

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056188.D
 Acq On : 11 Jun 2019 00:09
 Operator : JC/SP
 Sample : VN0610WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

Quant Time: Jun 11 02:24:45 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	276069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	401315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	362123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	141171	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
35) Dibromofluoromethane	7.59	113	127782	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
50) Toluene-d8	10.09	98	471576	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	154211	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	58252	19.425	ug/l	99
3) Chloromethane	2.06	50	61725	20.626	ug/l	98
4) Vinyl Chloride	2.19	62	61284	20.415	ug/l	99
5) Bromomethane	2.53	94	33026	17.416	ug/l	99
6) Chloroethane	2.68	64	35074	20.152	ug/l	96
7) Trichlorofluoromethane	3.00	101	76686	20.011	ug/l	98
8) Diethyl Ether	3.40	74	30883	19.597	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	48234	20.720	ug/l	99
10) Methyl Iodide	3.94	142	45055	12.179	ug/l	98
11) Tert butyl alcohol	4.82	59	44181	92.619	ug/l	99
12) 1,1-Dichloroethene	3.72	96	47972	20.699	ug/l	95
13) Acrolein	3.60	56	10398	75.580	ug/l	98
14) Allyl chloride	4.31	41	71955	19.662	ug/l	98
15) Acrylonitrile	4.99	53	136041	117.156	ug/l	100
16) Acetone	3.82	43	113873	86.860	ug/l	100
17) Carbon Disulfide	4.03	76	101842	18.353	ug/l	99
18) Methyl Acetate	4.33	43	64420	24.723	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	154303	20.888	ug/l	99
20) Methylene Chloride	4.54	84	56510	20.922	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	50555	20.359	ug/l	97
22) Diisopropyl ether	5.96	45	158780	20.989	ug/l	99
23) Vinyl Acetate	5.90	43	622924	104.565	ug/l	99
24) 1,1-Dichloroethane	5.84	63	92108	21.108	ug/l	99
25) 2-Butanone	6.84	43	179321	108.259	ug/l	100
26) 2,2-Dichloropropane	6.82	77	48606	14.275	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	59333	20.327	ug/l	97
28) Bromochloromethane	7.19	49	43654	21.154	ug/l	96
29) Tetrahydrofuran	7.22	42	117324	114.587	ug/l	100
30) Chloroform	7.37	83	94807	21.598	ug/l	99
31) Cyclohexane	7.65	56	80950	18.611	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	75749	20.664	ug/l	99
36) 1,1-Dichloropropene	7.79	75	66028	19.134	ug/l	99
37) Ethyl Acetate	6.93	43	71693	23.350	ug/l	99
38) Carbon Tetrachloride	7.77	117	66276	20.832	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056188.D
 Acq On : 11 Jun 2019 00:09
 Operator : JC/SP
 Sample : VN0610WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

Quant Time: Jun 11 02:24:45 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	78040	18.155	ug/l	99
40) Benzene	8.04	78	215779	20.588	ug/l	100
41) Methacrylonitrile	7.17	41	30041	21.266	ug/l	91
42) 1,2-Dichloroethane	8.12	62	71224	21.127	ug/l	100
43) Isopropyl Acetate	8.17	43	105468	21.198	ug/l #	92
44) Trichloroethene	8.83	130	60254	20.007	ug/l	96
45) 1,2-Dichloropropane	9.12	63	57201	21.307	ug/l	99
46) Dibromomethane	9.21	93	38656	22.020	ug/l	99
47) Bromodichloromethane	9.40	83	70184	22.059	ug/l	99
48) Methyl methacrylate	9.20	41	53194	21.854	ug/l	99
49) 1,4-Dioxane	9.21	88	22596	429.997	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	351772	113.061	ug/l	100
52) Toluene	10.16	92	136187	20.882	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	62702	18.401	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	76369	19.969	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	56947	22.044	ug/l	99
56) Ethyl methacrylate	10.43	69	79329	21.049	ug/l	99
57) 1,3-Dichloropropane	10.71	76	91841	21.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	131378	97.564	ug/l	99
59) 2-Hexanone	10.75	43	245209	108.738	ug/l	100
60) Dibromochloromethane	10.90	129	57215	21.548	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56742	21.485	ug/l	97
64) Tetrachloroethene	10.63	164	63567	20.279	ug/l	99
65) Chlorobenzene	11.43	112	146221	20.289	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54154	21.762	ug/l	99
67) Ethyl Benzene	11.51	91	249028	19.872	ug/l	98
68) m/p-Xylenes	11.62	106	189280	39.538	ug/l	99
69) o-Xylene	11.95	106	93184	19.788	ug/l	100
70) Styrene	11.96	104	150005	20.049	ug/l	100
71) Bromoform	12.13	173	40479	21.055	ug/l #	99
73) Isopropylbenzene	12.25	105	249016	22.847	ug/l	100
74) N-amyl acetate	12.07	43	83525	21.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	78049	23.252	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	85473	32.126	ug/l #	100
77) Bromobenzene	12.53	156	66714	21.551	ug/l	95
78) n-propylbenzene	12.59	91	251070	20.525	ug/l	99
79) 2-Chlorotoluene	12.67	91	160124	22.314	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	200548	20.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14669	18.361	ug/l #	81
82) 4-Chlorotoluene	12.77	91	145934	20.392	ug/l	99
83) tert-Butylbenzene	12.99	119	183471	22.841	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	190855	20.702	ug/l	98
85) sec-Butylbenzene	13.17	105	226585	20.916	ug/l	100
86) p-Isopropyltoluene	13.29	119	197535	20.375	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	98088	20.472	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	90678	19.674	ug/l	99
89) n-Butylbenzene	13.61	91	130643	18.190	ug/l	99
90) Hexachloroethane	13.87	117	32465	22.204	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	99368	20.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11292	23.520	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056188.D
Acq On : 11 Jun 2019 00:09
Operator : JC/SP
Sample : VN0610WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Quant Time: Jun 11 02:24:45 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

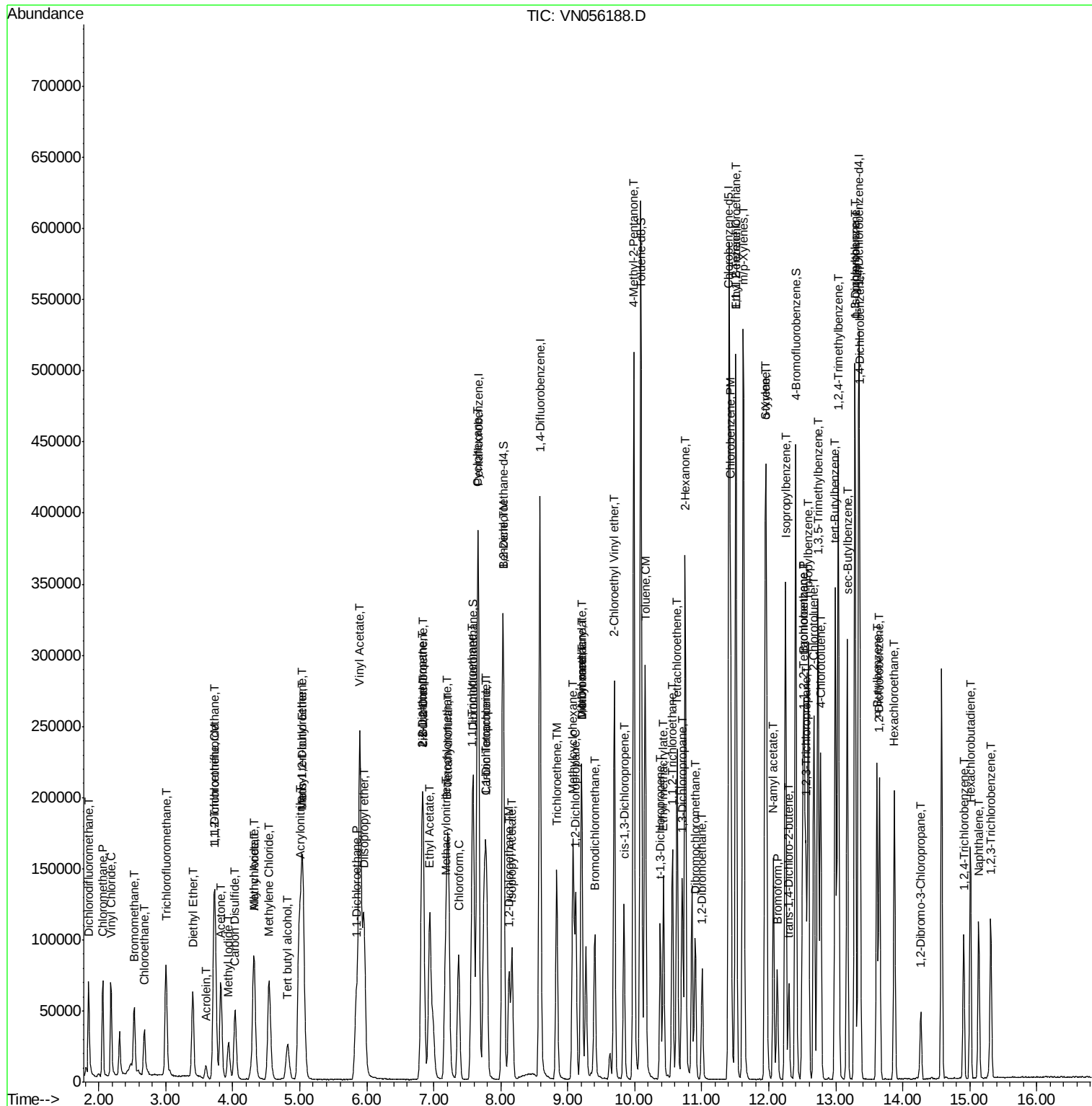
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37294	17.066	ug/l	98
94) Hexachlorobutadiene	15.01	225	37070	21.140	ug/l	98
95) Naphthalene	15.13	128	101291	17.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45059	18.612	ug/l	99

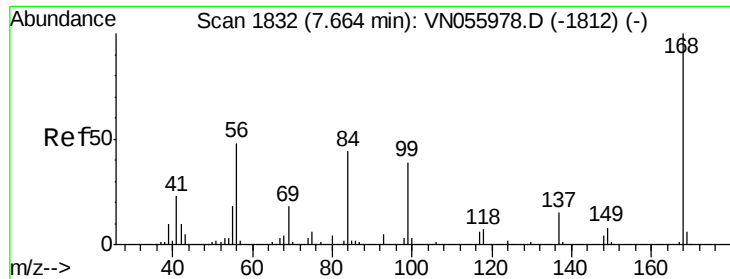
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056188.D
Acq On : 11 Jun 2019 00:09
Operator : JC/SP
Sample : VN0610WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Quant Time: Jun 11 02:24:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

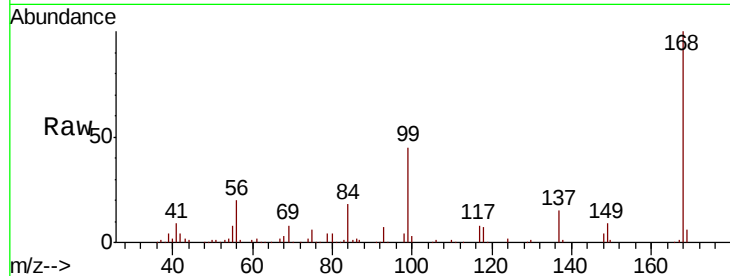
VN0610WBS02

Tot Ion:168 Resp: 276069

Ion Ratio Lower Upper

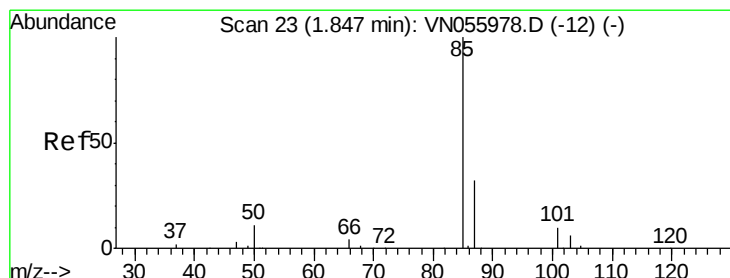
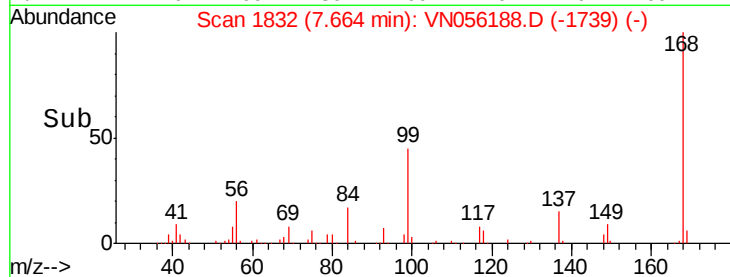
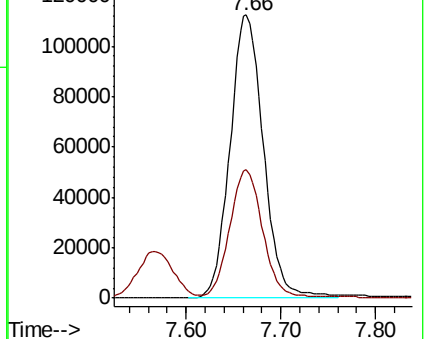
168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.425 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056188.D

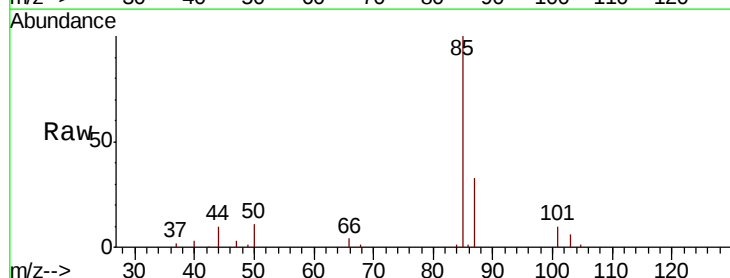
Acq: 11 Jun 2019 00:09

Tgt Ion: 85 Resp: 58252

Ion Ratio Lower Upper

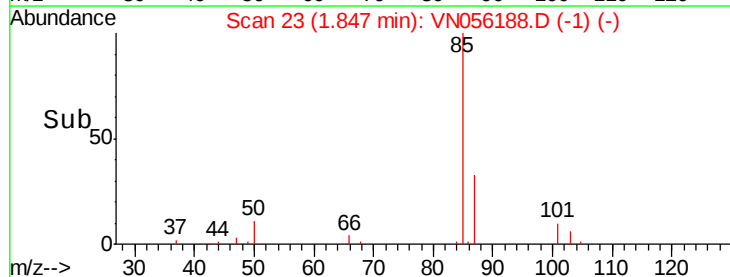
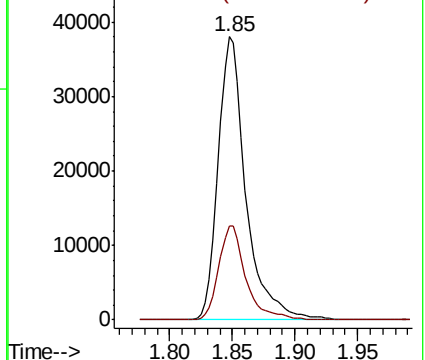
85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 20.626 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

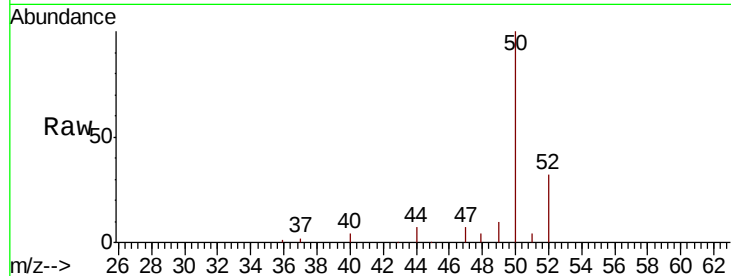
VN0610WBS02

Tot Ion: 50 Resp: 61725

Ion Ratio Lower Upper

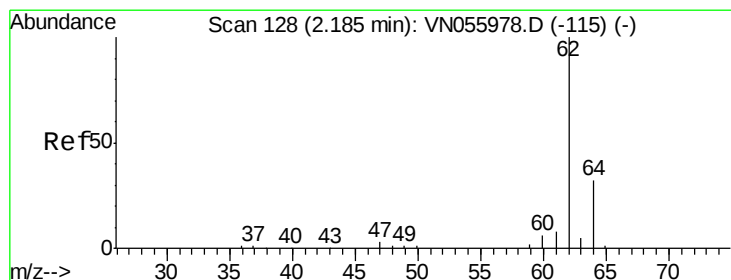
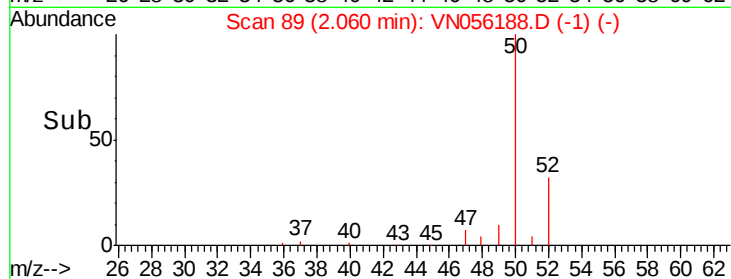
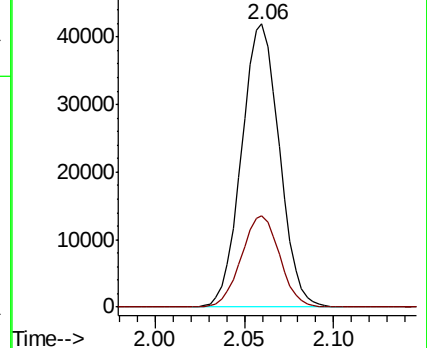
50 100

52 32.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.415 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056188.D

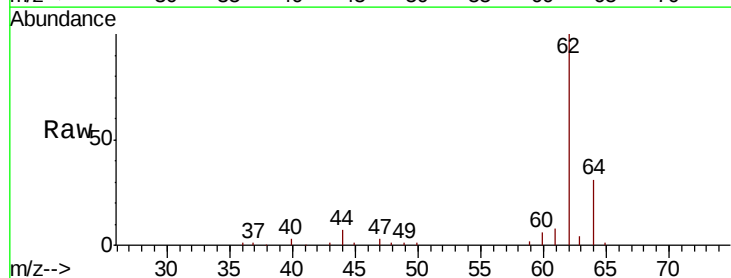
Acq: 11 Jun 2019 00:09

Tgt Ion: 62 Resp: 61284

Ion Ratio Lower Upper

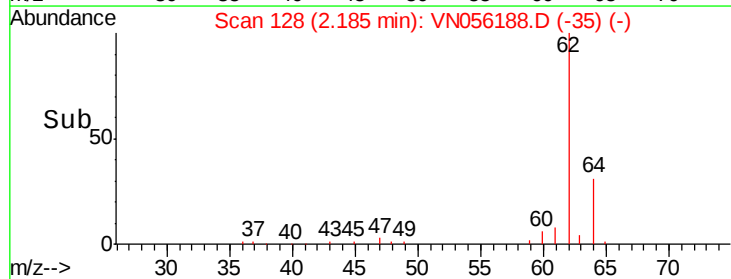
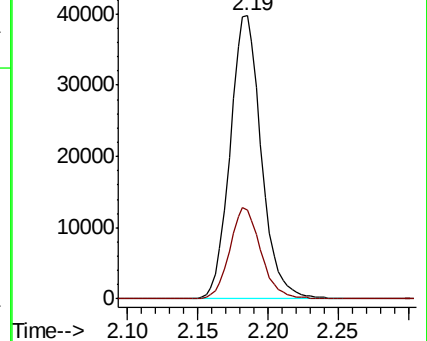
62 100

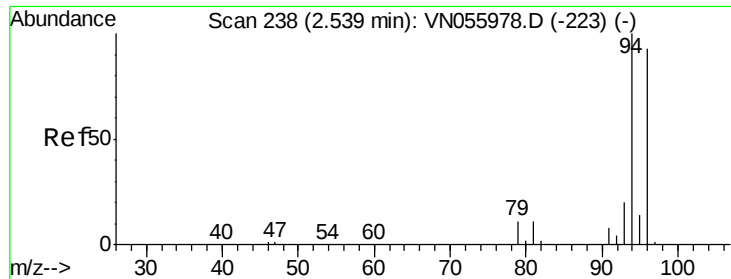
64 31.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

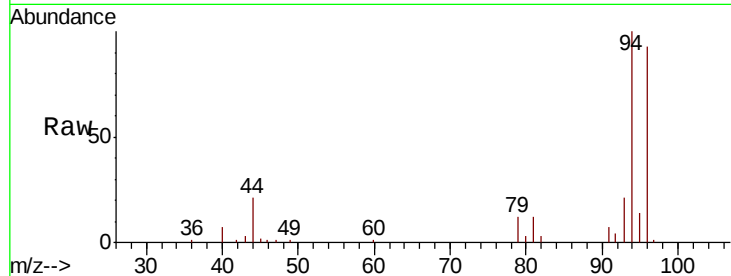




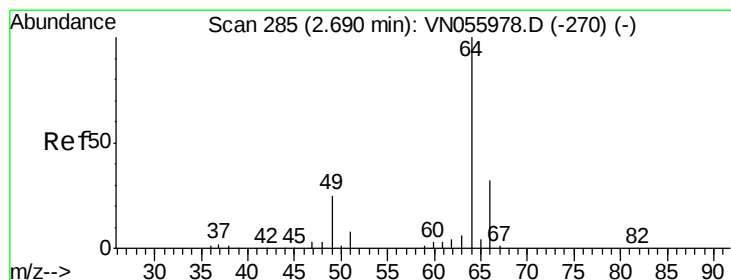
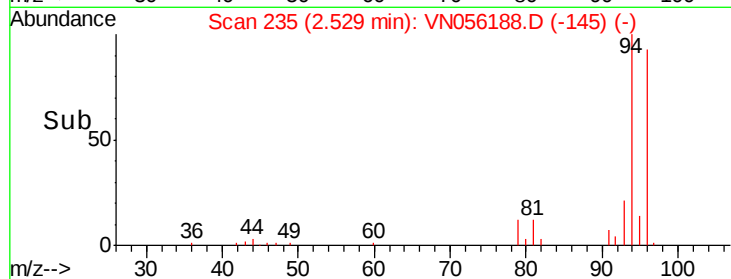
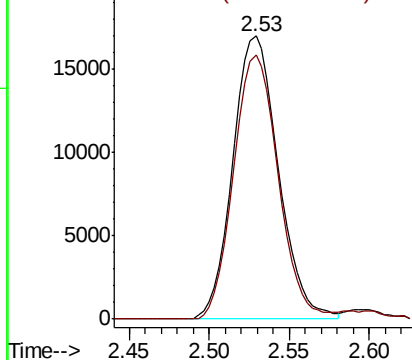
#5
Bromomethane
Concen: 17.416 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion: 94 Resp: 33026
Ion Ratio Lower Upper
94 100
96 93.2 75.5 113.3

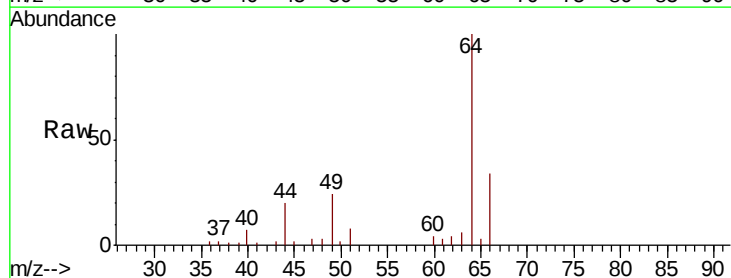


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

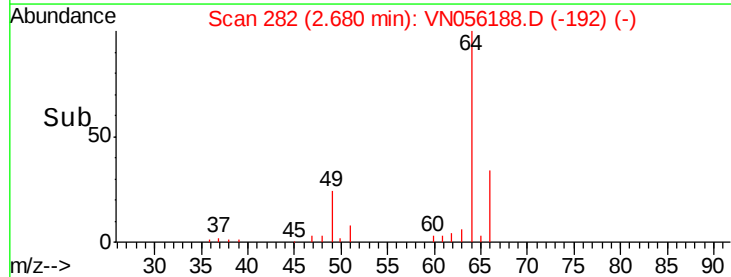
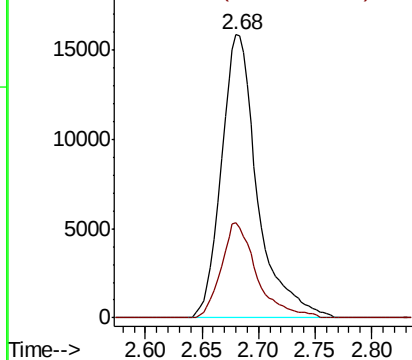


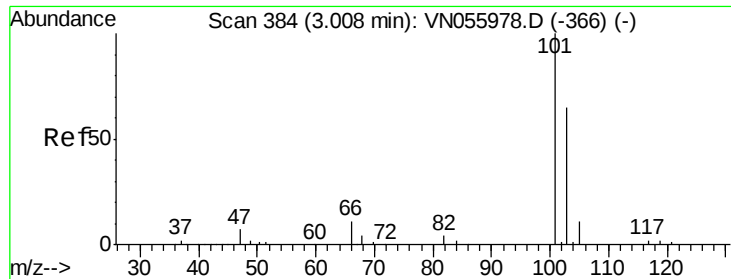
#6
Chloroethane
Concen: 20.152 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 64 Resp: 35074
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



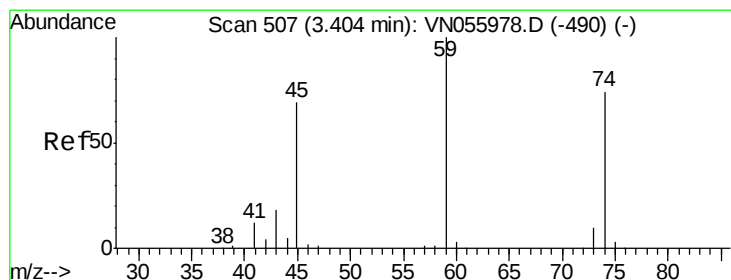
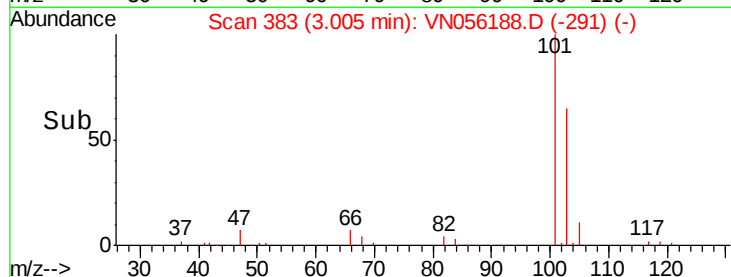
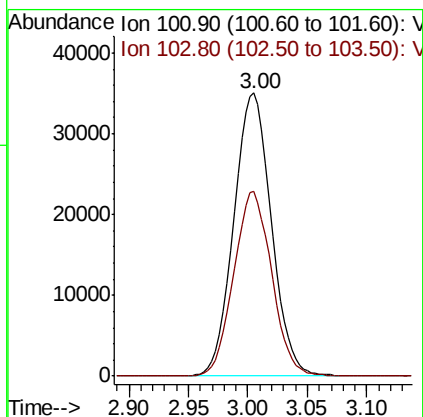
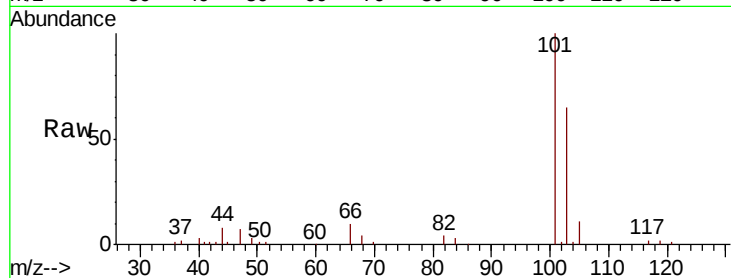


#7

Trichlorofluoromethane
 Concen: 20.011 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

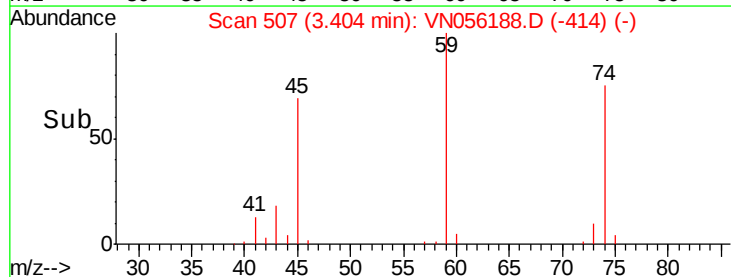
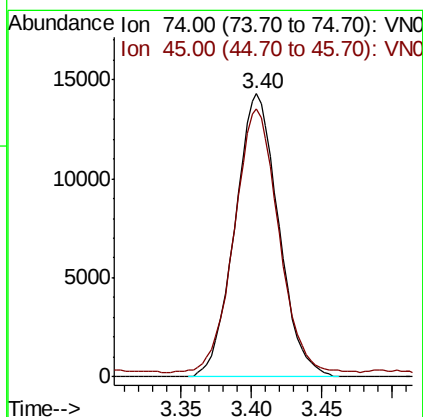
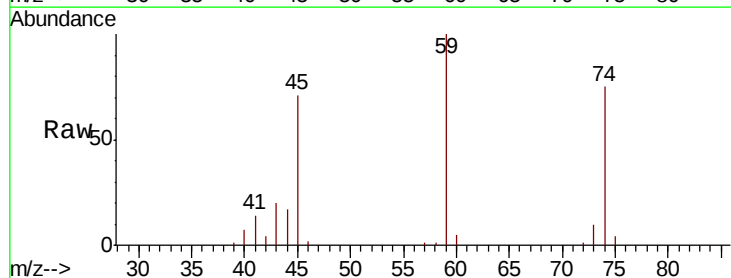
Tot Ion:101 Resp: 76686
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8



#8

Diethyl Ether
 Concen: 19.597 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion: 74 Resp: 30883
 Ion Ratio Lower Upper
 74 100
 45 93.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.720 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

