

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056101.D
 Acq On : 7 Jun 2019 16:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 05:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	310193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	439041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	395942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	149991	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	7.59	113	135996	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.09	98	514812	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.40	95	181151	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	162812	47.792	ug/l	99
3) Chloromethane	2.06	50	166449	49.501	ug/l	98
4) Vinyl Chloride	2.18	62	167903	49.780	ug/l	99
5) Bromomethane	2.53	94	97876	45.937	ug/l	99
6) Chloroethane	2.68	64	93587	47.856	ug/l	99
7) Trichlorofluoromethane	3.00	101	209193	48.583	ug/l	100
8) Diethyl Ether	3.40	74	83718	47.279	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	137283	52.486	ug/l	98
10) Methyl Iodide	3.94	142	189134	45.502	ug/l	98
11) Tert butyl alcohol	4.82	59	122837	229.182	ug/l	98
12) 1,1-Dichloroethene	3.72	96	127932	49.128	ug/l	96
13) Acrolein	3.60	56	40182	259.942	ug/l	96
14) Allyl chloride	4.31	41	202881	49.340	ug/l	99
15) Acrylonitrile	4.99	53	355556	272.514	ug/l	99
16) Acetone	3.82	43	355951	241.643	ug/l	100
17) Carbon Disulfide	4.04	76	276193	44.297	ug/l	100
18) Methyl Acetate	4.32	43	158124	54.703	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	416267	50.150	ug/l	99
20) Methylene Chloride	4.54	84	149221	49.170	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	137104	49.139	ug/l	98
22) Diisopropyl ether	5.95	45	427878	50.339	ug/l	98
23) Vinyl Acetate	5.89	43	1746095	260.857	ug/l	100
24) 1,1-Dichloroethane	5.84	63	245726	50.117	ug/l	99
25) 2-Butanone	6.84	43	494176	265.522	ug/l	100
26) 2,2-Dichloropropane	6.82	77	182959	47.821	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	162616	49.583	ug/l	98
28) Bromochloromethane	7.19	49	113738	49.053	ug/l	99
29) Tetrahydrofuran	7.21	42	305688	265.712	ug/l	99
30) Chloroform	7.37	83	247881	50.257	ug/l	99
31) Cyclohexane	7.65	56	228599	46.775	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	202629	49.196	ug/l	100
36) 1,1-Dichloropropene	7.79	75	184948	48.991	ug/l	99
37) Ethyl Acetate	6.93	43	184327	54.876	ug/l	100
38) Carbon Tetrachloride	7.77	117	173148	49.748	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	235673	50.114	ug/l	98
40) Benzene	8.04	78	584598	50.986	ug/l	100
41) Methacrylonitrile	7.17	41	92496	59.851	ug/l	99
42) 1,2-Dichloroethane	8.12	62	183389	49.723	ug/l	99
43) Isopropyl Acetate	8.17	43	288306	52.967	ug/l #	92
44) Trichloroethene	8.83	130	162723	49.389	ug/l	100
45) 1,2-Dichloropropane	9.12	63	154245	52.519	ug/l	100
46) Dibromomethane	9.21	93	98585	51.332	ug/l	99
47) Bromodichloromethane	9.40	83	177861	51.098	ug/l	100
48) Methyl methacrylate	9.20	41	143655	53.947	ug/l	96
49) 1,4-Dioxane	9.20	88	65362	1136.945	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	924567	271.625	ug/l	100
52) Toluene	10.15	92	369713	51.818	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	190634	46.871	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	221989	53.057	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	147740	52.275	ug/l	98
56) Ethyl methacrylate	10.43	69	223125	54.115	ug/l	98
57) 1,3-Dichloropropane	10.71	76	241743	52.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	410056	250.786	ug/l	100
59) 2-Hexanone	10.75	43	666344	270.100	ug/l	100
60) Dibromochloromethane	10.90	129	145270	46.771	ug/l	99
61) 1,2-Dibromoethane	11.00	107	153241	53.038	ug/l	98
64) Tetrachloroethene	10.63	164	165559	48.306	ug/l	98
65) Chlorobenzene	11.43	112	401233	50.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	140303	51.565	ug/l	99
67) Ethyl Benzene	11.51	91	692522	50.541	ug/l	98
68) m/p-Xylenes	11.62	106	536626	102.520	ug/l	99
69) o-Xylene	11.95	106	259580	50.415	ug/l	100
70) Styrene	11.96	104	438824	53.641	ug/l	99
71) Bromoform	12.13	173	102311	45.074	ug/l #	99
73) Isopropylbenzene	12.25	105	690222	52.994	ug/l	100
74) N-amyl acetate	12.07	43	243182	49.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	206393	48.524	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	242124	71.817	ug/l #	100
77) Bromobenzene	12.53	156	185313	47.240	ug/l	96
78) n-propylbenzene	12.59	91	757380	48.861	ug/l	100
79) 2-Chlorotoluene	12.67	91	453258	52.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	577798	46.902	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51019	50.395	ug/l	91
82) 4-Chlorotoluene	12.77	91	448431	49.449	ug/l	100
83) tert-Butylbenzene	12.99	119	503771	52.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	571852	48.950	ug/l	100
85) sec-Butylbenzene	13.17	105	663639	48.345	ug/l	99
86) p-Isopropyltoluene	13.29	119	606368	49.357	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	307562	50.658	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	297588	50.954	ug/l	99
89) n-Butylbenzene	13.61	91	471607	51.820	ug/l	100
90) Hexachloroethane	13.87	117	88398	47.712	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	302110	49.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31206	51.295	ug/l	96

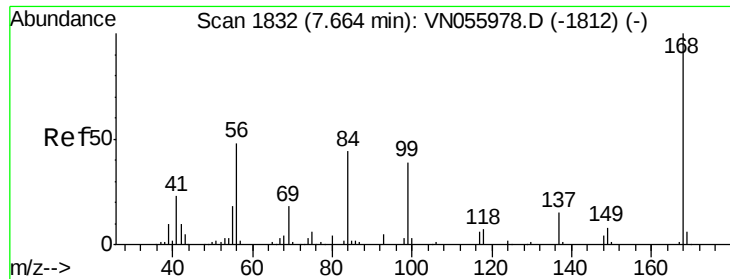
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	152251	45.494	ug/l	100
94) Hexachlorobutadiene	15.01	225	114488	54.651	ug/l	99
95) Naphthalene	15.13	128	394058	45.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	162325	47.327	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

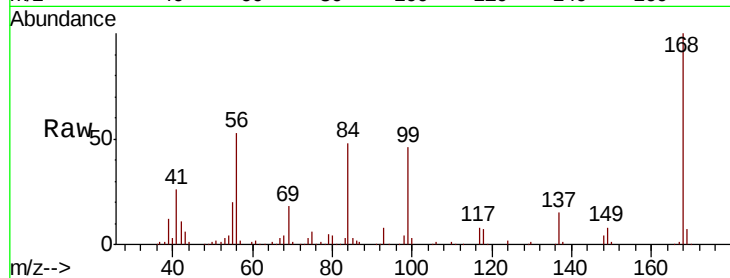
ClientSampled :

Tot Ion:168 Resp: 310193

Ion Ratio Lower Upper

168 100

99 45.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

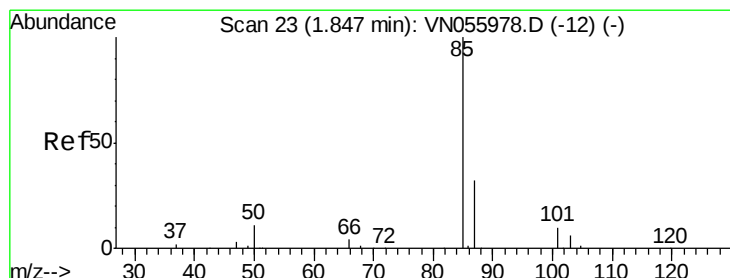
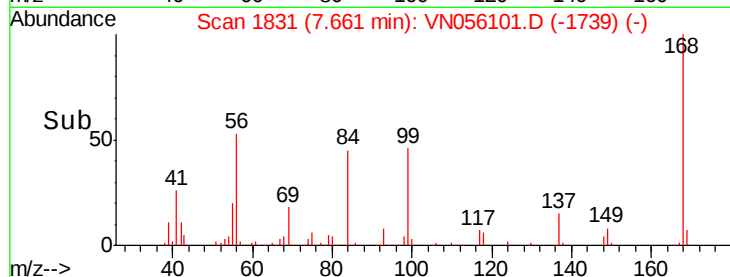
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.792 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056101.D

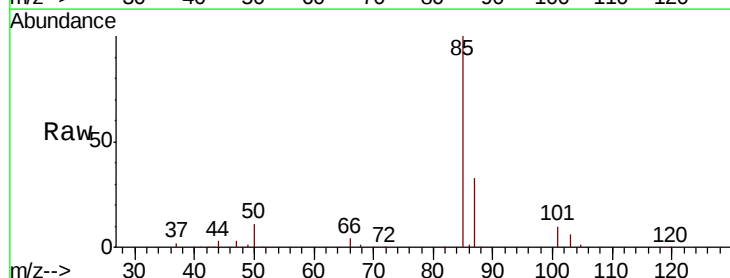
Acq: 7 Jun 2019 16:18

Tgt Ion: 85 Resp: 162812

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

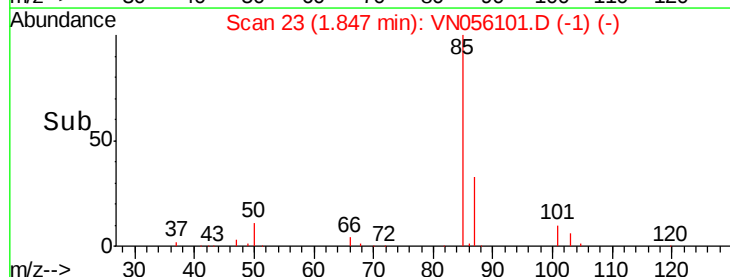
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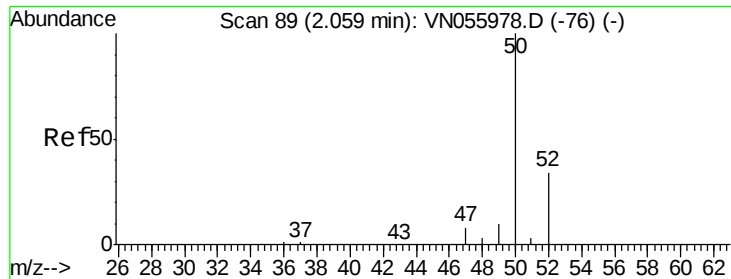
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Time-->

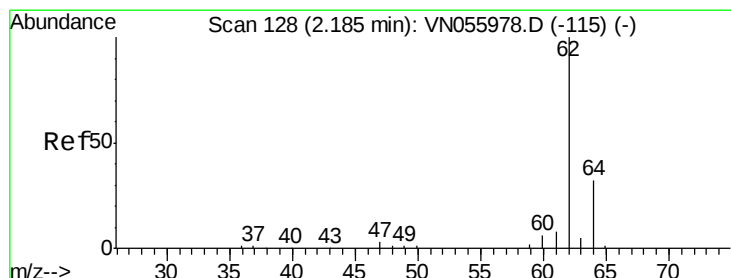
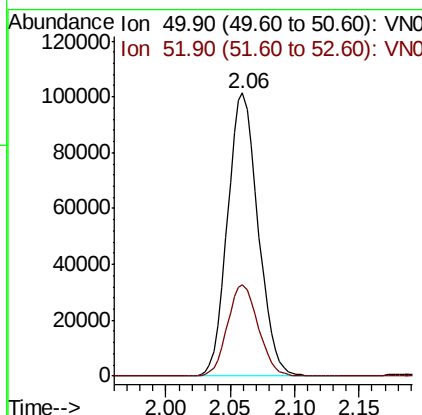
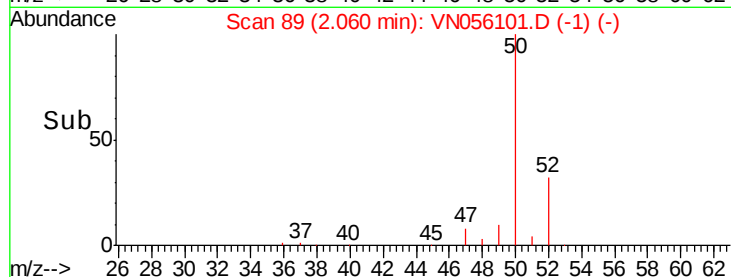
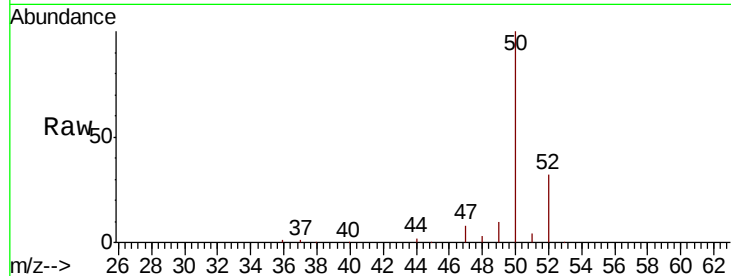




#3
 Chloromethane
 Concen: 49.501 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

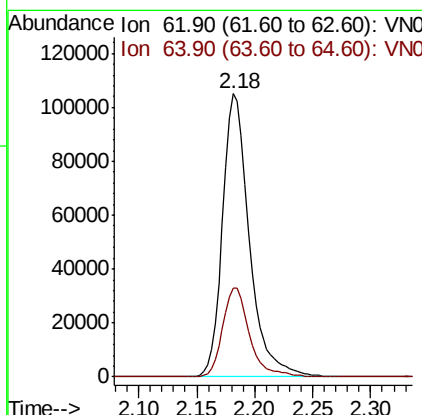
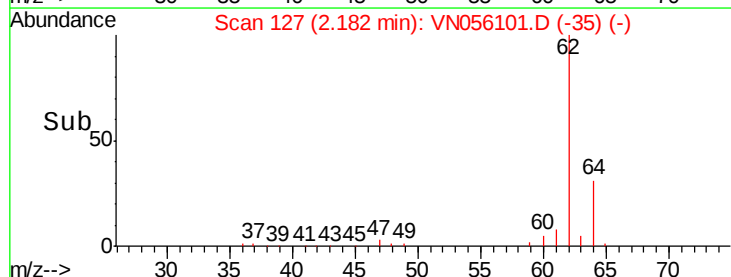
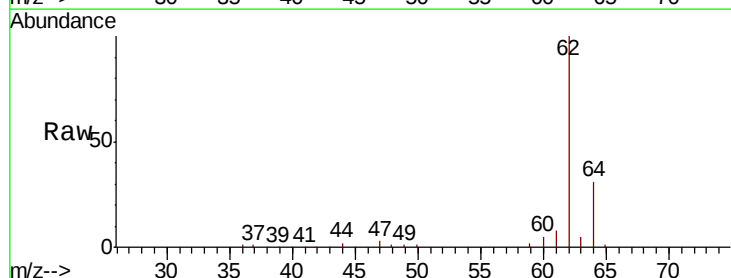
Instrument :
 MSVOA_N
 ClientSampled :

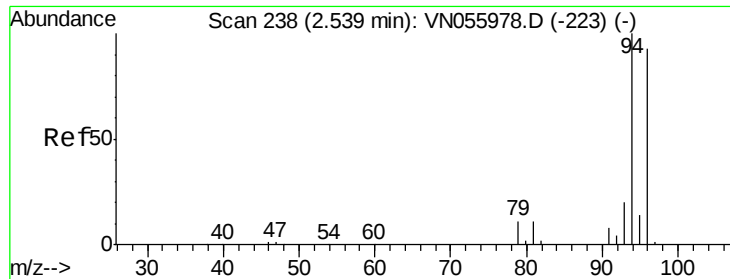
Tot Ion: 50 Resp: 166449
 Ion Ratio Lower Upper
 50 100
 52 32.3 26.6 40.0



#4
 Vinyl Chloride
 Concen: 49.780 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 62 Resp: 167903
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.6 38.4

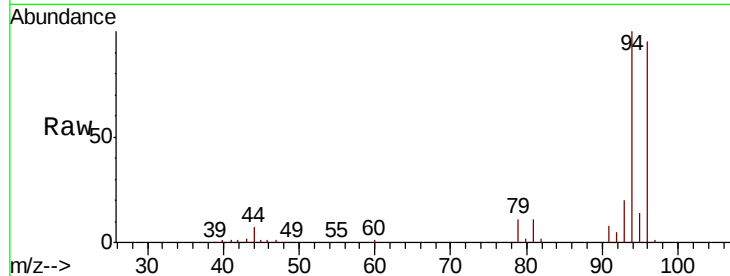




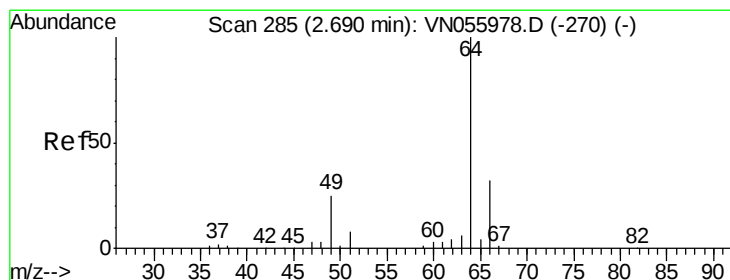
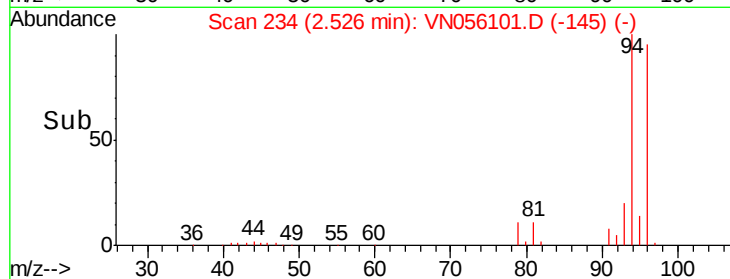
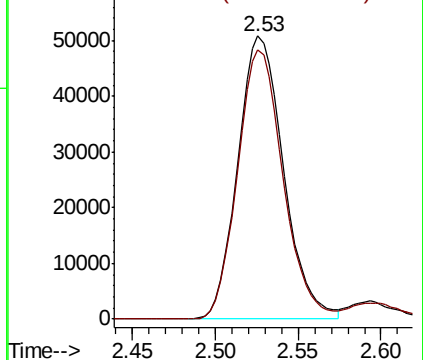
#5
Bromomethane
Concen: 45.937 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 97876
Ion Ratio Lower Upper
94 100
96 95.2 75.5 113.3

