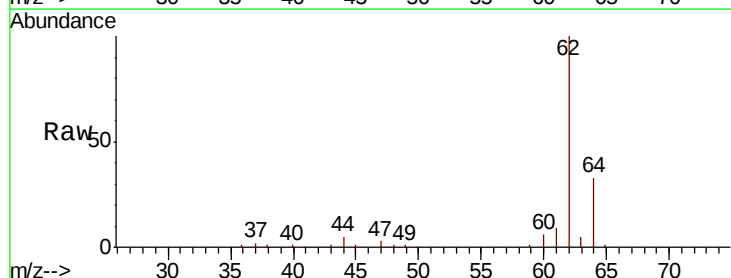
Acq: 8 Jun 2019 12:52

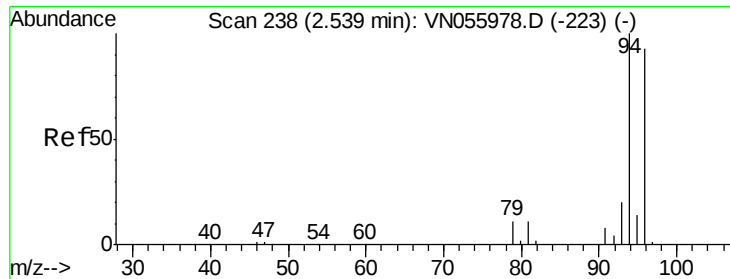
Tgt Ion: 62 Resp: 66916

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4

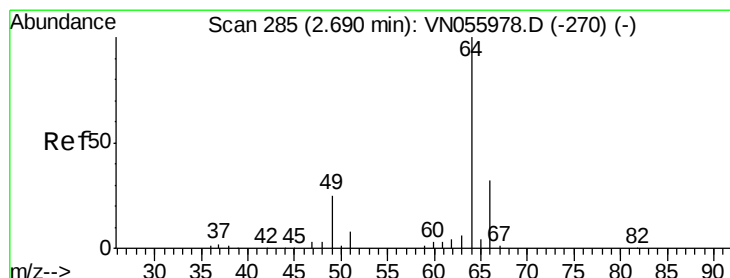
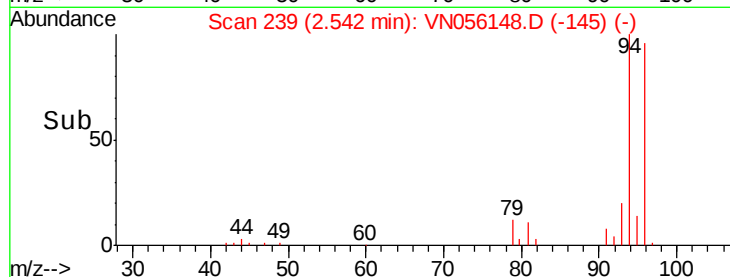
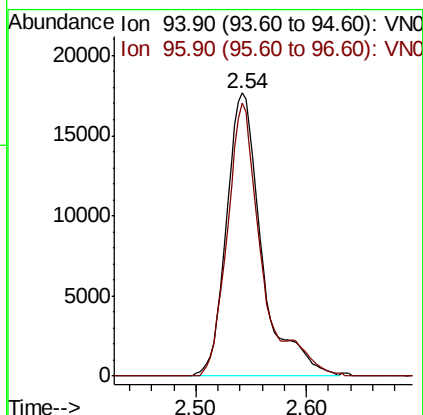
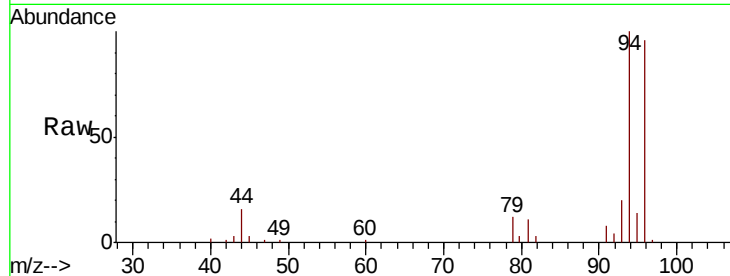




#5
Bromomethane
Concen: 19.861 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

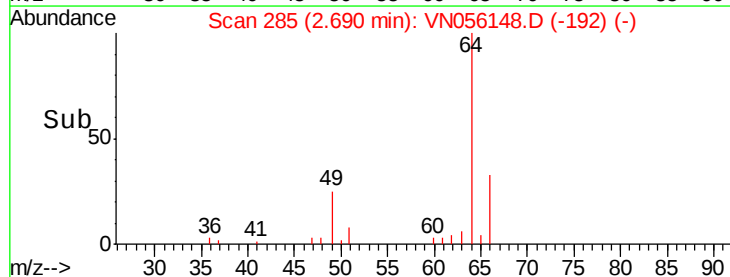
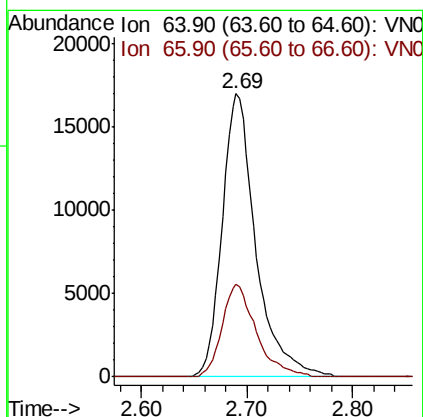
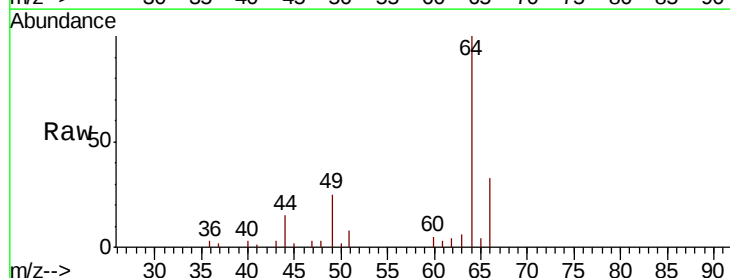
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

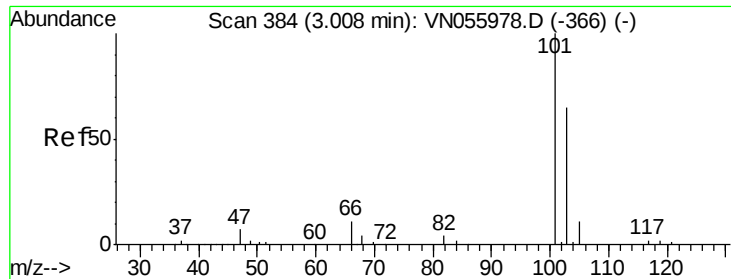
Tot Ion: 94 Resp: 39257
Ion Ratio Lower Upper
94 100
96 96.3 75.5 113.3



#6
Chloroethane
Concen: 20.641 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 64 Resp: 37448
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0



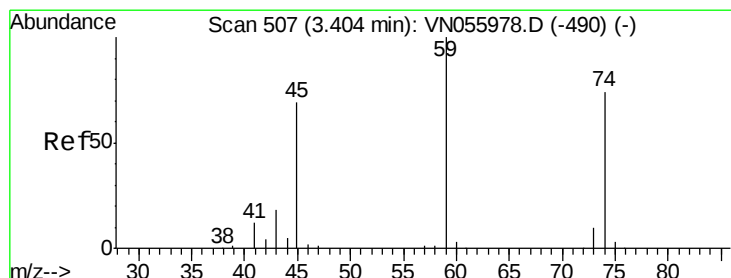
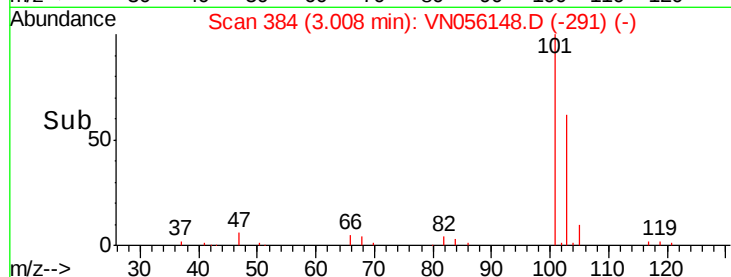
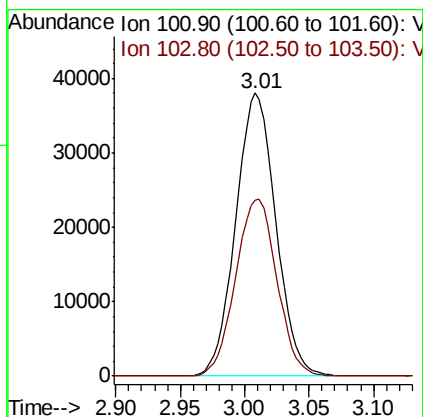
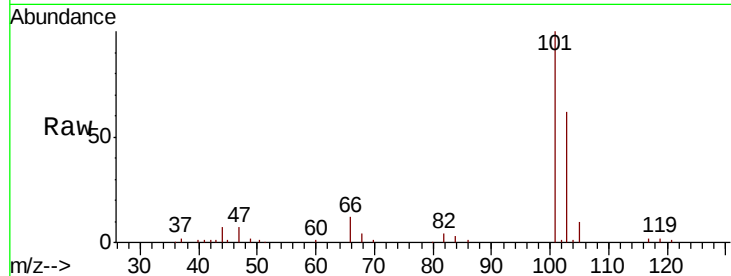


#7

Trichlorofluoromethane
 Concen: 20.629 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

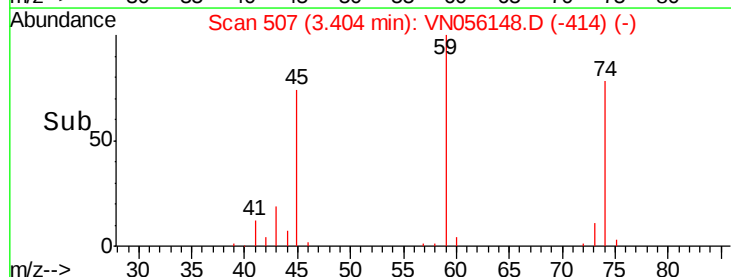
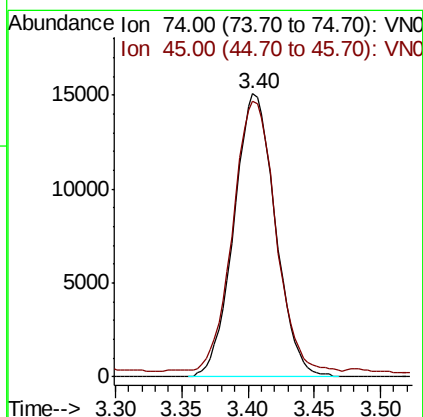
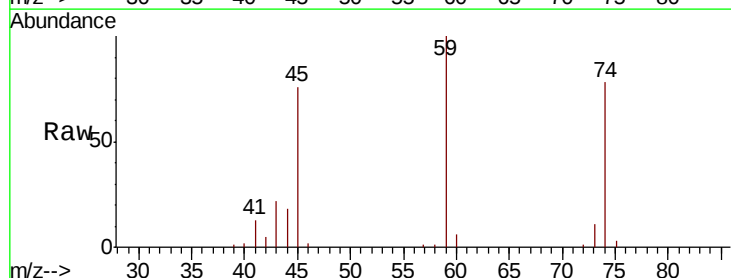
Tot Ion:101 Resp: 82406
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.2 76.8



#8

Diethyl Ether
 Concen: 20.005 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion: 74 Resp: 32863
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.743 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

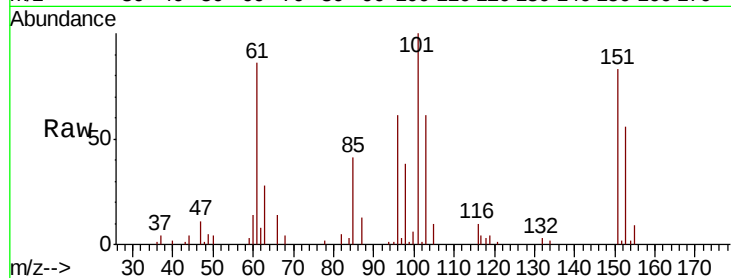
Tot Ion:101 Resp: 50334

Ion Ratio Lower Upper

101 100

85 41.2 33.4 50.2

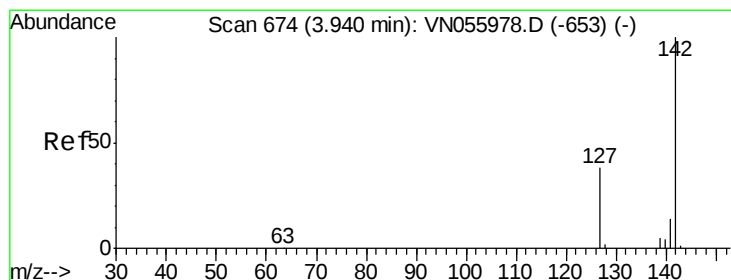
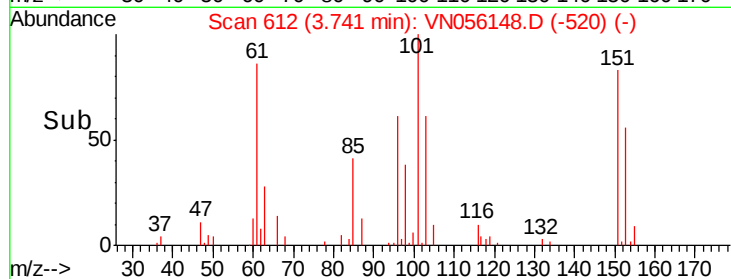
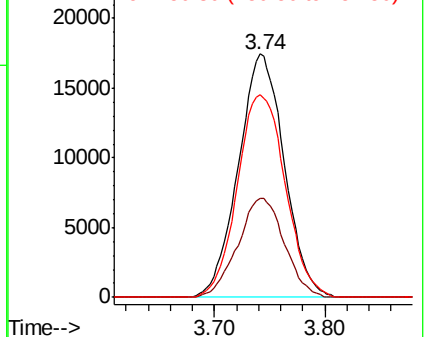
151 87.0 69.4 104.2



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: 16.077 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

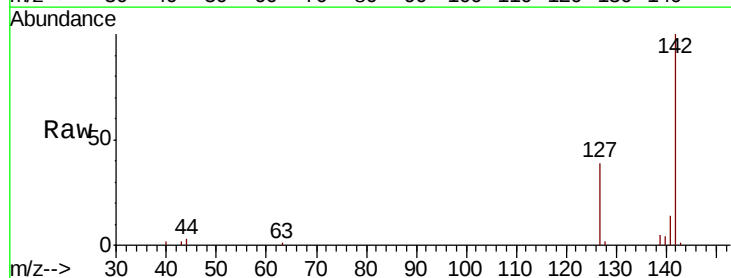
Tgt Ion:142 Resp: 61996

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

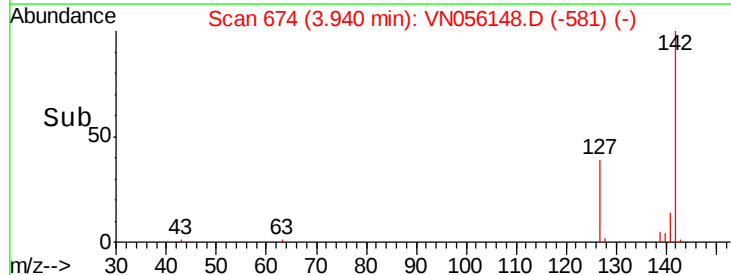
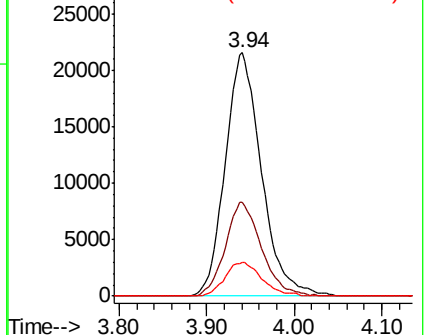
141 14.1 11.4 17.0

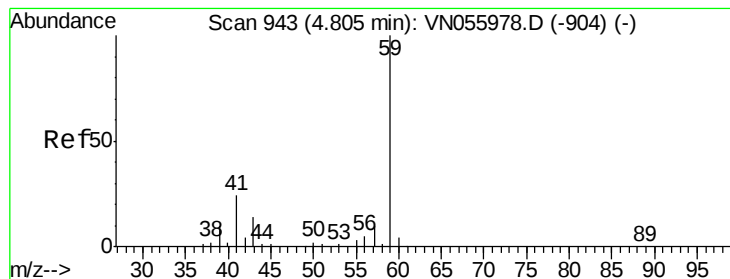


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



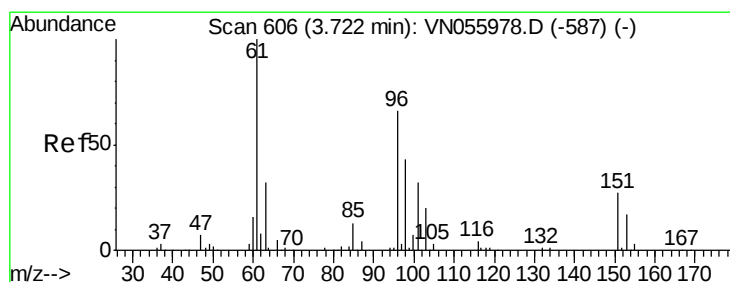
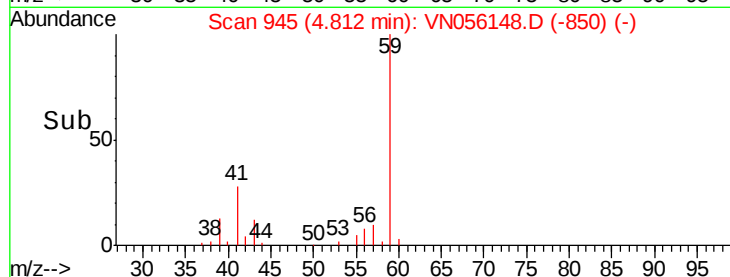
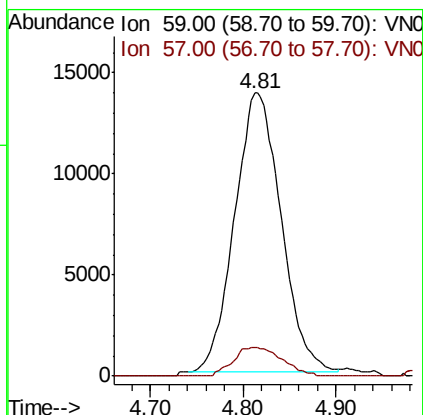
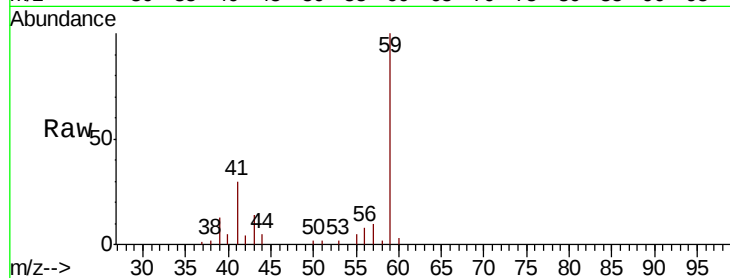


#11

Tert butyl alcohol
 Concen: 96.704 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

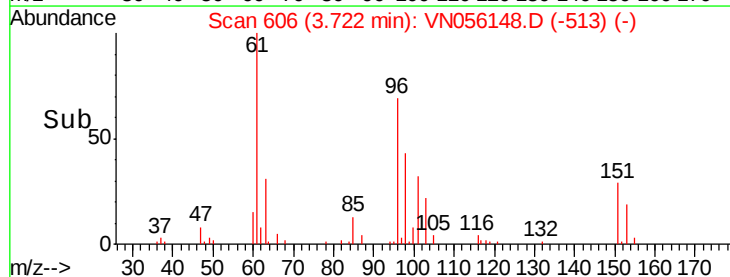
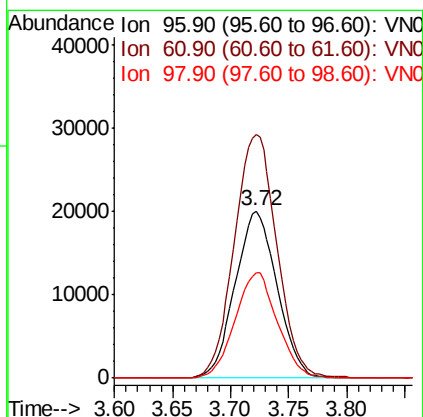
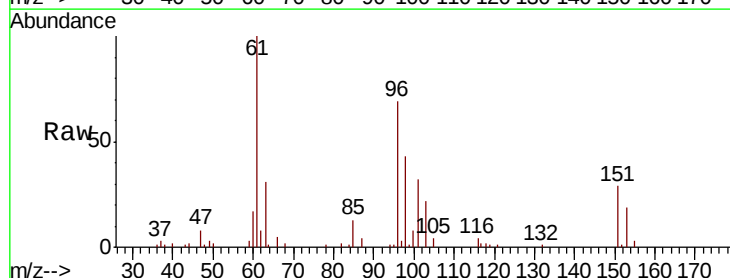
Tot Ion: 59 Resp: 48084
 Ion Ratio Lower Upper
 59 100
 57 10.9 7.8 11.6

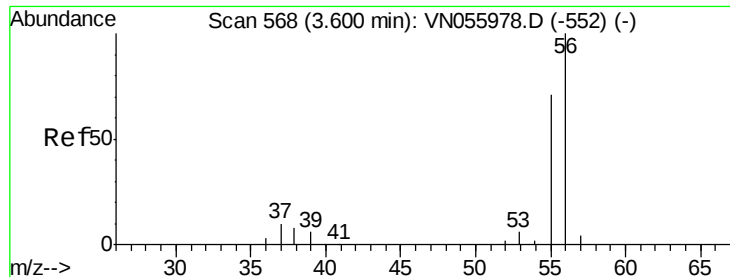


#12

1,1-Dichloroethene
 Concen: 20.932 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion: 96 Resp: 50567
 Ion Ratio Lower Upper
 96 100
 61 145.9 123.2 184.8
 98 63.4 50.4 75.6





#13

Acrolein

Concen: 75.269 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

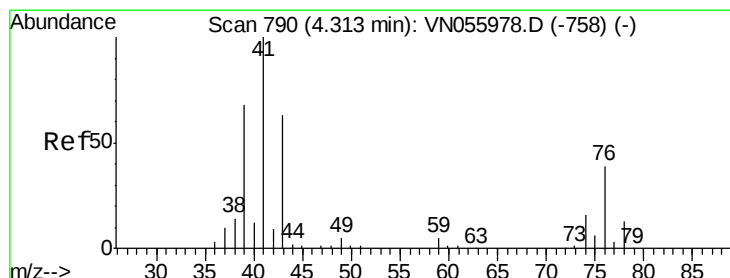
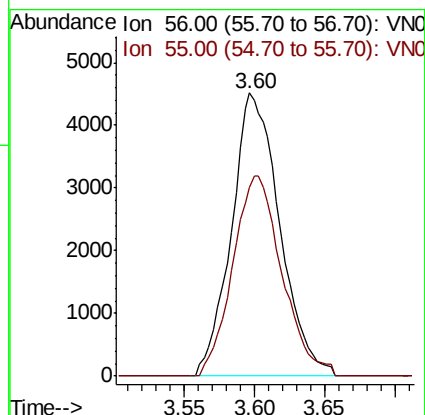
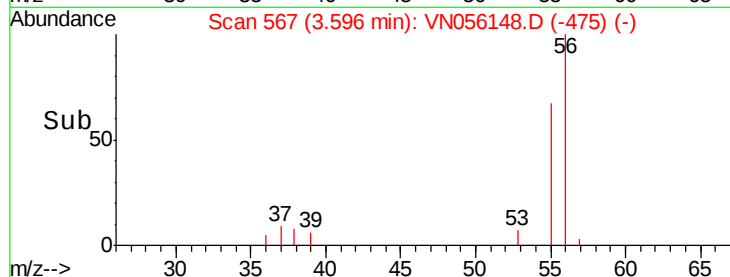
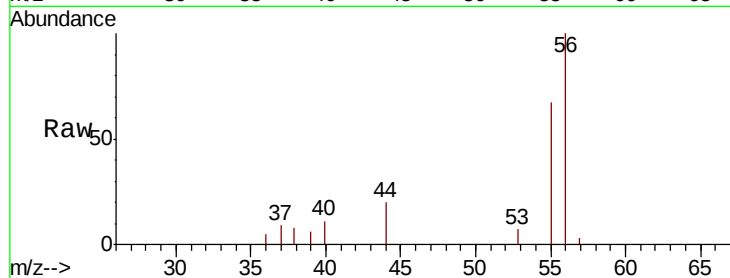
VN0608WBSD04

Tot Ion: 56 Resp: 10794

Ion Ratio Lower Upper

56 100

55 72.2 55.4 83.2



#14

Allyl chloride

Concen: 18.445 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

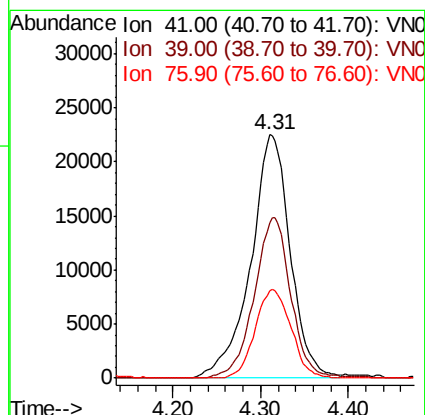
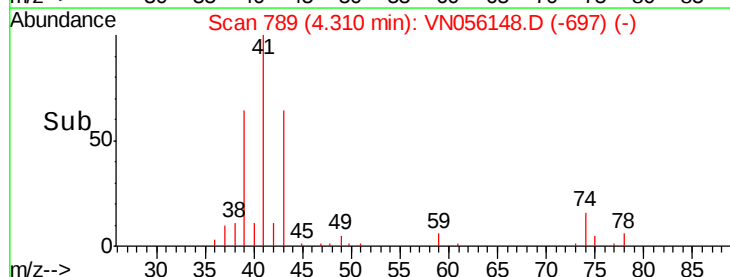
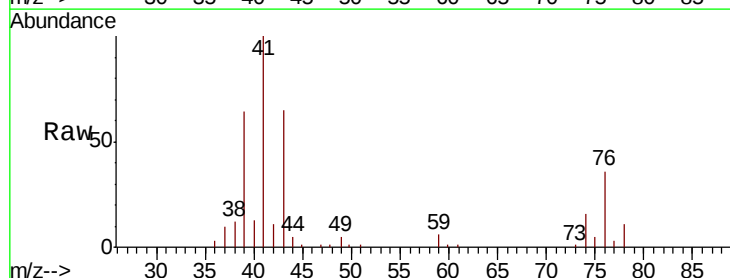
Tgt Ion: 41 Resp: 70360

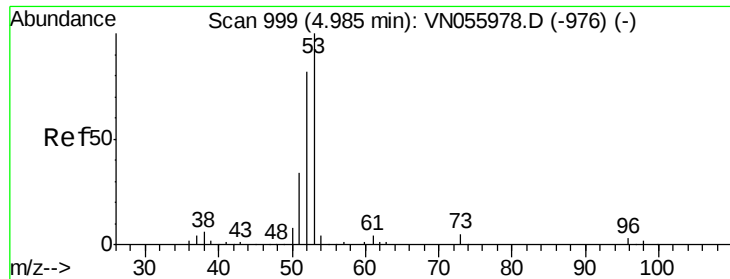
Ion Ratio Lower Upper

41 100

39 61.0 50.0 75.0

76 33.1 28.2 42.2

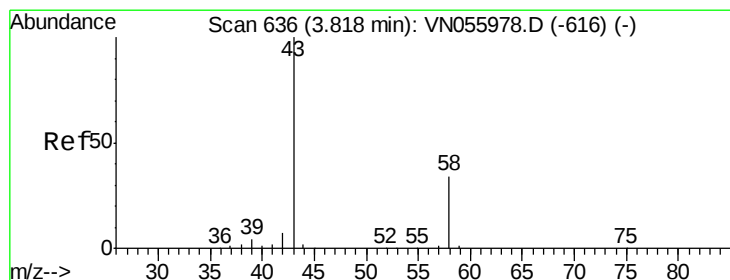
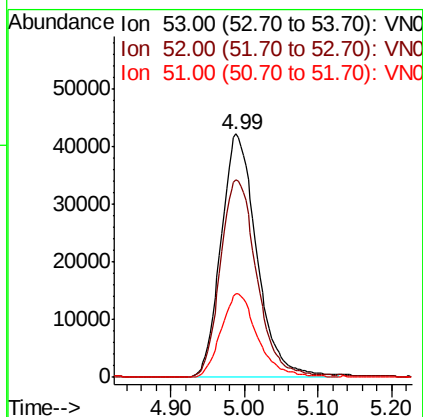
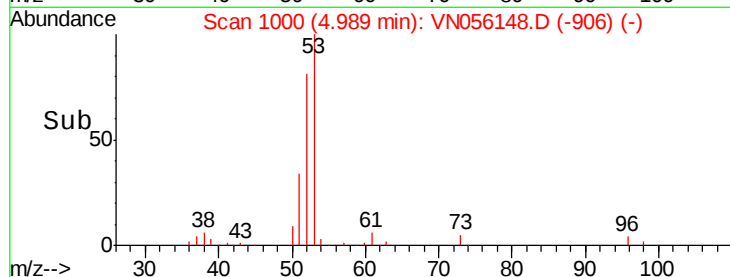
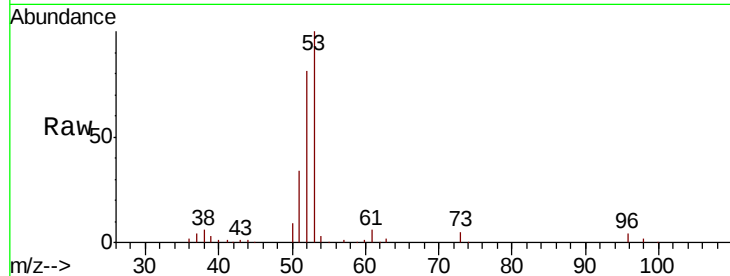




