

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056618.D
 Acq On : 8 Jul 2019 18:38
 Operator : JC/SP
 Sample : VN0708WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Quant Time: Jul 09 03:47:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	294202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	410609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	158491	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	138345	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.09	98	512688	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
62) 4-Bromofluorobenzene	12.40	95	170564	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	41422	16.628	ug/l	100
3) Chloromethane	2.06	50	56037	16.520	ug/l	96
4) Vinyl Chloride	2.18	62	56581	17.271	ug/l	99
5) Bromomethane	2.53	94	32127	16.727	ug/l	96
6) Chloroethane	2.68	64	32689	17.230	ug/l	100
7) Trichlorofluoromethane	3.00	101	77040	18.179	ug/l	98
8) Diethyl Ether	3.41	74	33430	18.639	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	48916	18.100	ug/l	99
10) Methyl Iodide	3.95	142	54659	14.964	ug/l	99
11) Tert butyl alcohol	4.79	59	54852	99.880	ug/l	100
12) 1,1-Dichloroethene	3.73	96	45981	17.692	ug/l	98
13) Acrolein	3.60	56	23721	51.249	ug/l	95
14) Allyl chloride	4.32	41	81572	18.855	ug/l	99
15) Acrylonitrile	4.99	53	156332	102.897	ug/l	98
16) Acetone	3.82	43	124472	76.193	ug/l	99
17) Carbon Disulfide	4.05	76	87401	14.786	ug/l	98
18) Methyl Acetate	4.33	43	73933	22.632	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	167430	19.469	ug/l	100
20) Methylene Chloride	4.55	84	58231	18.345	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	49883	17.802	ug/l	100
22) Diisopropyl ether	5.95	45	183293	20.174	ug/l	96
23) Vinyl Acetate	5.90	43	727212	101.478	ug/l	99
24) 1,1-Dichloroethane	5.85	63	101068	19.378	ug/l	99
25) 2-Butanone	6.84	43	206262	95.397	ug/l	99
26) 2,2-Dichloropropane	6.82	77	64337	17.736	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	63188	19.275	ug/l	98
28) Bromochloromethane	7.20	49	48713	18.883	ug/l	99
29) Tetrahydrofuran	7.22	42	142322	107.715	ug/l	97
30) Chloroform	7.37	83	101209	19.666	ug/l	98
31) Cyclohexane	7.65	56	86532	17.186	ug/l	# 96
32) 1,1,1-Trichloroethane	7.57	97	78436	19.228	ug/l	98
36) 1,1-Dichloropropene	7.79	75	69274	16.901	ug/l	99
37) Ethyl Acetate	6.93	43	83575	20.748	ug/l	98
38) Carbon Tetrachloride	7.77	117	63912	17.831	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
 Data File : VN056618.D
 Acq On : 8 Jul 2019 18:38
 Operator : JC/SP
 Sample : VN0708WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Quant Time: Jul 09 03:47:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	79215	15.663	ug/l	97
40) Benzene	8.04	78	225109	17.855	ug/l	99
41) Methacrylonitrile	7.21	41	122417	68.824	ug/l #	12
42) 1,2-Dichloroethane	8.12	62	76313	18.341	ug/l	100
43) Isopropyl Acetate	8.17	43	136153	21.921	ug/l #	89
44) Trichloroethene	8.84	130	58988	17.368	ug/l	99
45) 1,2-Dichloropropane	9.12	63	63133	18.724	ug/l	100
46) Dibromomethane	9.21	93	39291	18.625	ug/l	99
47) Bromodichloromethane	9.40	83	72285	19.320	ug/l	100
48) Methyl methacrylate	9.20	41	61184	19.657	ug/l	98
49) 1,4-Dioxane	9.20	88	26093	403.965	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	421779	105.210	ug/l	99
52) Toluene	10.16	92	137865	17.885	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	74617	19.024	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	87420	19.403	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59313	19.143	ug/l	99
56) Ethyl methacrylate	10.43	69	89502	19.766	ug/l	99
57) 1,3-Dichloropropane	10.71	76	99269	19.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	220789	135.727	ug/l	100
59) 2-Hexanone	10.75	43	298225	101.216	ug/l	100
60) Dibromochloromethane	10.90	129	55718	19.044	ug/l	100
61) 1,2-Dibromoethane	11.00	107	60058	18.979	ug/l	99
64) Tetrachloroethene	10.63	164	55381	17.031	ug/l	99
65) Chlorobenzene	11.43	112	148437	17.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	54887	19.683	ug/l	99
67) Ethyl Benzene	11.51	91	257016	17.741	ug/l	100
68) m/p-Xylenes	11.62	106	191833	36.133	ug/l	98
69) o-Xylene	11.95	106	95792	18.237	ug/l	99
70) Styrene	11.96	104	157377	18.745	ug/l	99
71) Bromoform	12.13	173	40099	19.847	ug/l #	97
73) Isopropylbenzene	12.25	105	250893	17.071	ug/l	100
74) N-amyl acetate	12.07	43	99431	17.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	88010	19.471	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	101600	27.638	ug/l #	100
77) Bromobenzene	12.53	156	65716	16.577	ug/l	96
78) n-propylbenzene	12.59	91	273815	16.865	ug/l	99
79) 2-Chlorotoluene	12.67	91	170901	17.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	208899	17.242	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20766	20.077	ug/l	98
82) 4-Chlorotoluene	12.77	91	161561	16.854	ug/l	99
83) tert-Butylbenzene	12.99	119	182772	16.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	211739	17.741	ug/l	98
85) sec-Butylbenzene	13.17	105	235908	16.532	ug/l	100
86) p-Isopropyltoluene	13.29	119	212528	17.354	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105368	17.539	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	101725	17.484	ug/l	99
89) n-Butylbenzene	13.61	91	164369	17.729	ug/l	99
90) Hexachloroethane	13.87	117	31752	16.630	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	111469	18.701	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14361	21.892	ug/l	99

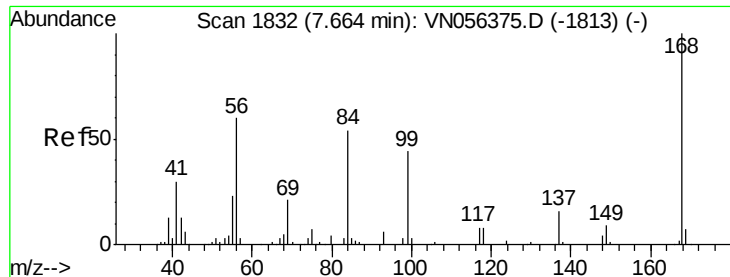
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070819\
Data File : VN056618.D
Acq On : 8 Jul 2019 18:38
Operator : JC/SP
Sample : VN0708WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Quant Time: Jul 09 03:47:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50123	19.949	ug/l	98
94) Hexachlorobutadiene	15.01	225	36212	16.676	ug/l	99
95) Naphthalene	15.13	128	143027	21.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56447	20.459	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

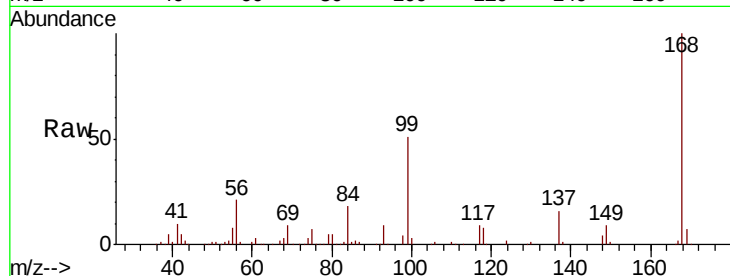
VN0708WBSD01

Tot Ion:168 Resp: 294202

Ion Ratio Lower Upper

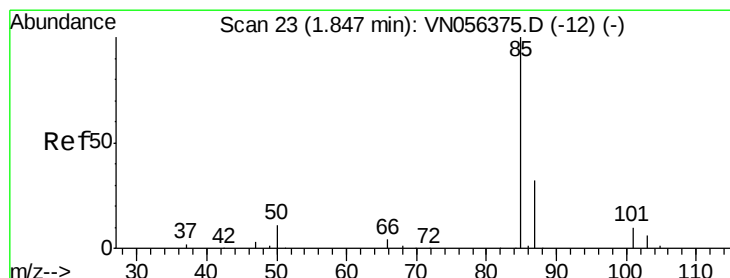
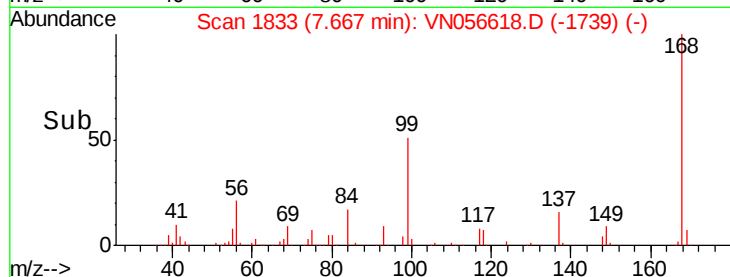
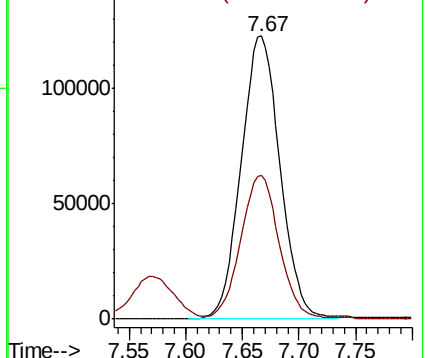
168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.628 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056618.D

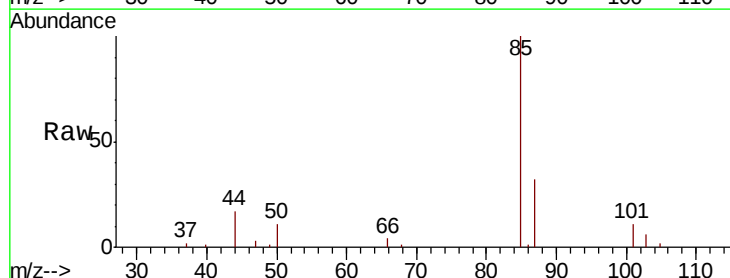
Acq: 8 Jul 2019 18:38

Tgt Ion: 85 Resp: 41422

Ion Ratio Lower Upper

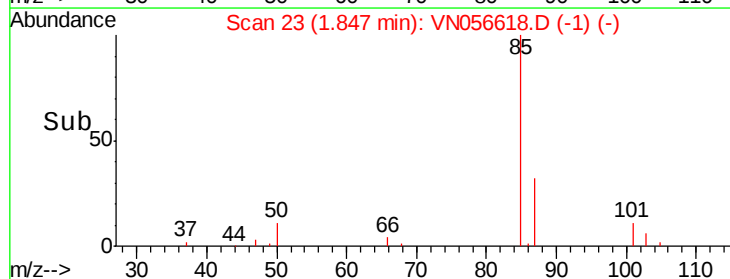
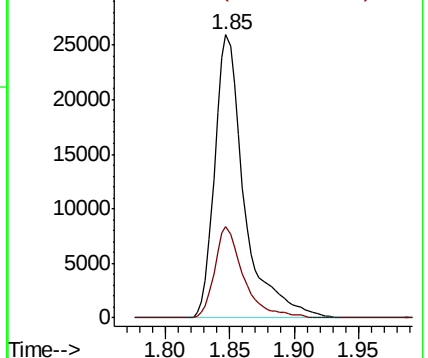
85 100

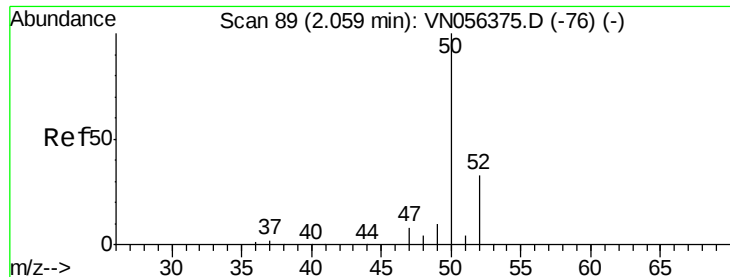
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.520 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

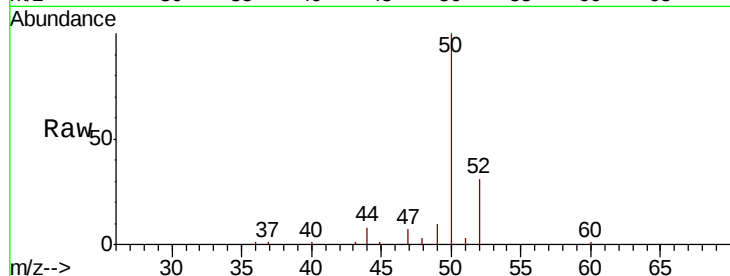
VN0708WBSD01

Tot Ion: 50 Resp: 56037

Ion Ratio Lower Upper

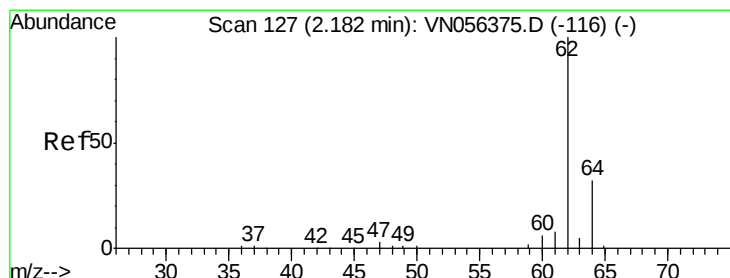
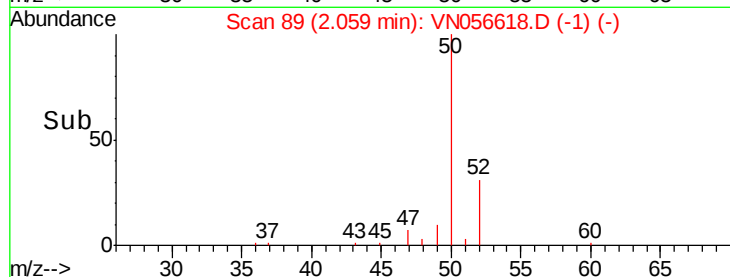
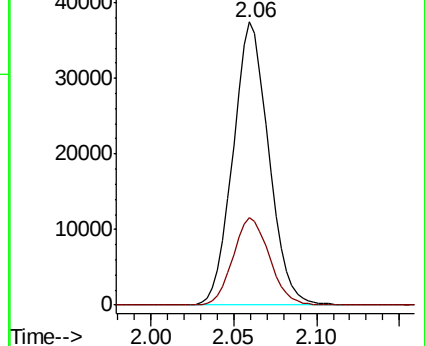
50 100

52 30.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.271 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056618.D

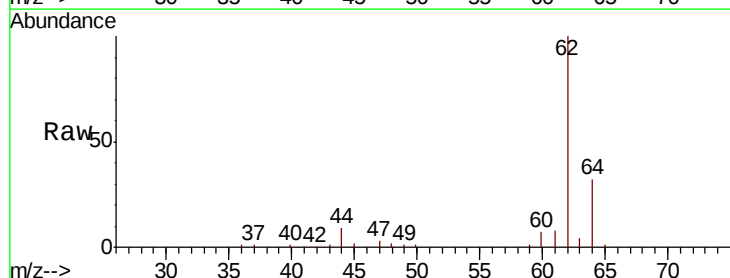
Acq: 8 Jul 2019 18:38

Tgt Ion: 62 Resp: 56581

Ion Ratio Lower Upper

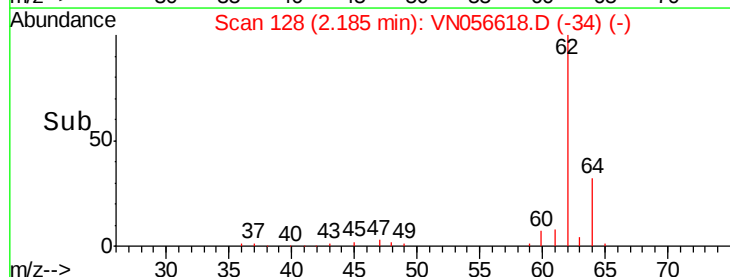
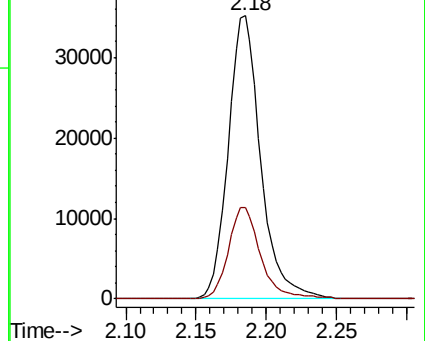
62 100

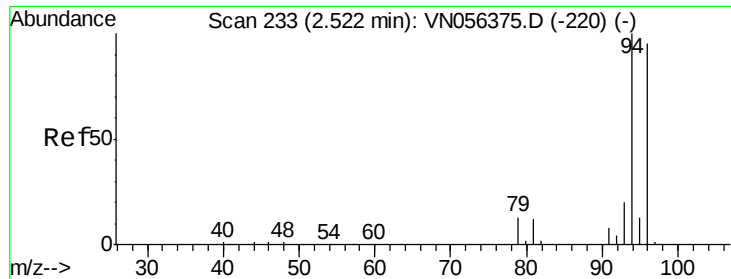
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

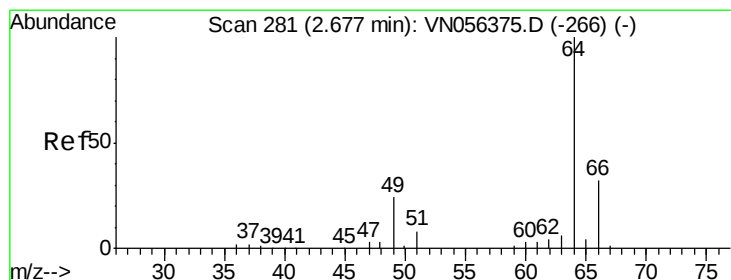
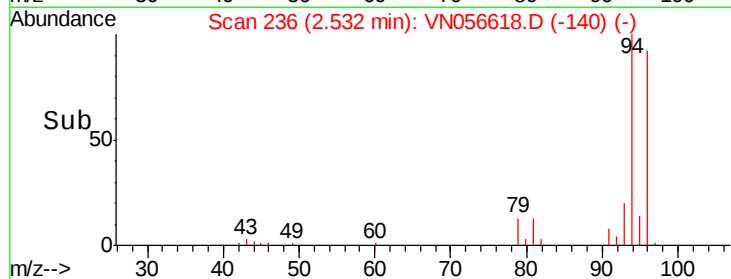
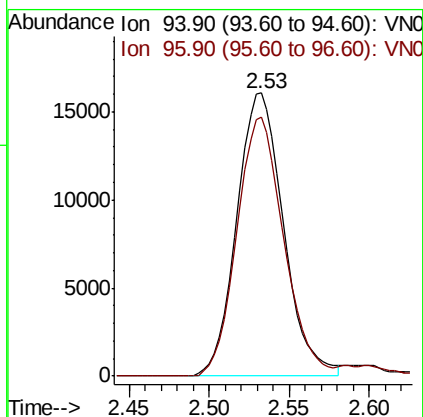
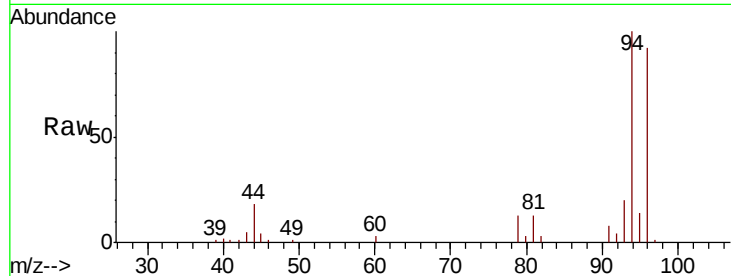




#5
Bromomethane
Concen: 16.727 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.01 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

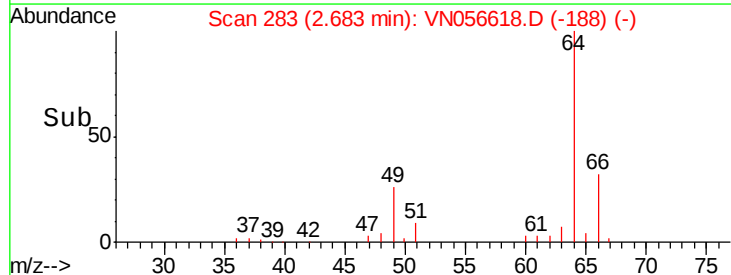
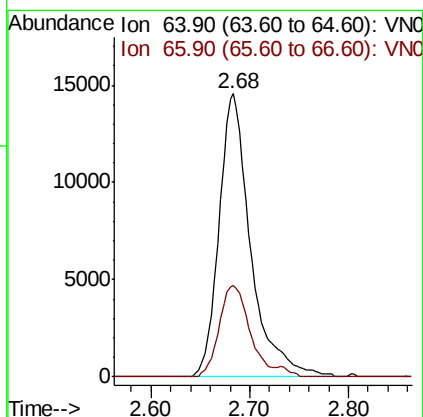
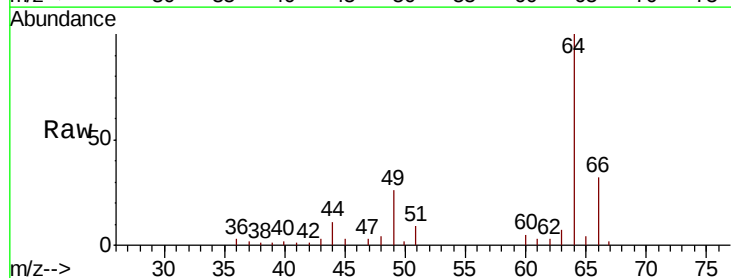
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

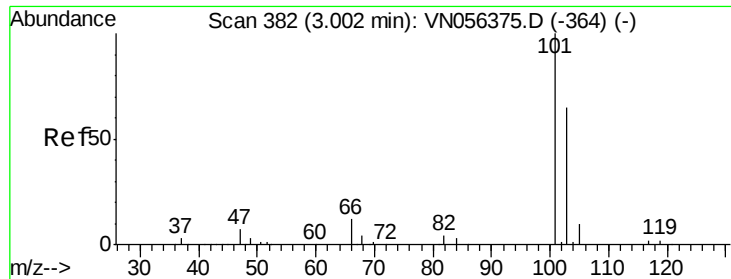
Tot Ion: 94 Resp: 32127
Ion Ratio Lower Upper
94 100
96 91.5 76.0 114.0



#6
Chloroethane
Concen: 17.230 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 64 Resp: 32689
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8



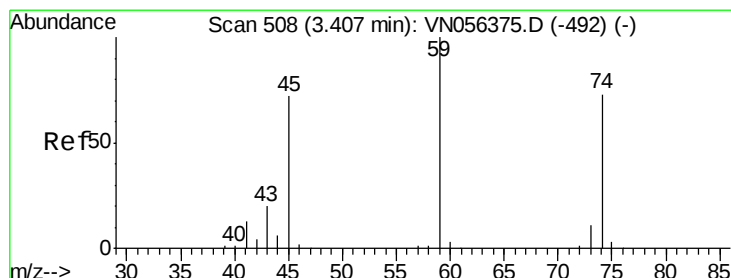
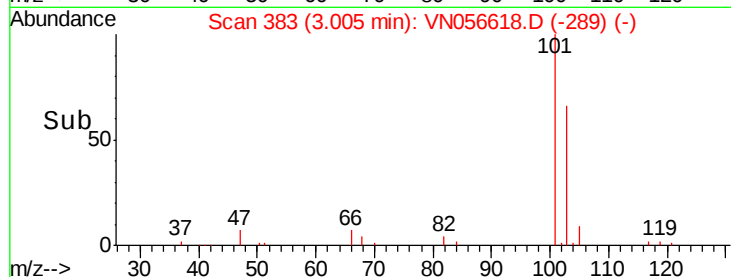
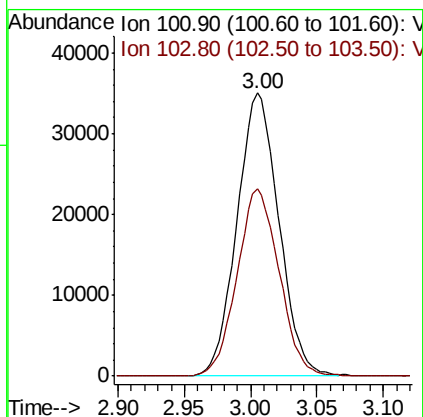
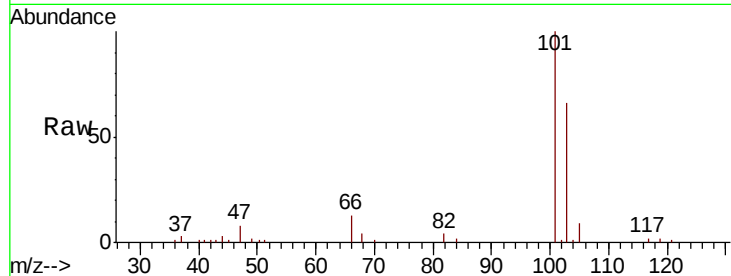


#7

Trichlorofluoromethane
 Concen: 18.179 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

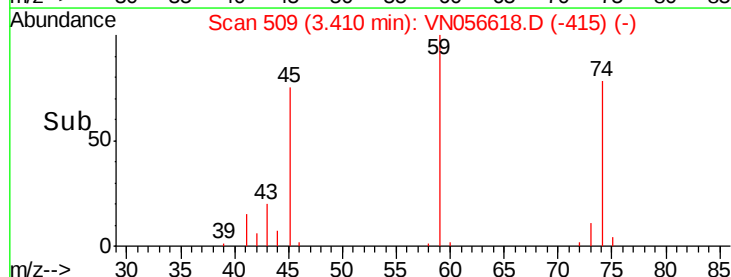
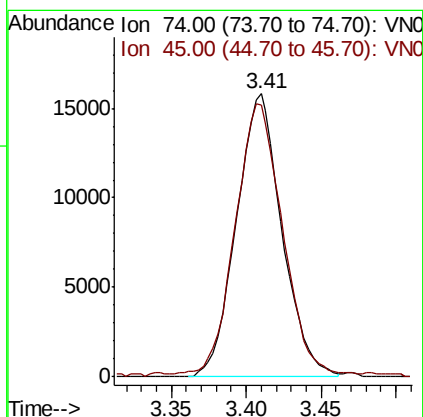
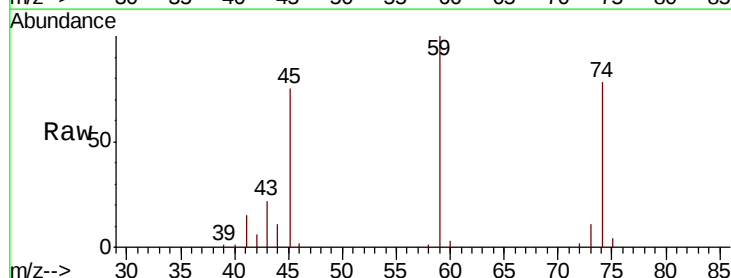
Tot Ion:101 Resp: 77040
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

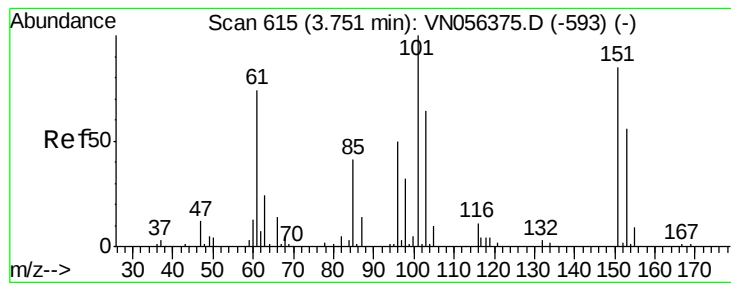


#8

Diethyl Ether
 Concen: 18.639 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 74 Resp: 33430
 Ion Ratio Lower Upper
 74 100
 45 98.3 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.100 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

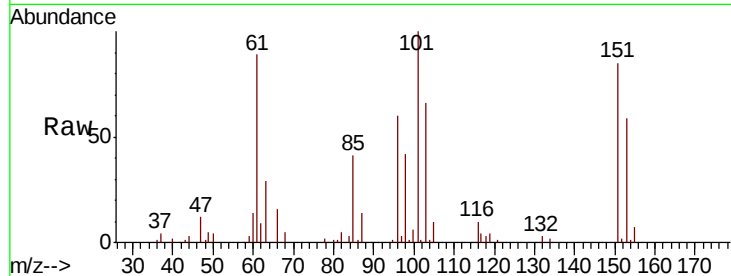
Tot Ion:101 Resp: 48916

Ion Ratio Lower Upper

101 100

85 42.1 32.7 49.1

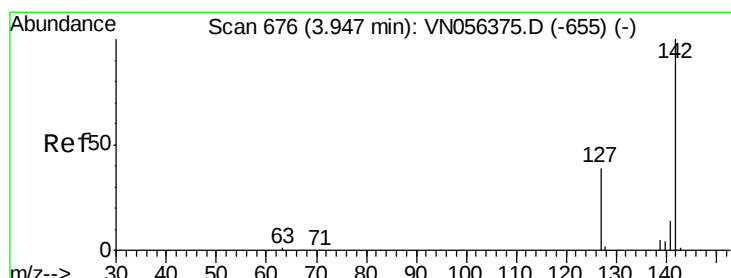
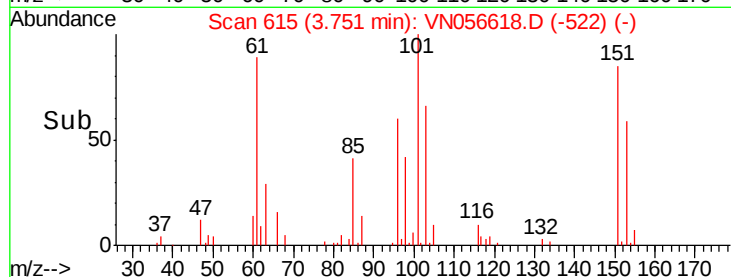
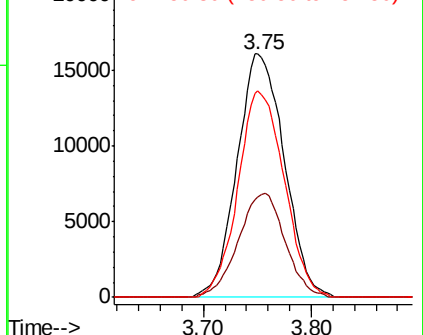
151 83.1 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.964 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

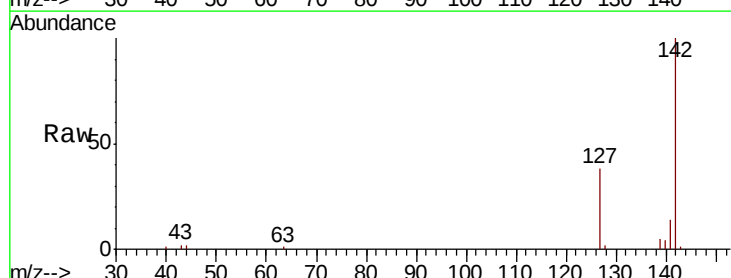
Tgt Ion:142 Resp: 54659

Ion Ratio Lower Upper

142 100

127 39.1 30.6 46.0

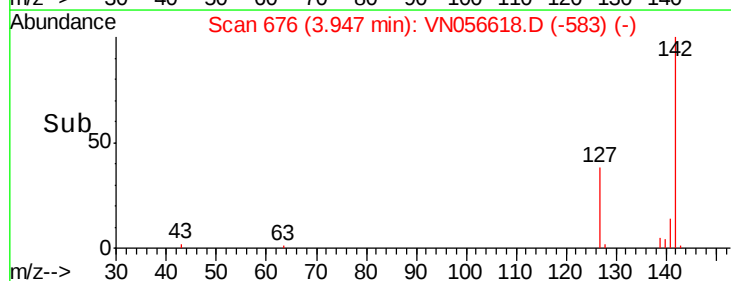
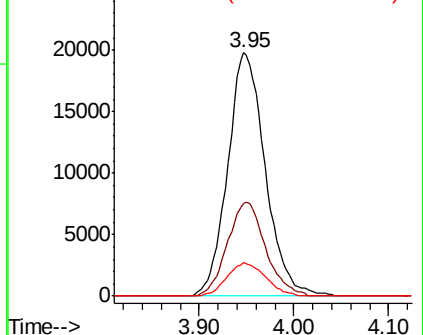
141 14.1 11.4 17.2