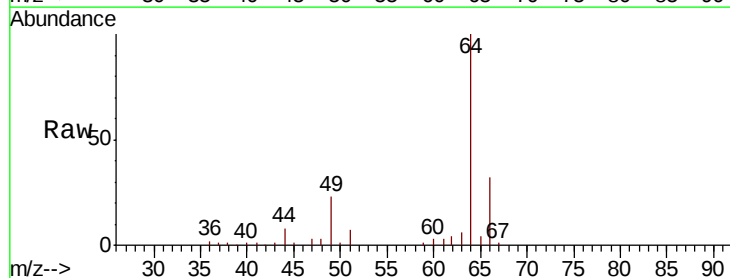


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

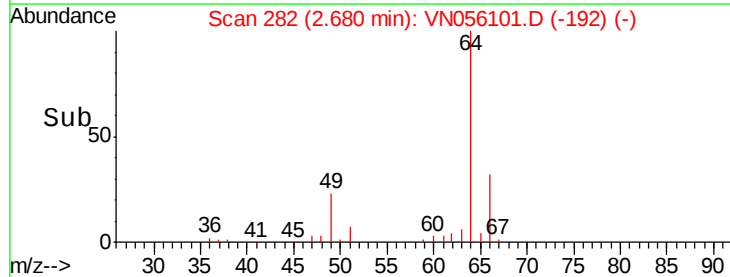
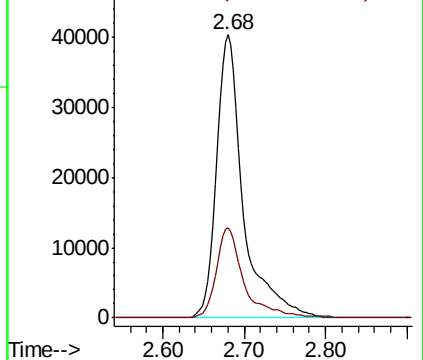


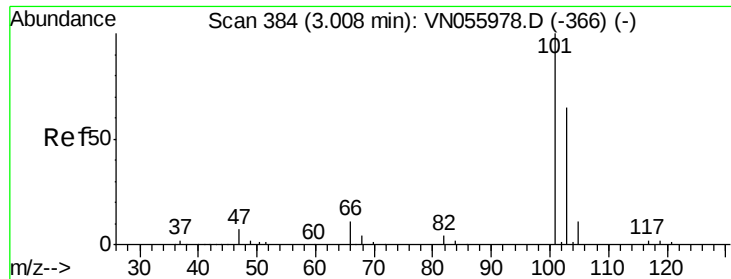
#6
Chloroethane
Concen: 47.856 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 64 Resp: 93587
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0



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



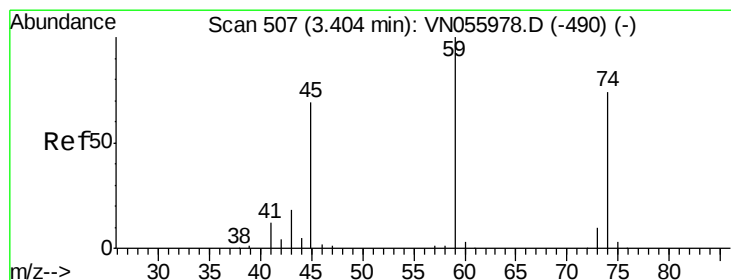
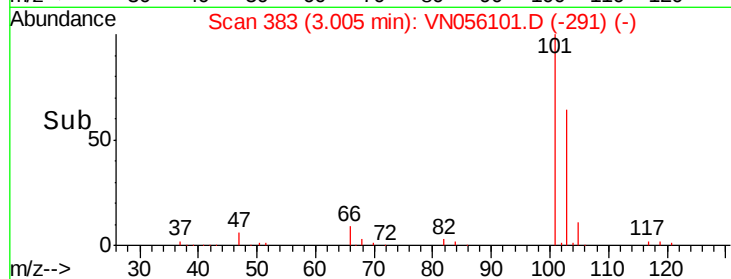
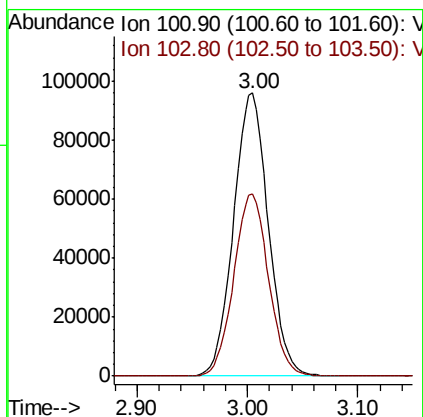
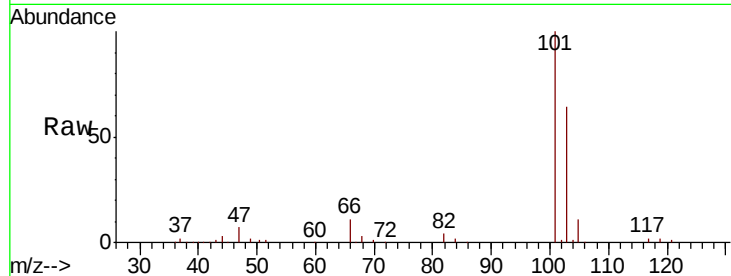


#7

Trichlorofluoromethane
 Concen: 48.583 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Instrument :
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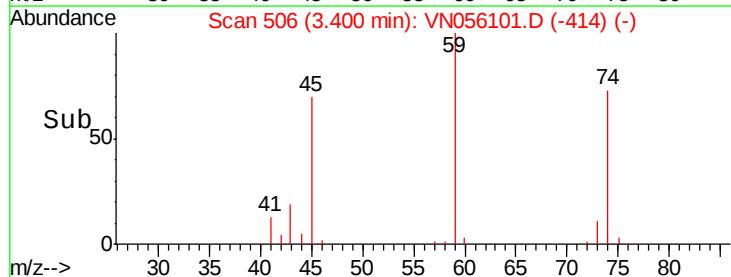
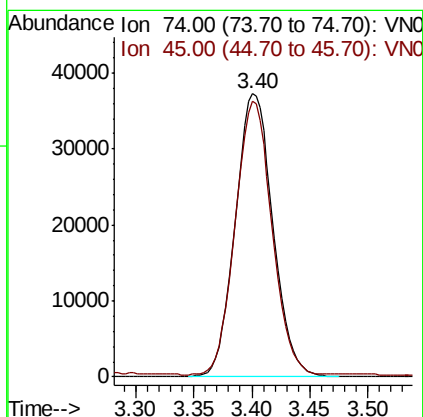
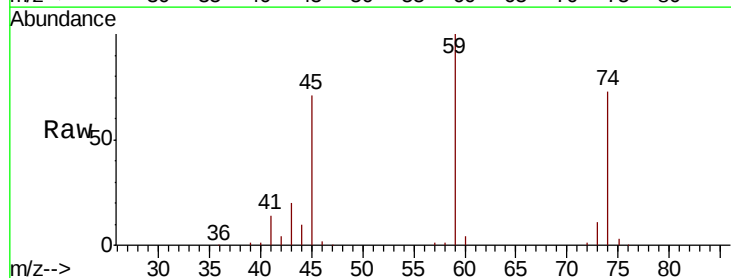
Tot Ion:101 Resp: 209193
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

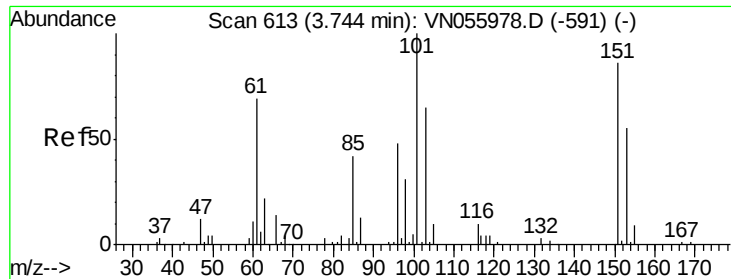


#8

Diethyl Ether
 Concen: 47.279 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 74 Resp: 83718
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.486 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampled :

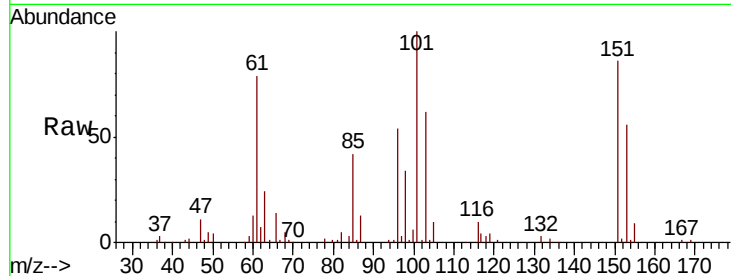
Tot Ion:101 Resp: 137283

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.2

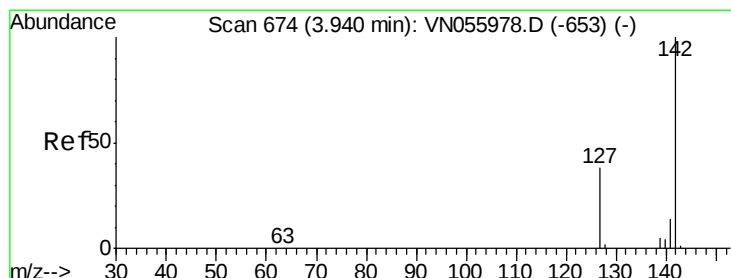
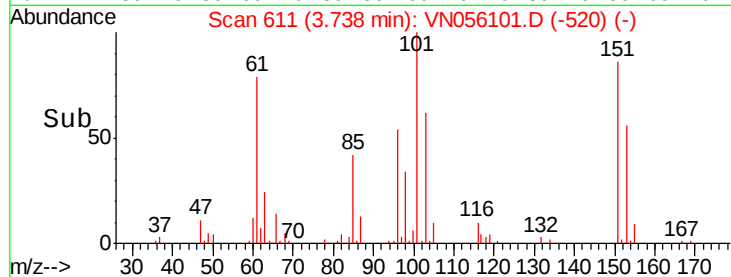
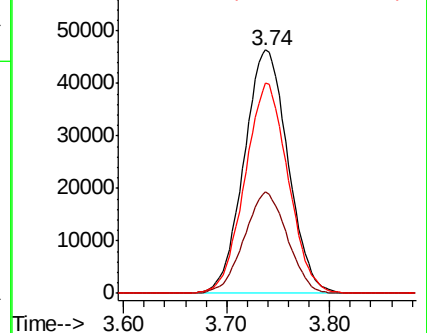
151 84.9 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.502 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

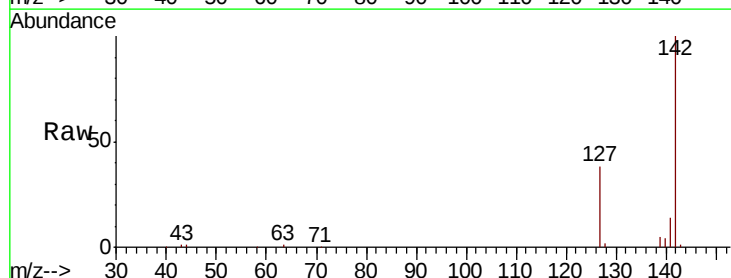
Tgt Ion:142 Resp: 189134

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

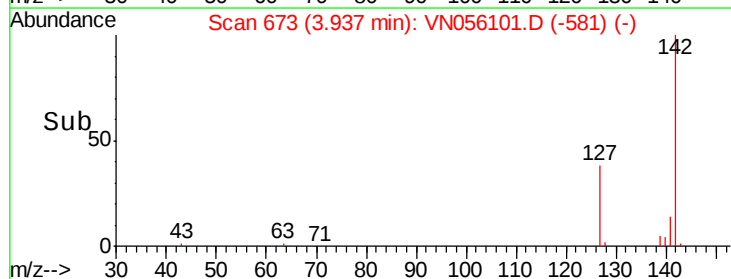
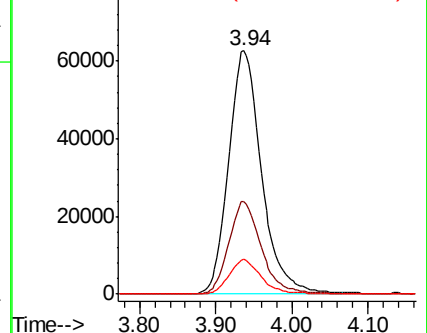
141 13.5 11.4 17.0

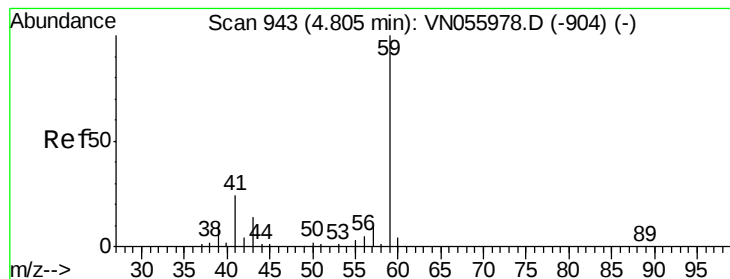


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



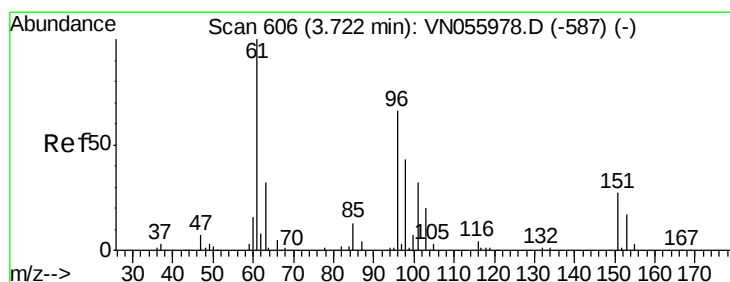
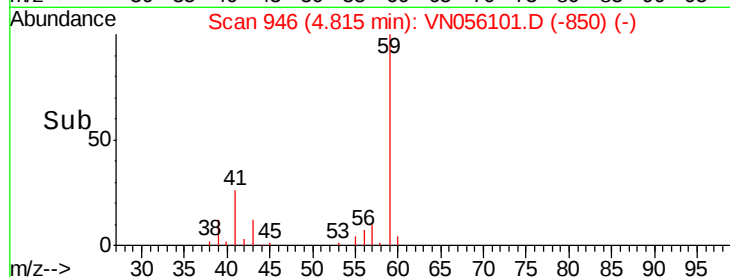
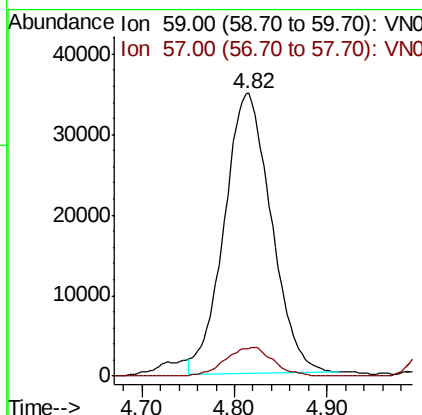
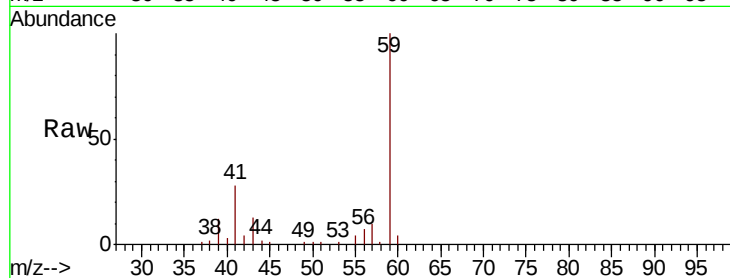


#11

Tert butyl alcohol
Concen: 229.182 ug/l
RT: 4.82 min Scan# 946
Delta R.T. 0.01 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