#15
 Acrylonitrile
 Concen: 118.061 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

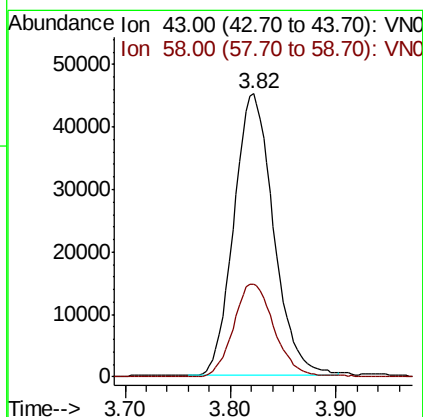
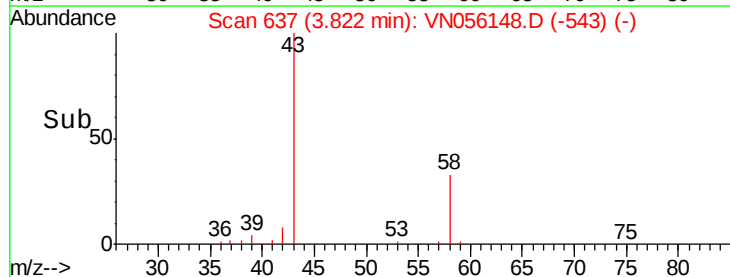
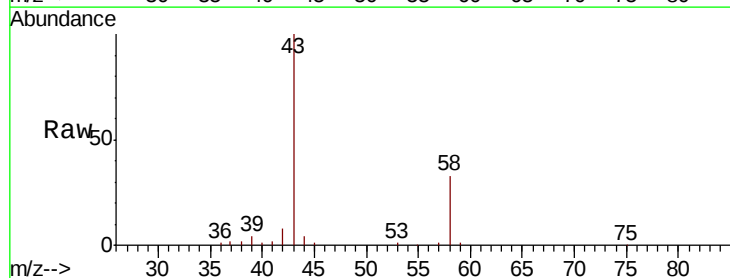
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

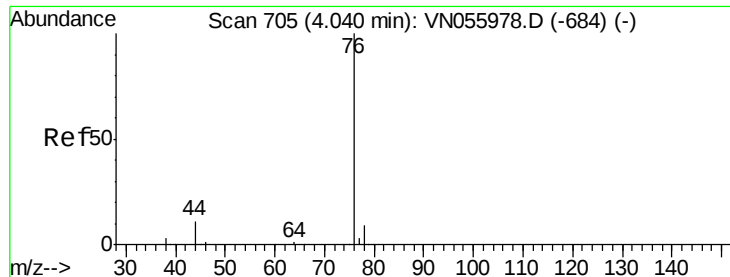
Tot Ion: 53 Resp: 142901
 Ion Ratio Lower Upper
 53 100
 52 82.6 65.8 98.8
 51 34.9 28.2 42.4



#16
 Acetone
 Concen: 86.532 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion: 43 Resp: 118251
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.6 39.8

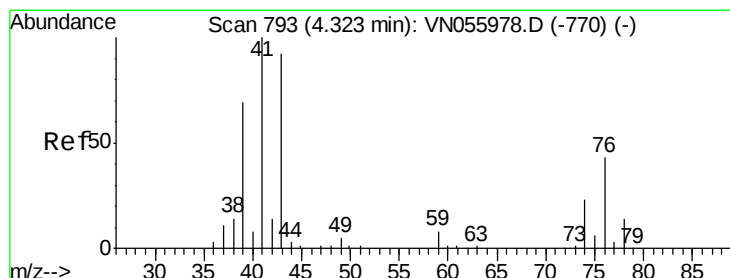
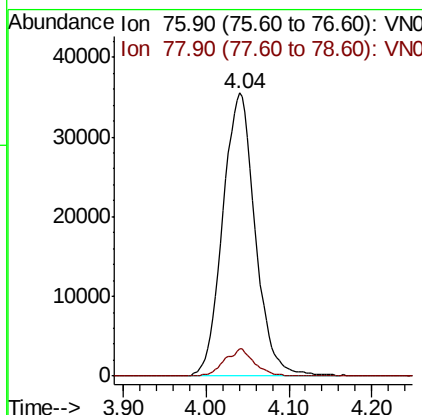
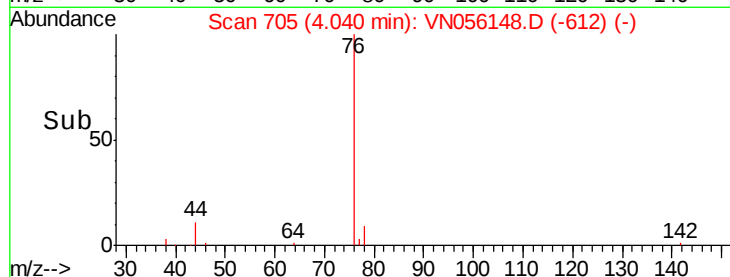
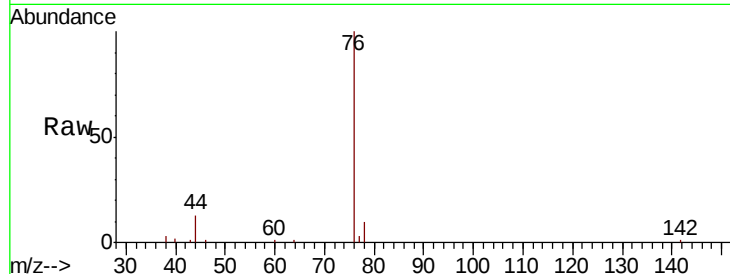




#17
Carbon Disulfide
Concen: 16.724 ug/l
RT: 4.04 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

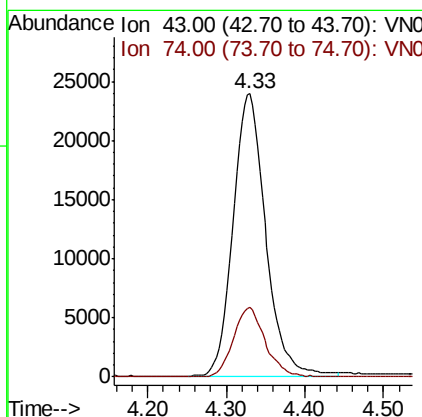
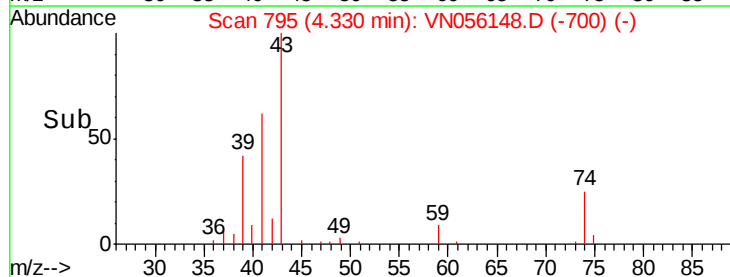
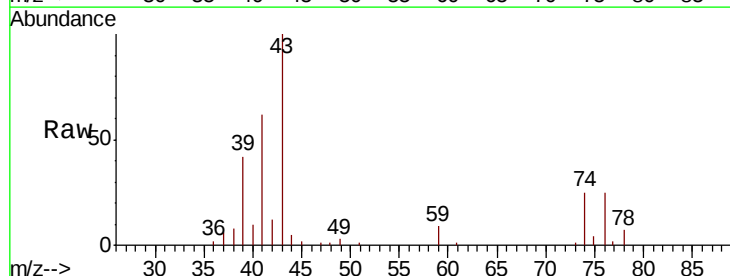
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 76 Resp: 96738
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 25.736 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 43 Resp: 69836
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9

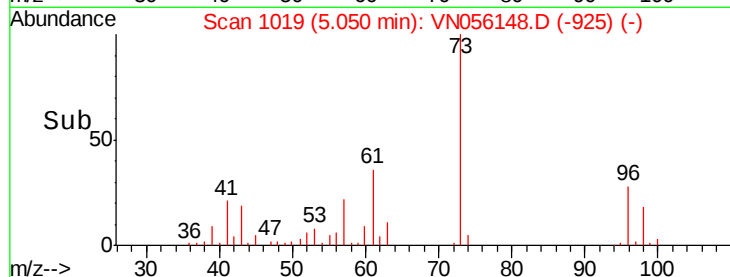
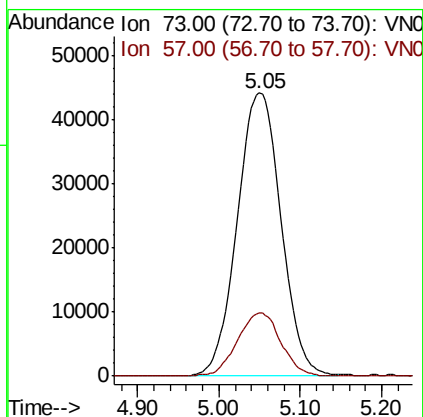
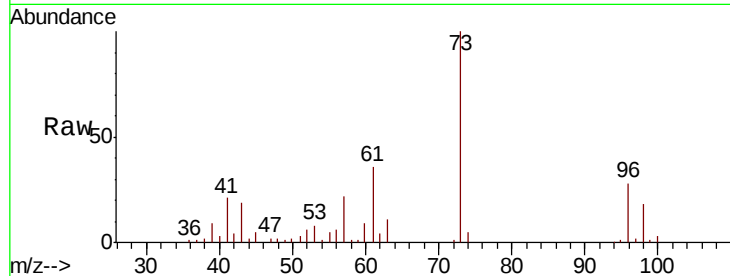




#19
Methvl tert-butvl Ether
Concen: 21.362 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

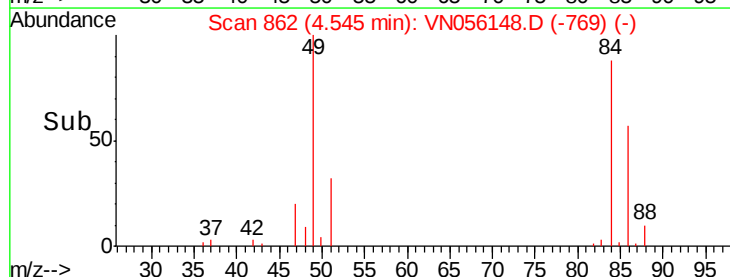
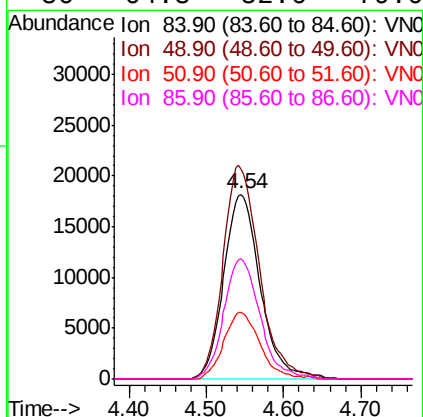
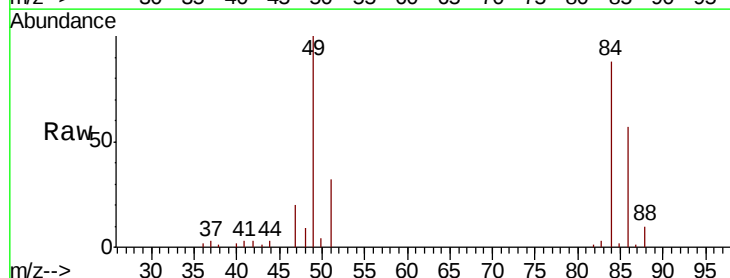
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

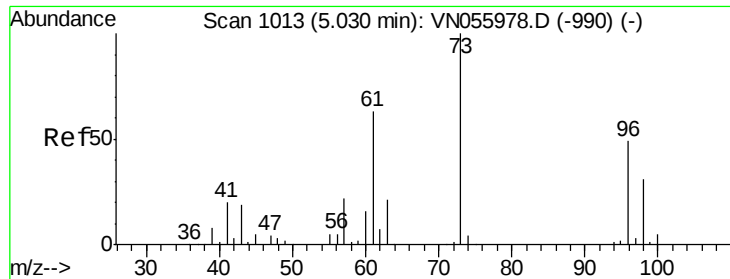
Tot Ion: 73 Resp: 164495
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 21.206 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 84 Resp: 59703
Ion Ratio Lower Upper
84 100
49 113.9 93.5 140.3
51 36.3 28.6 43.0
86 64.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.651 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

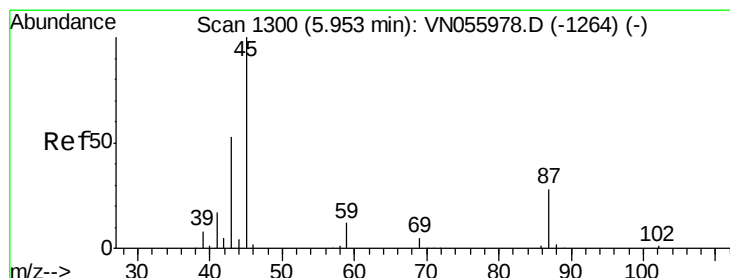
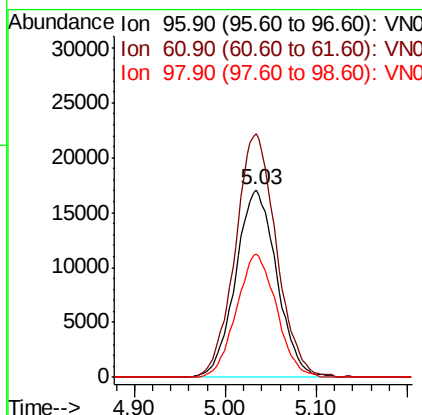
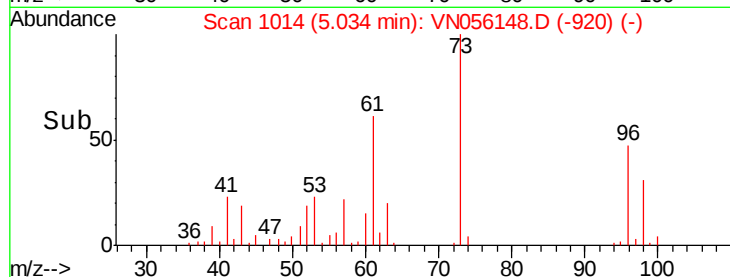
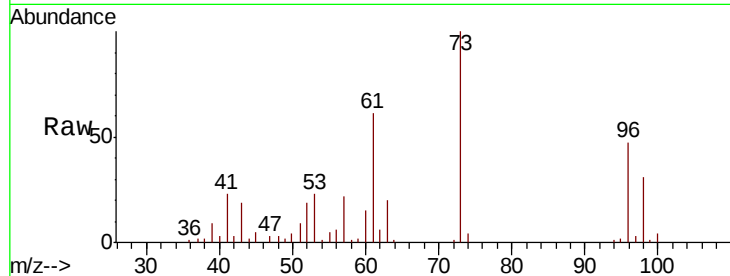
Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 96 Resp: 53452

Ion	Ratio	Lower	Upper
96	100		
61	129.8	107.8	161.8
98	65.9	49.8	74.8



#22

Diisopropyl ether

Concen: 20.990 ug/l

RT: 5.96 min Scan# 1301

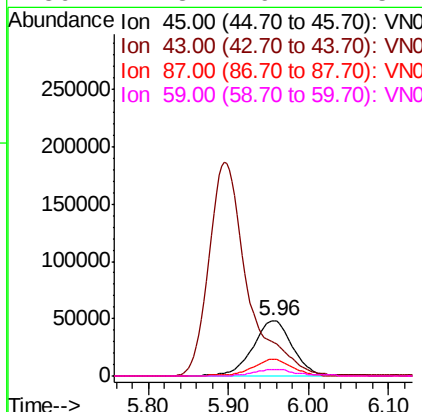
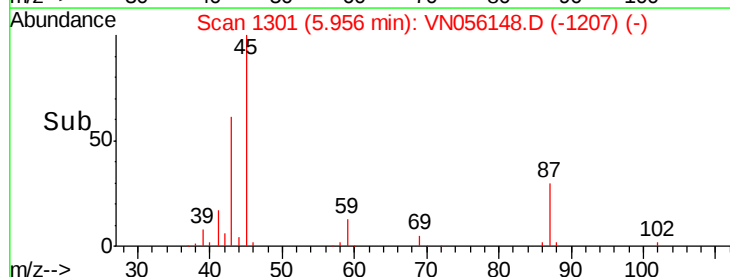
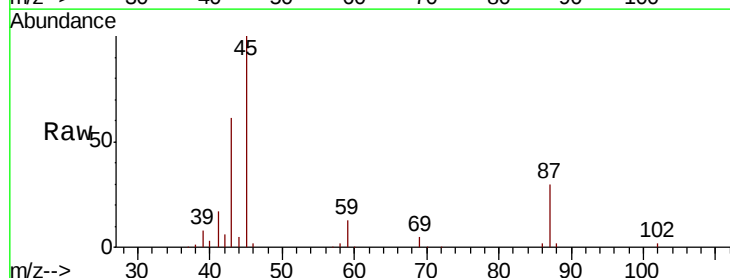
Delta R.T. 0.00 min

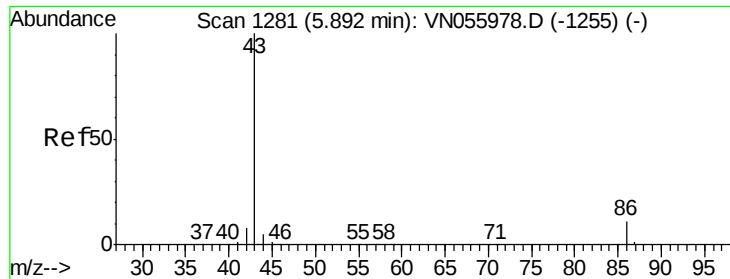
Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Tgt Ion: 45 Resp: 165512

Ion	Ratio	Lower	Upper
45	100		
43	57.8	45.0	67.6
87	29.8	22.2	33.4
59	12.3	9.1	13.7

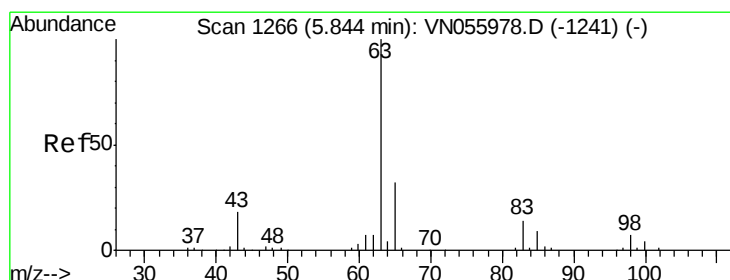
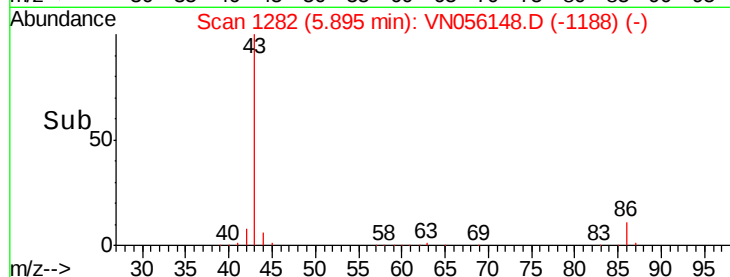
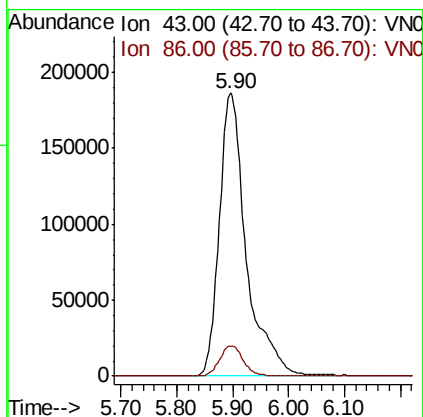
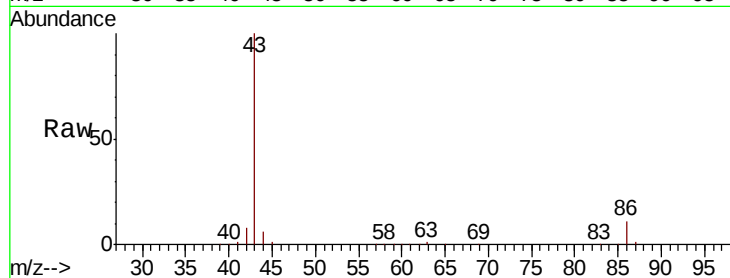




#23
 Vinyl Acetate
 Concen: 101.016 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

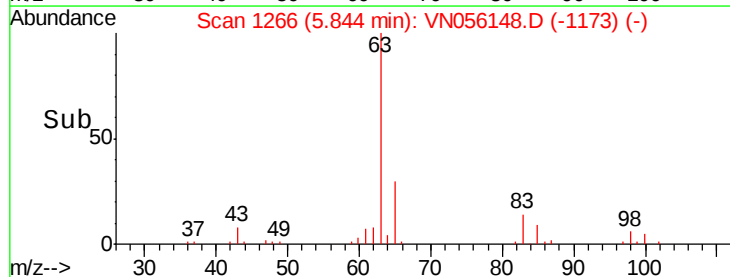
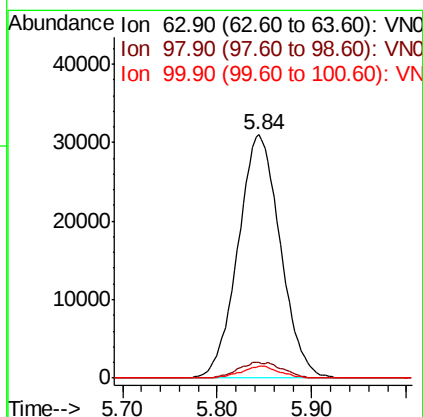
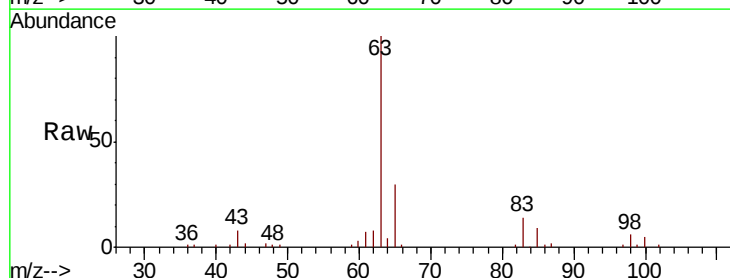
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

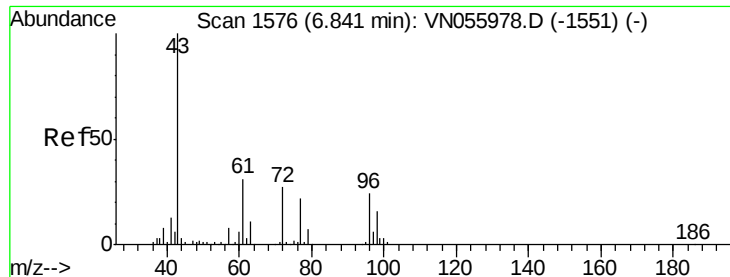
Tot Ion: 43 Resp: 627285
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.140 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion: 63 Resp: 96155
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.8 2.2 6.6

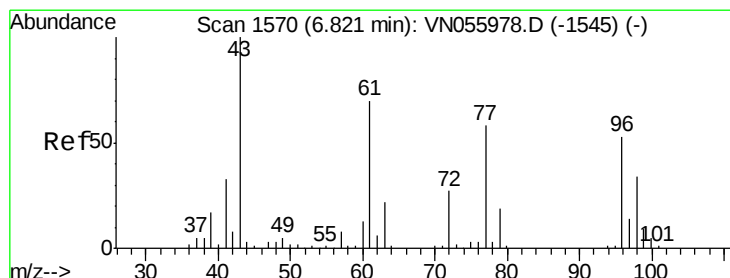
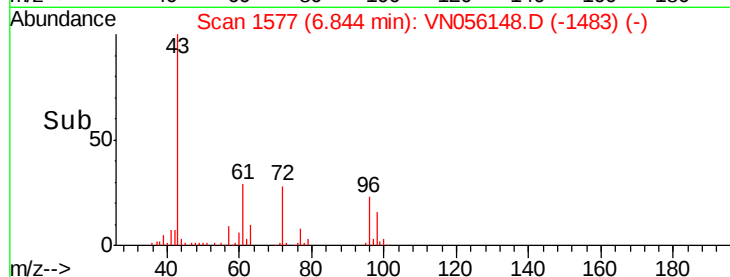
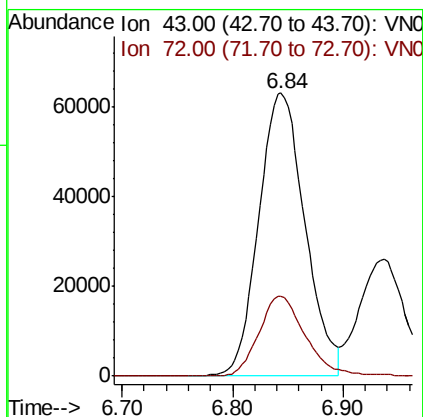
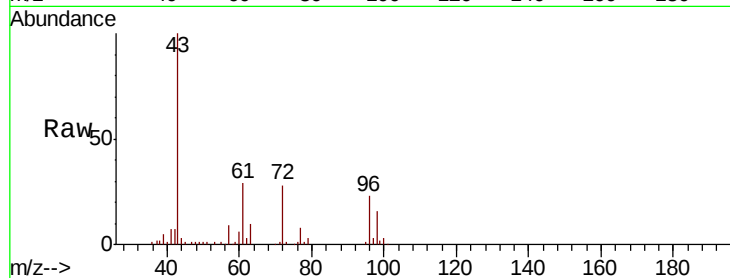




#25
2-Butanone
Concen: 106.495 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

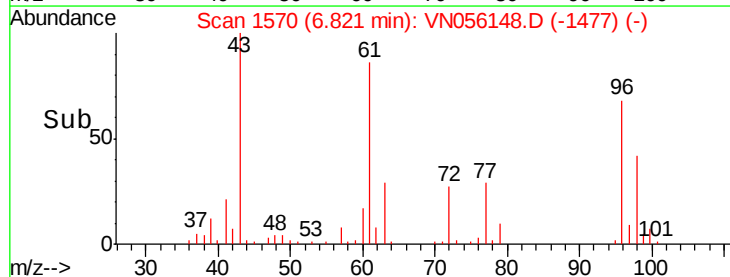
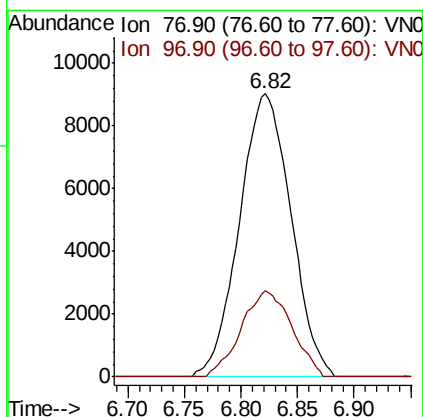
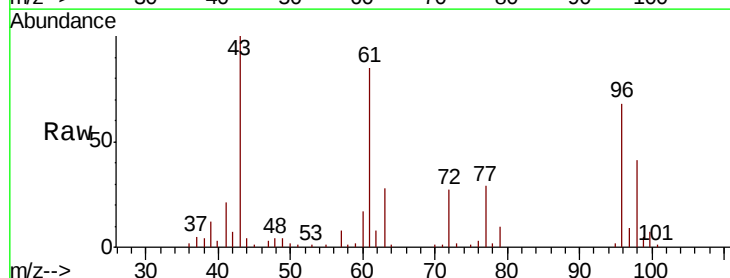
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 43 Resp: 183874
Ion Ratio Lower Upper
43 100
72 28.3 21.9 32.9



#26
2,2-Dichloropropane
Concen: 8.065 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 77 Resp: 28626
Ion Ratio Lower Upper
77 100
97 29.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 20.706 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