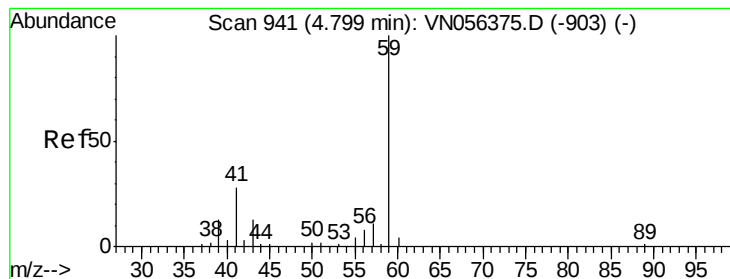


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



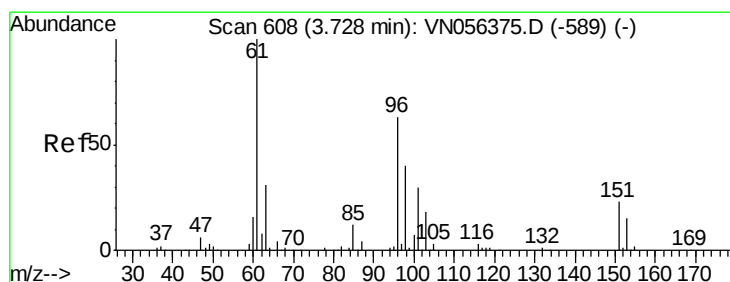
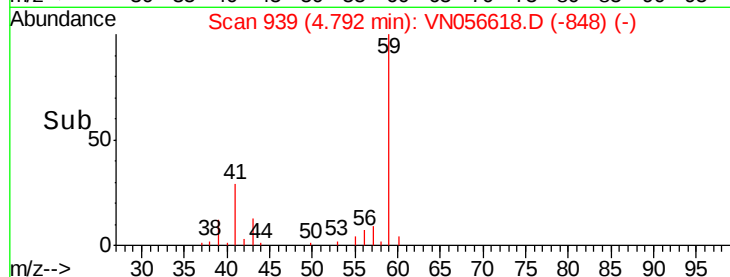
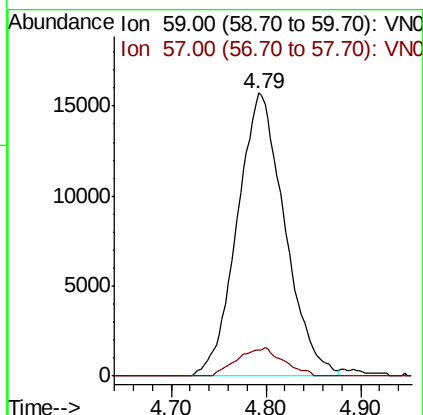
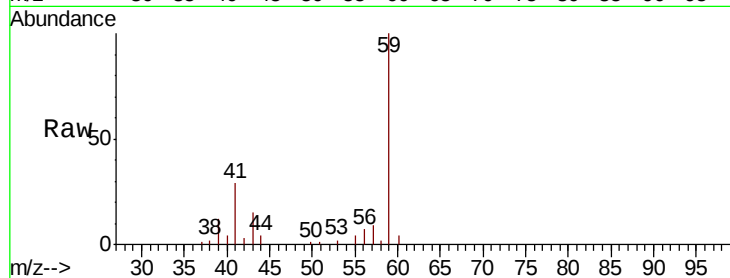


#11

Tert butyl alcohol
 Concen: 99.880 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

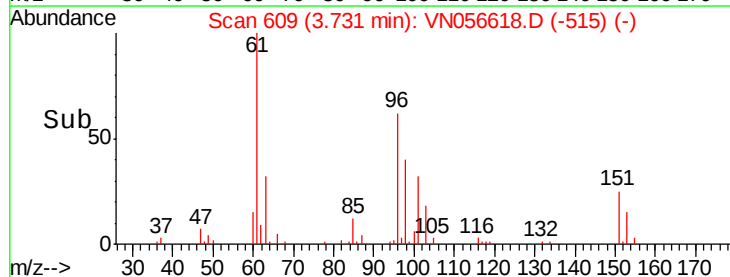
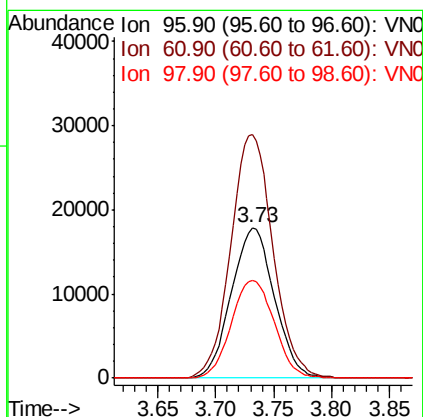
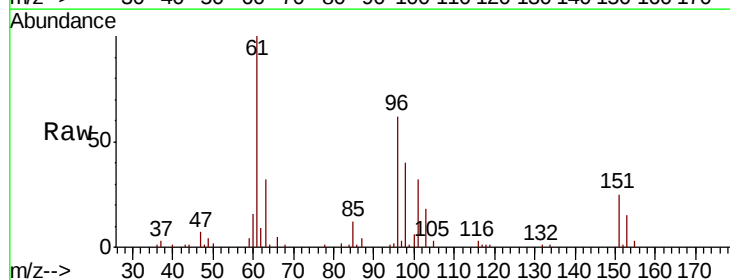
Tot Ion: 59 Resp: 54852
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.6 11.4

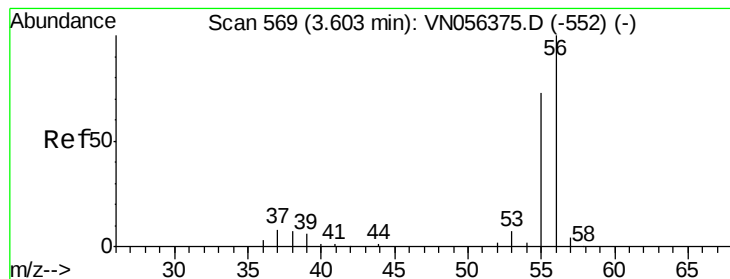


#12

1,1-Dichloroethene
 Concen: 17.692 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 96 Resp: 45981
 Ion Ratio Lower Upper
 96 100
 61 162.0 126.6 190.0
 98 64.9 51.1 76.7





#13

Acrolein

Concen: 51.249 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

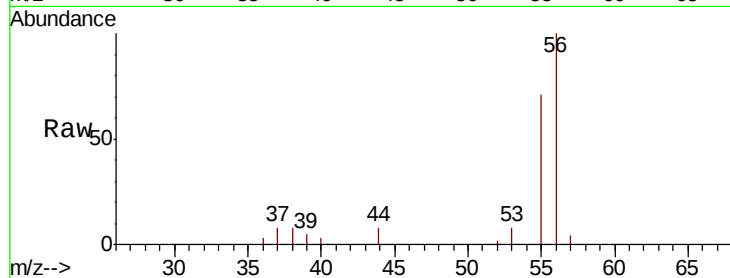
VN0708WBSD01

Tot Ion: 56 Resp: 23721

Ion Ratio Lower Upper

56 100

55 67.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

10000

8000

6000

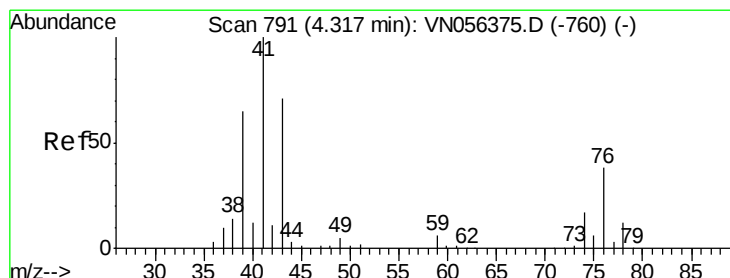
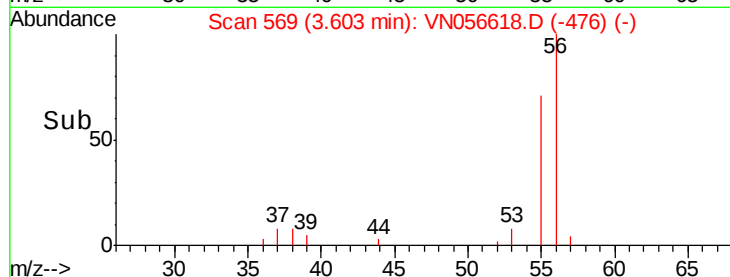
4000

2000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 18.855 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

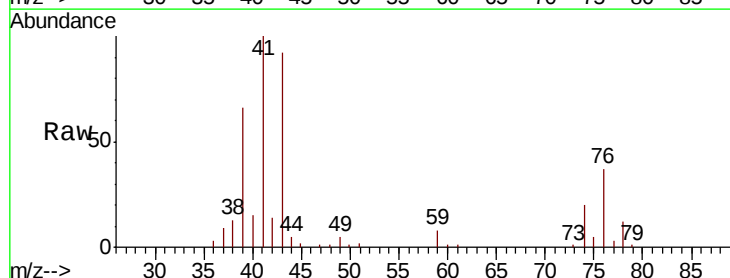
Tgt Ion: 41 Resp: 81572

Ion Ratio Lower Upper

41 100

39 61.1 48.6 73.0

76 32.1 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

30000

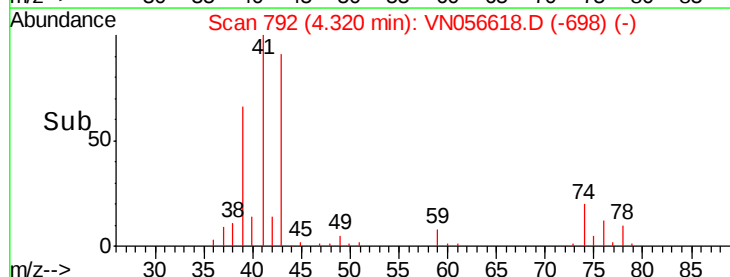
20000

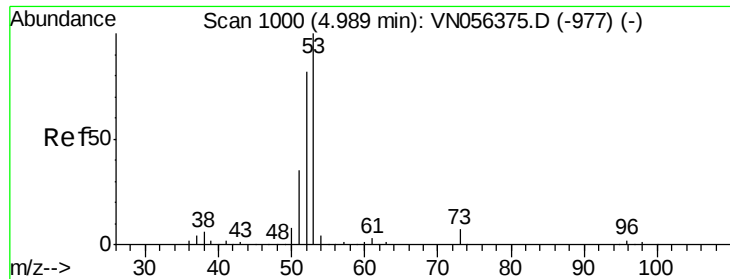
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 102.897 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

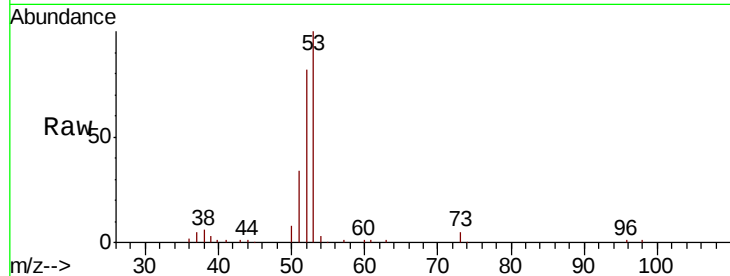
Tot Ion: 53 Resp: 156332

Ion Ratio Lower Upper

53 100

52 80.2 65.9 98.9

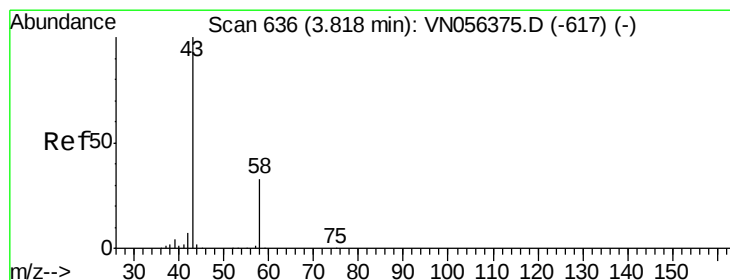
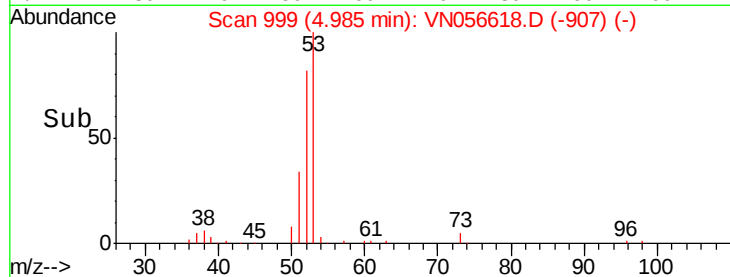
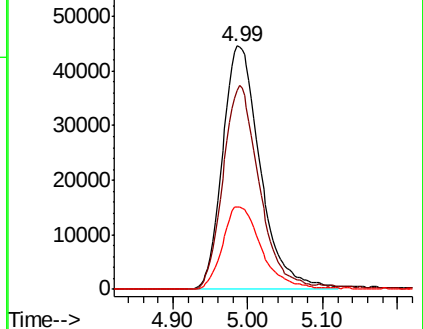
51 34.9 28.3 42.5



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: 76.193 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056618.D

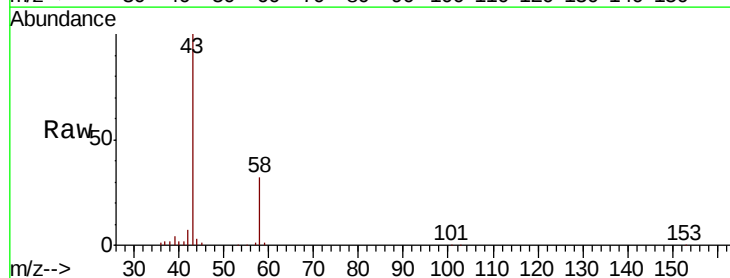
Acq: 8 Jul 2019 18:38

Tgt Ion: 43 Resp: 124472

Ion Ratio Lower Upper

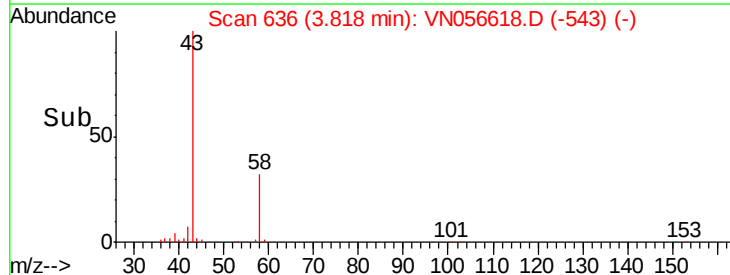
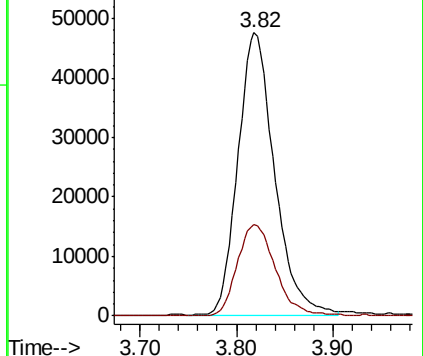
43 100

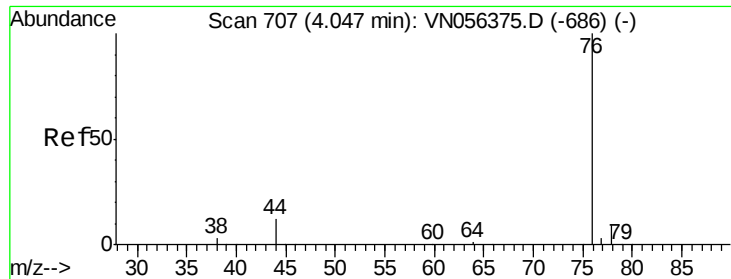
58 32.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

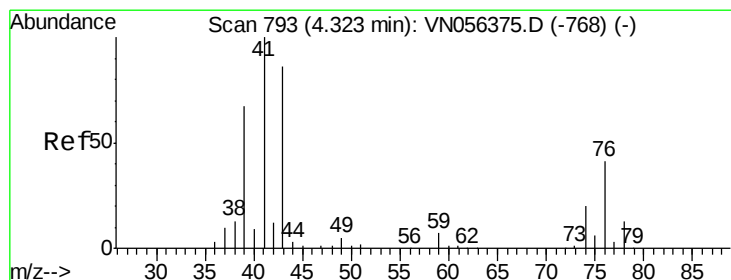
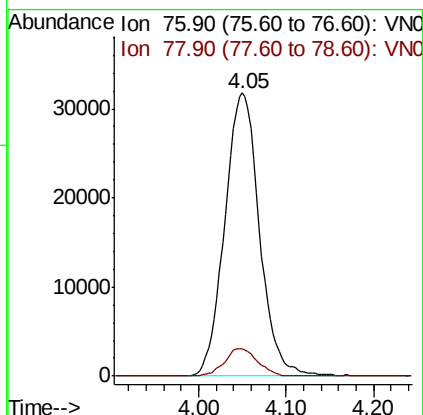
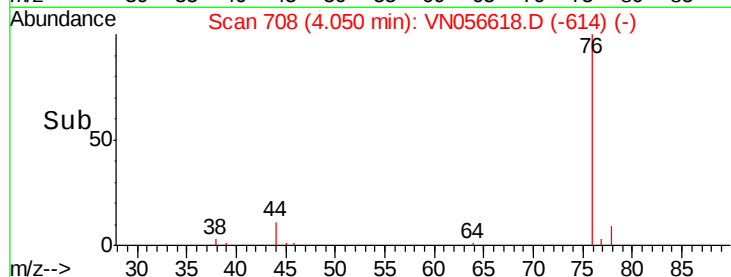
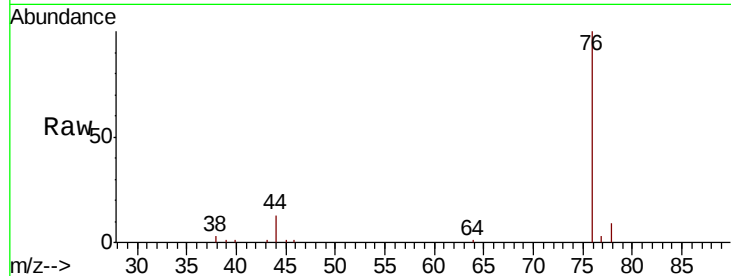




#17
Carbon Disulfide
Concen: 14.786 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

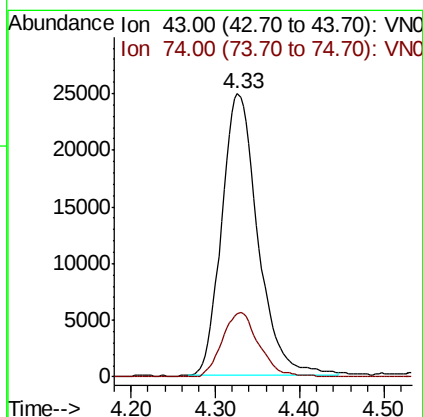
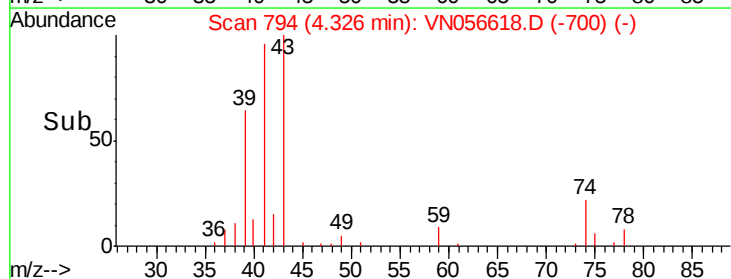
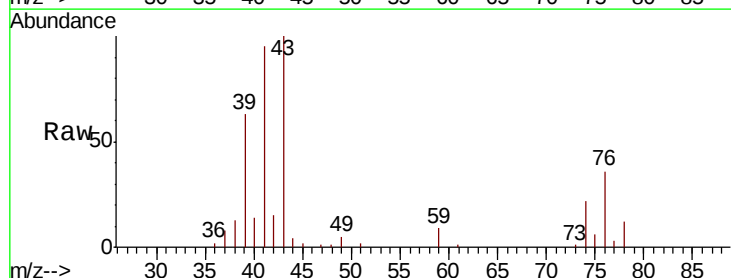
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

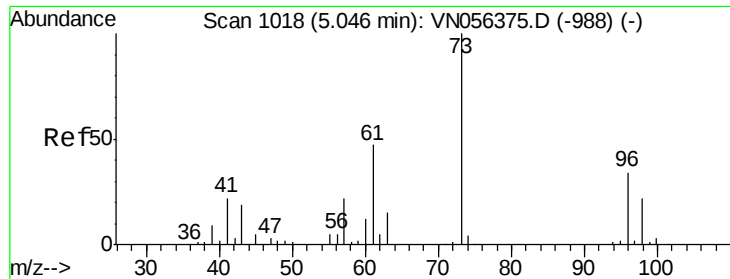
Tot Ion: 76 Resp: 87401
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 22.632 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 43 Resp: 73933
Ion Ratio Lower Upper
43 100
74 23.0 19.2 28.8

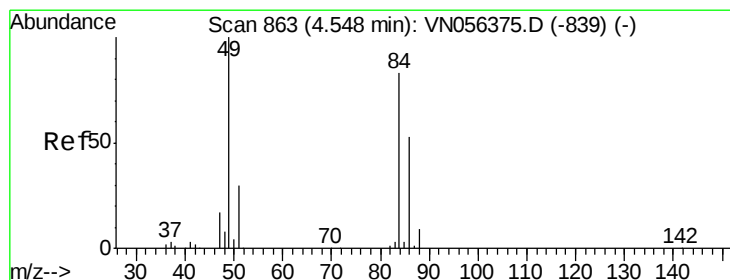
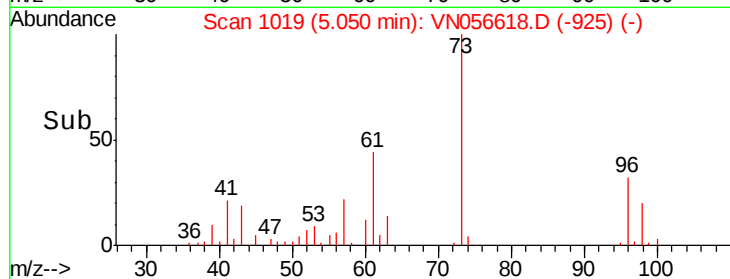
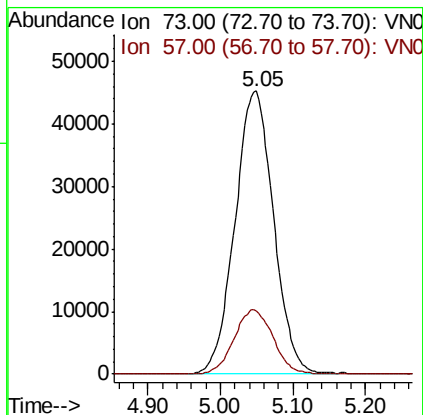
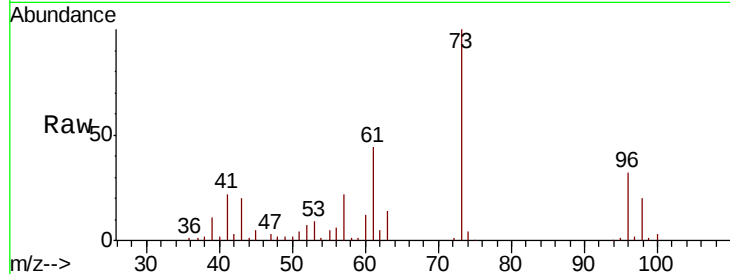




#19
Methyl tert-butyl Ether
Concen: 19.469 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

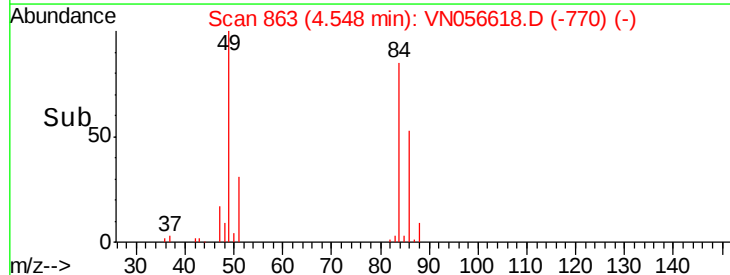
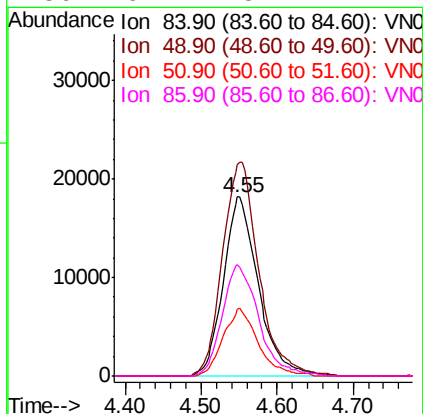
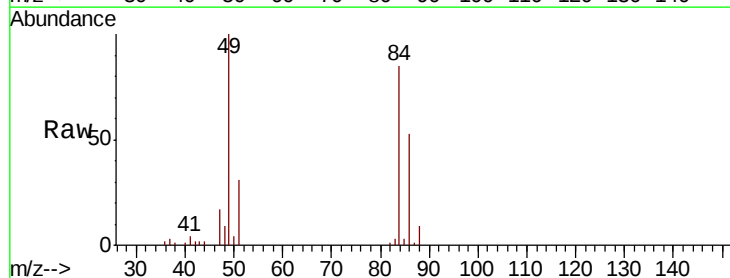
Instrument :
MSVOA_N
ClientSampled :
VN0708WBSD01

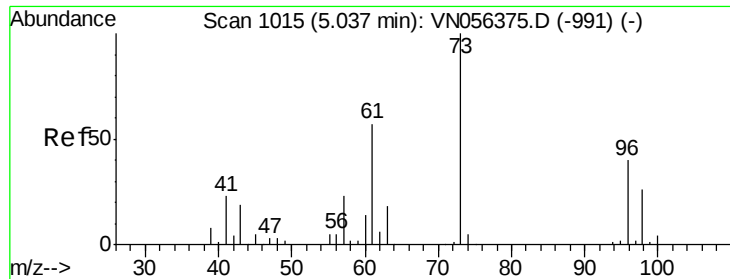
Tot Ion: 73 Resp: 167430
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 18.345 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 84 Resp: 58231
Ion Ratio Lower Upper
84 100
49 117.7 96.4 144.6
51 37.1 28.6 43.0
86 62.2 51.4 77.2

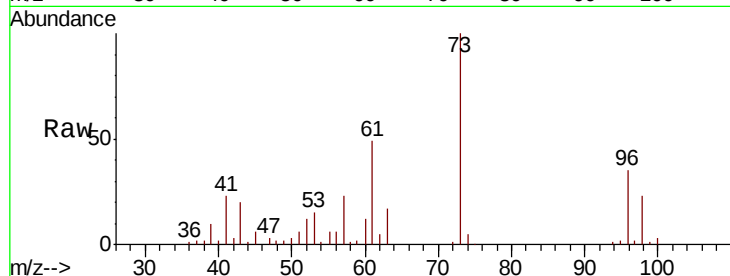




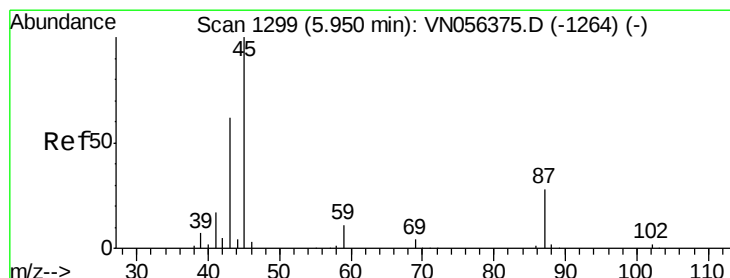
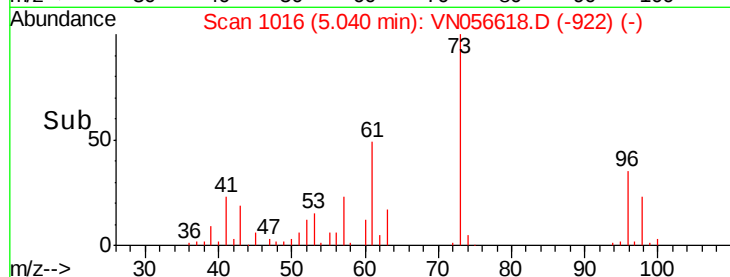
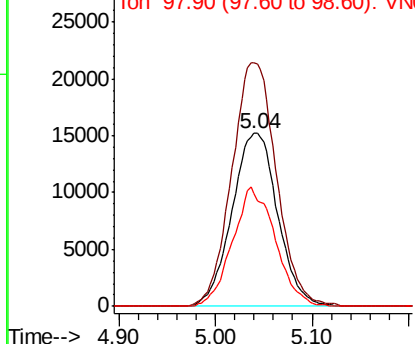
#21
trans-1,2-Dichloroethene
Concen: 17.802 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tot Ion: 96 Resp: 49883
Ion Ratio Lower Upper
96 100
61 141.0 113.0 169.6
98 65.4 52.2 78.2

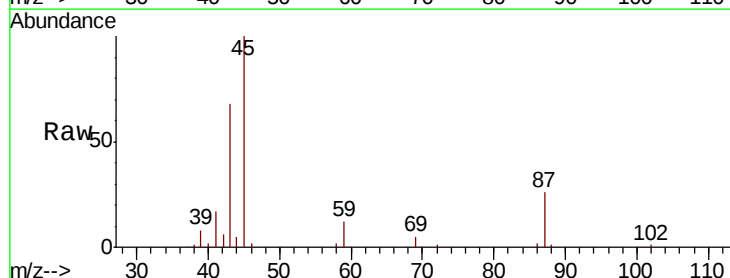


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

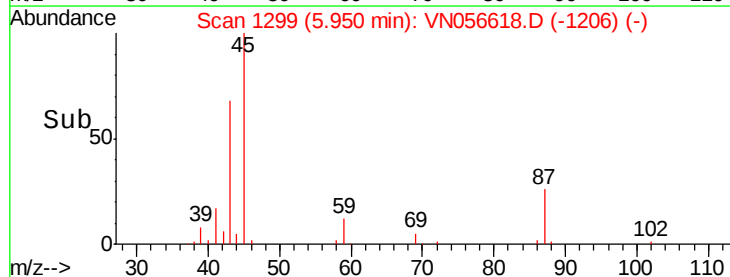
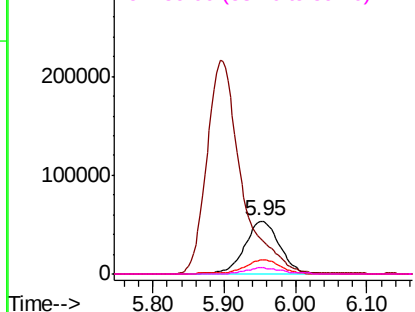


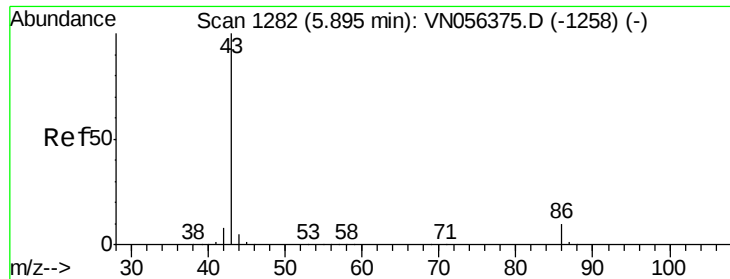
#22
Diisopropyl ether
Concen: 20.174 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 45 Resp: 183293
Ion Ratio Lower Upper
45 100
43 65.6 50.4 75.6
87 26.0 23.0 34.4
59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