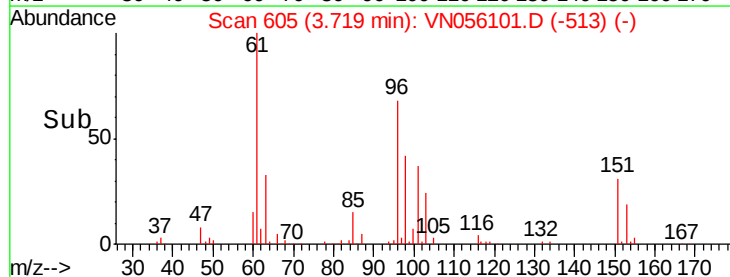
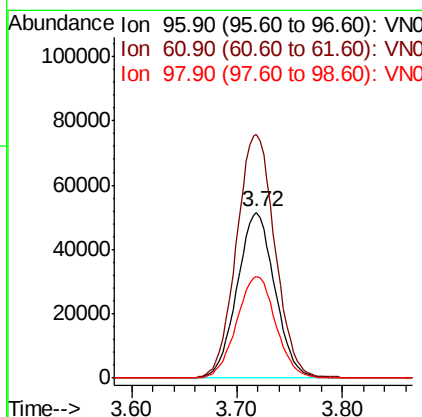
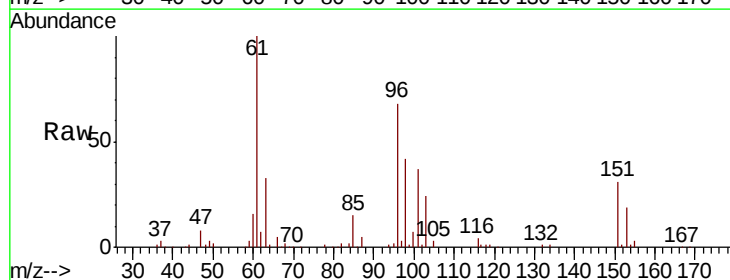
Tot Ion: 59 Resp: 122837
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6

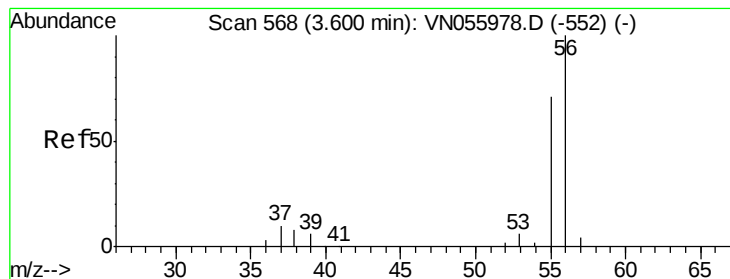


#12

1,1-Dichloroethene
Concen: 49.128 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 96 Resp: 127932
Ion Ratio Lower Upper
96 100
61 147.1 123.2 184.8
98 61.5 50.4 75.6





#13

Acrolein

Concen: 259.942 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

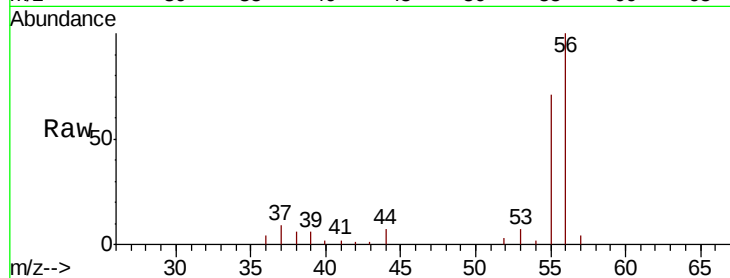
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 40182

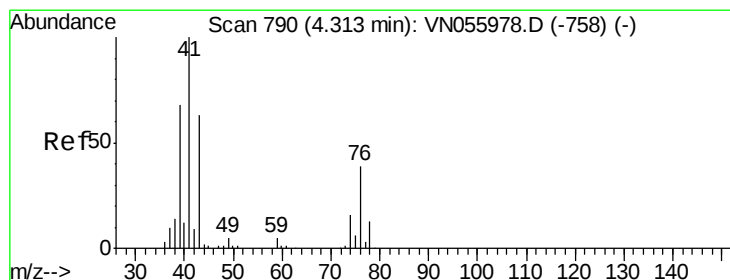
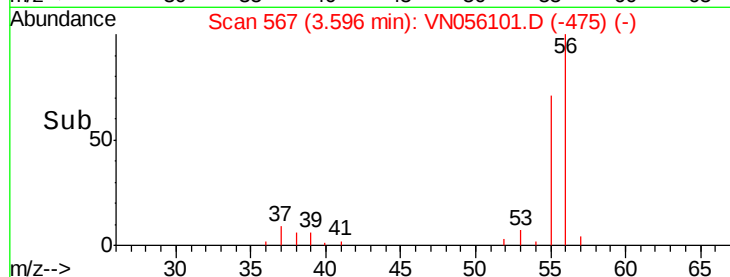
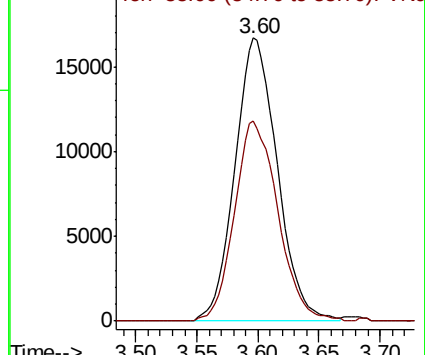
Ion Ratio Lower Upper

56 100

55 72.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.340 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

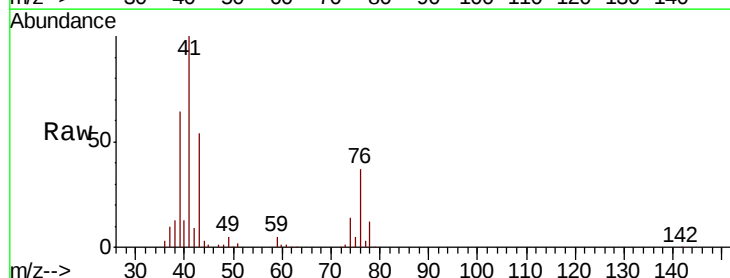
Tgt Ion: 41 Resp: 202881

Ion Ratio Lower Upper

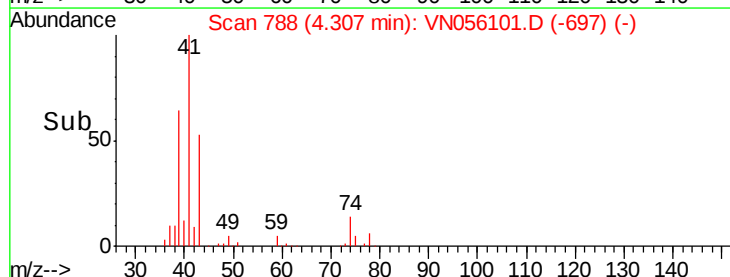
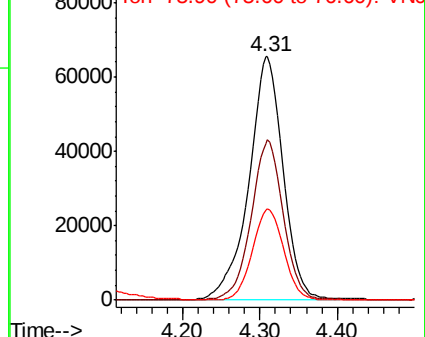
41 100

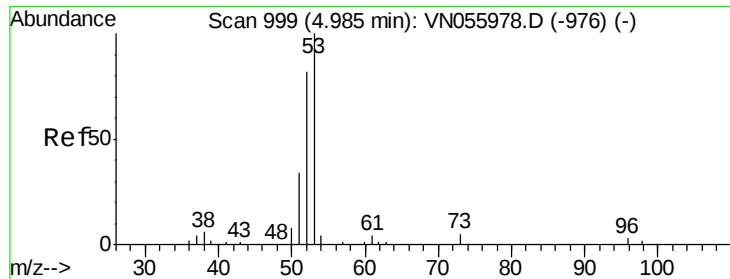
39 61.9 50.0 75.0

76 34.2 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 272.514 ug/l

RT: 4.99 min Scan# 1000

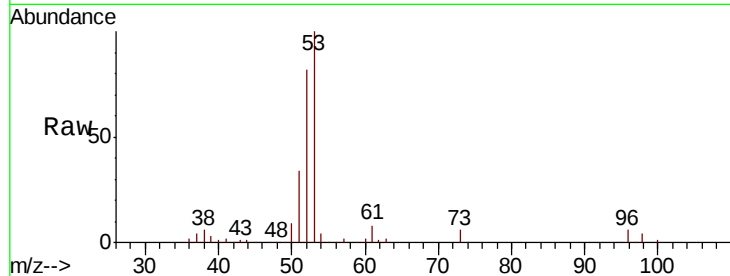
Delta R.T. 0.00 min

Lab File: VN056101.D

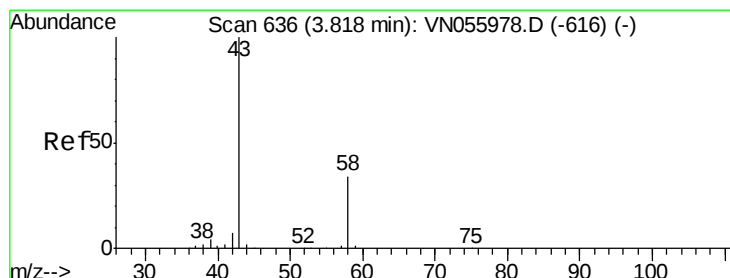
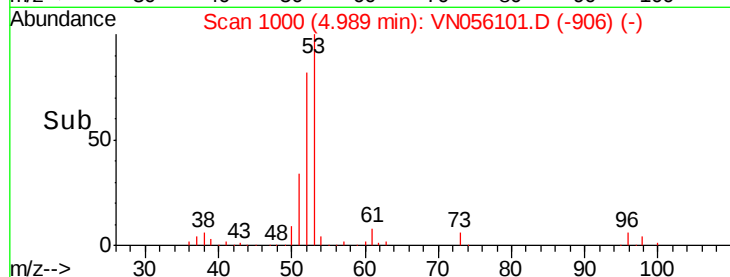
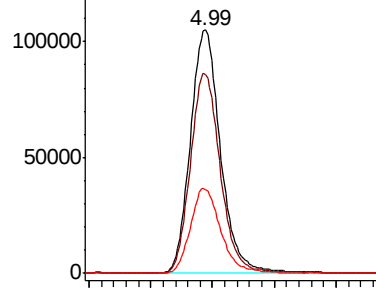
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	53	Resp:	355556
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.8	98.8
51	35.2	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 241.643 ug/l

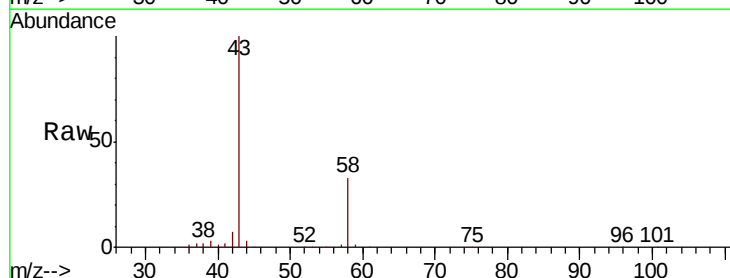
RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

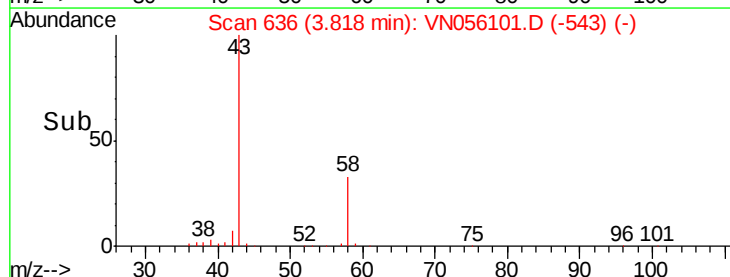
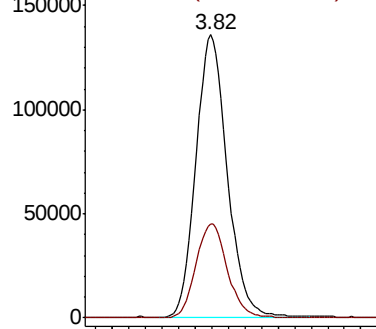
Lab File: VN056101.D

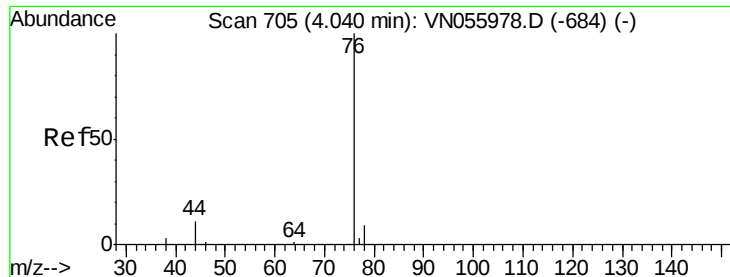
Acq: 7 Jun 2019 16:18

Tgt Ion:	43	Resp:	355951
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.6	39.8



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

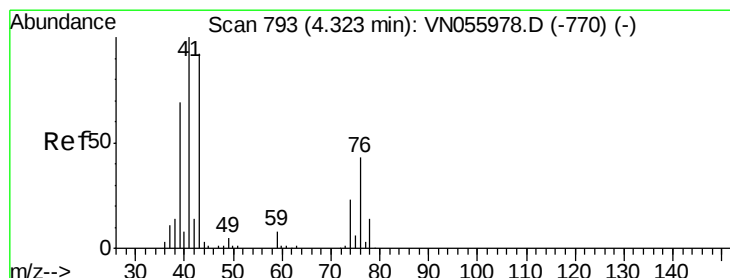
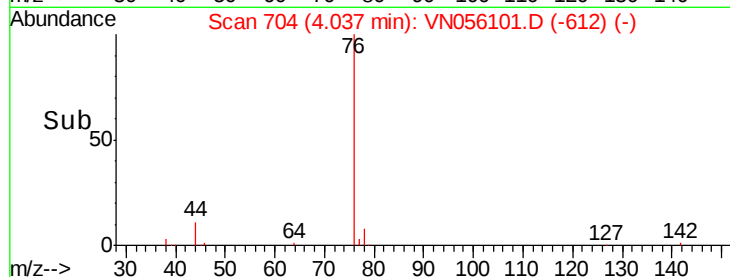
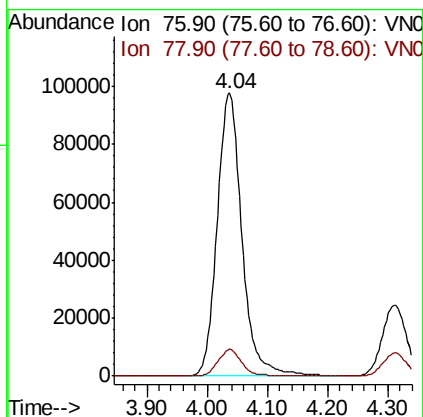
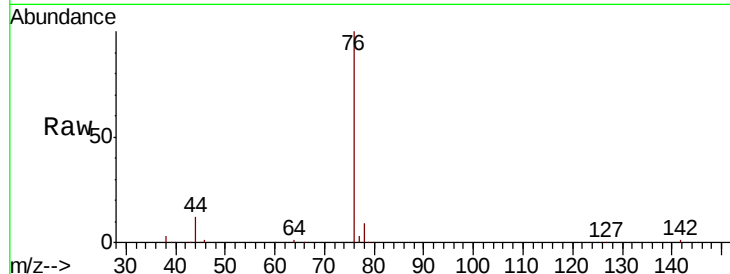




#17
Carbon Disulfide
Concen: 44.297 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

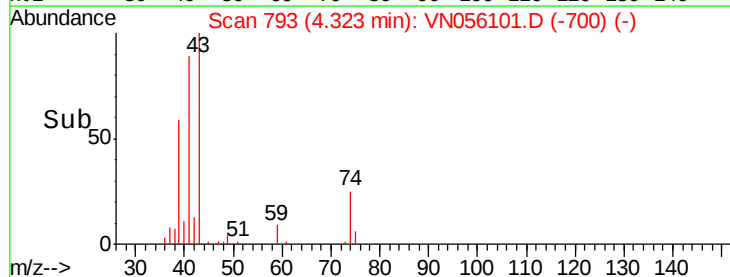
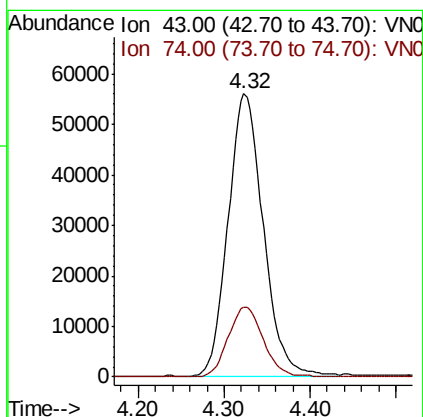
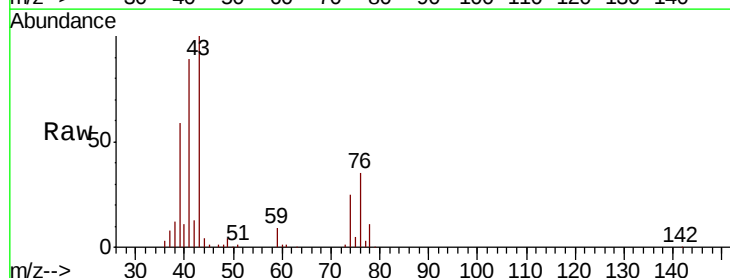
Instrument :
MSVOA_N
ClientSampled :

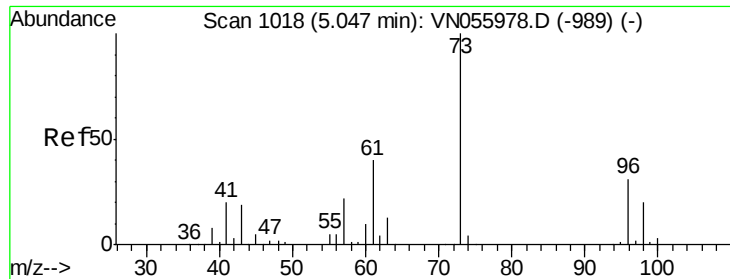
Tot Ion: 76 Resp: 276193
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 54.703 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 43 Resp: 158124
Ion Ratio Lower Upper
43 100
74 24.9 19.3 28.9