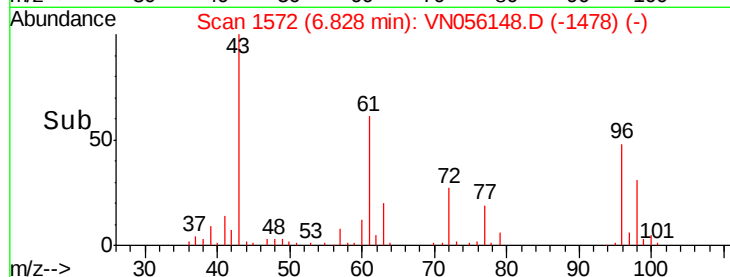
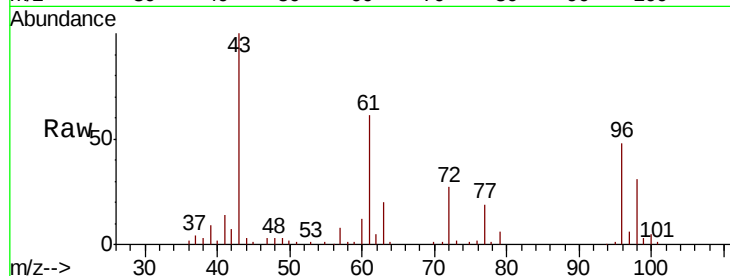
Tot Ion: 96 Resp: 63001

Ion Ratio Lower Upper

96 100

61 126.6 0.0 275.8

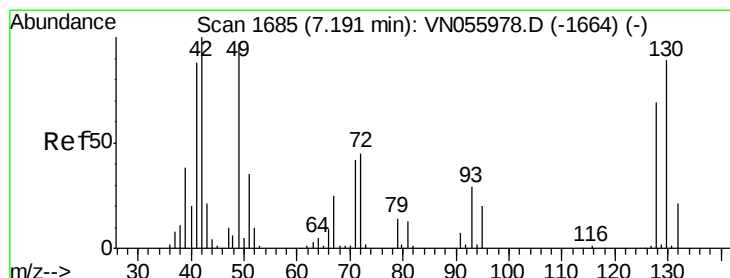
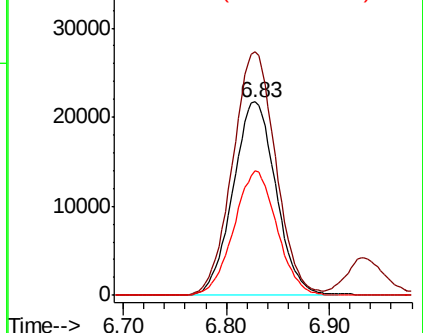
98 64.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.032 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

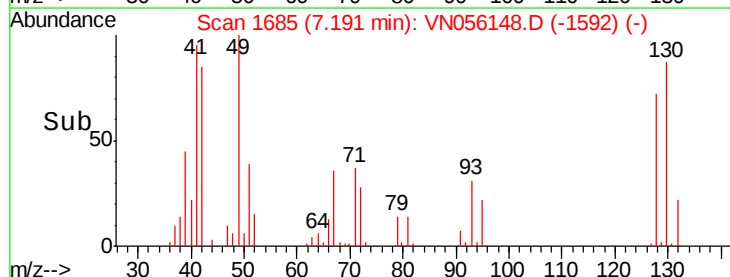
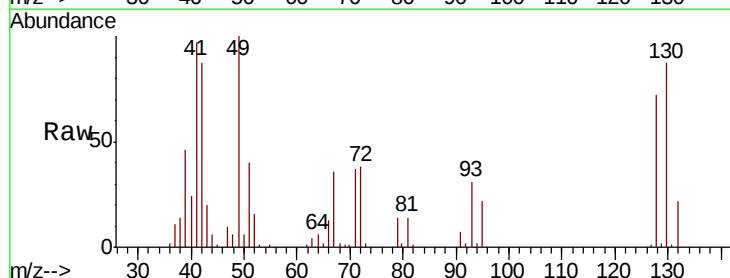
Tgt Ion: 49 Resp: 45241

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

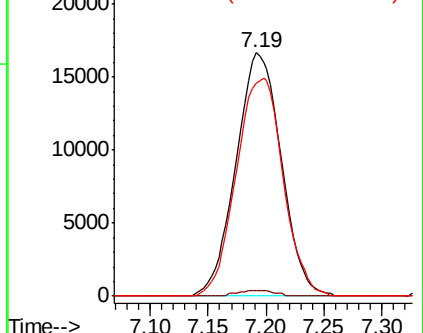
130 92.4 71.2 106.8

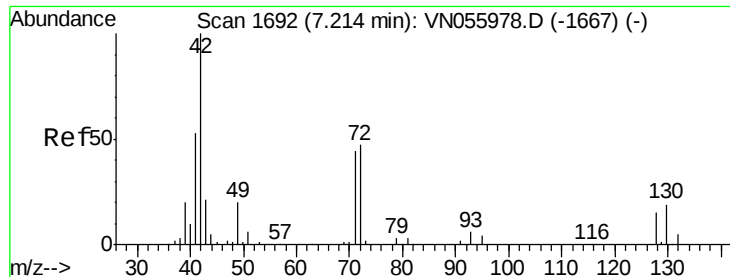


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

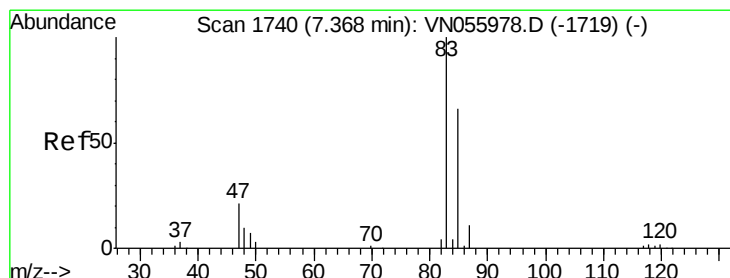
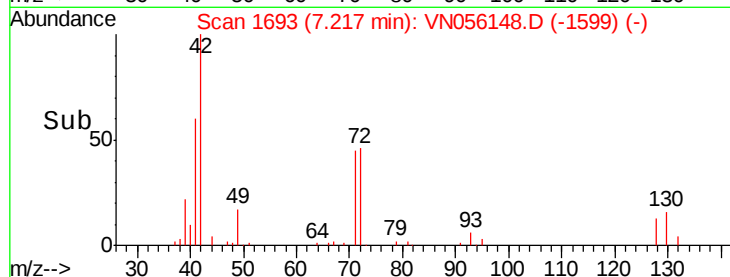
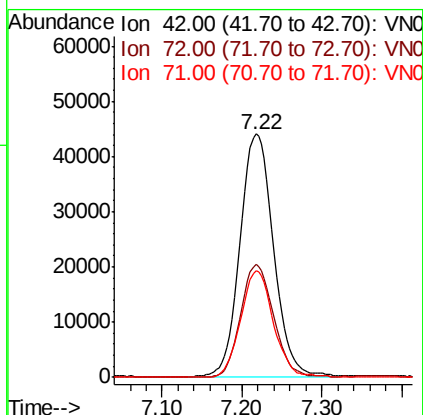
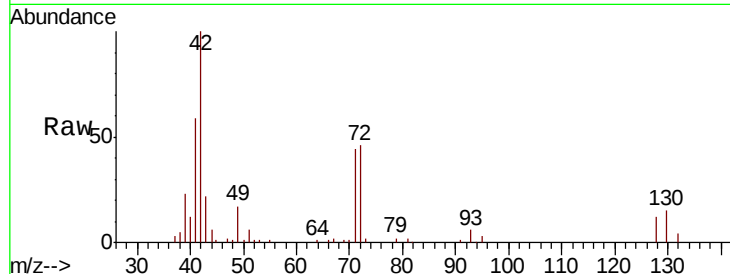




#29
Tetrahydrofuran
Concen: 118.148 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

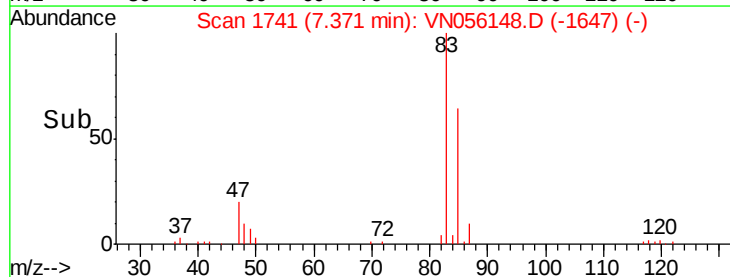
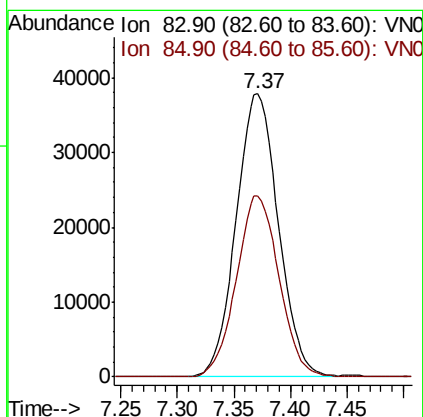
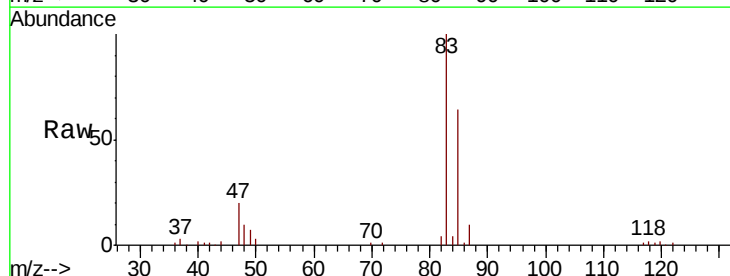
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

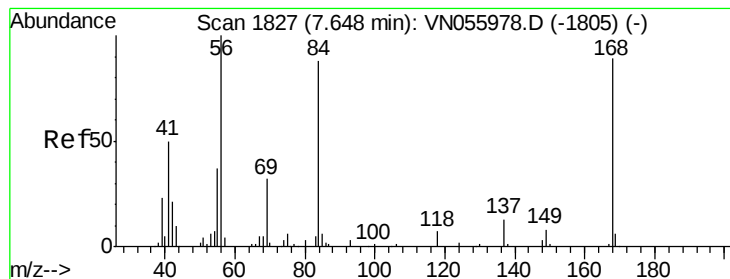
Tot Ion: 42 Resp: 126097
Ion Ratio Lower Upper
42 100
72 45.3 35.9 53.9
71 42.4 34.0 51.0



#30
Chloroform
Concen: 21.505 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 83 Resp: 98401
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8





#31

Cyclohexane

Concen: 19.873 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

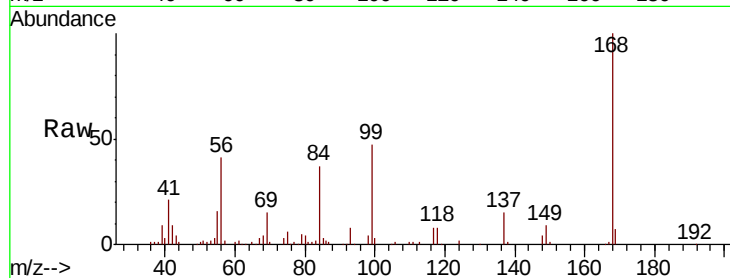
Tot Ion: 56 Resp: 90102

Ion Ratio Lower Upper

56 100

69 36.8 25.6 38.4

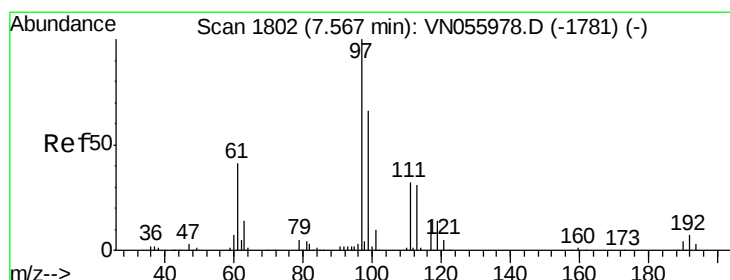
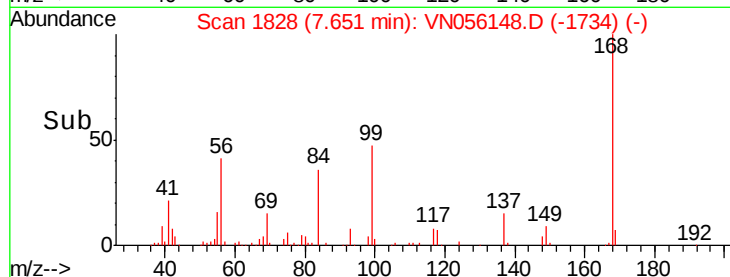
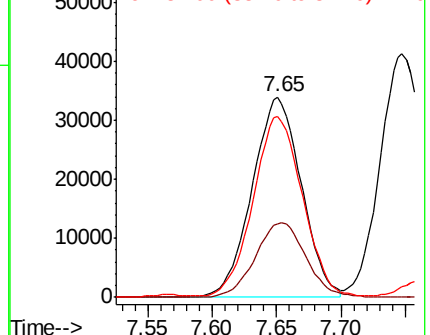
84 89.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.220 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

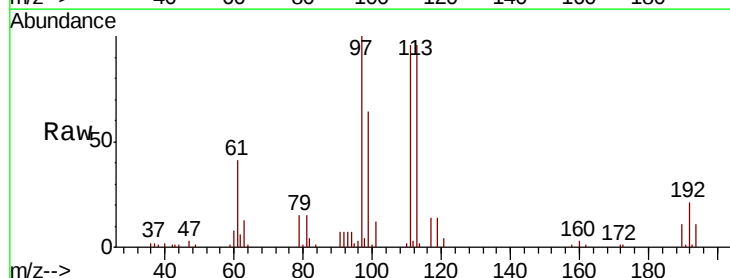
Tgt Ion: 97 Resp: 77261

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

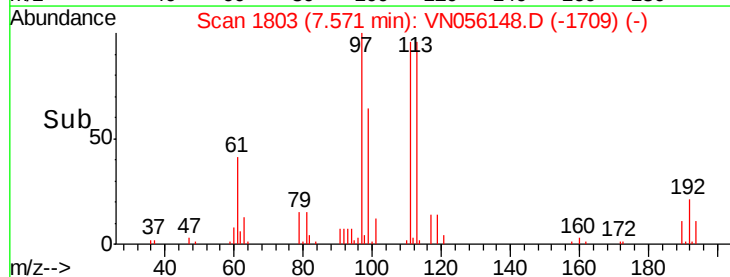
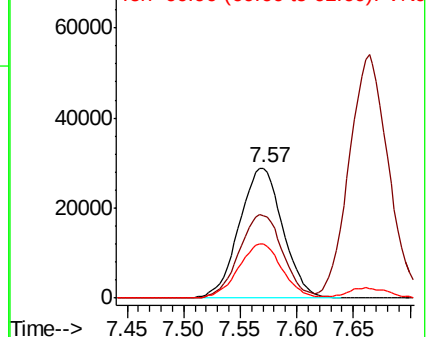
61 41.6 32.9 49.3

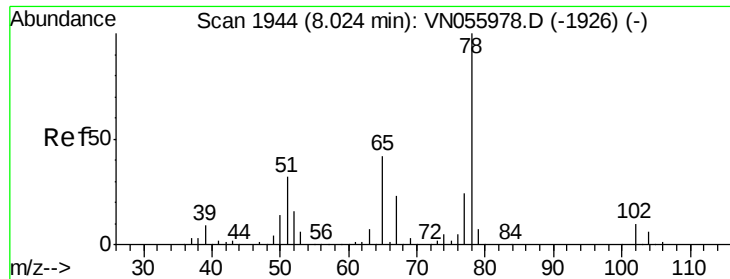


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 53.415 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

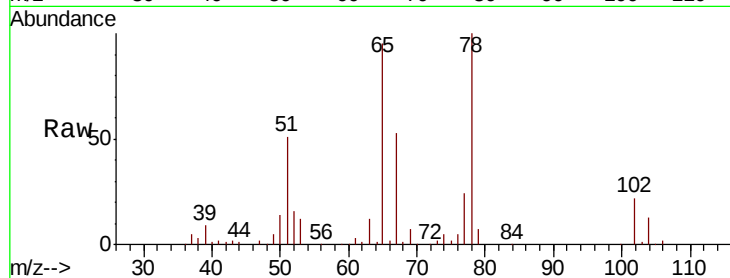
VN0608WBSD04

Tot Ion: 65 Resp: 152622

Ion Ratio Lower Upper

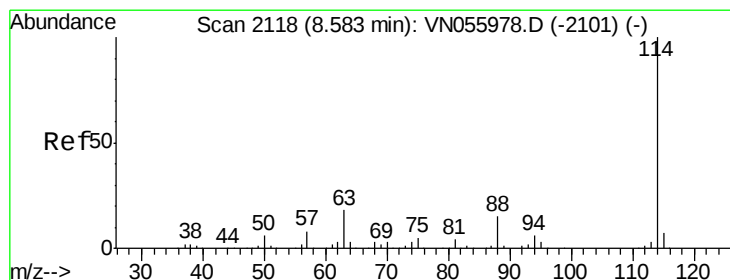
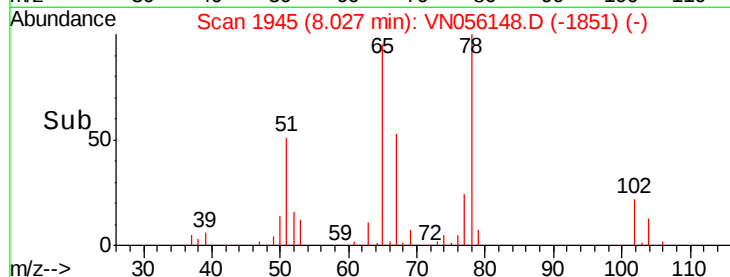
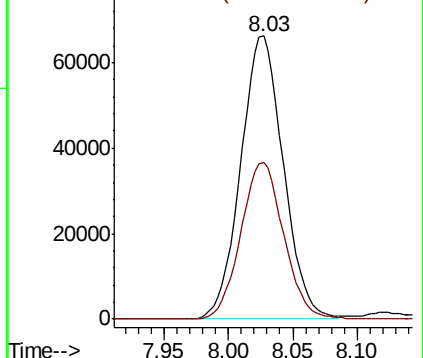
65 100

67 55.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

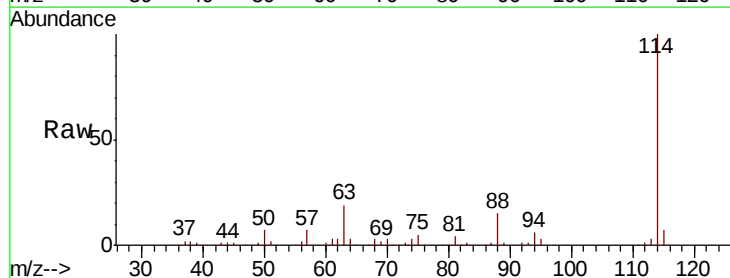
Tgt Ion: 114 Resp: 430629

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

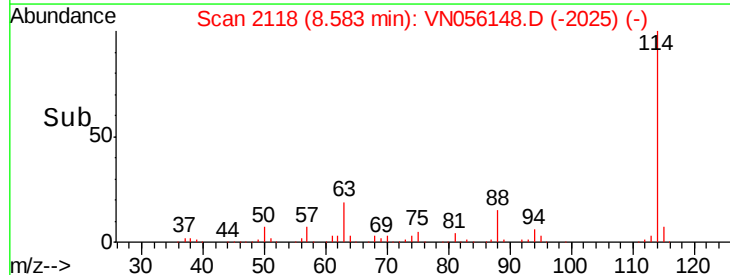
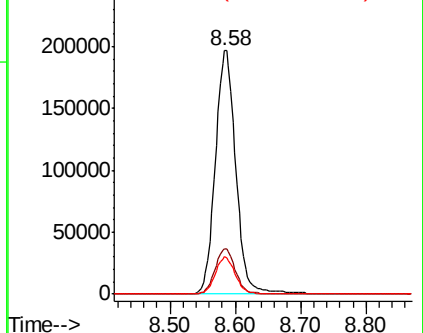
88 15.2 0.0 31.0

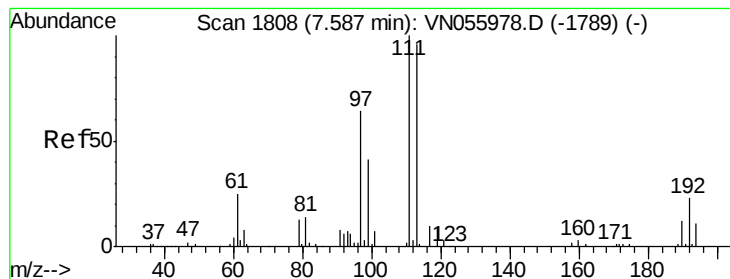


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 51.307 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

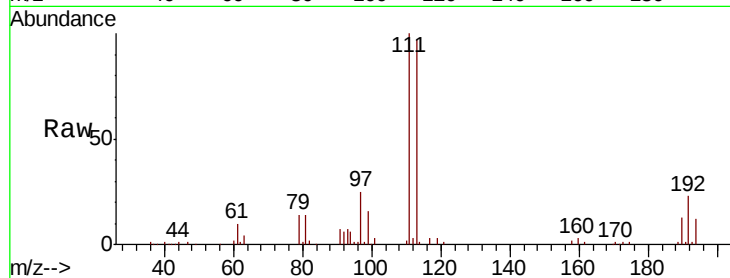
Tot Ion:113 Resp: 135555

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

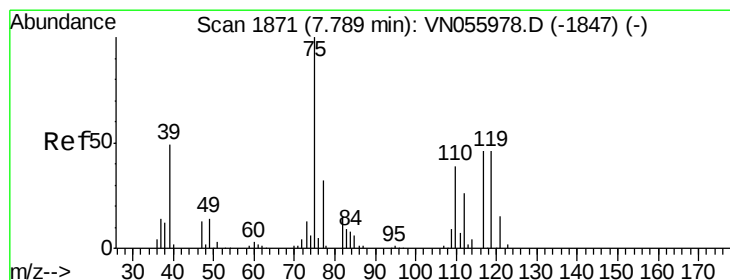
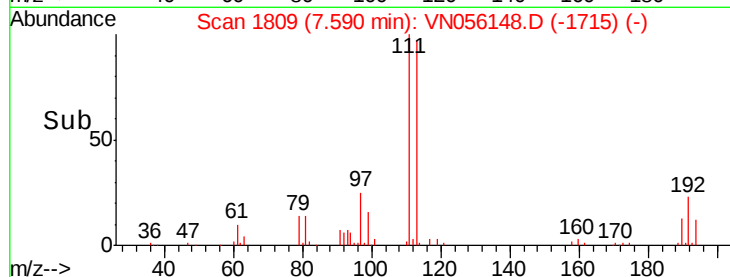
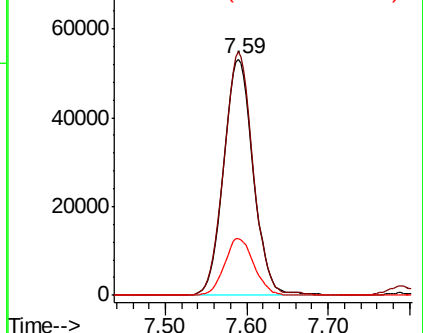
192 24.0 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.456 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

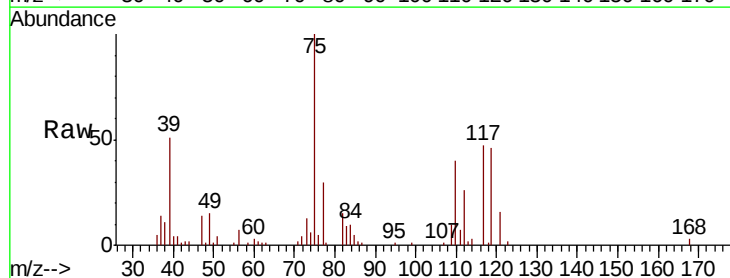
Tgt Ion: 75 Resp: 72041

Ion Ratio Lower Upper

75 100

110 37.4 19.0 57.0

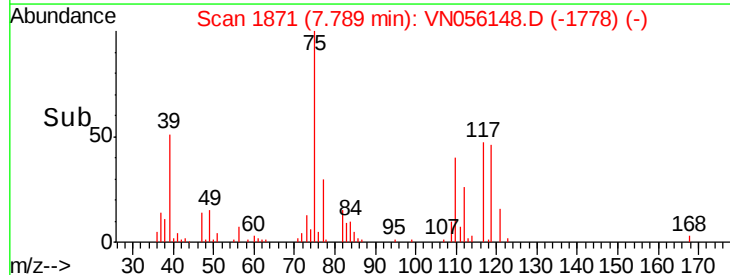
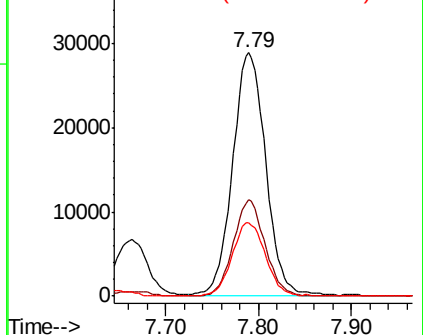
77 30.2 25.1 37.7

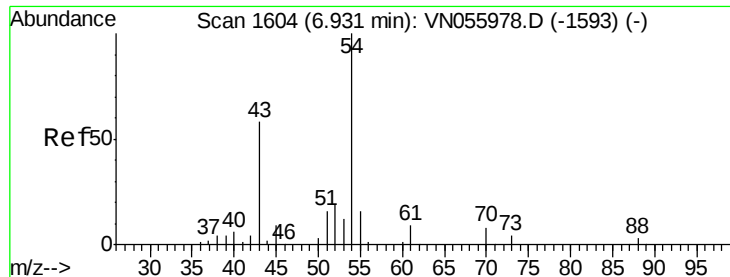


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

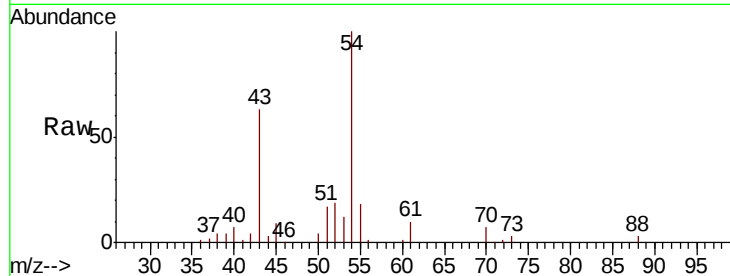




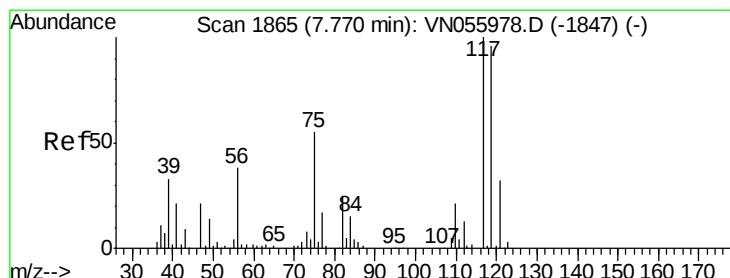
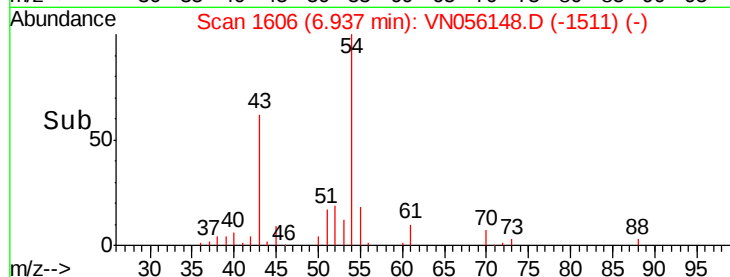
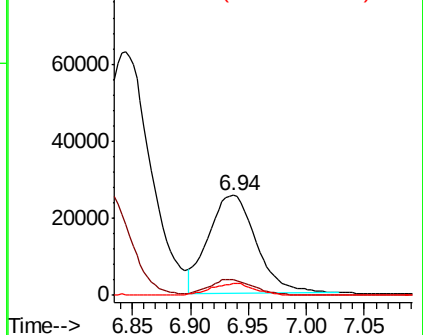
#37
Ethyl Acetate
Concen: 22.424 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 43 Resp: 73879
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.1 8.9 13.3

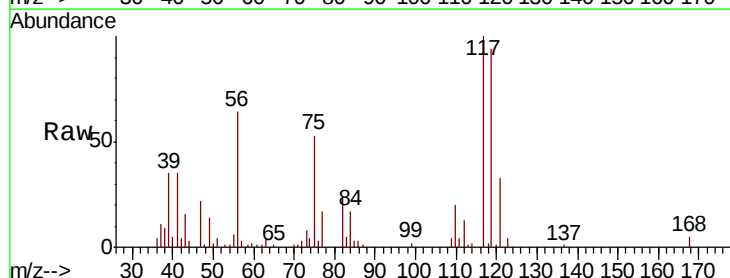


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

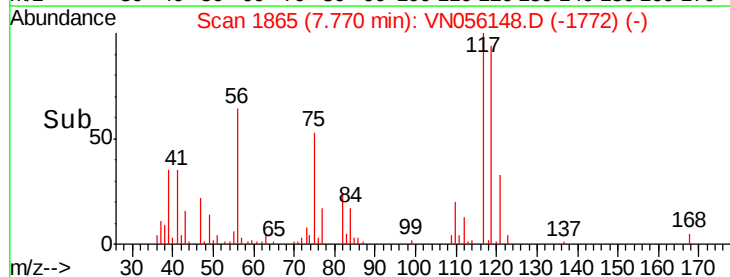
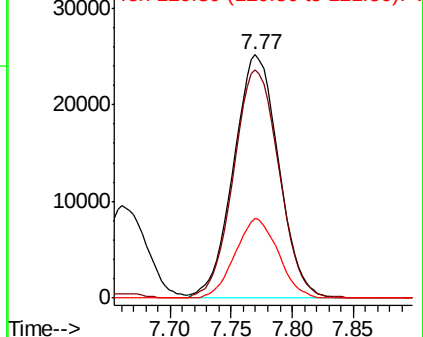