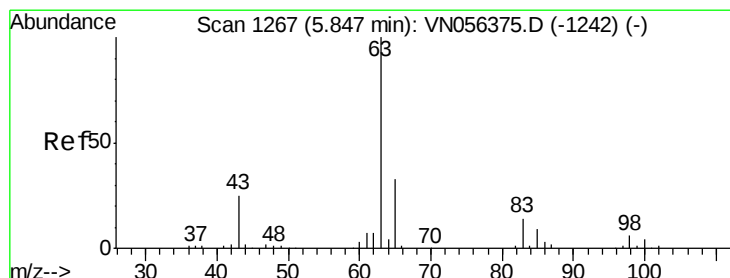
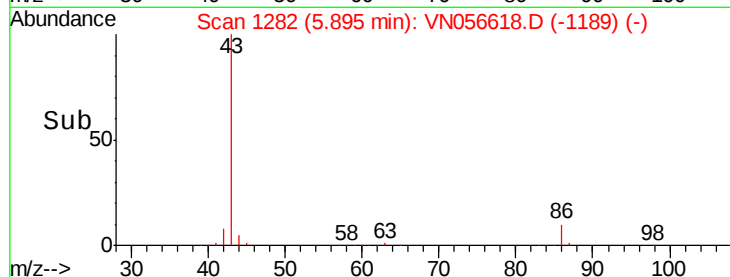
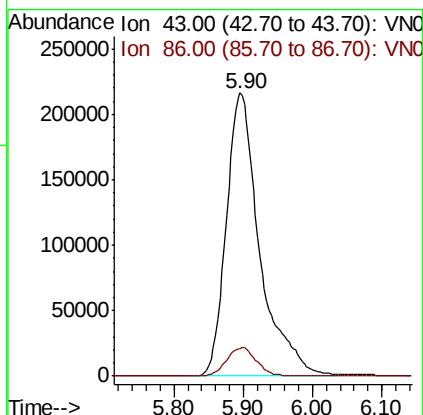
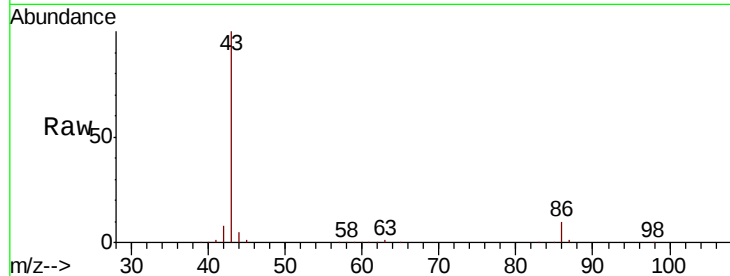




#23
 Vinyl Acetate
 Concen: 101.478 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

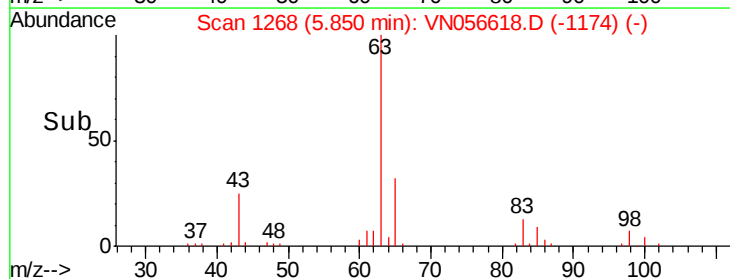
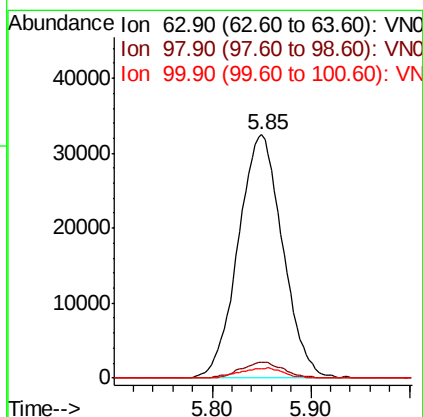
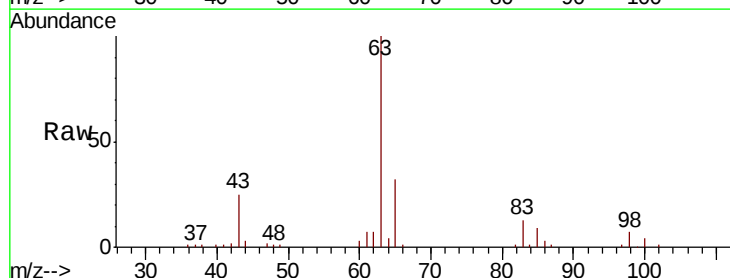
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

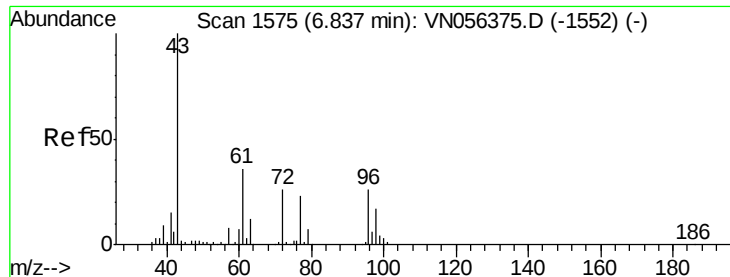
Tot Ion: 43 Resp: 727212
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 19.378 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 63 Resp: 101068
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 3.8 2.1 6.5

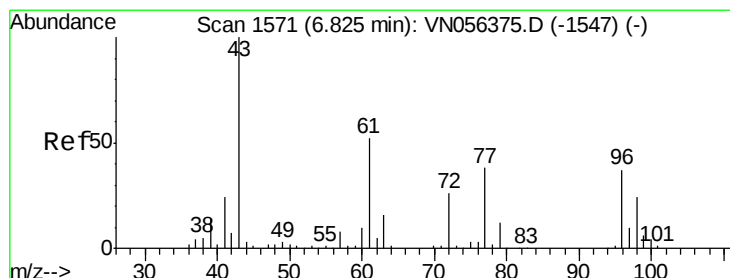
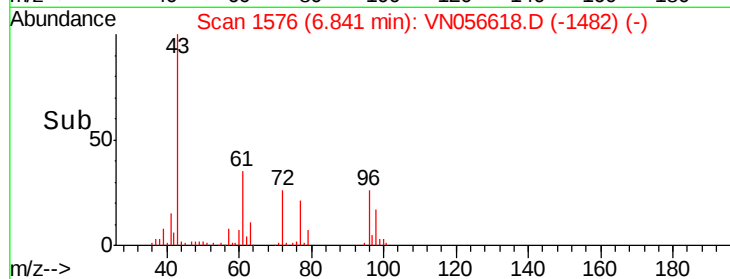
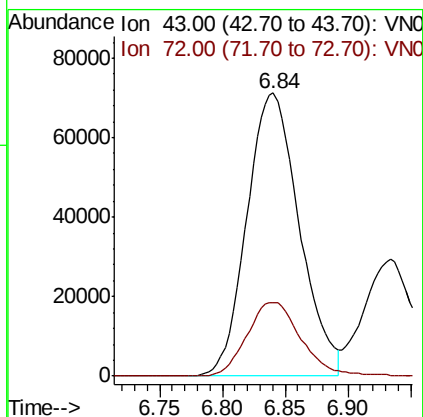
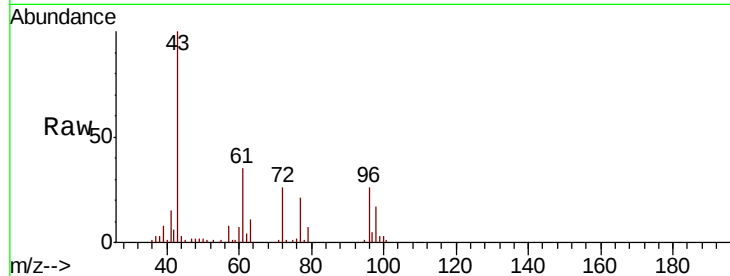




#25
2-Butanone
Concen: 95.397 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

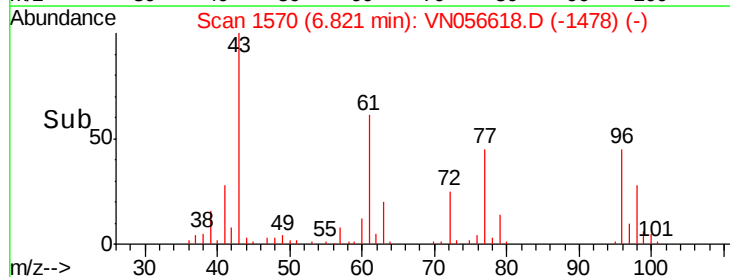
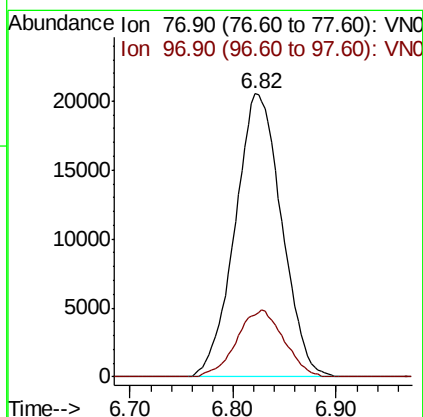
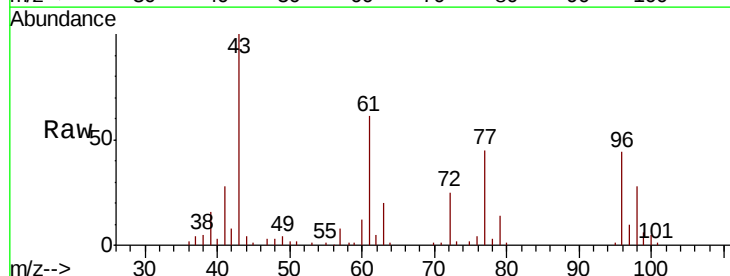
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

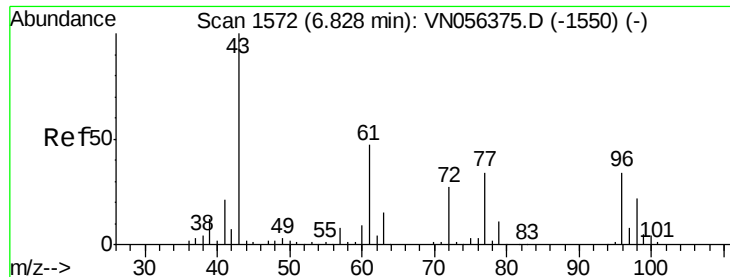
Tot Ion: 43 Resp: 206262
Ion Ratio Lower Upper
43 100
72 26.2 20.6 31.0



#26
2,2-Dichloropropane
Concen: 17.736 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 77 Resp: 64337
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.275 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

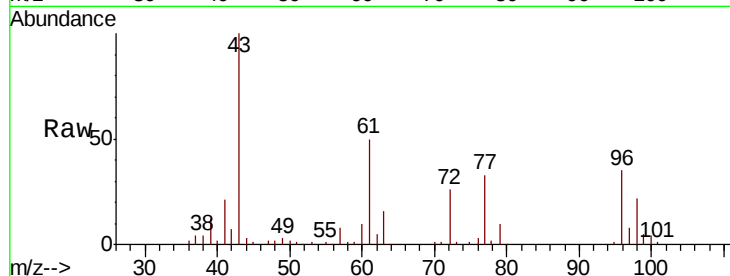
Tot Ion: 96 Resp: 63188

Ion Ratio Lower Upper

96 100

61 139.1 0.0 279.8

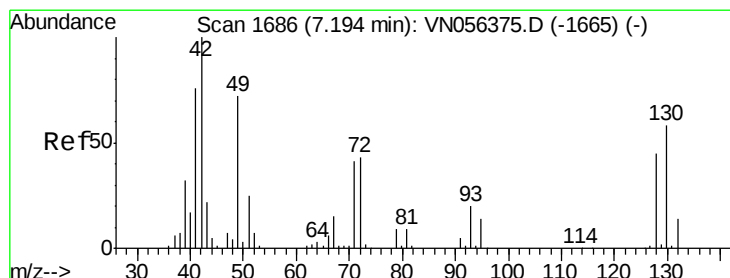
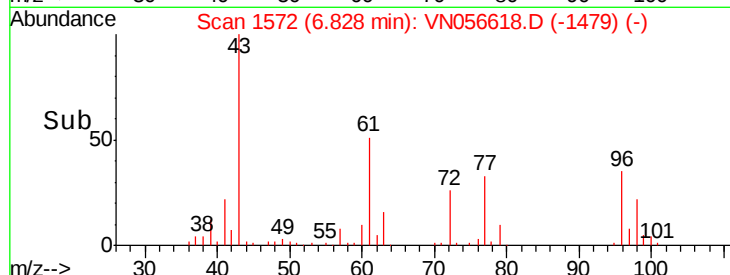
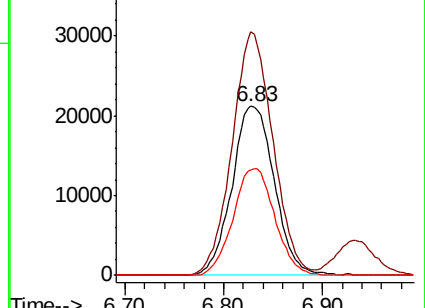
98 62.2 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.883 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

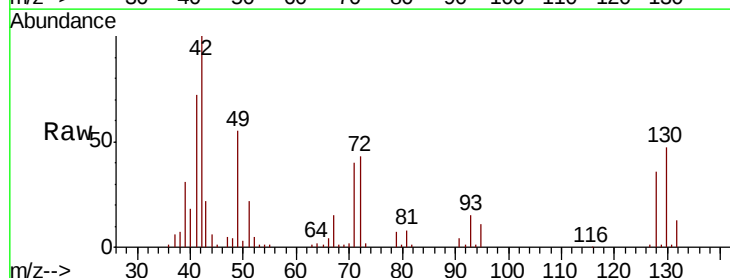
Tgt Ion: 49 Resp: 48713

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

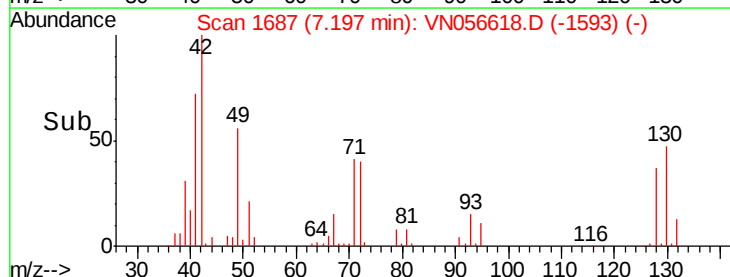
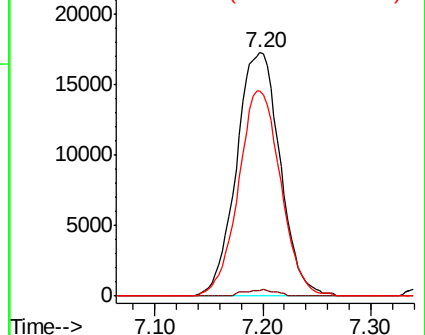
130 81.6 64.9 97.3

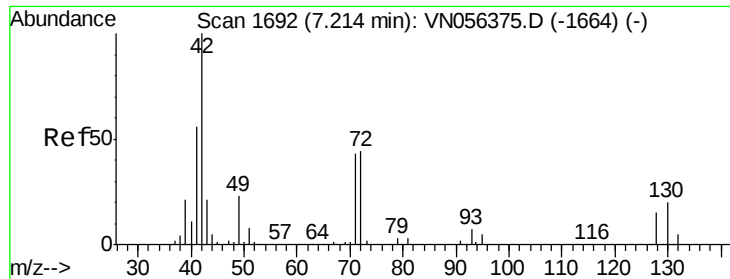


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

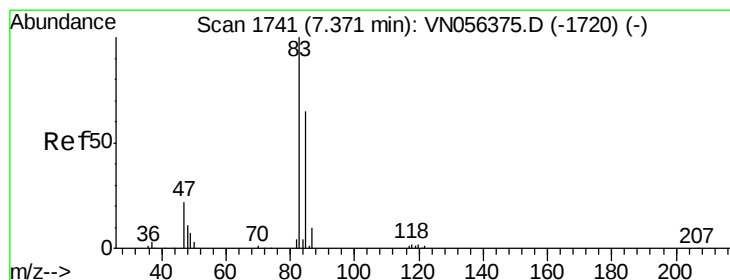
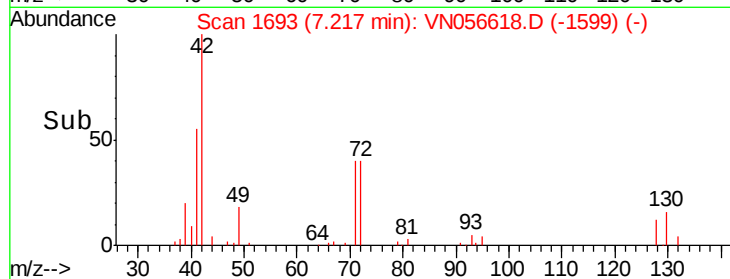
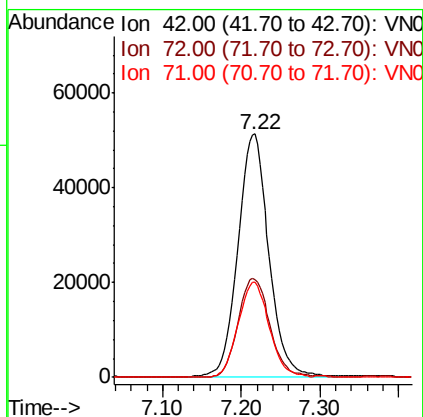
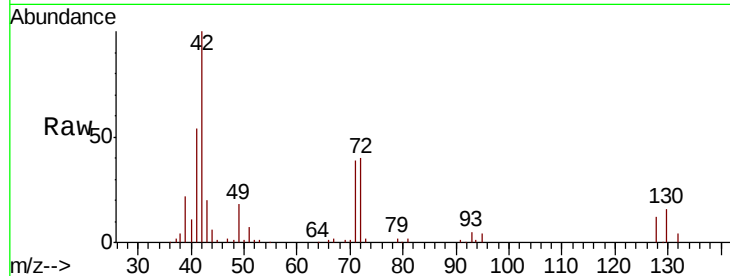




#29
Tetrahydrofuran
Concen: 107.715 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

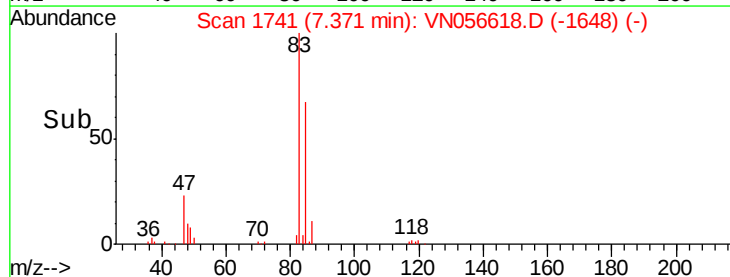
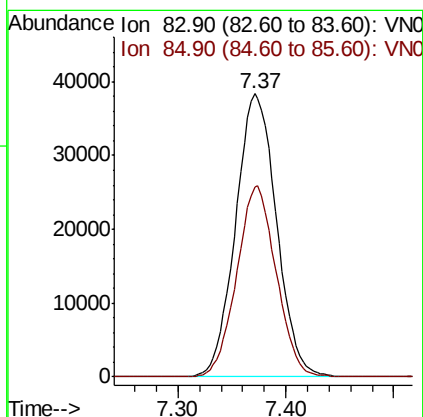
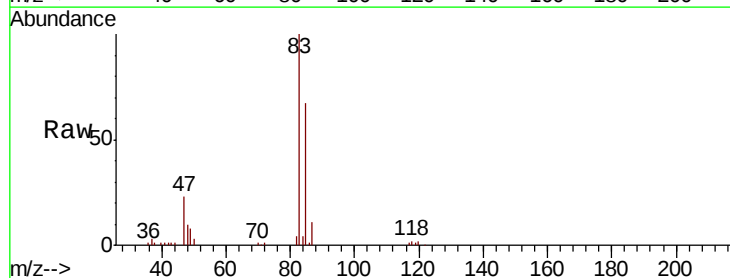
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

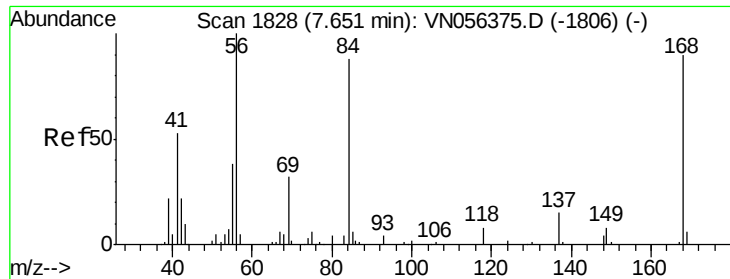
Tot Ion: 42 Resp: 142322
Ion Ratio Lower Upper
42 100
72 41.8 34.7 52.1
71 39.2 33.0 49.6



#30
Chloroform
Concen: 19.666 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 83 Resp: 101209
Ion Ratio Lower Upper
83 100
85 67.0 52.3 78.5

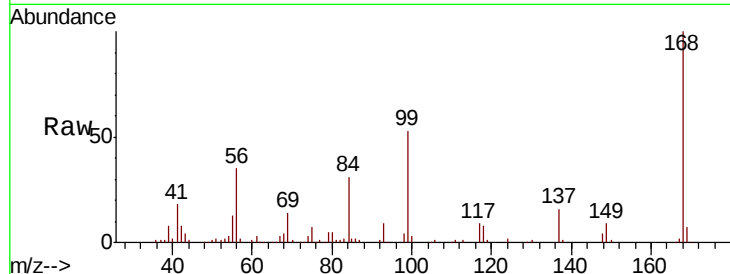




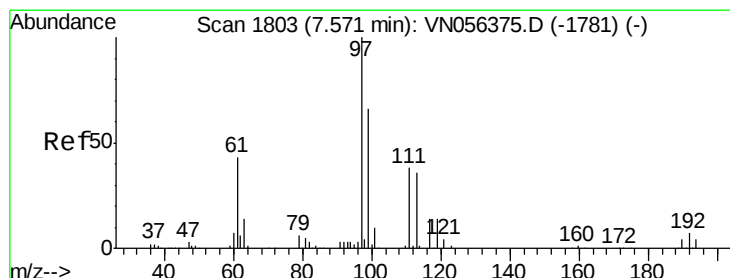
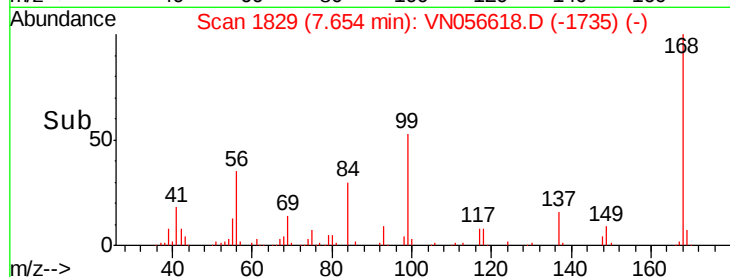
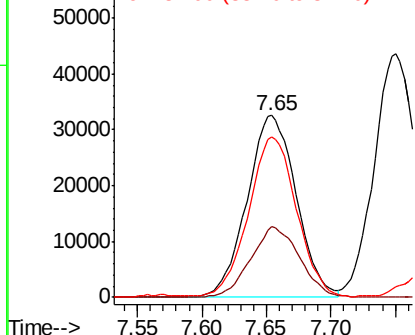
#31
Cyclohexane
Concen: 17.186 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tot Ion: 56 Resp: 86532
Ion Ratio Lower Upper
56 100
69 38.8 25.8 38.6#
84 87.2 69.4 104.0

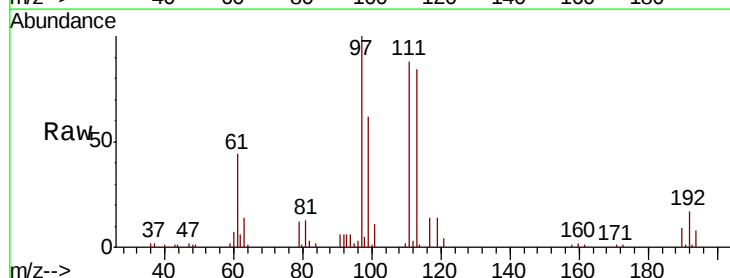


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

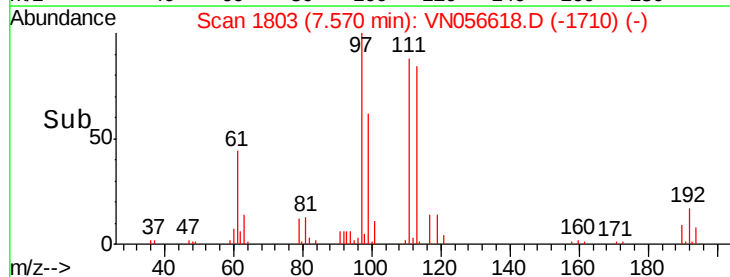
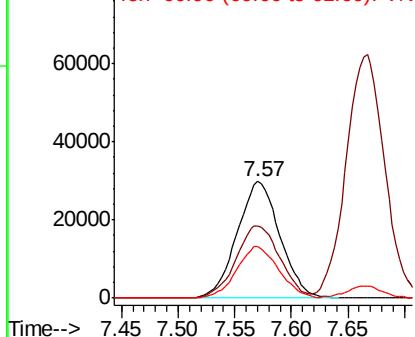


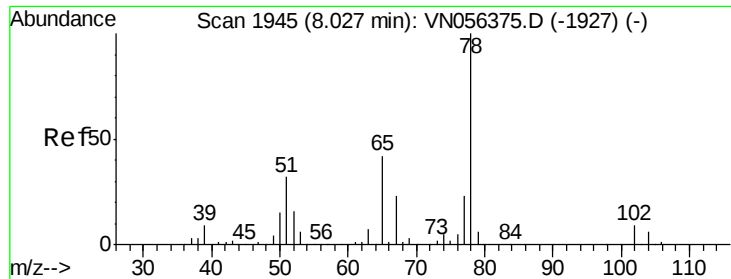
#32
1,1,1-Trichloroethane
Concen: 19.228 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 97 Resp: 78436
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 43.4 33.9 50.9



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

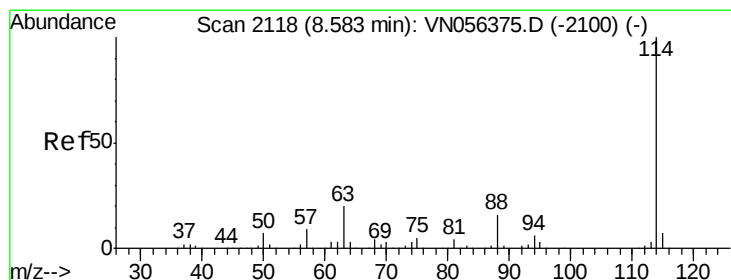
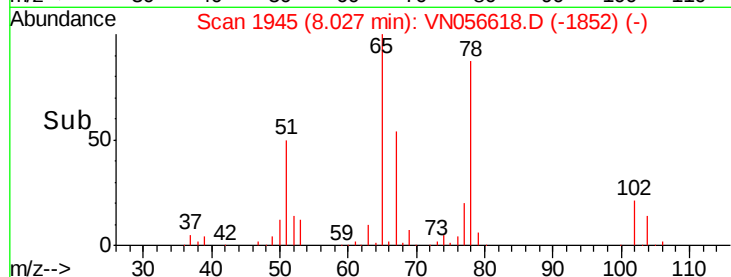
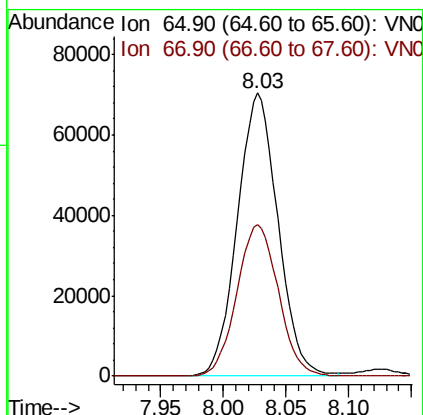
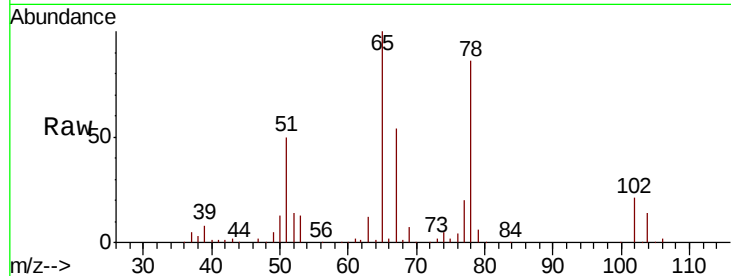




#33
 1,2-Dichloroethane-d4
 Concen: 48.607 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

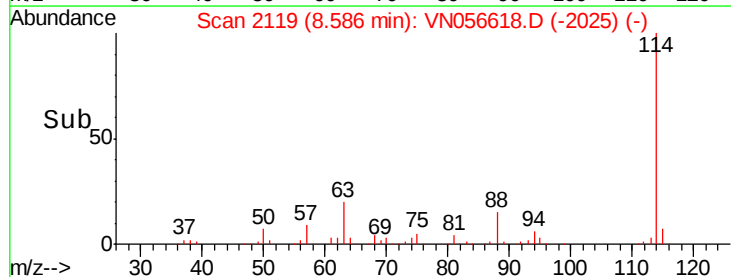
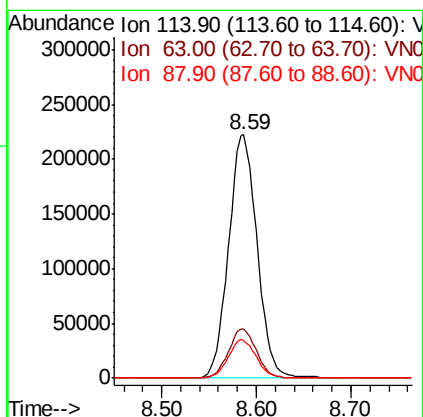
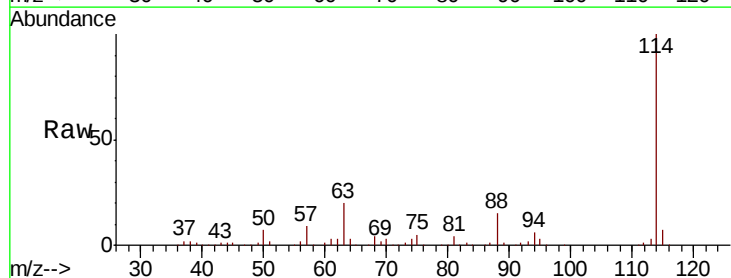
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

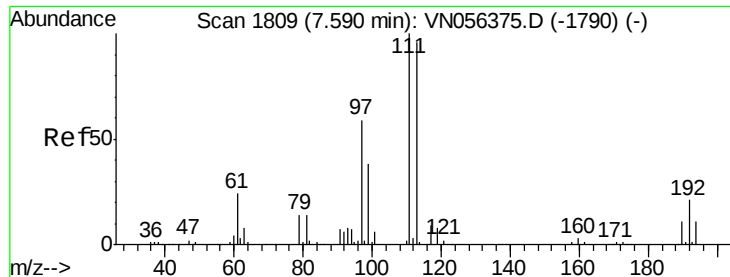
Tot Ion: 65 Resp: 158491
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 114 Resp: 465679
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.4 0.0 31.4