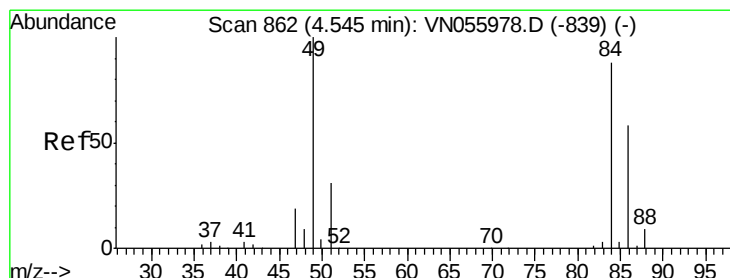
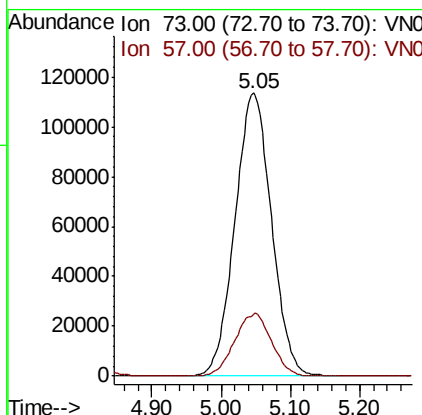
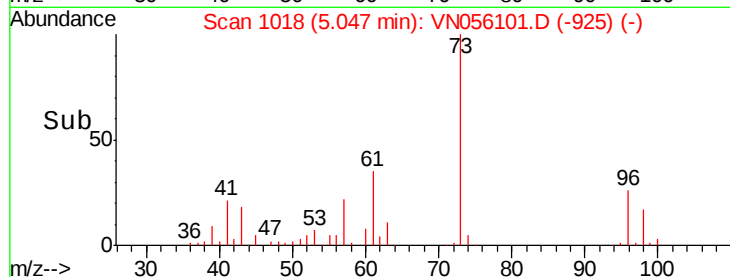
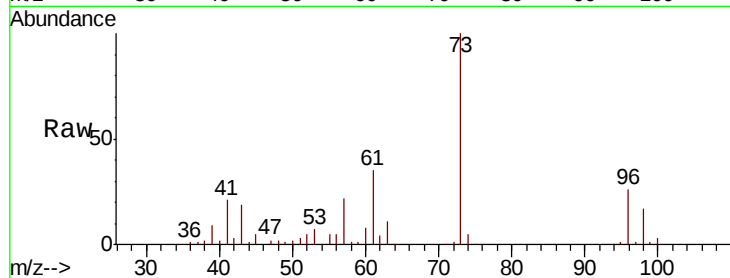




#19
Methvl tert-butvl Ether
Concen: 50.150 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

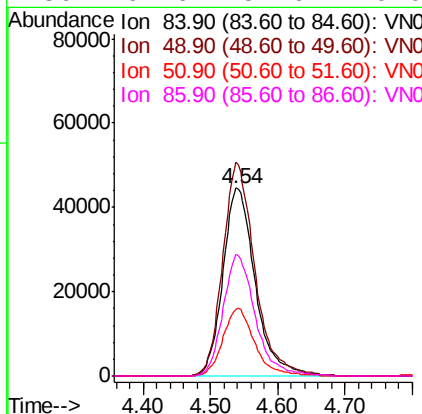
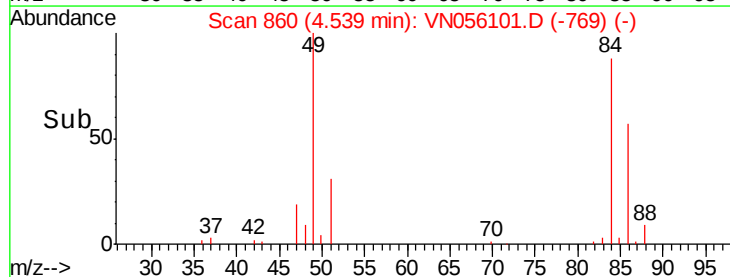
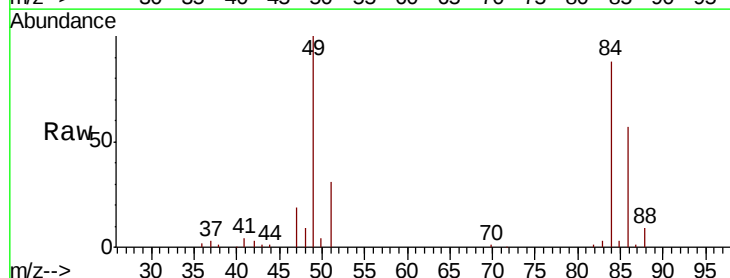
Instrument :
MSVOA_N
ClientSampleId :

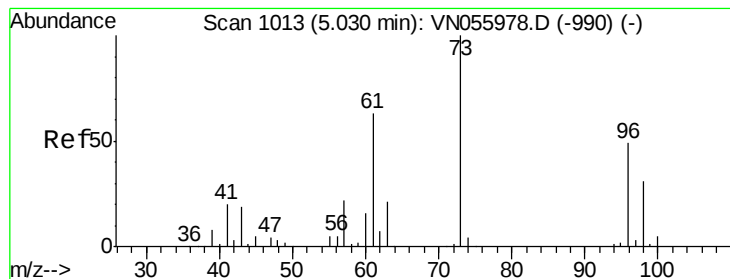
Tot Ion: 73 Resp: 416267
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 49.170 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 84 Resp: 149221
Ion Ratio Lower Upper
84 100
49 113.8 93.5 140.3
51 35.7 28.6 43.0
86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.139 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

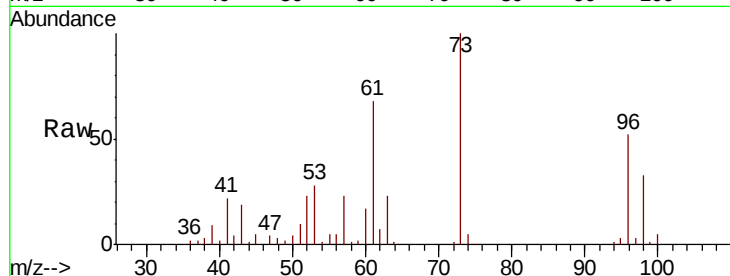
Tot Ion: 96 Resp: 137104

Ion Ratio Lower Upper

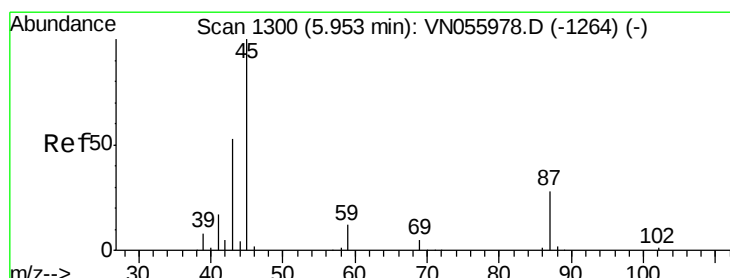
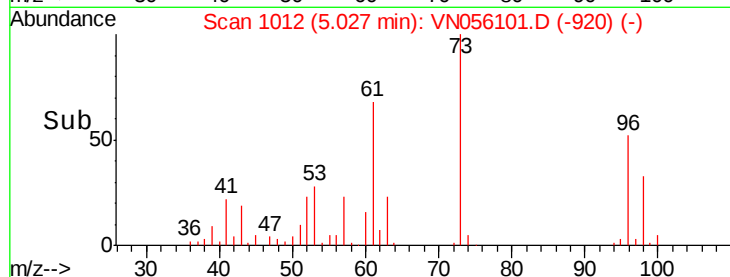
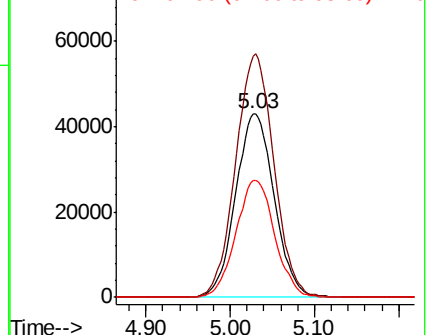
96 100

61 131.4 107.8 161.8

98 63.6 49.8 74.8



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



#22

Diisopropyl ether

Concen: 50.339 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Tgt Ion: 45 Resp: 427878

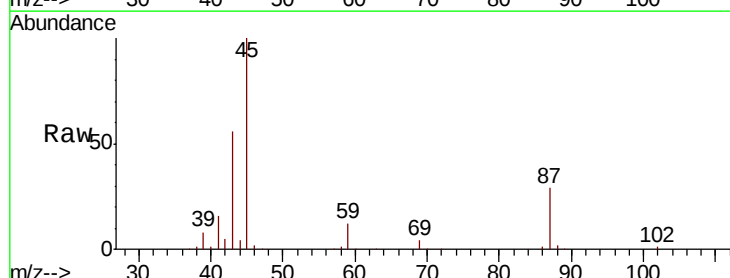
Ion Ratio Lower Upper

45 100

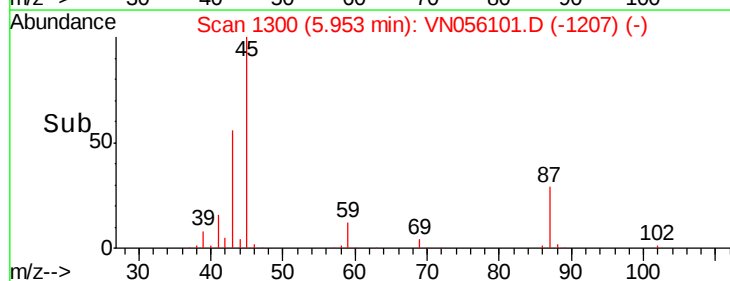
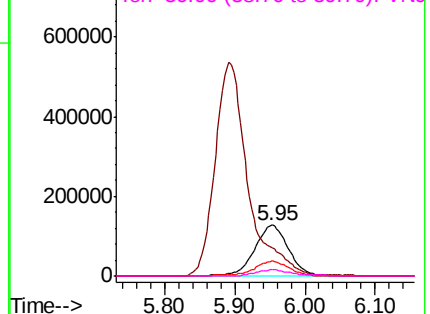
43 54.4 45.0 67.6

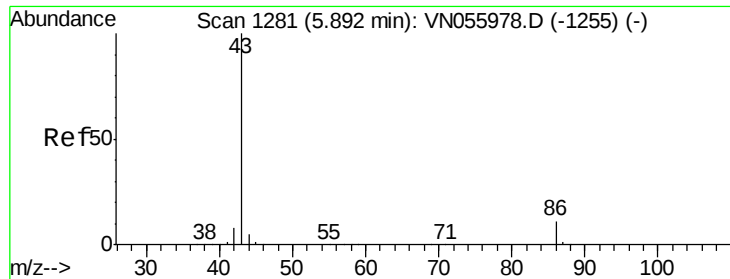
87 29.0 22.2 33.4

59 12.0 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

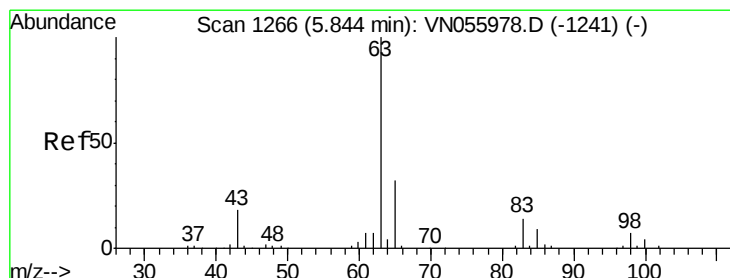
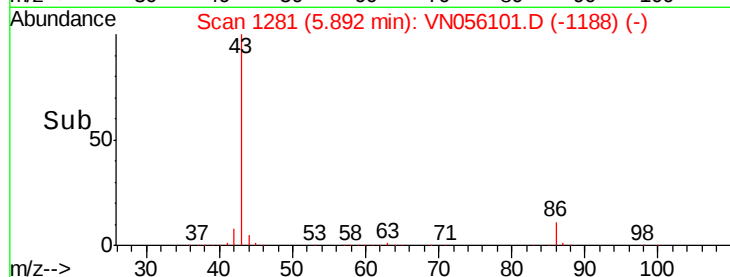
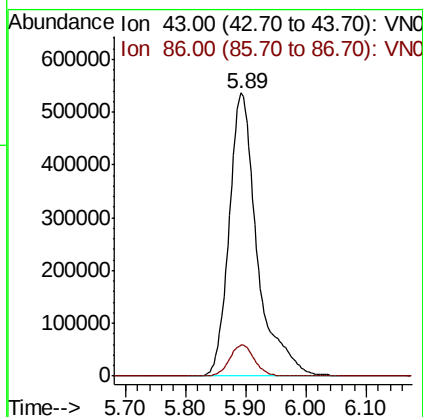
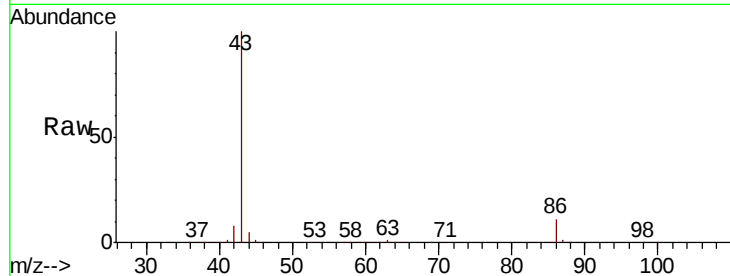




#23
 Vinyl Acetate
 Concen: 260.857 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

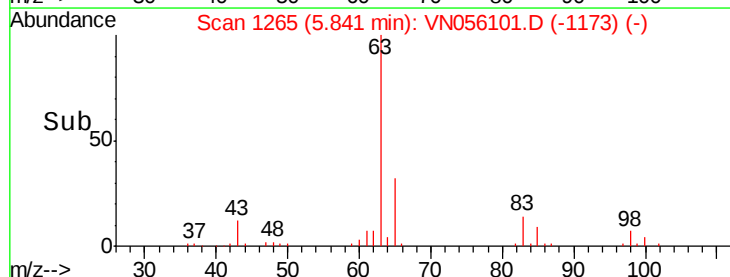
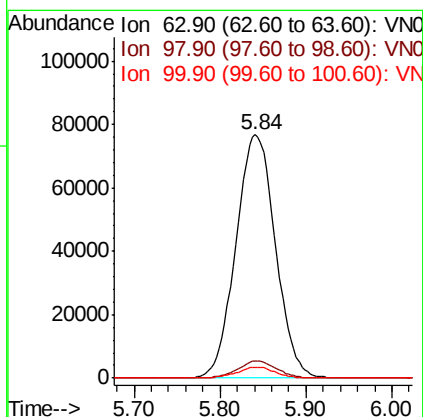
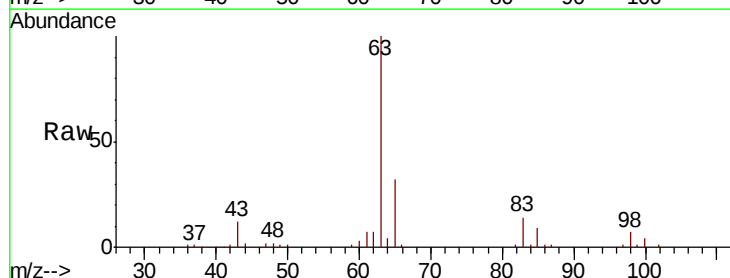
Instrument :
 MSVOA_N
 ClientSampled :

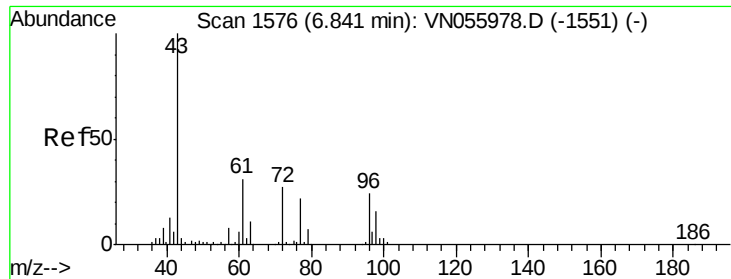
Tot Ion: 43 Resp: 1746095
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.117 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 63 Resp: 245726
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 265.522 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