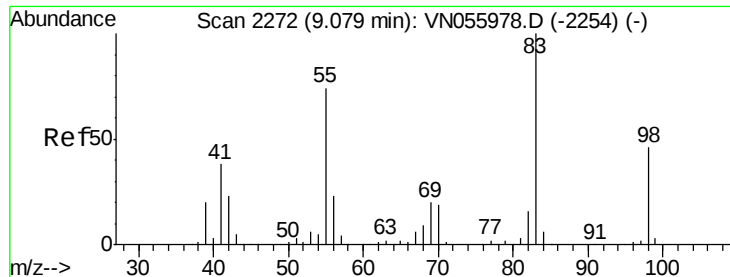
#38
Carbon Tetrachloride
Concen: 18.856 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 117 Resp: 64370
Ion Ratio Lower Upper
117 100
119 93.8 79.0 118.6
121 32.6 24.7 37.1



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

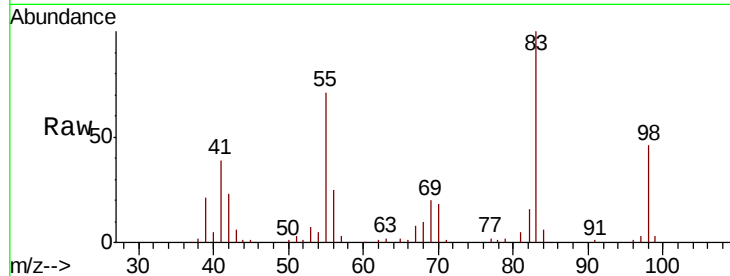




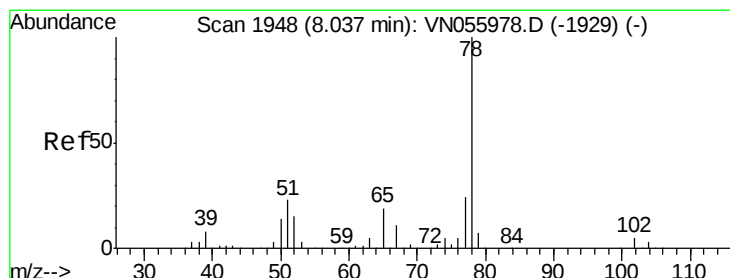
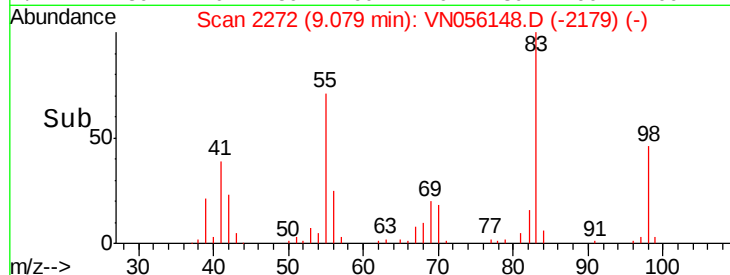
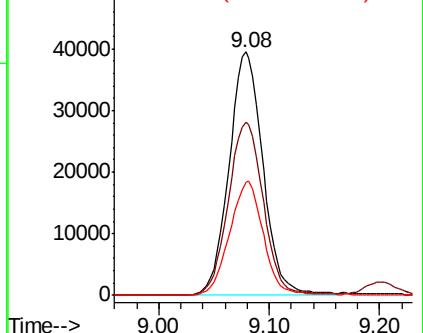
#39
Methvlcvclohexane
Concen: 18.283 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 83 Resp: 84331
Ion Ratio Lower Upper
83 100
55 71.0 59.3 88.9
98 46.3 36.6 54.8

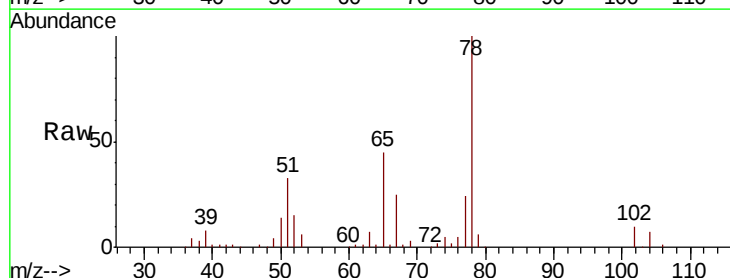


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

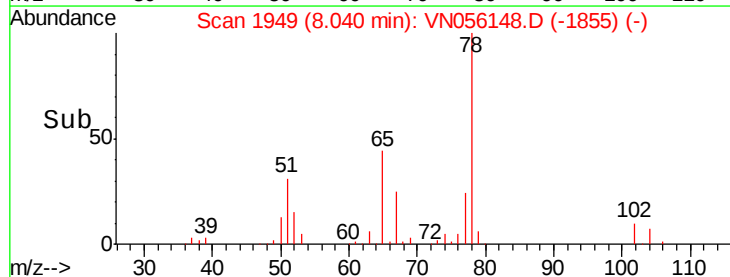
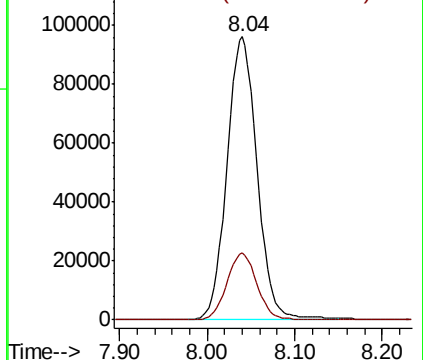


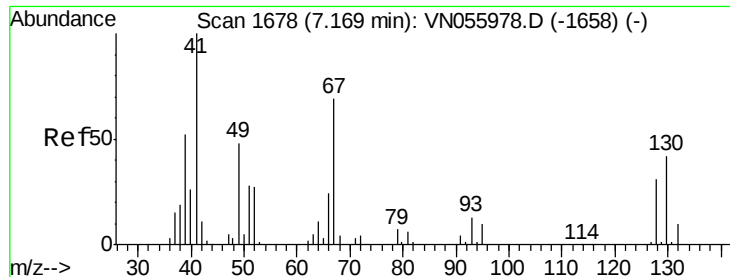
#40
Benzene
Concen: 20.450 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 78 Resp: 229988
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

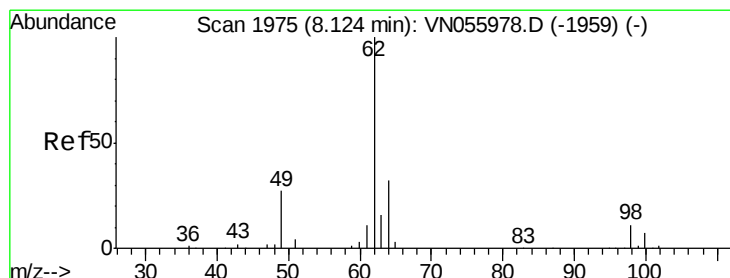
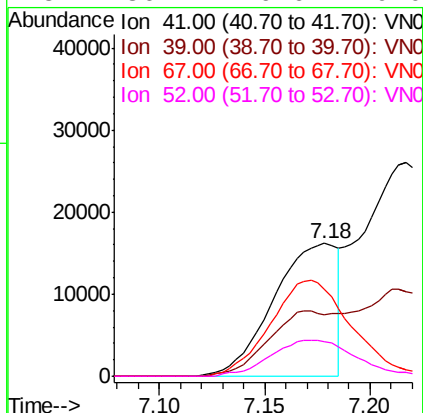
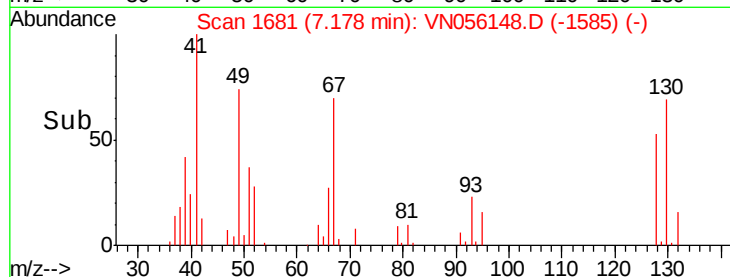
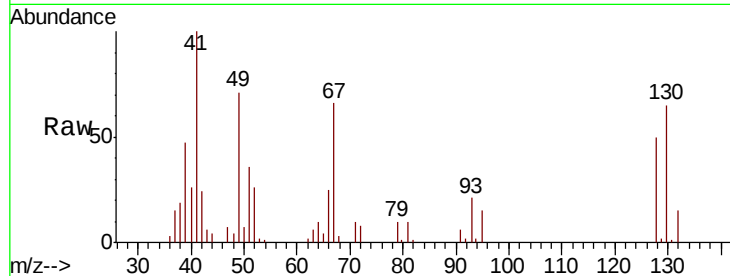




#41
Methacrylonitrile
Concen: 22.471 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

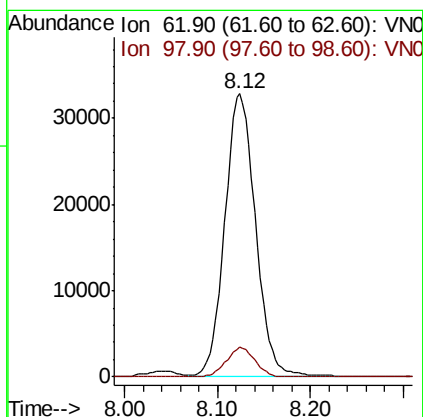
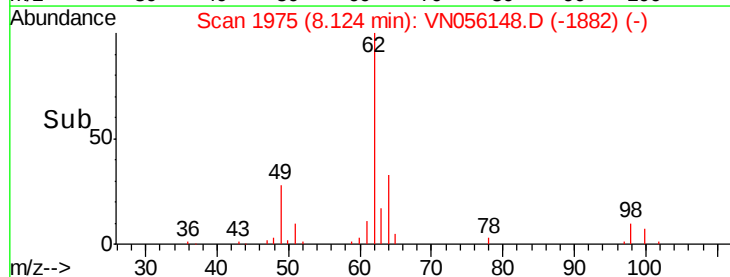
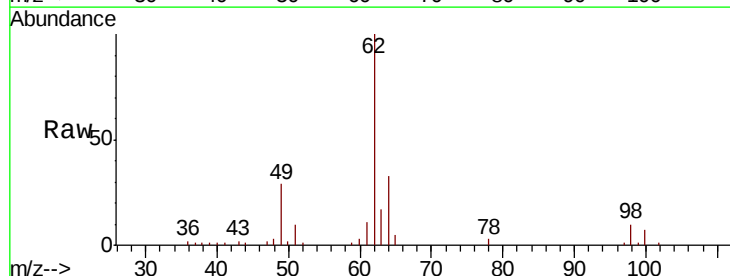
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

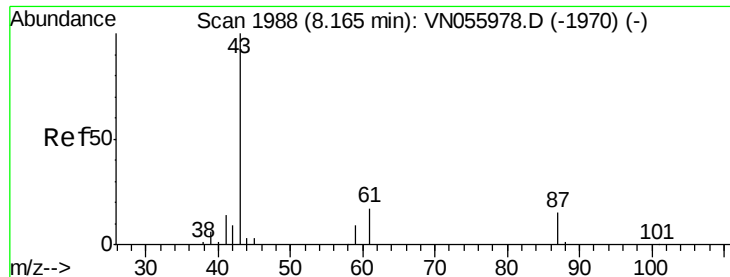
Tot Ion: 41 Resp: 34062
Ion Ratio Lower Upper
41 100
39 42.6 45.6 68.4#
67 91.6 67.7 101.5
52 36.7 26.6 40.0



#42
1,2-Dichloroethane
Concen: 20.939 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 62 Resp: 75746
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.2





#43

Isopropyl Acetate

Concen: 20.673 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

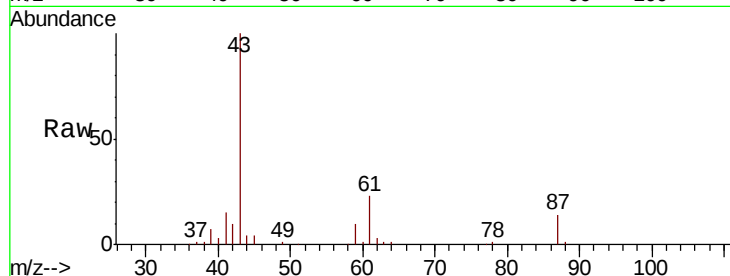
Tot Ion: 43 Resp: 110371

Ion Ratio Lower Upper

43 100

61 21.3 22.2 33.4#

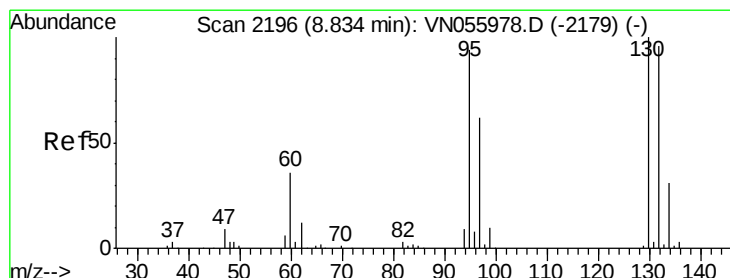
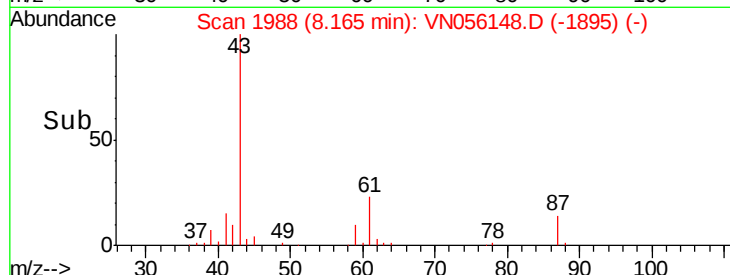
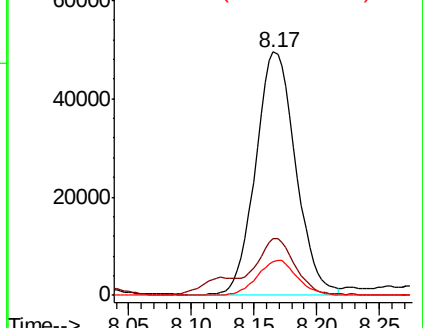
87 14.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 20.052 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056148.D

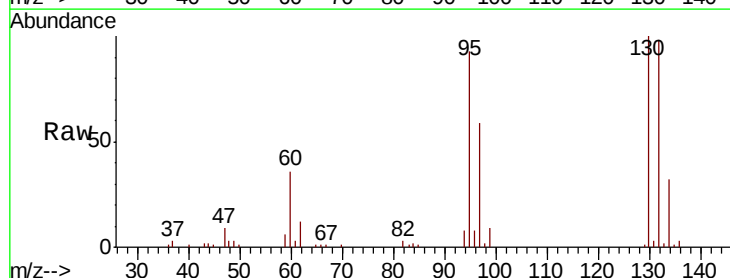
Acq: 8 Jun 2019 12:52

Tgt Ion:130 Resp: 64801

Ion Ratio Lower Upper

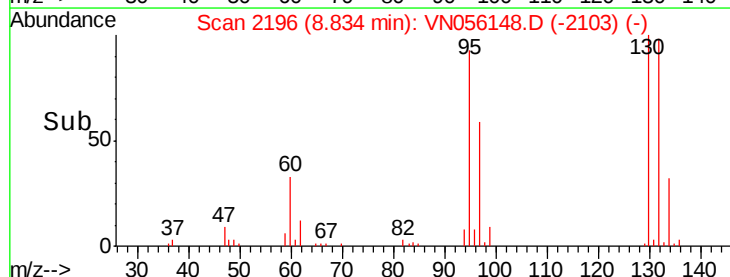
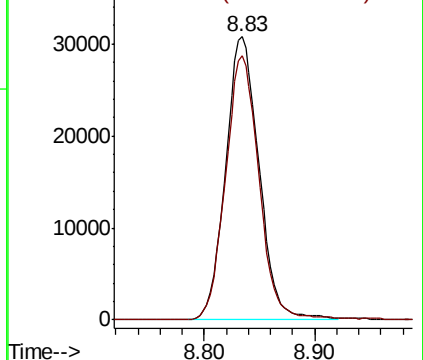
130 100

95 93.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.830 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

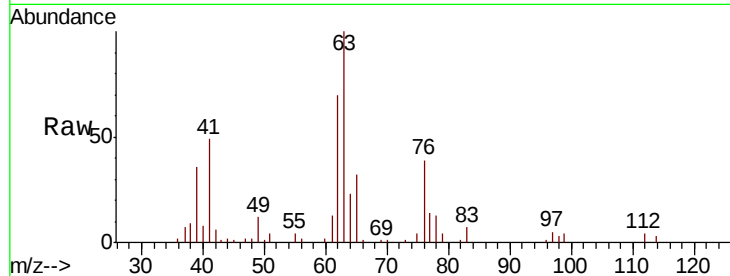
VN0608WBSD04

Tot Ion: 63 Resp: 60004

Ion Ratio Lower Upper

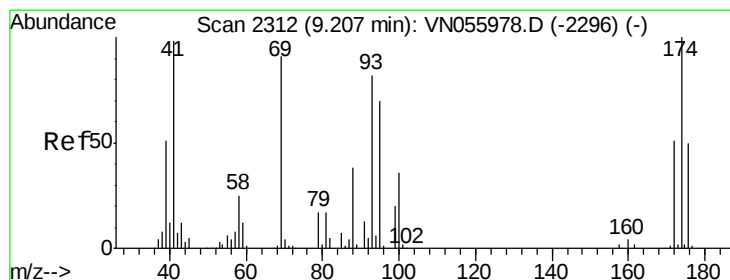
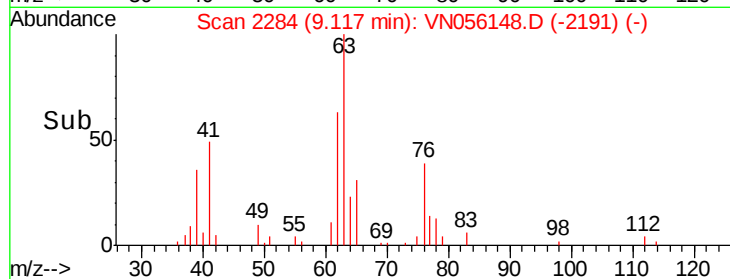
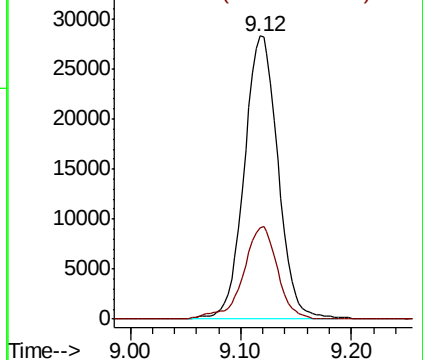
63 100

65 32.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.272 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

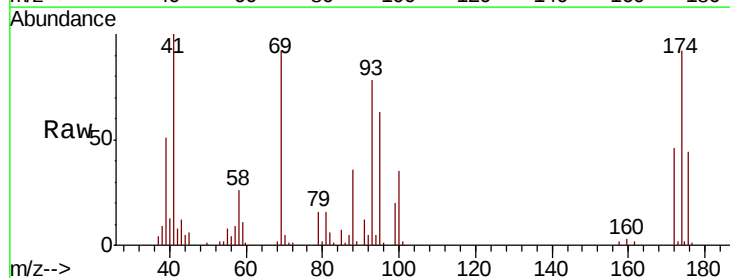
Tgt Ion: 93 Resp: 40071

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

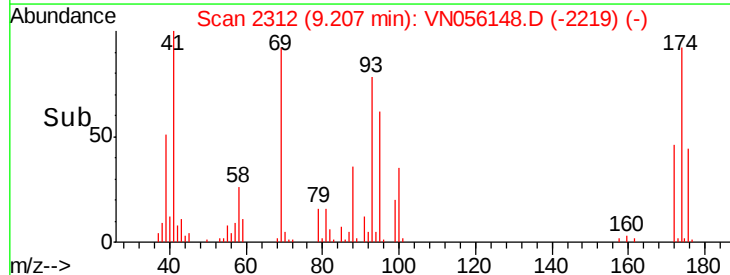
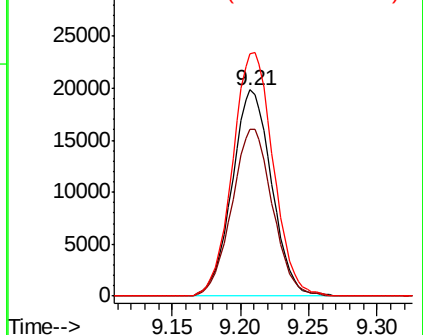
174 121.0 96.4 144.6

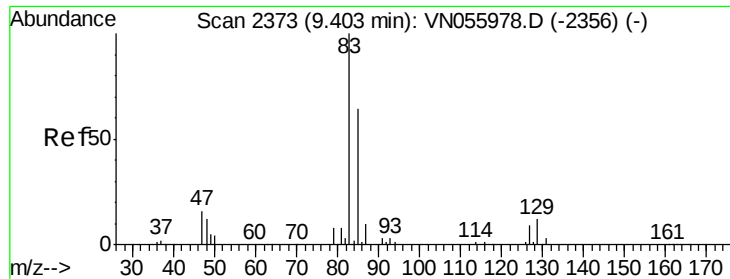


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

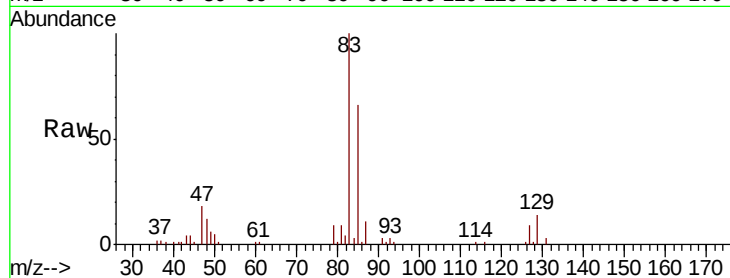




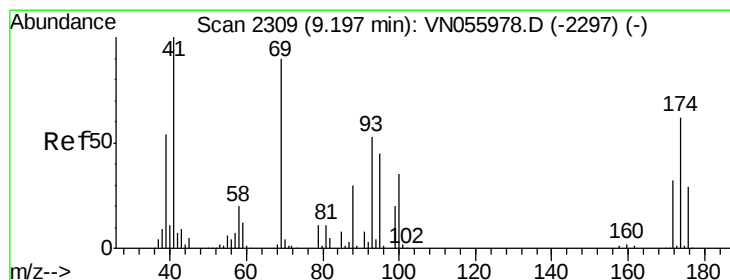
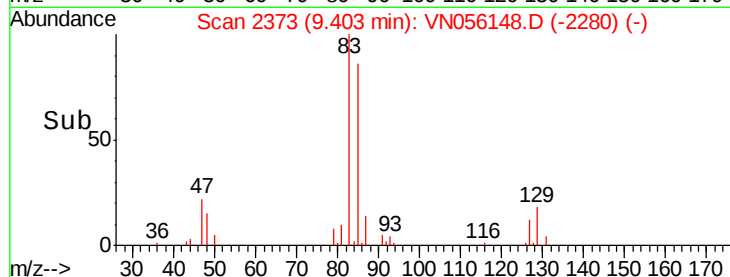
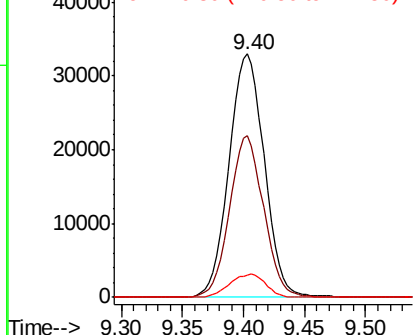
#47
Bromodichloromethane
Concen: 19.426 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion: 83 Resp: 66322
Ion Ratio Lower Upper
83 100
85 66.2 52.2 78.2
127 9.3 7.4 11.0

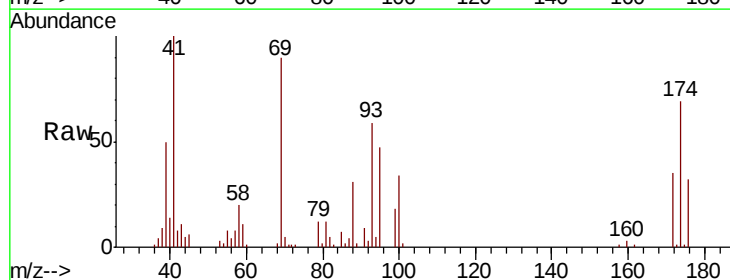


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

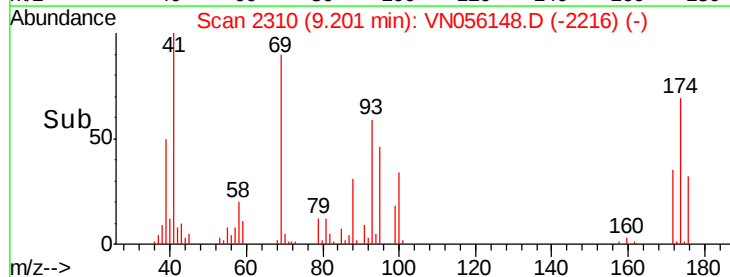
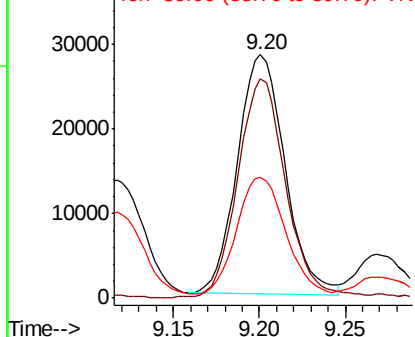


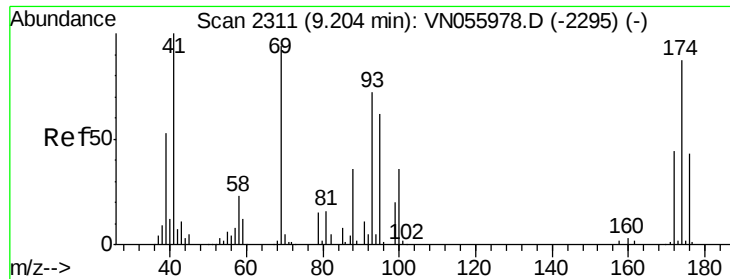
#48
Methyl methacrylate
Concen: 20.751 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 41 Resp: 54199
Ion Ratio Lower Upper
41 100
69 93.2 71.0 106.6
39 54.0 44.2 66.2



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





#49

1,4-Dioxane

Concen: 423.852 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

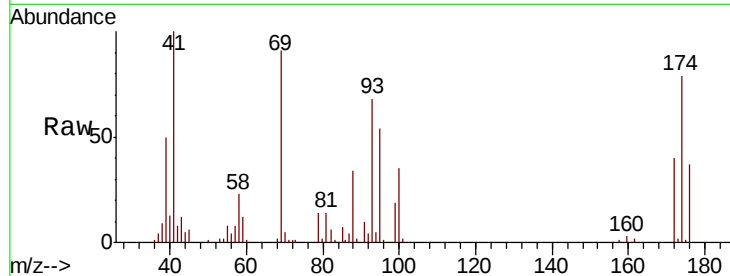
Tot Ion: 88 Resp: 23900

Ion Ratio Lower Upper

88 100

43 25.1 20.5 30.7

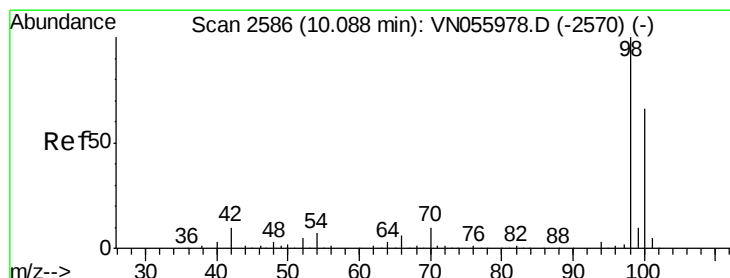
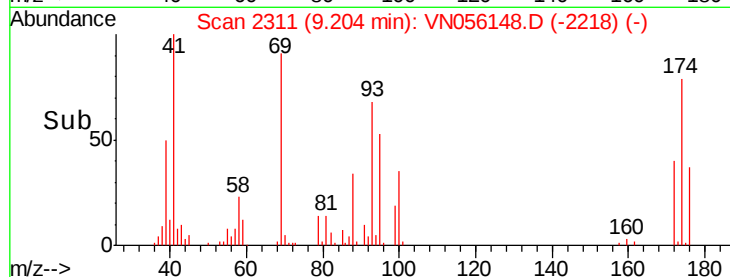
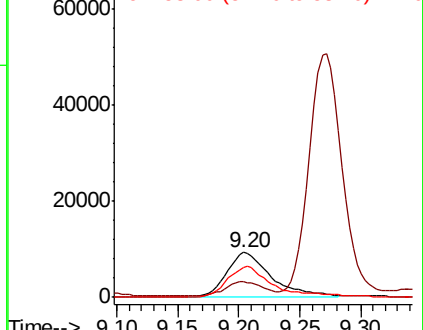
58 71.6 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.756 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056148.D