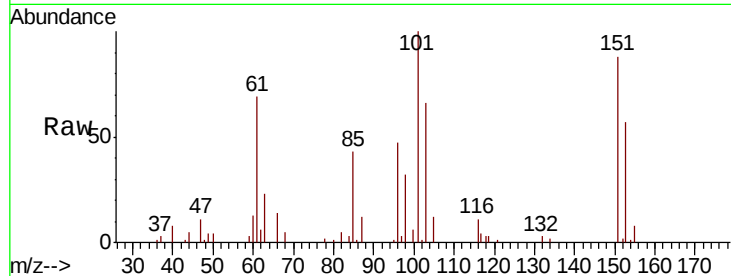
Tot Ion:101 Resp: 48234

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

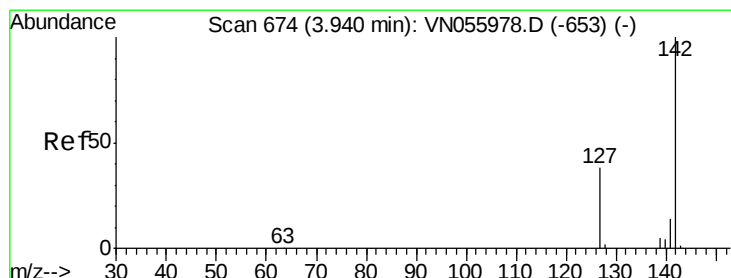
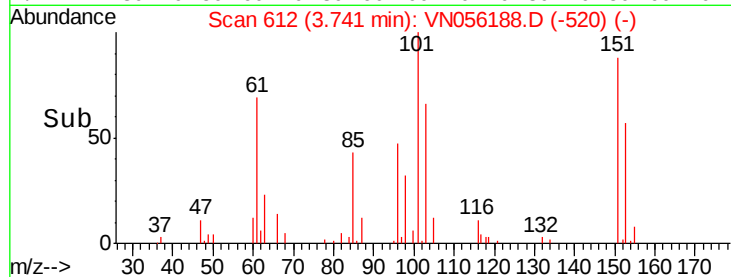
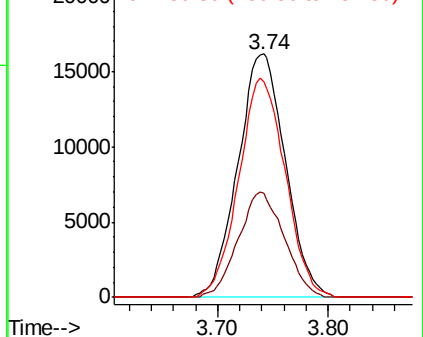
151 88.0 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.179 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

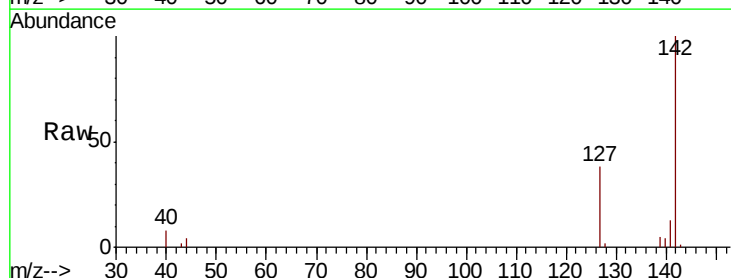
Tgt Ion:142 Resp: 45055

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

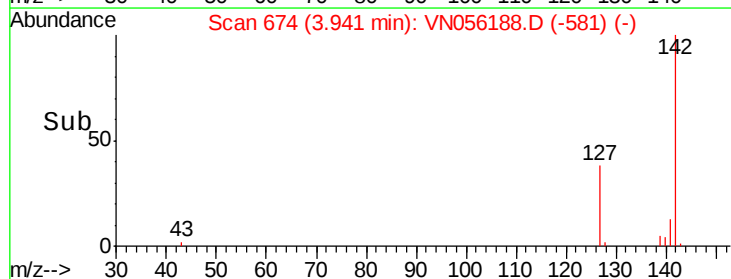
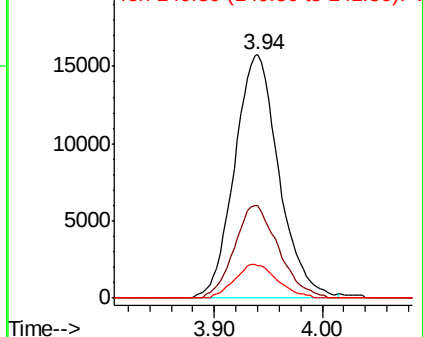
141 13.3 11.4 17.0

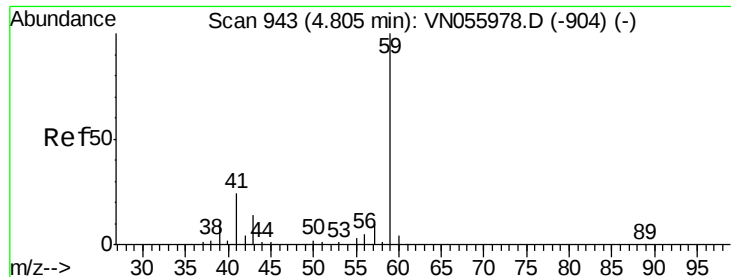


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



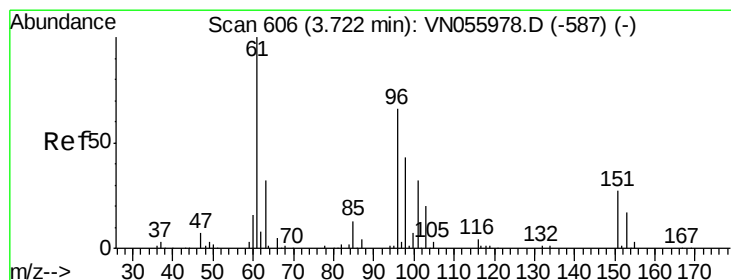
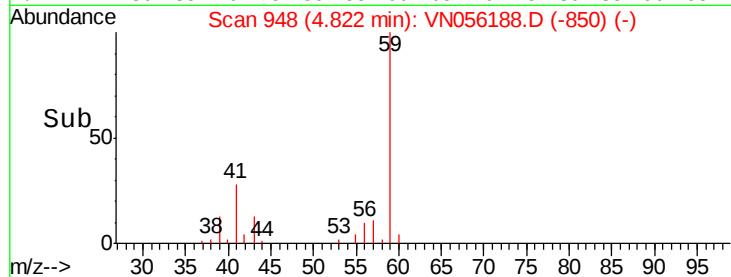
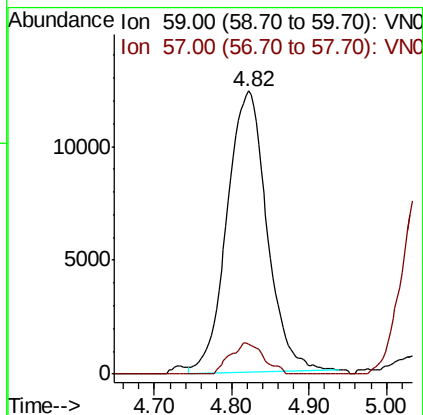
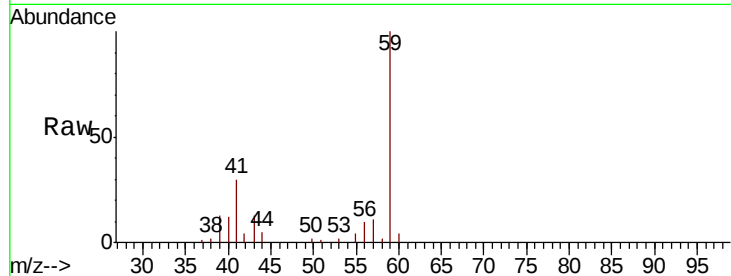


#11

Tert butyl alcohol
 Concen: 92.619 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.02 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBS02

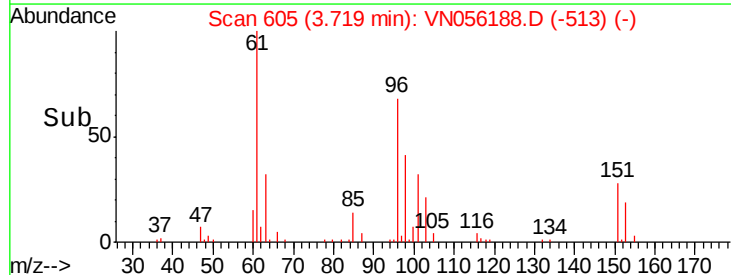
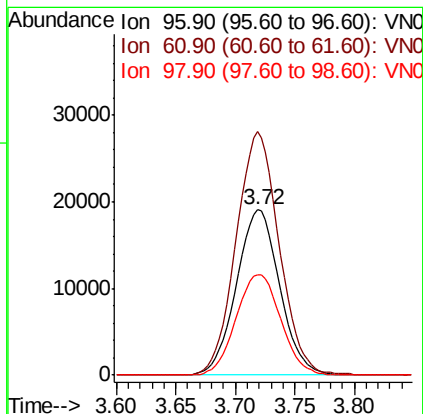
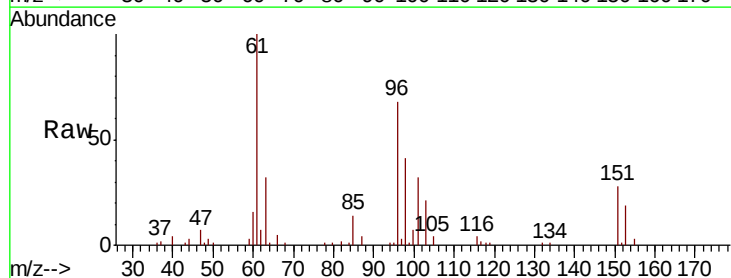
Tot Ion: 59 Resp: 44181
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.8 11.6

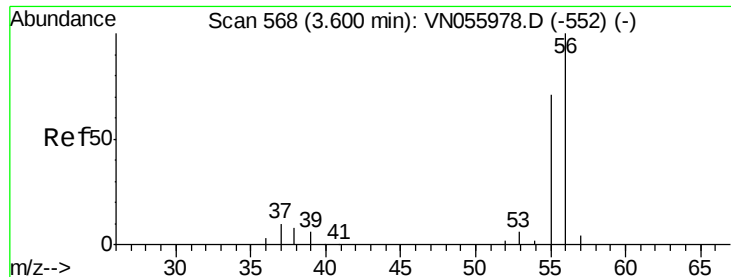


#12

1,1-Dichloroethene
 Concen: 20.699 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion: 96 Resp: 47972
 Ion Ratio Lower Upper
 96 100
 61 147.2 123.2 184.8
 98 60.6 50.4 75.6





#13

Acrolein

Concen: 75.580 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

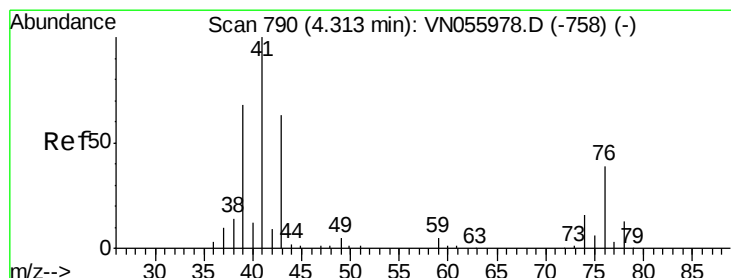
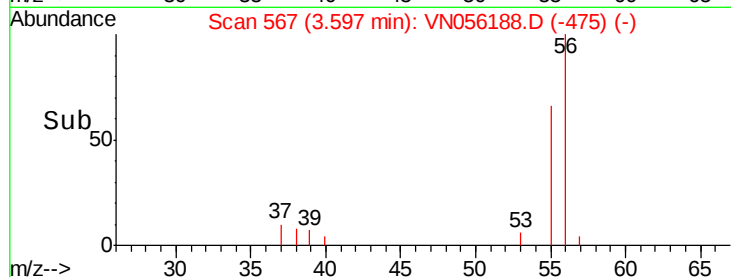
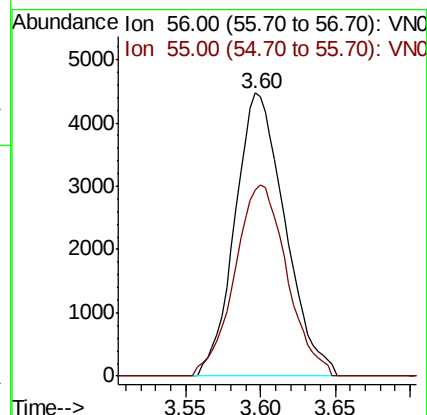
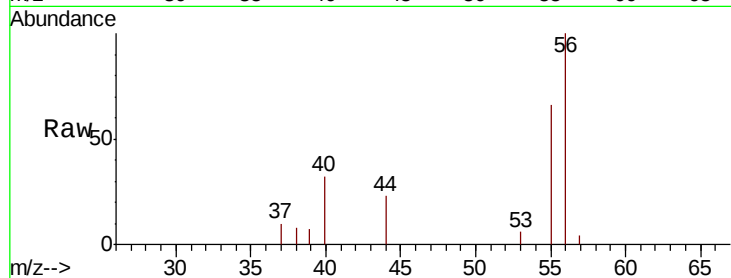
VN0610WBS02

Tot Ion: 56 Resp: 10398

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.2



#14

Allyl chloride

Concen: 19.662 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

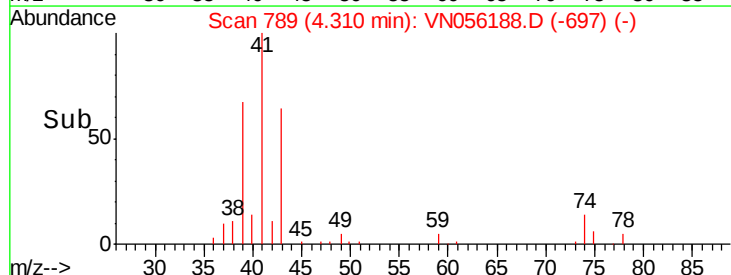
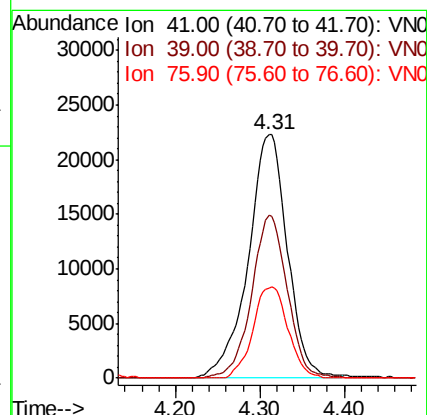
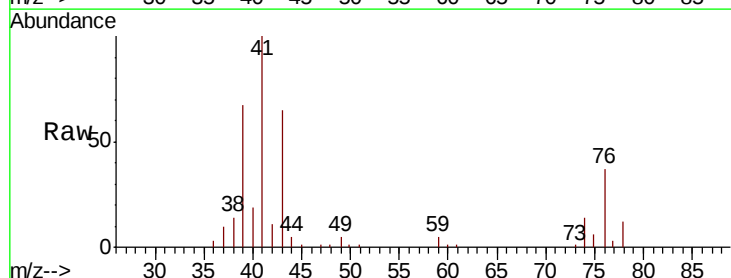
Tgt Ion: 41 Resp: 71955

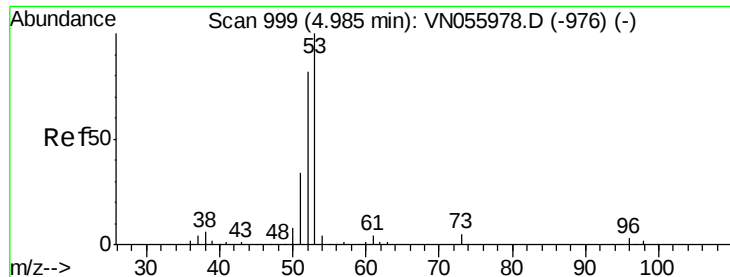
Ion Ratio Lower Upper

41 100

39 60.8 50.0 75.0

76 33.5 28.2 42.2





#15

Acrylonitrile

Concen: 117.156 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS02

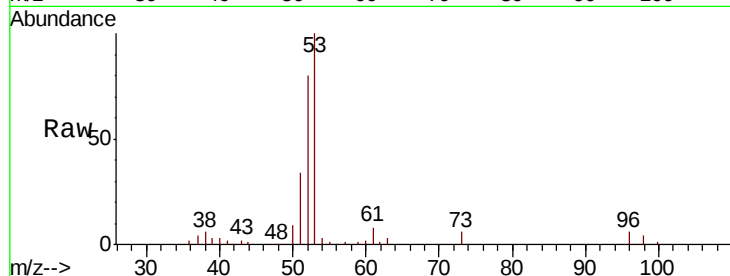
Tot Ion: 53 Resp: 136041

Ion Ratio Lower Upper

53 100

52 82.4 65.8 98.8

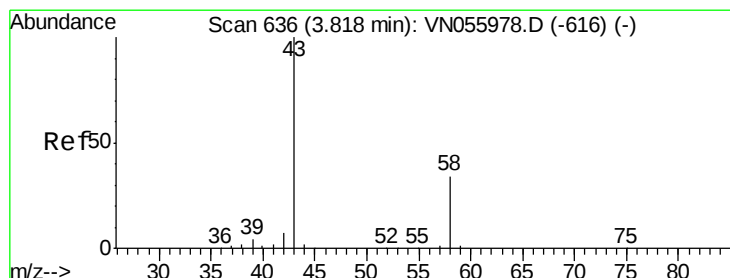
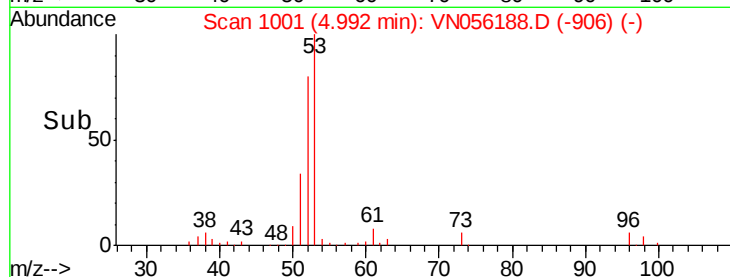
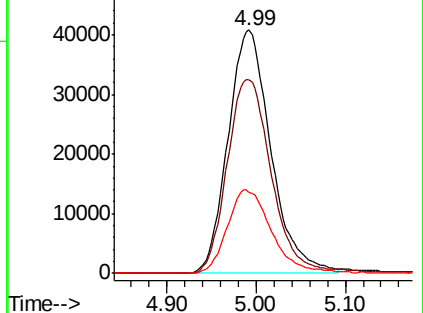
51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 86.860 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056188.D

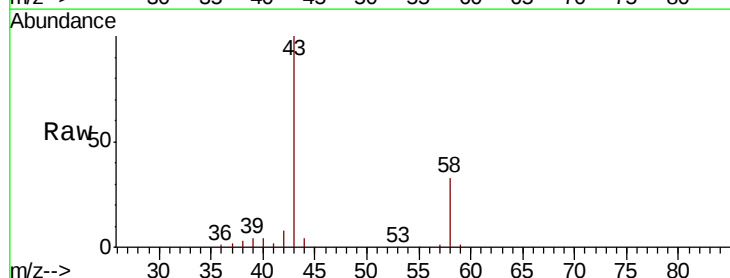
Acq: 11 Jun 2019 00:09

Tgt Ion: 43 Resp: 113873

Ion Ratio Lower Upper

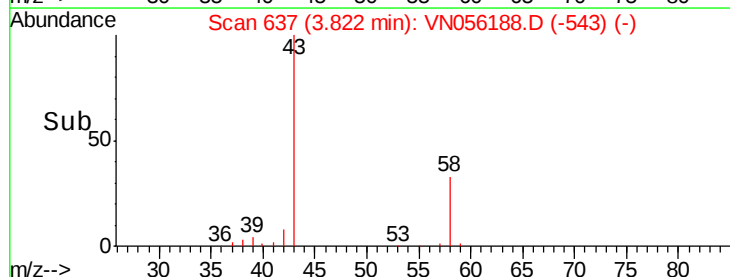
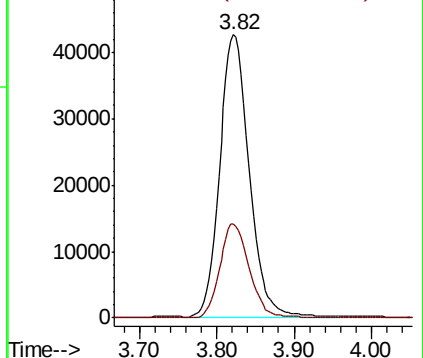
43 100

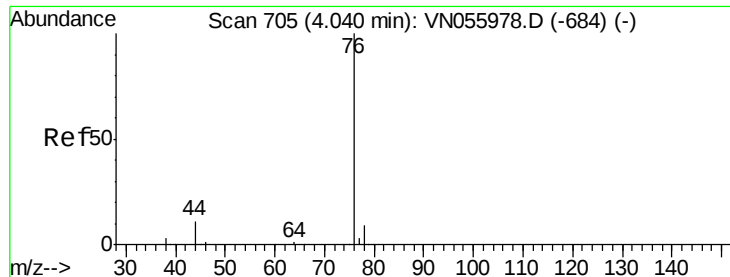
58 33.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

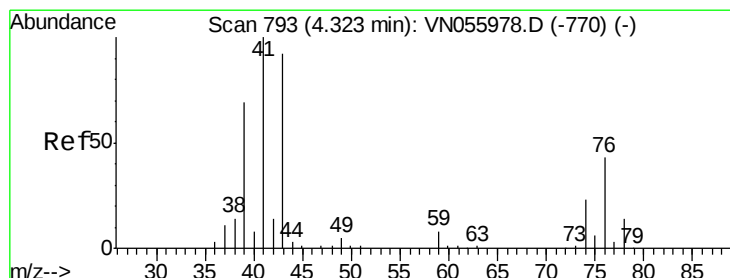
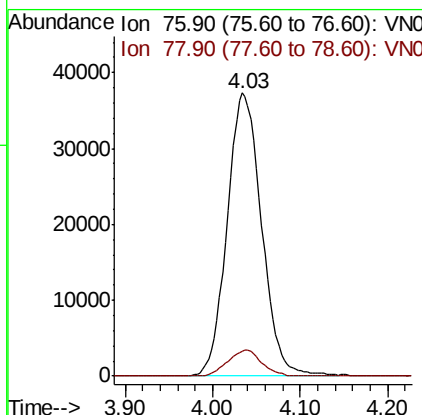
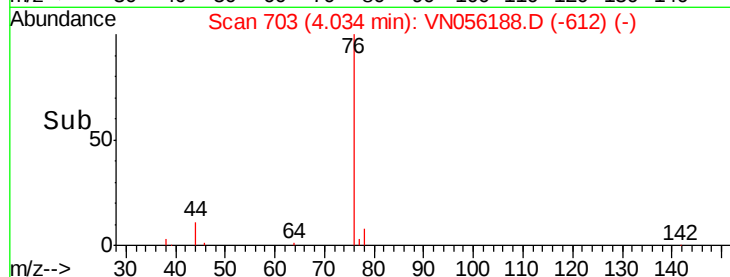
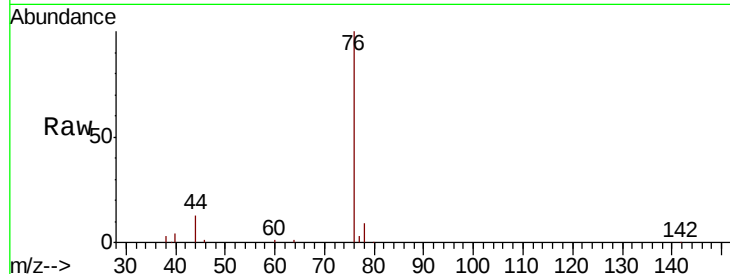




#17
Carbon Disulfide
Concen: 18.353 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

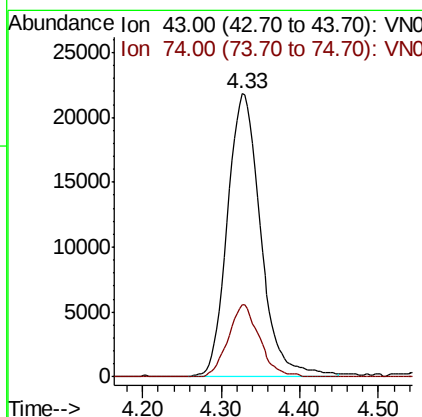
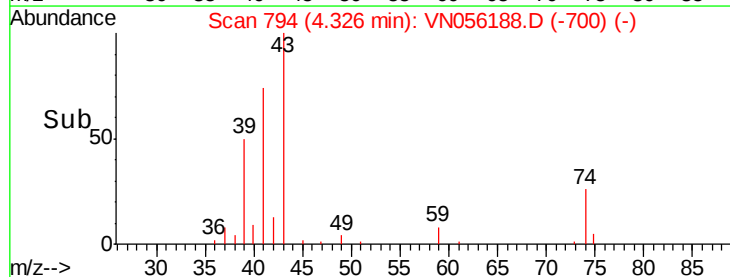
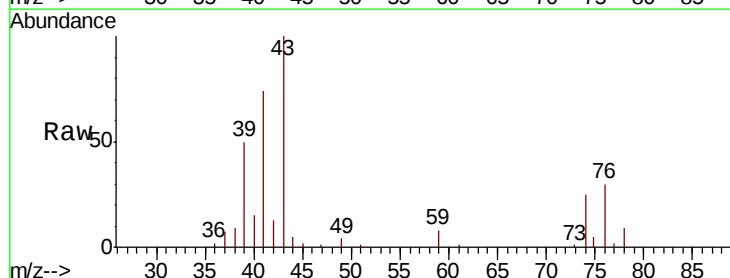
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion: 76 Resp: 101842
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 24.723 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 43 Resp: 64420
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9

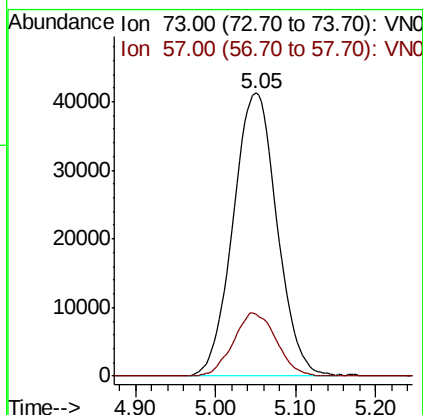
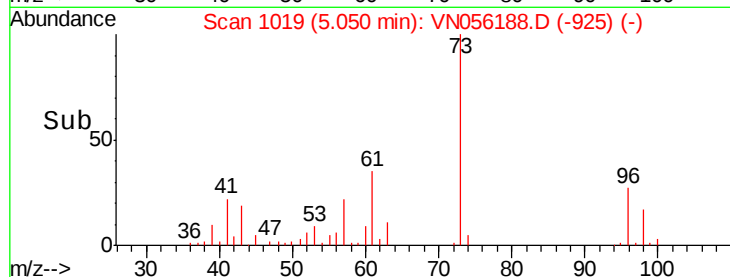
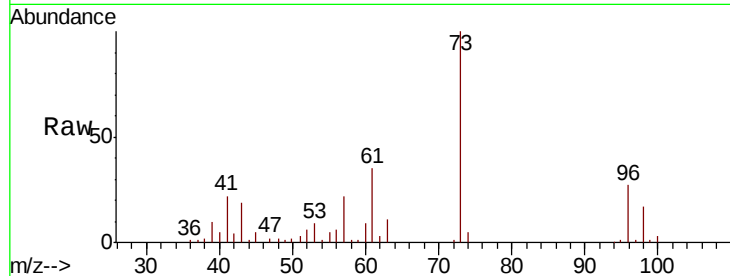




#19
Methyl tert-butyl Ether
Concen: 20.888 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

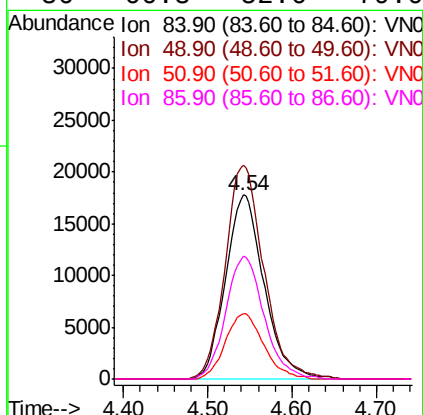
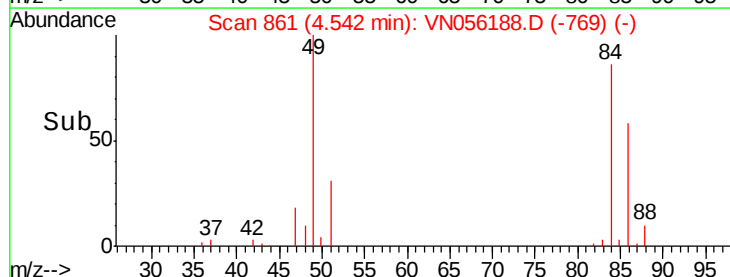
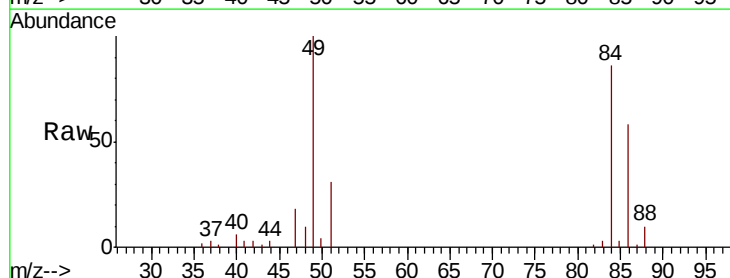
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

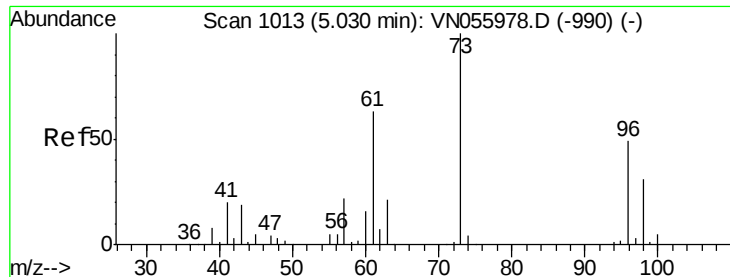
Tot Ion: 73 Resp: 154303
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 20.922 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 84 Resp: 56510
Ion Ratio Lower Upper
84 100
49 116.1 93.5 140.3
51 35.7 28.6 43.0
86 66.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.359 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS02

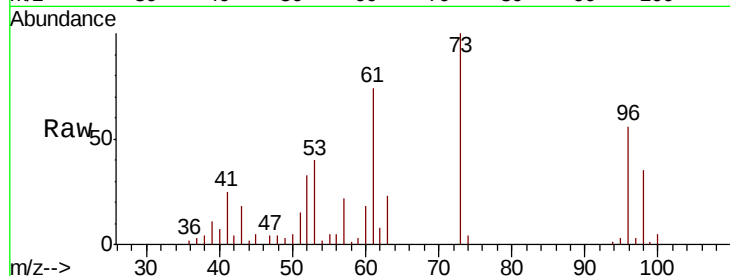
Tot Ion: 96 Resp: 50555

Ion Ratio Lower Upper

96 100

61 130.2 107.8 161.8

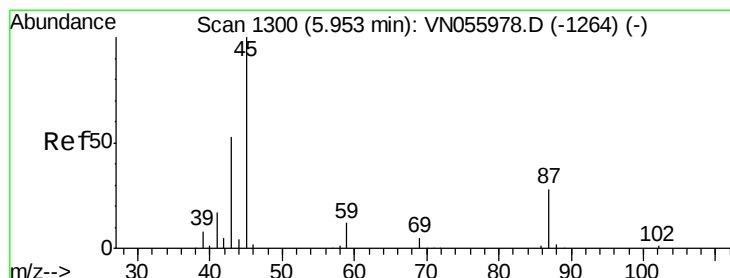
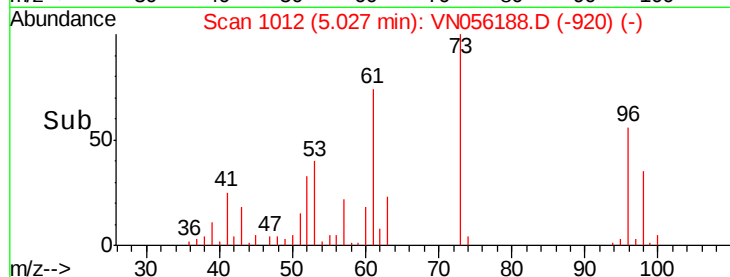
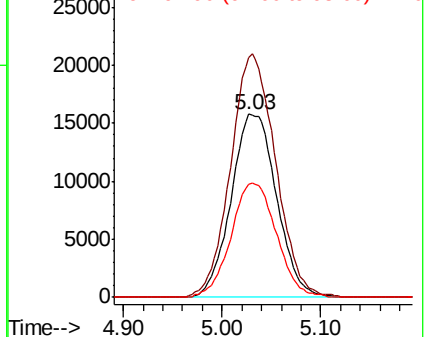
98 61.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.989 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Tgt Ion: 45 Resp: 158780