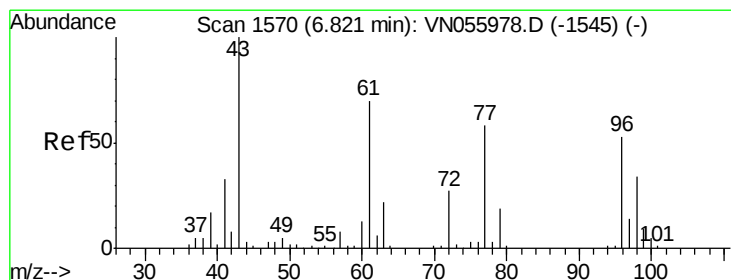
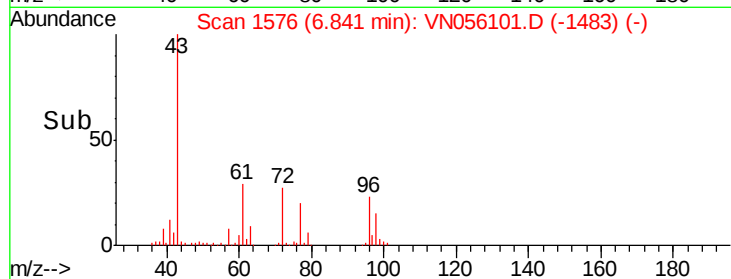
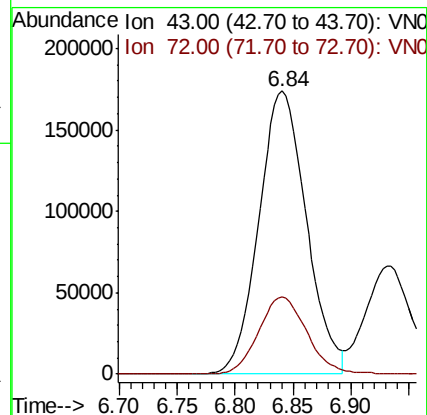
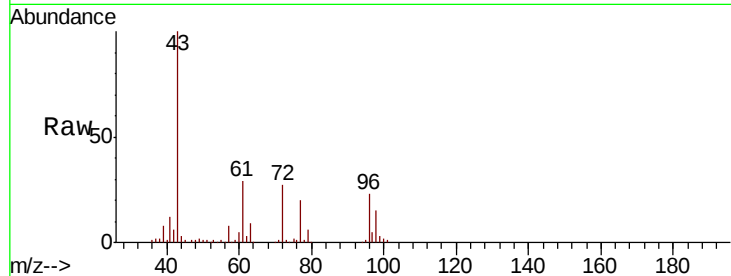
ClientSampleId :

Tot Ion: 43 Resp: 494176

Ion Ratio Lower Upper

43 100

72 27.4 21.9 32.9



#26

2,2-Dichloropropane

Concen: 47.821 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056101.D

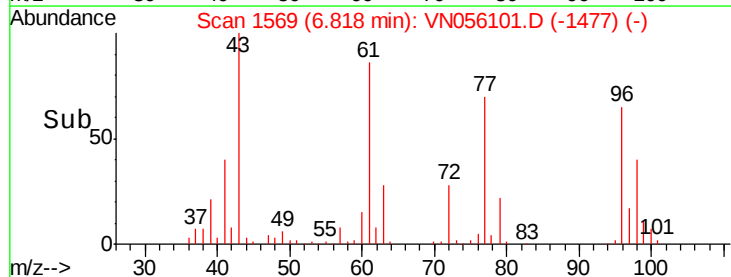
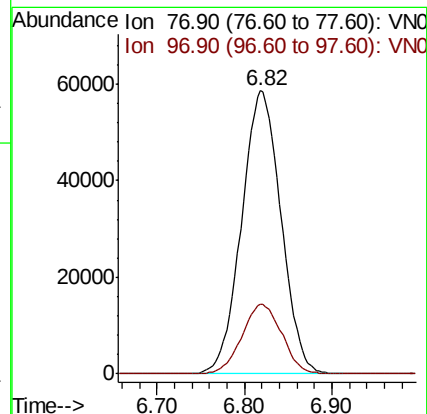
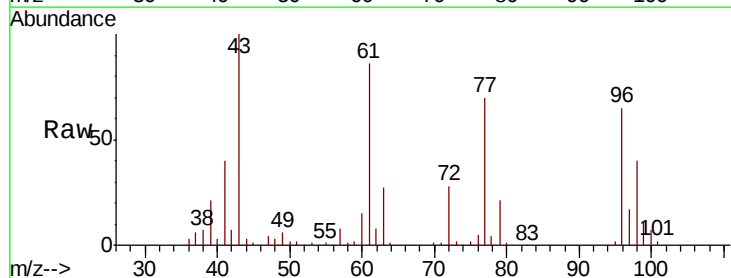
Acq: 7 Jun 2019 16:18

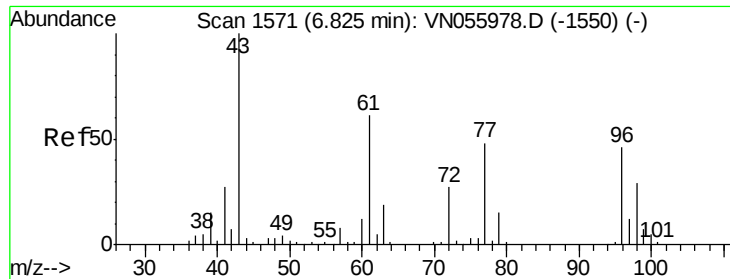
Tgt Ion: 77 Resp: 182959

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6

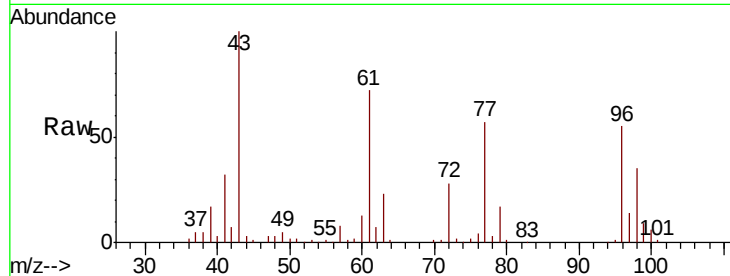




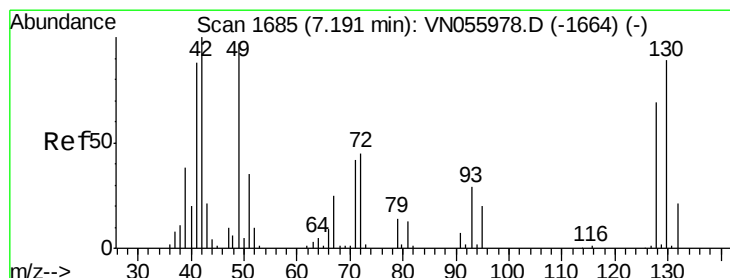
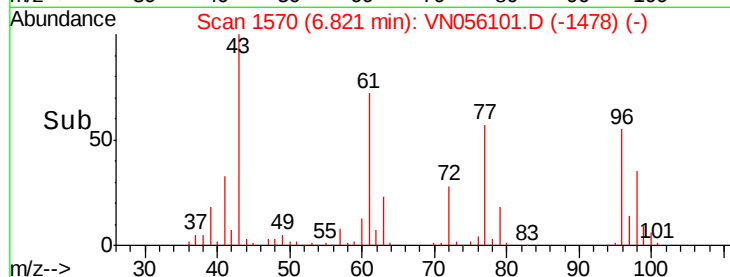
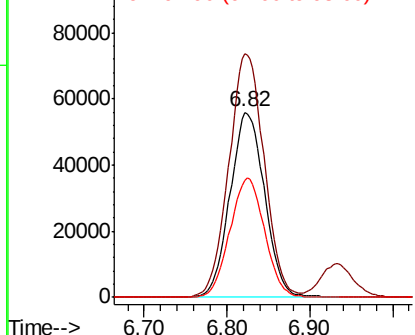
#27
 cis-1,2-Dichloroethene
 Concen: 49.583 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 162616
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 275.8
 98 64.5 0.0 128.4

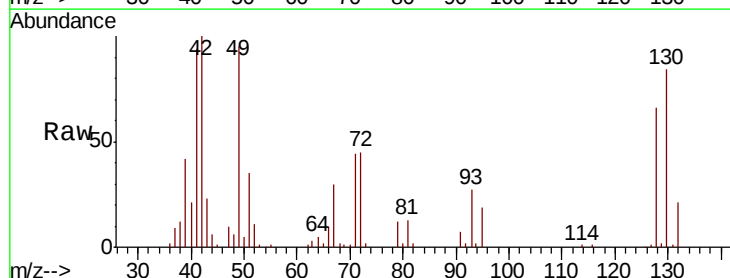


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

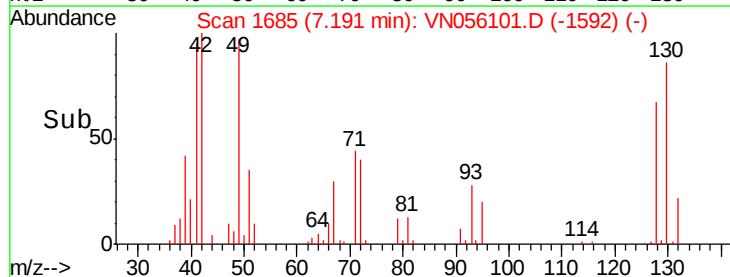
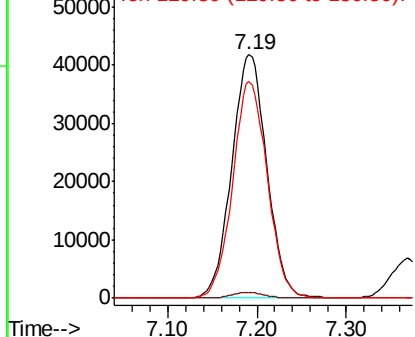


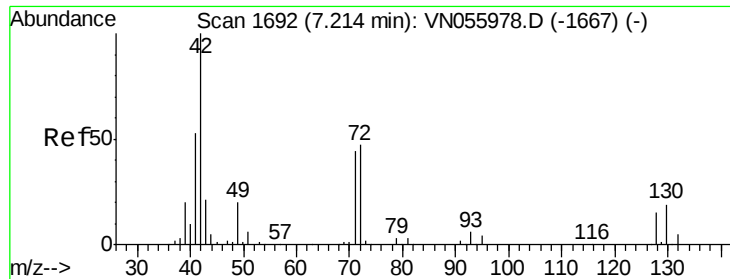
#28
 Bromochloromethane
 Concen: 49.053 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 49 Resp: 113738
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 87.9 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

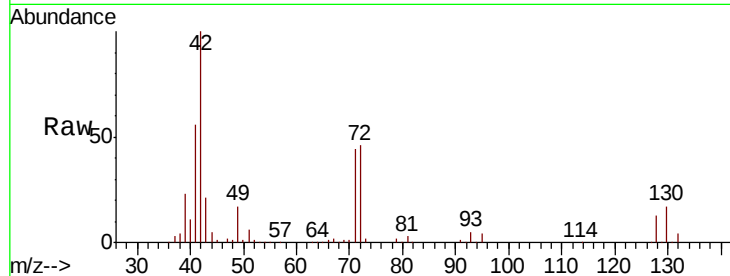




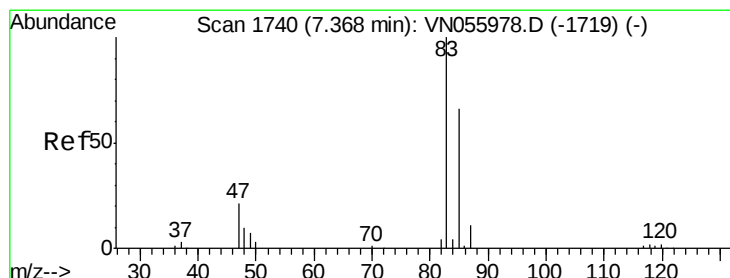
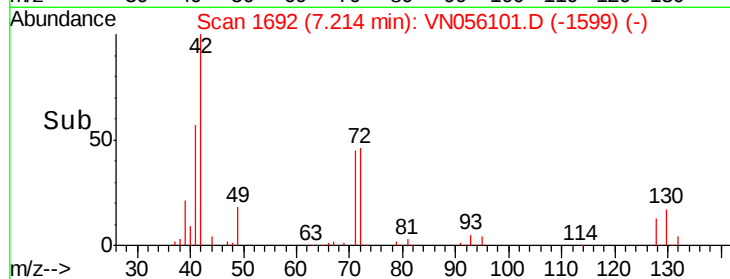
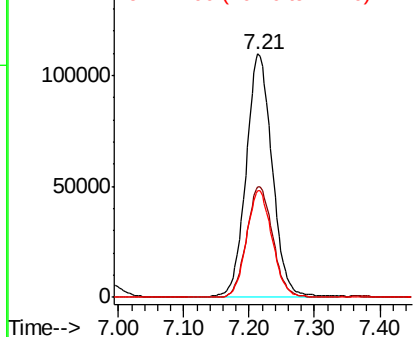
#29
Tetrahydrofuran
Concen: 265.712 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 305688
Ion Ratio Lower Upper
42 100
72 45.3 35.9 53.9
71 43.0 34.0 51.0

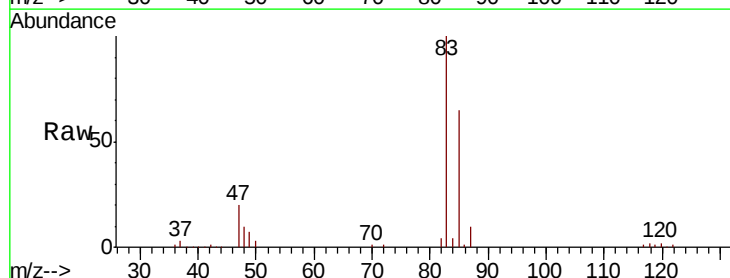


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

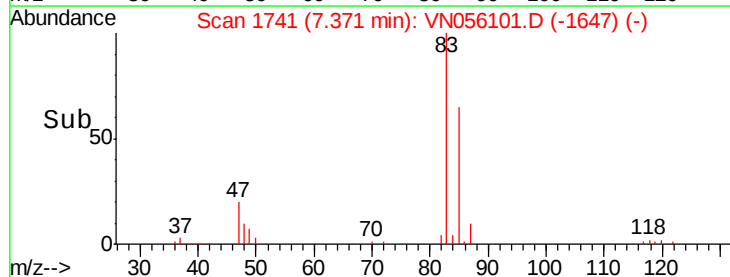
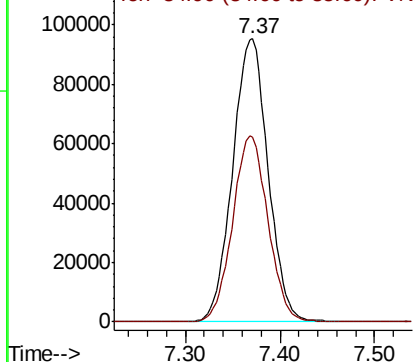


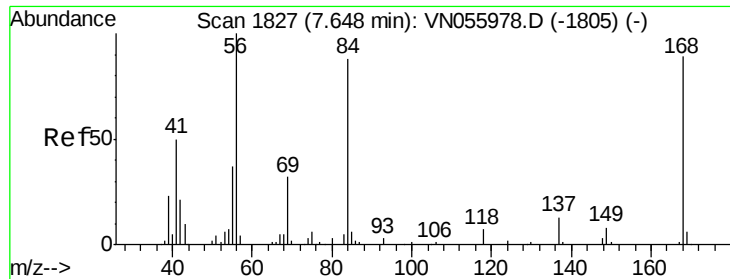
#30
Chloroform
Concen: 50.257 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 83 Resp: 247881
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8



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

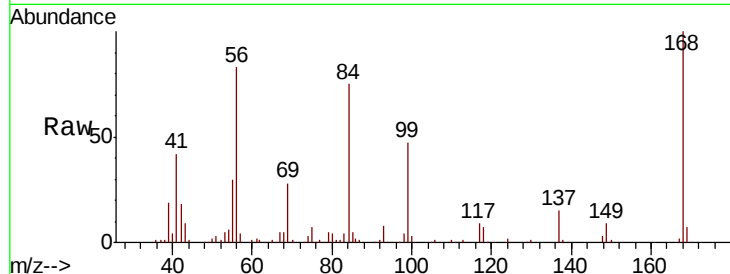




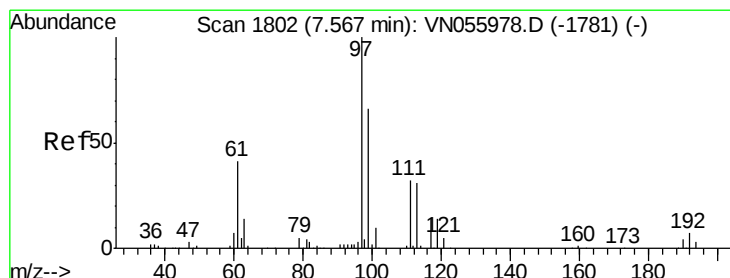
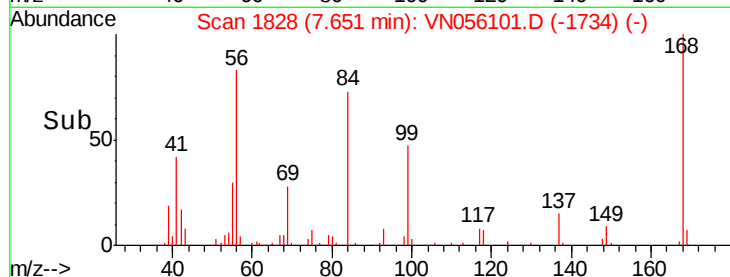
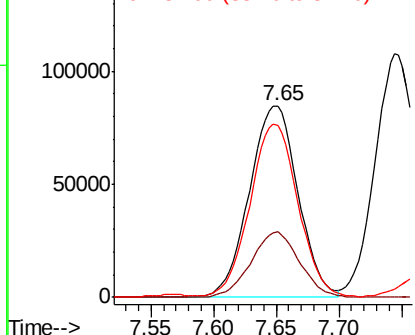
#31
Cyclohexane
Concen: 46.775 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 228599
Ion Ratio Lower Upper
56 100
69 34.1 25.6 38.4
84 88.4 67.4 101.0