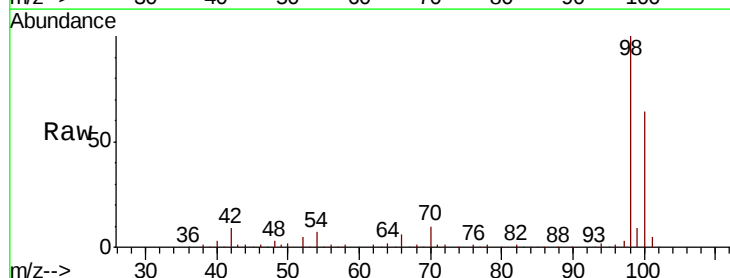
Acq: 8 Jun 2019 12:52

Tgt Ion: 98 Resp: 516018

Ion Ratio Lower Upper

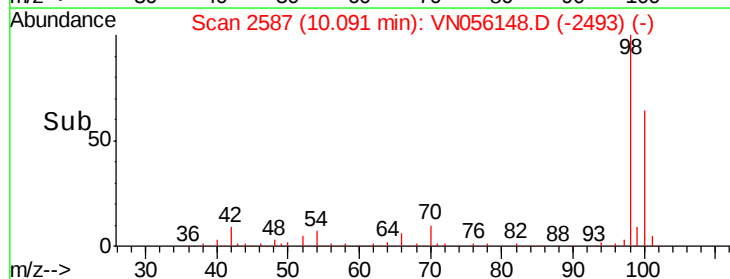
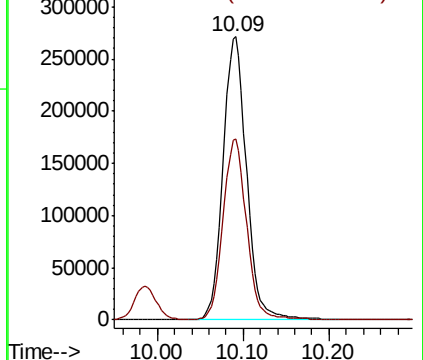
98 100

100 64.4 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: 110.406 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

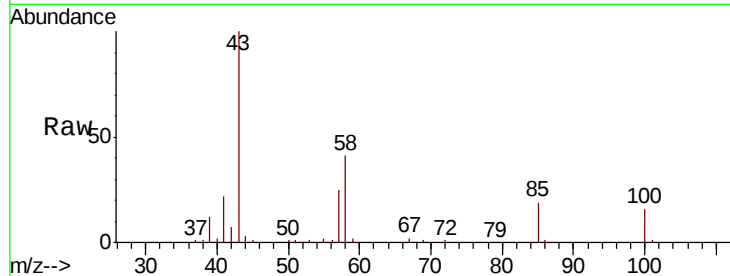
VN0608WBSD04

Tot Ion: 43 Resp: 368602

Ion Ratio Lower Upper

43 100

58 40.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

200000

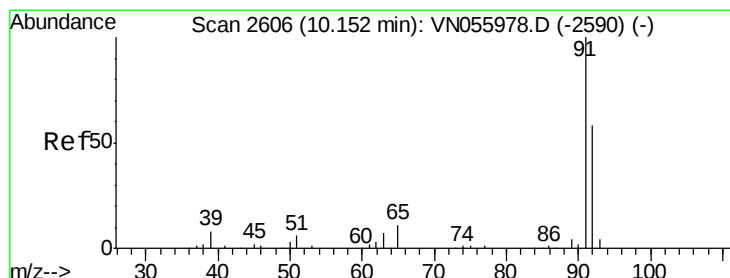
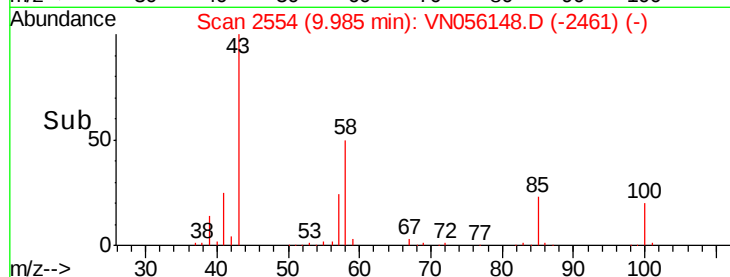
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.471 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056148.D

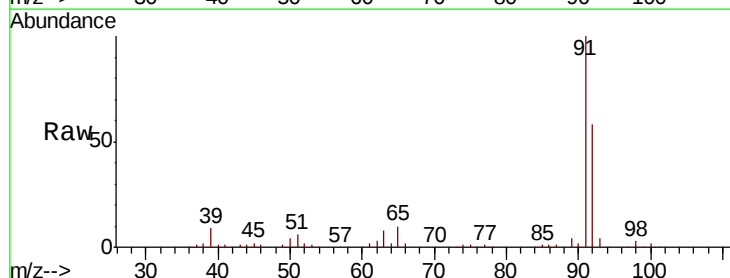
Acq: 8 Jun 2019 12:52

Tgt Ion: 92 Resp: 143258

Ion Ratio Lower Upper

92 100

91 174.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

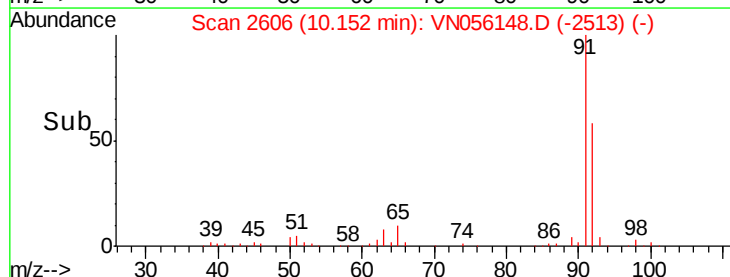
150000

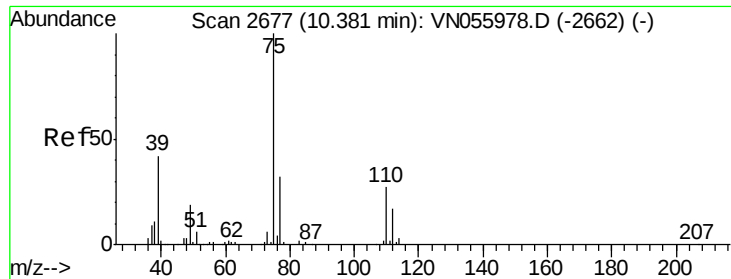
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 15.846 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

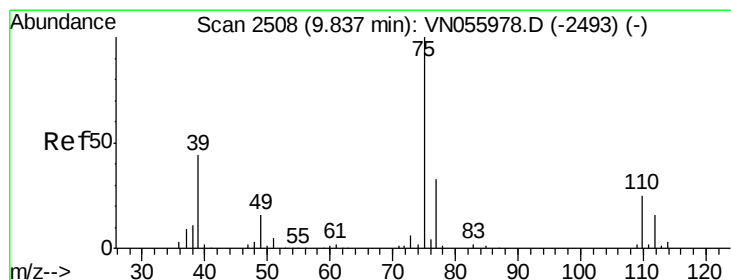
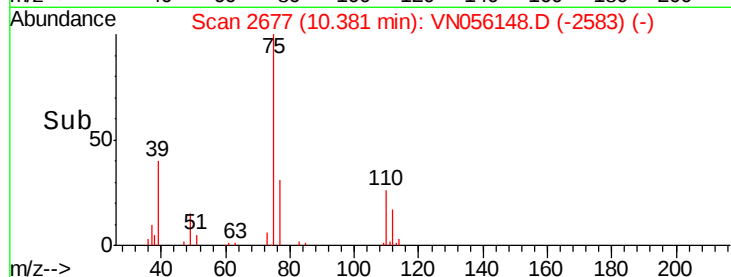
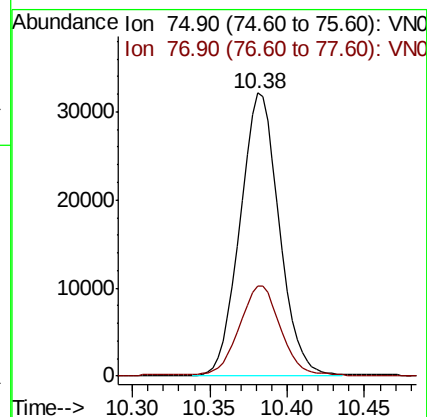
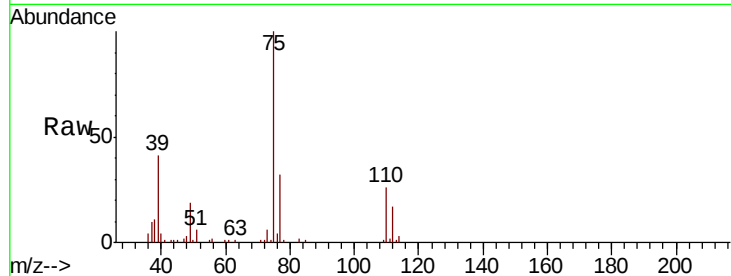
VN0608WBSD04

Tot Ion: 75 Resp: 56541

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.132 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

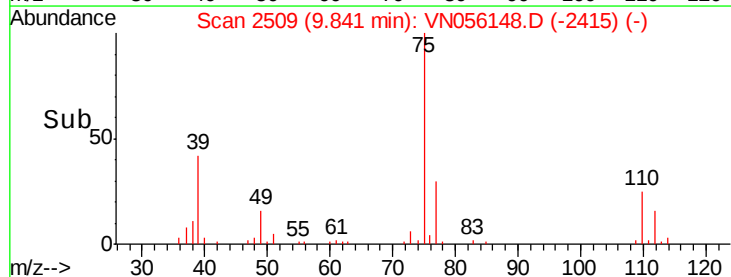
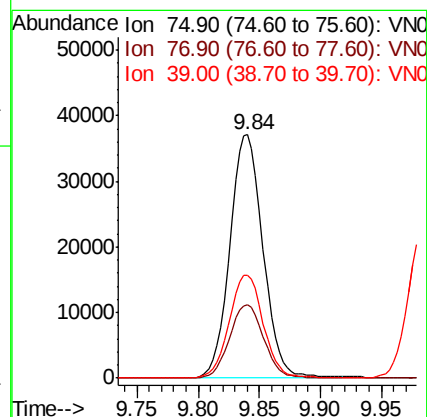
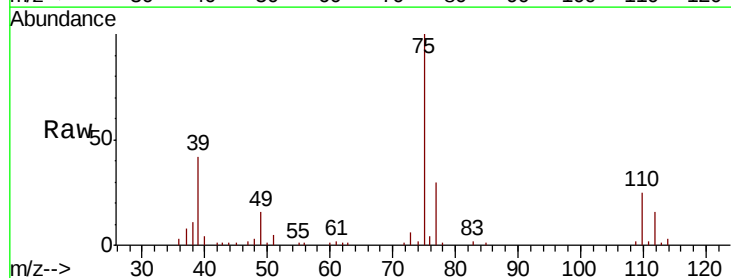
Tgt Ion: 75 Resp: 70305

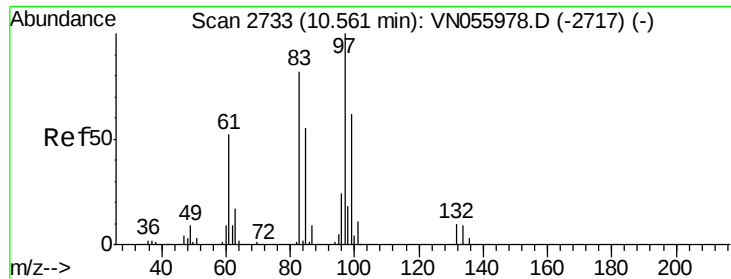
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 42.4 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 21.098 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

Tot Ion: 97 Resp: 58485

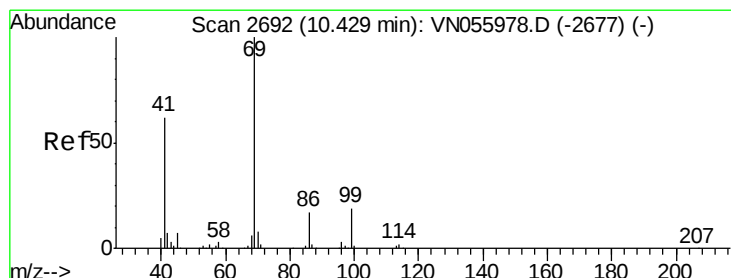
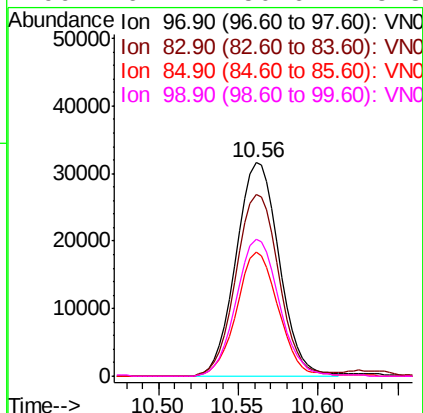
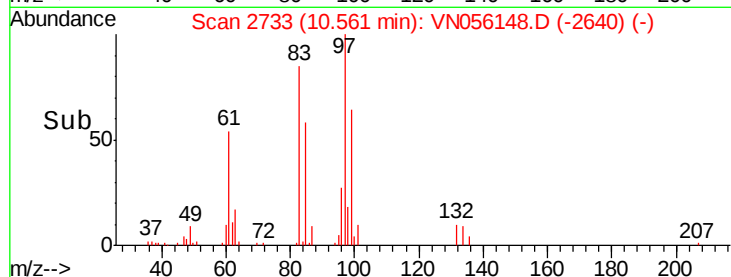
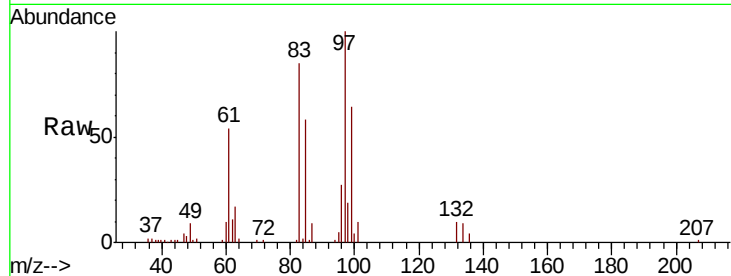
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.0	100.6
85	58.2	44.0	66.0
99	64.4	50.6	75.8

97 100

83 85.2 67.0 100.6

85 58.2 44.0 66.0

99 64.4 50.6 75.8



#56

Ethyl methacrylate

Concen: 20.756 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

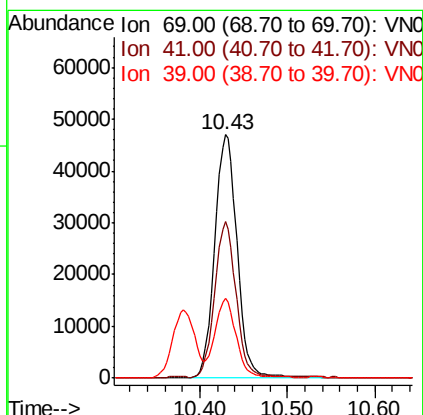
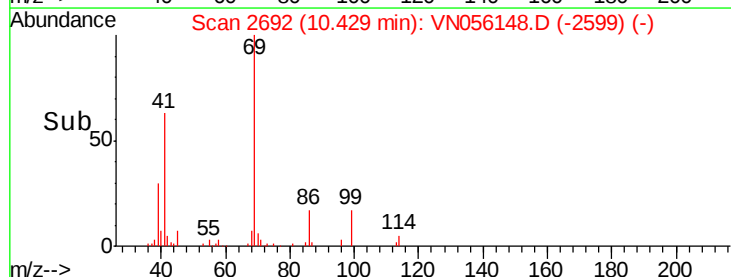
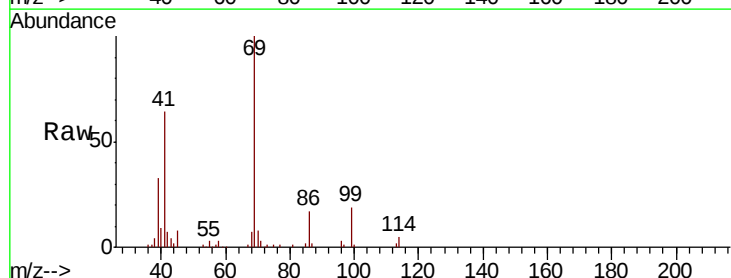
Tgt Ion: 69 Resp: 83942

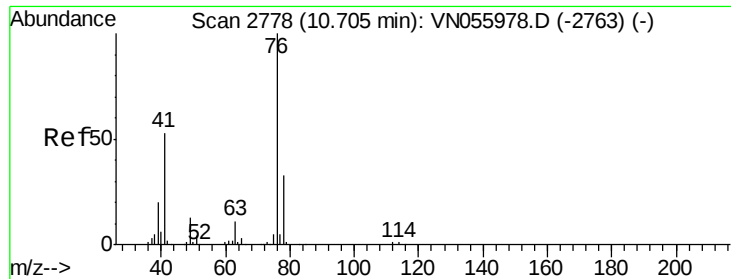
Ion	Ratio	Lower	Upper
69	100		
41	60.2	49.7	74.5
39	29.9	24.7	37.1

69 100

41 60.2 49.7 74.5

39 29.9 24.7 37.1

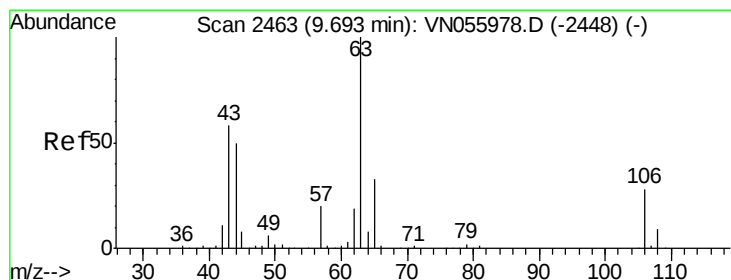
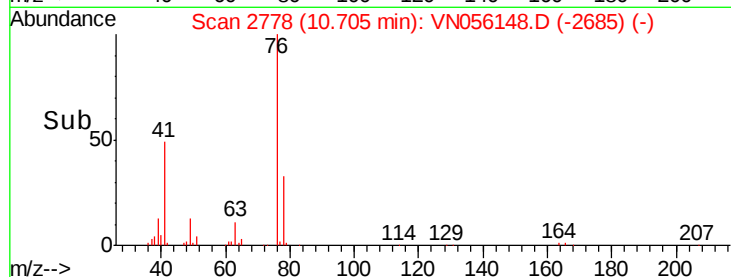
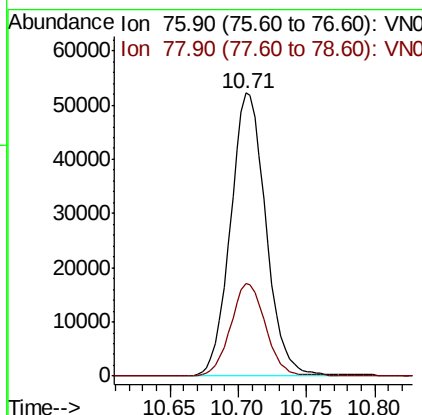
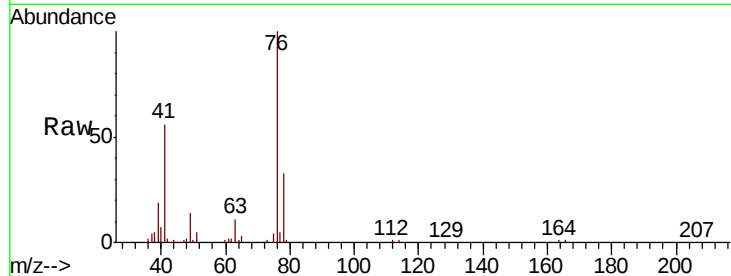




#57
 1,3-Dichloropropane
 Concen: 20.912 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

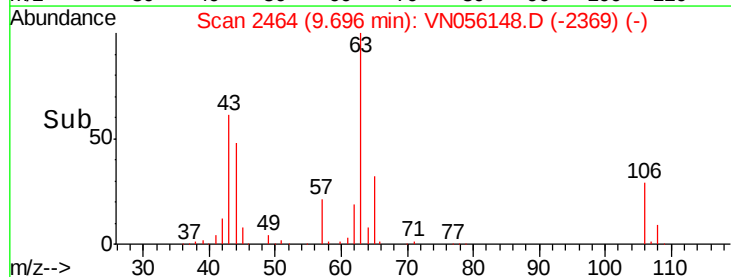
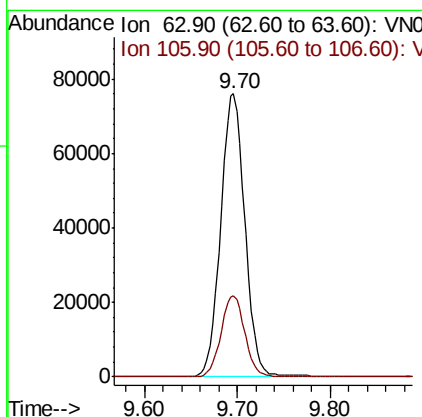
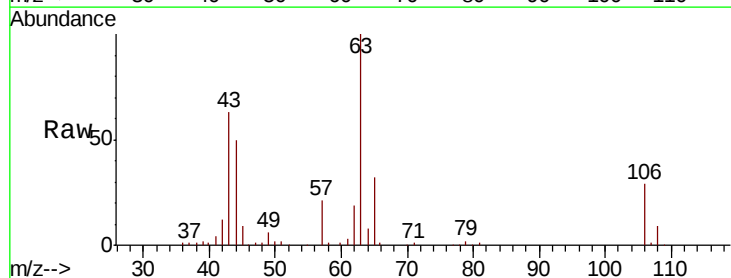
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

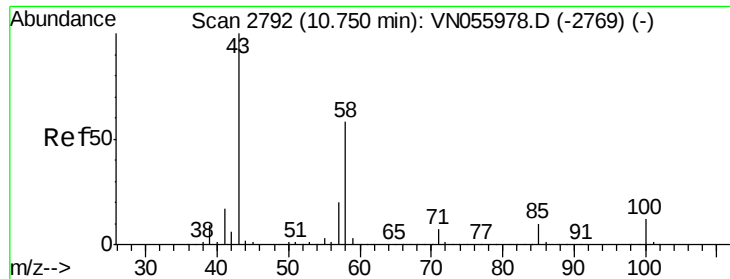
Tot Ion: 76 Resp: 94235
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.532 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion: 63 Resp: 137511
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.7 34.1

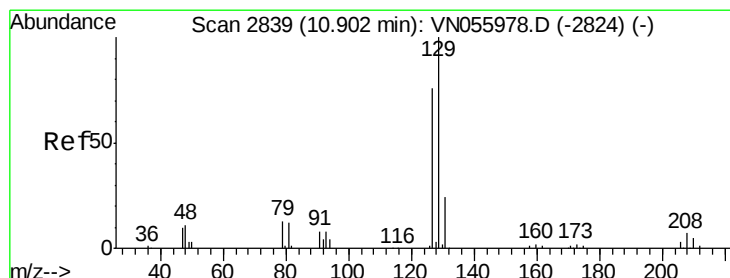
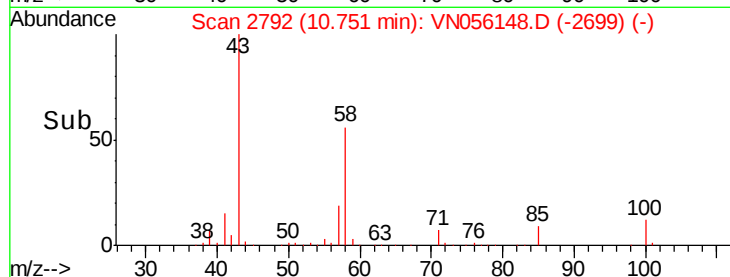
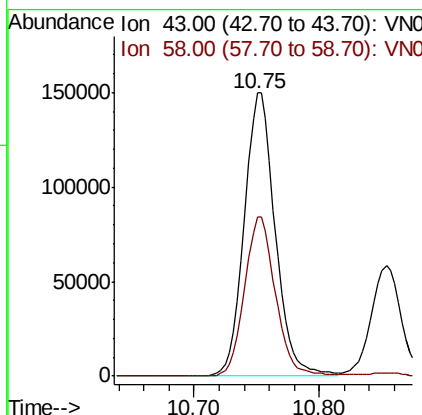
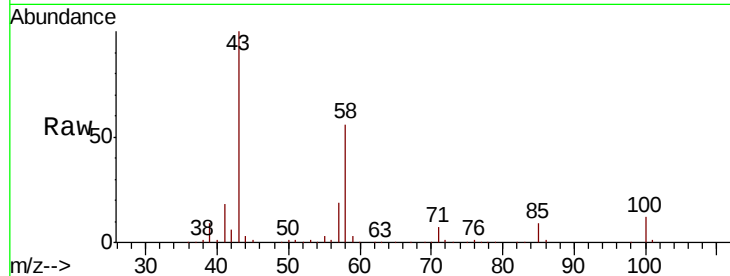




#59
2-Hexanone
Concen: 106.126 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

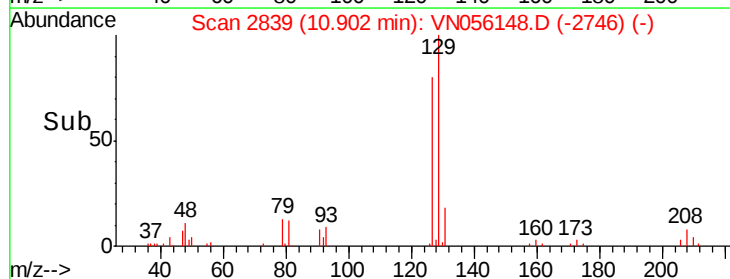
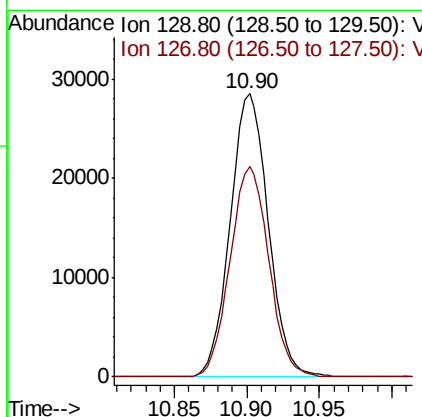
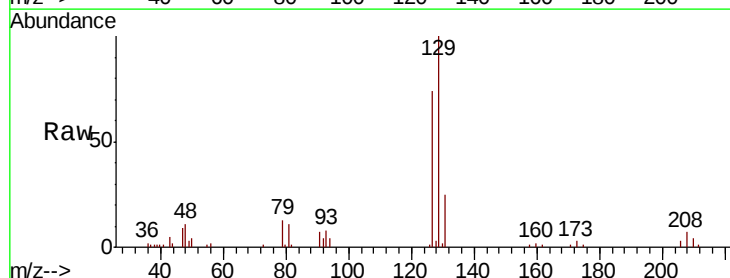
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

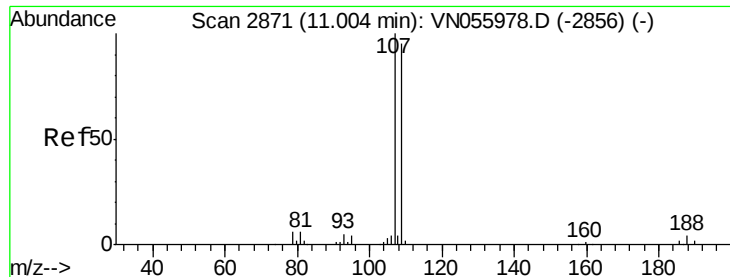
Tot Ion: 43 Resp: 256800
Ion Ratio Lower Upper
43 100
58 56.2 28.2 84.7



#60
Dibromochloromethane
Concen: 18.627 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion:129 Resp: 52002
Ion Ratio Lower Upper
129 100
127 75.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.032 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