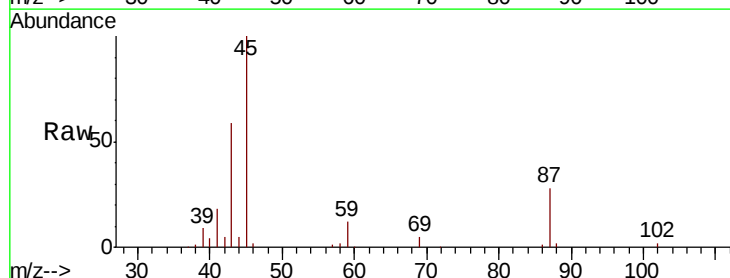
Ion Ratio Lower Upper

45 100

43 56.9 45.0 67.6

87 27.8 22.2 33.4

59 12.4 9.1 13.7

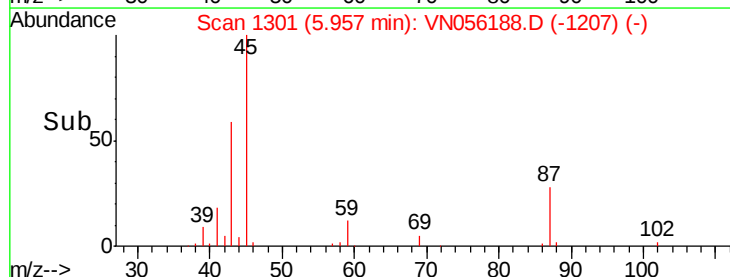
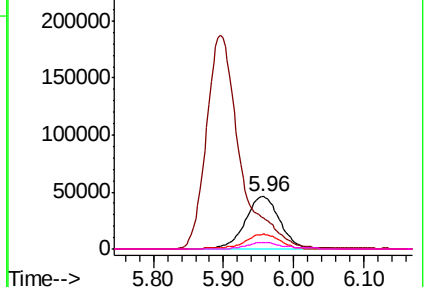


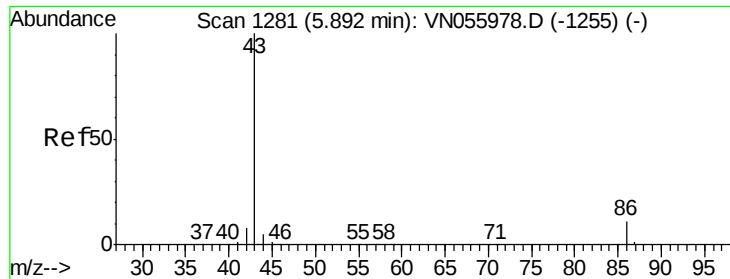
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.565 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

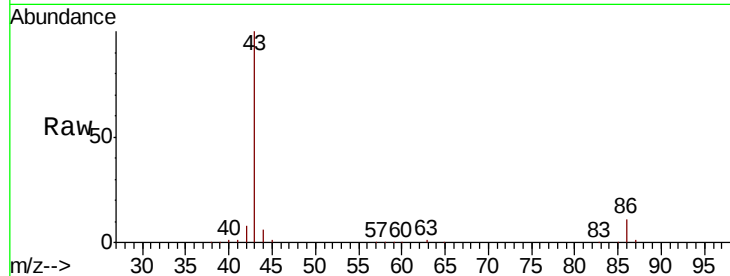
VN0610WBS02

Tot Ion: 43 Resp: 622924

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

200000

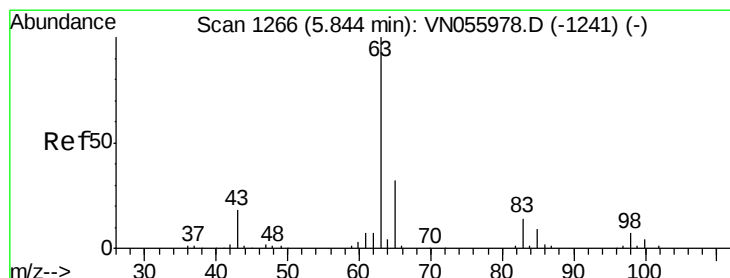
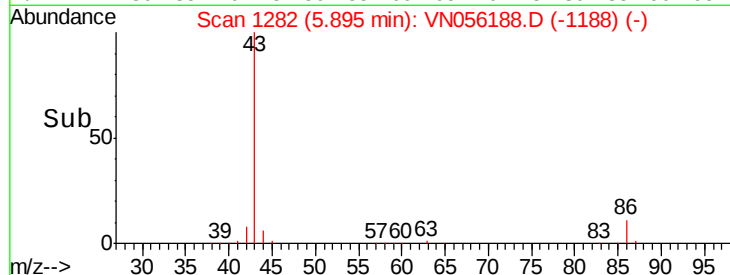
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.108 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

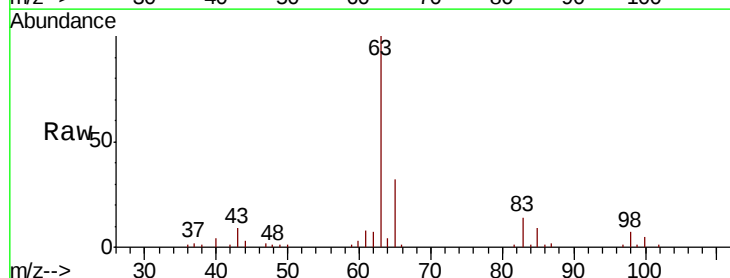
Tgt Ion: 63 Resp: 92108

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.84

40000

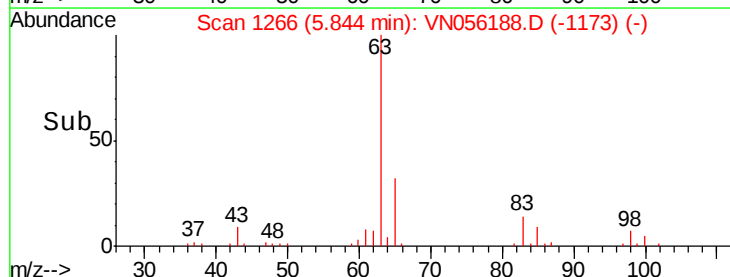
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 108.259 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

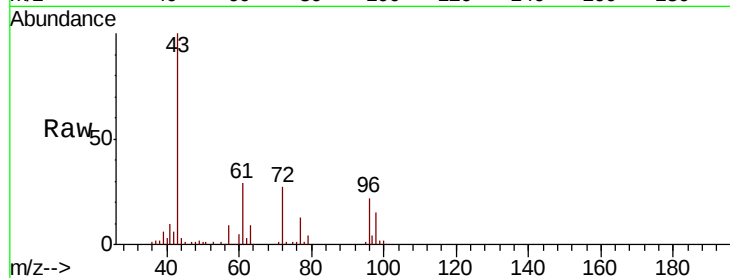
VN0610WBS02

Tot Ion: 43 Resp: 179321

Ion Ratio Lower Upper

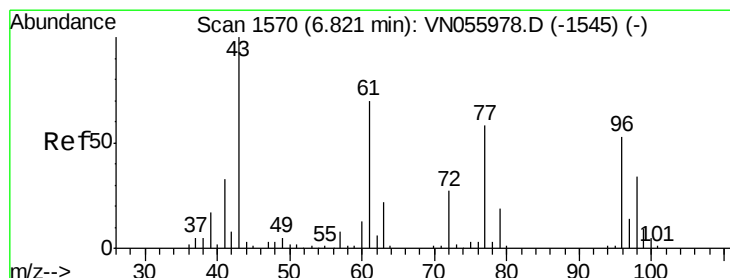
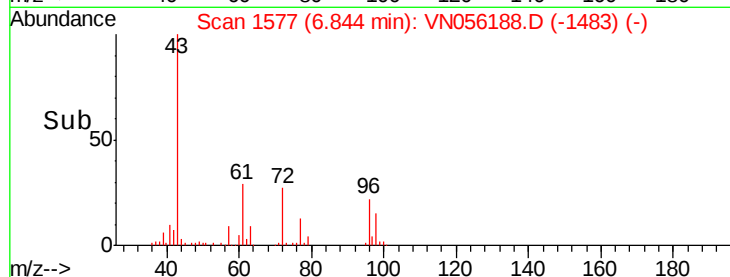
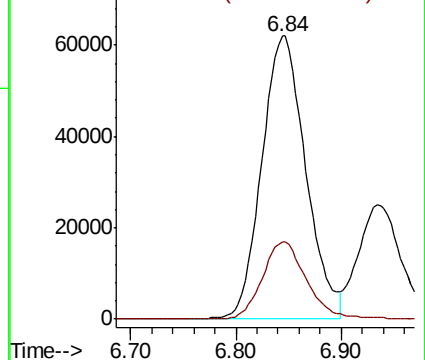
43 100

72 27.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 14.275 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056188.D

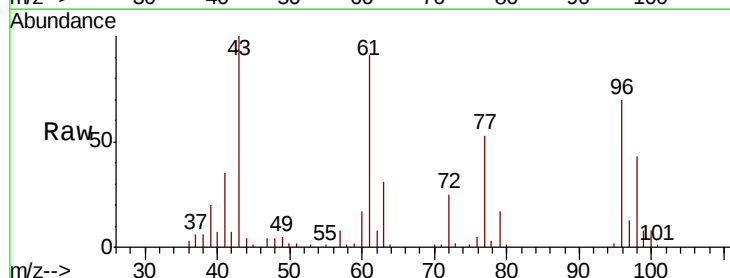
Acq: 11 Jun 2019 00:09

Tgt Ion: 77 Resp: 48606

Ion Ratio Lower Upper

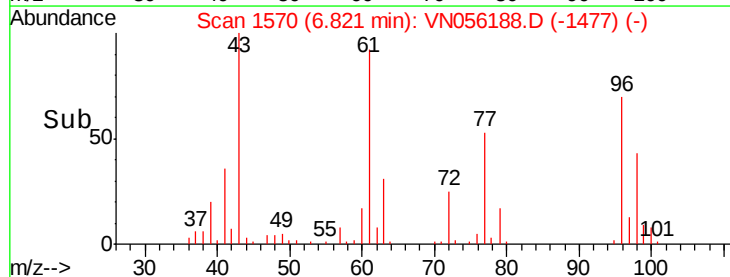
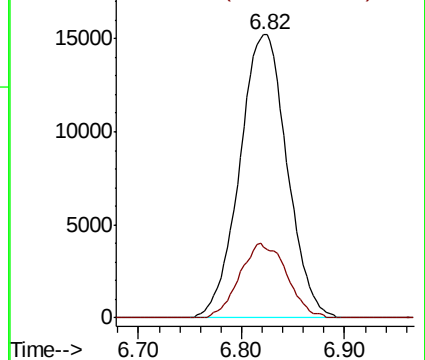
77 100

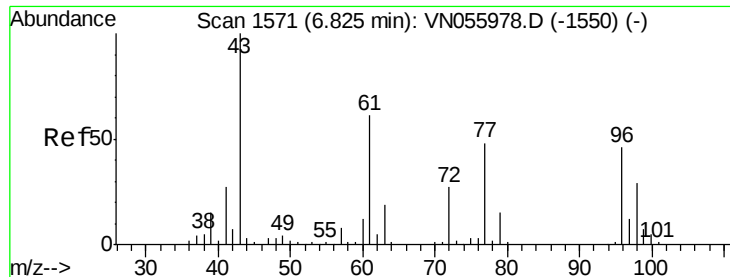
97 26.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.327 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

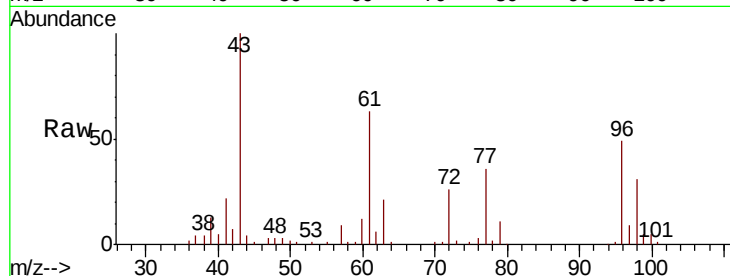
Tot Ion: 96 Resp: 59333

Ion Ratio Lower Upper

96 100

61 131.8 0.0 275.8

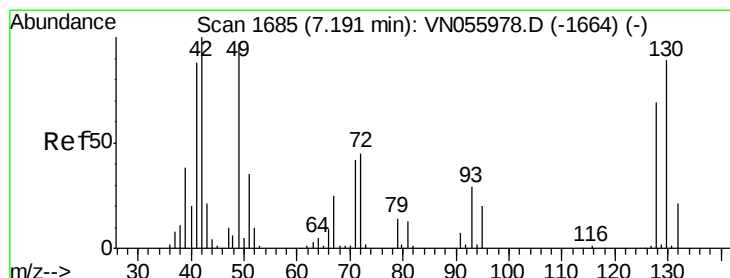
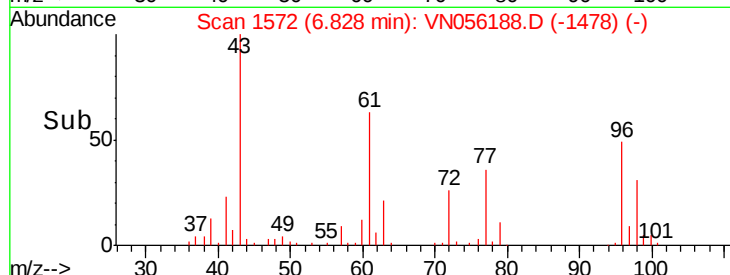
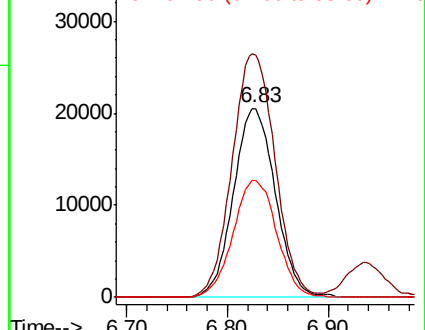
98 64.2 0.0 128.4



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: 21.154 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

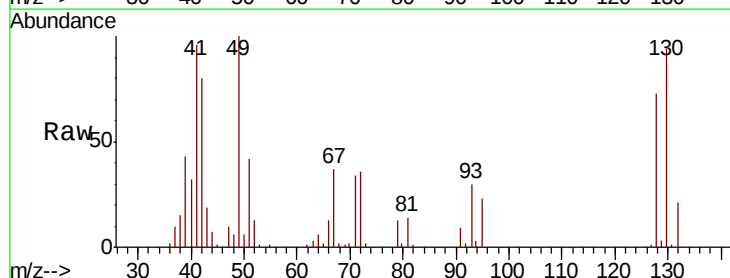
Tgt Ion: 49 Resp: 43654

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

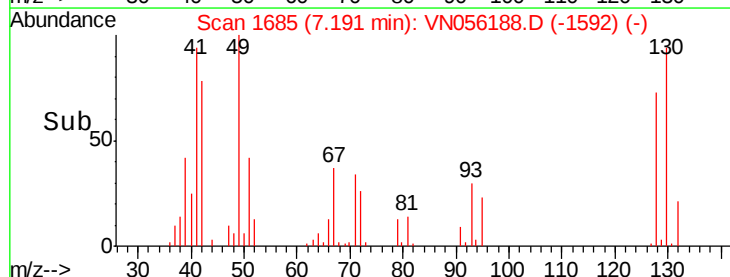
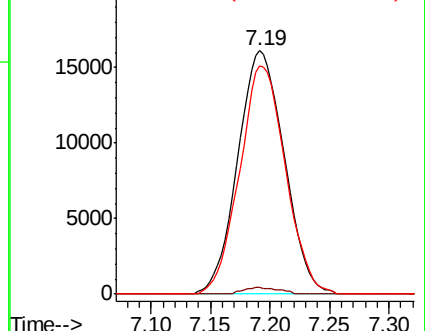
130 92.5 71.2 106.8

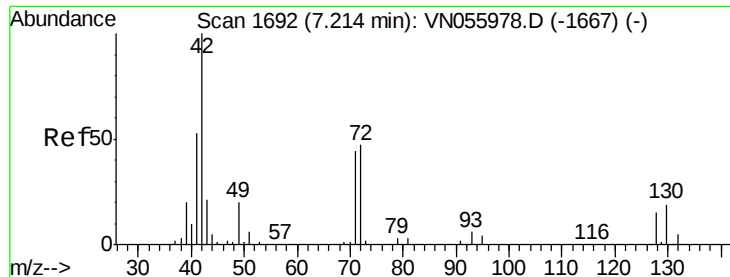


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 114.587 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

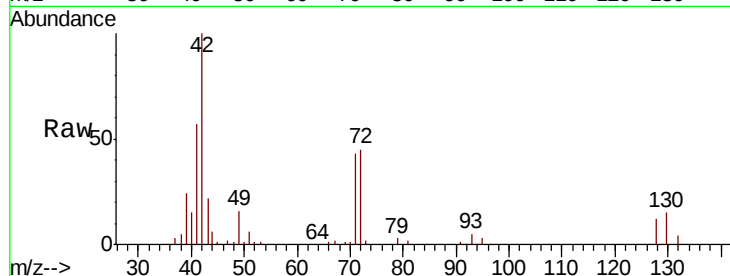
Tot Ion: 42 Resp: 117324

Ion Ratio Lower Upper

42 100

72 45.2 35.9 53.9

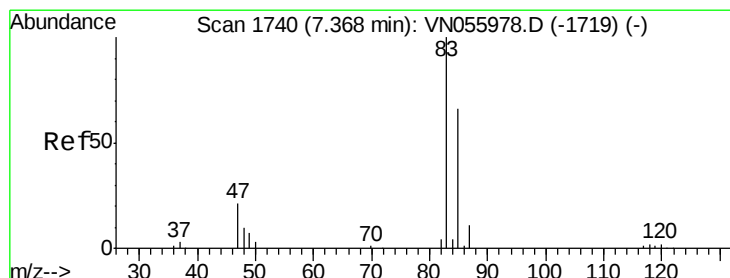
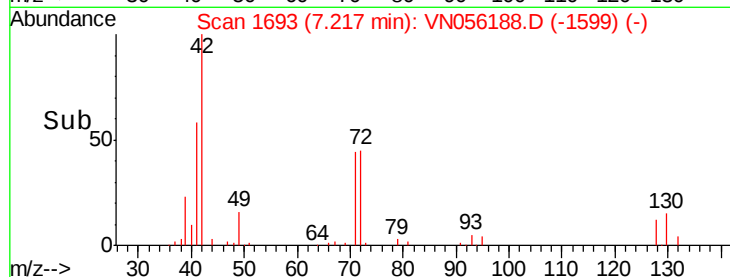
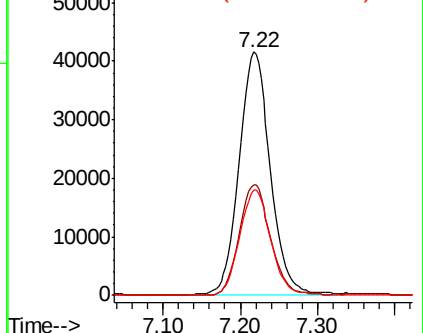
71 42.7 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.598 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056188.D

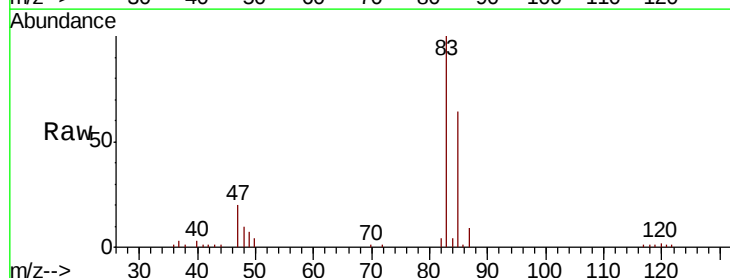
Acq: 11 Jun 2019 00:09

Tgt Ion: 83 Resp: 94807

Ion Ratio Lower Upper

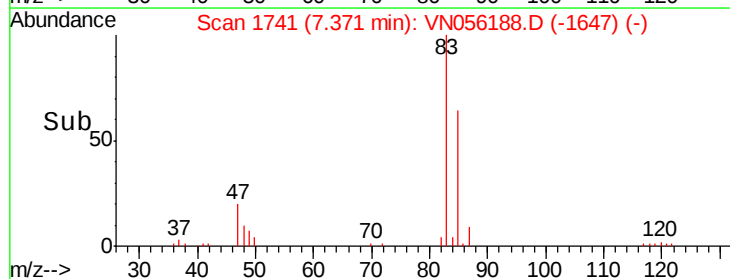
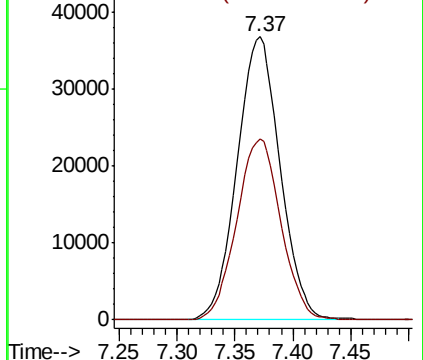
83 100

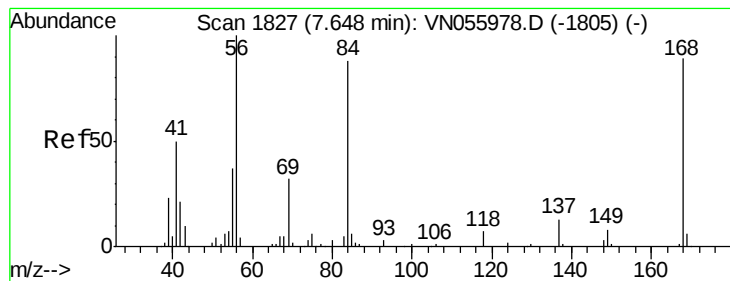
85 63.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.611 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0610WBS02

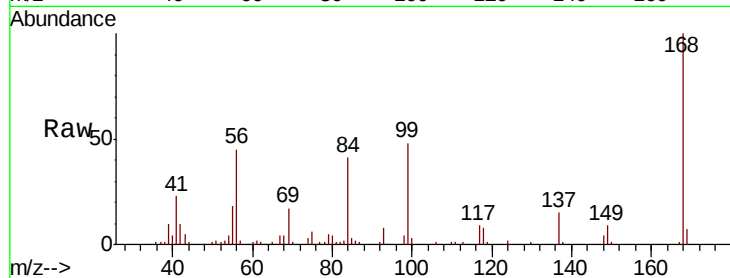
Tot Ion: 56 Resp: 80950

Ion Ratio Lower Upper

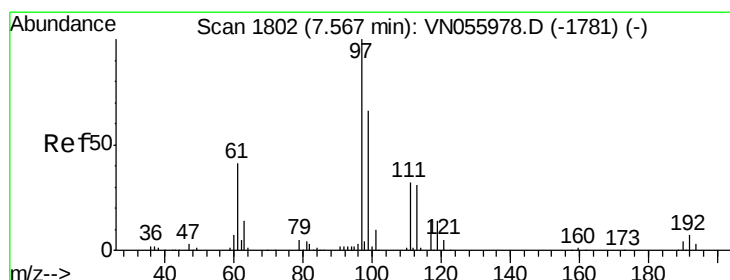
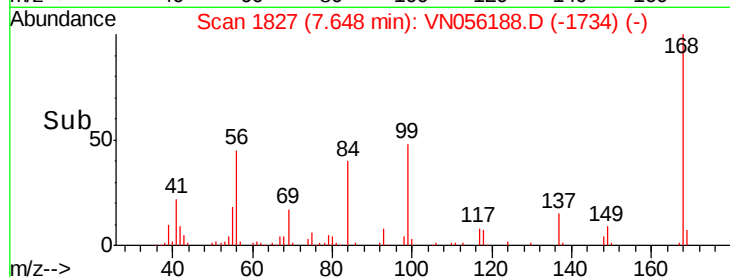
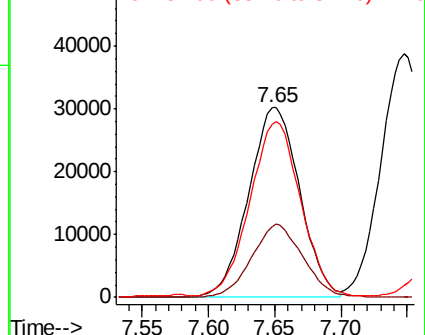
56 100

69 37.1 25.6 38.4

84 90.6 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: 20.664 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

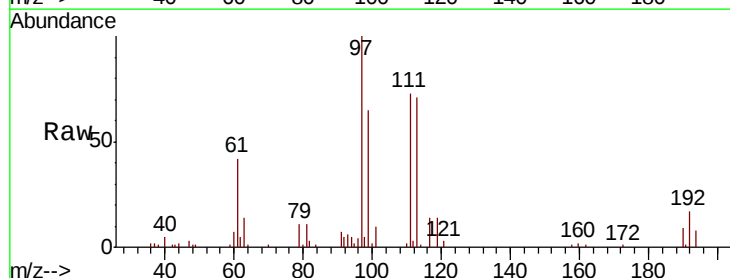
Tgt Ion: 97 Resp: 75749

Ion Ratio Lower Upper

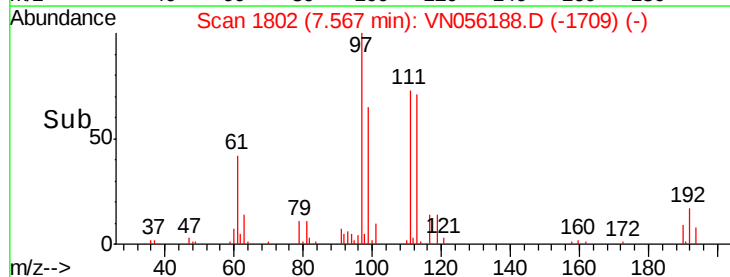
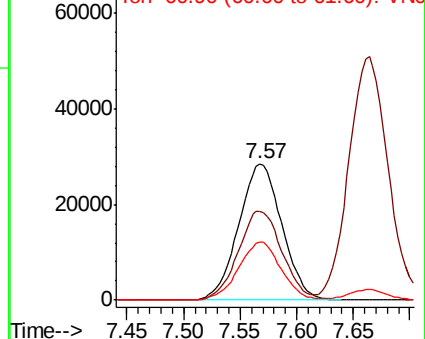
97 100

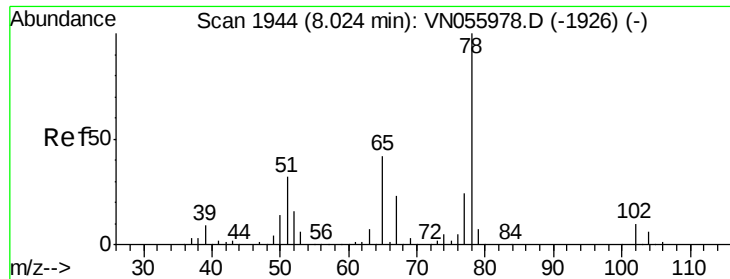
99 66.0 52.0 78.0

61 41.8 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: 51.501 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

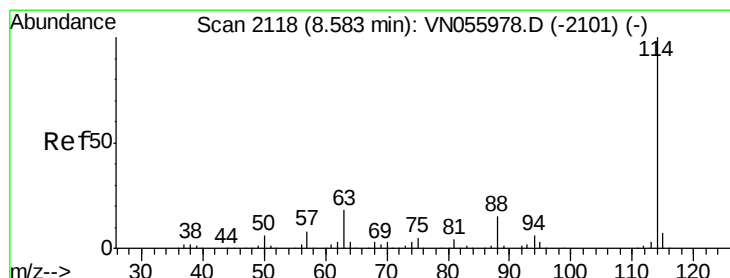
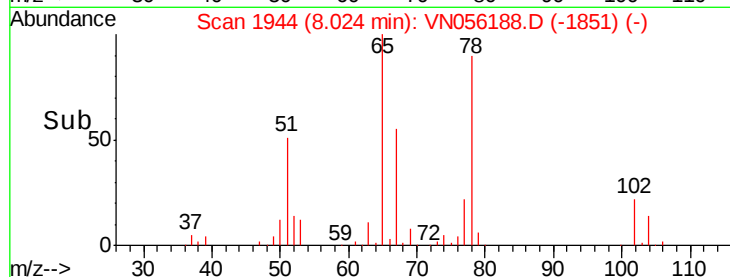
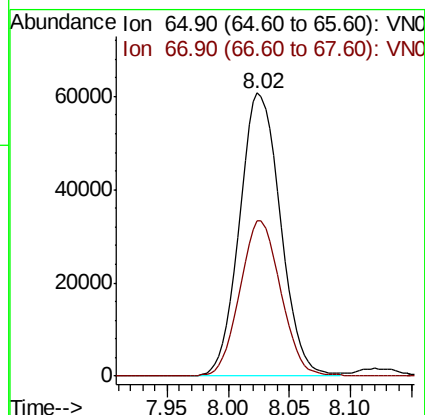
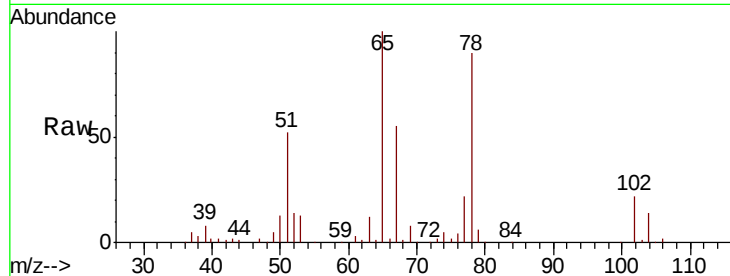
VN0610WBS02

Tot Ion: 65 Resp: 141171

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

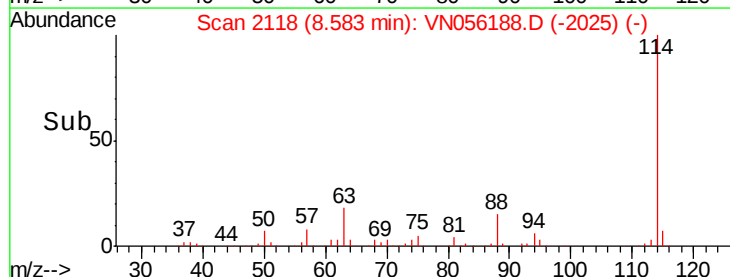
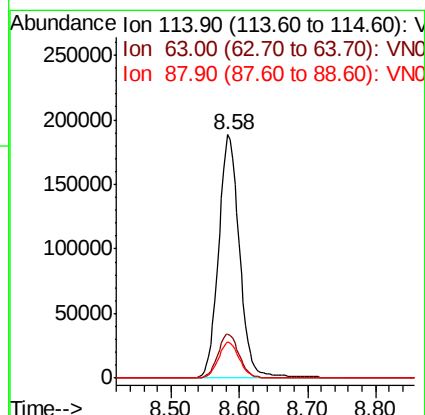
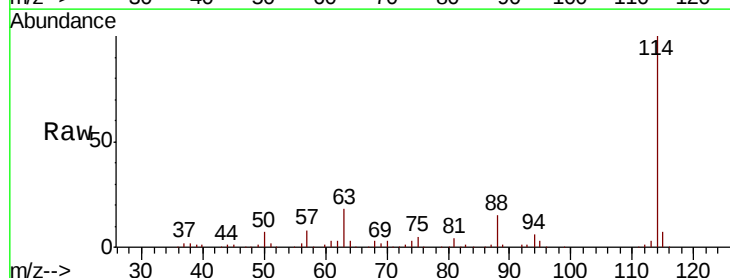
Tgt Ion: 114 Resp: 401315