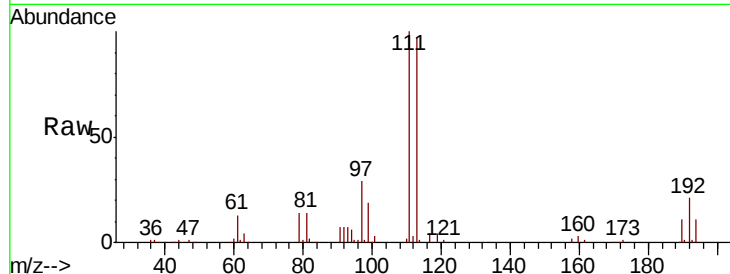




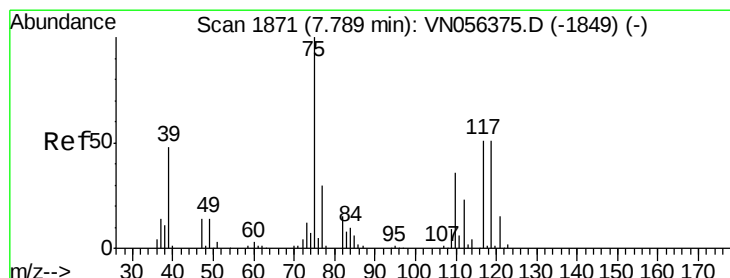
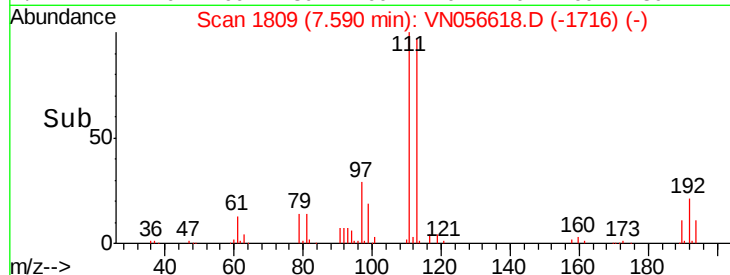
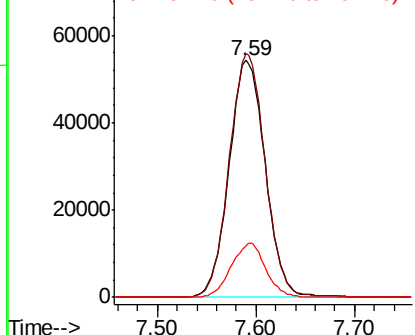
#35
 Dibromofluoromethane
 Concen: 47.622 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Tot Ion:113 Resp: 138345
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.9 124.3
 192 21.7 17.7 26.5

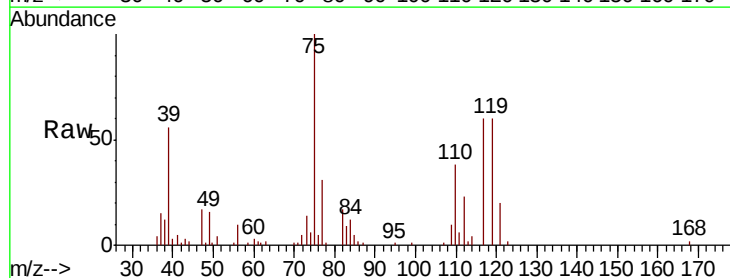


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

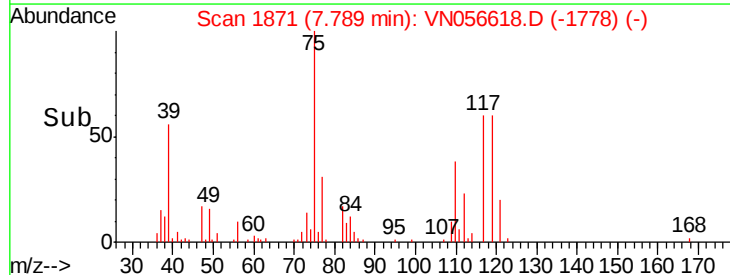
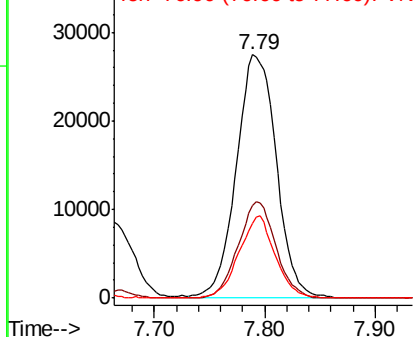


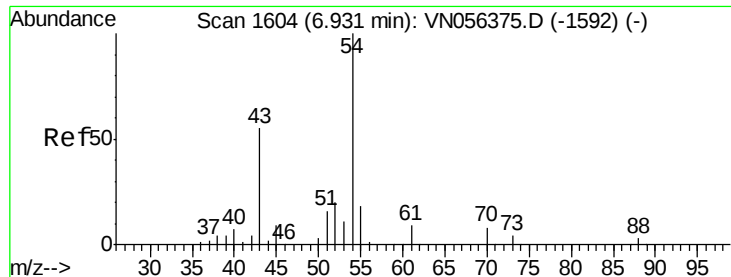
#36
 1,1-Dichloropropene
 Concen: 16.901 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 75 Resp: 69274
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.3
 77 30.4 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

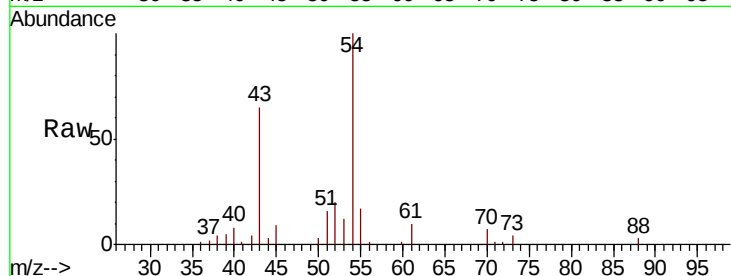




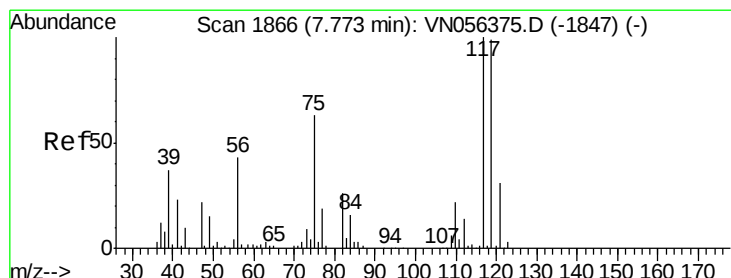
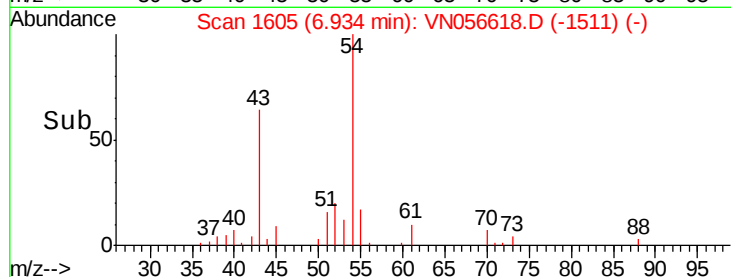
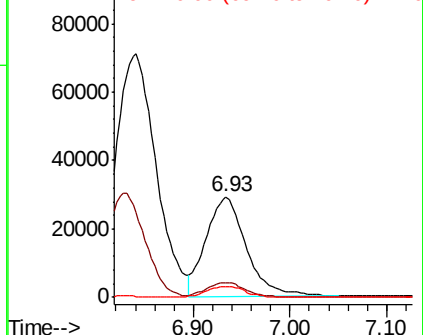
#37
Ethyl Acetate
Concen: 20.748 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tot Ion: 43 Resp: 83575
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 10.8 8.3 12.5

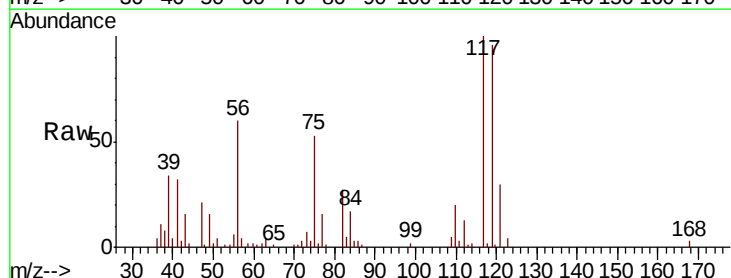


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

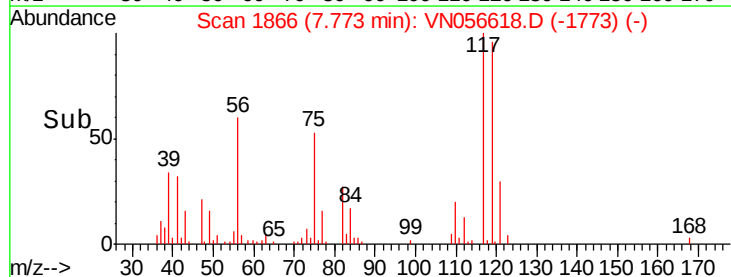
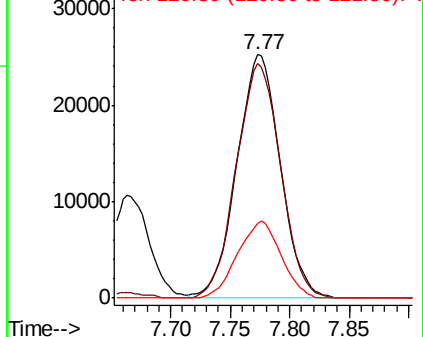


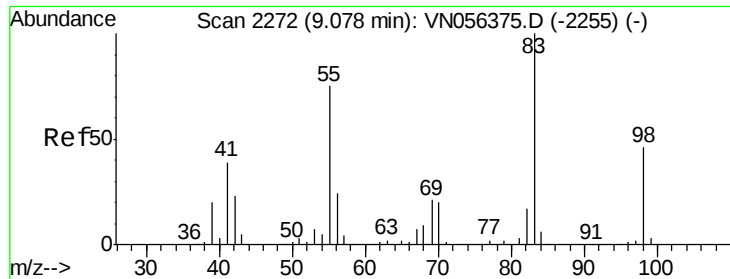
#38
Carbon Tetrachloride
Concen: 17.831 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 117 Resp: 63912
Ion Ratio Lower Upper
117 100
119 96.4 79.1 118.7
121 30.5 24.8 37.2



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

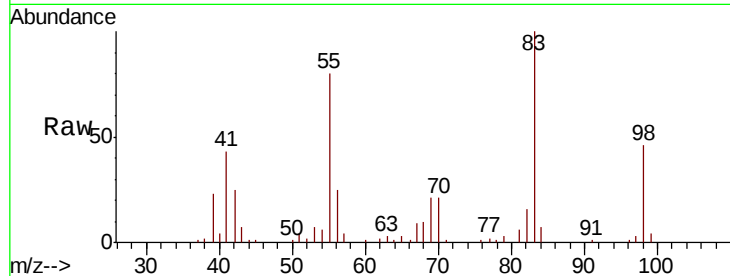




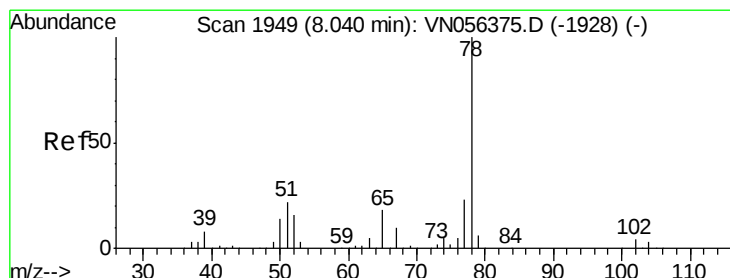
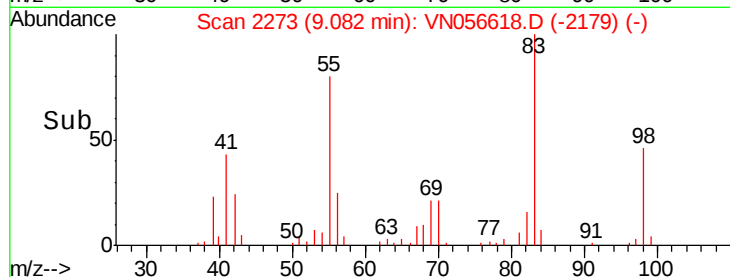
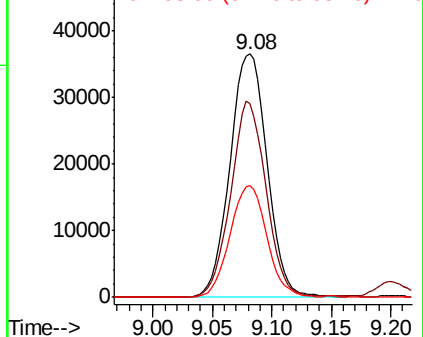
#39
Methvlcvclohexane
Concen: 15.663 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tot Ion: 83 Resp: 79215
Ion Ratio Lower Upper
83 100
55 79.6 60.0 90.0
98 45.7 36.6 54.8

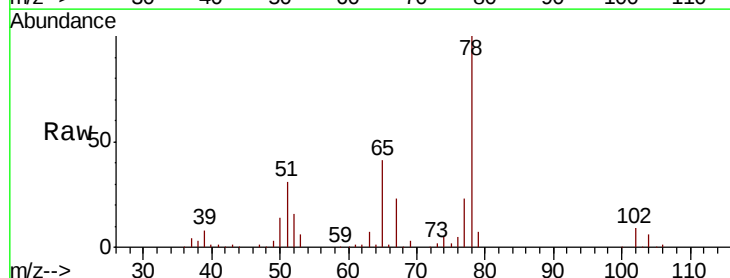


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

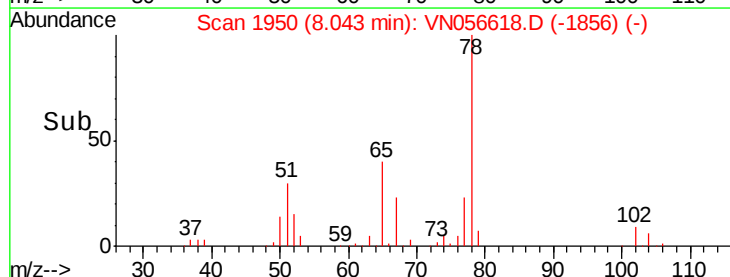
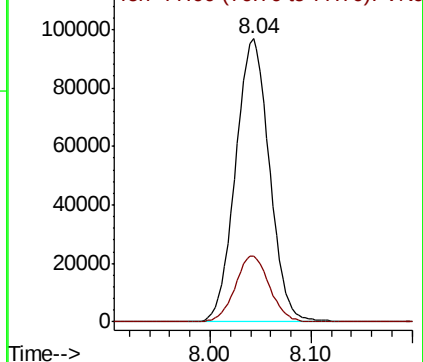


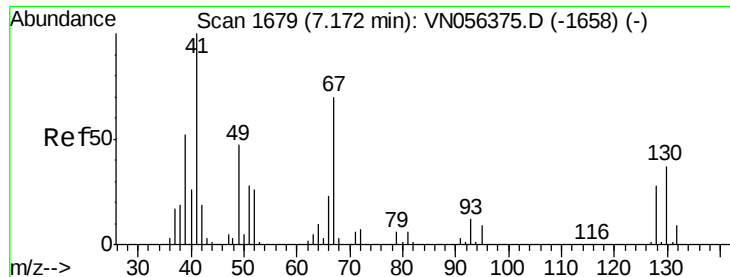
#40
Benzene
Concen: 17.855 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 78 Resp: 225109
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



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

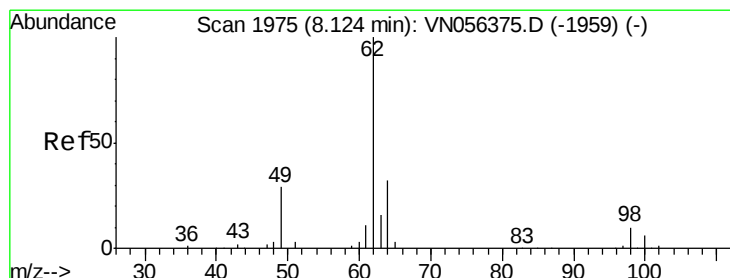
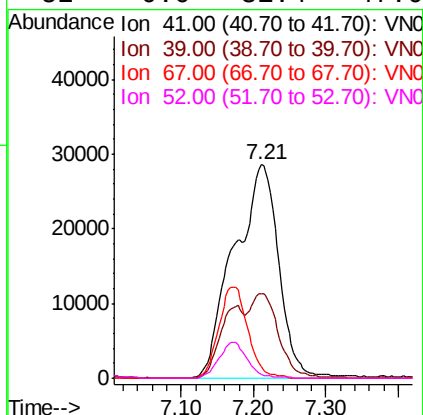
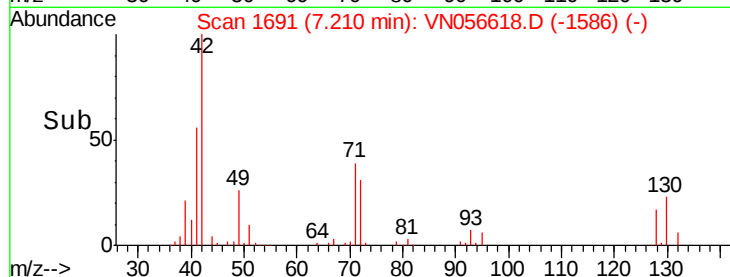
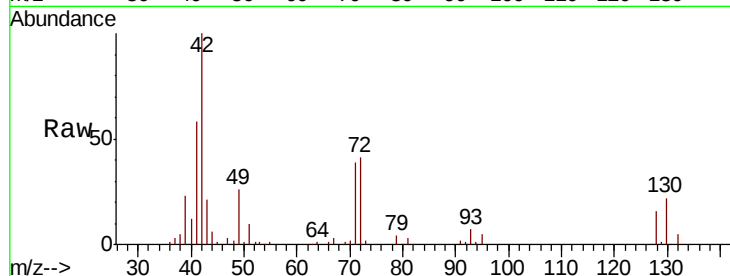




#41
Methacrylonitrile
Concen: 68.824 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

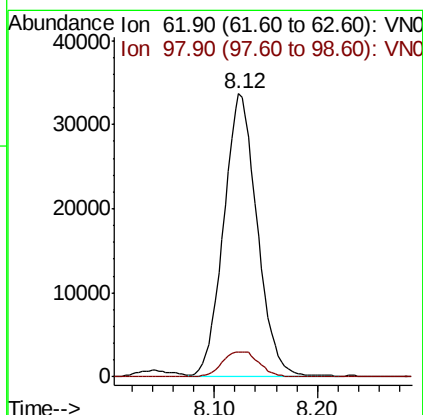
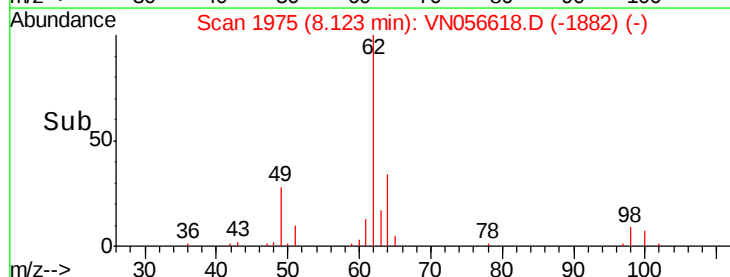
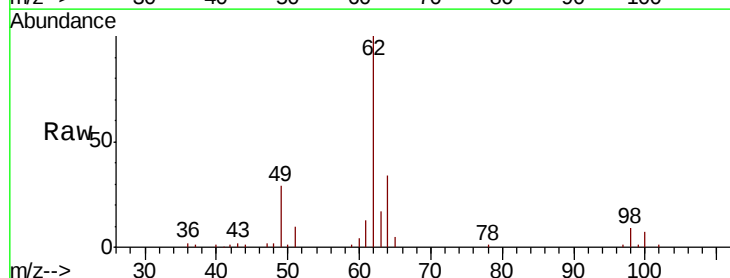
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

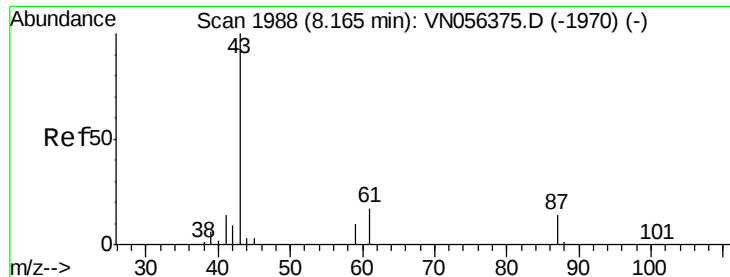
Tot Ion: 41 Resp: 122417
Ion Ratio Lower Upper
41 100
39 0.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 18.341 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 62 Resp: 76313
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.921 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

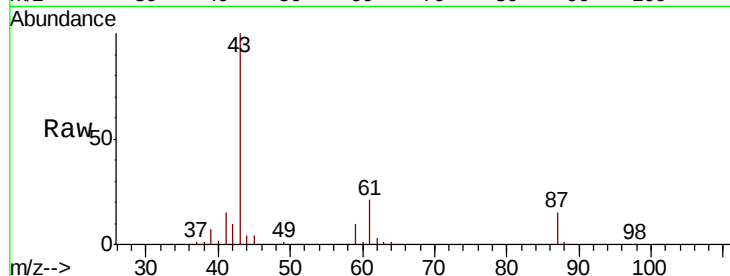
Tot Ion: 43 Resp: 136153

Ion Ratio Lower Upper

43 100

61 19.7 22.0 33.0#

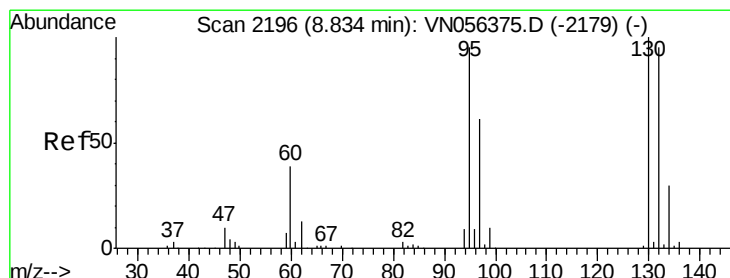
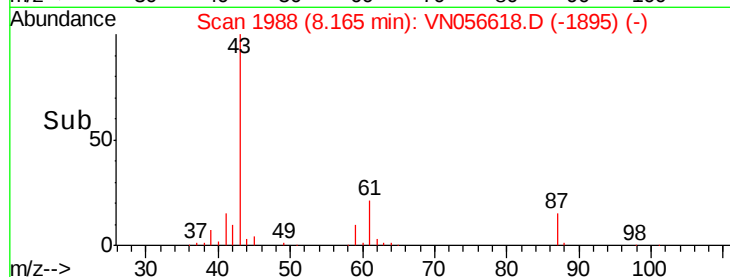
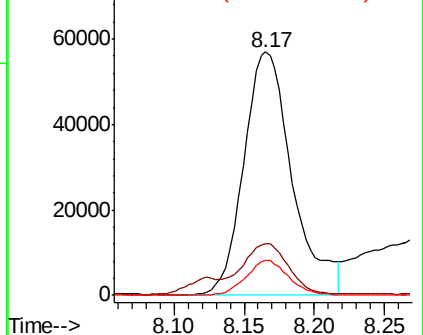
87 12.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056618.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN056618.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN056618.D (-1895) (-)



#44

Trichloroethene

Concen: 17.368 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056618.D

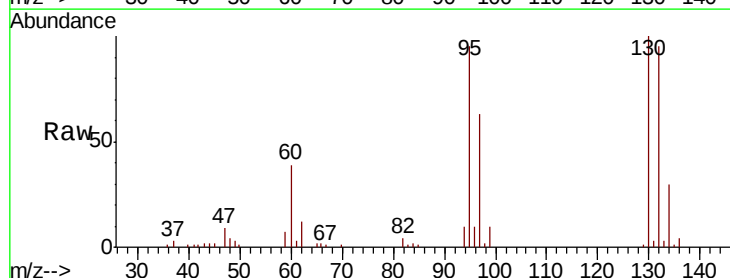
Acq: 8 Jul 2019 18:38

Tgt Ion:130 Resp: 58988

Ion Ratio Lower Upper

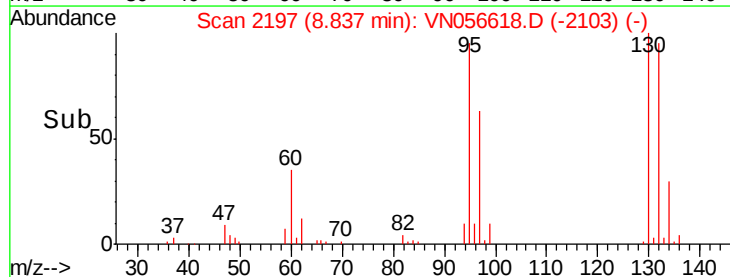
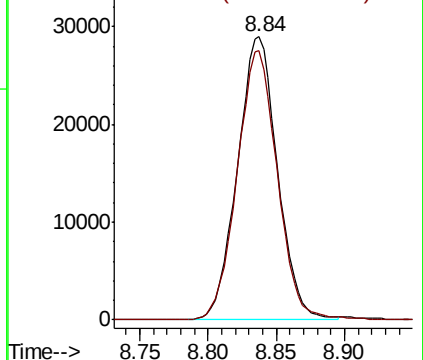
130 100

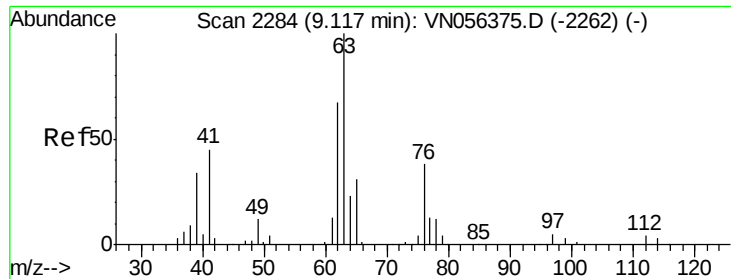
95 94.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056618.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056618.D (-2103) (-)

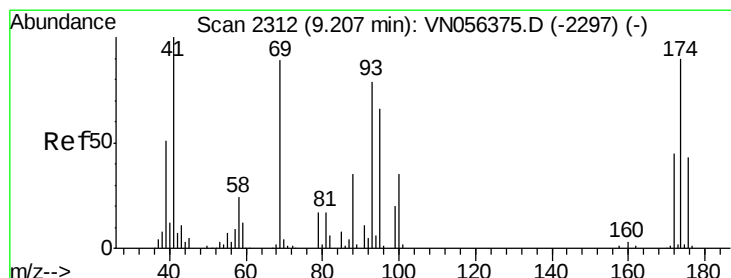
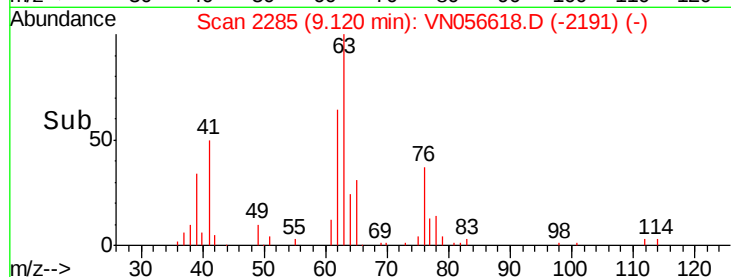
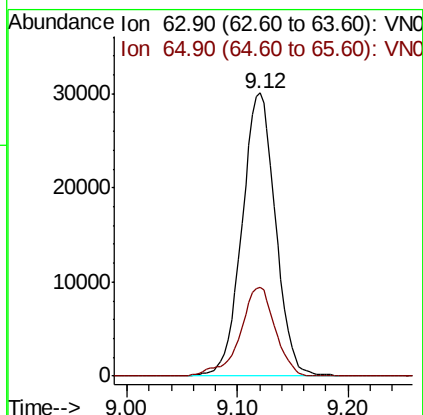
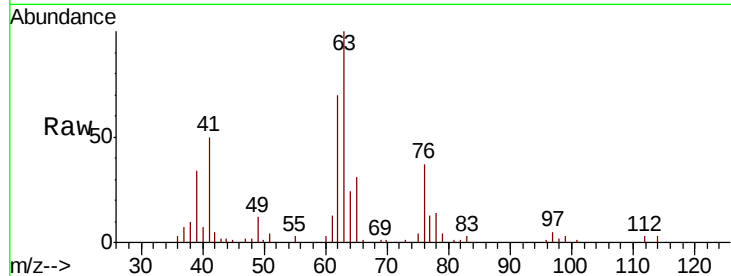




#45
 1,2-Dichloropropane
 Concen: 18.724 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

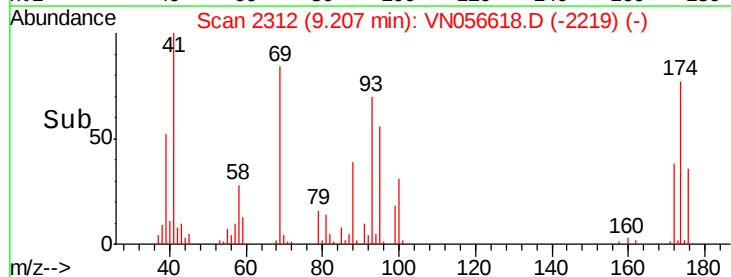
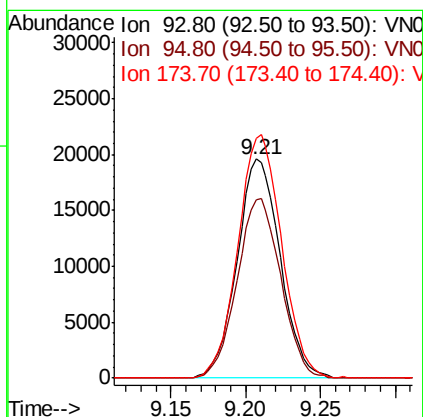
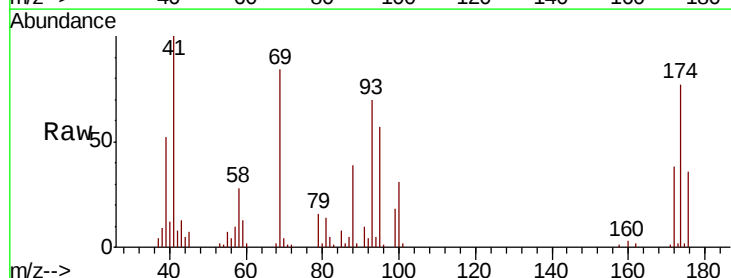
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

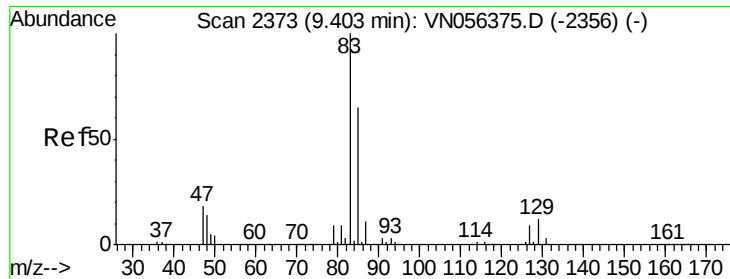
Tot Ion: 63 Resp: 63133
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 18.625 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 93 Resp: 39291
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.2
 174 112.6 90.8 136.2