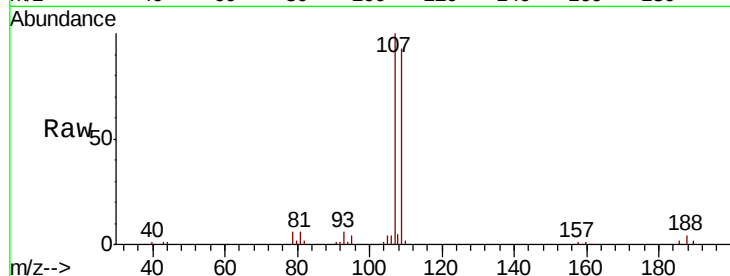
VN0608WBSD04

Tot Ion:107 Resp: 59602

Ion Ratio Lower Upper

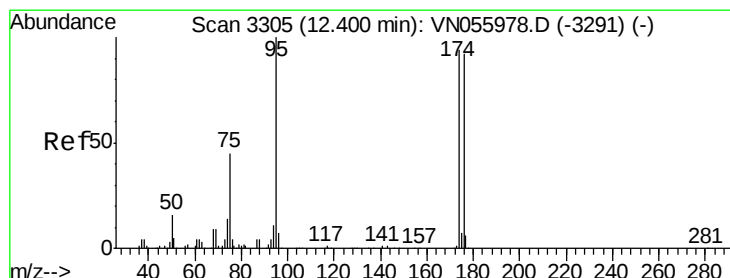
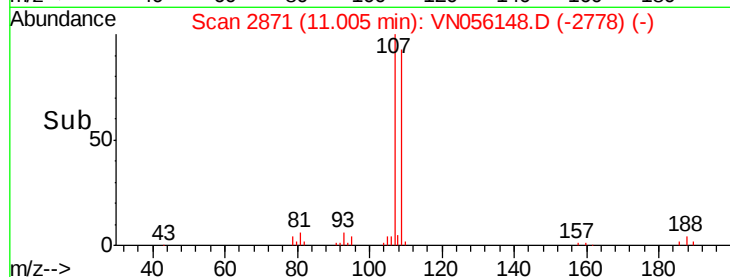
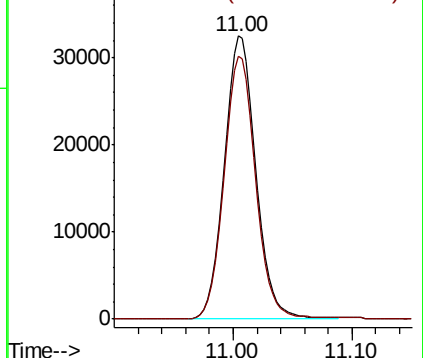
107 100

109 92.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.178 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

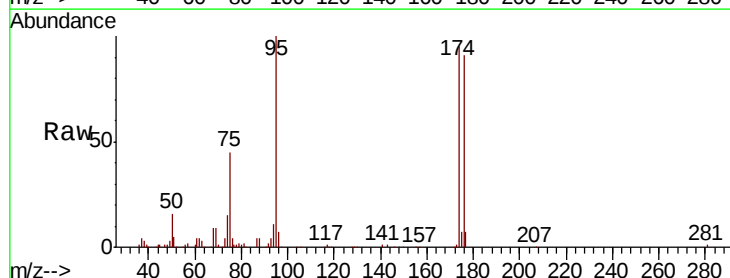
Tgt Ion: 95 Resp: 166571

Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

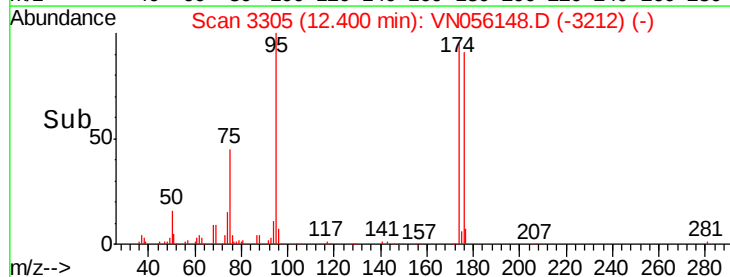
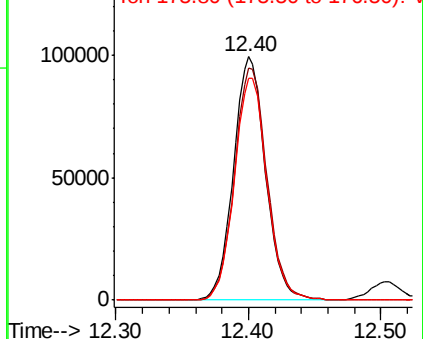
176 93.0 0.0 185.2

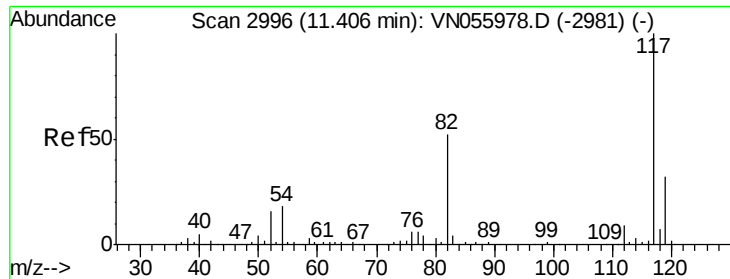


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

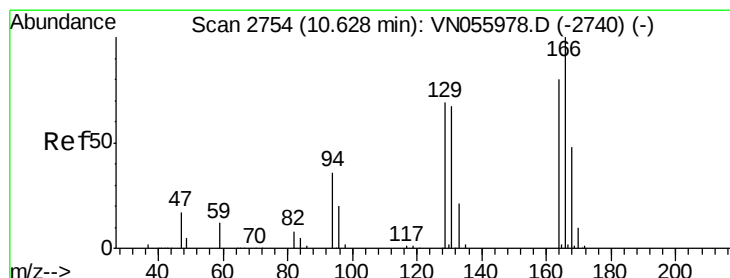
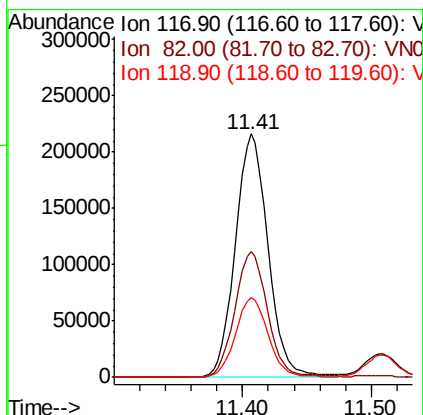
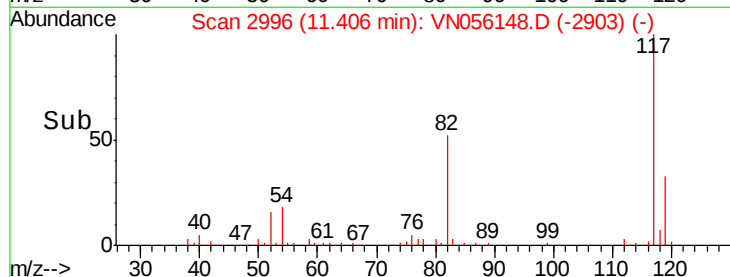
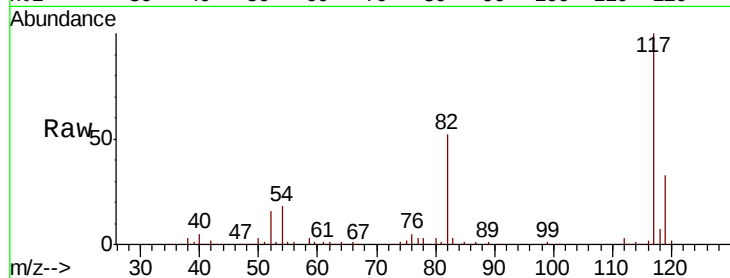




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

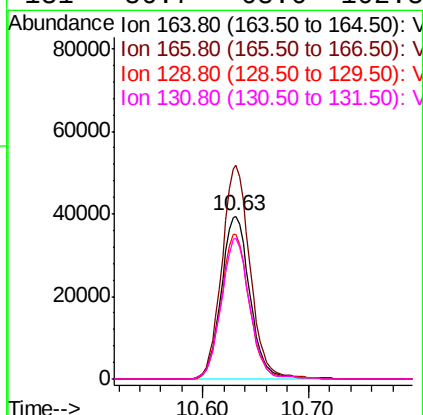
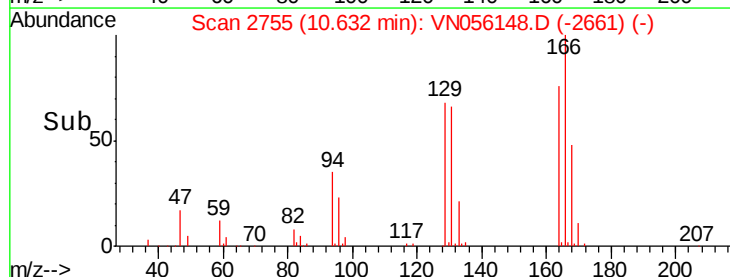
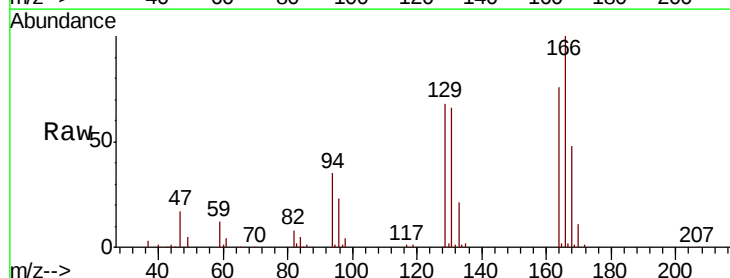
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

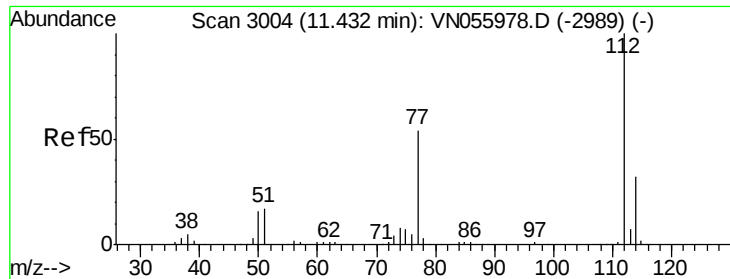
Tot Ion:117 Resp: 382047
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 22.441 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion:164 Resp: 74215
Ion Ratio Lower Upper
164 100
166 131.1 103.0 154.6
129 88.6 70.6 105.8
131 86.7 68.6 102.8

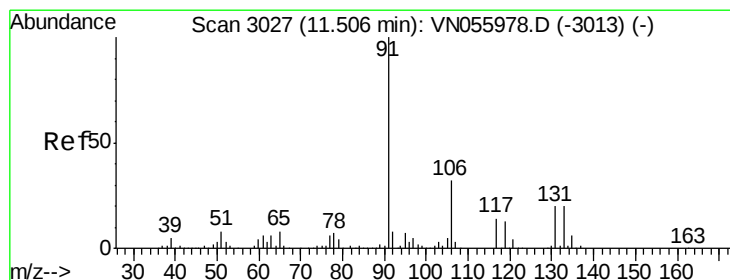
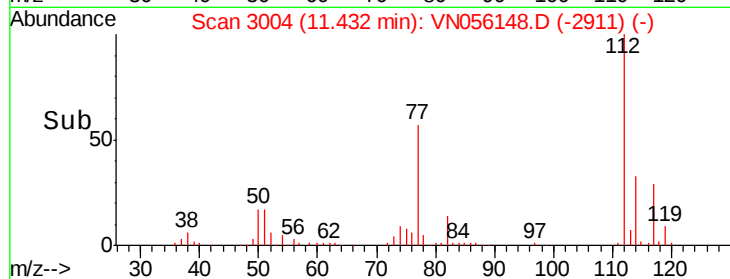
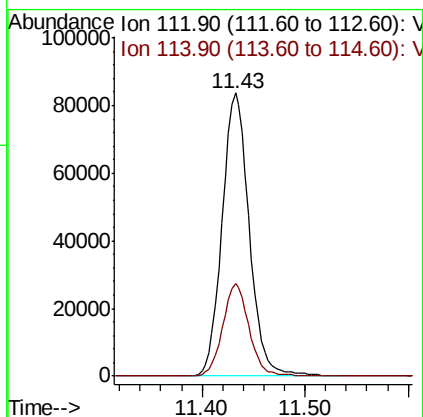
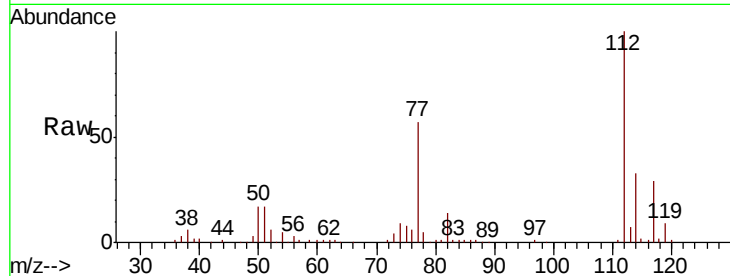




#65
Chlorobenzene
Concen: 20.205 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

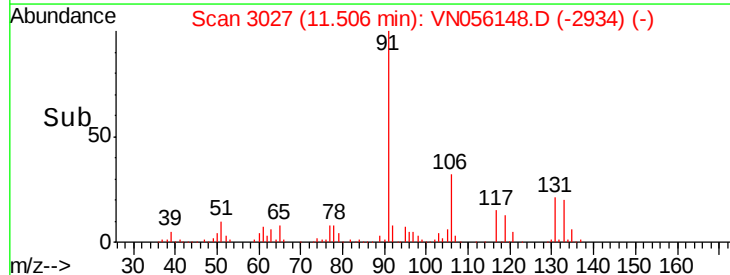
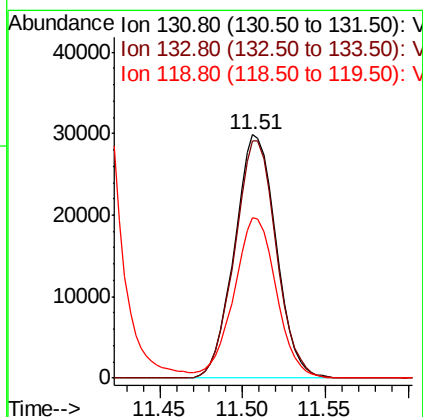
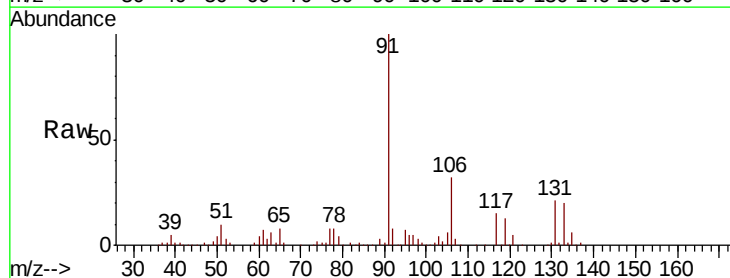
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

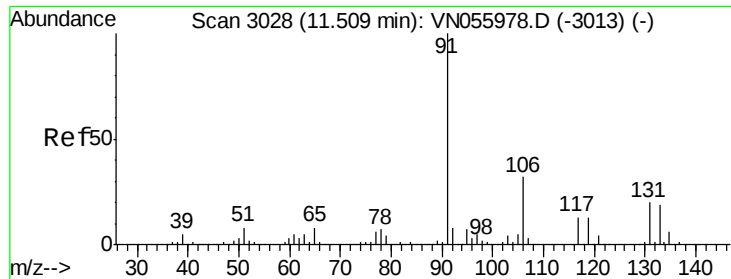
Tot Ion:112 Resp: 153632
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.895 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion:131 Resp: 52231
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 67.1 33.1 99.5

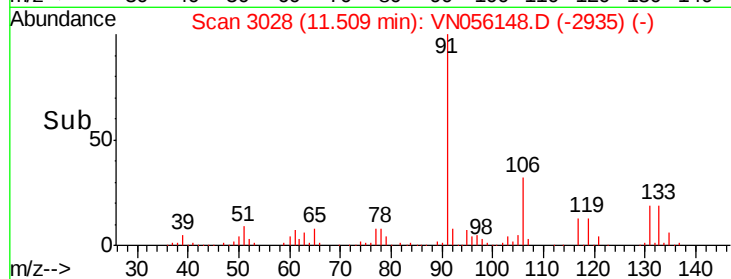
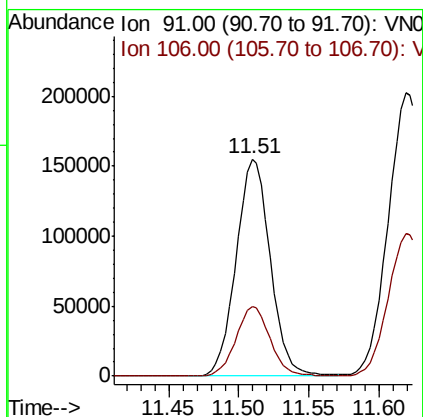
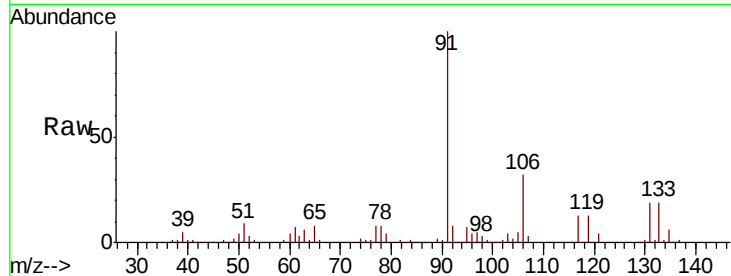




#67
Ethyl Benzene
Concen: 19.945 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

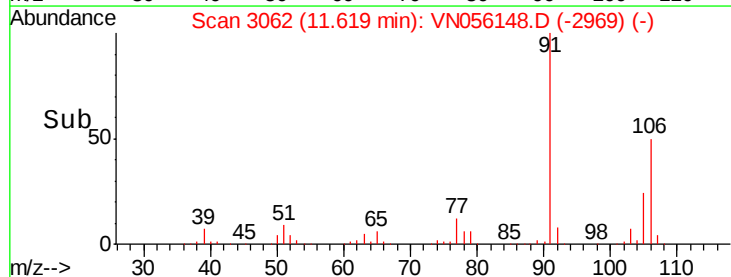
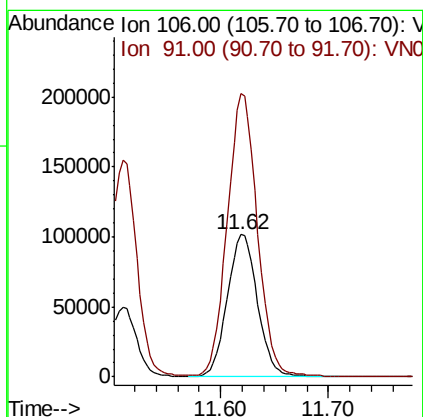
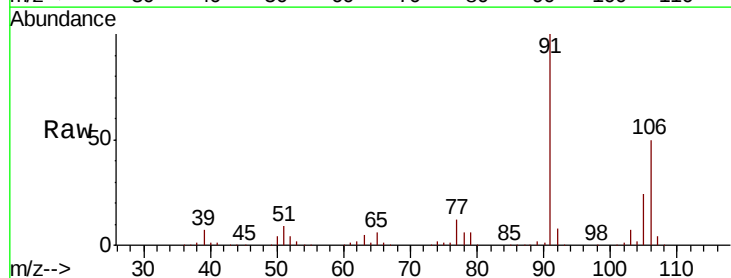
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

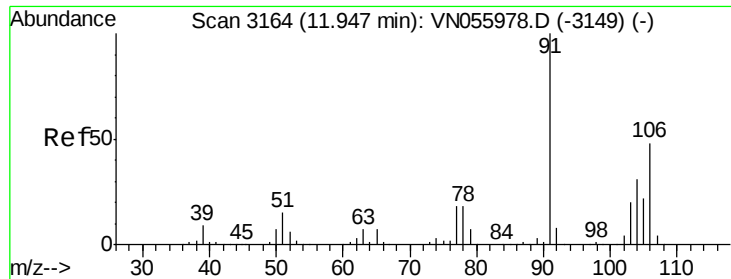
Tot Ion: 91 Resp: 263696
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 39.392 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion: 106 Resp: 198957
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

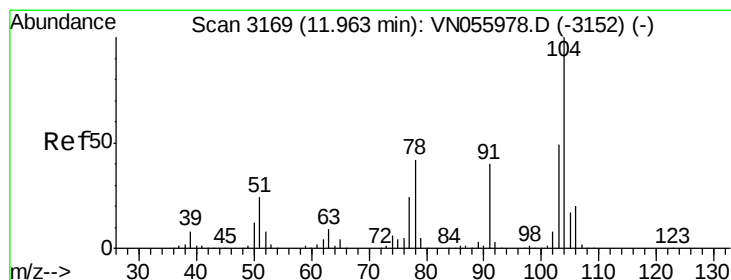
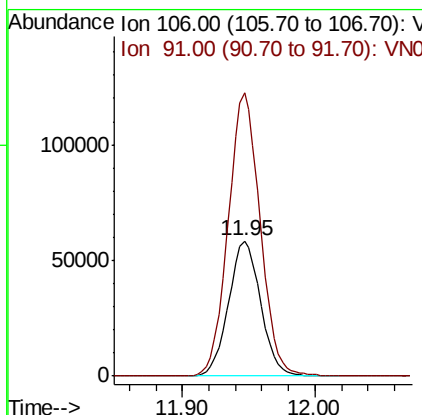
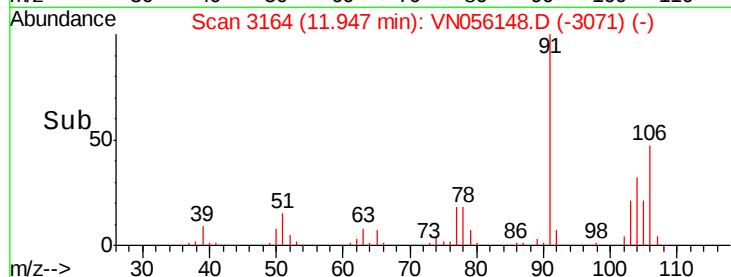
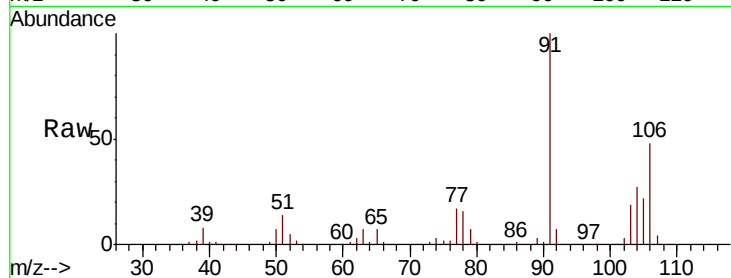




#69
o-Xylene
Concen: 19.754 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

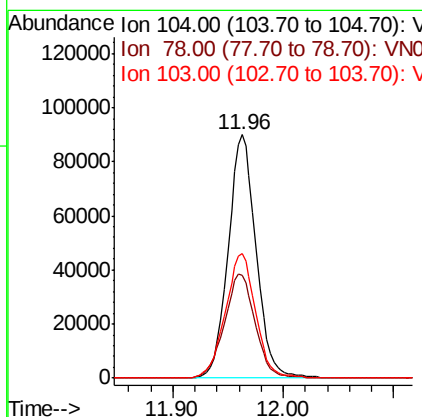
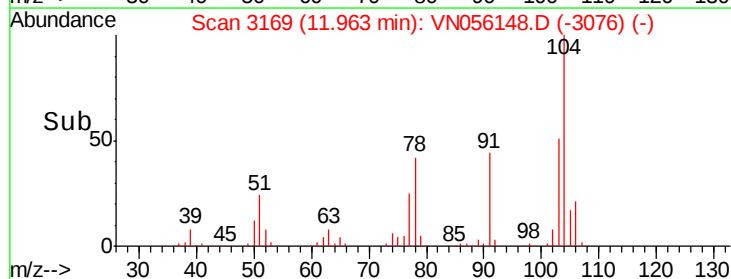
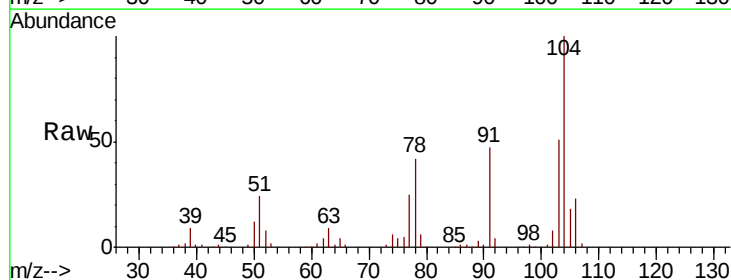
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion:106 Resp: 98139
Ion Ratio Lower Upper
106 100
91 208.6 104.7 314.1



#70
Styrene
Concen: 19.977 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion:104 Resp: 157693
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.7 44.2 66.2

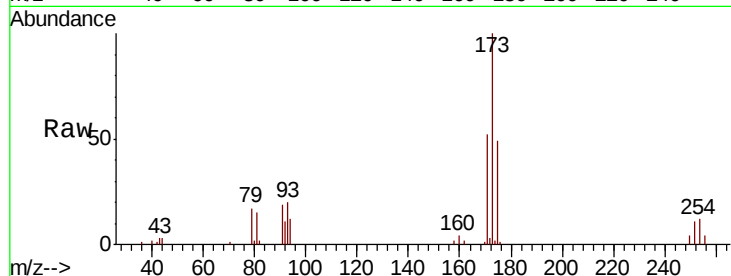




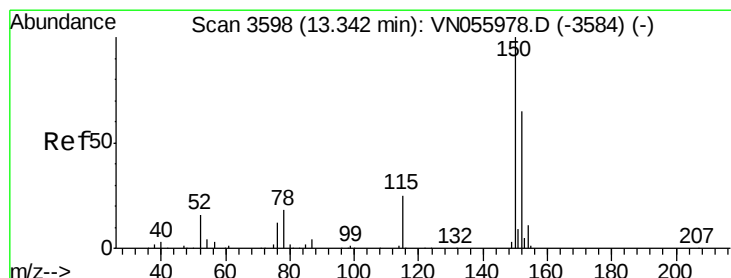
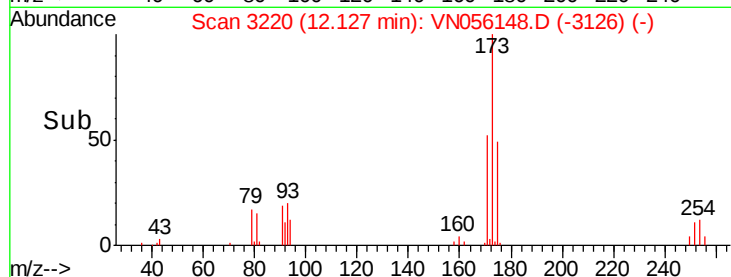
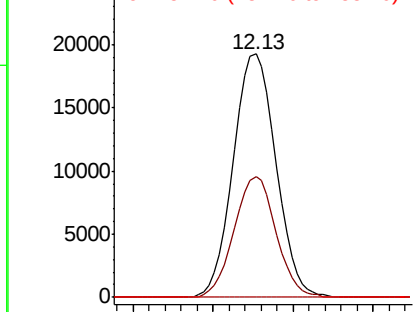
#71
Bromoform
Concen: 17.779 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBSD04

Tot Ion:173 Resp: 35067
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

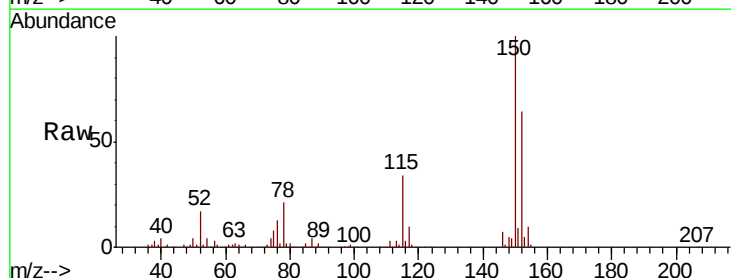


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

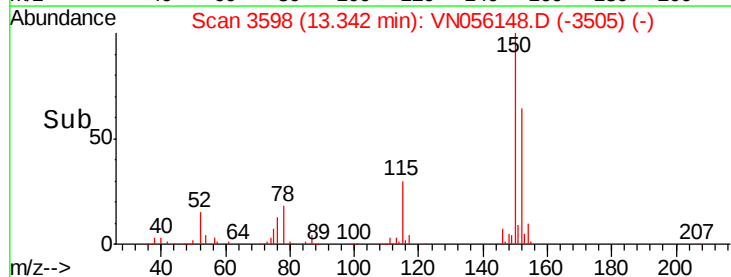
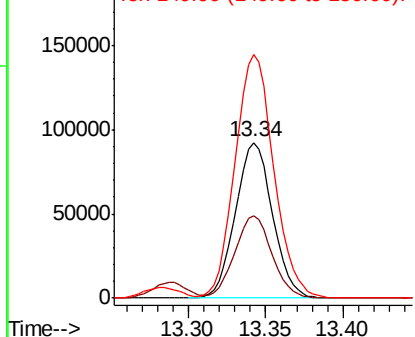


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056148.D
Acq: 8 Jun 2019 12:52

Tgt Ion:152 Resp: 153397
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 163.8 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.467 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