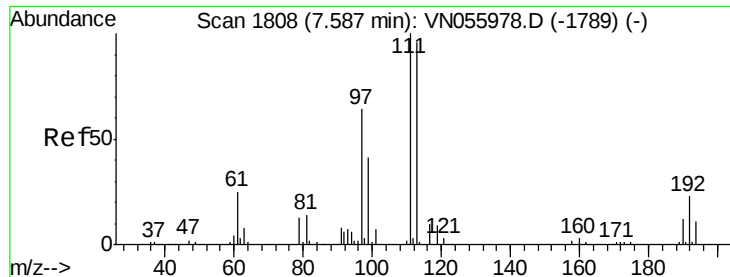
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.8 0.0 31.0

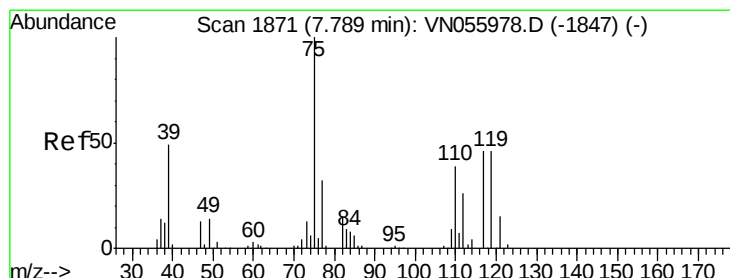
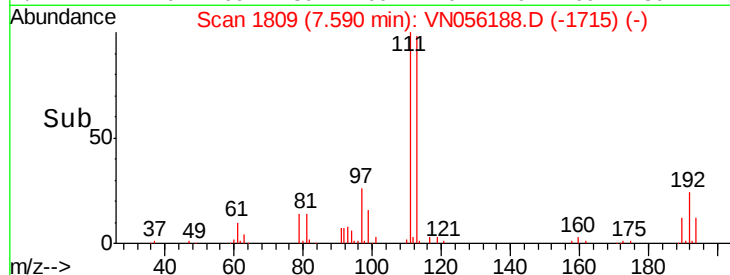
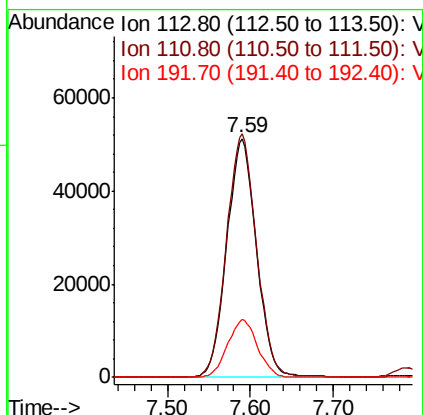
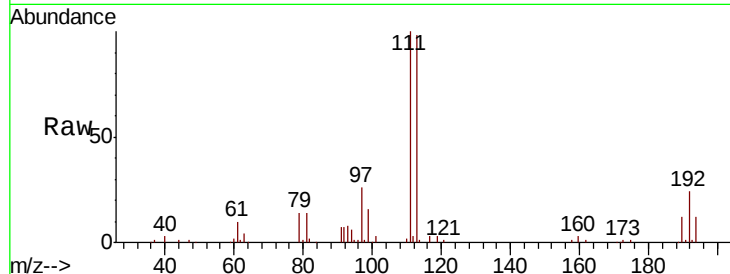




#35
 Dibromofluoromethane
 Concen: 51.898 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

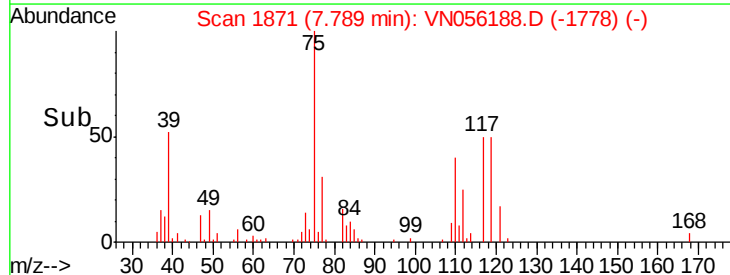
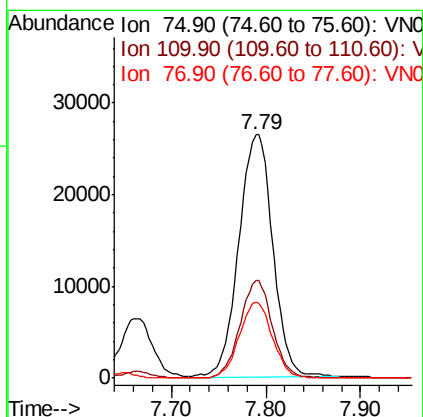
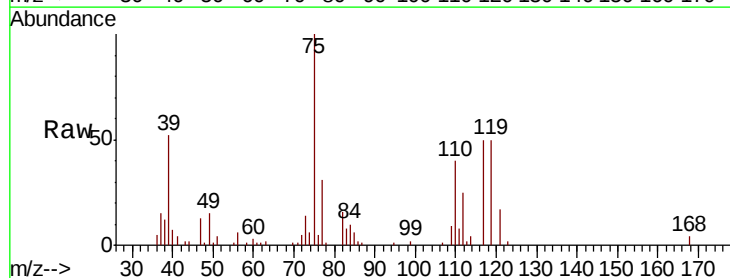
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

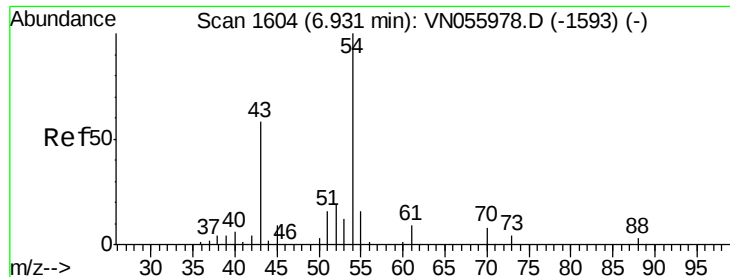
Tot Ion:113 Resp: 127782
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 24.2 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 19.134 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion: 75 Resp: 66028
 Ion Ratio Lower Upper
 75 100
 110 38.1 19.0 57.0
 77 30.5 25.1 37.7

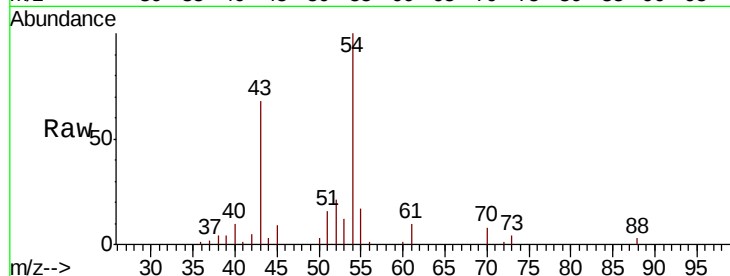




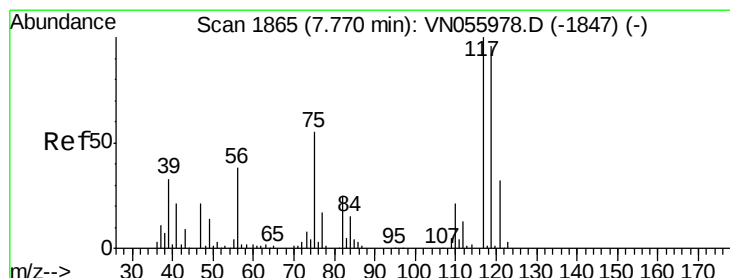
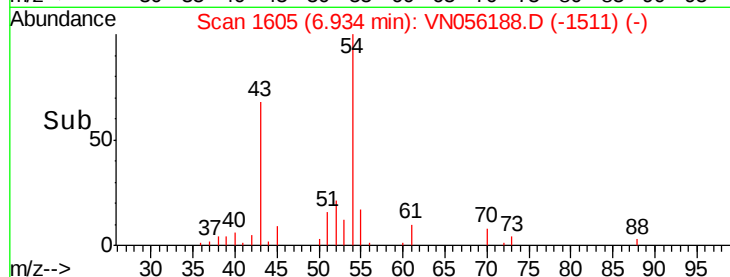
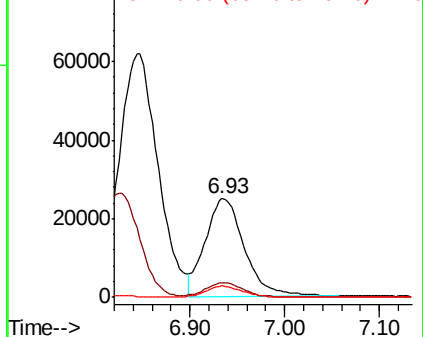
#37
Ethyl Acetate
Concen: 23.350 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion: 43 Resp: 71693
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 10.6 8.9 13.3

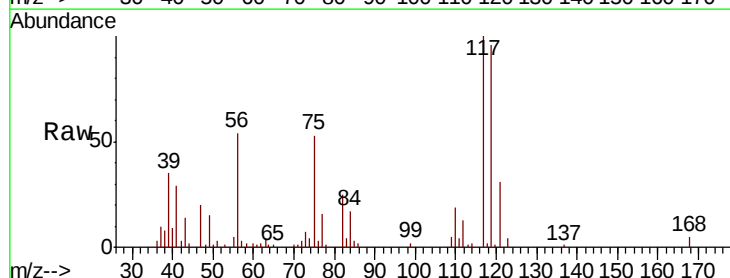


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

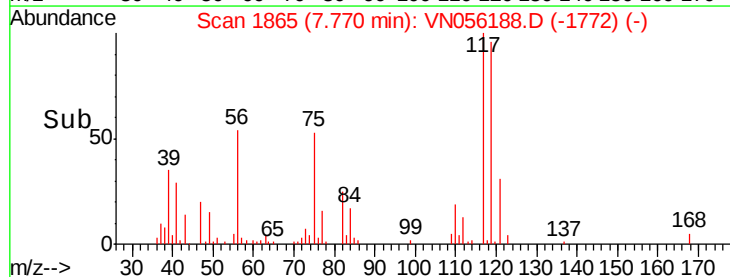
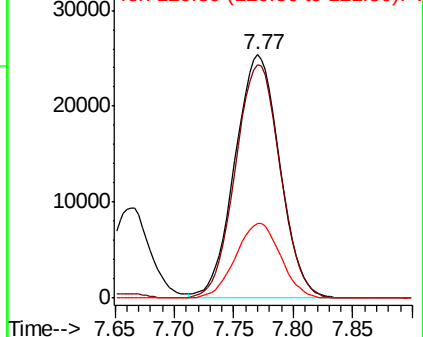


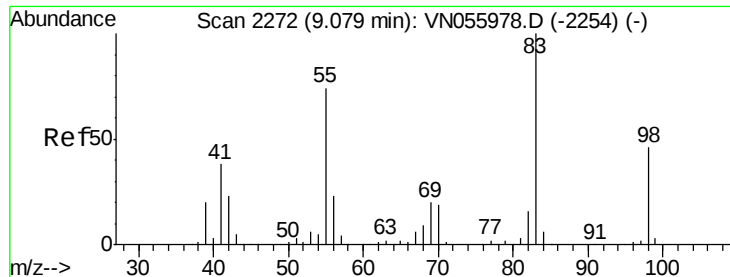
#38
Carbon Tetrachloride
Concen: 20.832 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 117 Resp: 66276
Ion Ratio Lower Upper
117 100
119 95.9 79.0 118.6
121 30.7 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

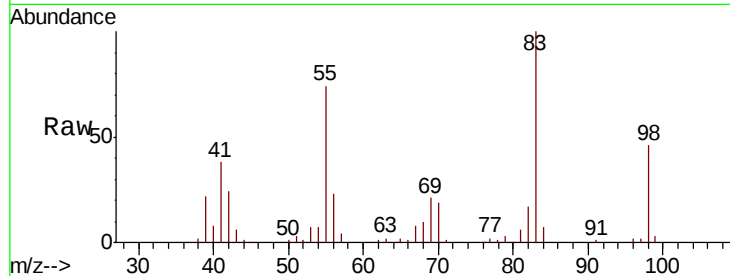




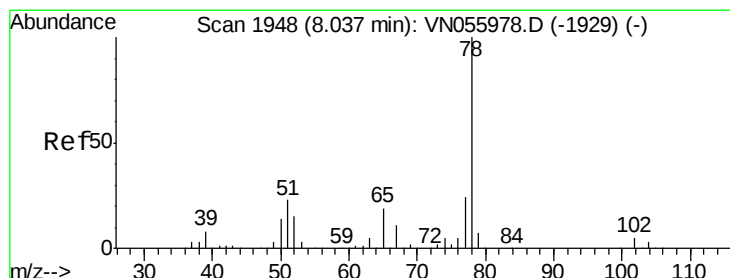
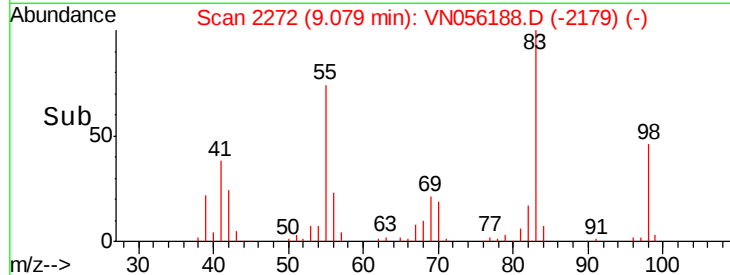
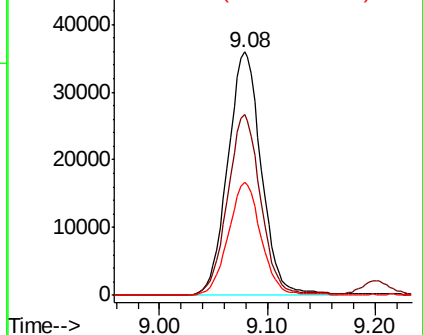
#39
Methvlcvclohexane
Concen: 18.155 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion: 83 Resp: 78040
Ion Ratio Lower Upper
83 100
55 74.2 59.3 88.9
98 46.4 36.6 54.8

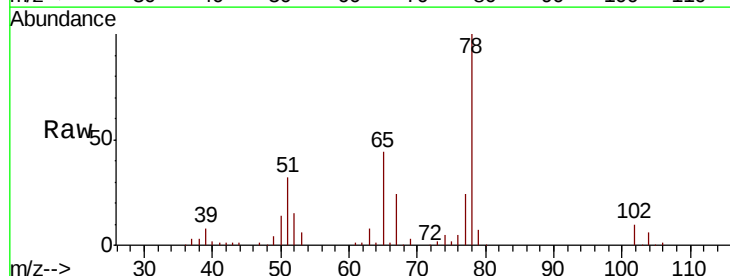


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

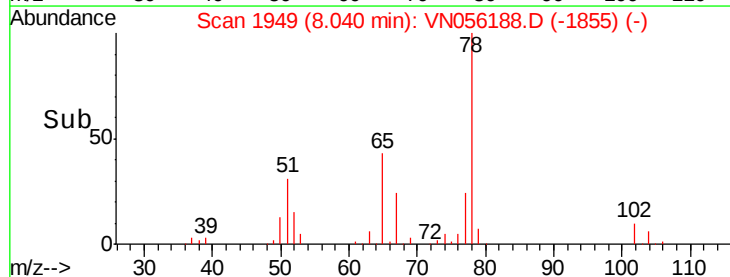
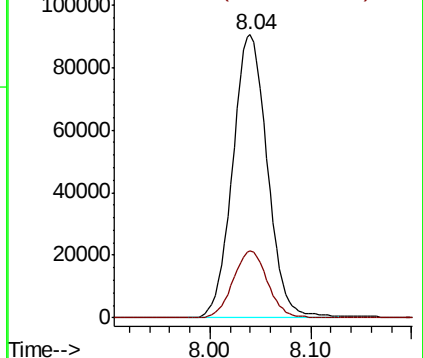


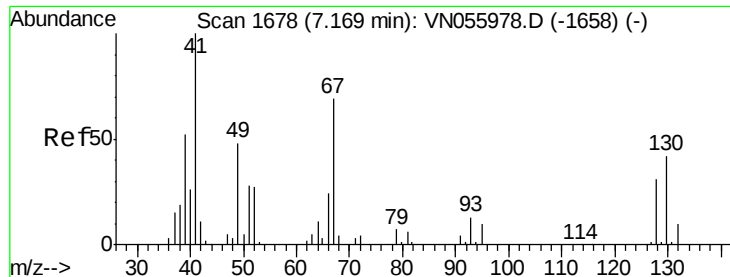
#40
Benzene
Concen: 20.588 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 78 Resp: 215779
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

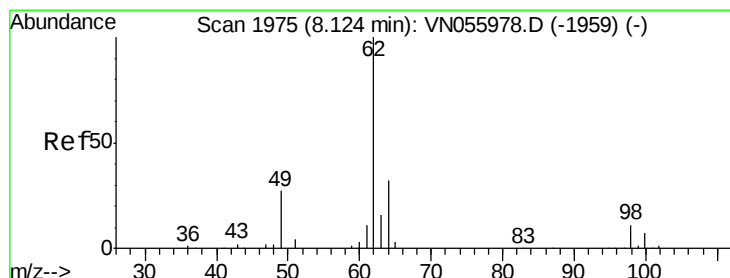
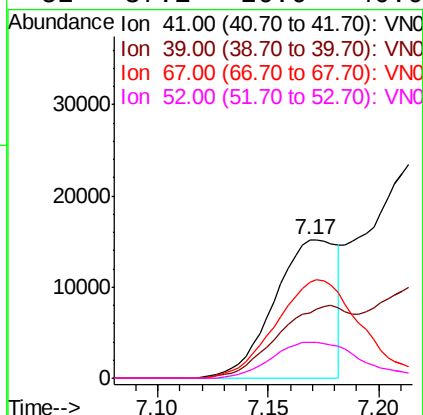
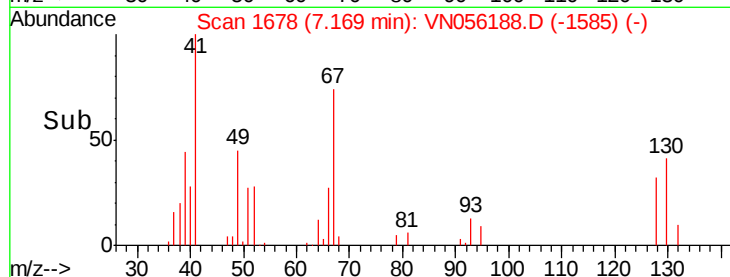
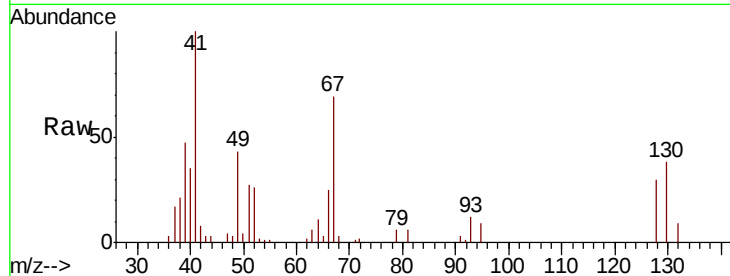




#41
Methacrylonitrile
Concen: 21.266 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

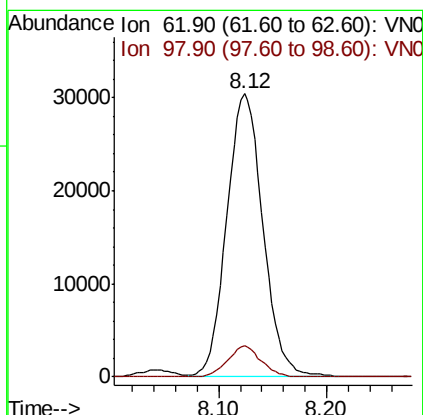
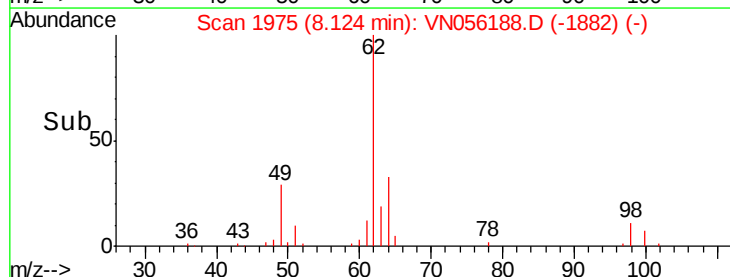
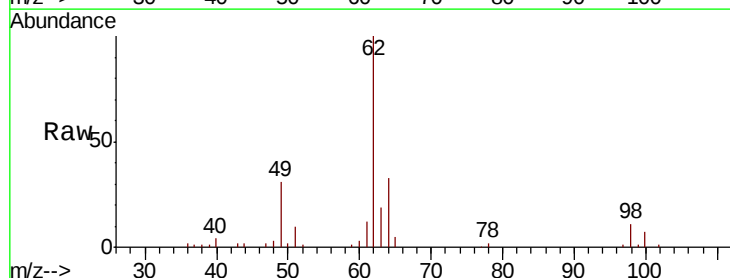
Instrument :
MSVOA_N
ClientSampled :
VN0610WBS02

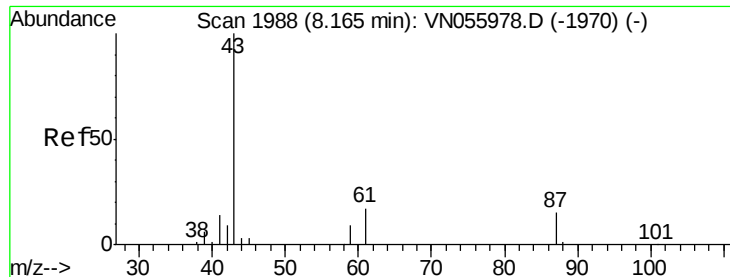
Tot Ion: 41 Resp: 30041
Ion Ratio Lower Upper
41 100
39 60.1 45.6 68.4
67 96.3 67.7 101.5
52 37.1 26.6 40.0



#42
1,2-Dichloroethane
Concen: 21.127 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 62 Resp: 71224
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 21.198 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

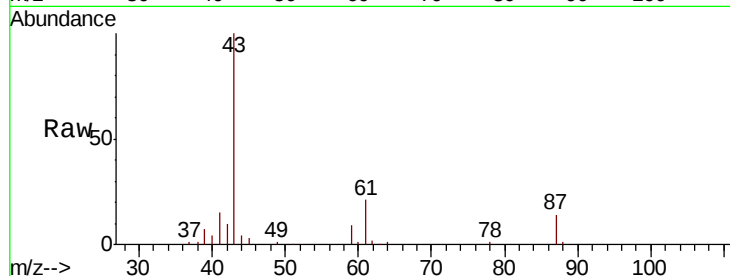
Tot Ion: 43 Resp: 105468

Ion Ratio Lower Upper

43 100

61 21.7 22.2 33.4#

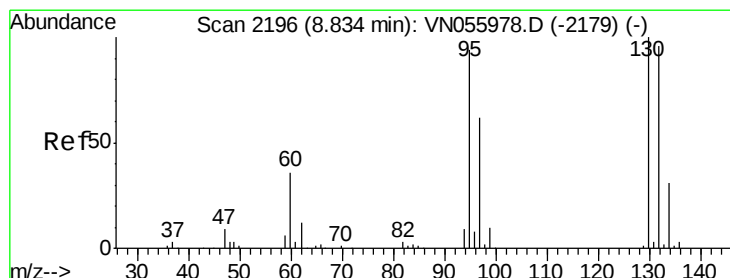
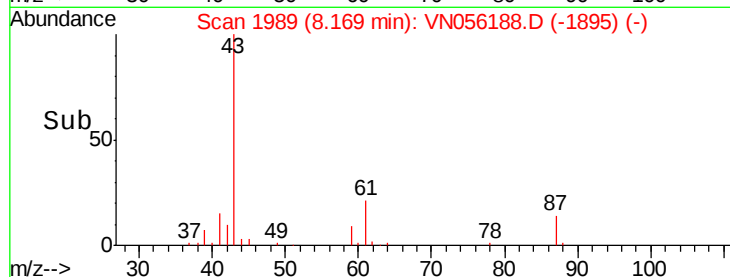
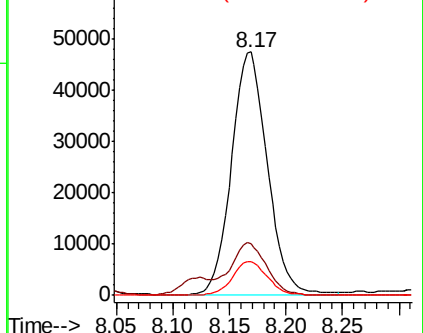
87 13.5 11.4 17.2



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: 20.007 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056188.D

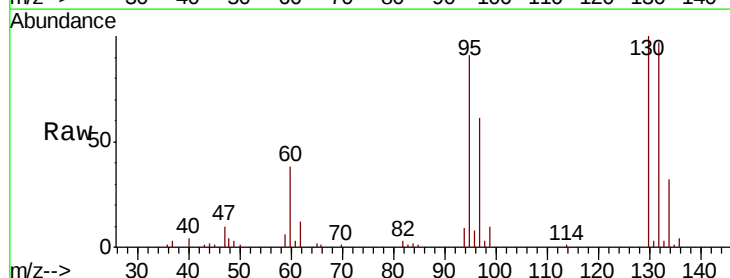
Acq: 11 Jun 2019 00:09

Tgt Ion:130 Resp: 60254

Ion Ratio Lower Upper

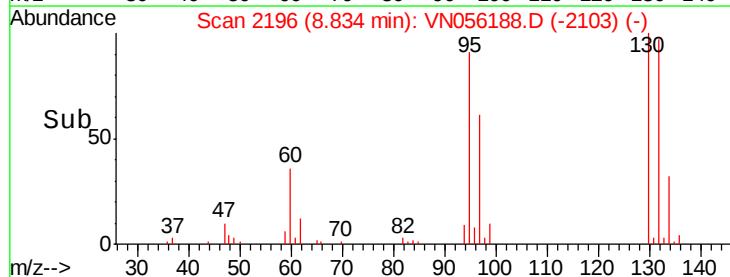
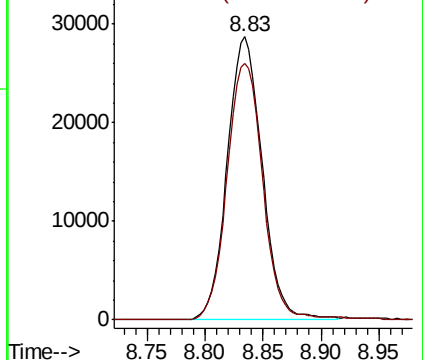
130 100

95 90.6 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: 21.307 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

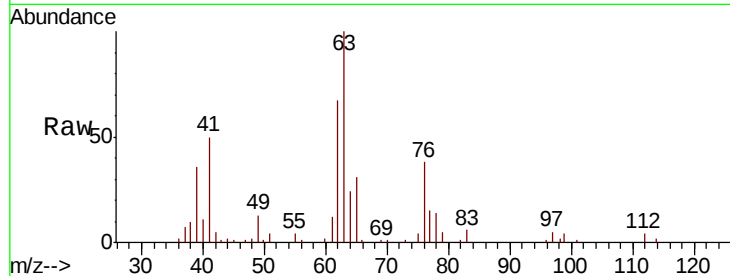
VN0610WBS02

Tot Ion: 63 Resp: 57201

Ion Ratio Lower Upper

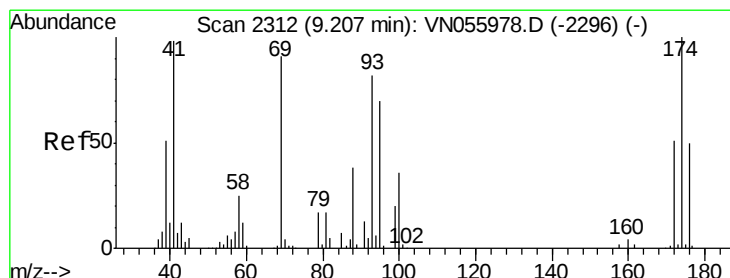
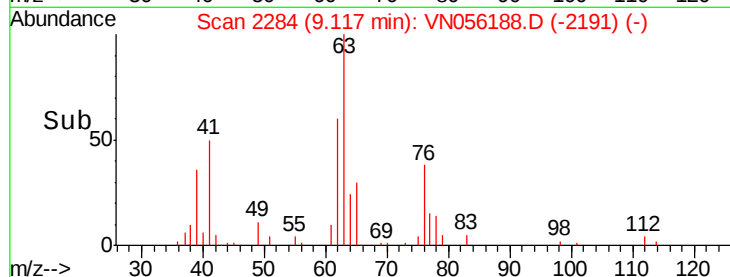
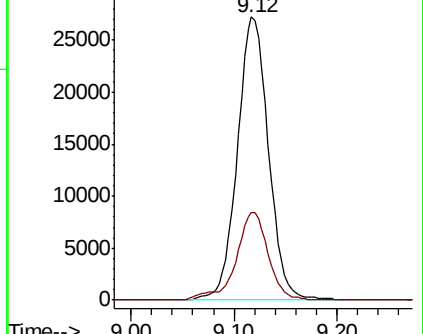
63 100

65 31.1 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: 22.020 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

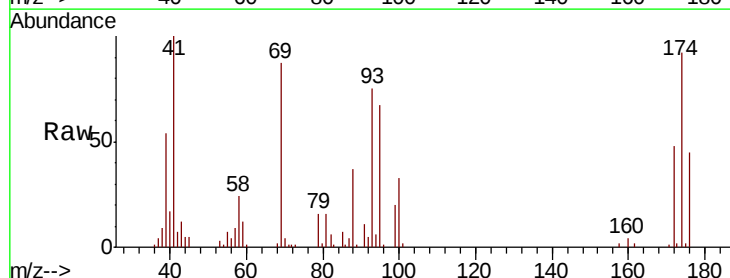
Tgt Ion: 93 Resp: 38656

Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

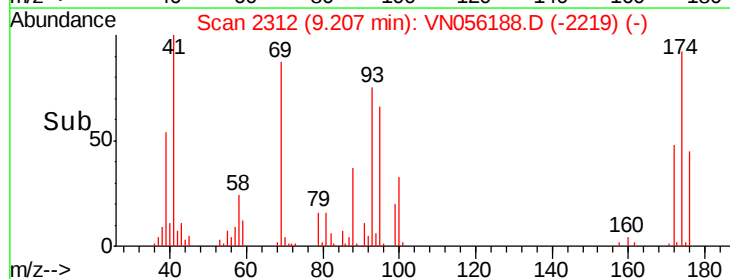
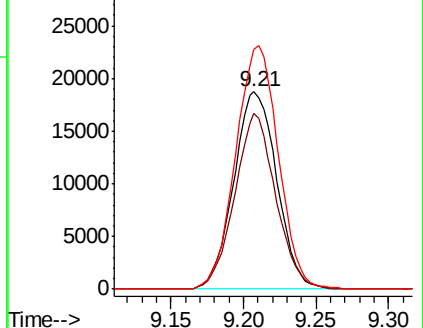
174 122.4 96.4 144.6