#47

Bromodichloromethane

Concen: 19.320 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

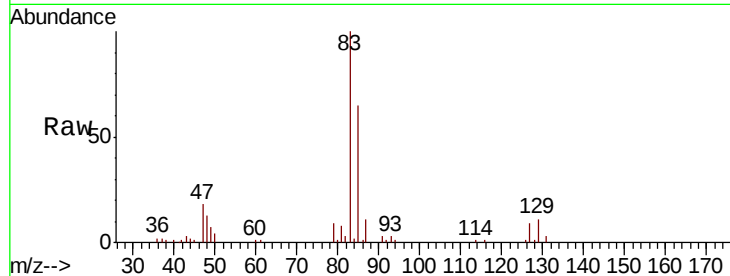
Tot Ion: 83 Resp: 72285

Ion Ratio Lower Upper

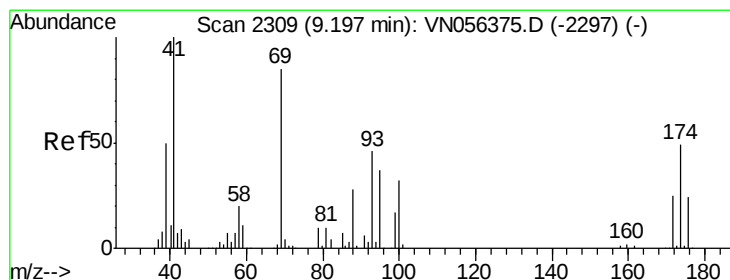
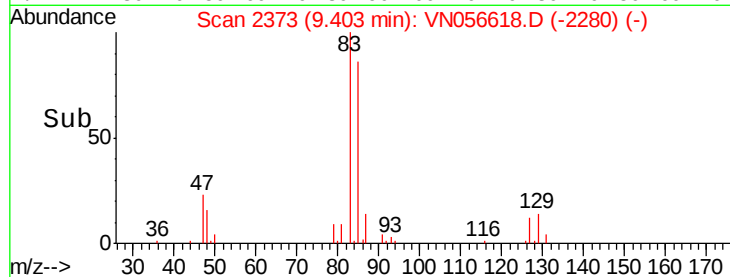
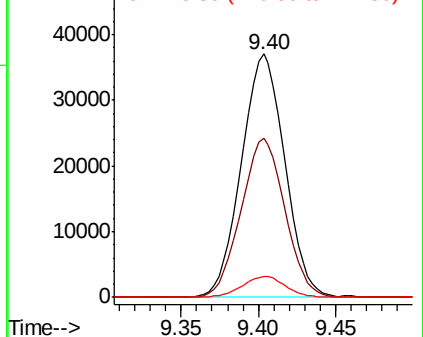
83 100

85 65.2 52.2 78.4

127 8.8 7.3 10.9



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: 19.657 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

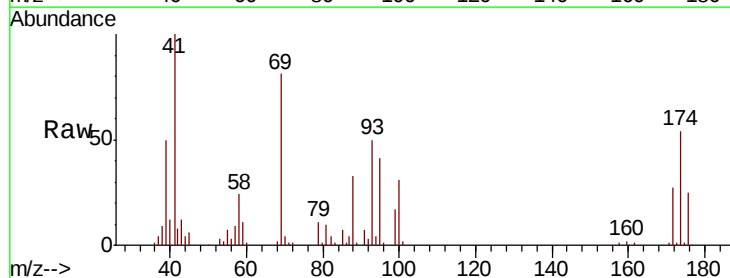
Tgt Ion: 41 Resp: 61184

Ion Ratio Lower Upper

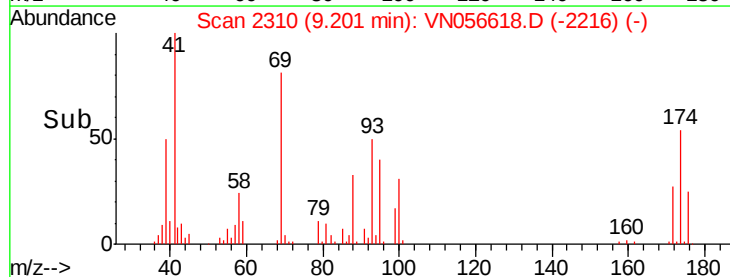
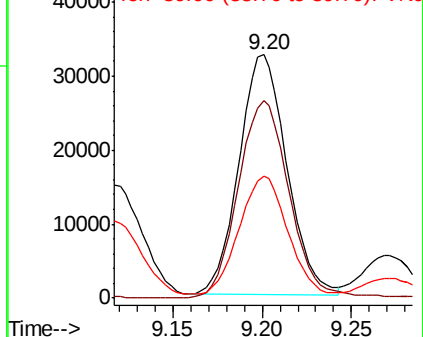
41 100

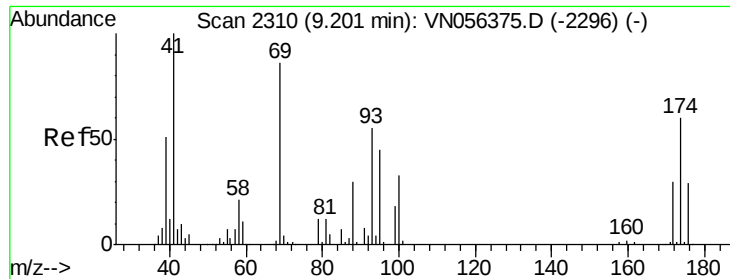
69 87.6 72.6 109.0

39 52.9 42.6 63.8



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





#49

1,4-Dioxane

Concen: 403.965 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

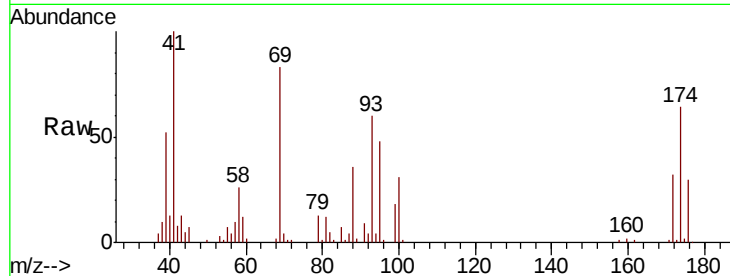
Tot Ion: 88 Resp: 26093

Ion Ratio Lower Upper

88 100

43 28.6 22.0 33.0

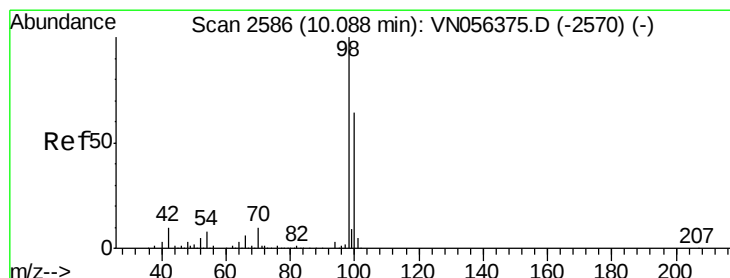
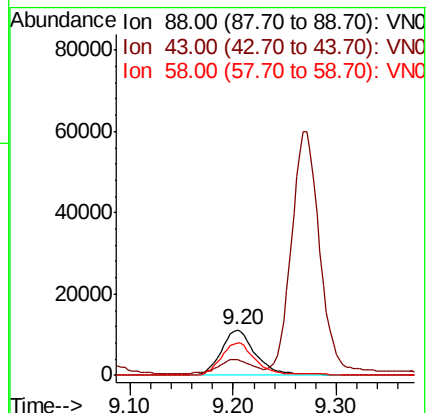
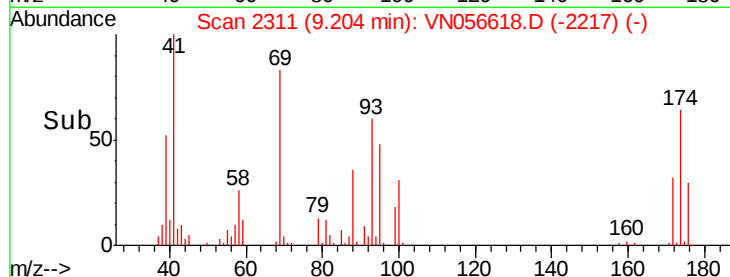
58 69.2 51.8 77.8



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: 45.355 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056618.D

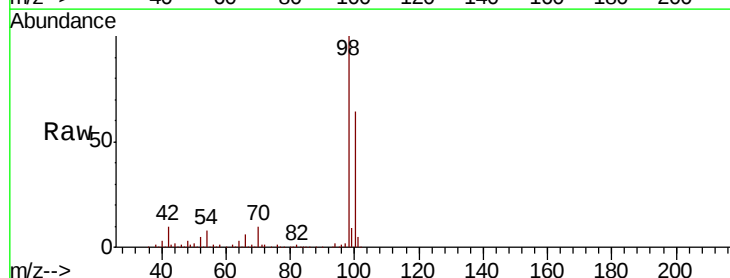
Acq: 8 Jul 2019 18:38

Tgt Ion: 98 Resp: 512688

Ion Ratio Lower Upper

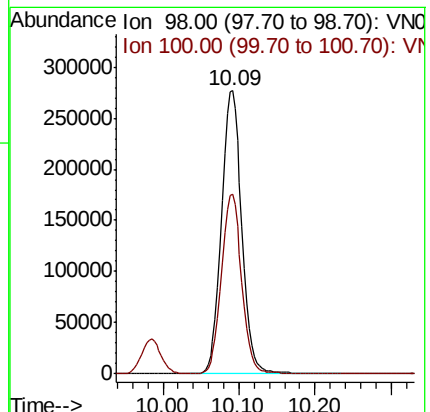
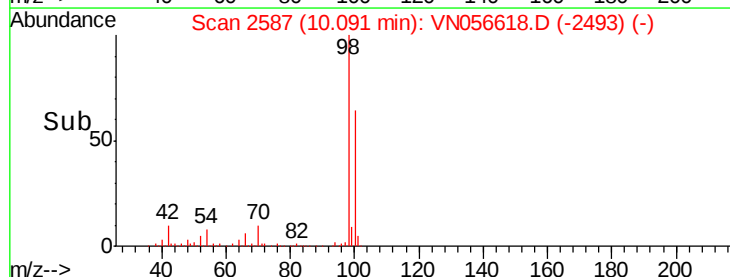
98 100

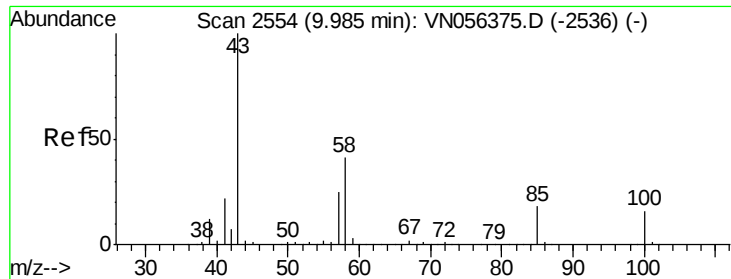
100 63.2 52.2 78.2



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: 105.210 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

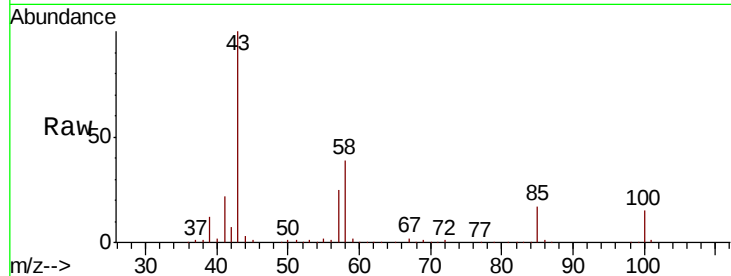
VN0708WBSD01

Tot Ion: 43 Resp: 421779

Ion Ratio Lower Upper

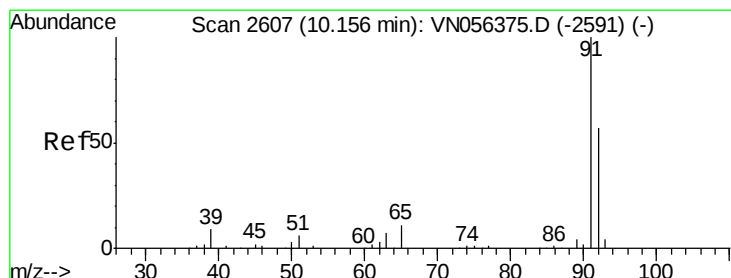
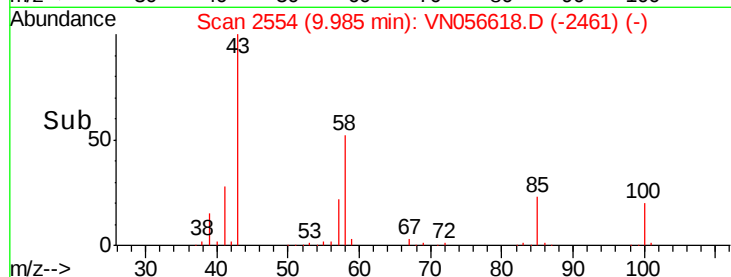
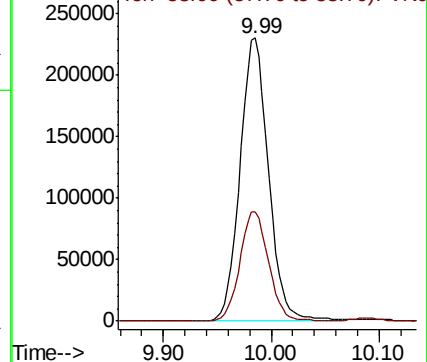
43 100

58 39.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.885 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056618.D

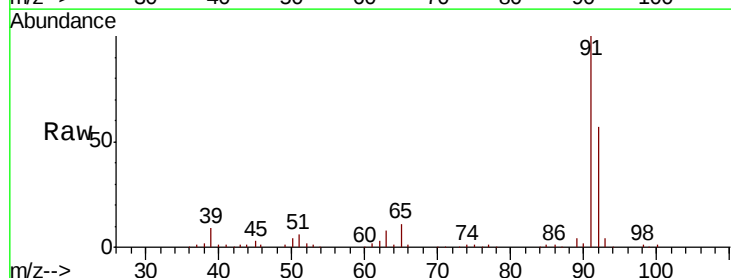
Acq: 8 Jul 2019 18:38

Tgt Ion: 92 Resp: 137865

Ion Ratio Lower Upper

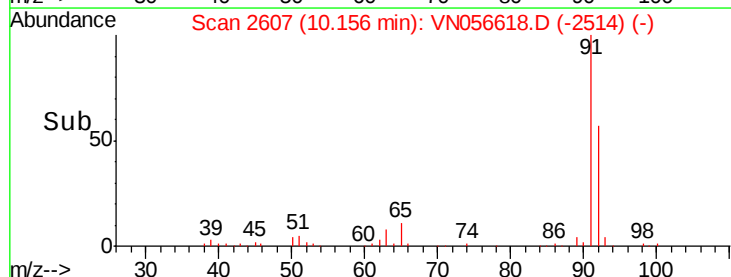
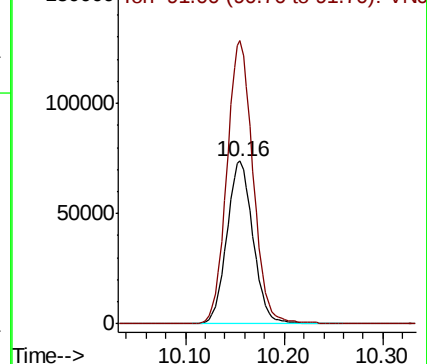
92 100

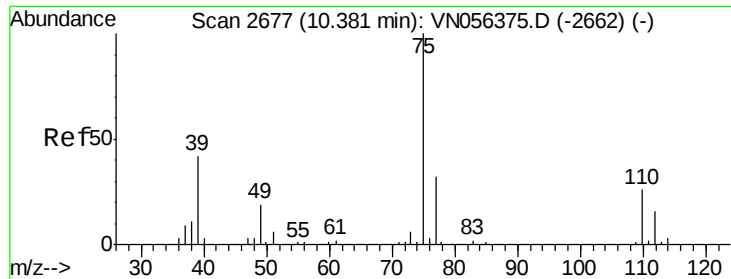
91 173.4 140.6 211.0



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: 19.024 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

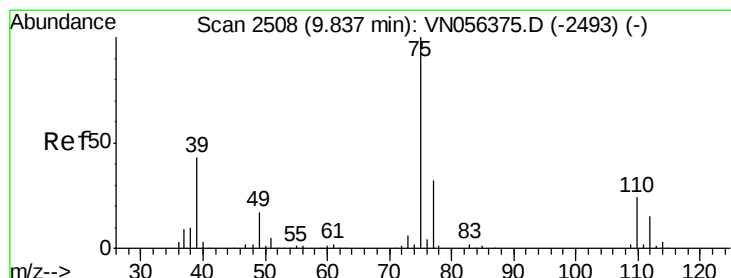
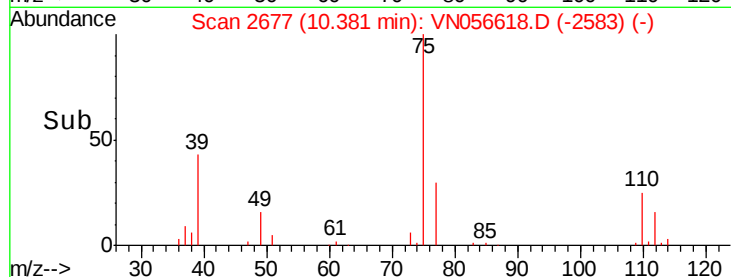
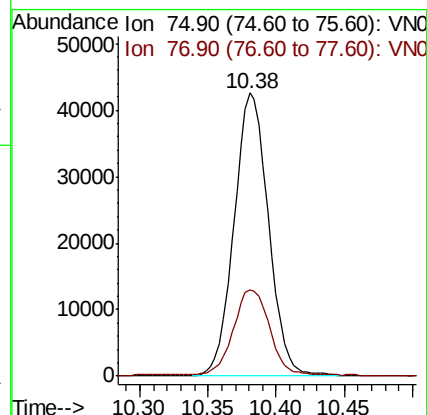
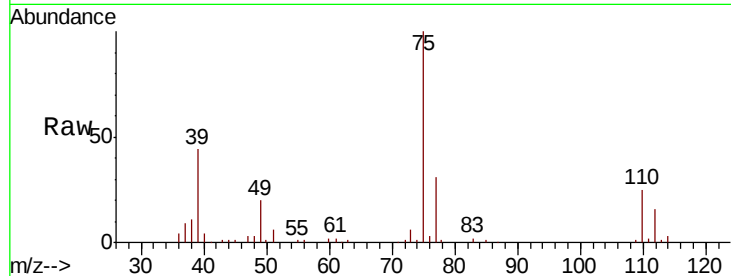
VN0708WBSD01

Tot Ion: 75 Resp: 74617

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.403 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

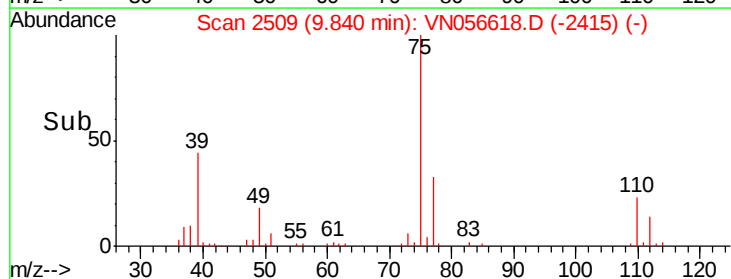
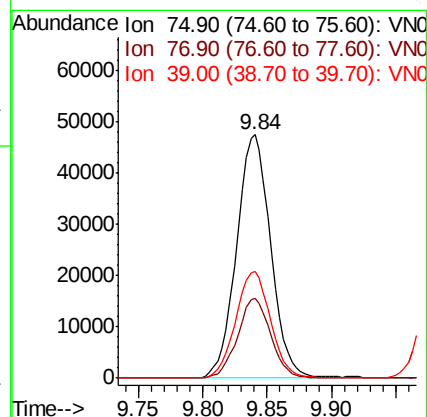
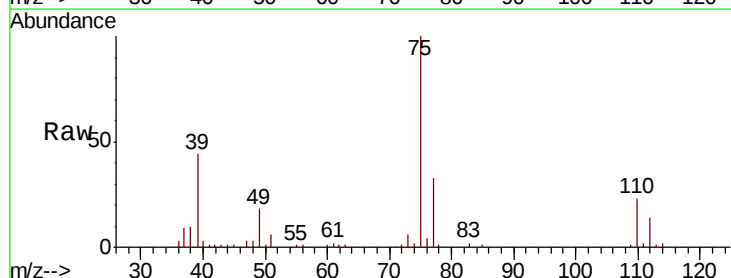
Tgt Ion: 75 Resp: 87420

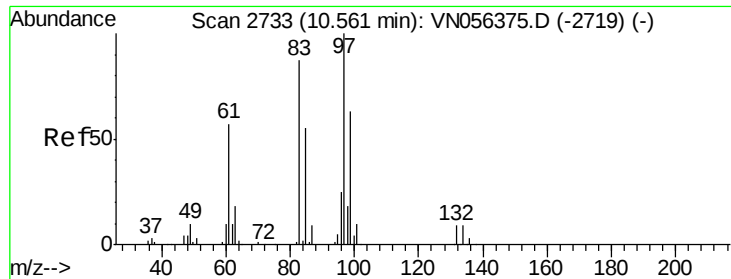
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 44.1 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 19.143 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tot Ion: 97 Resp: 59313

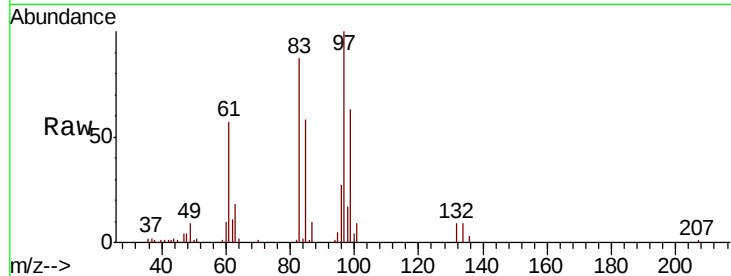
Ion Ratio Lower Upper

97 100

83 87.3 69.8 104.6

85 57.6 43.8 65.8

99 62.9 50.2 75.2

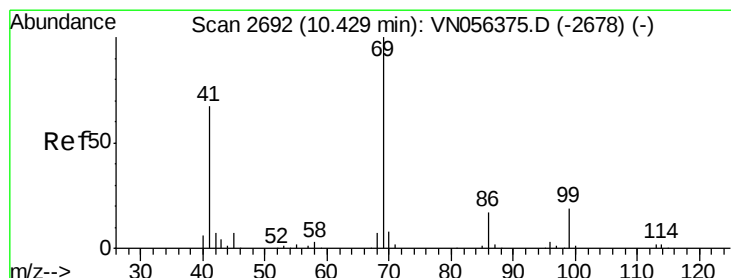
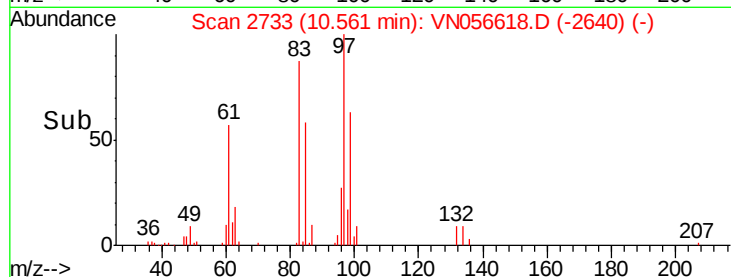
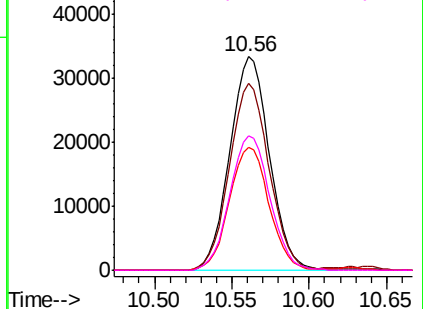


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.766 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

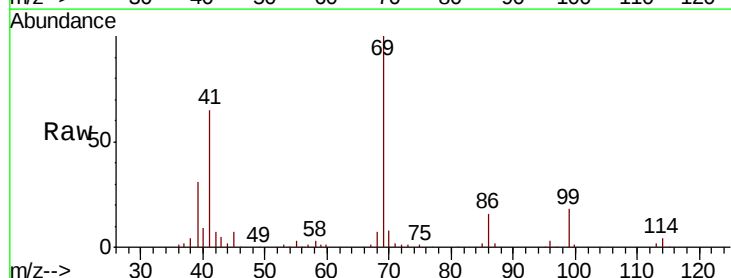
Tgt Ion: 69 Resp: 89502

Ion Ratio Lower Upper

69 100

41 63.8 51.4 77.2

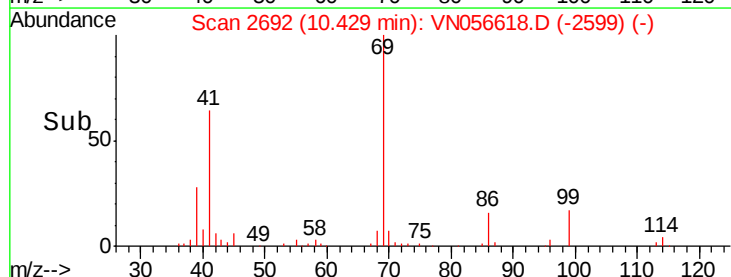
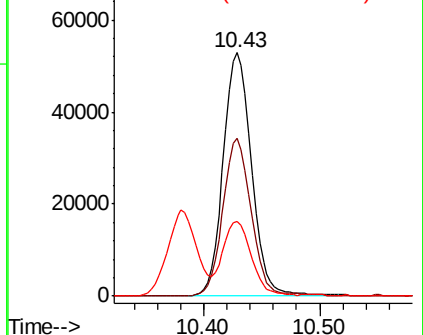
39 30.5 24.7 37.1

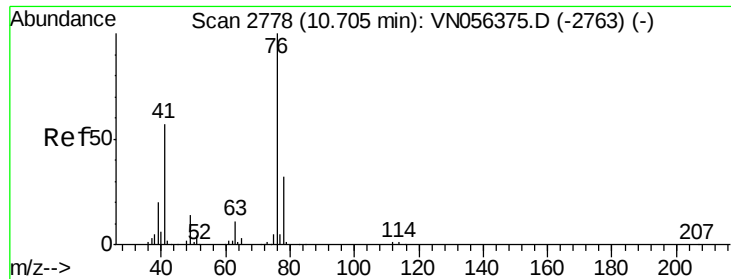


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

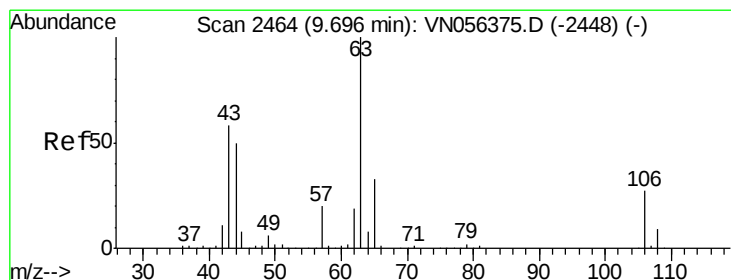
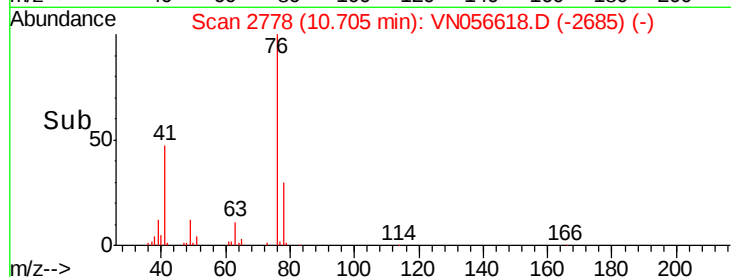
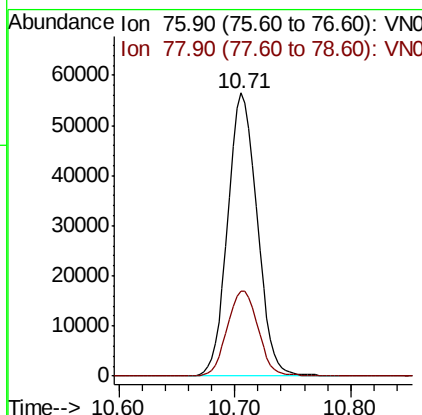
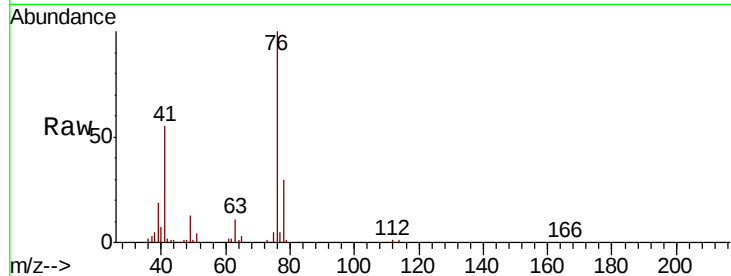




#57
 1,3-Dichloropropane
 Concen: 19.072 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

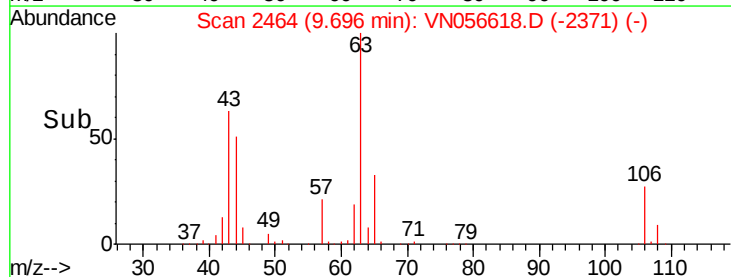
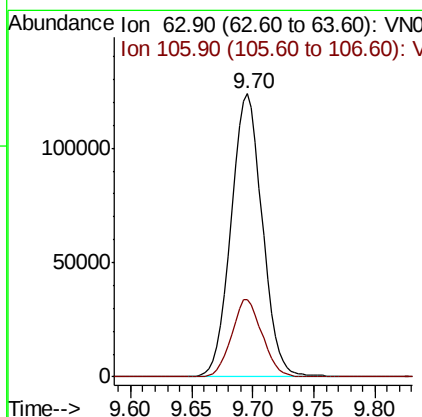
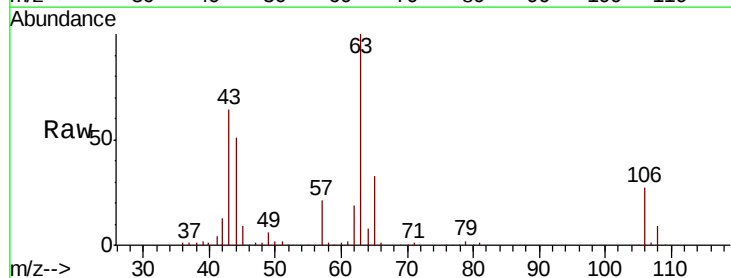
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

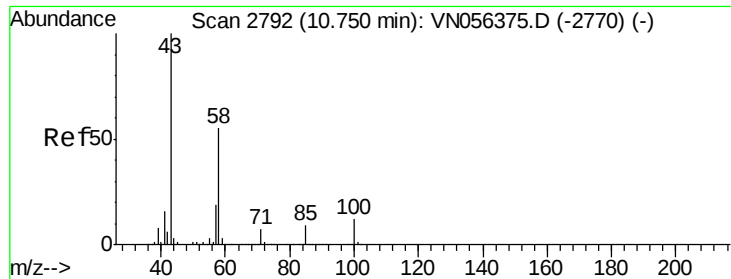
Tot Ion: 76 Resp: 99269
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 135.727 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion: 63 Resp: 220789
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4