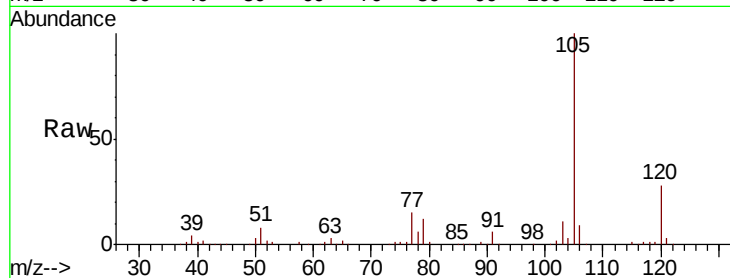
VN0608WBSD04

Tot Ion:105 Resp: 260227

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

150000

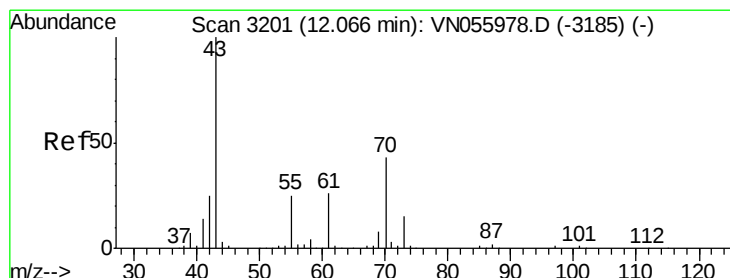
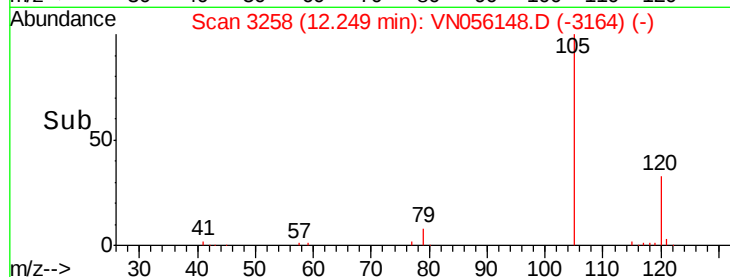
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 21.122 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Tgt Ion: 43 Resp: 86367

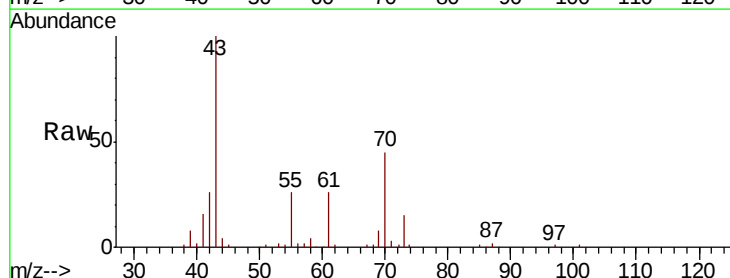
Ion Ratio Lower Upper

43 100

70 44.0 34.0 51.0

55 25.5 18.6 28.0

61 25.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

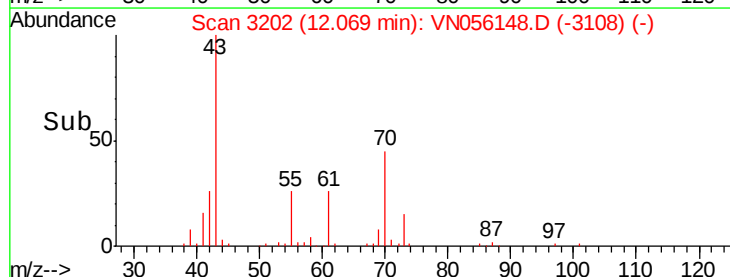
40000

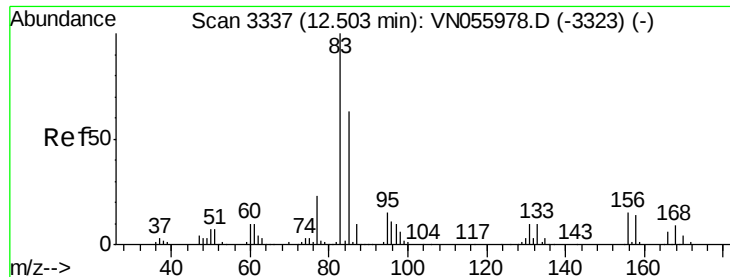
20000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.446 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

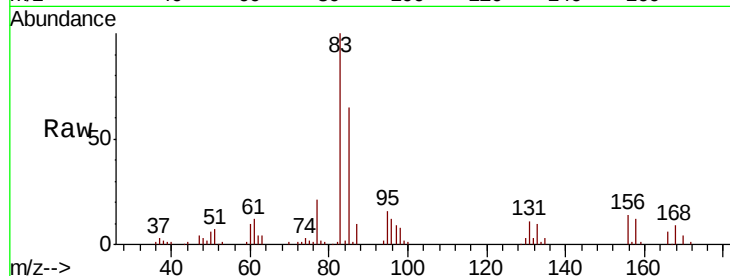
Tot Ion: 83 Resp: 79931

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

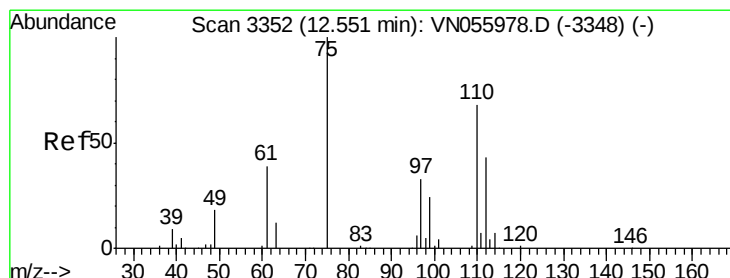
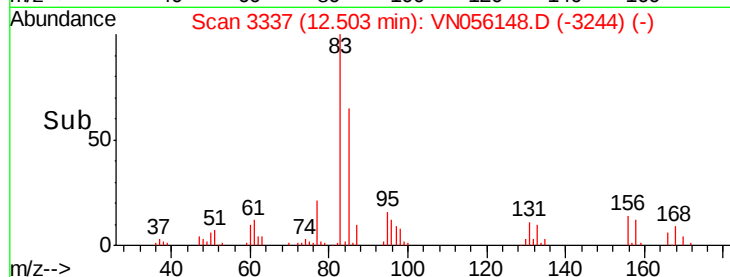
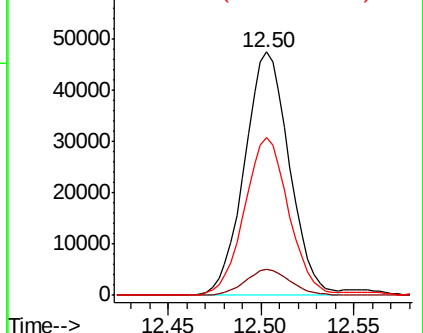
85 64.0 32.4 97.0



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: 30.673 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056148.D

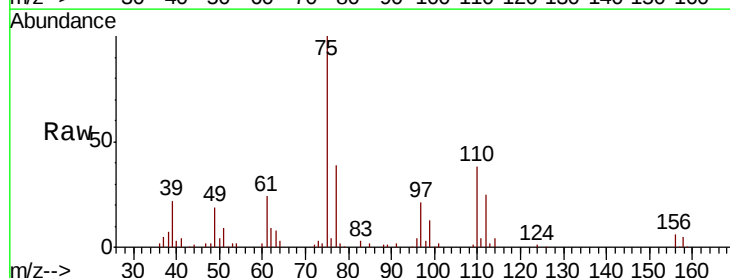
Acq: 8 Jun 2019 12:52

Tgt Ion: 75 Resp: 86576

Ion Ratio Lower Upper

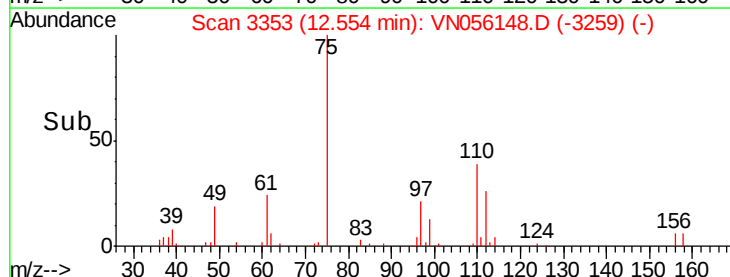
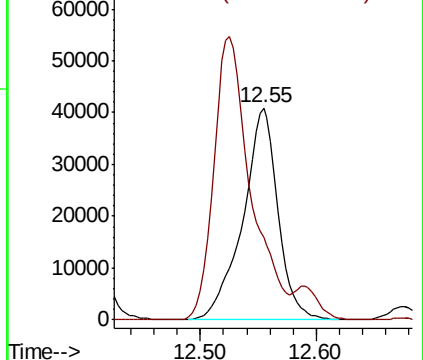
75 100

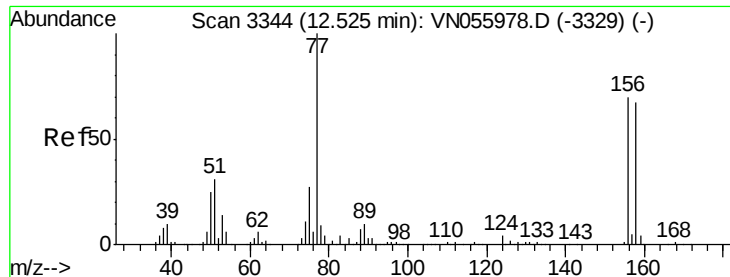
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.406 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

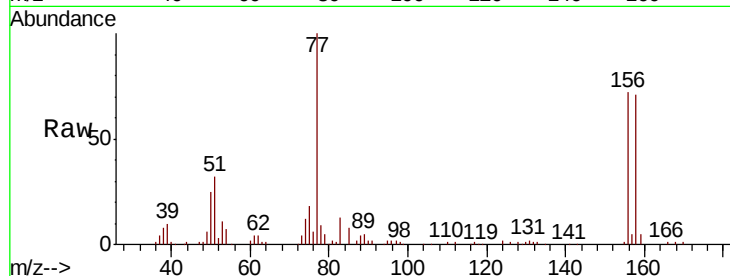
Tot Ion:156 Resp: 70302

Ion Ratio Lower Upper

156 100

77 172.3 90.8 272.5

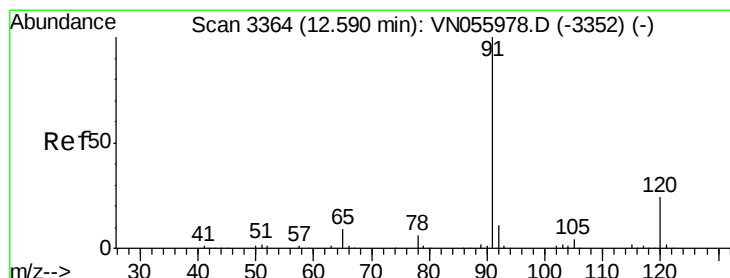
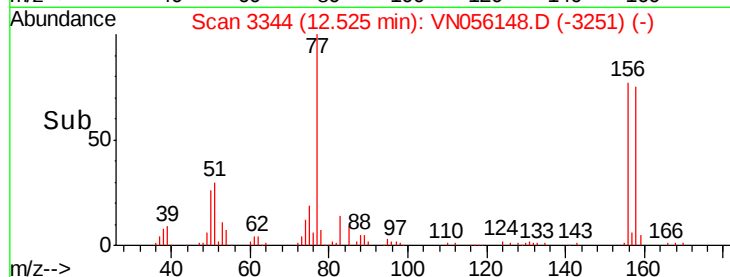
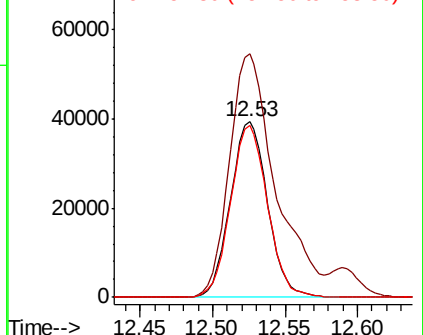
158 97.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.519 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056148.D

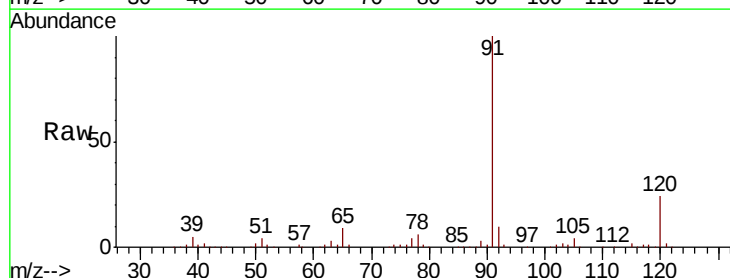
Acq: 8 Jun 2019 12:52

Tgt Ion: 91 Resp: 266282

Ion Ratio Lower Upper

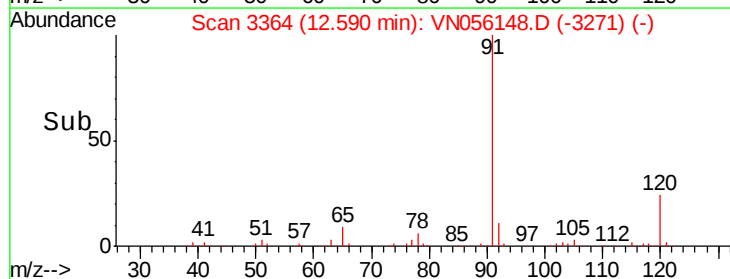
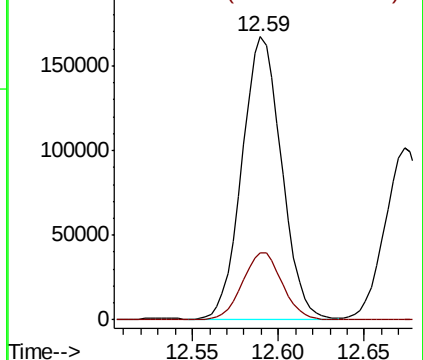
91 100

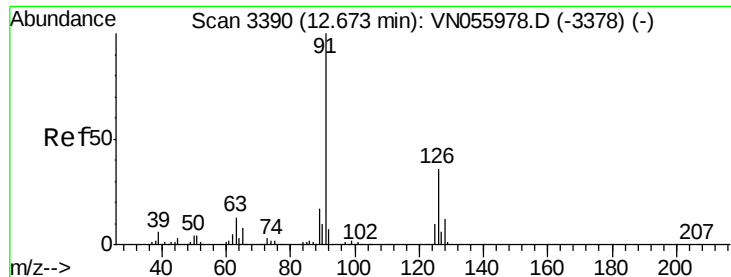
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.021 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampled :

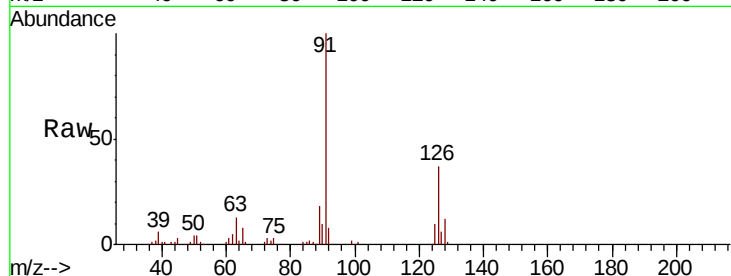
VN0608WBSD04

Tot Ion: 91 Resp: 167863

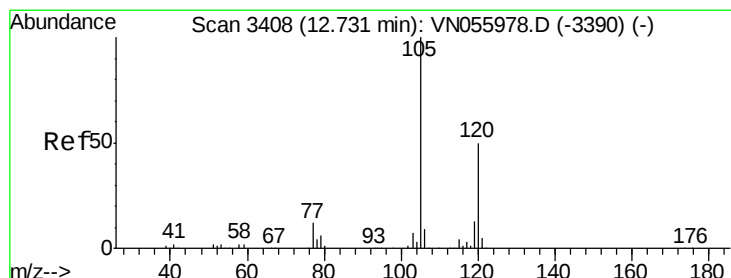
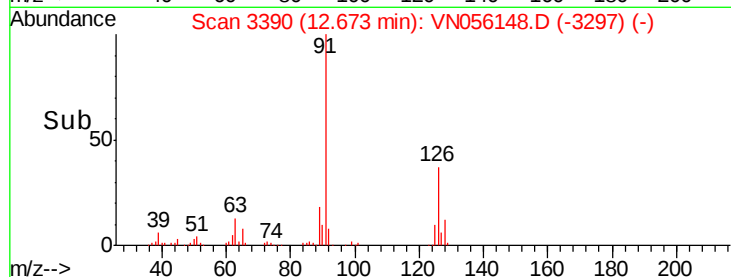
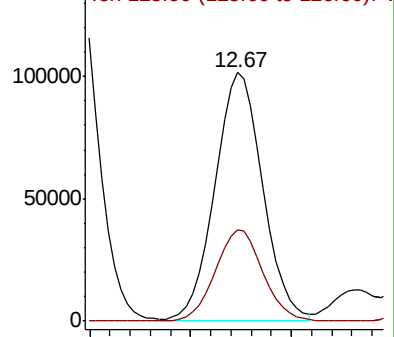
Ion Ratio Lower Upper

91 100

126 36.8 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.500 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056148.D

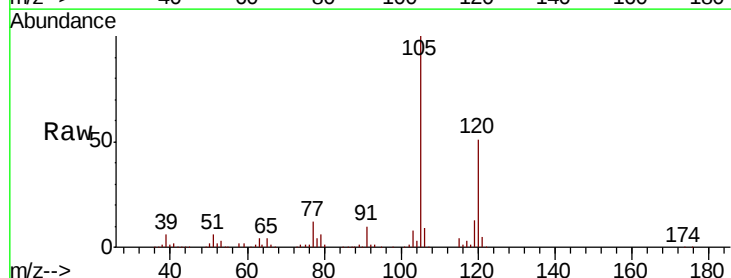
Acq: 8 Jun 2019 12:52

Tgt Ion: 105 Resp: 211429

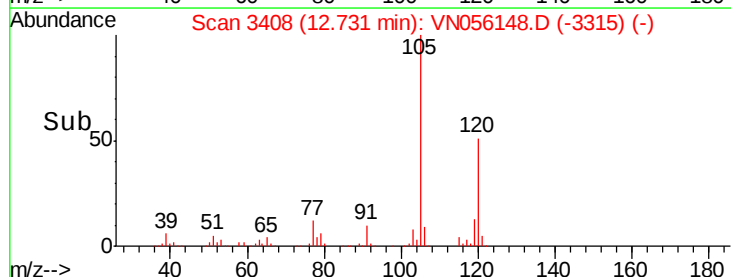
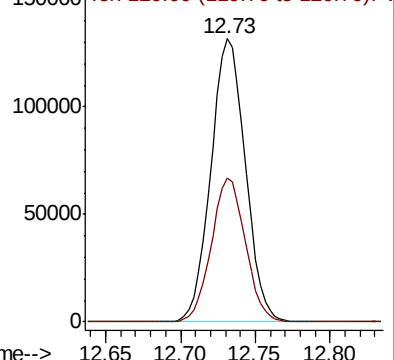
Ion Ratio Lower Upper

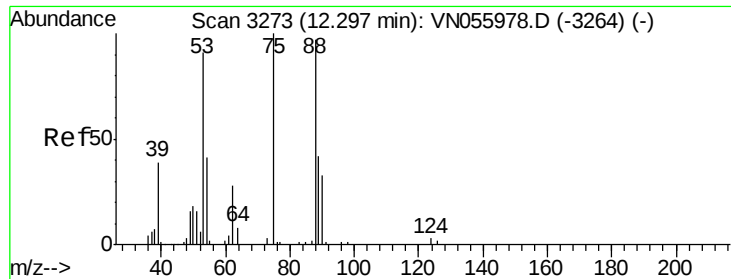
105 100

120 50.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 13.110 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

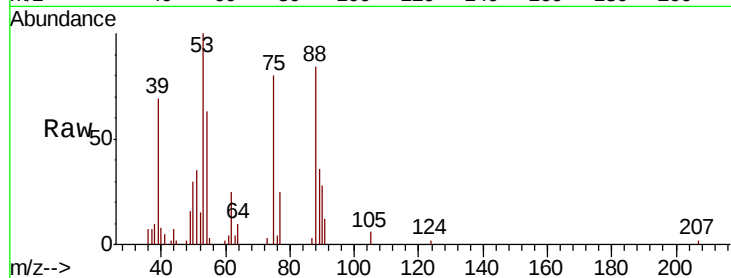
Tot Ion: 75 Resp: 11112

Ion Ratio Lower Upper

75 100

53 121.0 68.1 102.1#

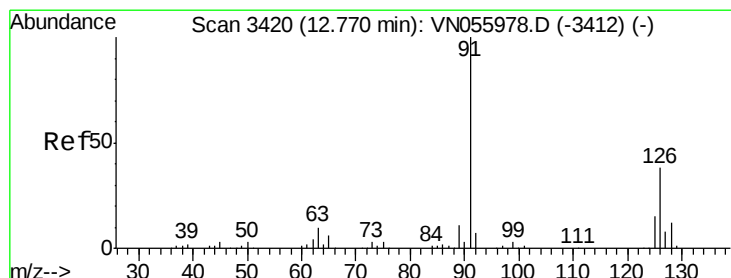
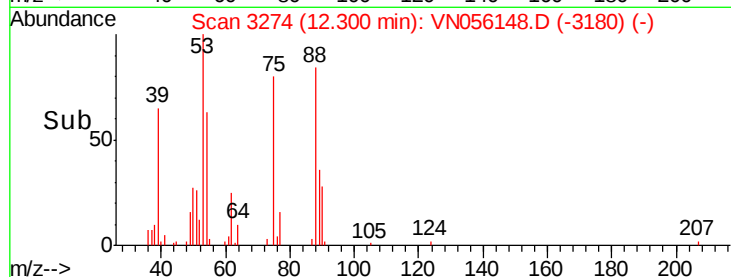
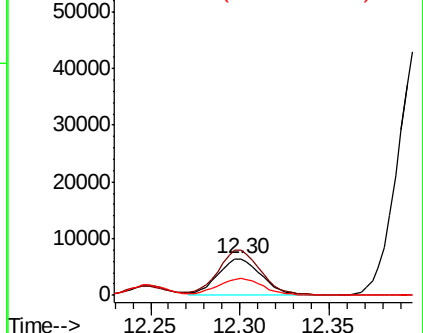
89 46.9 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.415 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056148.D

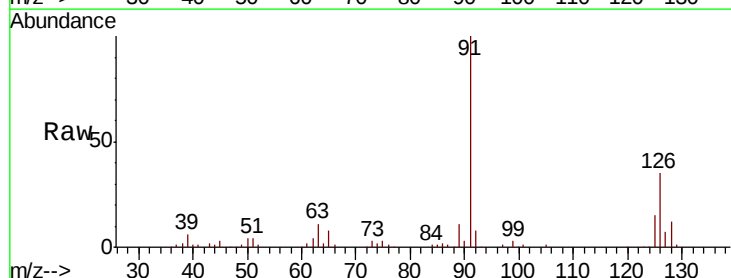
Acq: 8 Jun 2019 12:52

Tgt Ion: 91 Resp: 154997

Ion Ratio Lower Upper

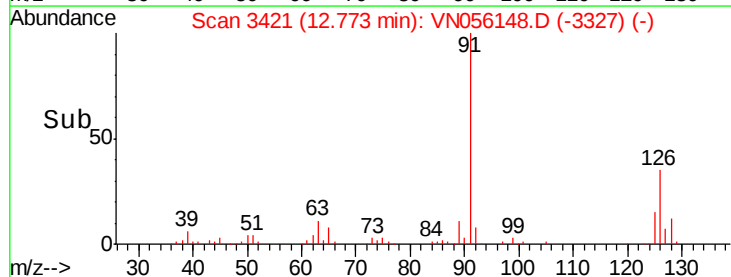
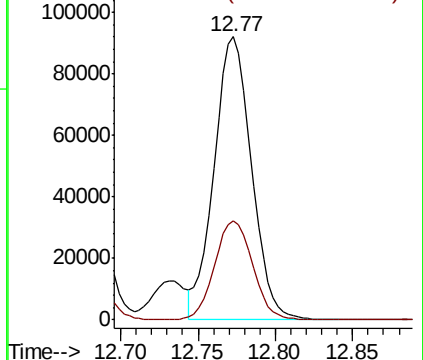
91 100

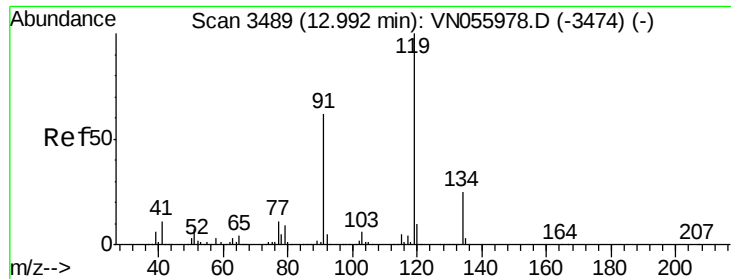
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

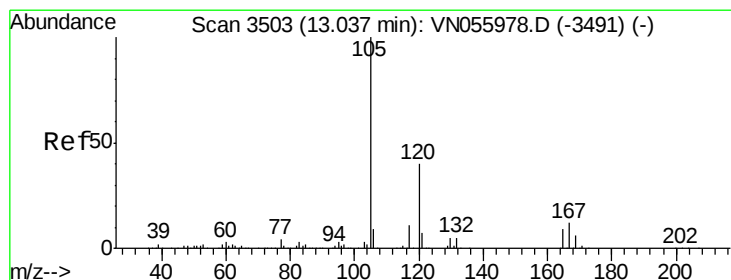
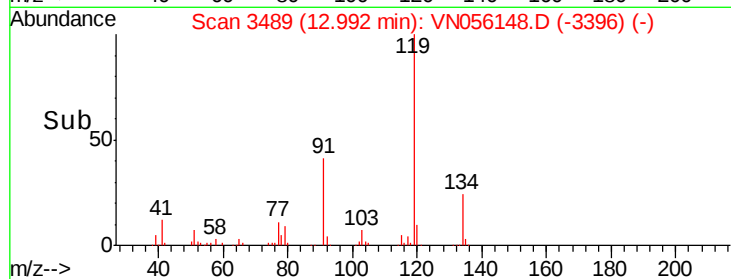
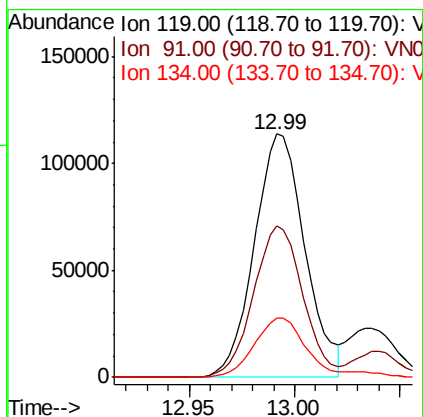
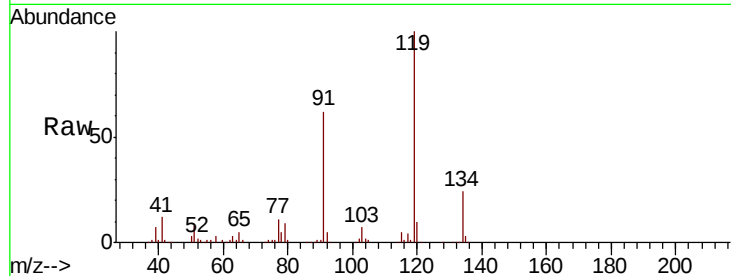




#83
 tert-Butylbenzene
 Concen: 22.199 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

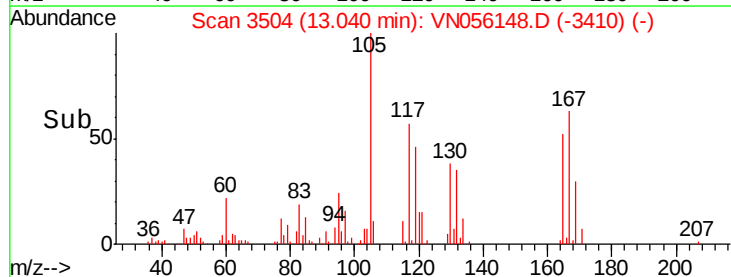
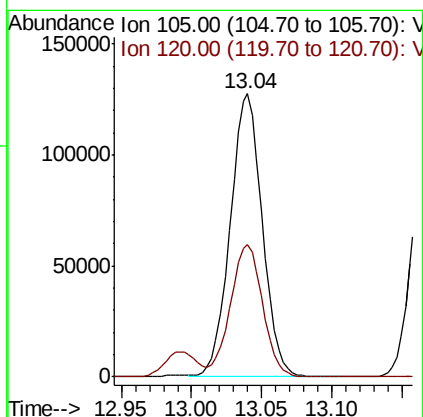
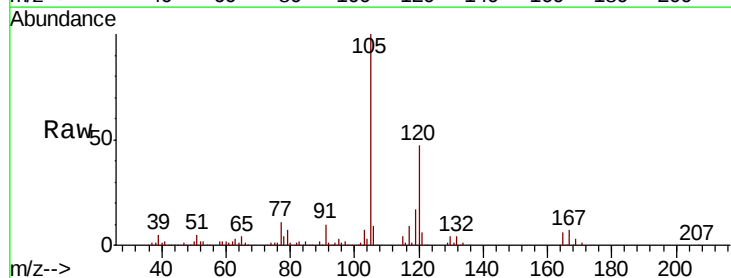
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