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: 22.059 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

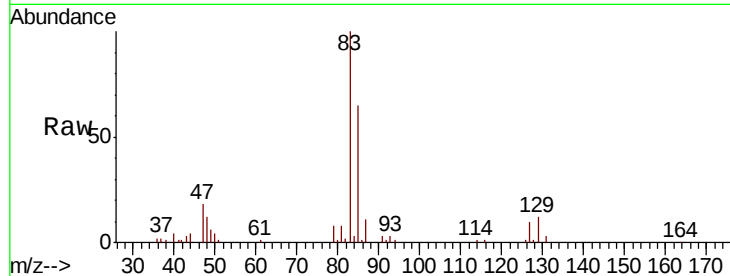
Tot Ion: 83 Resp: 70184

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2

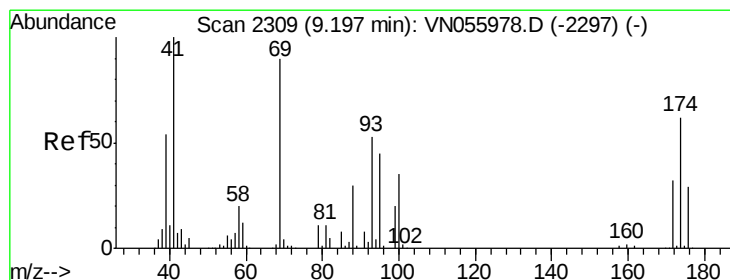
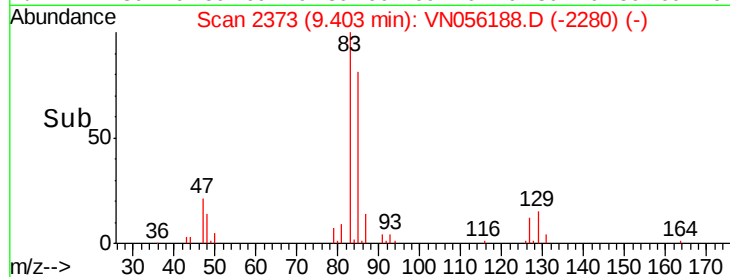
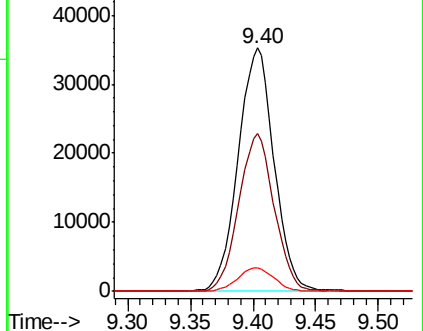
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.854 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

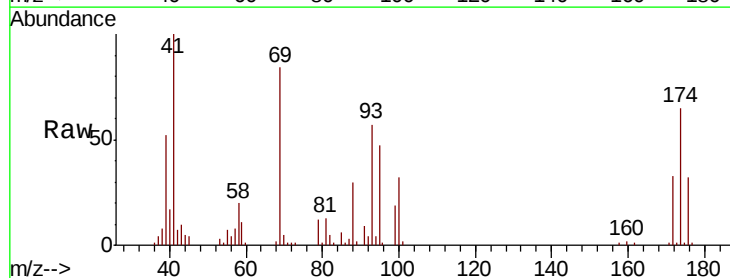
Tgt Ion: 41 Resp: 53194

Ion Ratio Lower Upper

41 100

69 88.8 71.0 106.6

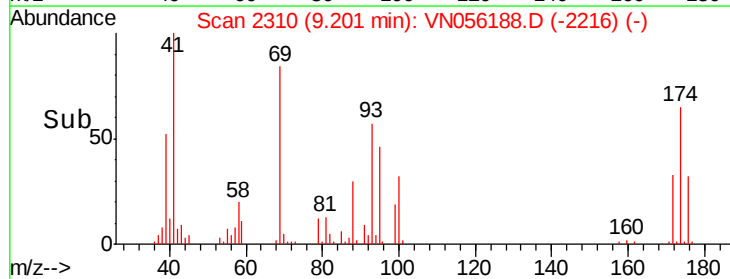
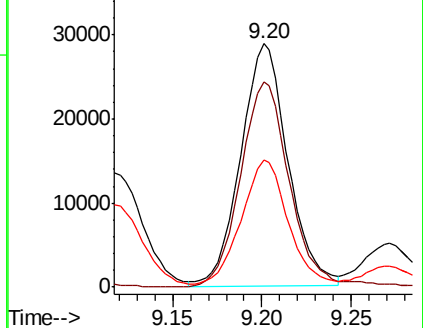
39 53.0 44.2 66.2

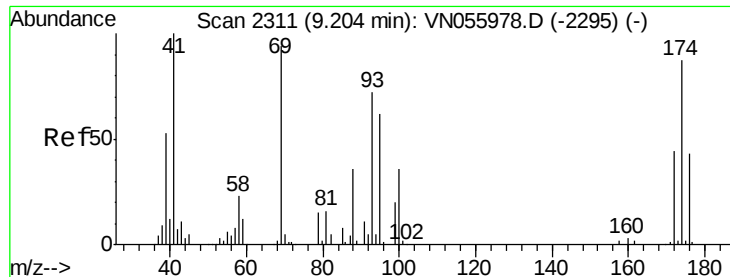


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 429.997 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

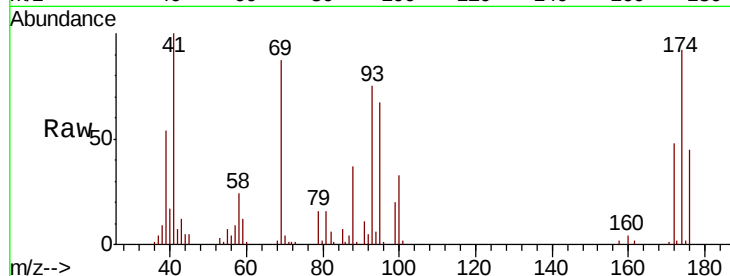
Tot Ion: 88 Resp: 22596

Ion Ratio Lower Upper

88 100

43 26.3 20.5 30.7

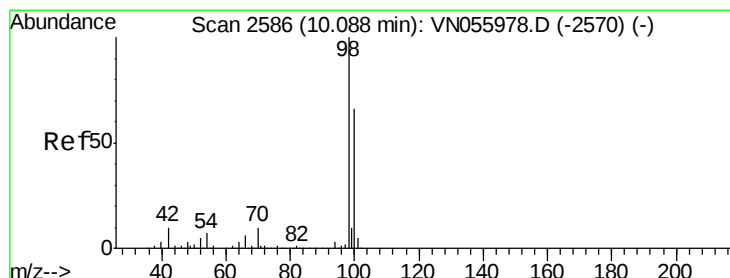
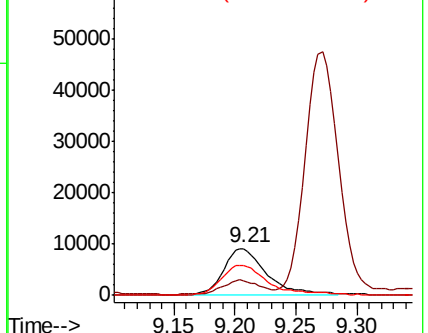
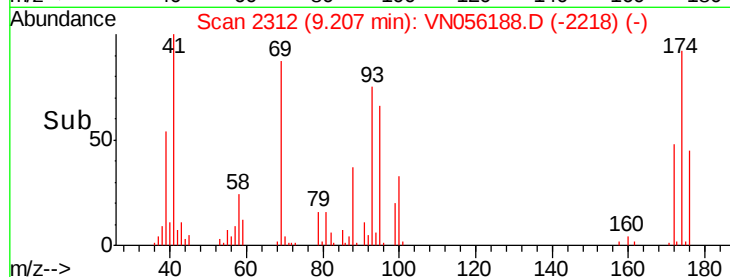
58 69.9 55.8 83.6



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: 49.773 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056188.D

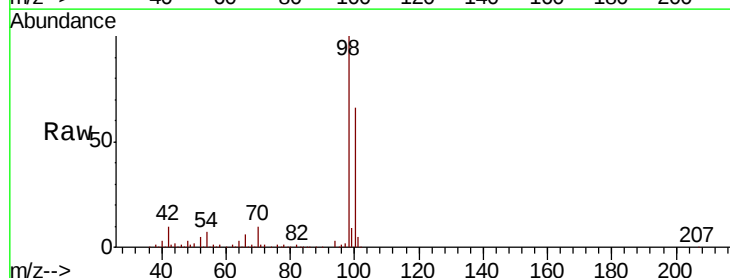
Acq: 11 Jun 2019 00:09

Tgt Ion: 98 Resp: 471576

Ion Ratio Lower Upper

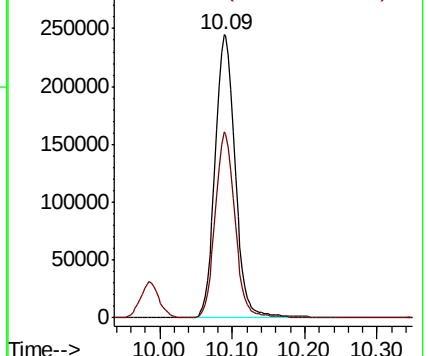
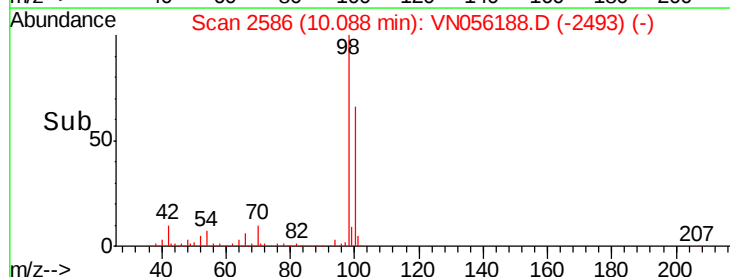
98 100

100 64.1 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: 113.061 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

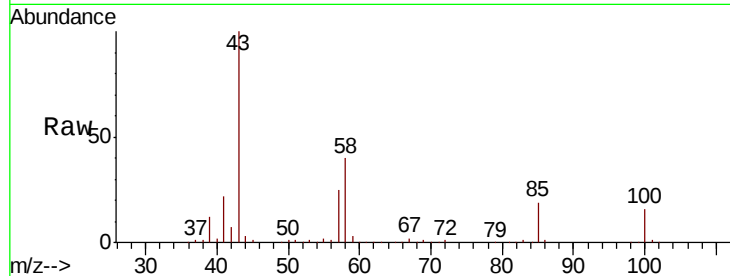
VN0610WBS02

Tot Ion: 43 Resp: 351772

Ion Ratio Lower Upper

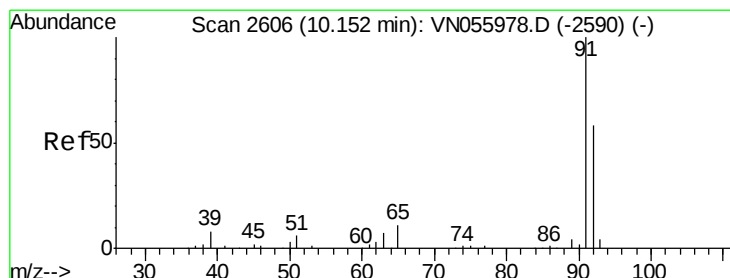
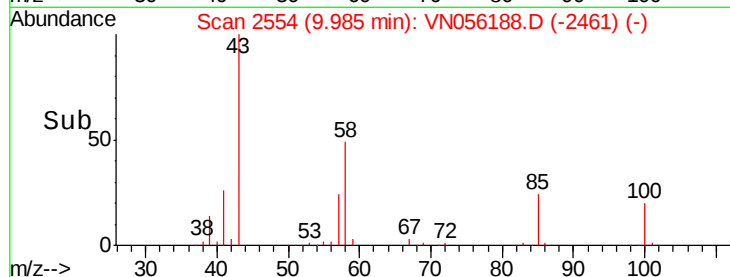
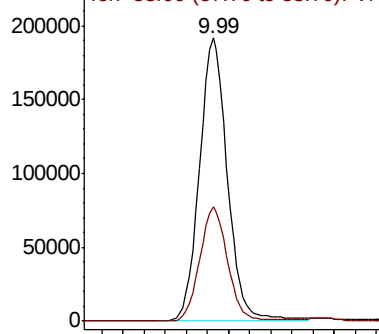
43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.882 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056188.D

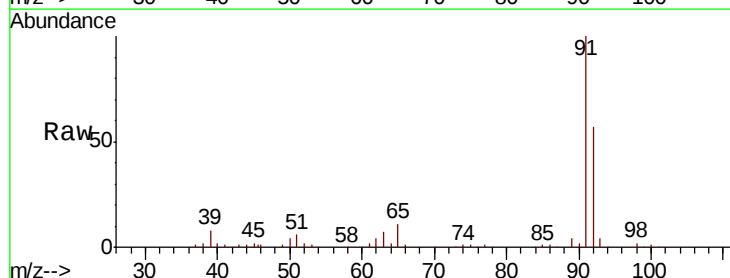
Acq: 11 Jun 2019 00:09

Tgt Ion: 92 Resp: 136187

Ion Ratio Lower Upper

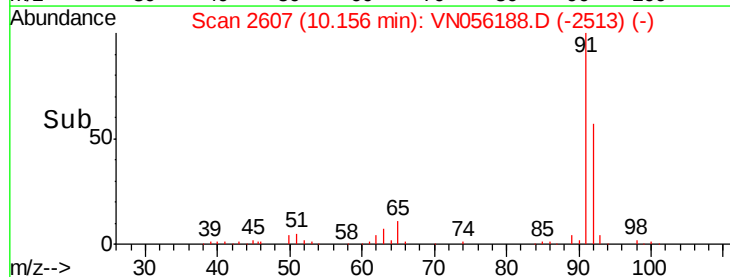
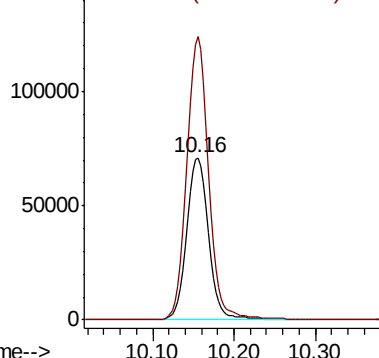
92 100

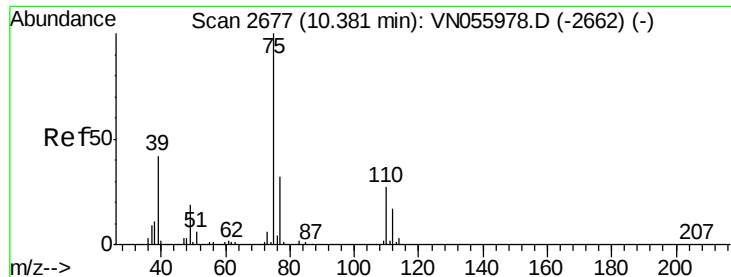
91 173.8 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.401 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

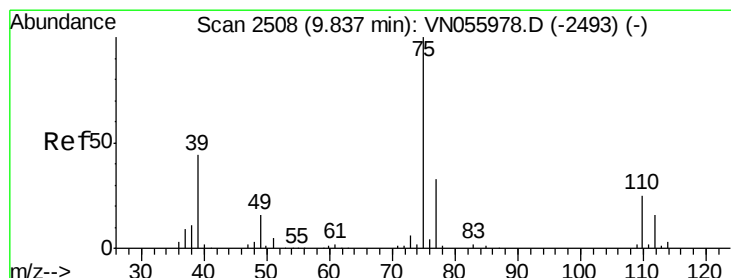
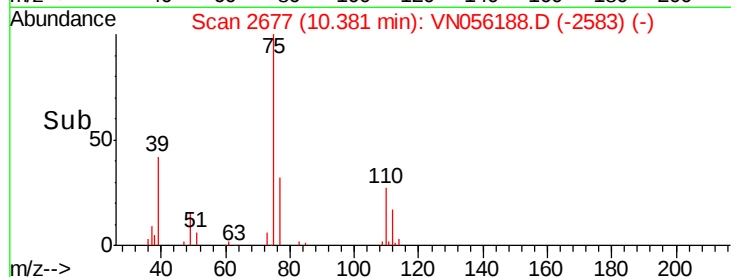
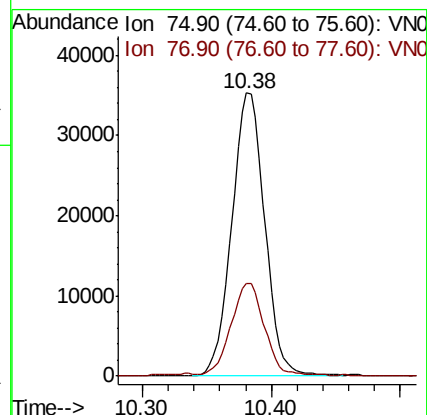
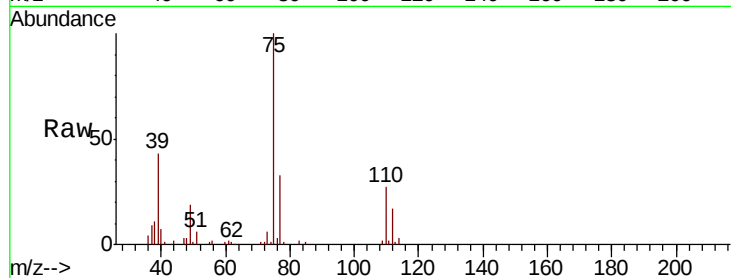
VN0610WBS02

Tot Ion: 75 Resp: 62702

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.969 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

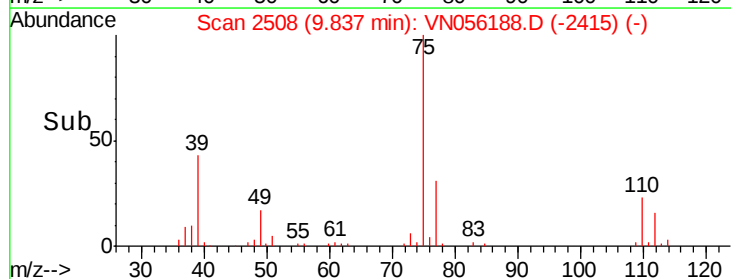
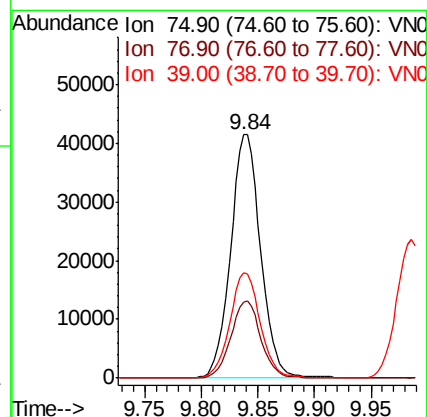
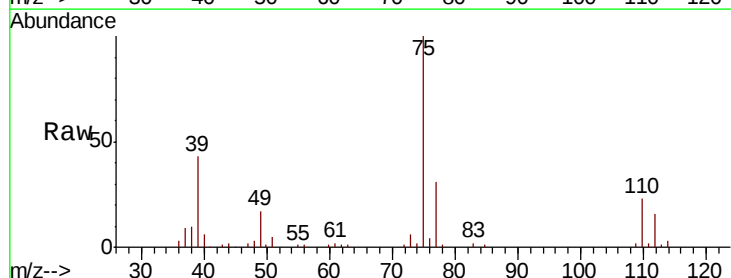
Tgt Ion: 75 Resp: 76369

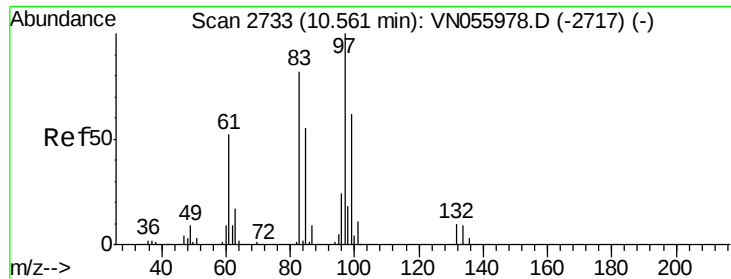
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 43.4 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 22.044 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

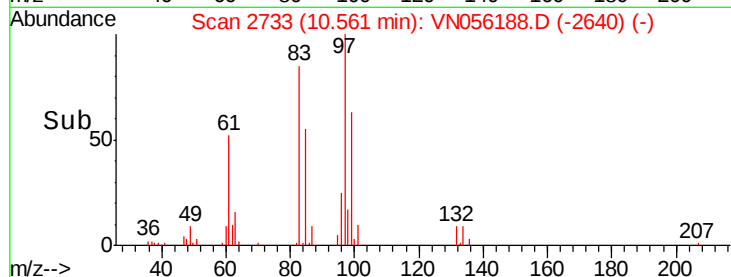
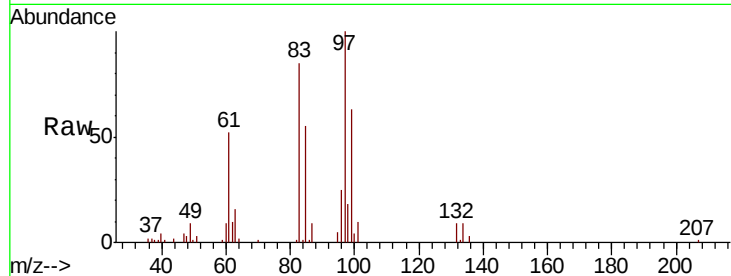
MSVOA_N

ClientSampleId :

VN0610WBS02

Tot Ion: 97 Resp: 56947

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.0	100.6
85	55.0	44.0	66.0
99	63.0	50.6	75.8

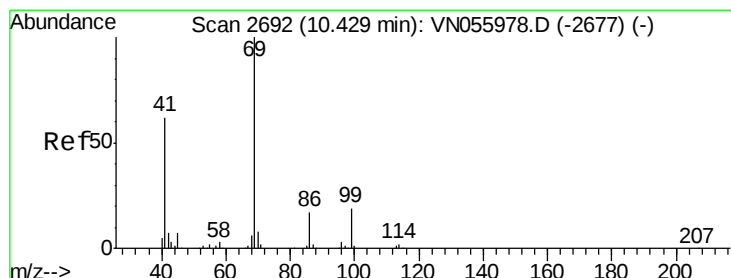
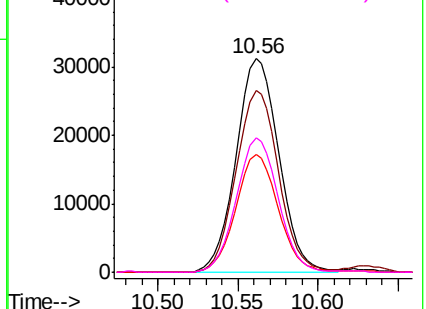


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 21.049 ug/l

RT: 10.43 min Scan# 2692

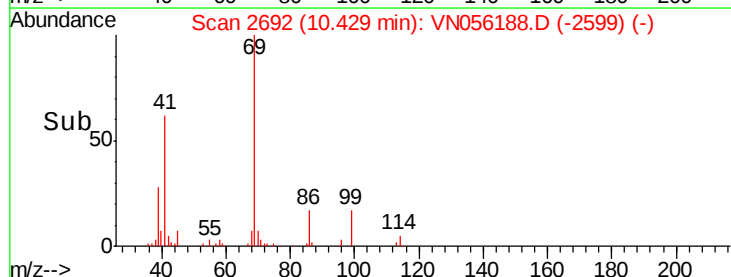
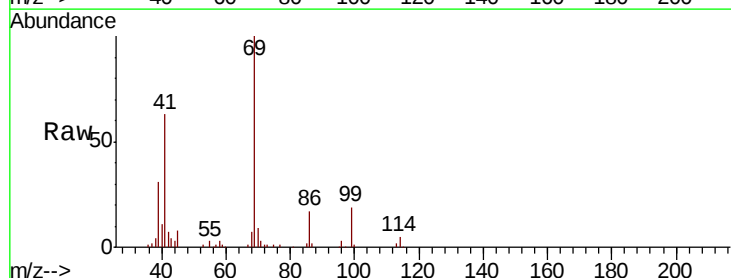
Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Tgt Ion: 69 Resp: 79329

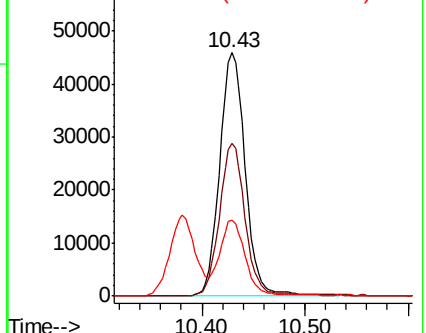
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	30.4	24.7	37.1

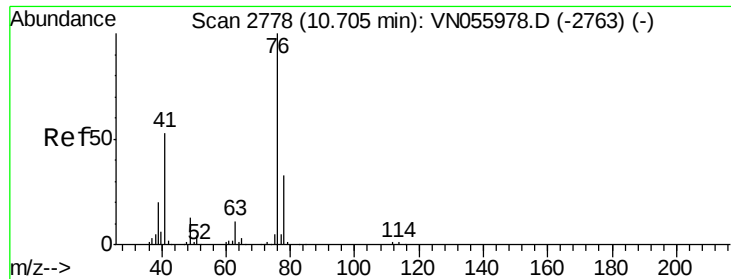


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

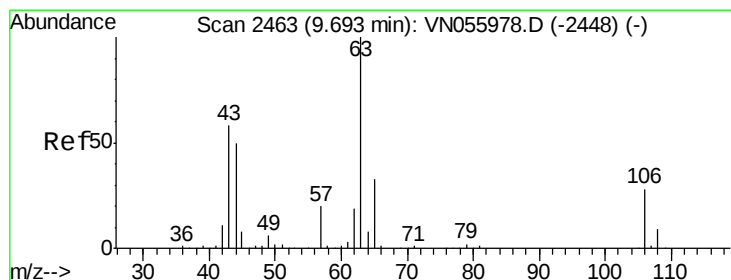
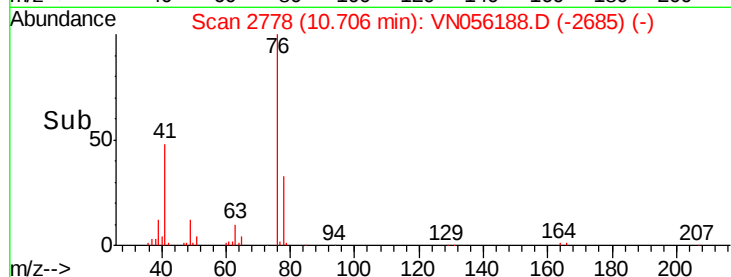
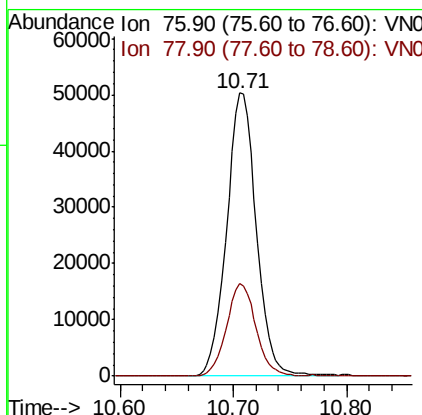
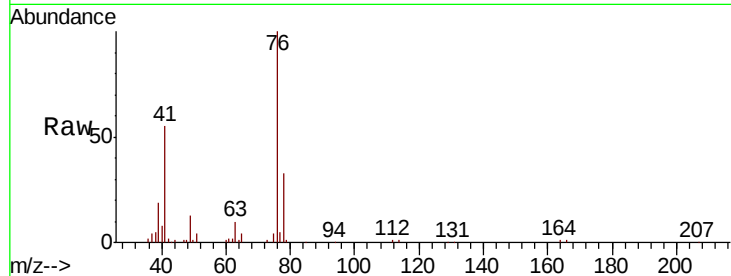




#57
 1,3-Dichloropropane
 Concen: 21.869 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

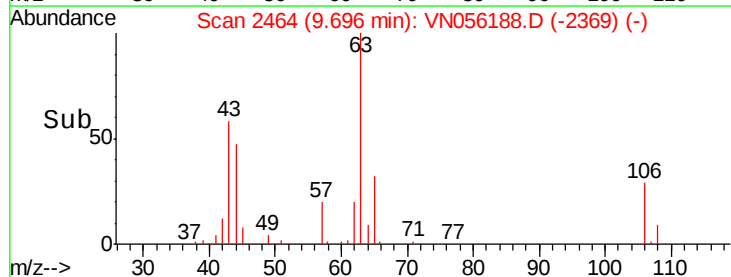
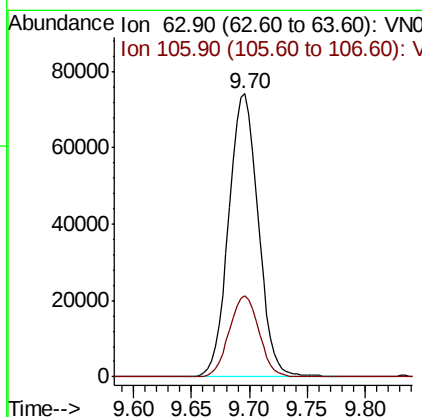
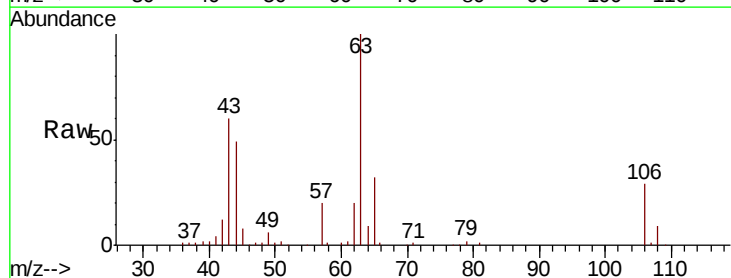
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

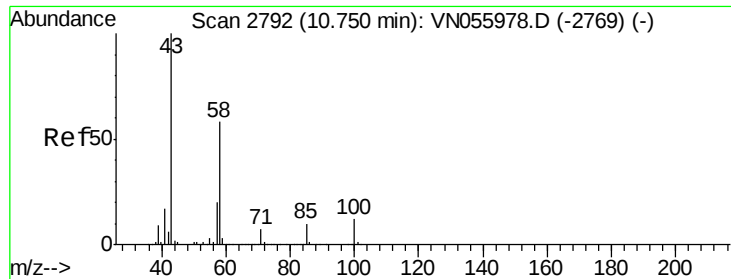
Tot Ion: 76 Resp: 91841
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.564 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion: 63 Resp: 131378
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1