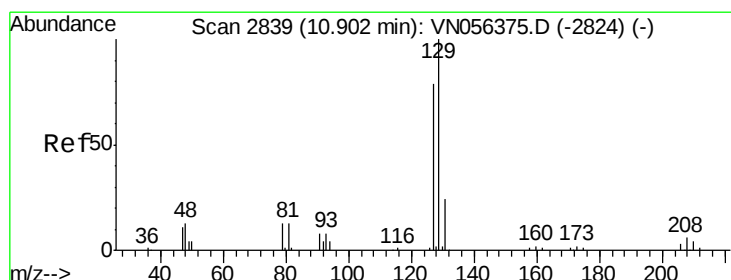
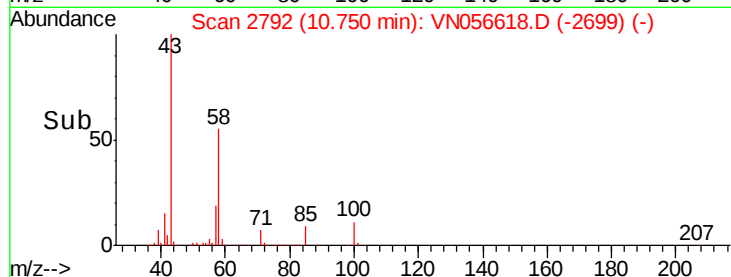
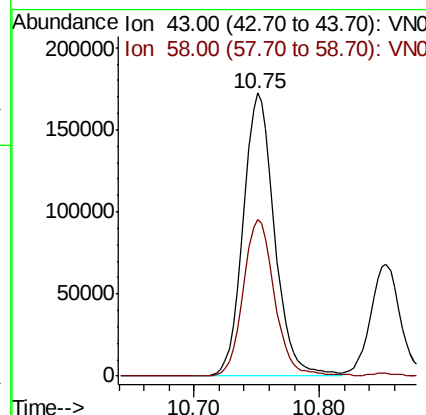
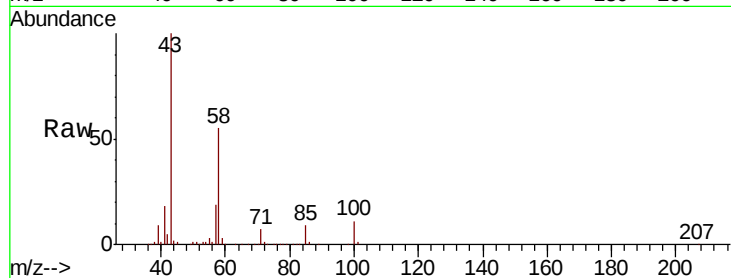




#59
2-Hexanone
Concen: 101.216 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

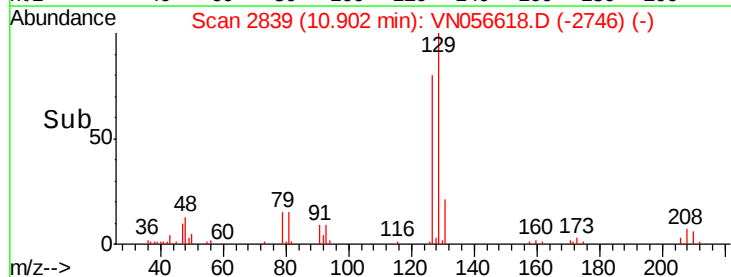
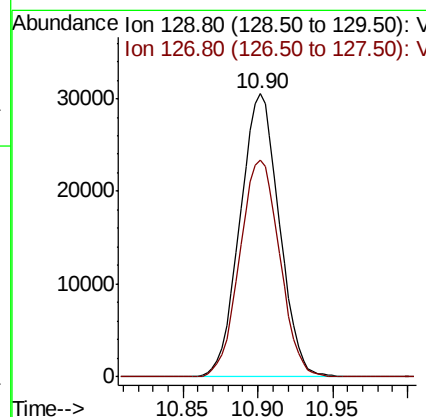
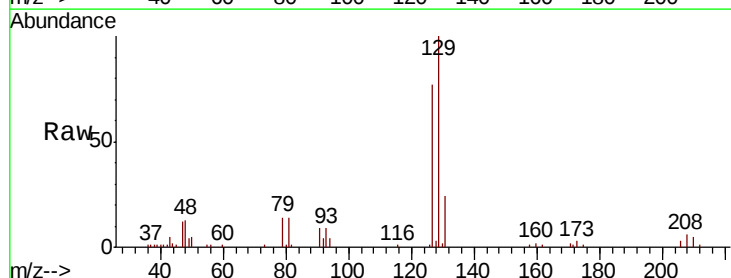
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

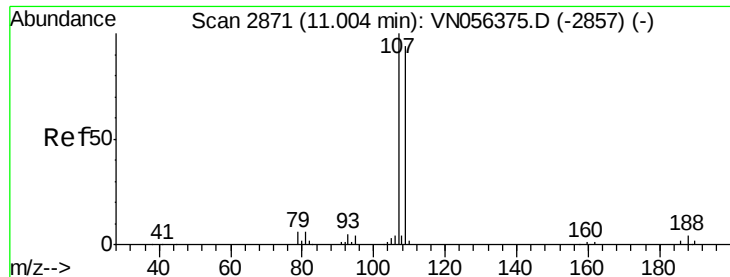
Tot Ion: 43 Resp: 298225
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4



#60
Dibromochloromethane
Concen: 19.044 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 129 Resp: 55718
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.979 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

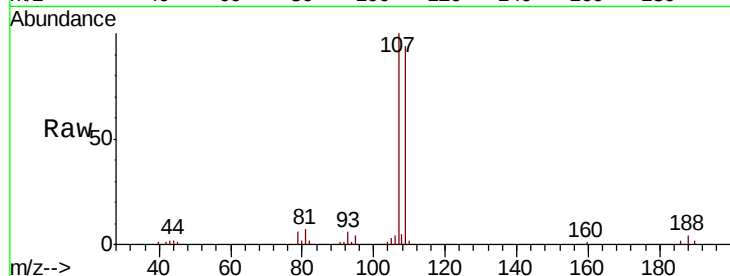
VN0708WBSD01

Tot Ion:107 Resp: 60058

Ion Ratio Lower Upper

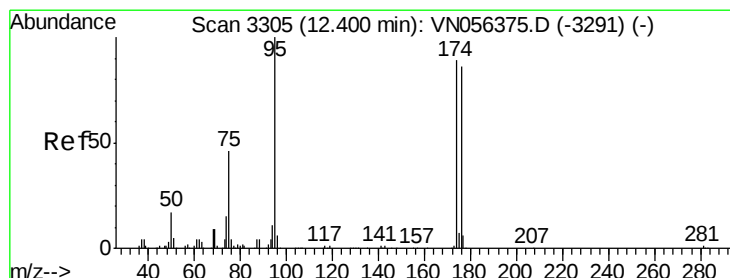
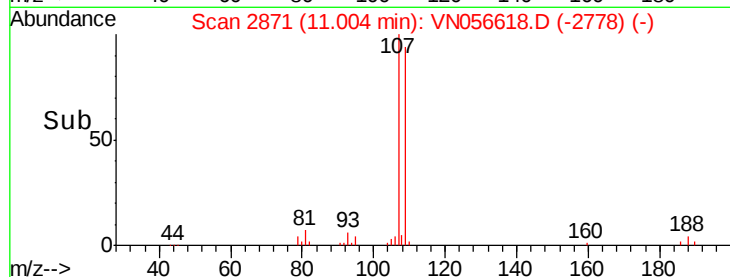
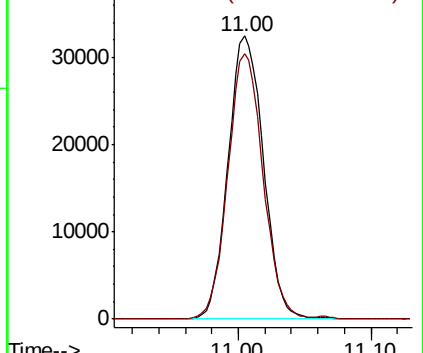
107 100

109 93.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

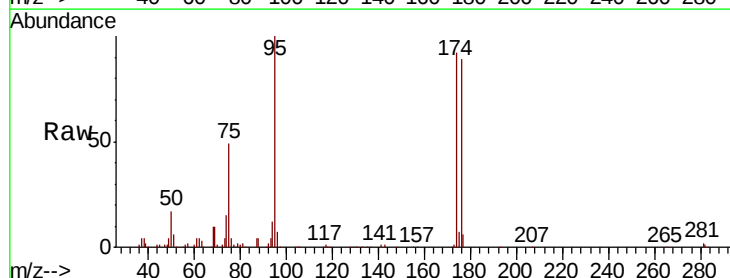
Tgt Ion: 95 Resp: 170564

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

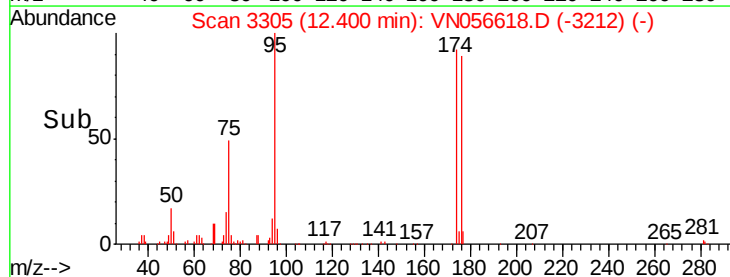
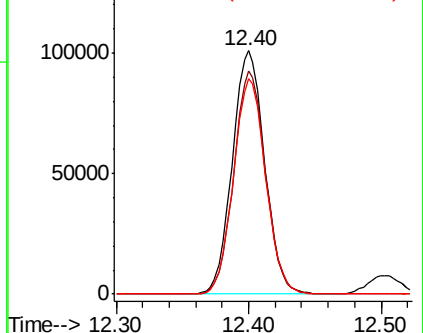
176 88.1 0.0 173.4

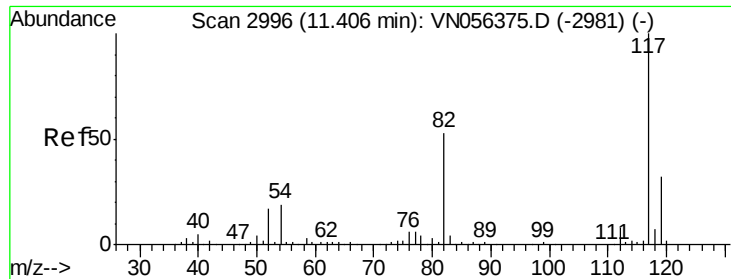


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

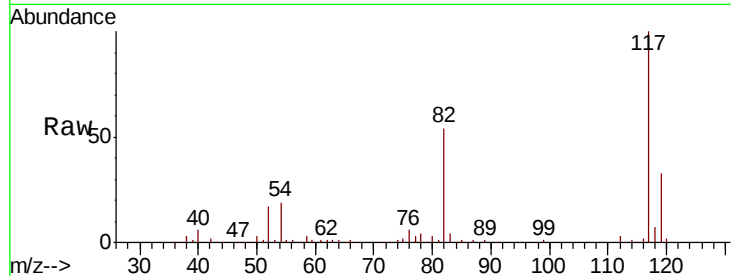




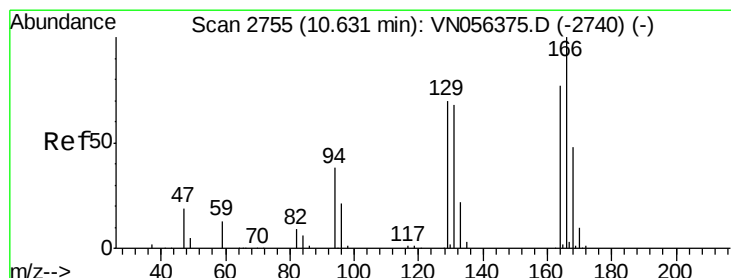
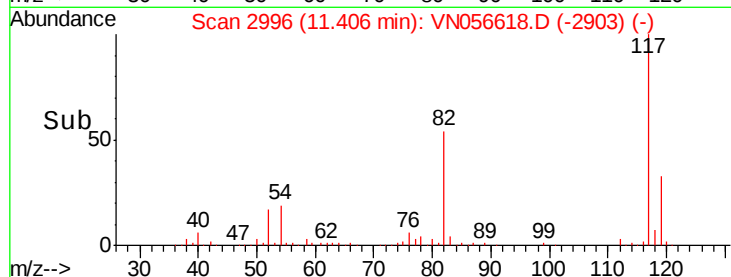
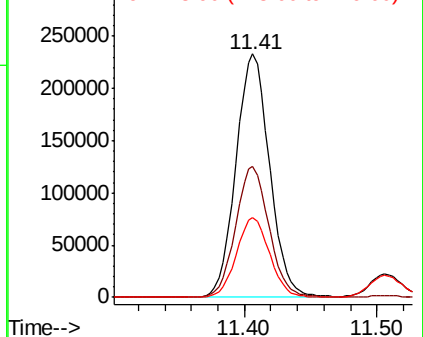
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tot Ion:117 Resp: 410609
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 32.8 25.3 37.9

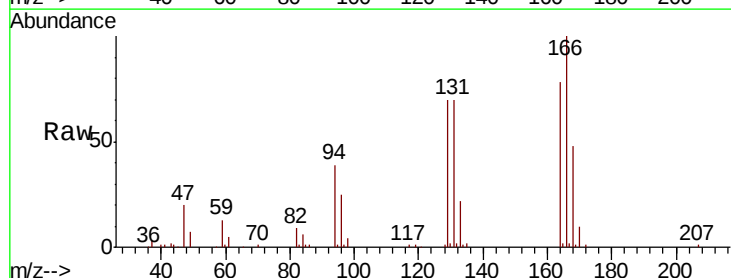


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

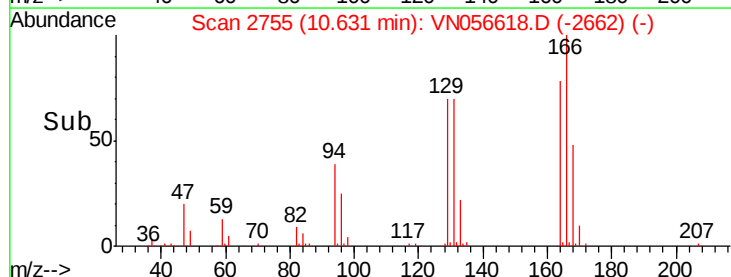
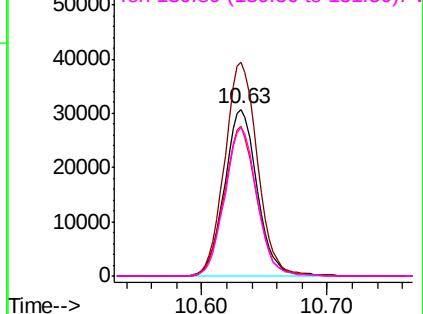


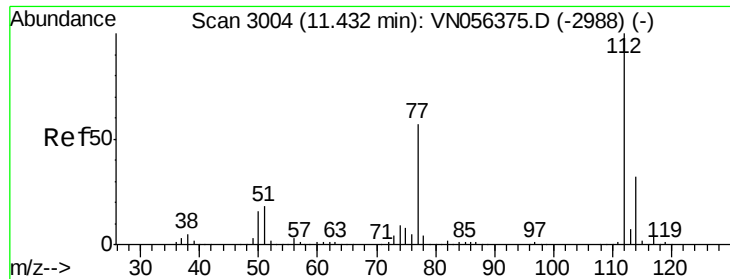
#64
Tetrachloroethene
Concen: 17.031 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion:164 Resp: 55381
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 89.5 72.0 108.0
131 89.3 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

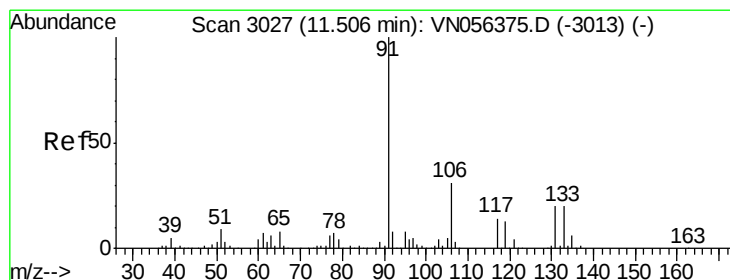
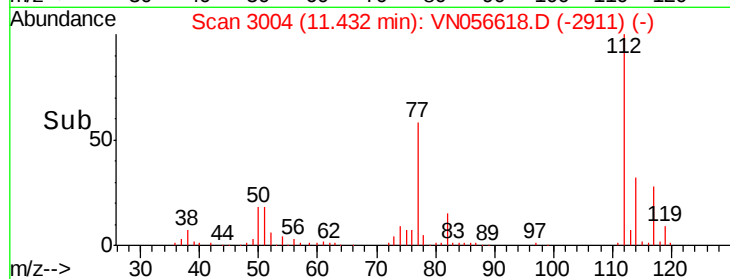
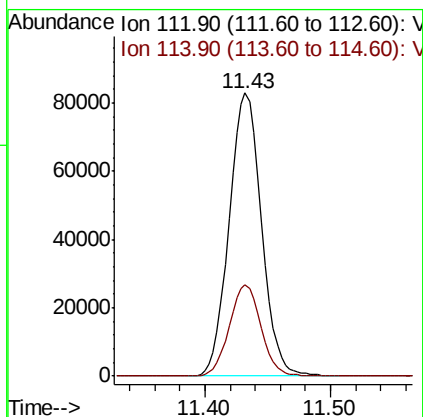
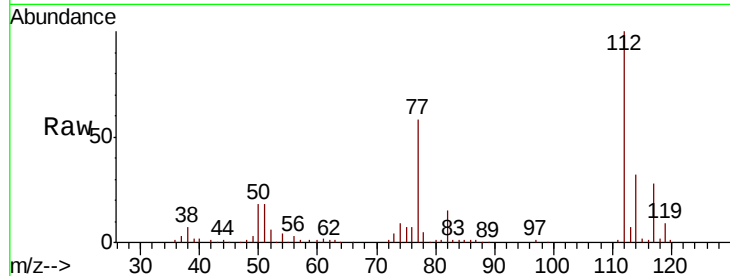




#65
Chlorobenzene
Concen: 17.991 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

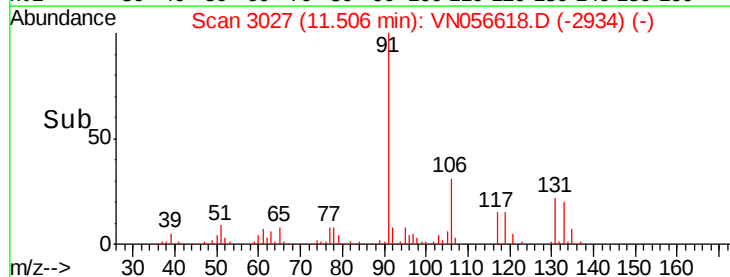
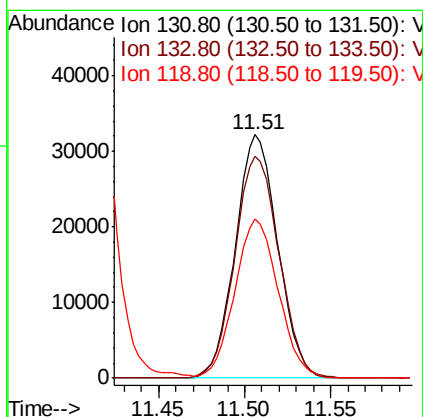
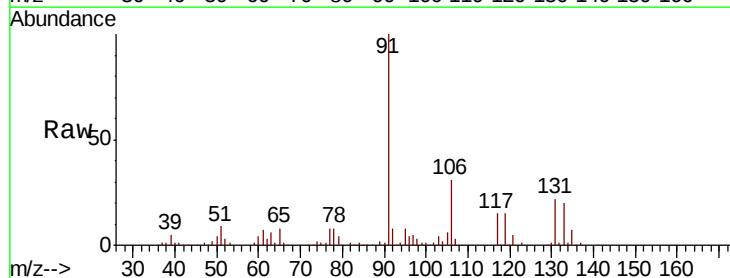
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

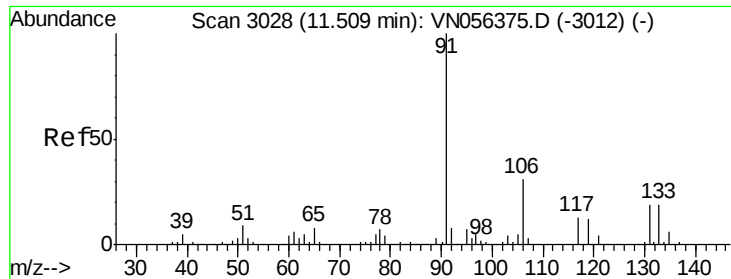
Tot Ion:112 Resp: 148437
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.683 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion:131 Resp: 54887
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 67.2 32.8 98.4

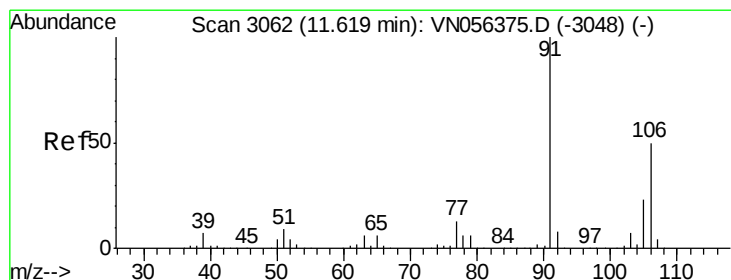
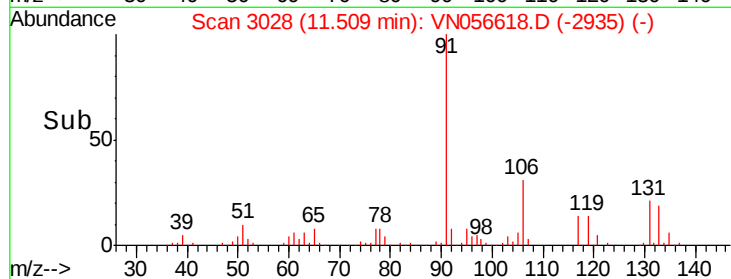
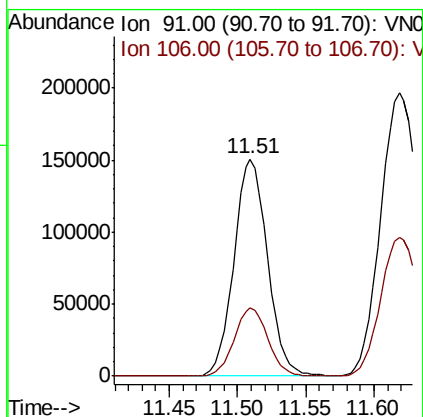
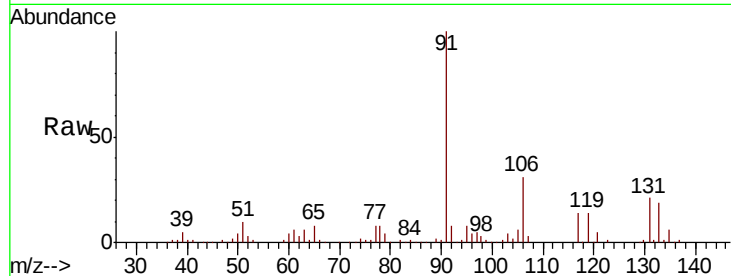




#67
Ethyl Benzene
Concen: 17.741 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

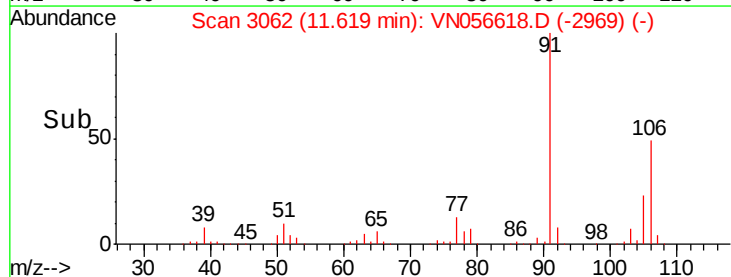
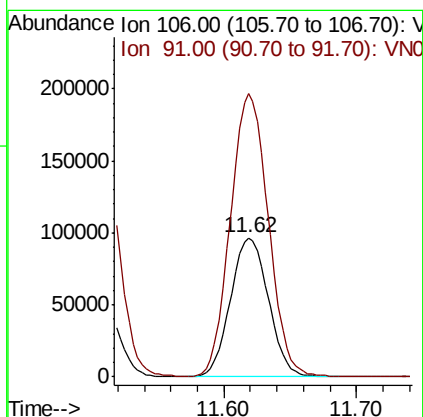
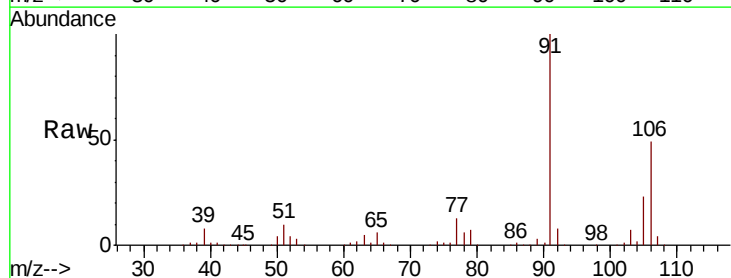
Instrument :
MSVOA_N
ClientSampled :
VN0708WBSD01

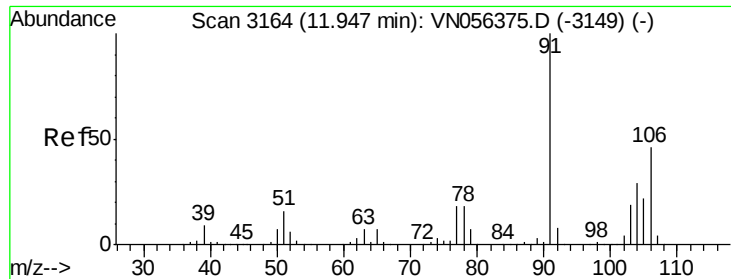
Tot Ion: 91 Resp: 257016
Ion Ratio Lower Upper
91 100
106 31.3 25.1 37.7



#68
m/p-Xylenes
Concen: 36.133 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 106 Resp: 191833
Ion Ratio Lower Upper
106 100
91 203.5 160.1 240.1

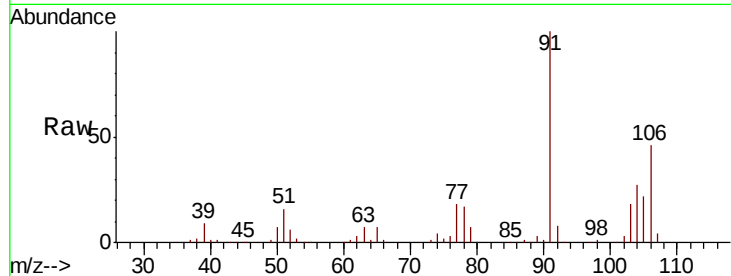




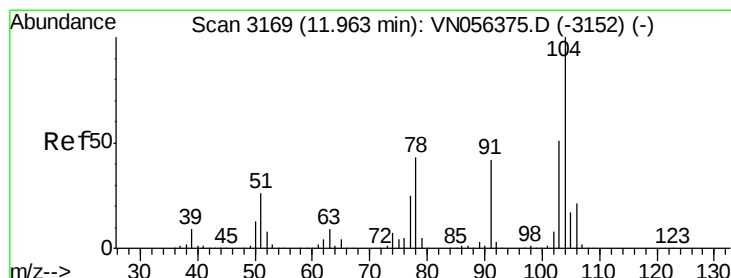
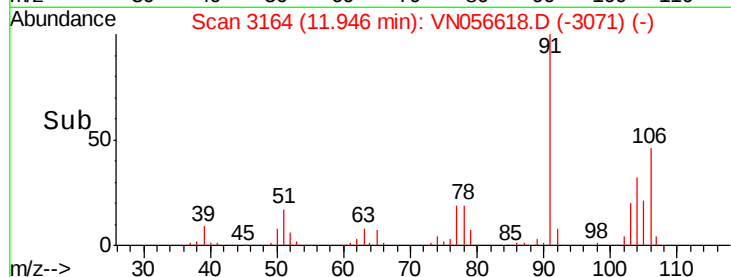
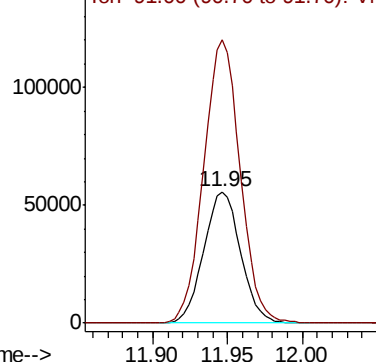
#69
o-Xylene
Concen: 18.237 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Instrument :
MSVOA_N
ClientSampled :
VN0708WBSD01

Tot Ion:106 Resp: 95792
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.3

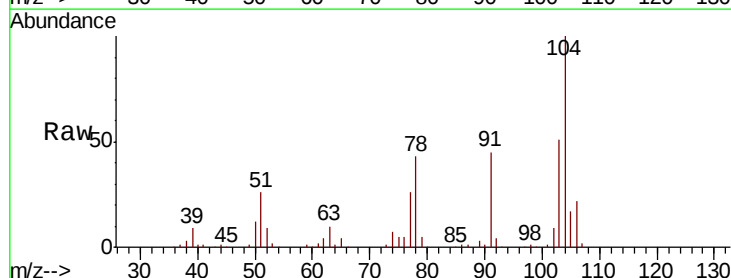


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

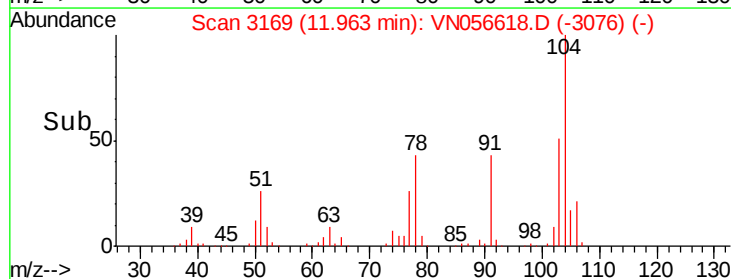
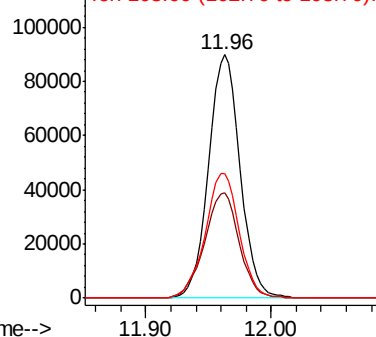


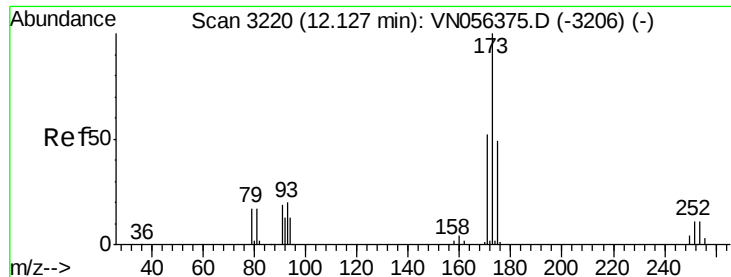
#70
Styrene
Concen: 18.745 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion:104 Resp: 157377
Ion Ratio Lower Upper
104 100
78 47.6 38.6 57.8
103 55.3 43.9 65.9



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

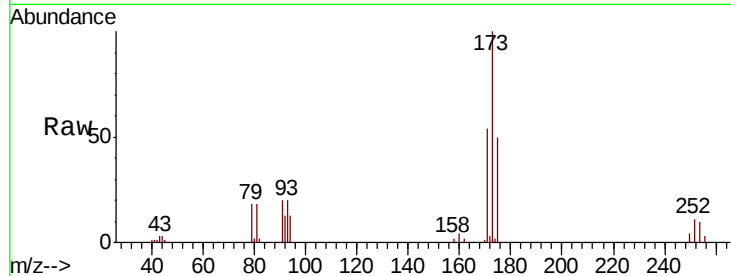




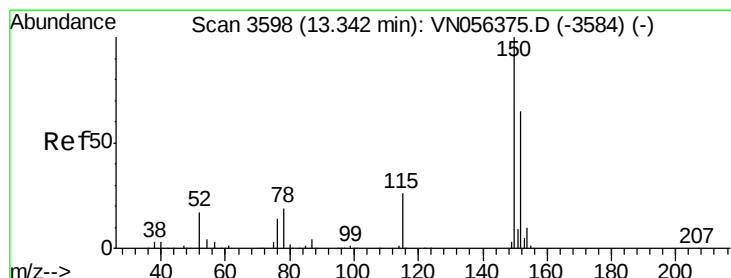
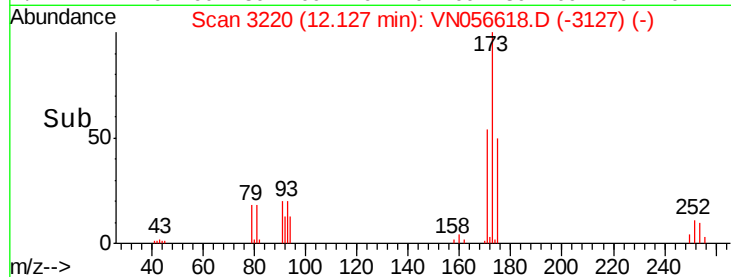
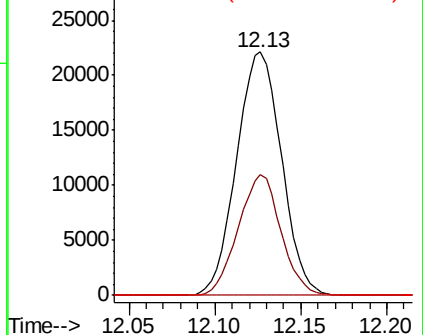
#71
 Bromoform
 Concen: 19.847 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Tot Ion:173 Resp: 40099
 Ion Ratio Lower Upper
 173 100
 175 46.9 24.4 73.4
 254 0.0 0.0 0.0