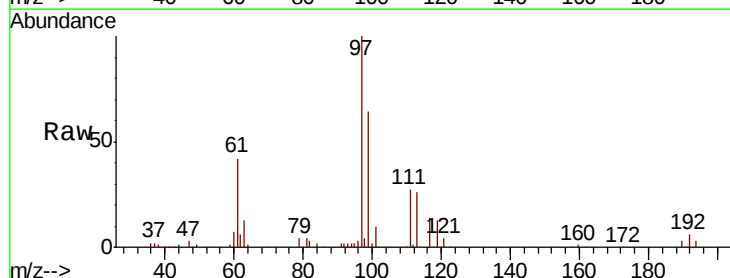


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

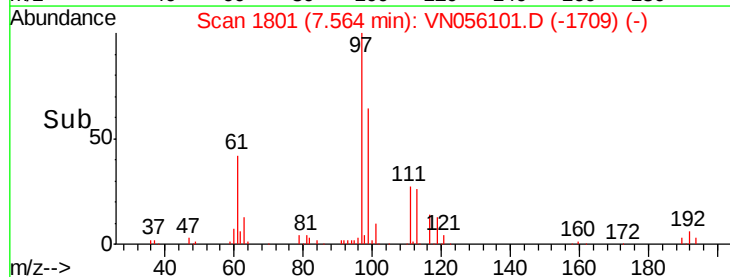
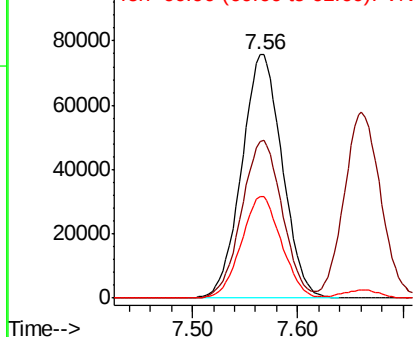


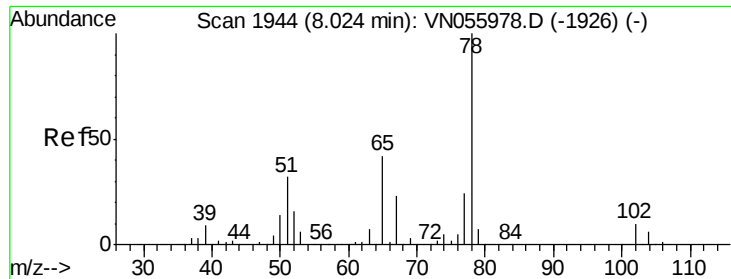
#32
1,1,1-Trichloroethane
Concen: 49.196 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 97 Resp: 202629
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 41.4 32.9 49.3



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

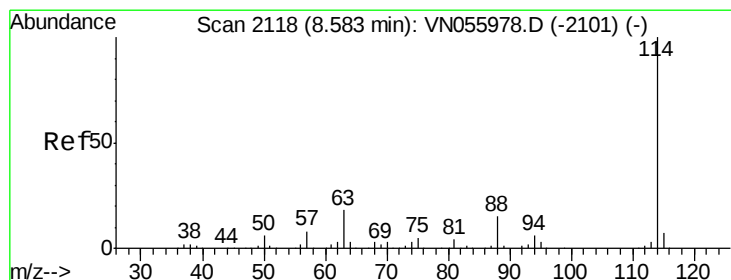
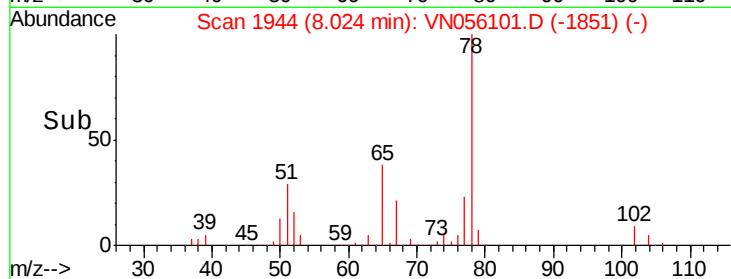
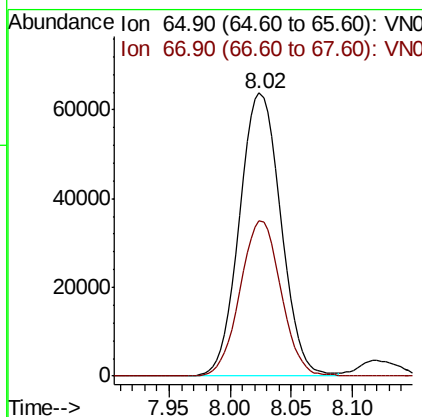
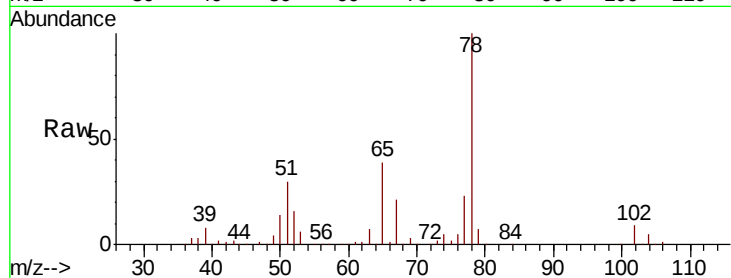




#33
 1,2-Dichloroethane-d4
 Concen: 48.699 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

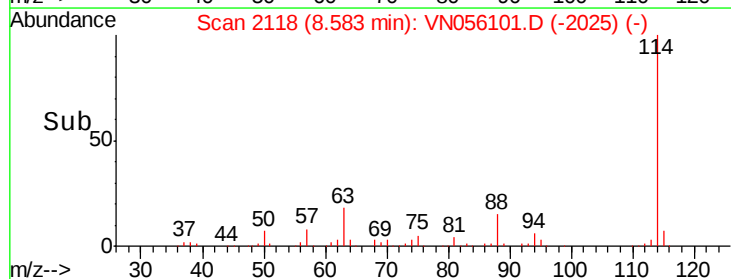
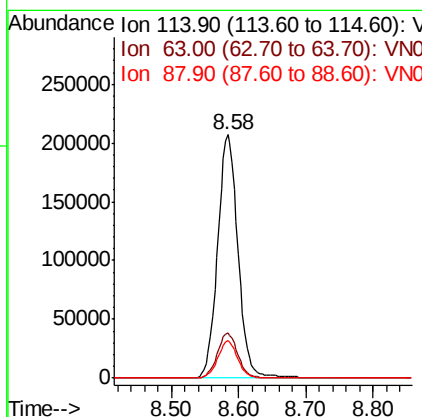
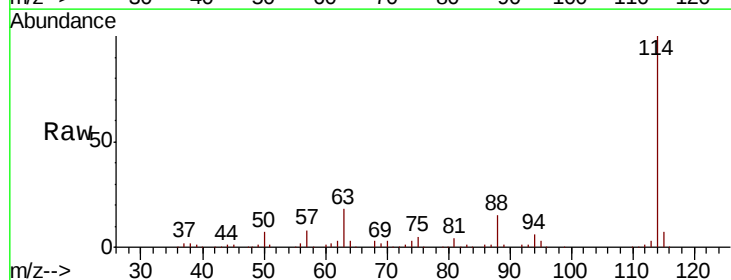
Instrument :
 MSVOA_N
 ClientSampled :

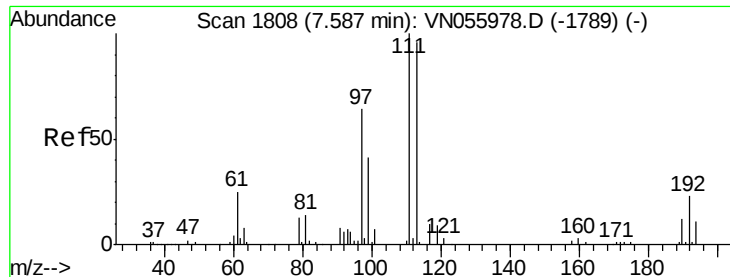
Tot Ion: 65 Resp: 149991
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 114 Resp: 439041
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.2 0.0 31.0

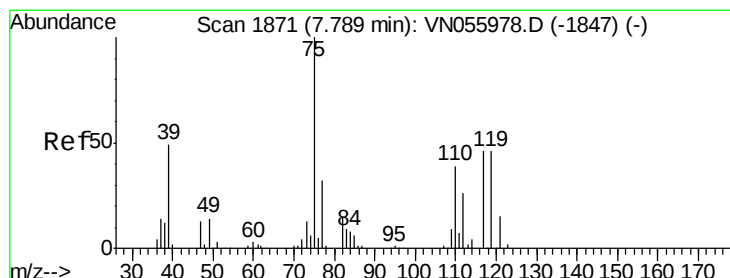
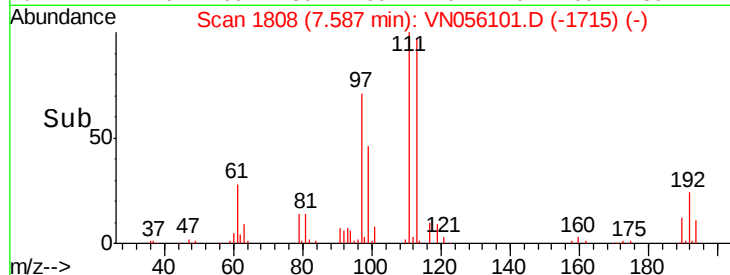
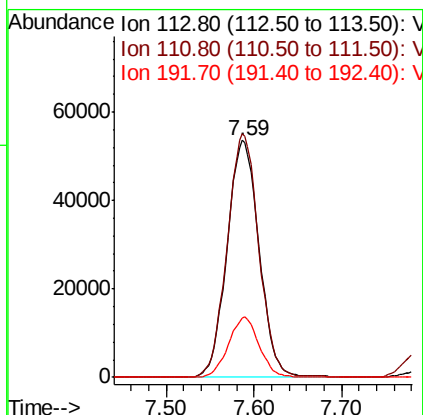
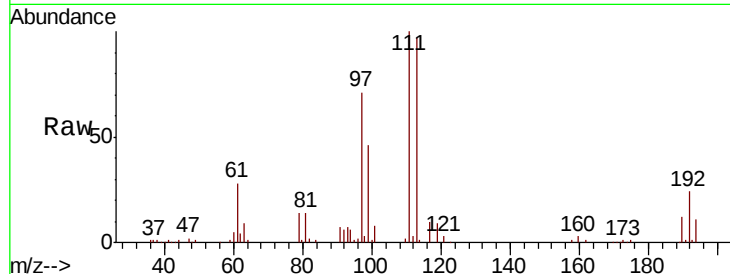




#35
 Dibromofluoromethane
 Concen: 50.487 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

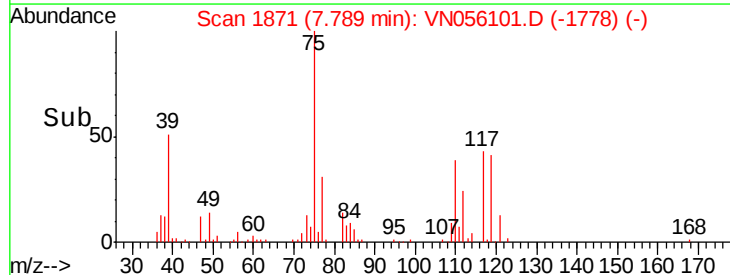
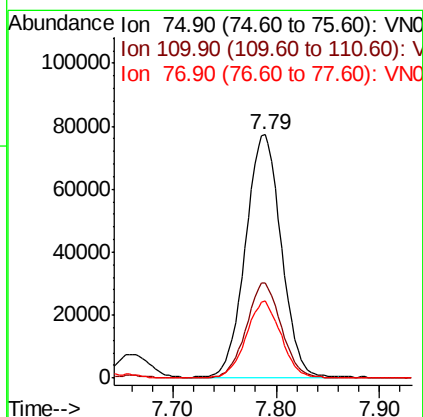
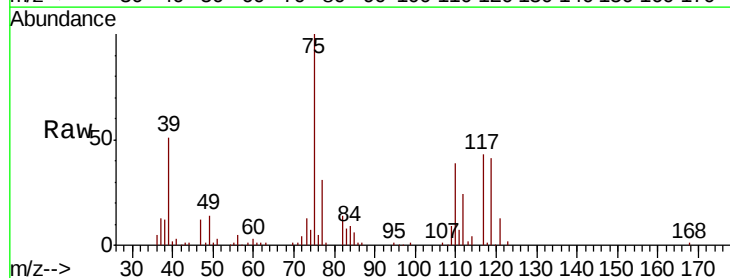
Instrument :
 MSVOA_N
 ClientSampleId :

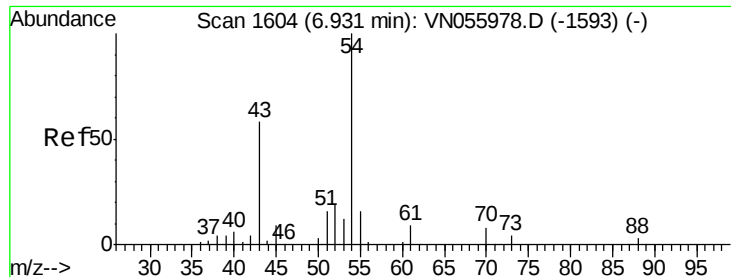
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	24.1	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 48.991 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.0	57.0
77	31.2	25.1	37.7

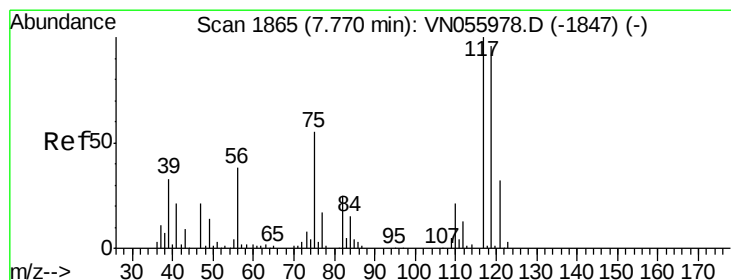
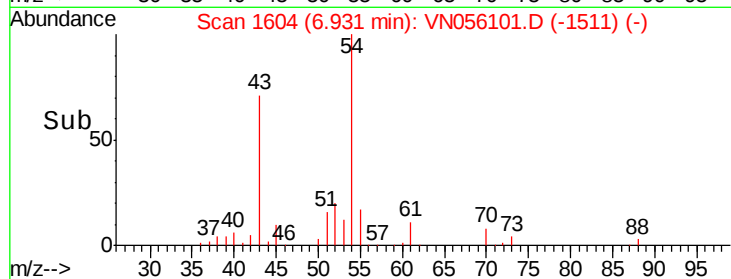
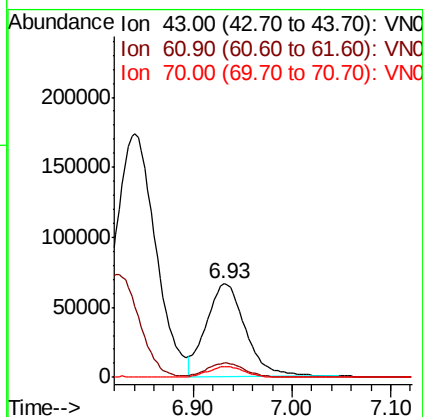
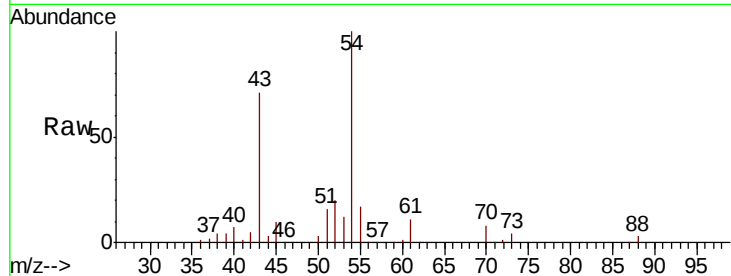




#37
Ethyl Acetate
Concen: 54.876 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

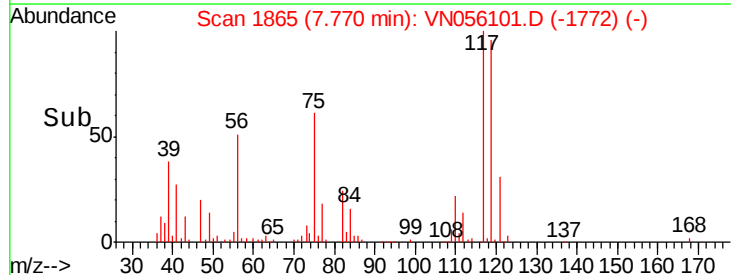
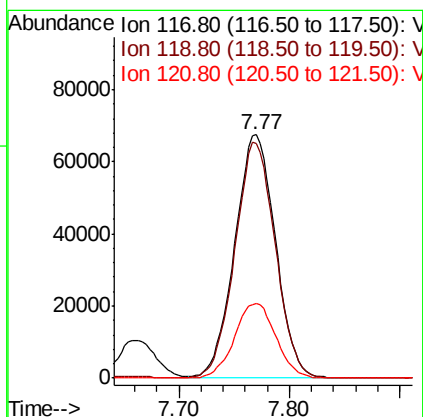
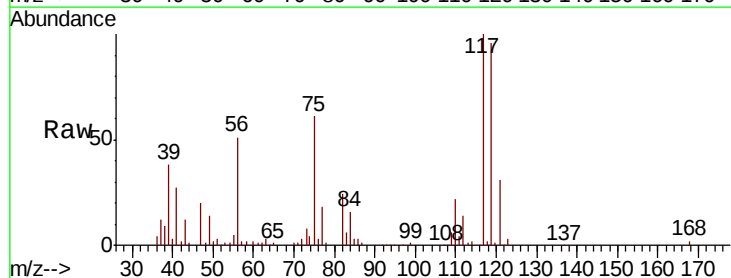
Instrument :
MSVOA_N
ClientSampled :