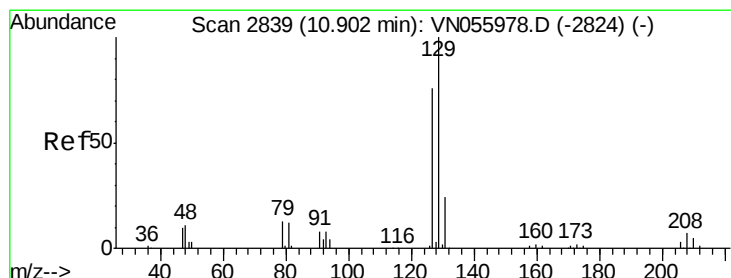
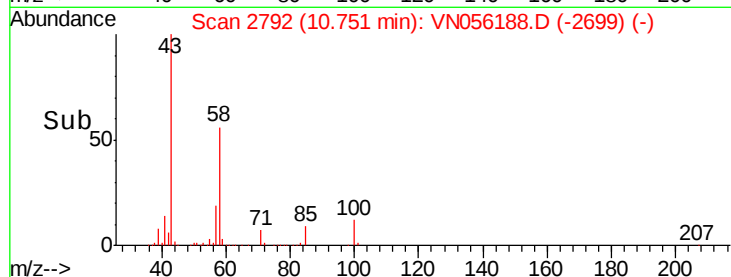
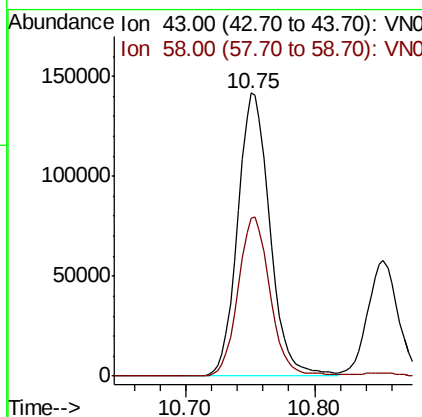
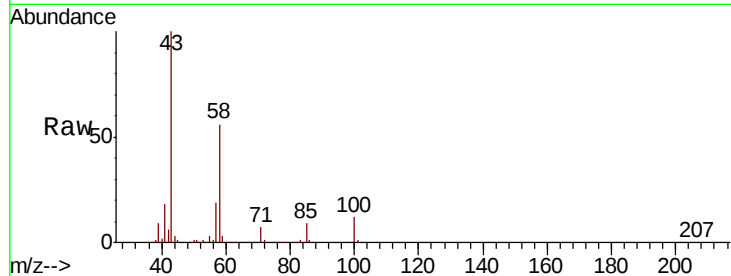




#59
2-Hexanone
Concen: 108.738 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

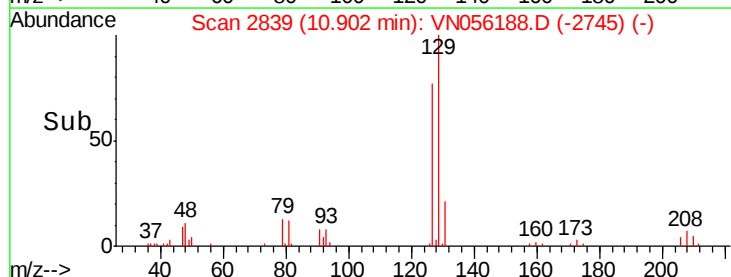
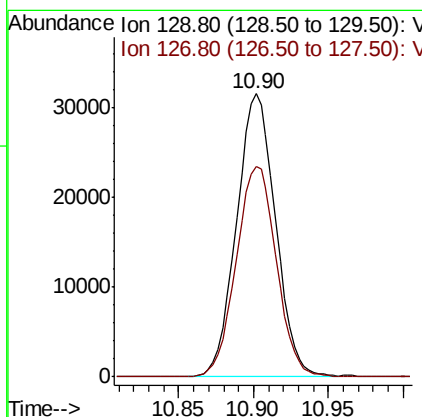
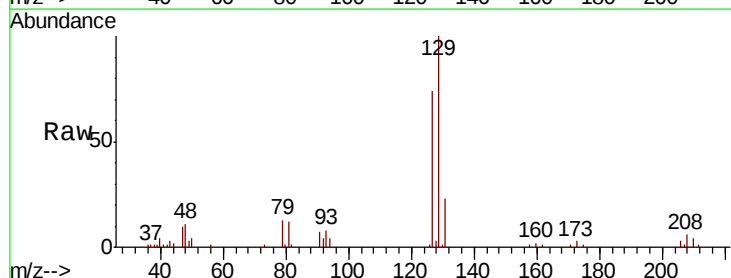
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

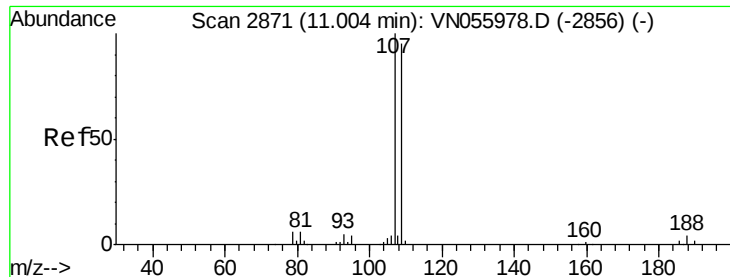
Tot Ion: 43 Resp: 245209
Ion Ratio Lower Upper
43 100
58 56.3 28.2 84.7



#60
Dibromochloromethane
Concen: 21.548 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 129 Resp: 57215
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3

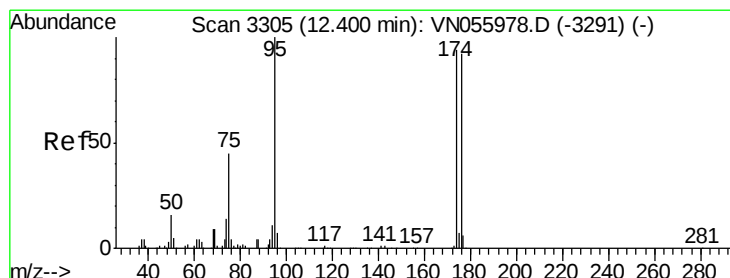
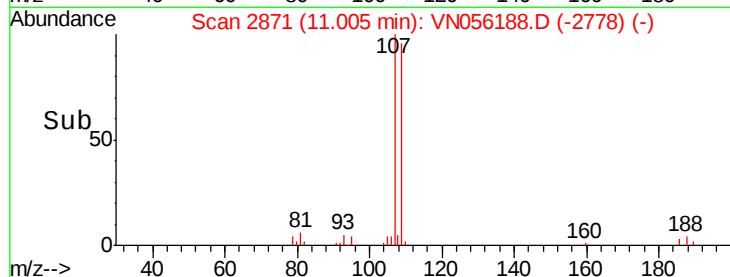
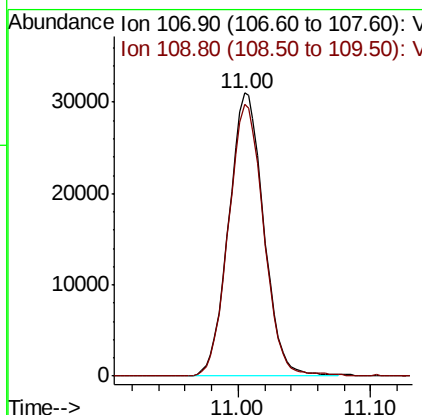
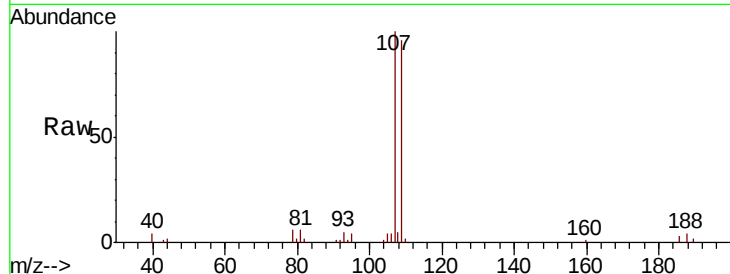




#61
 1,2-Dibromoethane
 Concen: 21.485 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

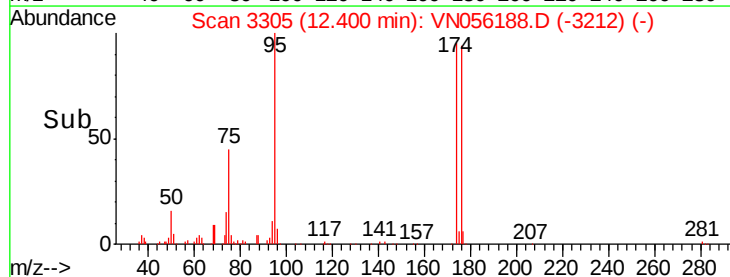
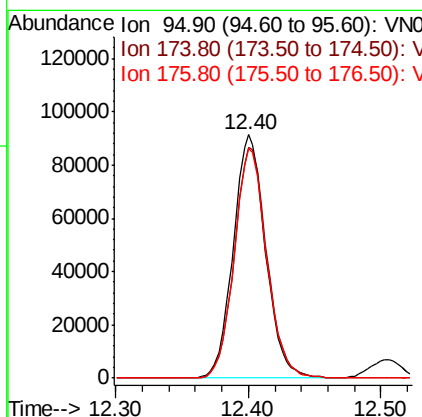
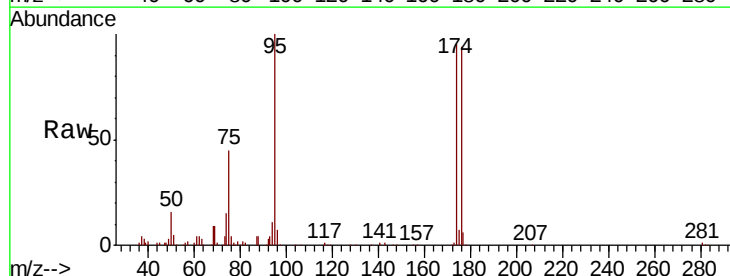
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

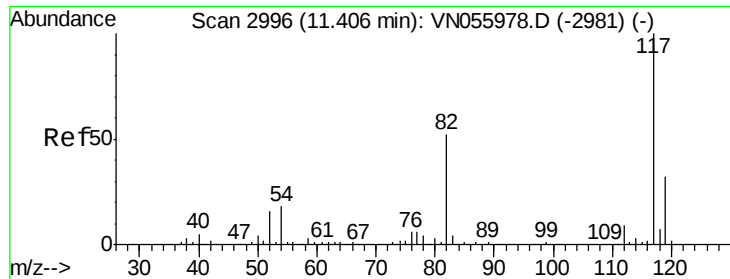
Tot Ion:107 Resp: 56742
 Ion Ratio Lower Upper
 107 100
 109 96.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.861 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion: 95 Resp: 154211
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 191.0
 176 94.5 0.0 185.2

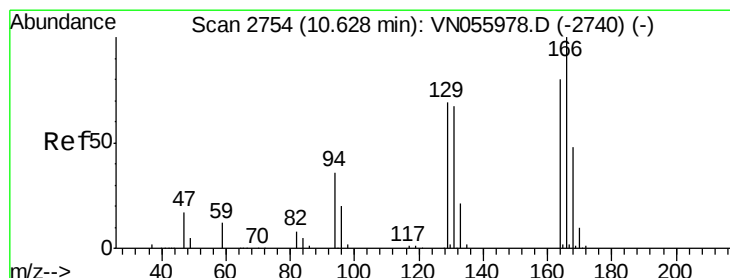
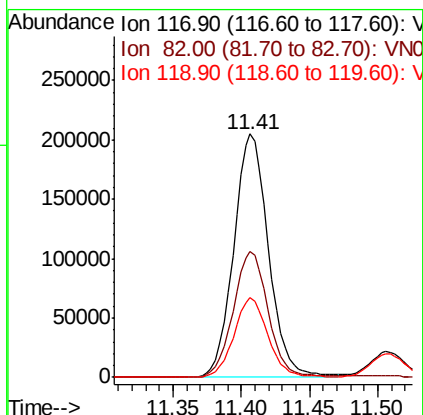
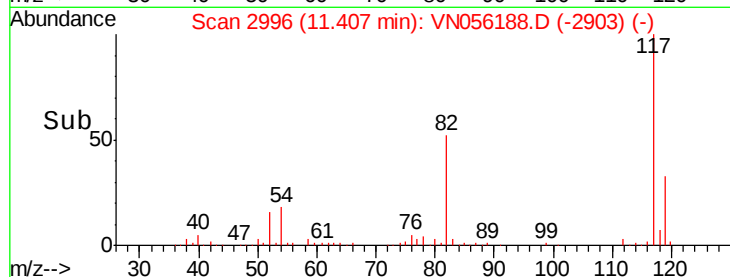
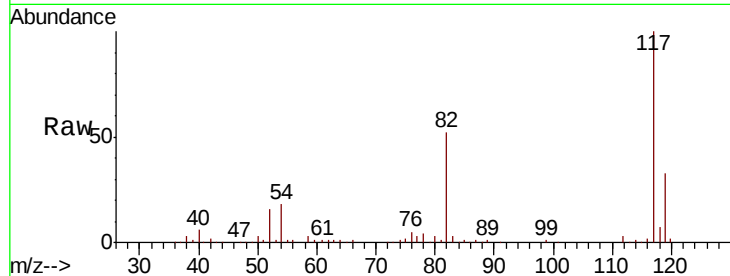




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

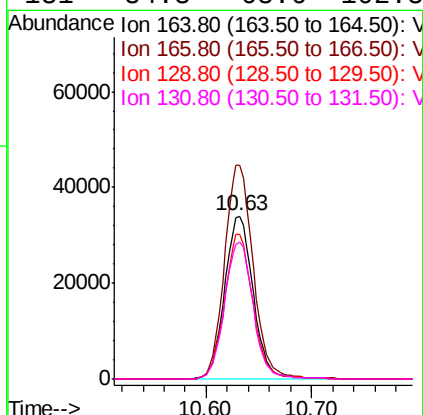
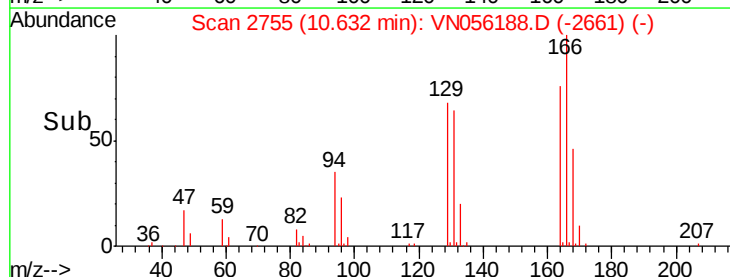
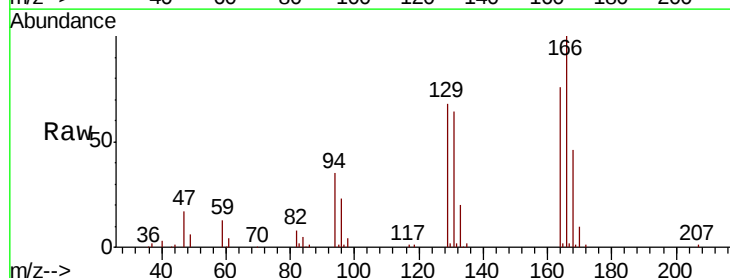
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion:117 Resp: 362123
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 20.279 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion:164 Resp: 63567
Ion Ratio Lower Upper
164 100
166 131.1 103.0 154.6
129 88.6 70.6 105.8
131 84.3 68.6 102.8

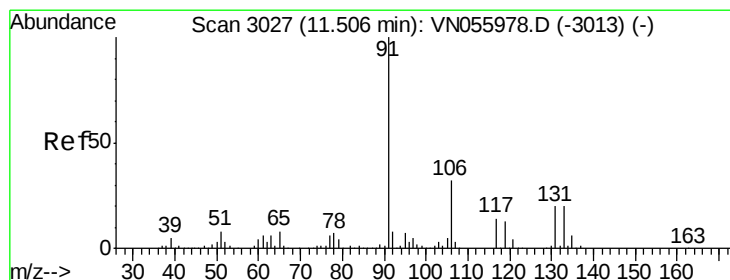
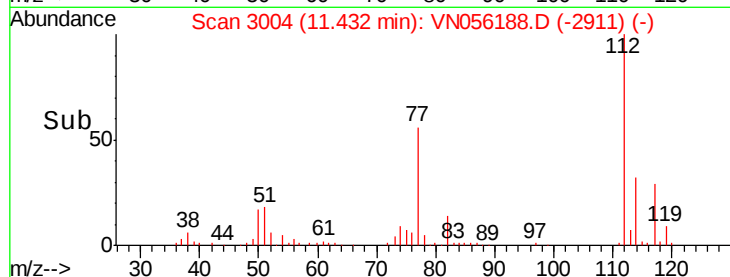
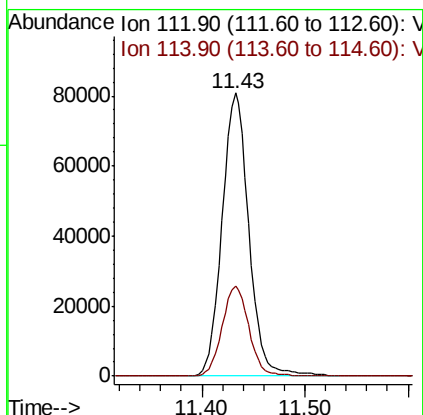
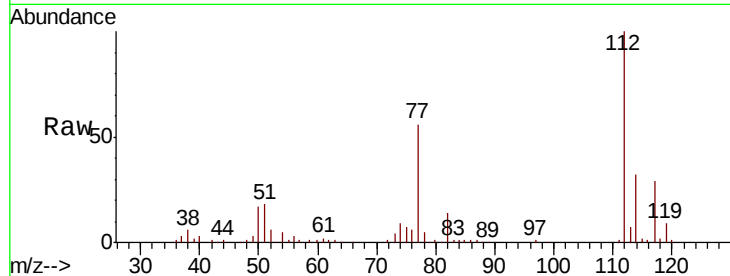




#65
Chlorobenzene
Concen: 20.289 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

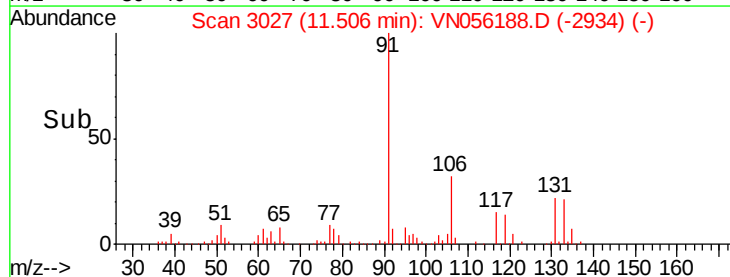
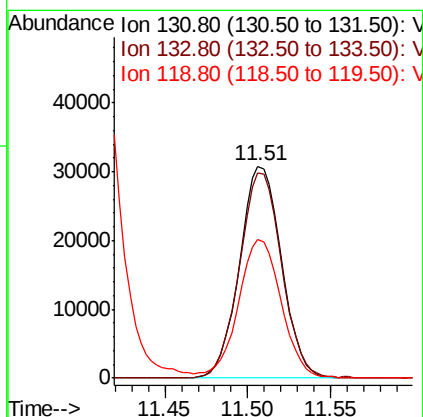
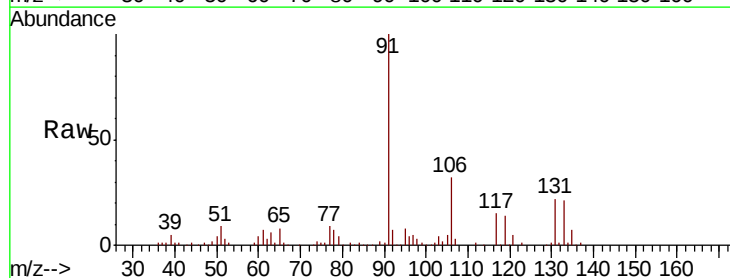
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

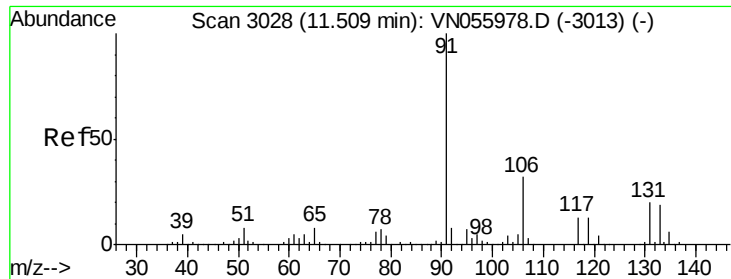
Tot Ion:112 Resp: 146221
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.762 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion:131 Resp: 54154
Ion Ratio Lower Upper
131 100
133 97.5 48.0 144.0
119 67.0 33.1 99.5

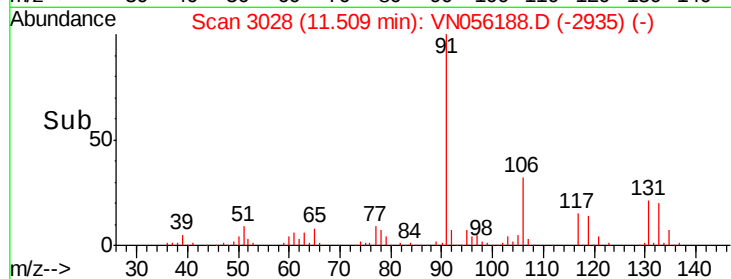
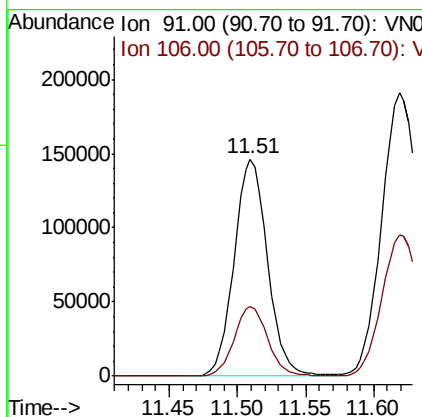
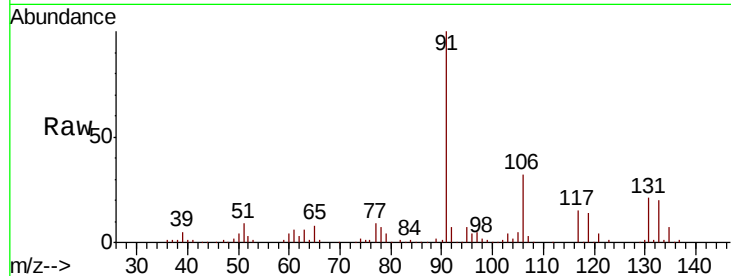




#67
Ethyl Benzene
Concen: 19.872 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

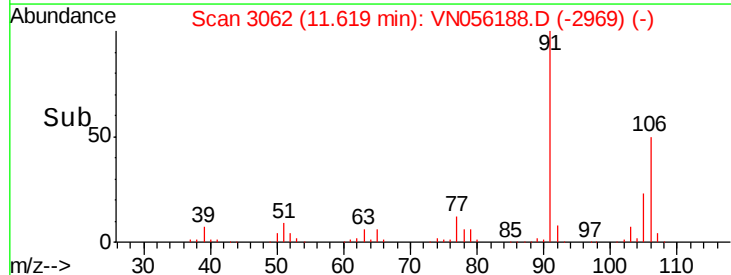
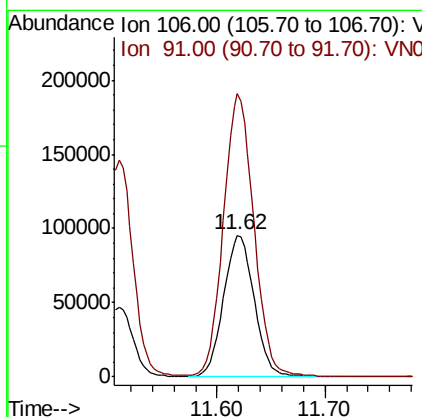
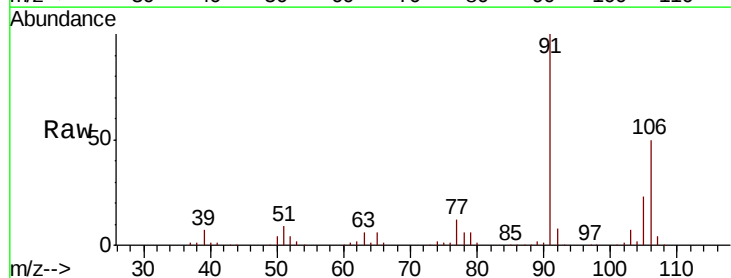
Instrument :
MSVOA_N
ClientSampled :
VN0610WBS02

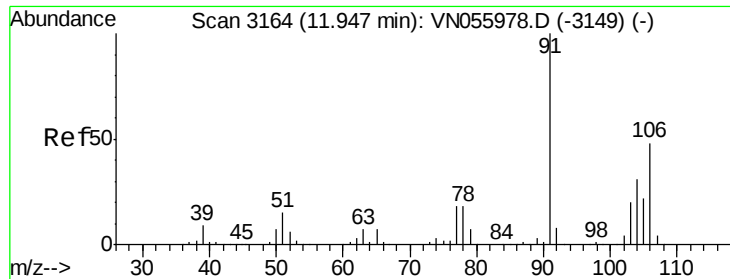
Tot Ion: 91 Resp: 249028
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 39.538 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 106 Resp: 189280
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

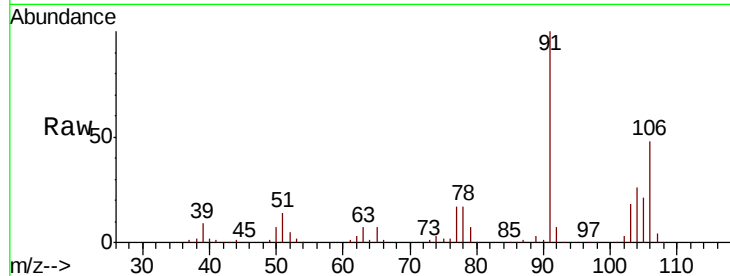




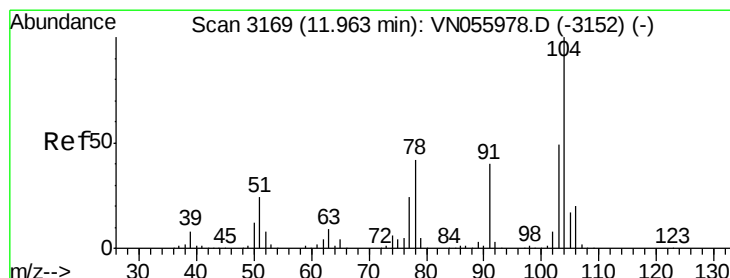
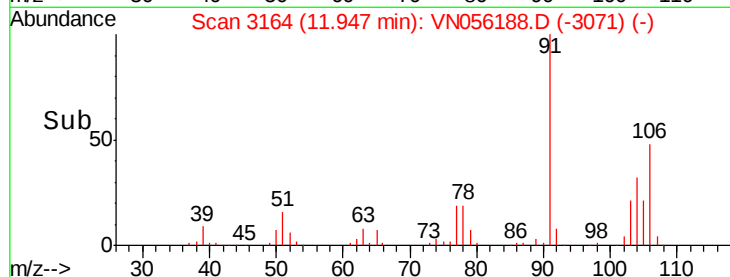
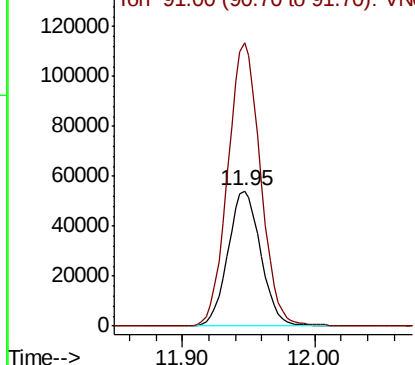
#69
o-Xylene
Concen: 19.788 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion:106 Resp: 93184
Ion Ratio Lower Upper
106 100
91 208.9 104.7 314.1

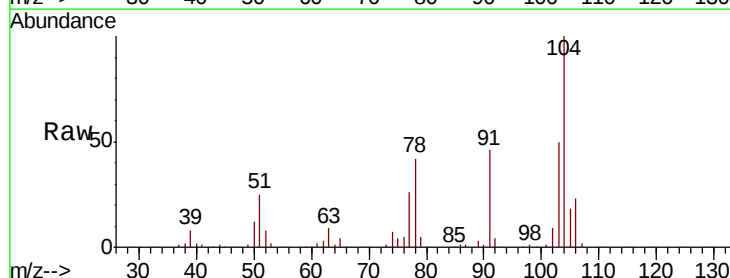


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

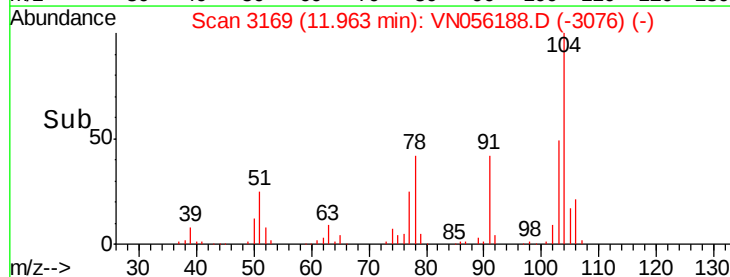
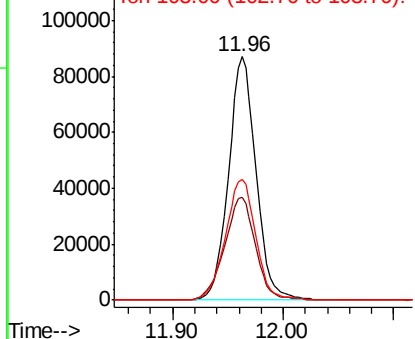


#70
Styrene
Concen: 20.049 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion:104 Resp: 150005
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.6
103 54.9 44.2 66.2



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

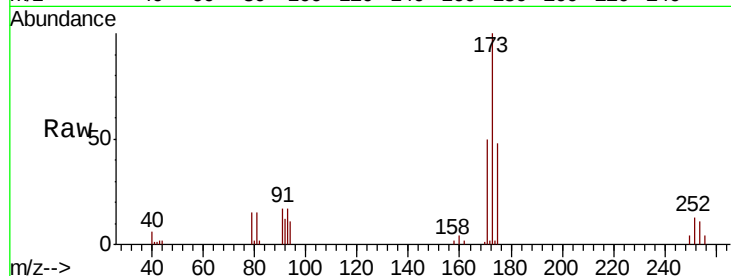




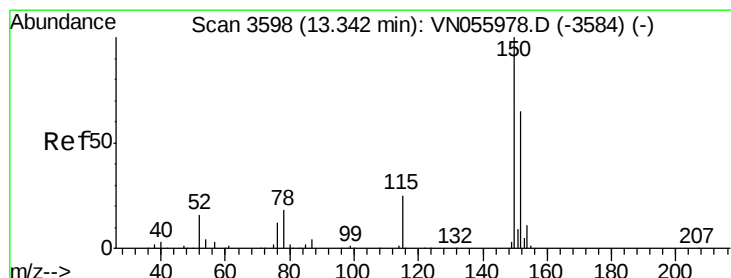
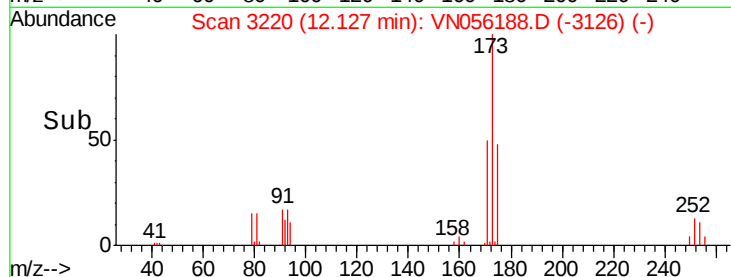
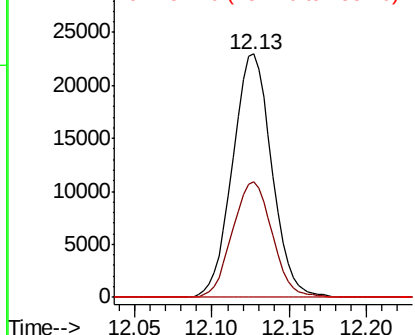
#71
Bromoform
Concen: 21.055 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS02