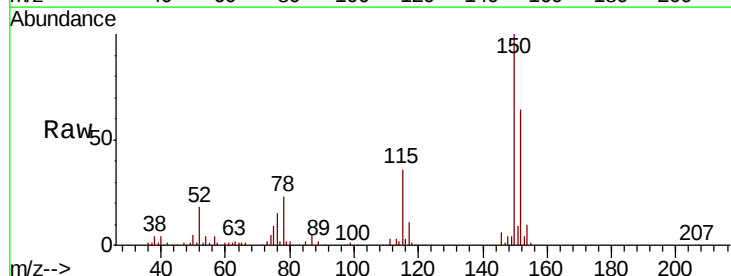


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

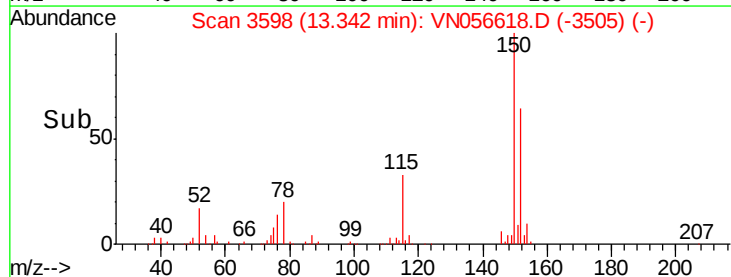
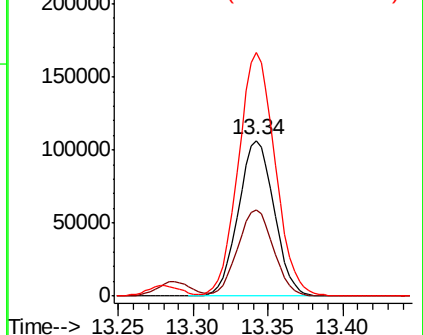


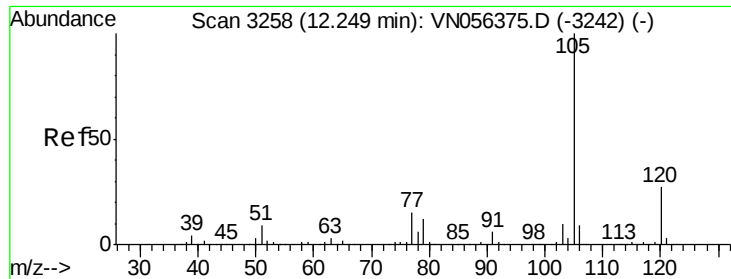
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion:152 Resp: 177291
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.4
 150 161.7 0.0 348.4



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: 17.071 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

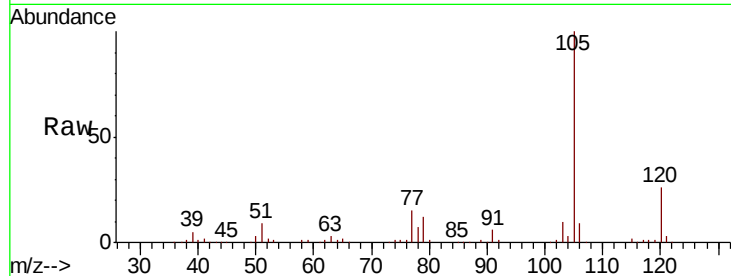
VN0708WBSD01

Tot Ion:105 Resp: 250893

Ion Ratio Lower Upper

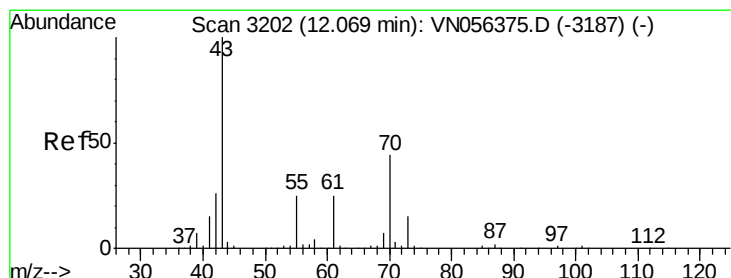
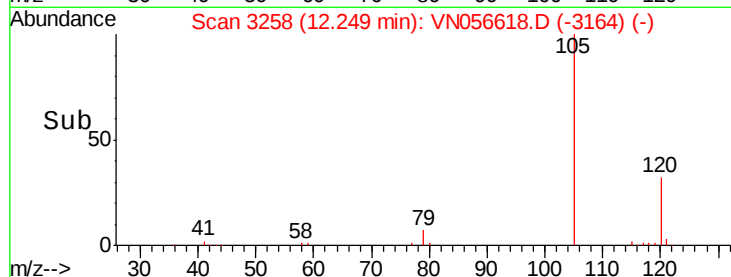
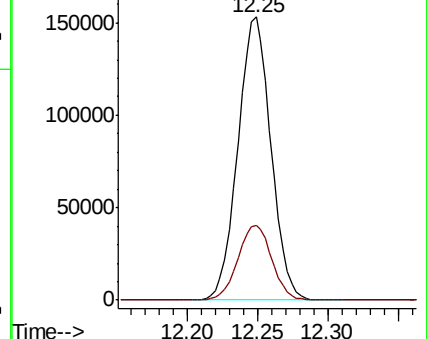
105 100

120 27.0 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.622 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Tgt Ion: 43 Resp: 99431

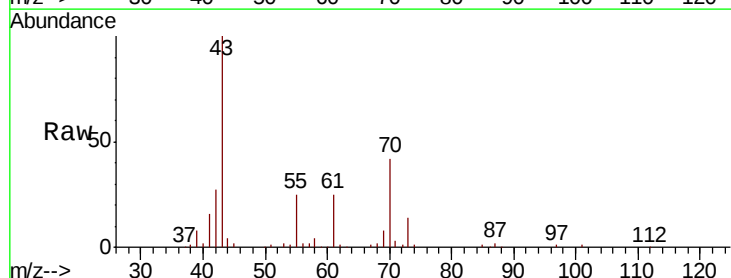
Ion Ratio Lower Upper

43 100

70 42.6 34.9 52.3

55 26.1 20.4 30.6

61 25.3 19.8 29.8

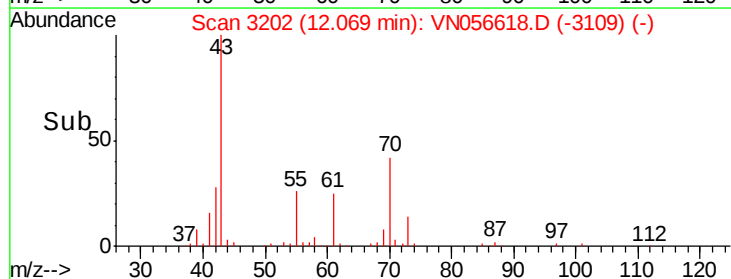
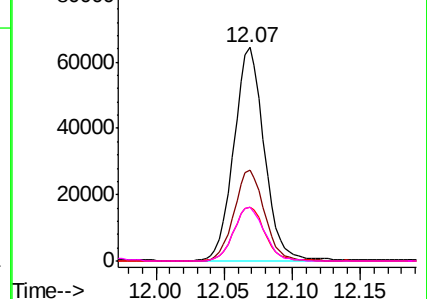


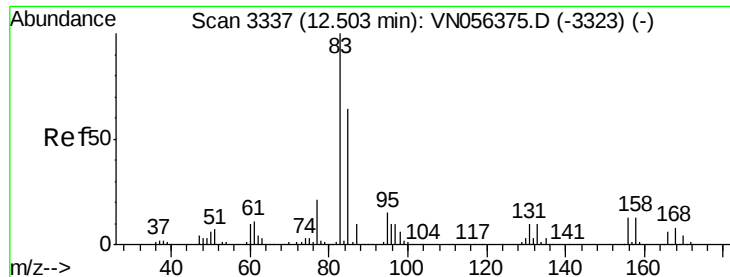
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.471 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

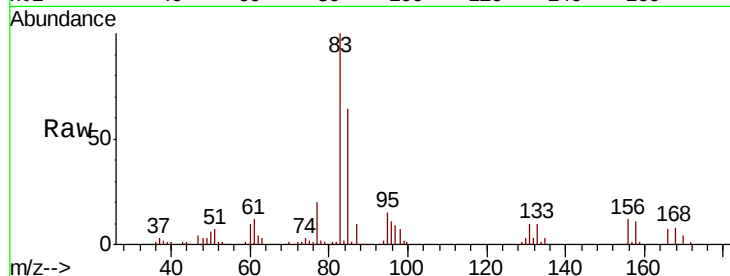
Tot Ion: 83 Resp: 88010

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

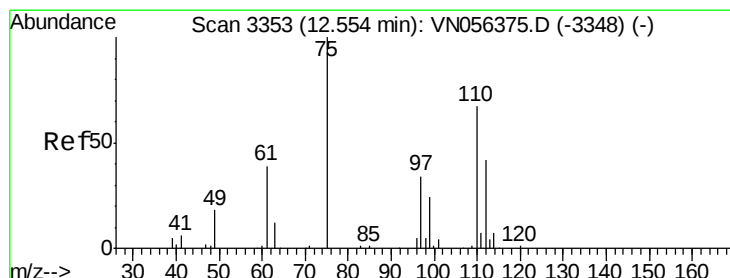
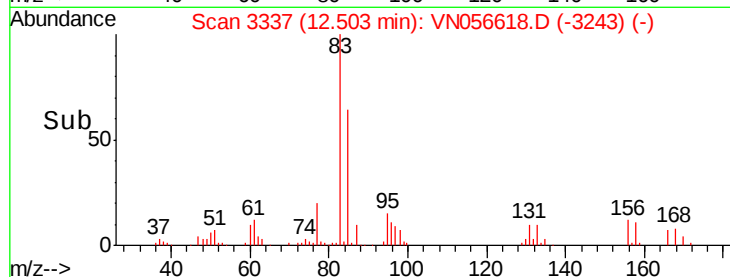
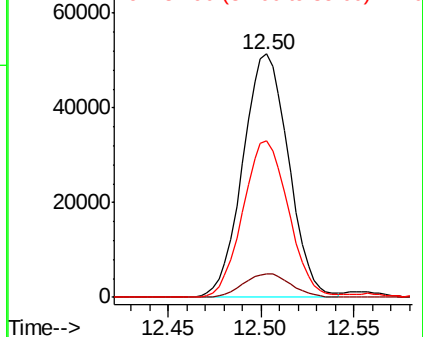
85 63.9 32.4 97.0



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: 27.638 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056618.D

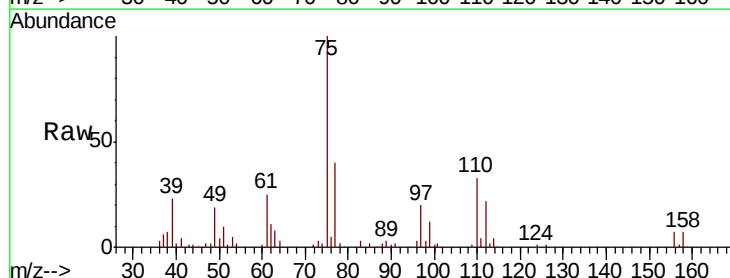
Acq: 8 Jul 2019 18:38

Tgt Ion: 75 Resp: 101600

Ion Ratio Lower Upper

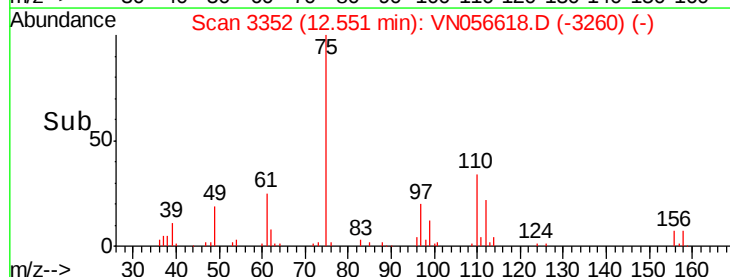
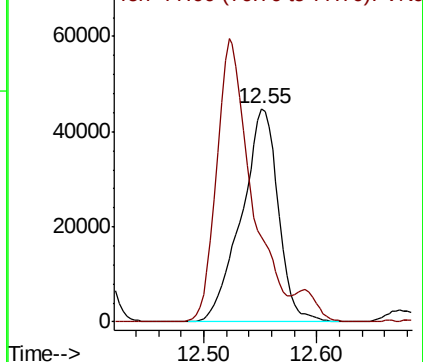
75 100

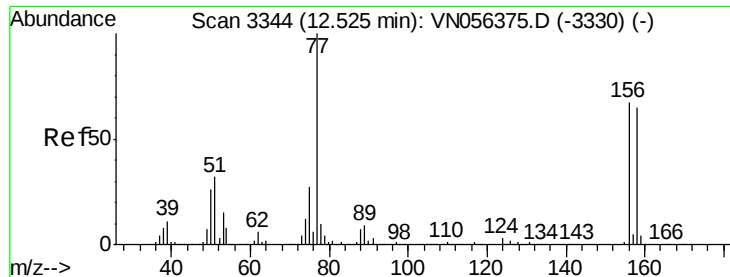
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 16.577 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

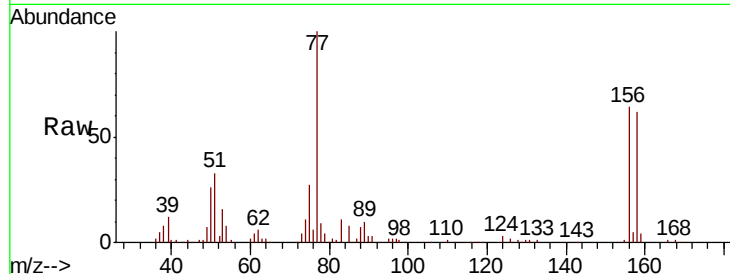
Tot Ion:156 Resp: 65716

Ion Ratio Lower Upper

156 100

77 193.5 92.5 277.3

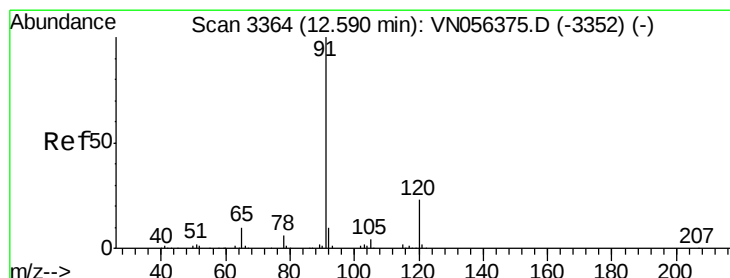
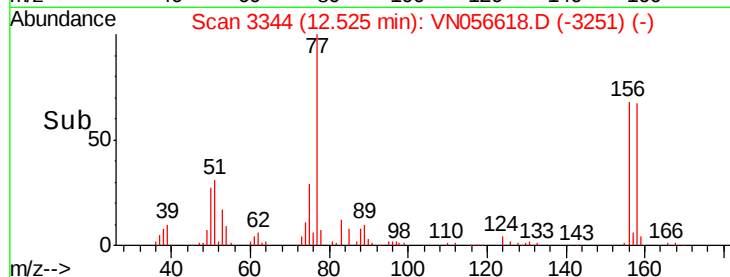
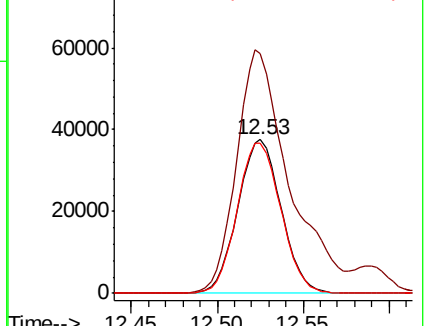
158 98.3 48.7 146.1



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: 16.865 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056618.D

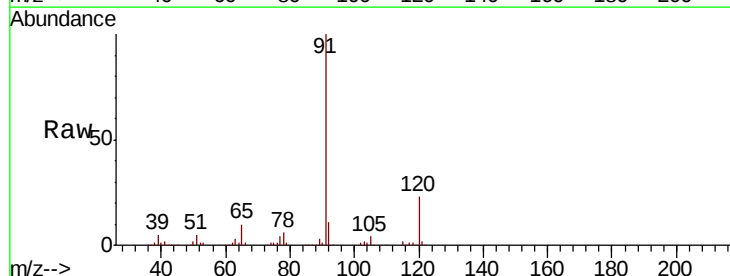
Acq: 8 Jul 2019 18:38

Tgt Ion: 91 Resp: 273815

Ion Ratio Lower Upper

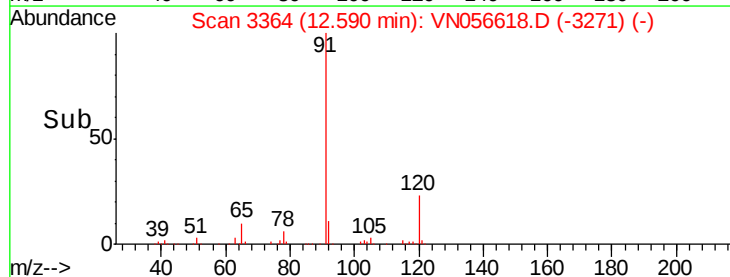
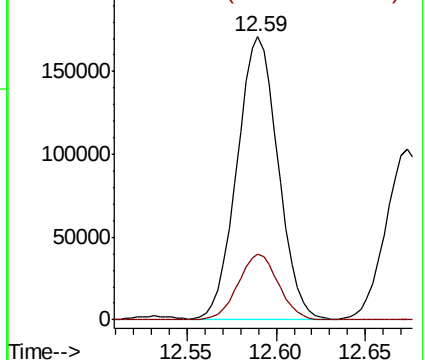
91 100

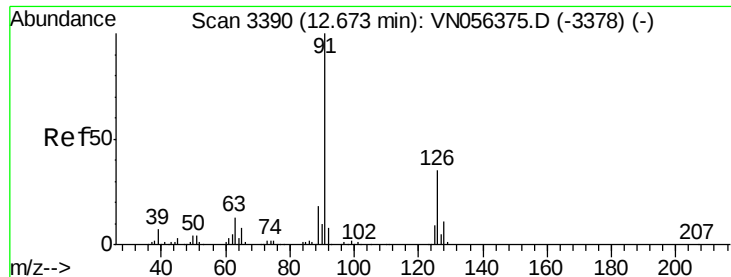
120 23.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.555 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

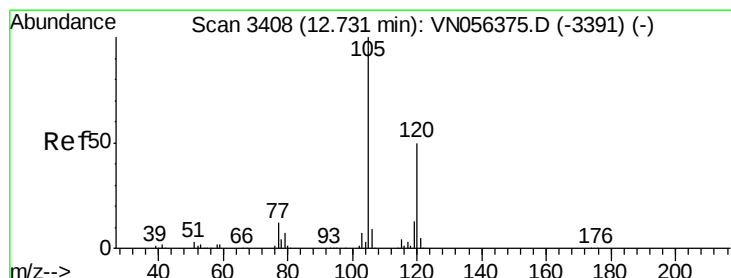
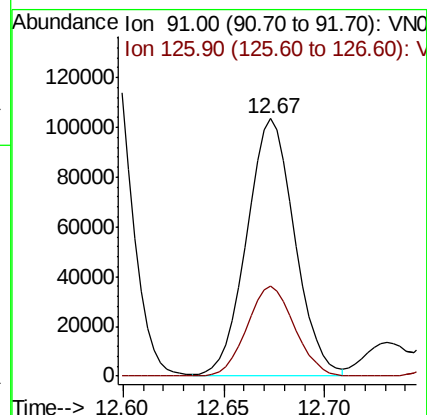
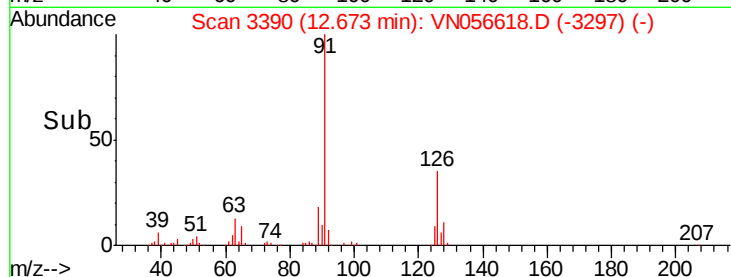
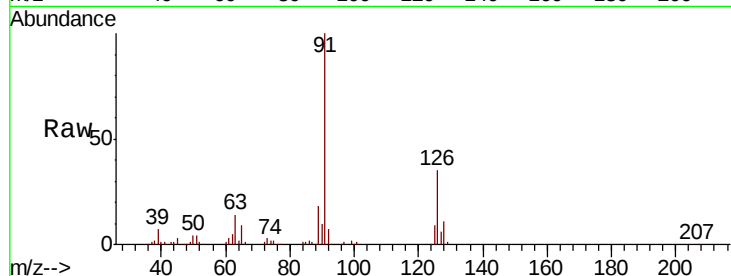
VN0708WBSD01

Tot Ion: 91 Resp: 170901

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 17.242 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056618.D

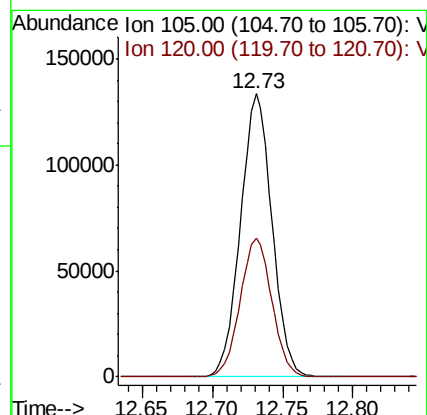
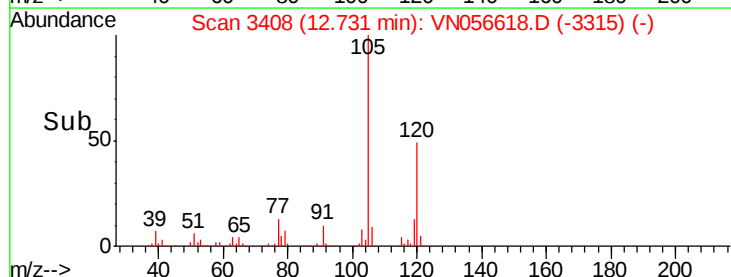
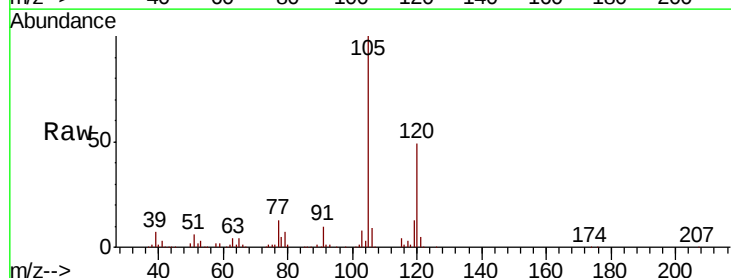
Acq: 8 Jul 2019 18:38

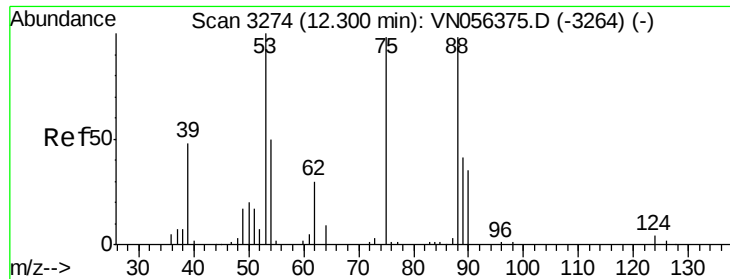
Tgt Ion: 105 Resp: 208899

Ion Ratio Lower Upper

105 100

120 49.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.077 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

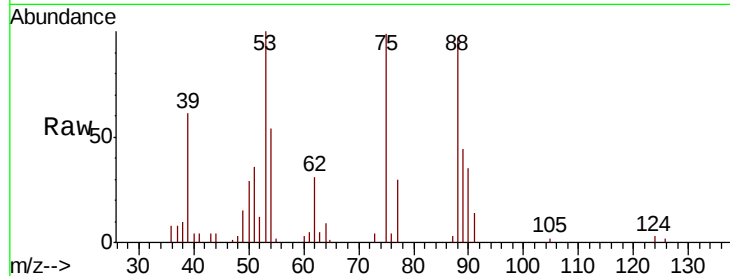
Tot Ion: 75 Resp: 20766

Ion Ratio Lower Upper

75 100

53 102.0 83.9 125.9

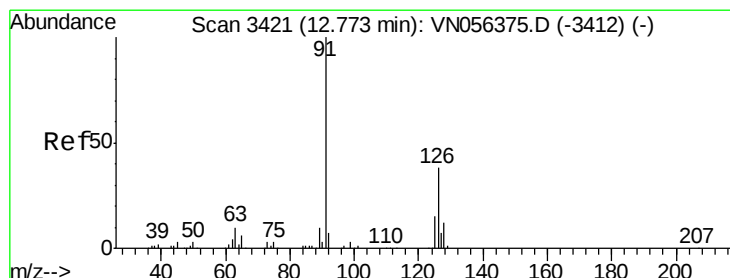
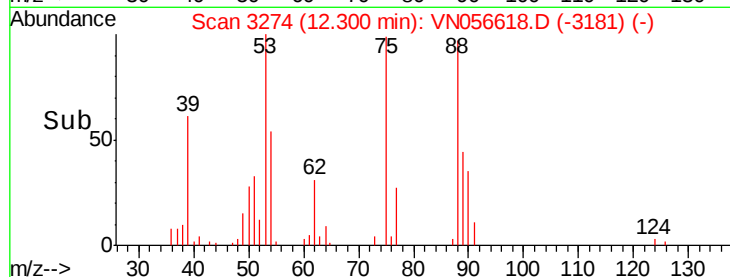
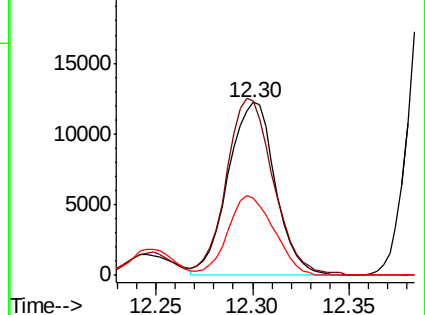
89 44.6 35.0 52.6



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: 16.854 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056618.D

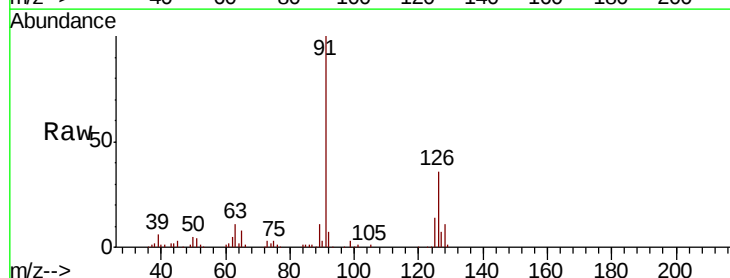
Acq: 8 Jul 2019 18:38

Tgt Ion: 91 Resp: 161561

Ion Ratio Lower Upper

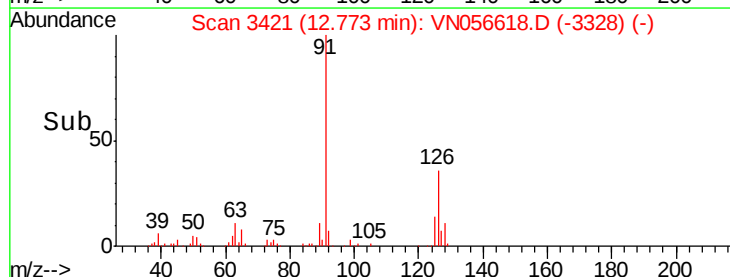
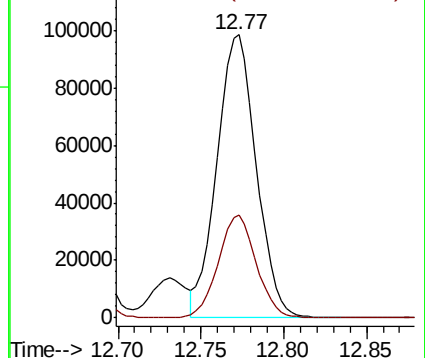
91 100

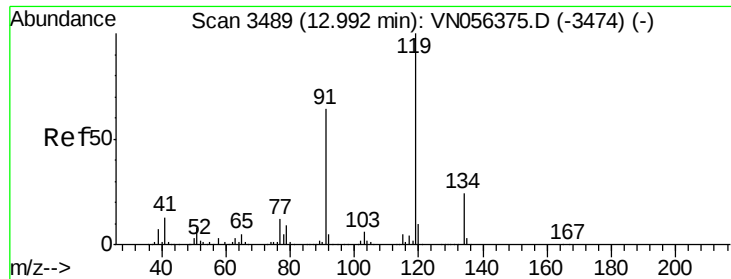
126 35.3 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

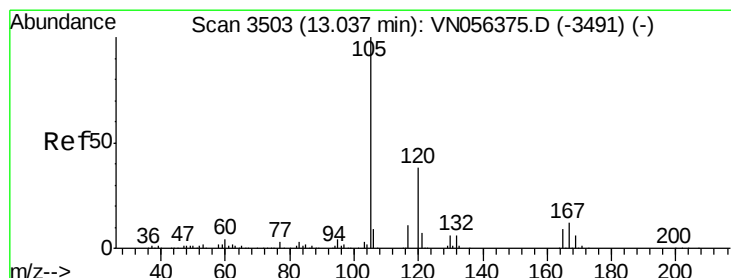
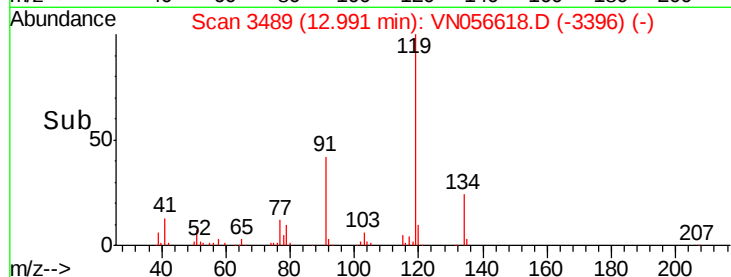
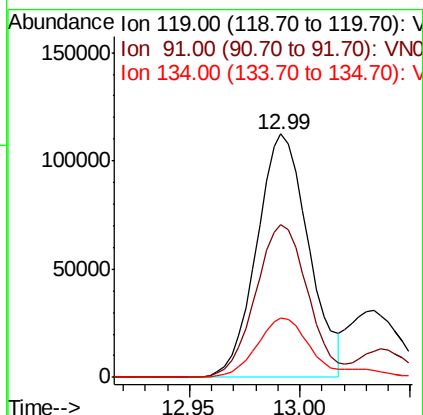
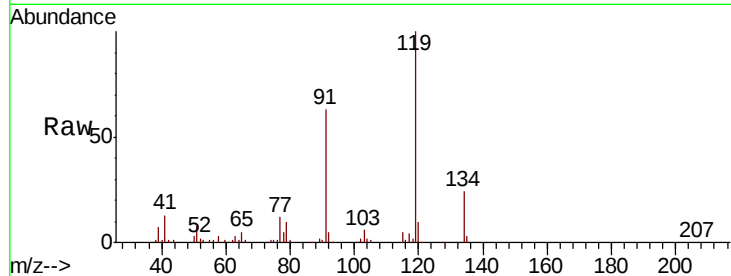