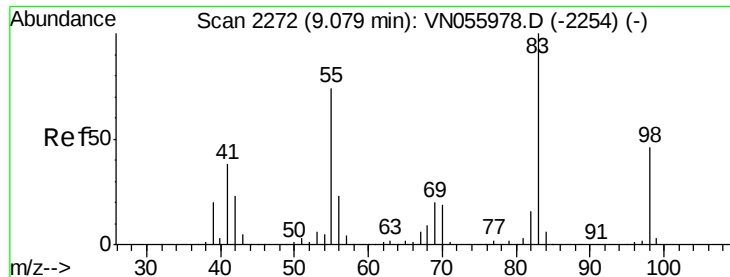
Tot Ion: 43 Resp: 184327
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 11.1 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.748 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 117 Resp: 173148
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
121 30.5 24.7 37.1

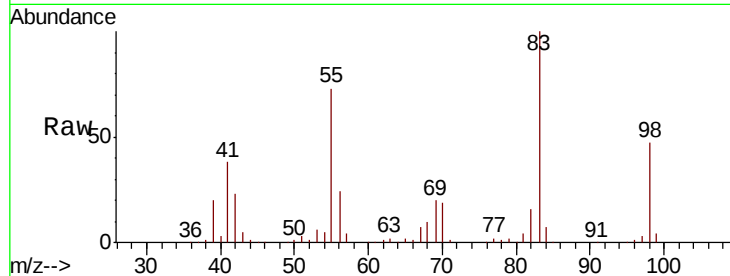




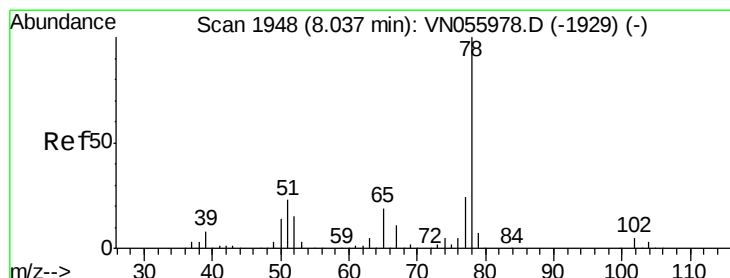
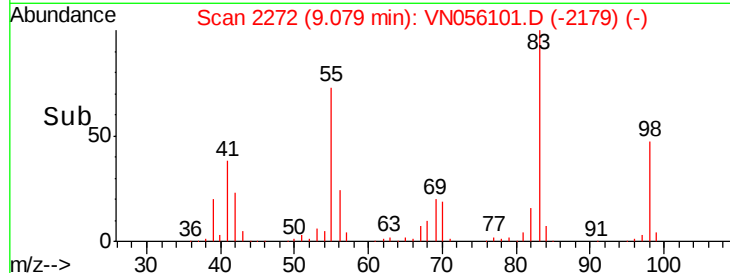
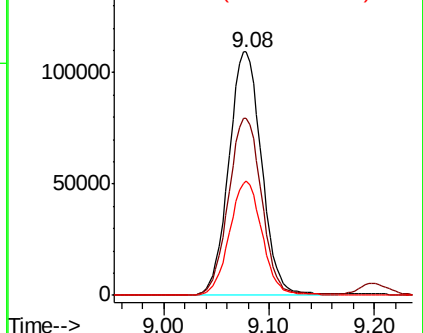
#39
Methvlcvclohexane
Concen: 50.114 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 235673
Ion Ratio Lower Upper
83 100
55 72.8 59.3 88.9
98 46.9 36.6 54.8

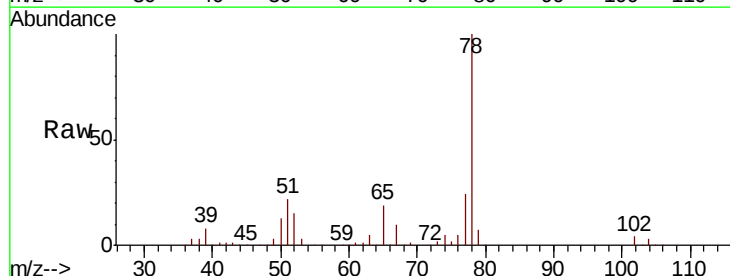


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

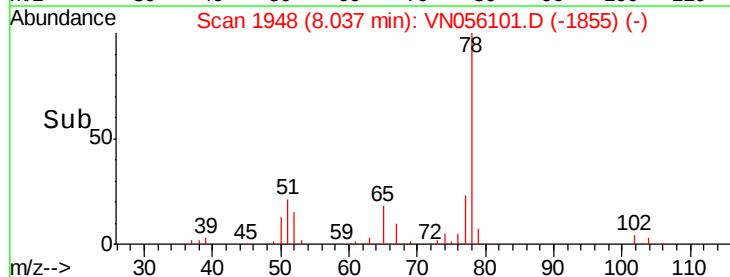
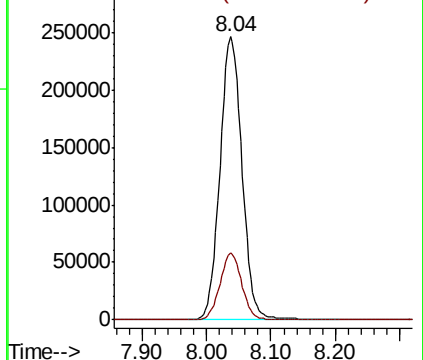


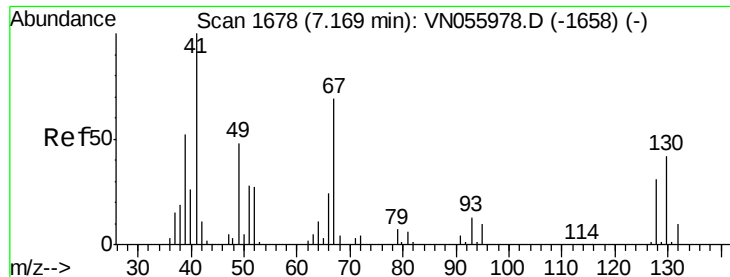
#40
Benzene
Concen: 50.986 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 78 Resp: 584598
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

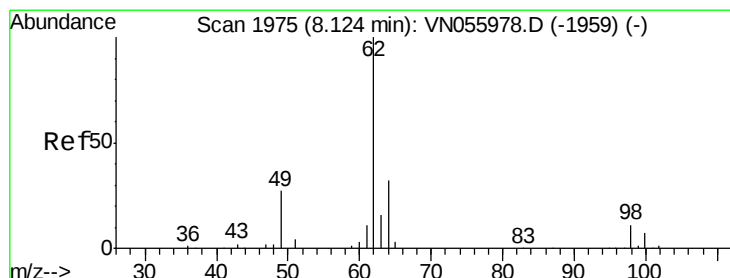
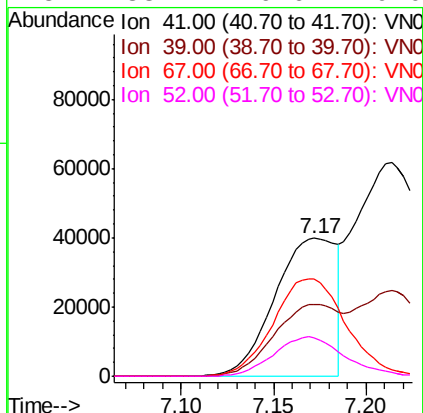
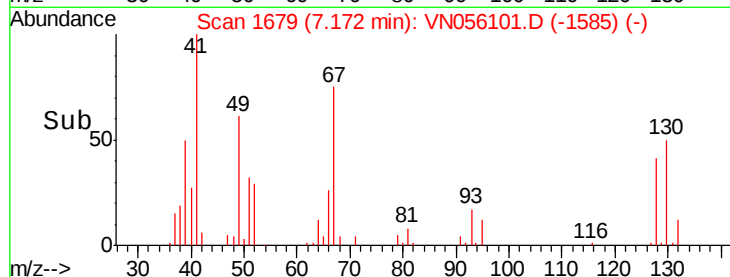
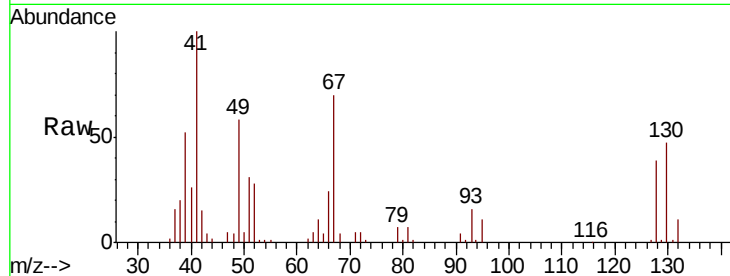




#41
Methacrylonitrile
Concen: 59.851 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

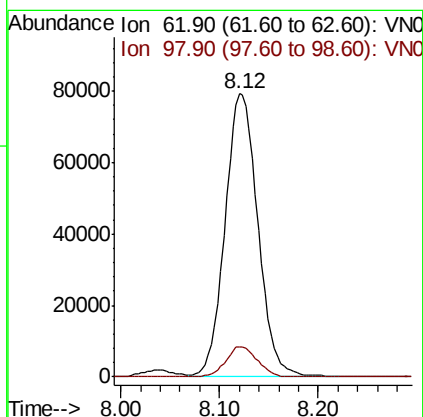
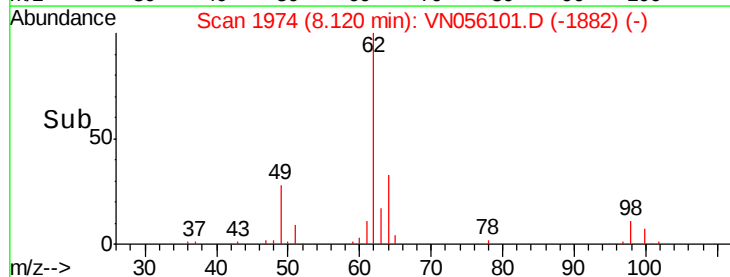
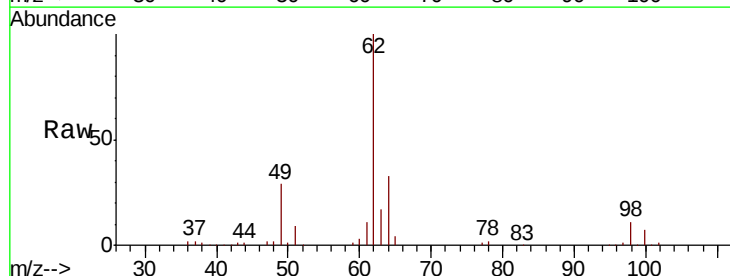
Instrument :
MSVOA_N
ClientSampled :

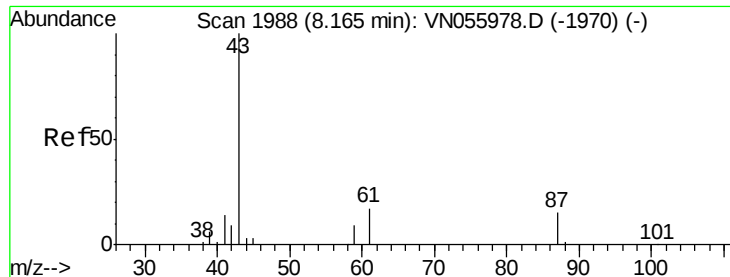
Tot Ion: 41 Resp: 92496
Ion Ratio Lower Upper
41 100
39 55.7 45.6 68.4
67 84.4 67.7 101.5
52 33.4 26.6 40.0



#42
1,2-Dichloroethane
Concen: 49.723 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 62 Resp: 183389
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 52.967 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

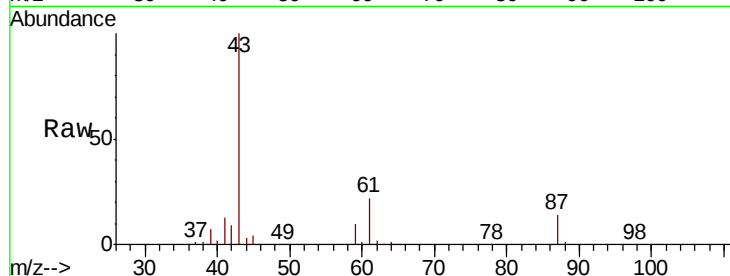
Tot Ion: 43 Resp: 288306

Ion Ratio Lower Upper

43 100

61 21.9 22.2 33.4#

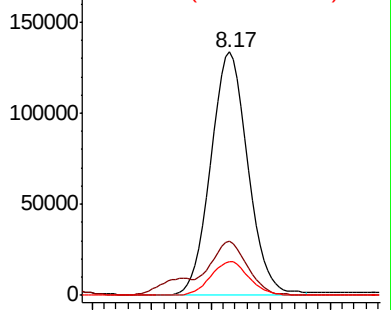
87 14.2 11.4 17.2



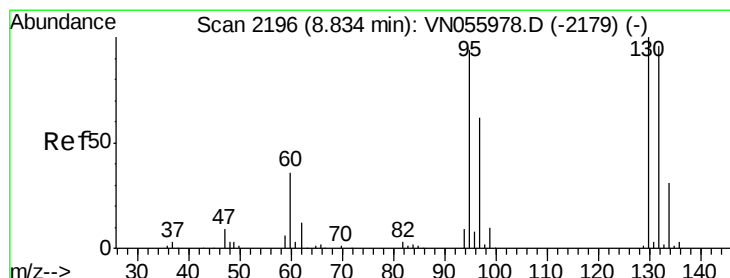
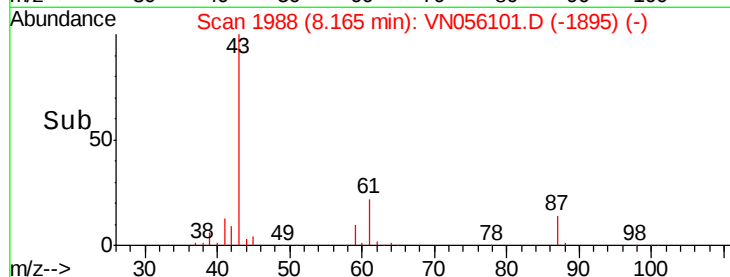
Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

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

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



Time-->



#44

Trichloroethene

Concen: 49.389 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN056101.D

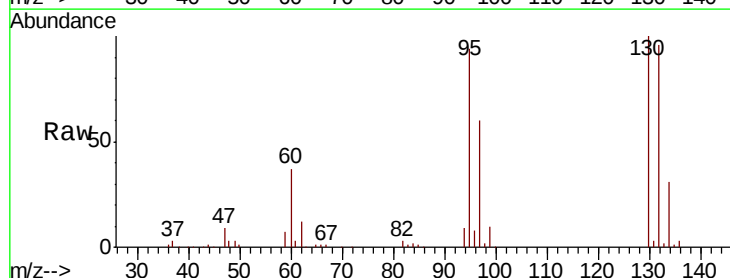
Acq: 7 Jun 2019 16:18

Tgt Ion:130 Resp: 162723

Ion Ratio Lower Upper

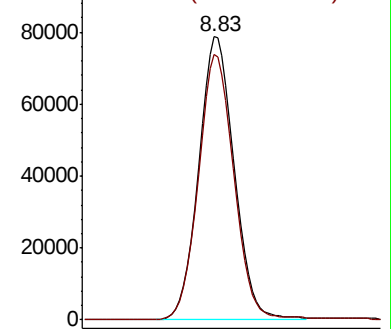
130 100

95 93.8 0.0 188.0

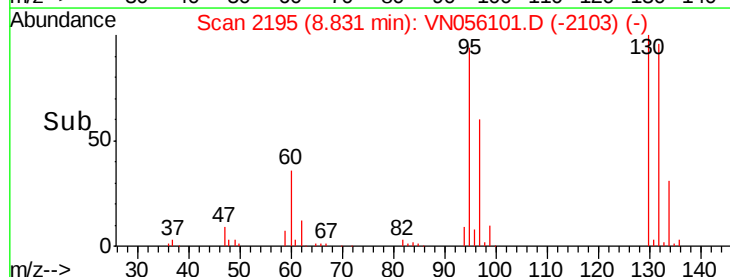


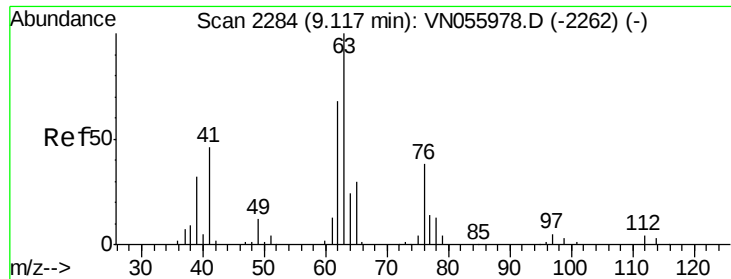
Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