Tot Ion:173 Resp: 40479
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0

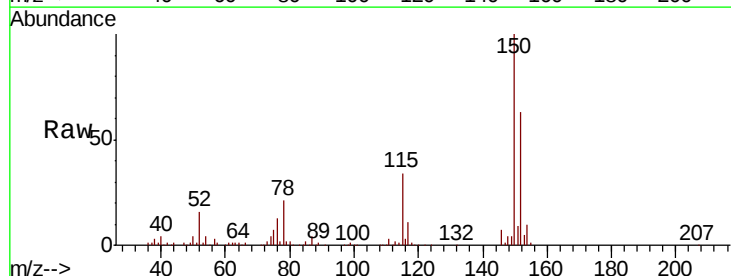


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

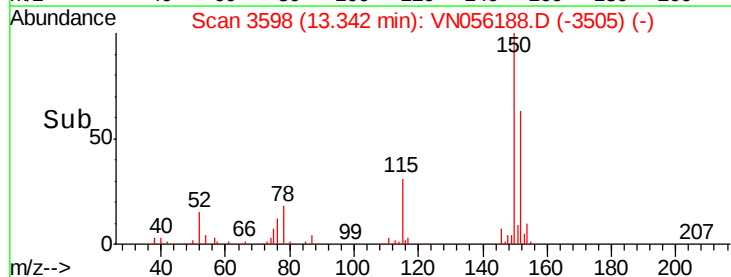
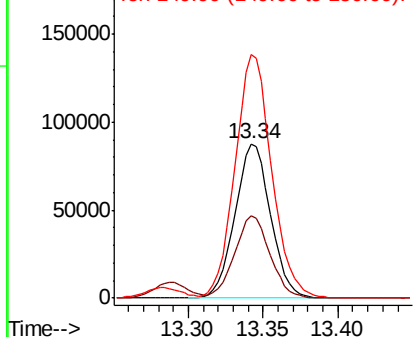


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion:152 Resp: 144592
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 163.3 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: 22.847 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

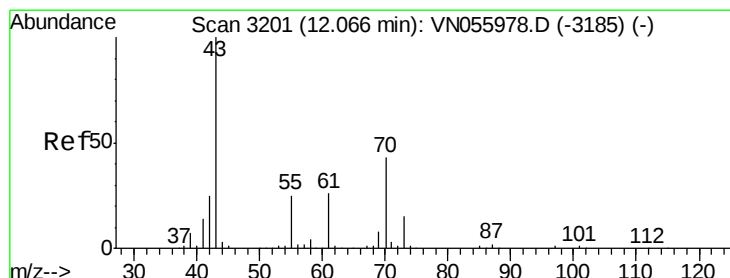
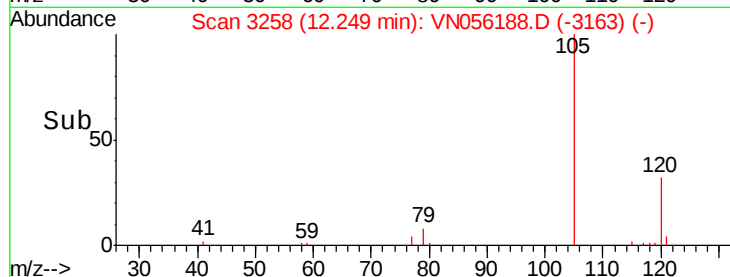
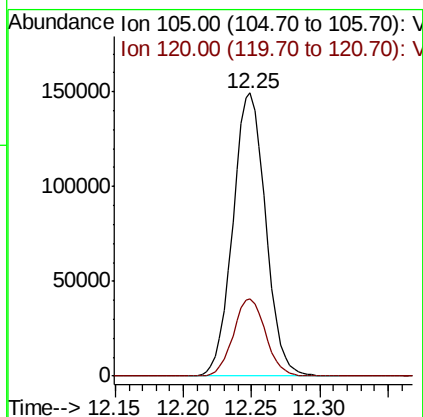
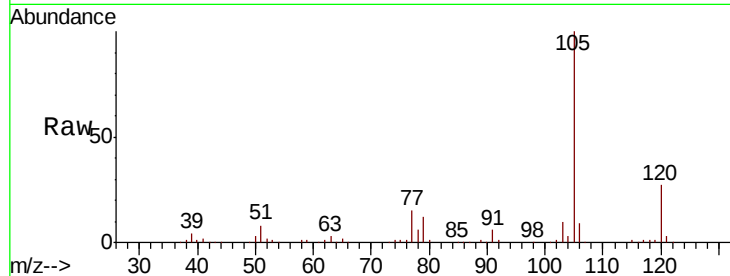
VN0610WBS02

Tot Ion:105 Resp: 249016

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 21.670 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Tgt Ion: 43 Resp: 83525

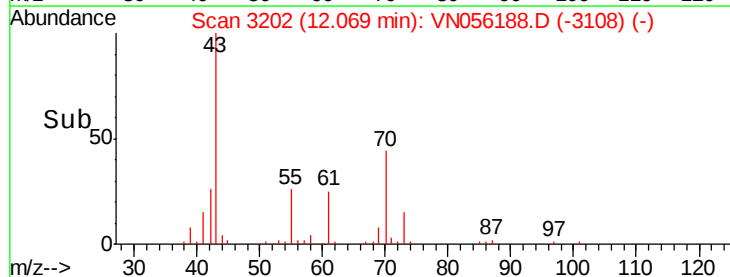
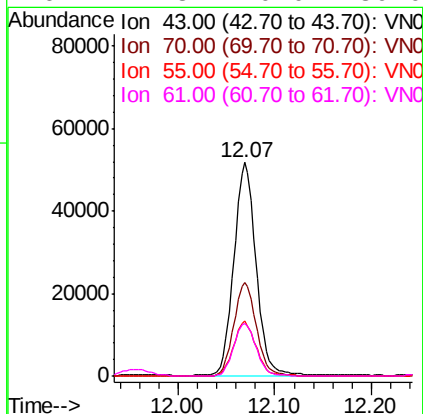
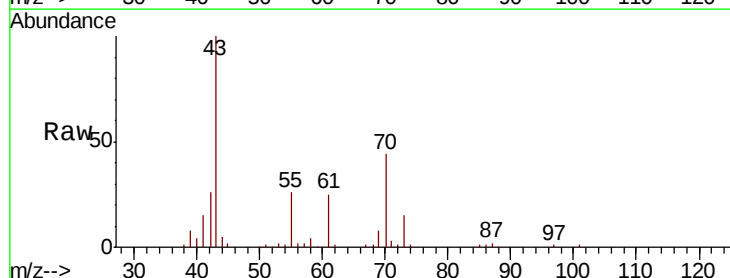
Ion Ratio Lower Upper

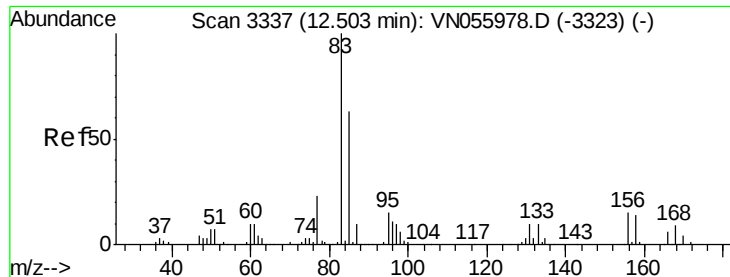
43 100

70 43.7 34.0 51.0

55 25.6 18.6 28.0

61 24.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.252 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

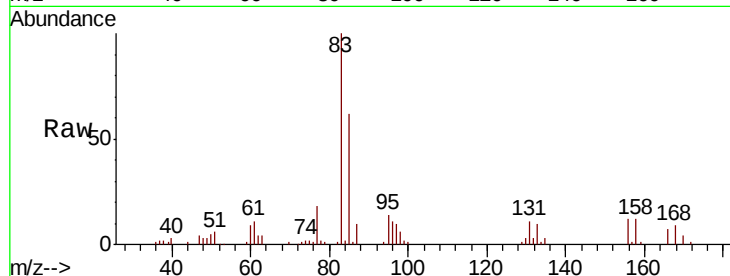
Tot Ion: 83 Resp: 78049

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

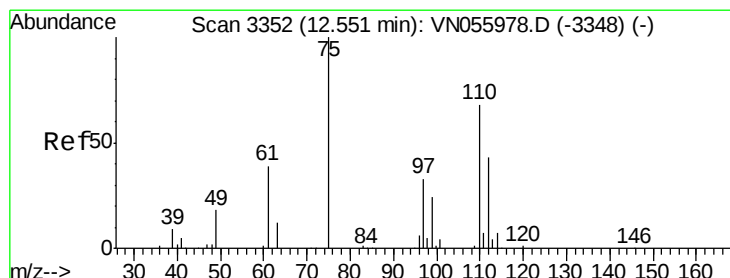
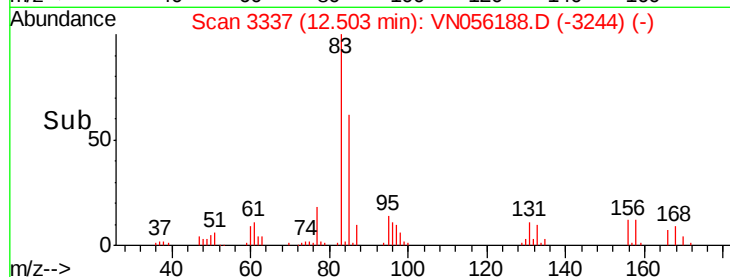
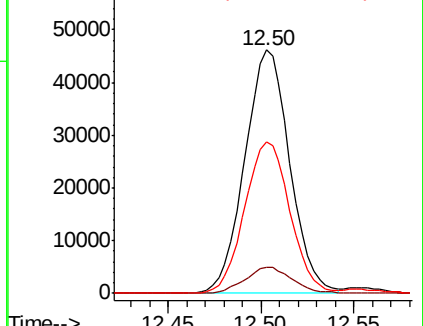
85 62.7 32.4 97.0



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: 32.126 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056188.D

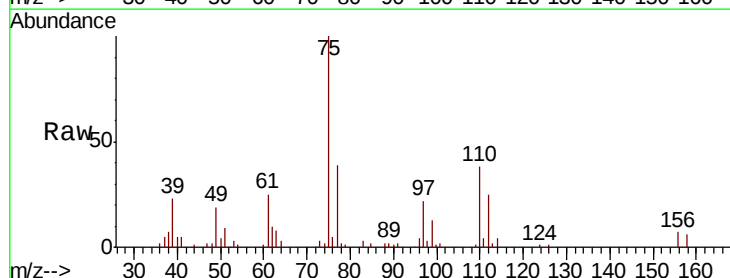
Acq: 11 Jun 2019 00:09

Tgt Ion: 75 Resp: 85473

Ion Ratio Lower Upper

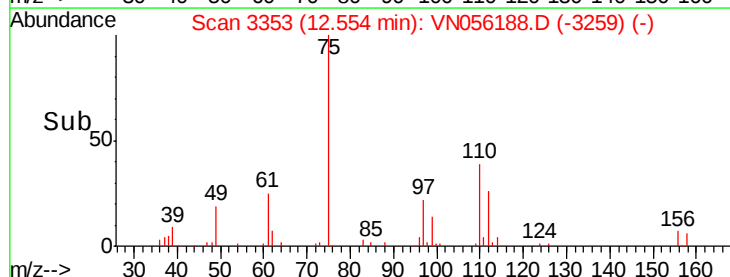
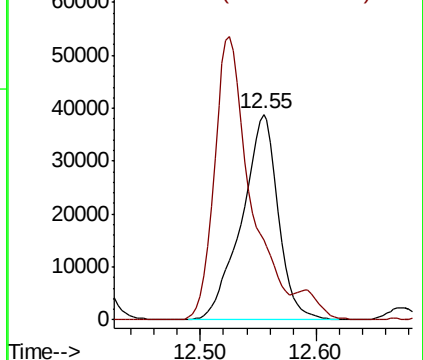
75 100

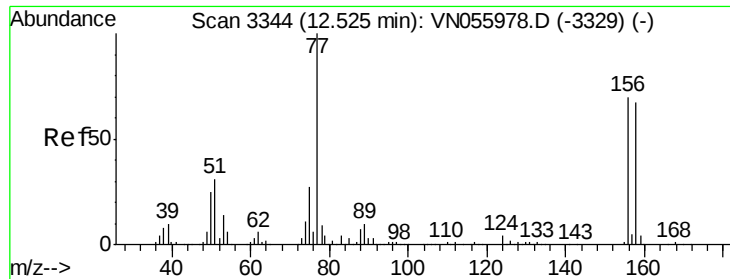
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.551 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

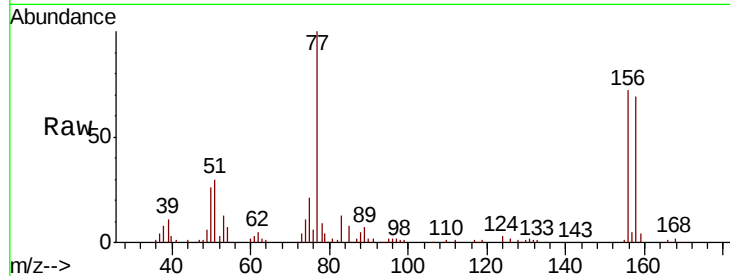
Tot Ion:156 Resp: 66714

Ion Ratio Lower Upper

156 100

77 172.2 90.8 272.5

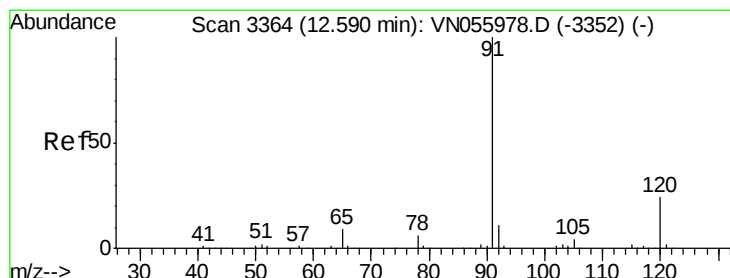
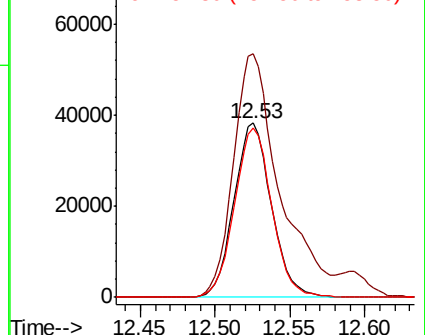
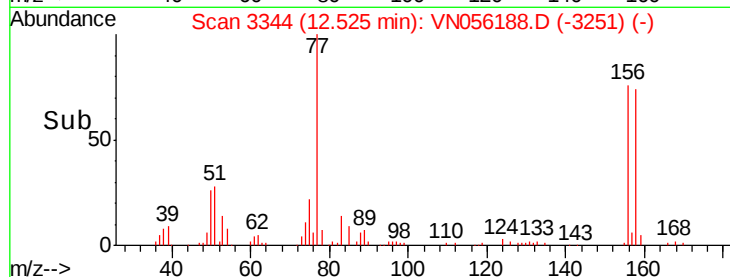
158 96.8 49.3 147.8



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: 20.525 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056188.D

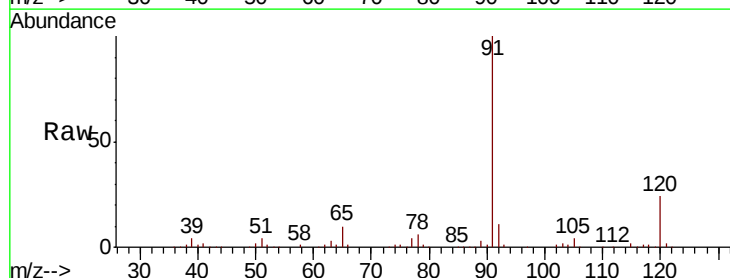
Acq: 11 Jun 2019 00:09

Tgt Ion: 91 Resp: 251070

Ion Ratio Lower Upper

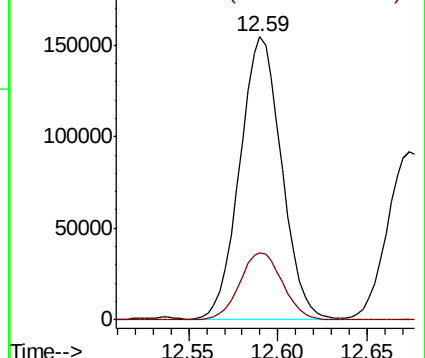
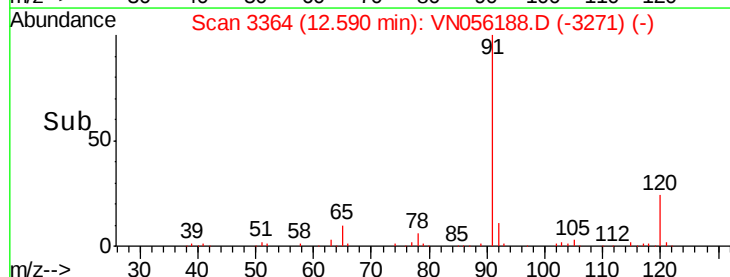
91 100

120 24.5 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: 22.314 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampled :

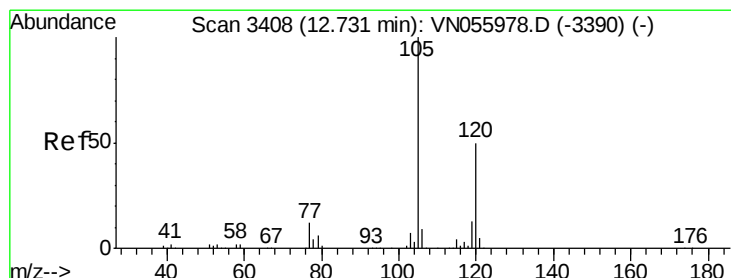
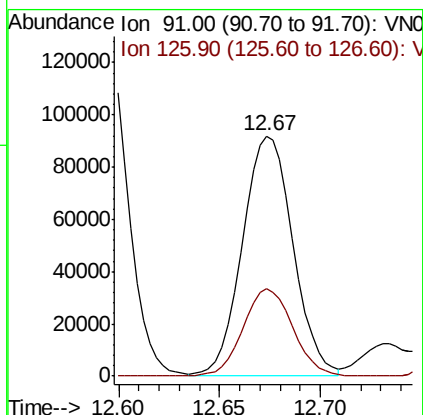
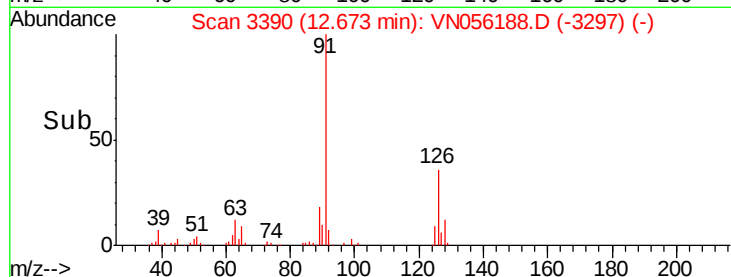
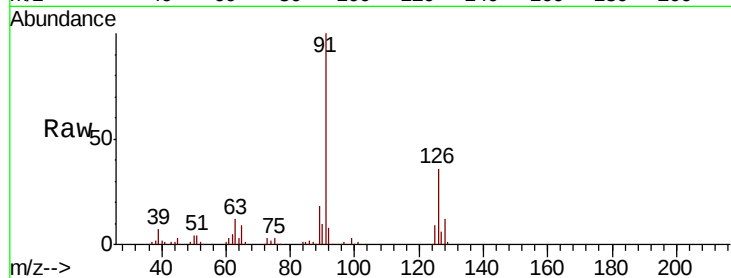
VN0610WBS02

Tot Ion: 91 Resp: 160124

Ion Ratio Lower Upper

91 100

126 36.1 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 20.629 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056188.D

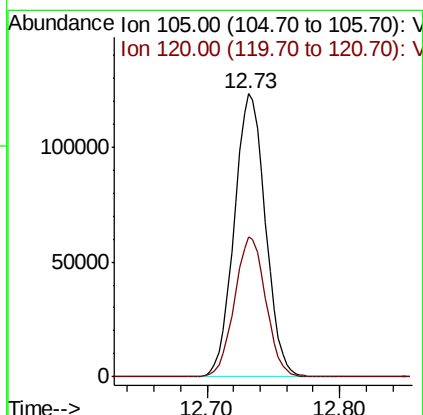
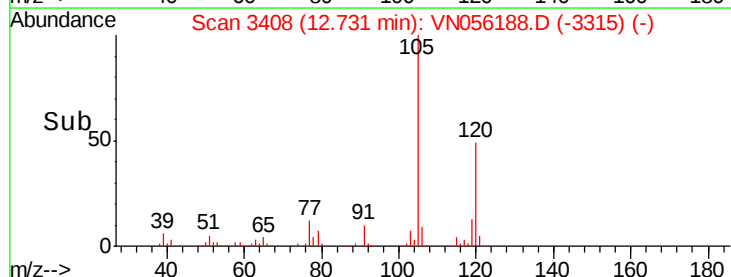
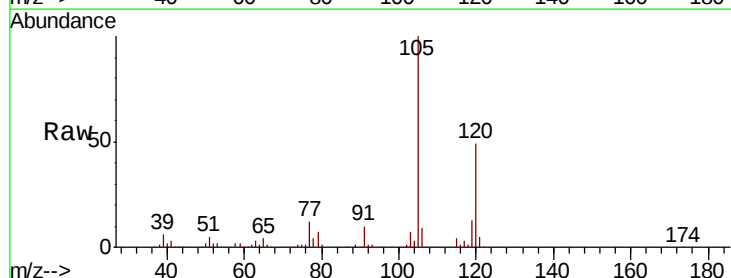
Acq: 11 Jun 2019 00:09

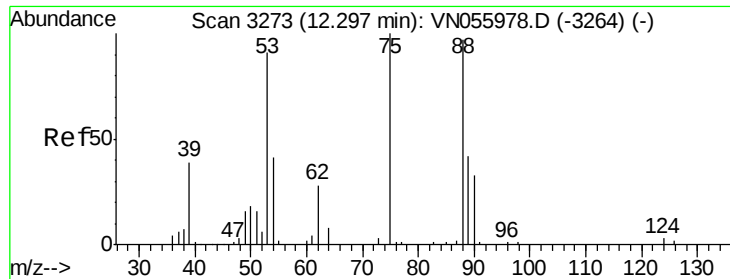
Tgt Ion: 105 Resp: 200548

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.361 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

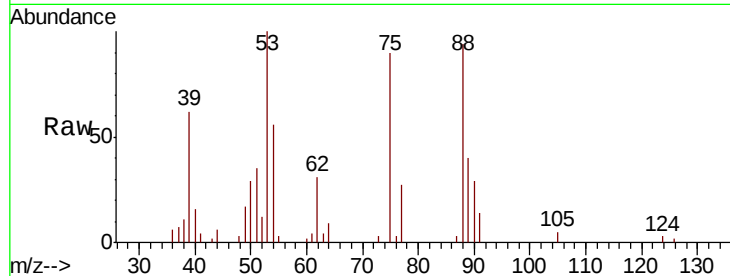
Tot Ion: 75 Resp: 14669

Ion Ratio Lower Upper

75 100

53 110.8 68.1 102.1#

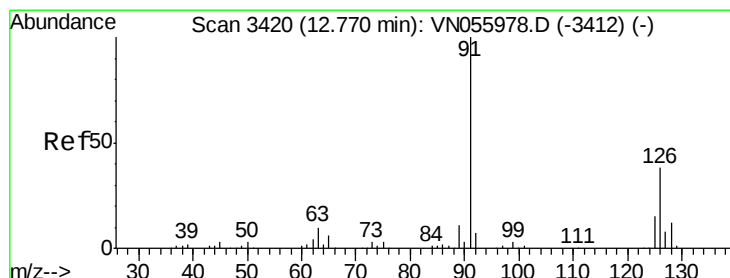
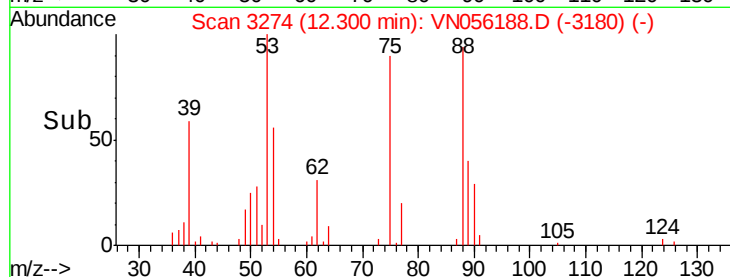
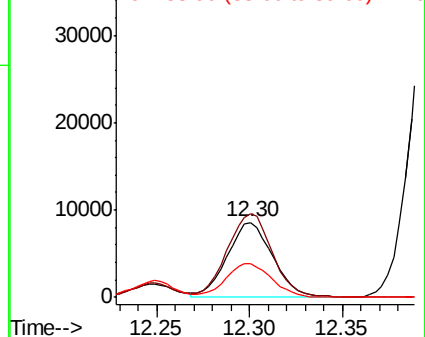
89 45.5 36.9 55.3



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: 20.392 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056188.D

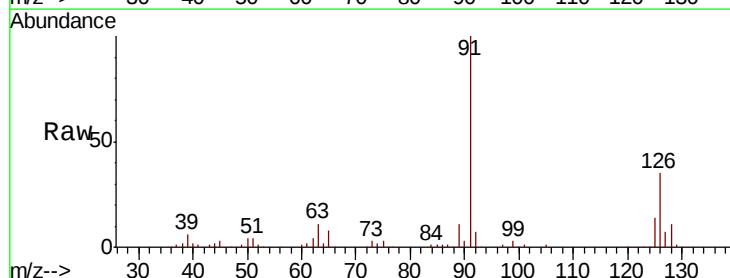
Acq: 11 Jun 2019 00:09

Tgt Ion: 91 Resp: 145934

Ion Ratio Lower Upper

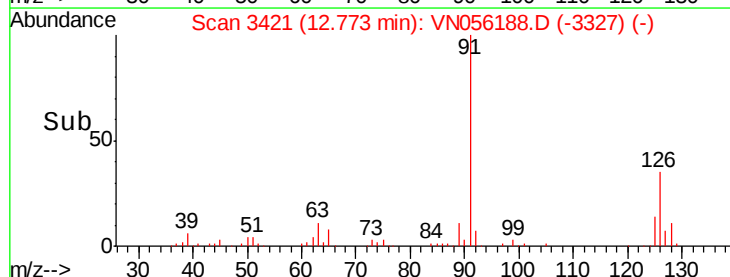
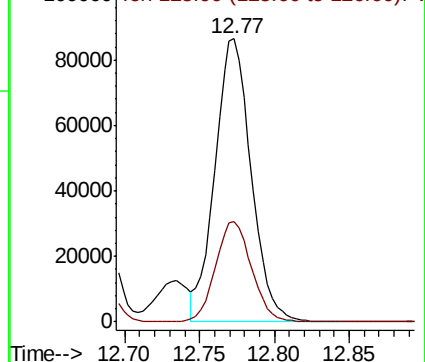
91 100

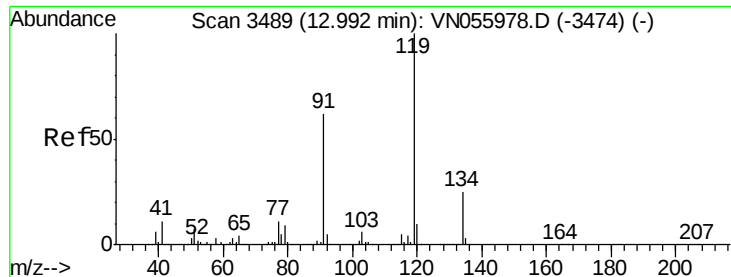
126 35.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

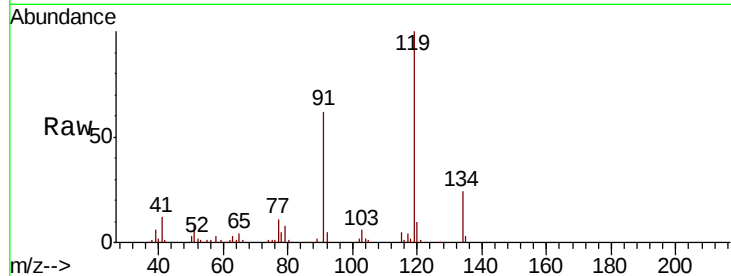




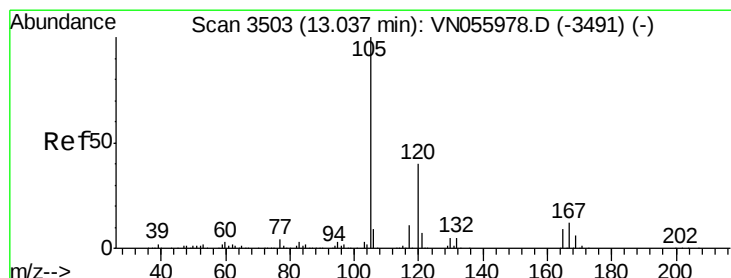
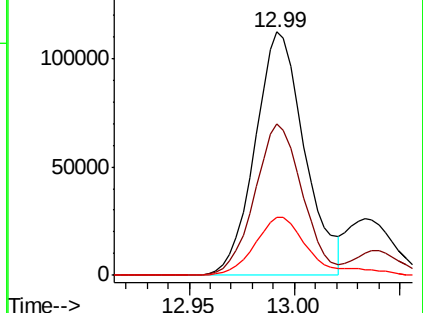
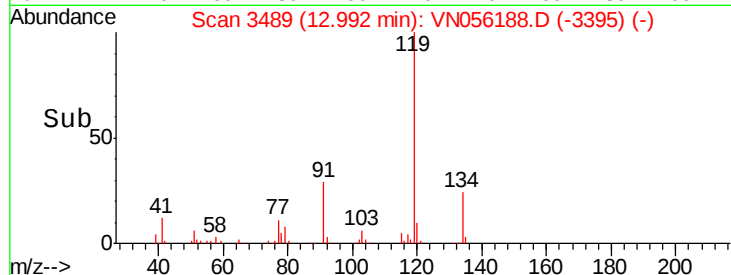
#83
 tert-Butylbenzene
 Concen: 22.841 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBS02

Tot Ion:119 Resp: 183471
 Ion Ratio Lower Upper
 119 100
 91 60.0 30.9 92.8
 134 26.2 13.3 39.8