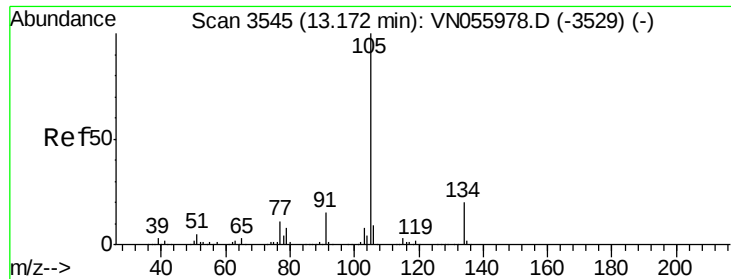
Tot Ion:119 Resp: 189787
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.9 92.8
 134 26.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.716 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion:105 Resp: 202616
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.0 69.0

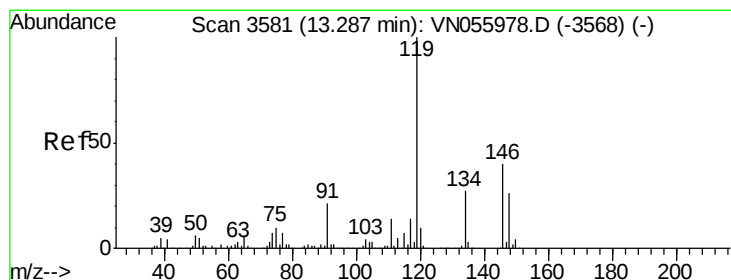
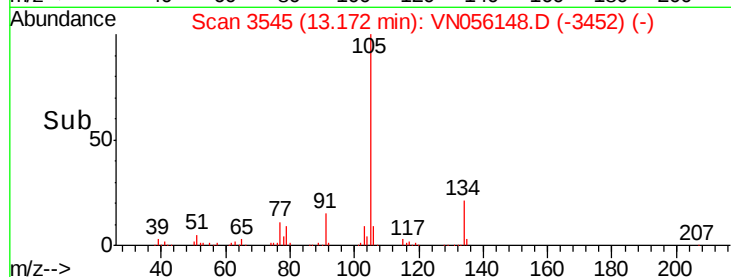
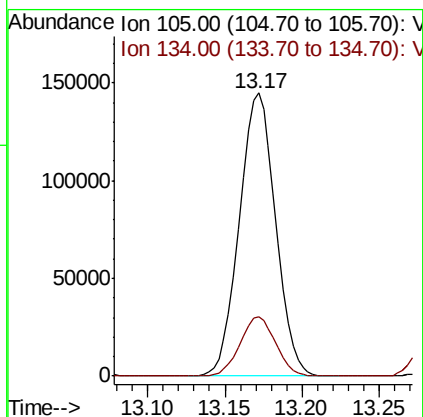
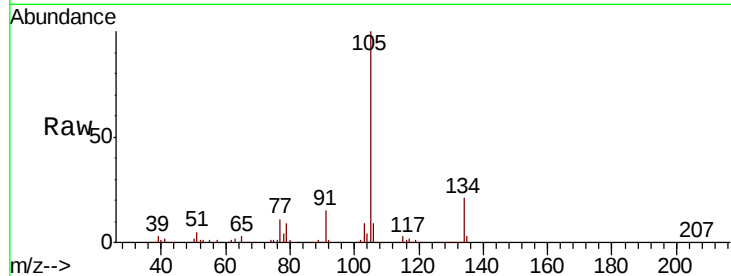




#85
 sec-Butylbenzene
 Concen: 20.537 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

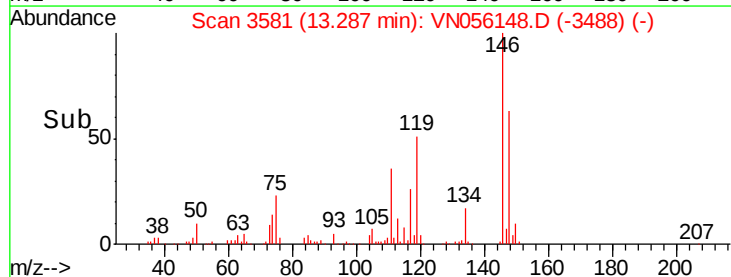
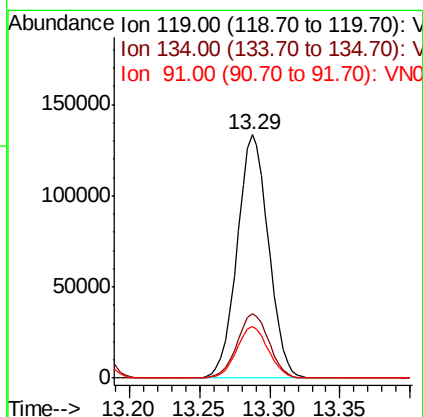
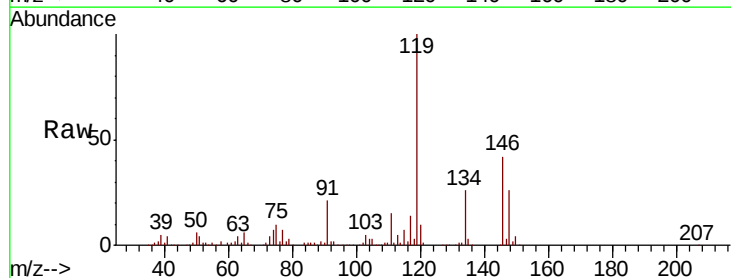
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

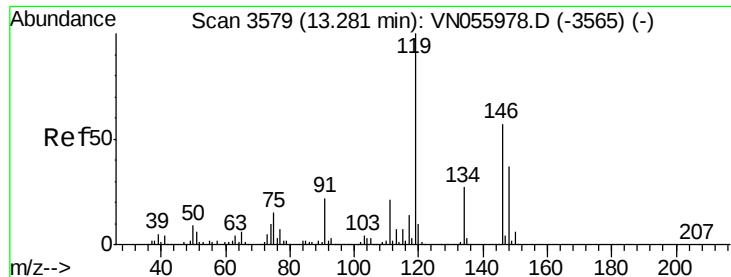
Tot Ion:105 Resp: 236027
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.186 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion:119 Resp: 207621
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 21.6 10.9 32.9

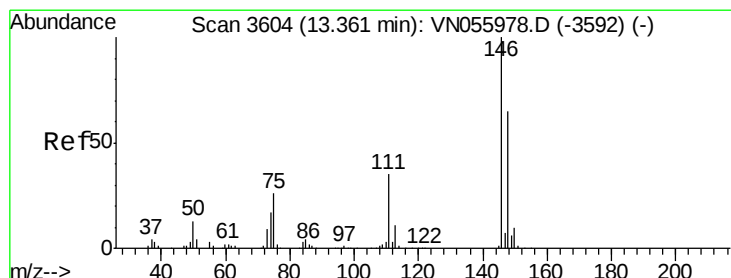
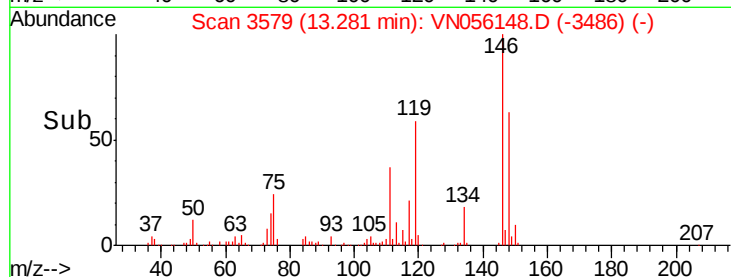
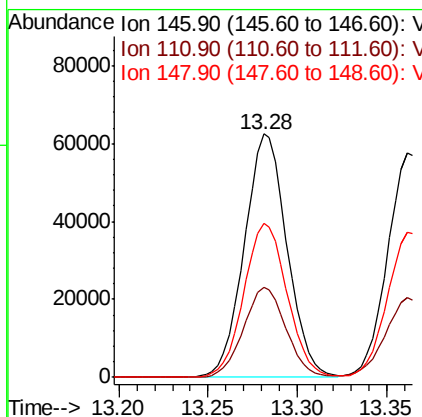
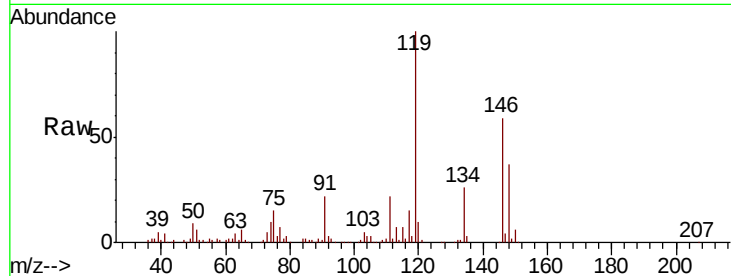




#87
 1,3-Dichlorobenzene
 Concen: 20.501 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

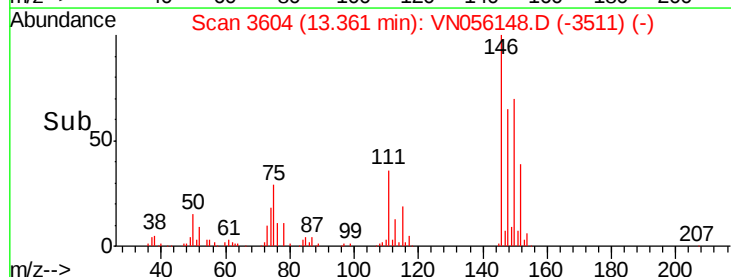
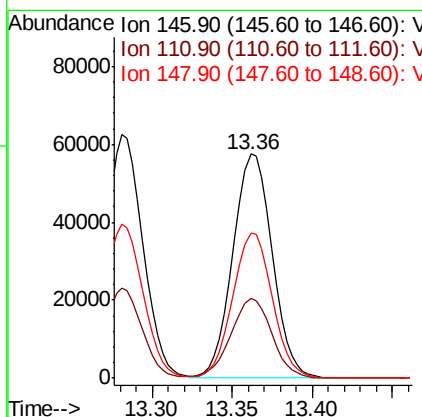
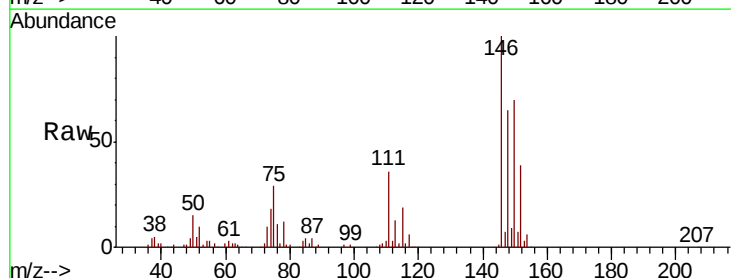
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

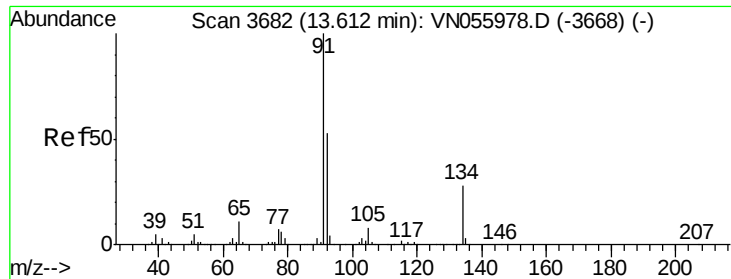
Tot Ion:146 Resp: 104206
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.5 55.5
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.801 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion:146 Resp: 96821
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.4
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 18.232 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

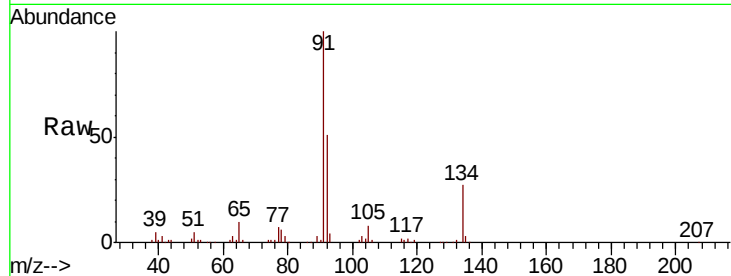
Tot Ion: 91 Resp: 138918

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

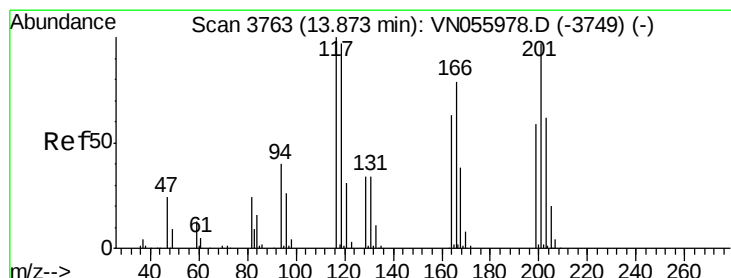
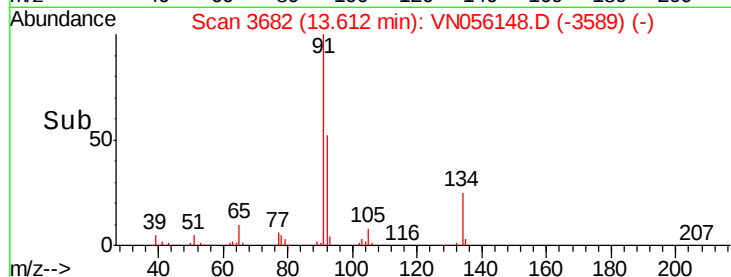
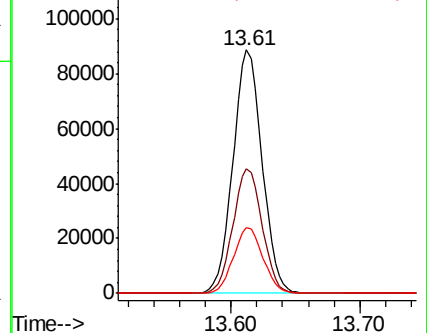
134 27.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.118 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056148.D

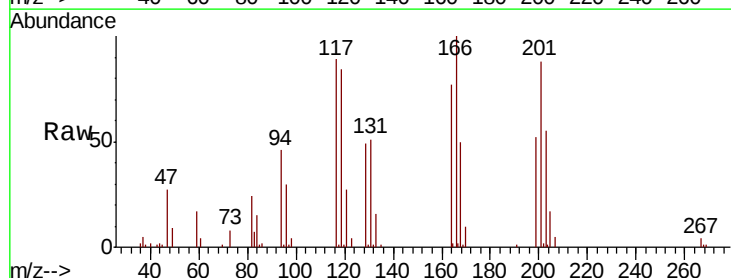
Acq: 8 Jun 2019 12:52

Tgt Ion: 117 Resp: 29654

Ion Ratio Lower Upper

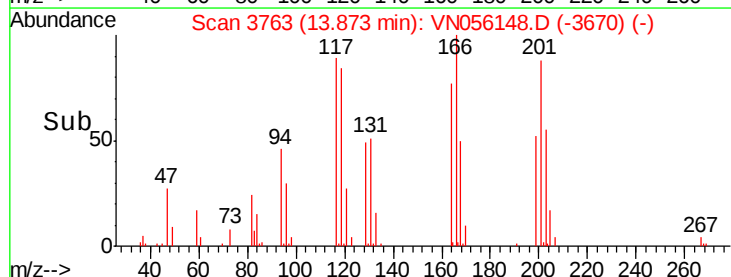
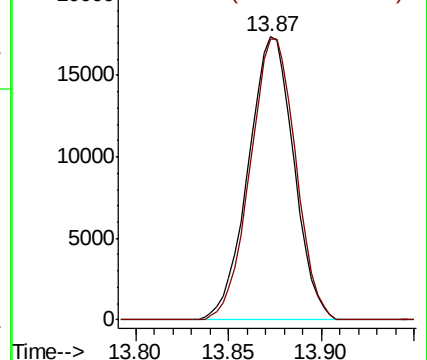
117 100

201 99.2 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.905 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

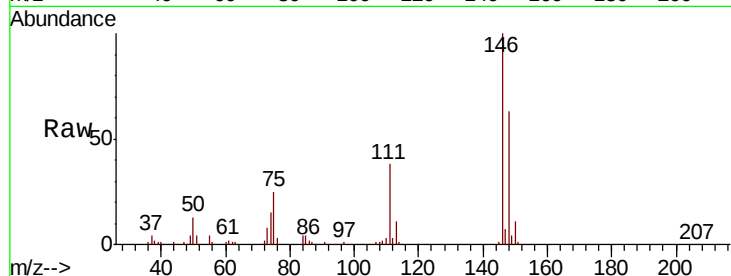
Tot Ion:146 Resp: 107281

Ion Ratio Lower Upper

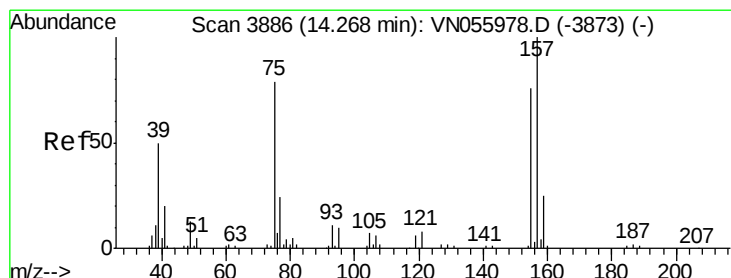
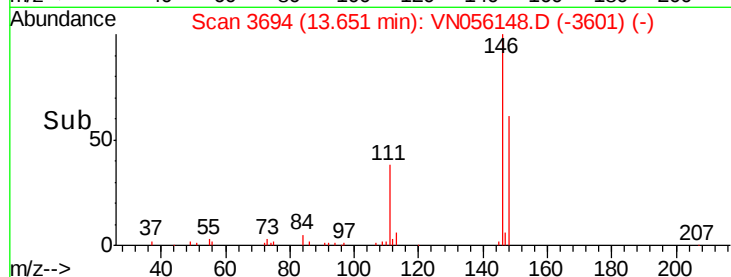
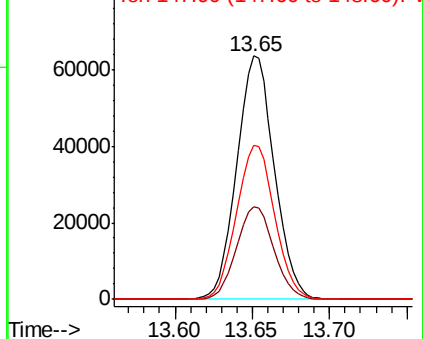
146 100

111 38.0 19.1 57.5

148 64.1 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.173 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

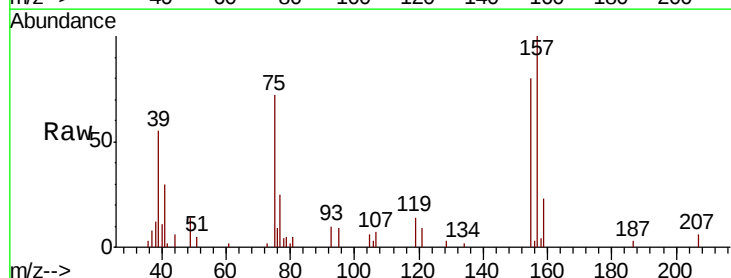
Tgt Ion: 75 Resp: 10275

Ion Ratio Lower Upper

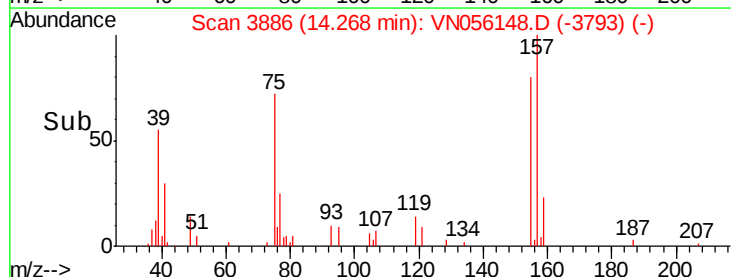
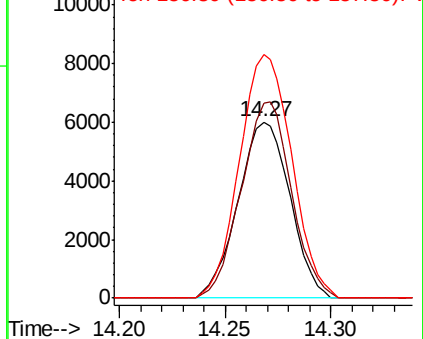
75 100

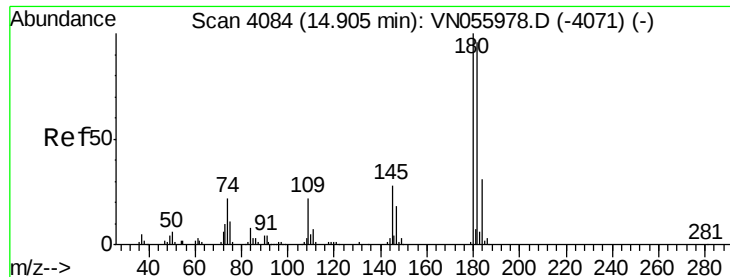
155 107.8 50.0 150.1

157 139.7 64.8 194.3



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

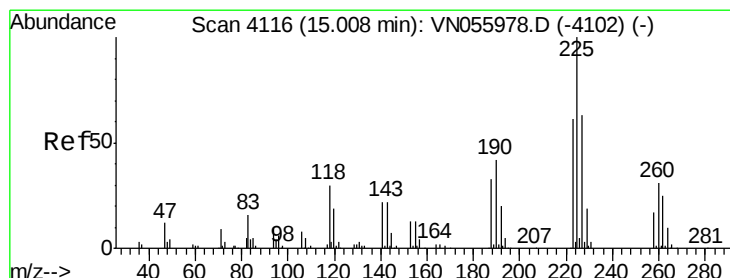
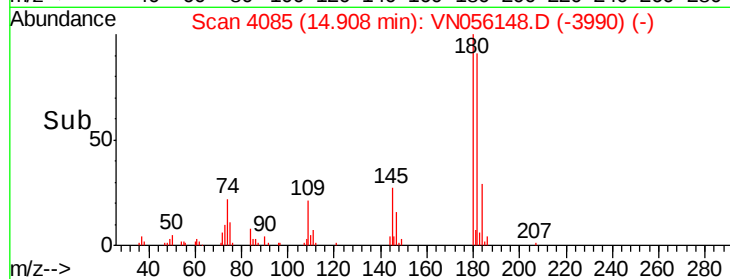
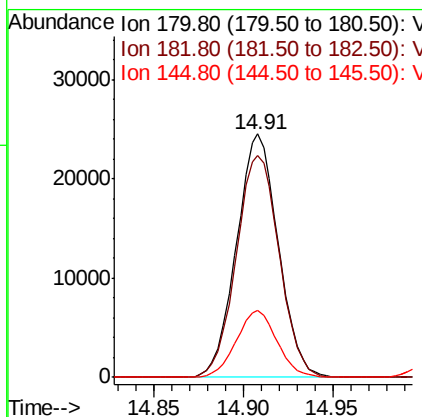
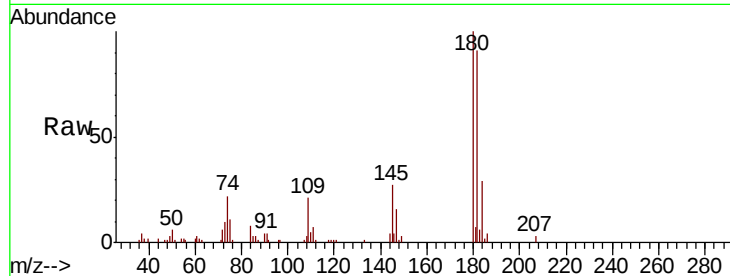




#93
 1,2,4-Trichlorobenzene
 Concen: 17.209 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

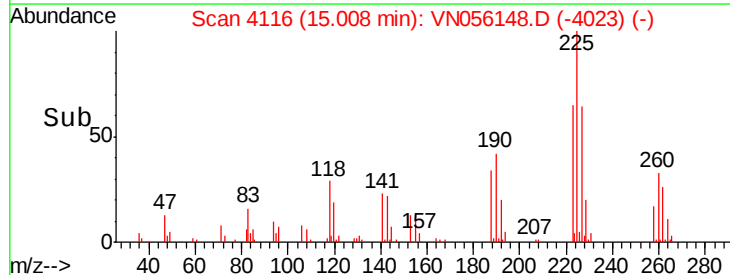
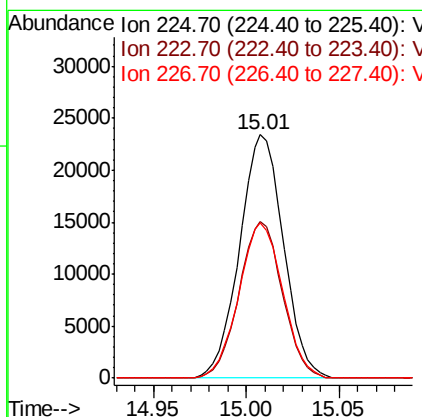
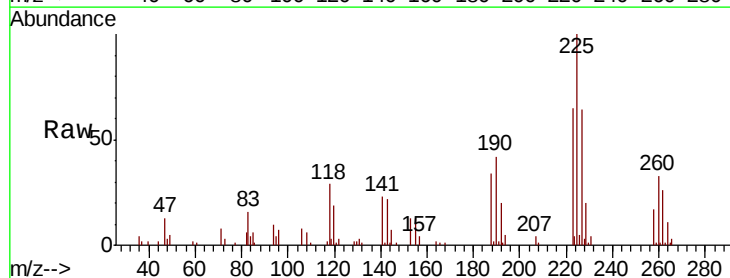
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBSD04

Tot Ion:180 Resp: 40007
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.3 144.9
 145 26.9 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 20.595 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056148.D
 Acq: 8 Jun 2019 12:52

Tgt Ion:225 Resp: 38407
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.9 92.7
 227 63.8 31.6 94.7





#95

Naphthalene

Concen: 17.800 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBSD04

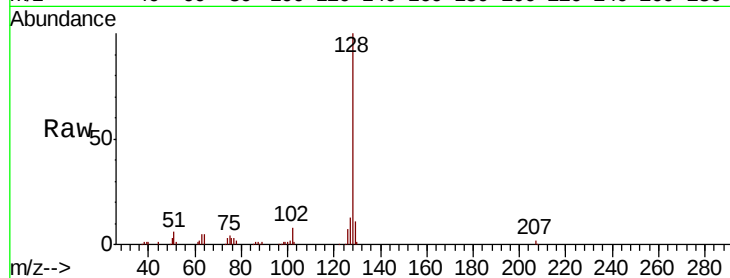
Tot Ion:128 Resp: 110881

Ion Ratio Lower Upper

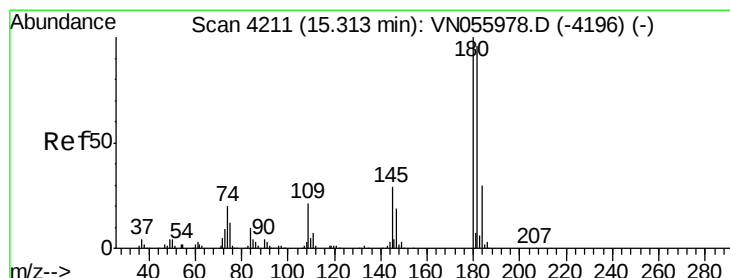
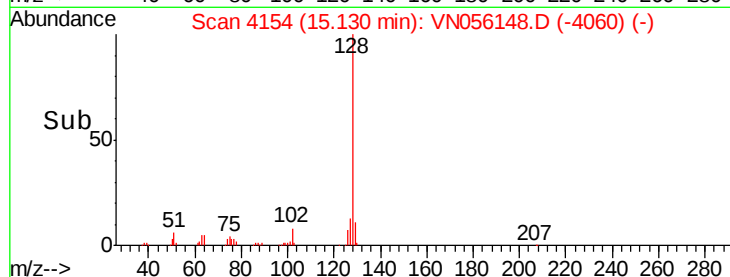
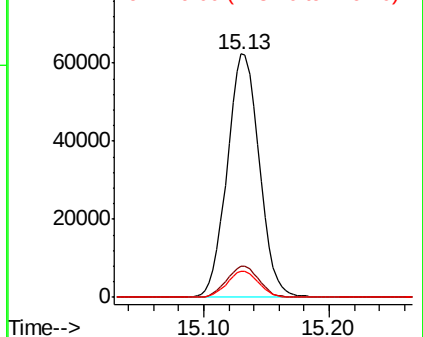
128 100

127 12.7 10.3 15.5

129 10.5 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 18.407 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056148.D

Acq: 8 Jun 2019 12:52

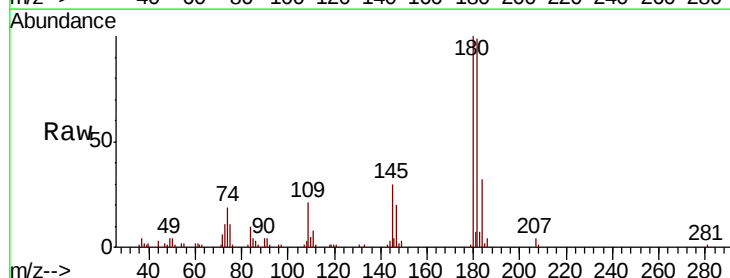
Tgt Ion:180 Resp: 47175

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.7

145 29.2 14.9 44.7



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