#83
 tert-Butylbenzene
 Concen: 16.976 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

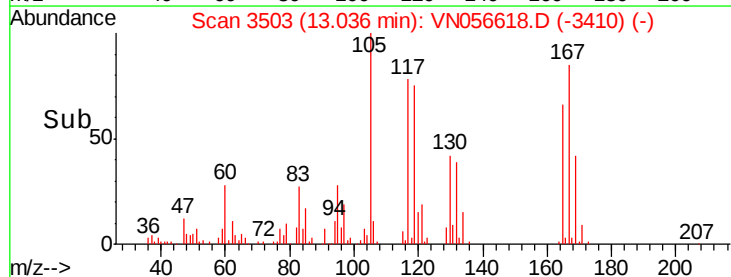
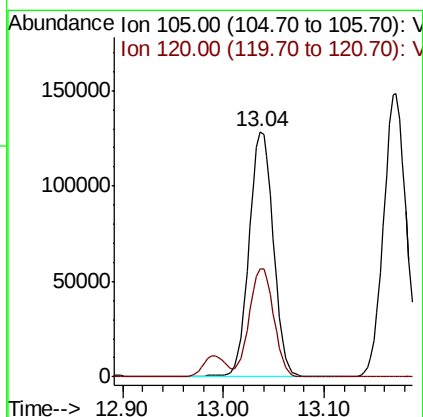
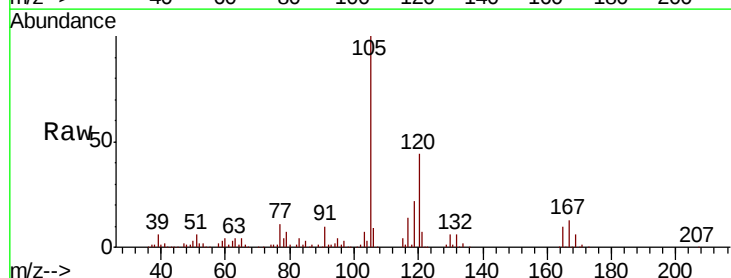
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBSD01

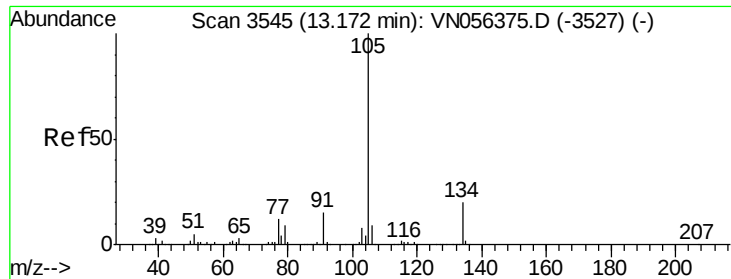
Tot Ion:119 Resp: 182772
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 94.7
 134 27.0 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.741 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion:105 Resp: 211739
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 16.532 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

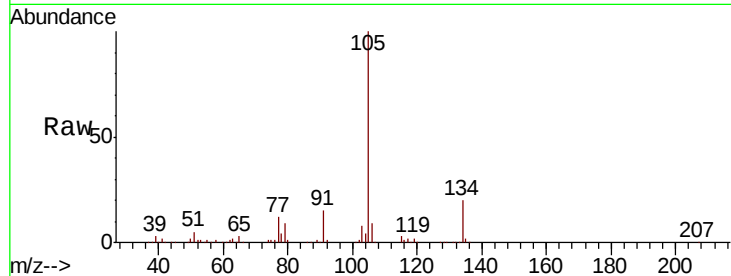
VN0708WBSD01

Tot Ion:105 Resp: 235908

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

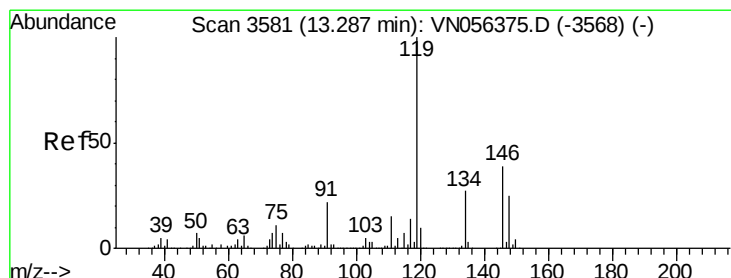
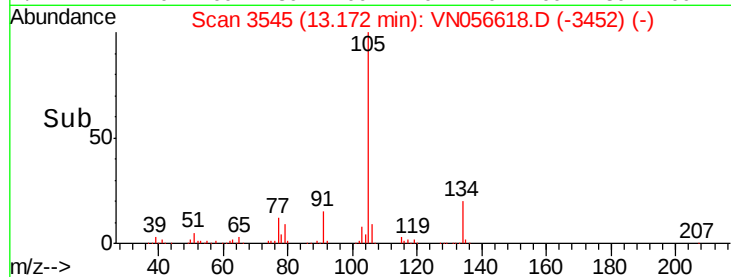
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.354 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

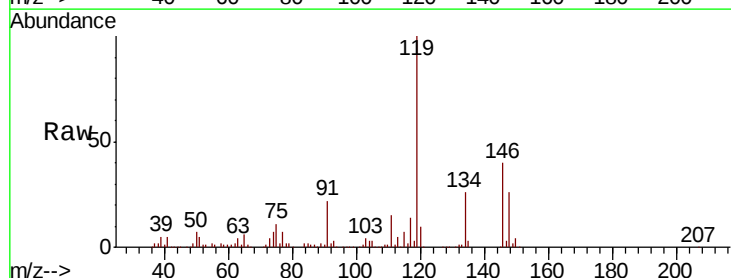
Tgt Ion:119 Resp: 212528

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

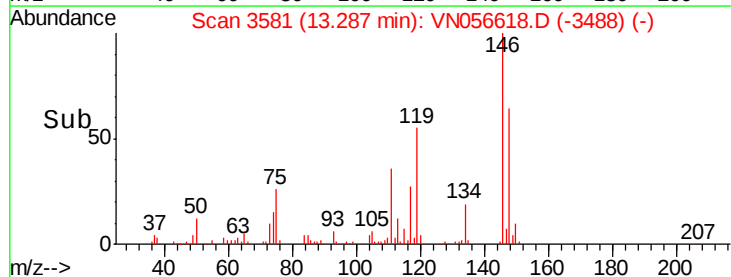
150000

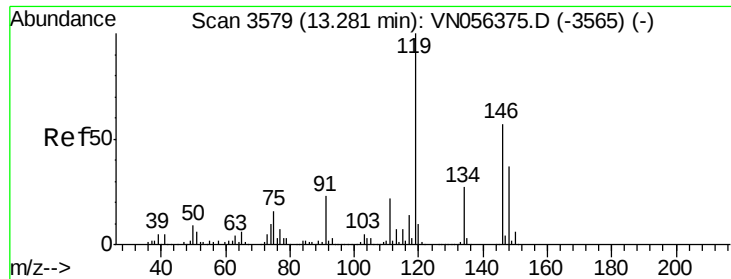
100000

50000

0

Time-->

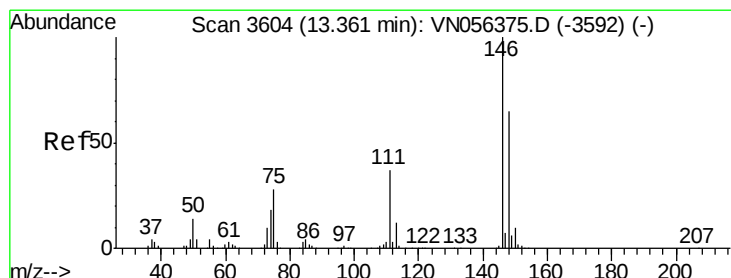
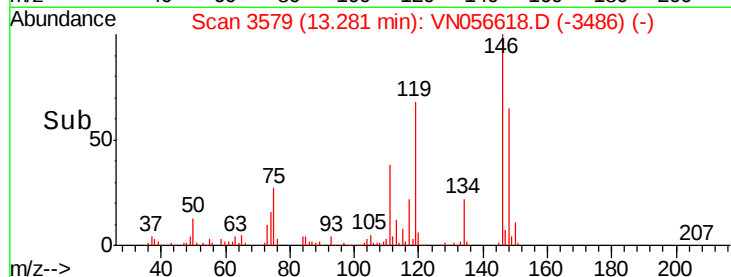
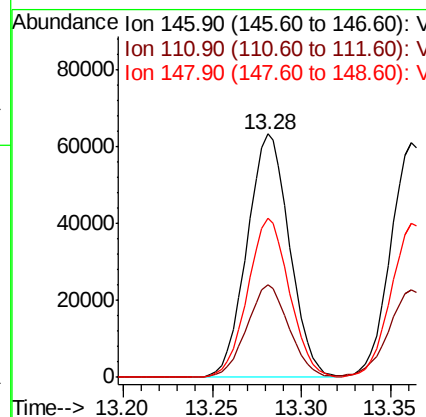
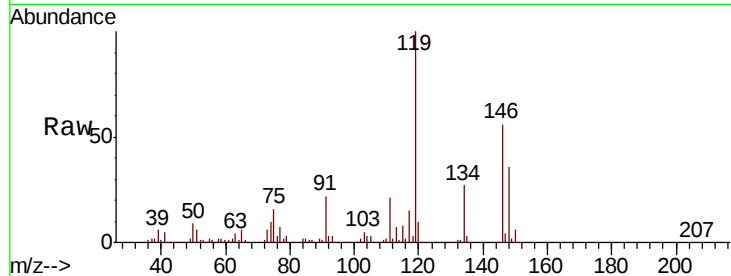




#87
 1,3-Dichlorobenzene
 Concen: 17.539 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

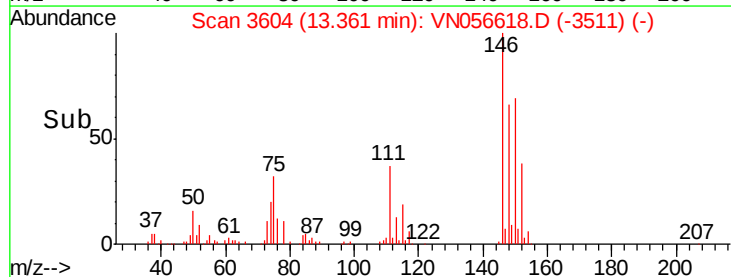
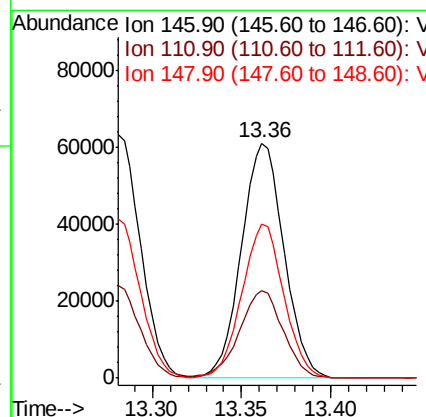
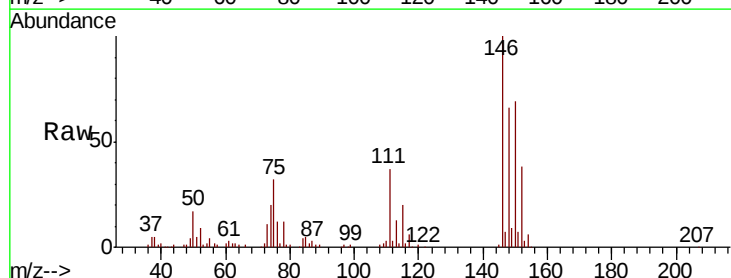
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

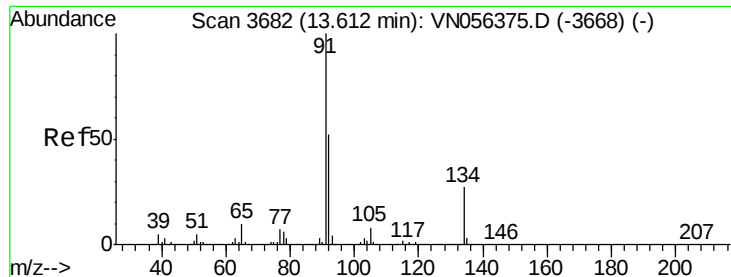
Tot Ion:146 Resp: 105368
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.9
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.484 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion:146 Resp: 101725
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.4 55.4
 148 64.7 32.4 97.0

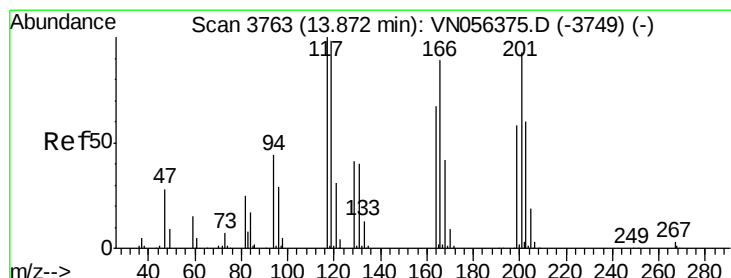
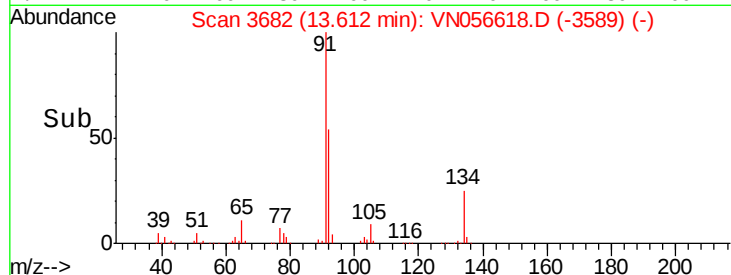
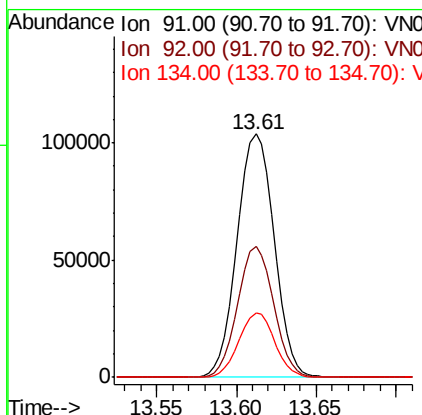
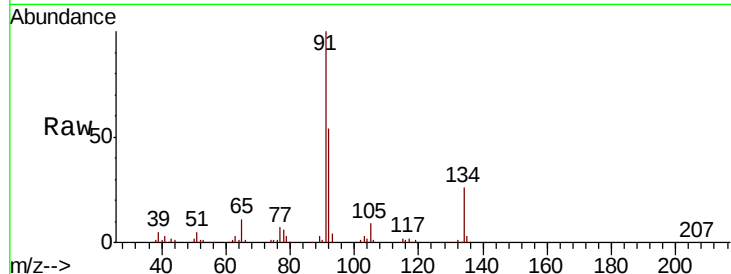




#89
n-Butylbenzene
Concen: 17.729 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

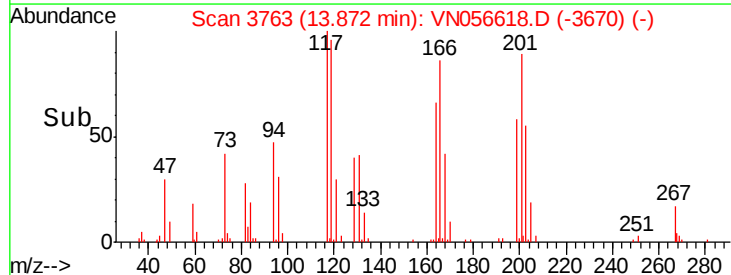
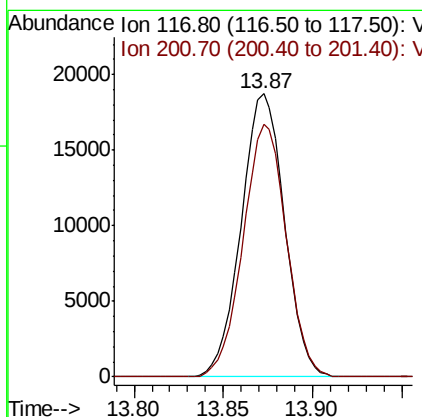
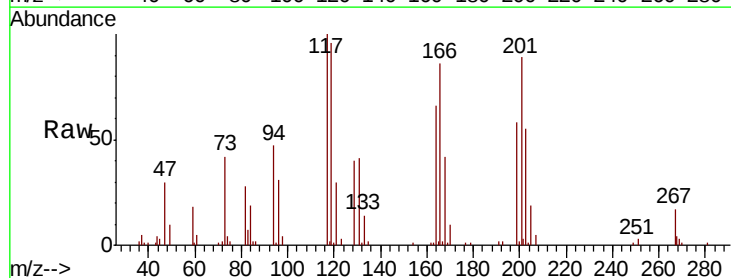
Instrument :
MSVOA_N
ClientSampleID :
VN0708WBSD01

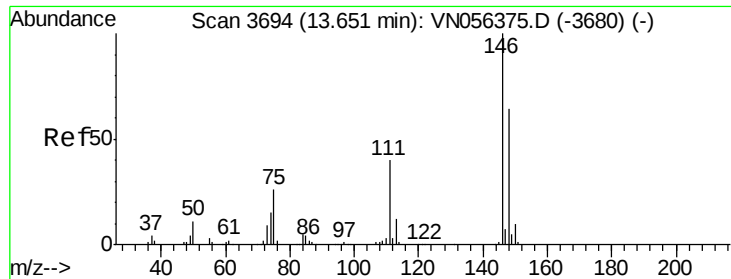
Tot Ion: 91 Resp: 164369
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 25.7 13.4 40.2



#90
Hexachloroethane
Concen: 16.630 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056618.D
Acq: 8 Jul 2019 18:38

Tgt Ion: 117 Resp: 31752
Ion Ratio Lower Upper
117 100
201 88.8 45.9 137.6

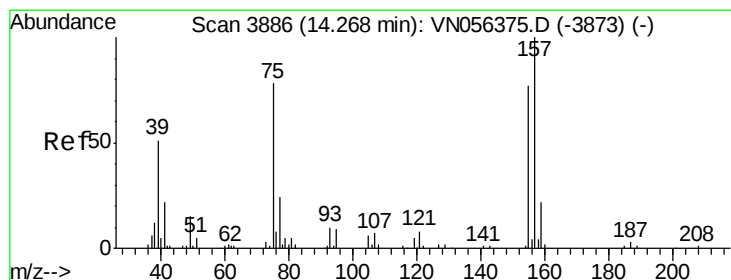
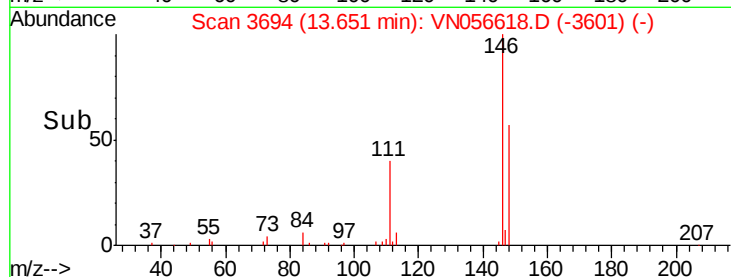
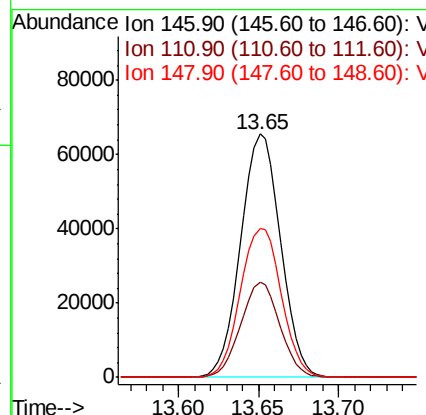
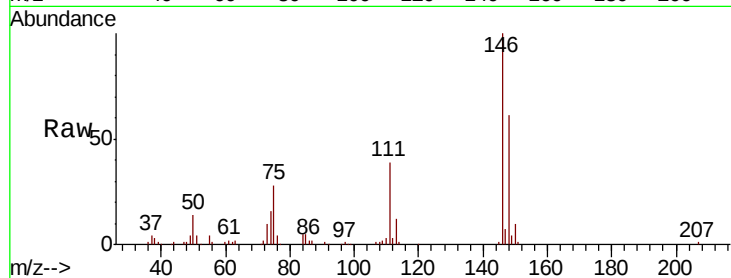




#91
 1,2-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

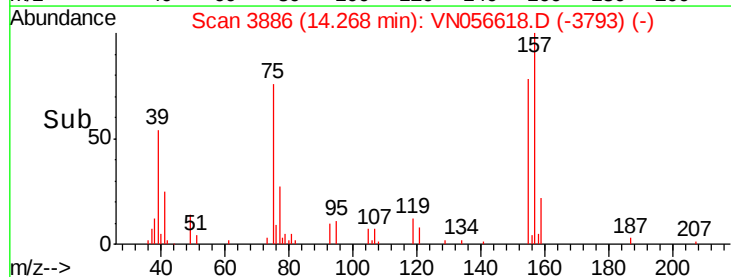
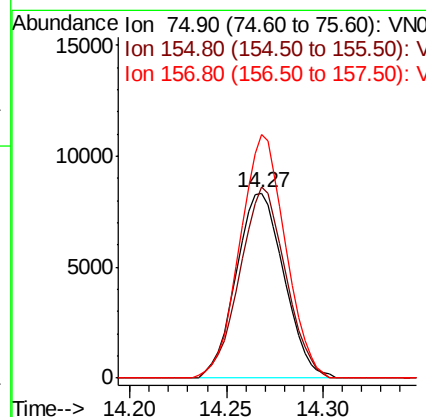
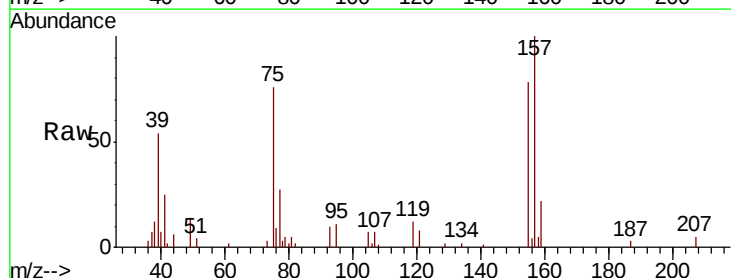
Instrument :
 MSVOA_N
 ClientSampled :
 VN0708WBSD01

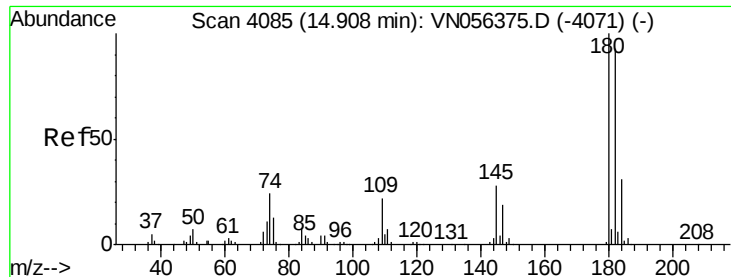
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	62.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.892 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056618.D
 Acq: 8 Jul 2019 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	48.9	146.8
157	124.8	62.9	188.8





#93

1,2,4-Trichlorobenzene

Concen: 19.949 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

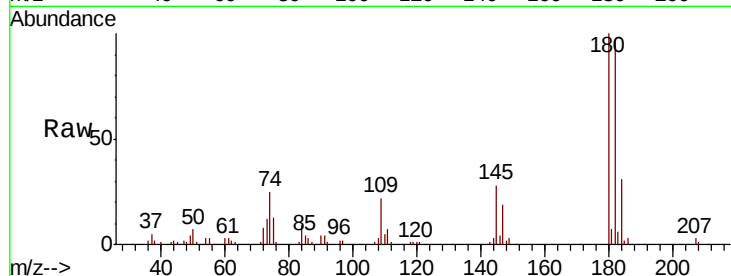
Tot Ion:180 Resp: 50123

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

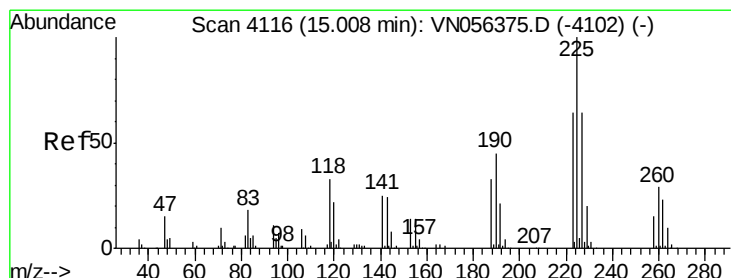
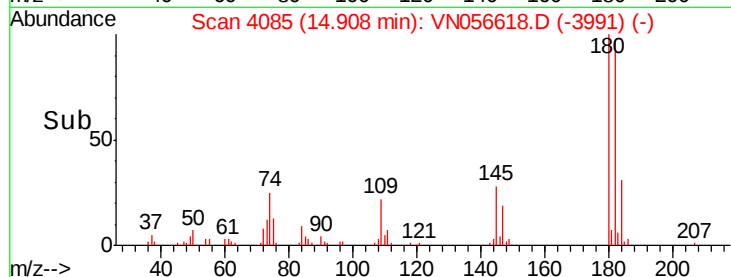
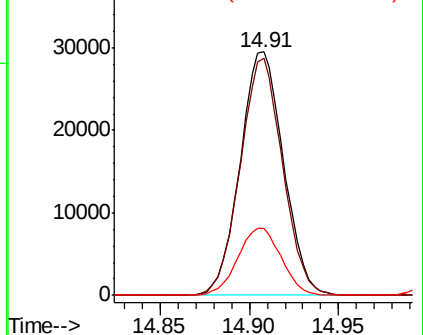
145 27.6 14.4 43.0



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: 16.676 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

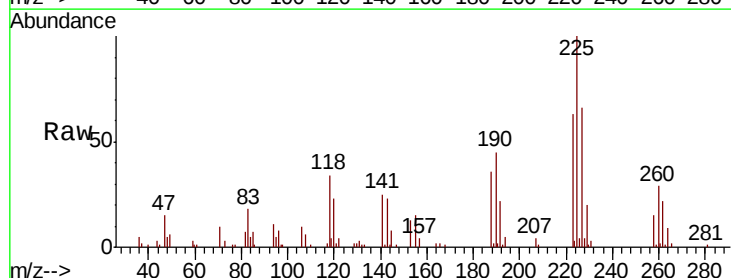
Tgt Ion:225 Resp: 36212

Ion Ratio Lower Upper

225 100

223 64.4 31.4 94.3

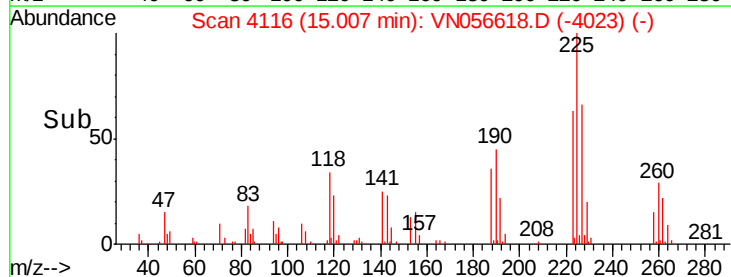
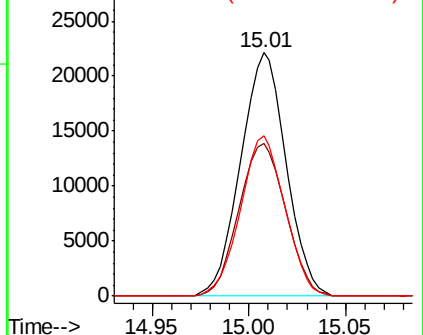
227 64.3 32.1 96.3

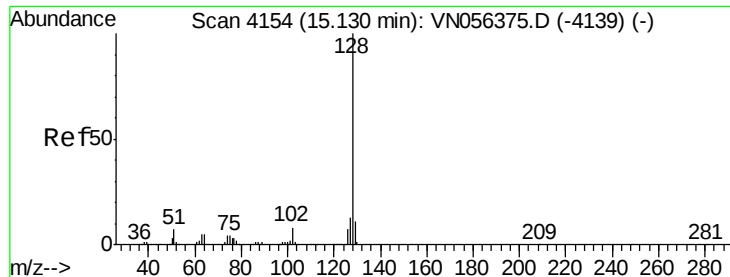


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.026 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

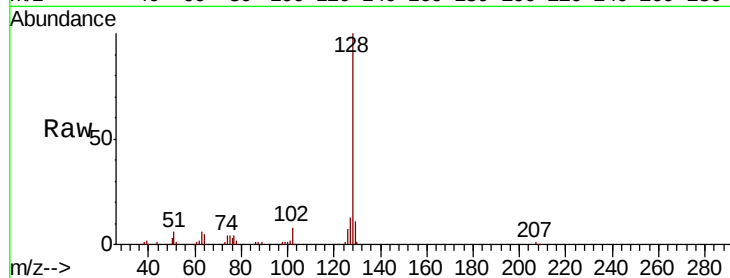
Tot Ion:128 Resp: 143027

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

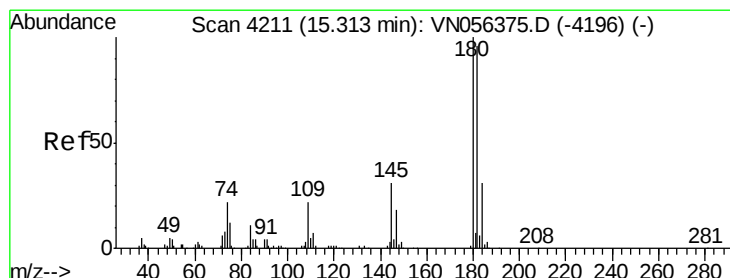
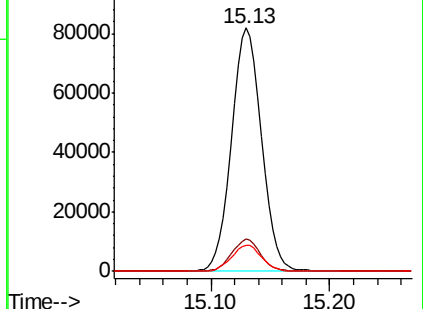
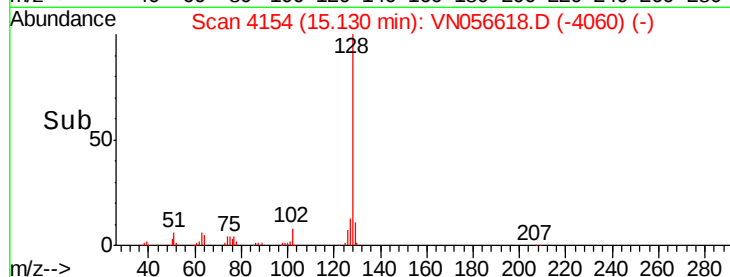
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.459 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056618.D

Acq: 8 Jul 2019 18:38

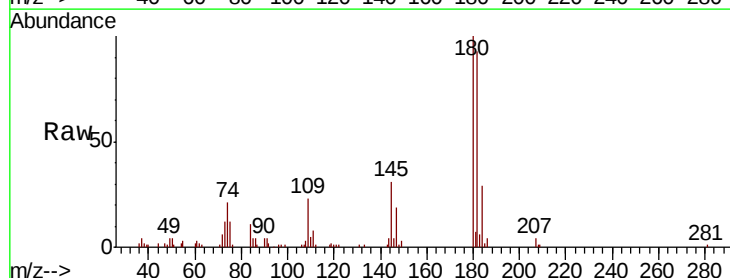
Tgt Ion:180 Resp: 56447

Ion Ratio Lower Upper

180 100

182 93.1 48.3 144.8

145 30.6 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