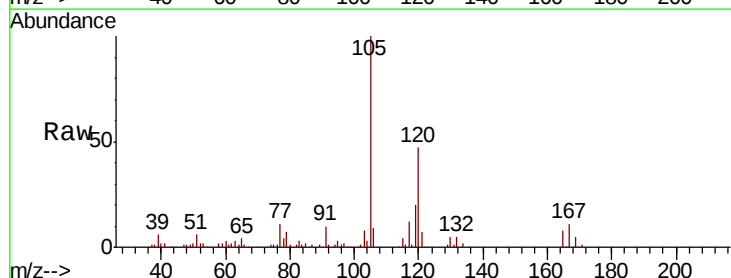


Abundance Ion 119.00 (118.70 to 119.70): V
 150000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

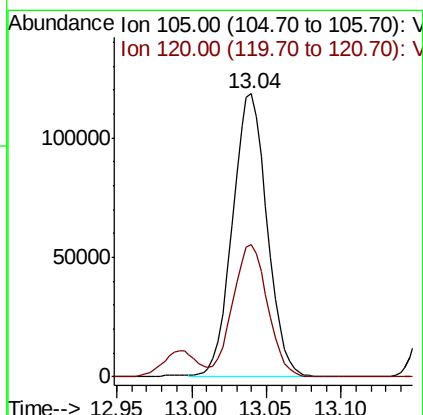
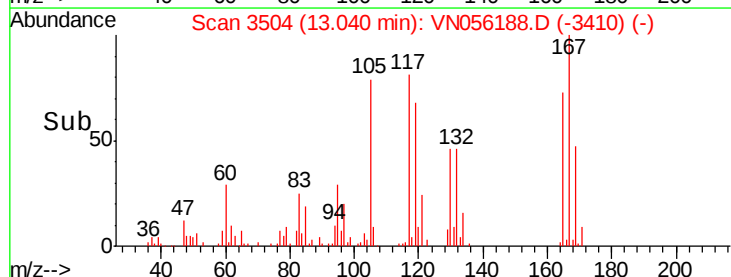


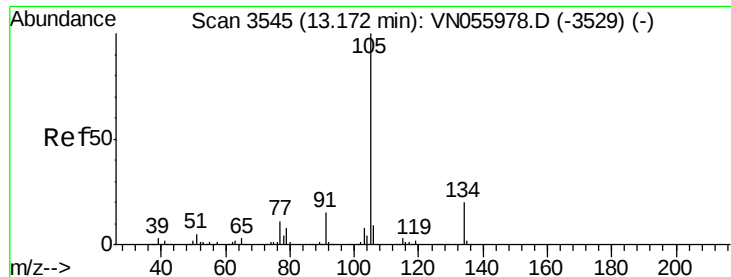
#84
 1,2,4-Trimethylbenzene
 Concen: 20.702 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:105 Resp: 190855
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 100000 Ion 120.00 (119.70 to 120.70): V

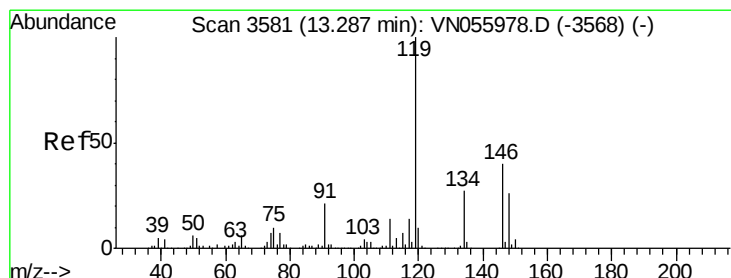
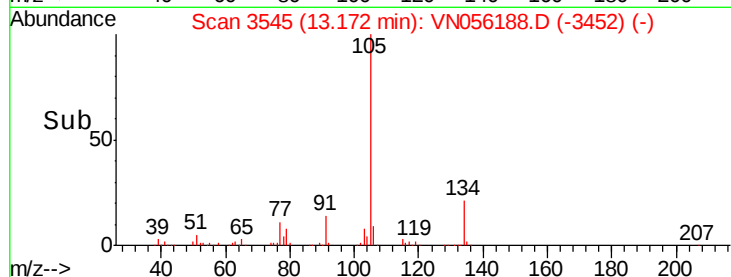
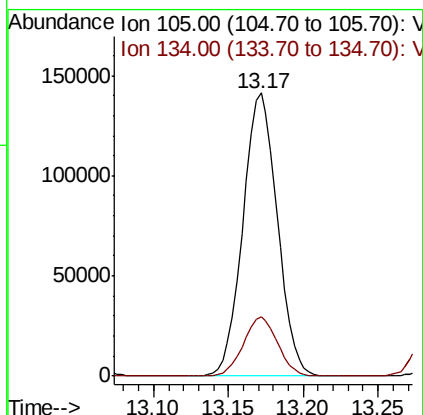
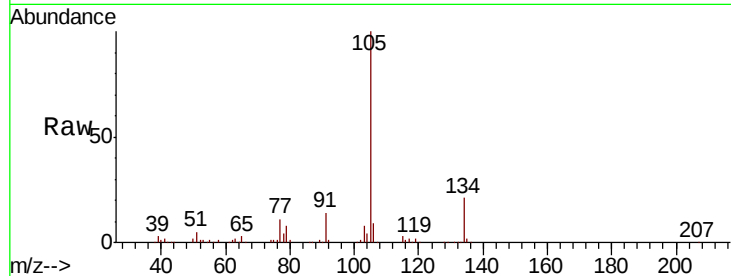




#85
 sec-Butylbenzene
 Concen: 20.916 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

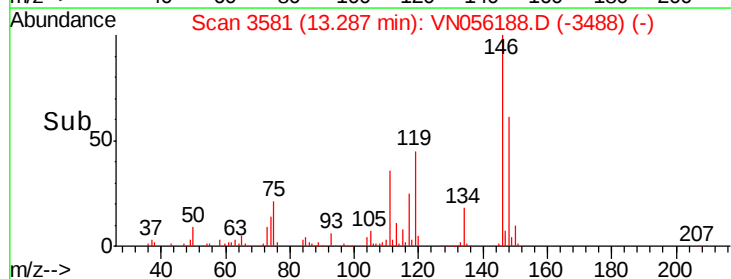
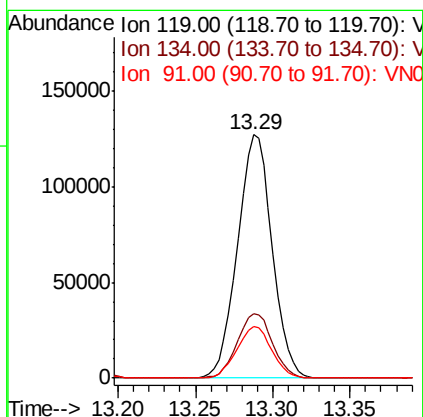
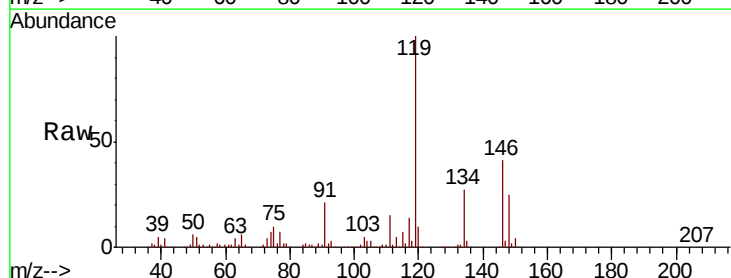
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

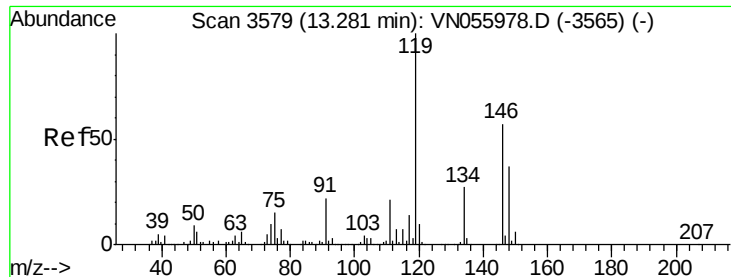
Tot Ion:105 Resp: 226585
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.375 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:119 Resp: 197535
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 21.5 10.9 32.9

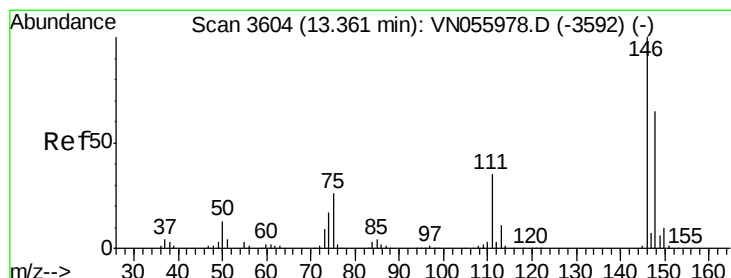
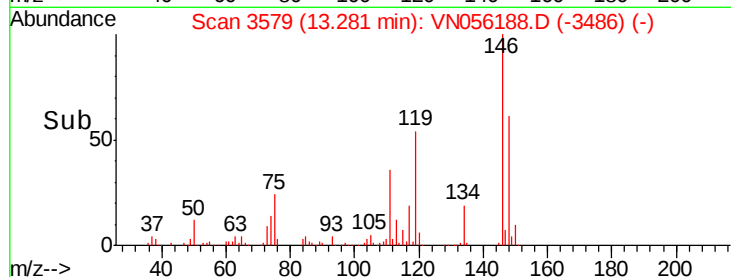
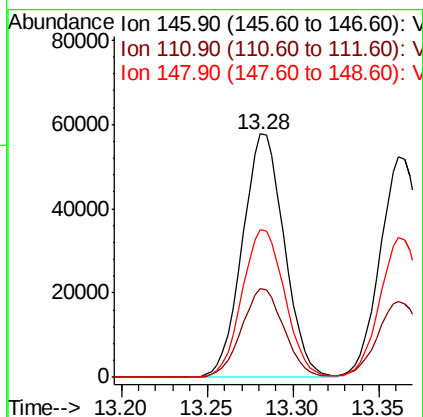
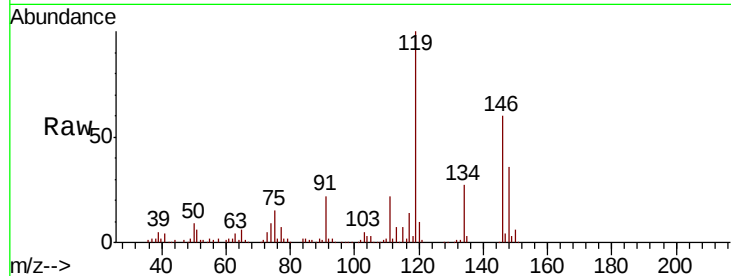




#87
 1,3-Dichlorobenzene
 Concen: 20.472 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

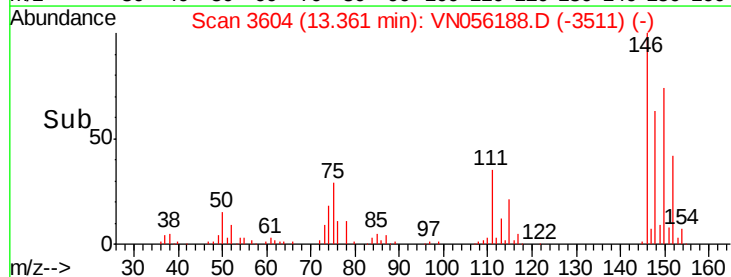
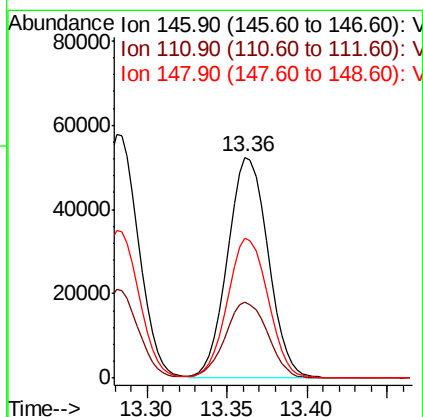
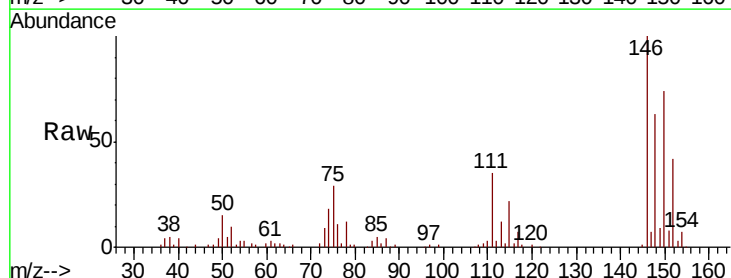
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

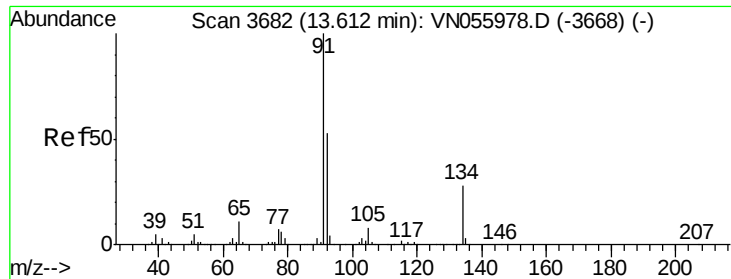
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.5	55.5
148	61.9	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.674 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.4
148	63.7	32.1	96.5

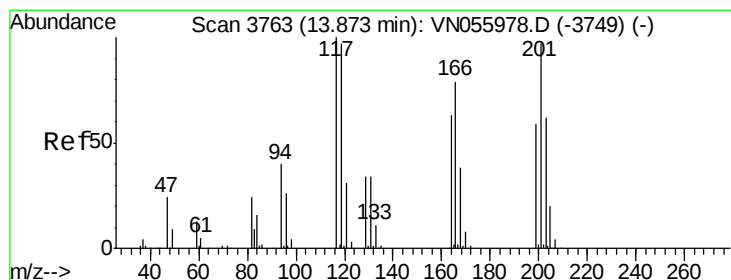
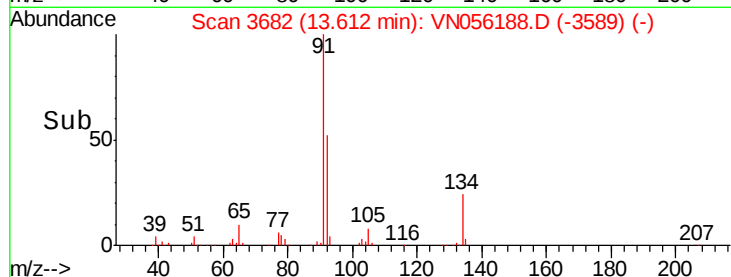
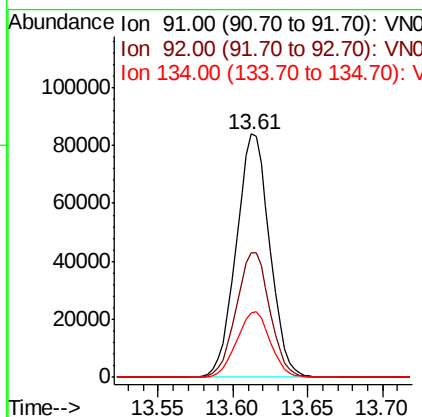
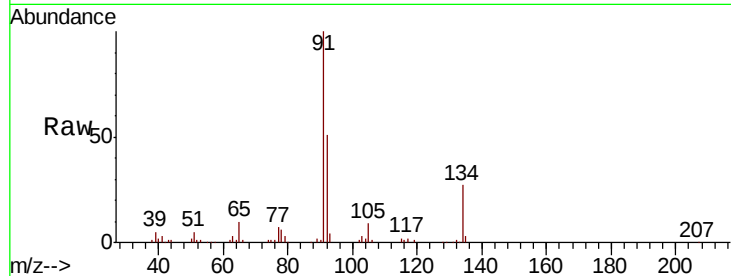




#89
n-Butylbenzene
Concen: 18.190 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

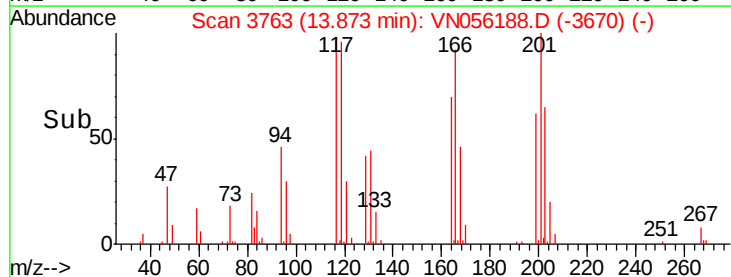
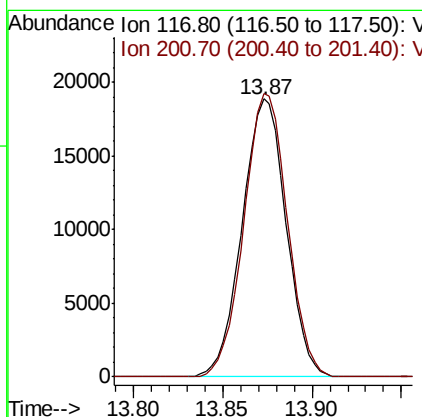
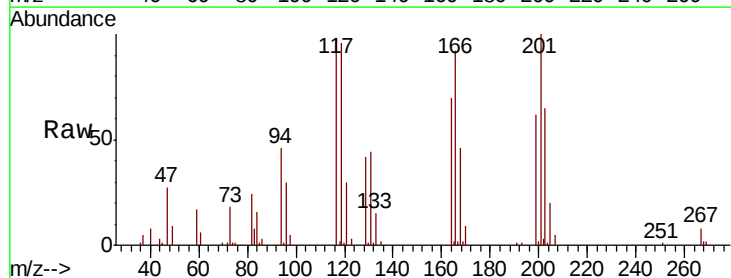
Instrument :
MSVOA_N
ClientSampled :
VN0610WBS02

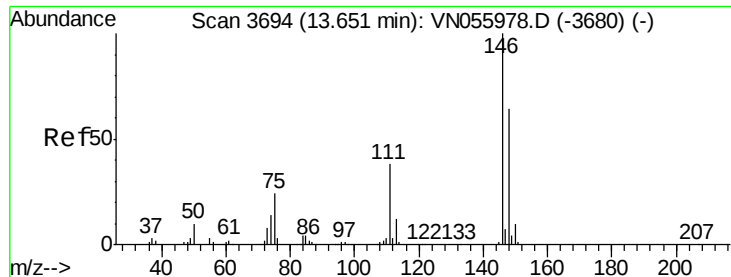
Tot Ion: 91 Resp: 130643
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 27.1 13.9 41.7



#90
Hexachloroethane
Concen: 22.204 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056188.D
Acq: 11 Jun 2019 00:09

Tgt Ion: 117 Resp: 32465
Ion Ratio Lower Upper
117 100
201 100.8 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 20.542 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

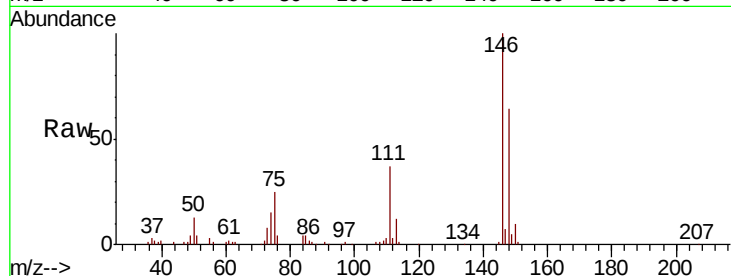
Tot Ion:146 Resp: 99368

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

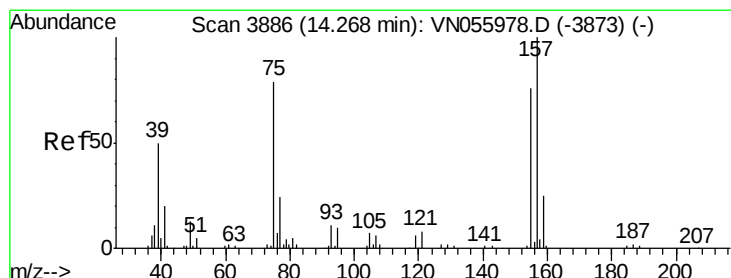
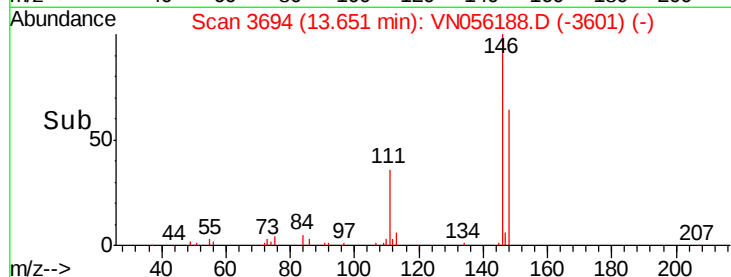
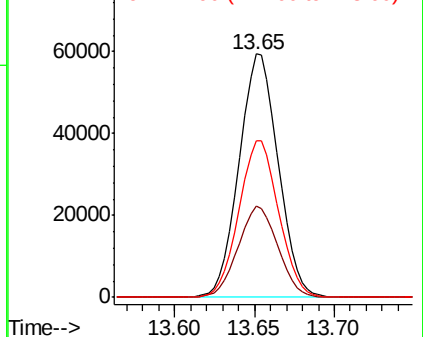
148 65.1 31.9 95.9



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: 23.520 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

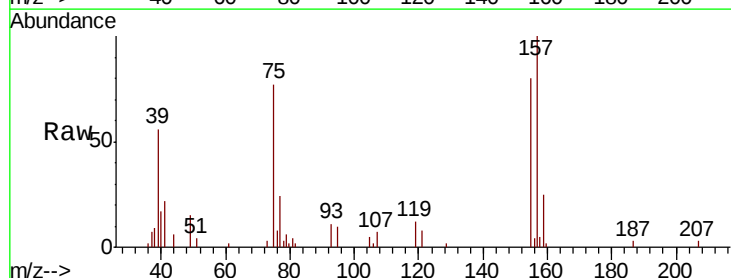
Tgt Ion: 75 Resp: 11292

Ion Ratio Lower Upper

75 100

155 105.3 50.0 150.1

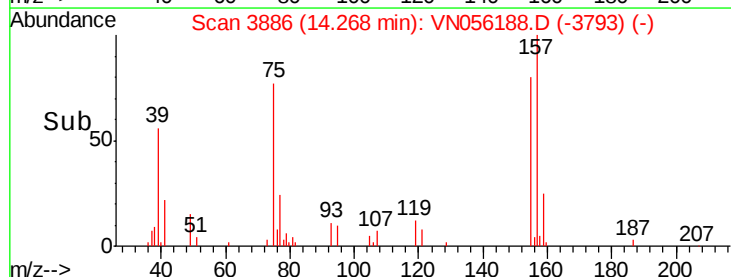
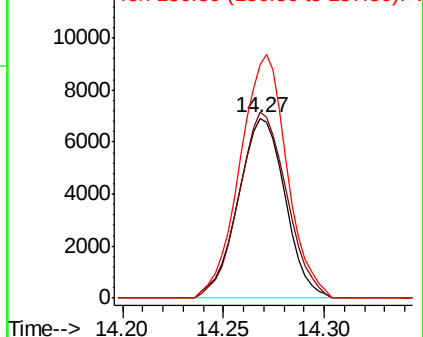
157 135.3 64.8 194.3



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

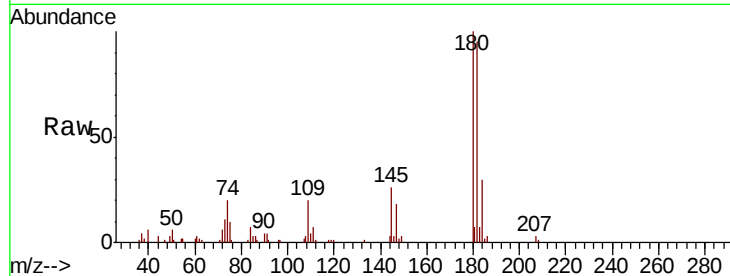




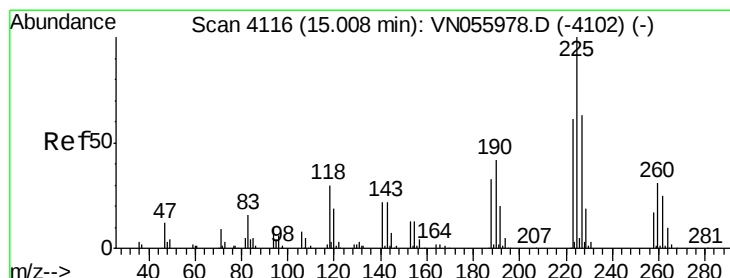
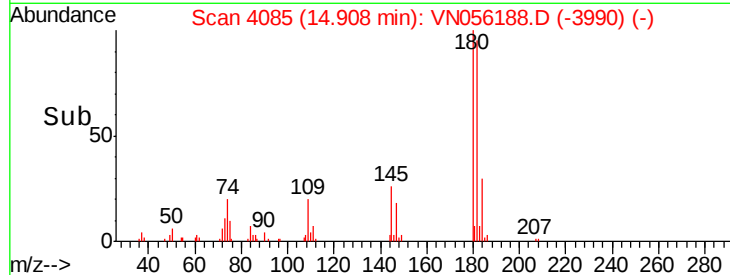
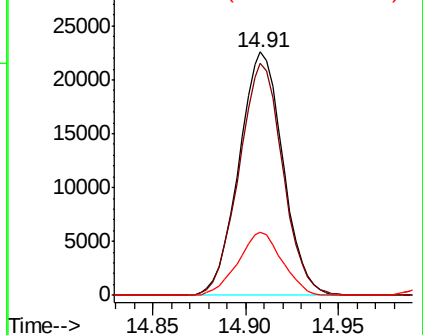
#93
 1,2,4-Trichlorobenzene
 Concen: 17.066 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS02

Tot Ion:180 Resp: 37294
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.3 144.9
 145 25.8 14.0 41.9

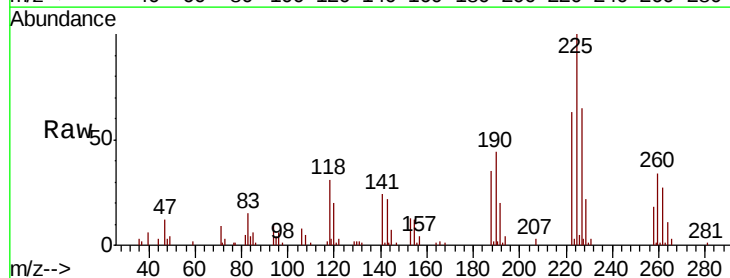


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

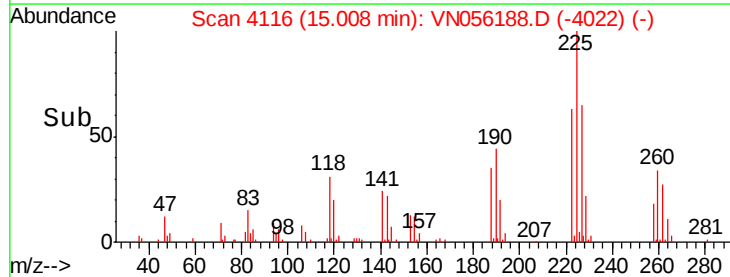
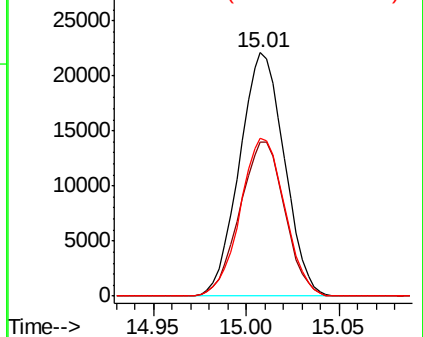


#94
 Hexachlorobutadiene
 Concen: 21.140 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056188.D
 Acq: 11 Jun 2019 00:09

Tgt Ion:225 Resp: 37070
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.9 92.7
 227 64.2 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.369 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBS02

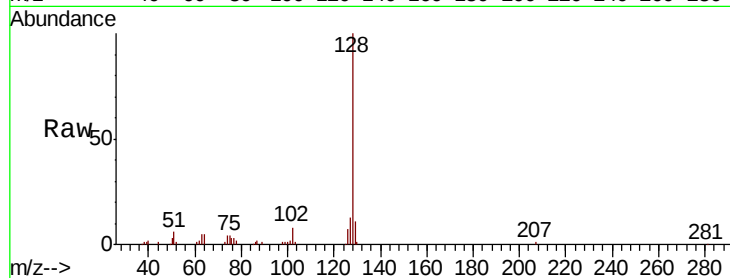
Tot Ion:128 Resp: 101291

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.7 13.1

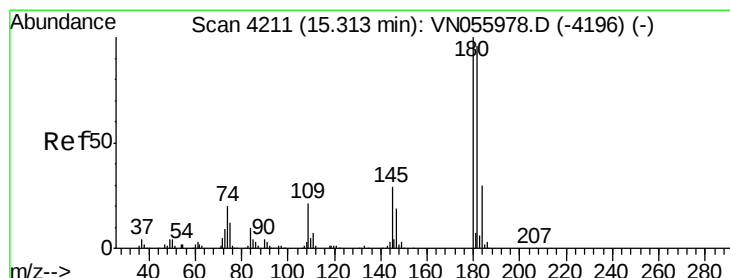
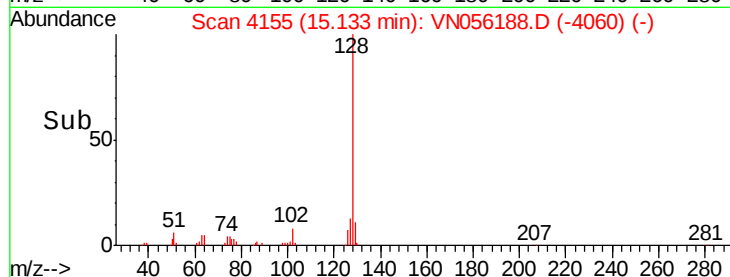
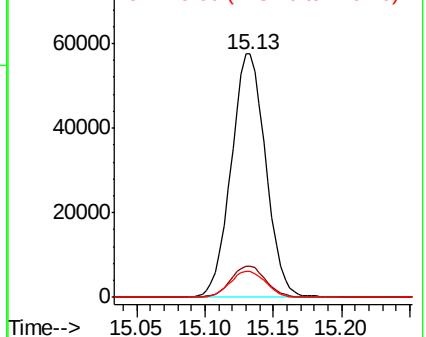


Abundance

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: 18.612 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056188.D

Acq: 11 Jun 2019 00:09

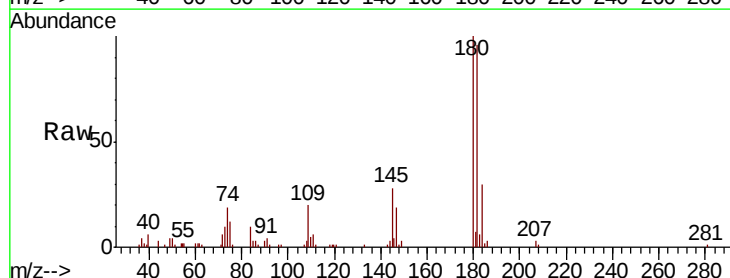
Tgt Ion:180 Resp: 45059

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 28.7 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