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



Time-->

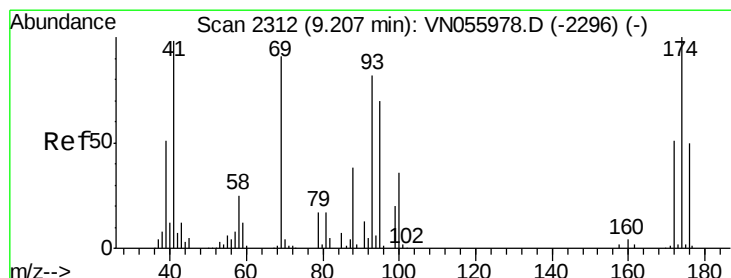
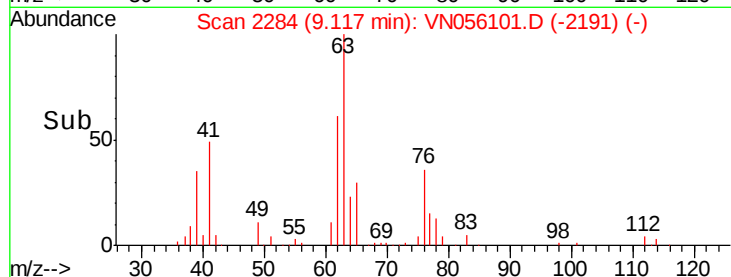
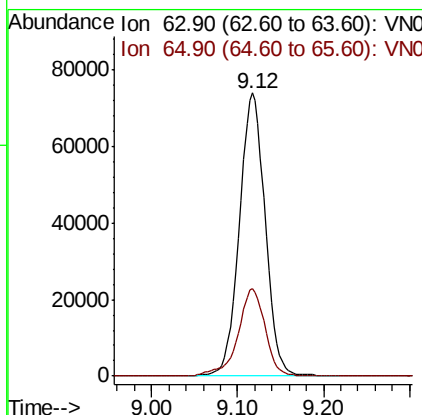
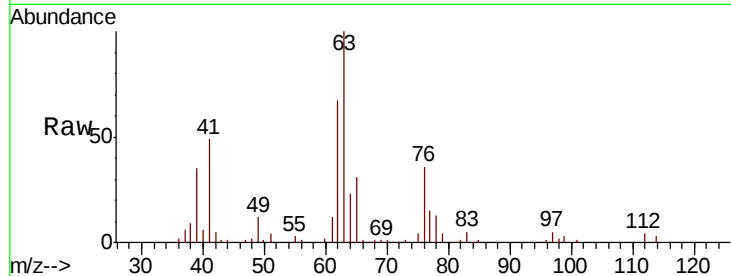




#45
 1,2-Dichloropropane
 Concen: 52.519 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

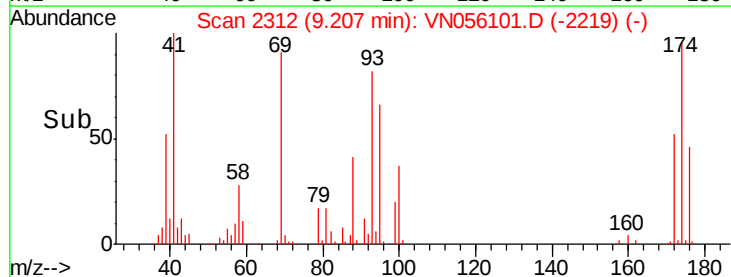
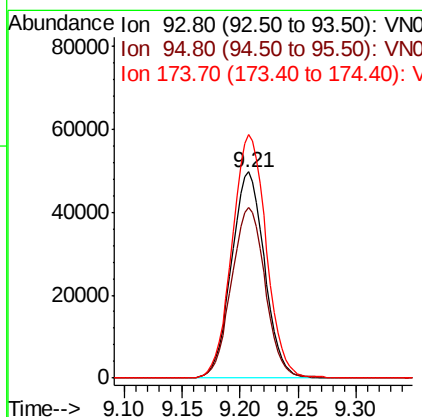
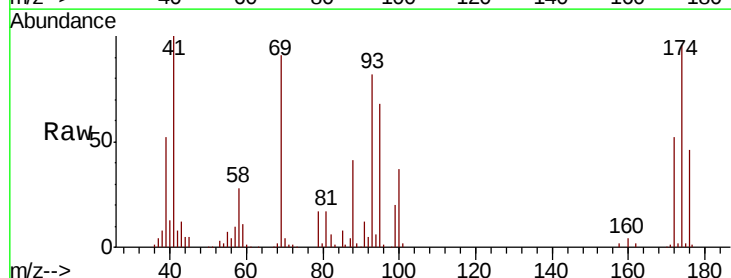
Instrument :
 MSVOA_N
 ClientSampleId :

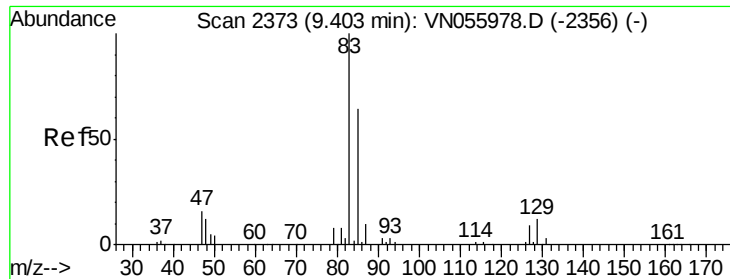
Tot Ion: 63 Resp: 154245
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8



#46
 Dibromomethane
 Concen: 51.332 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion: 93 Resp: 98585
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.7 100.1
 174 121.4 96.4 144.6





#47

Bromodichloromethane

Concen: 51.098 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

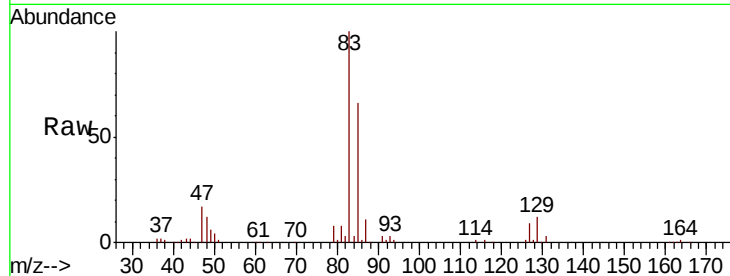
Tot Ion: 83 Resp: 177861

Ion Ratio Lower Upper

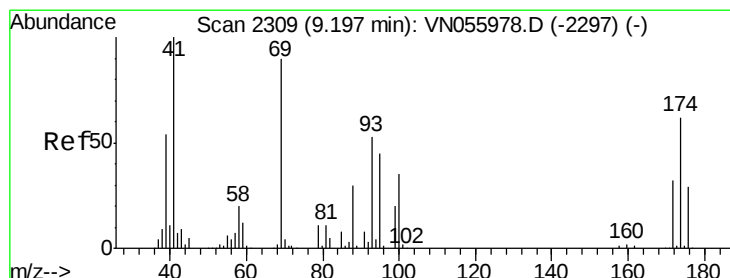
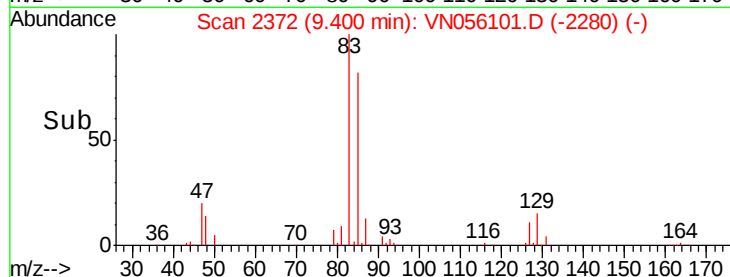
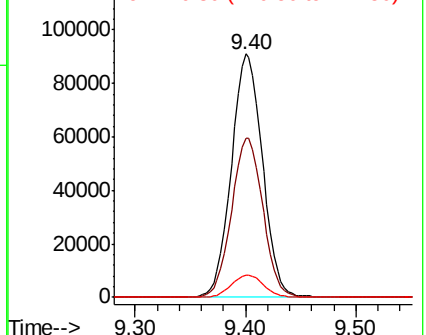
83 100

85 65.5 52.2 78.2

127 9.2 7.4 11.0



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



#48

Methyl methacrylate

Concen: 53.947 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

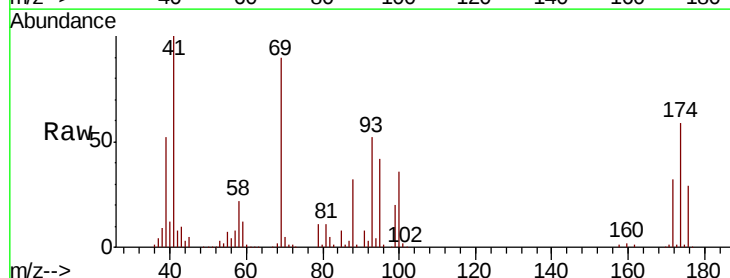
Tgt Ion: 41 Resp: 143655

Ion Ratio Lower Upper

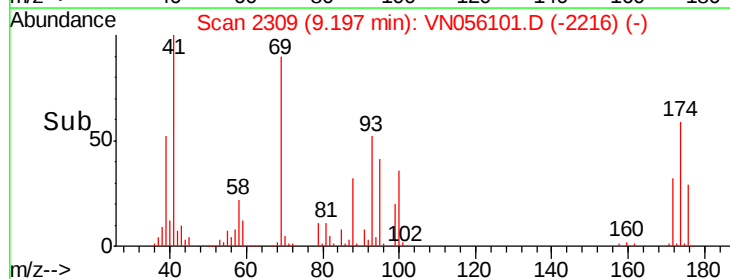
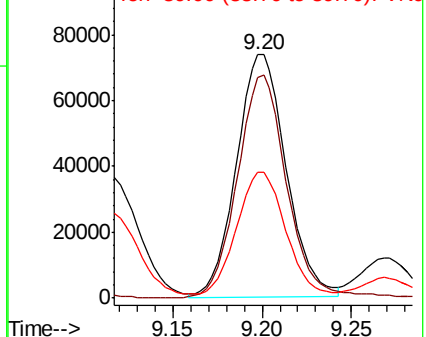
41 100

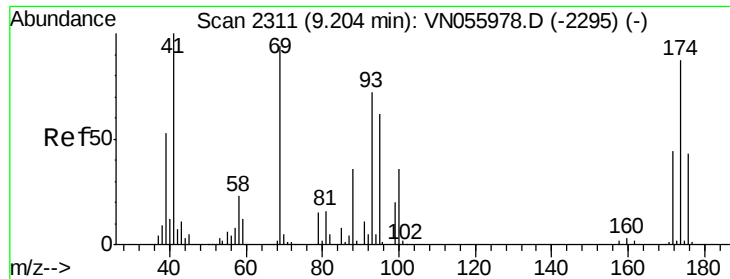
69 91.4 71.0 106.6

39 51.1 44.2 66.2



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

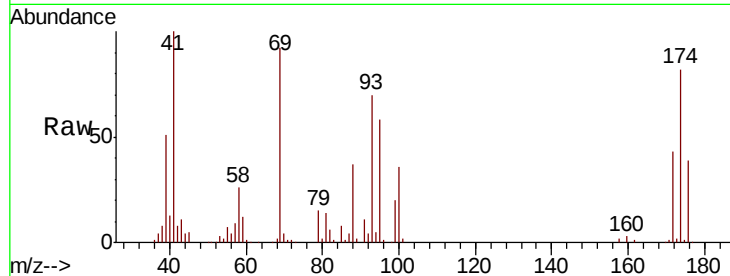




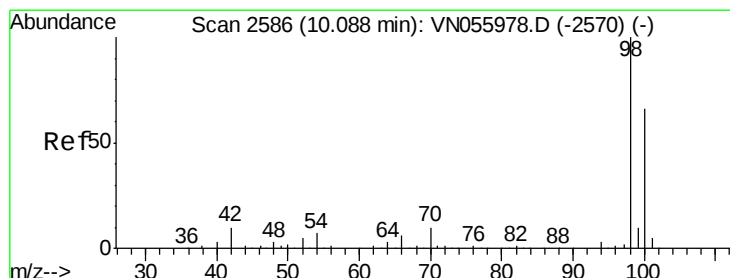
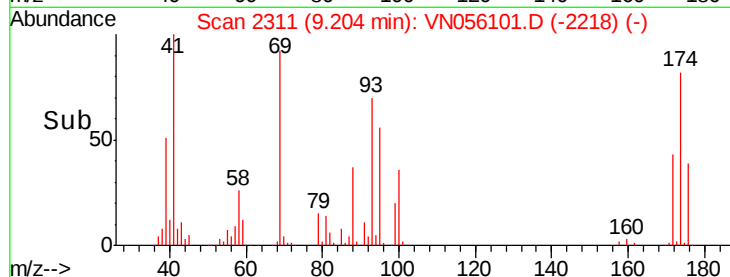
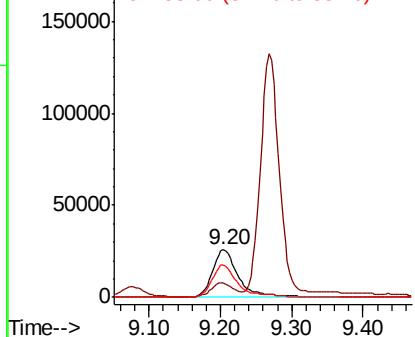
#49
1,4-Dioxane
Concen: 1136.945 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 65362
Ion Ratio Lower Upper
88 100
43 24.6 20.5 30.7
58 68.5 55.8 83.6

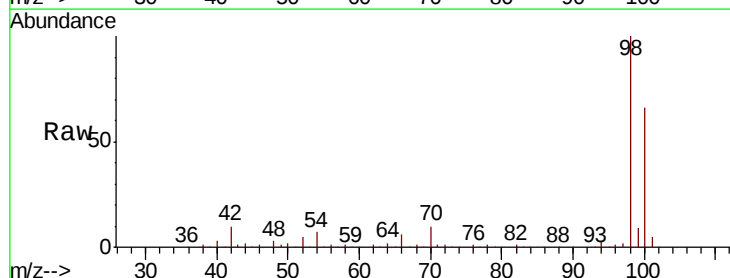


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

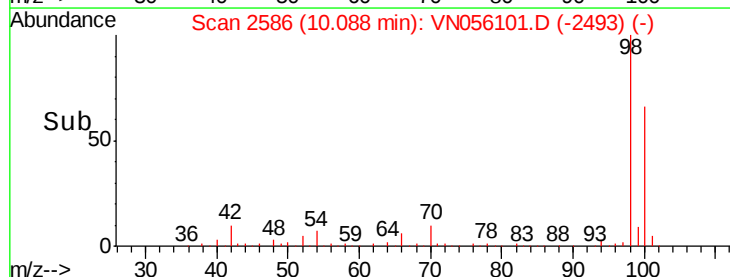
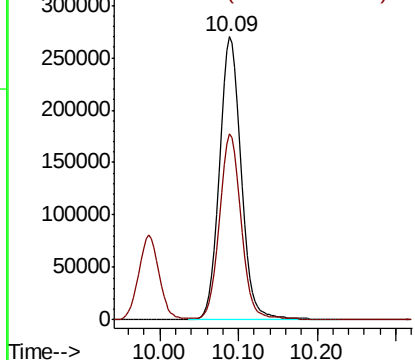


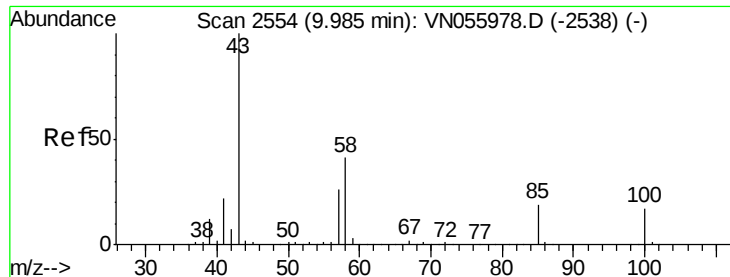
#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 98 Resp: 514812
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 271.625 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

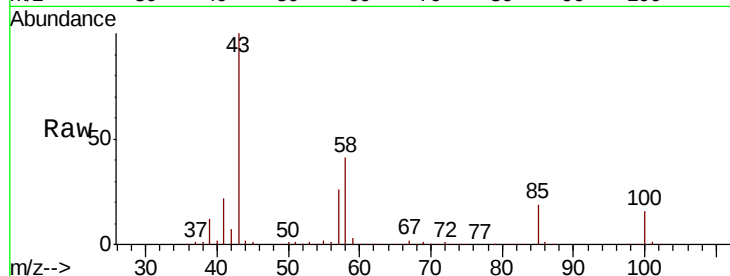
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 924567

Ion Ratio Lower Upper

43 100

58 40.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

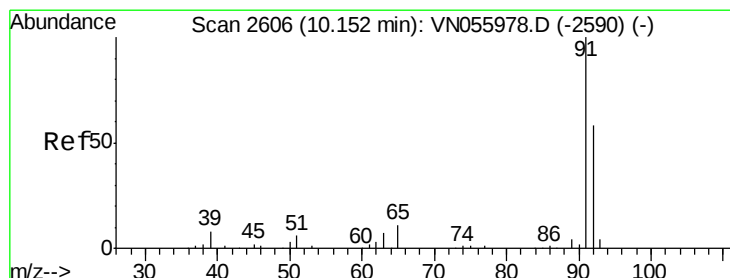
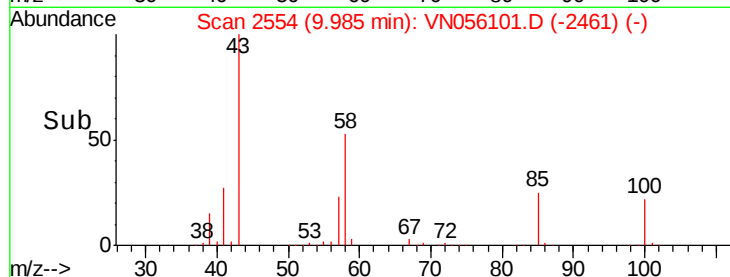
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.818 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056101.D

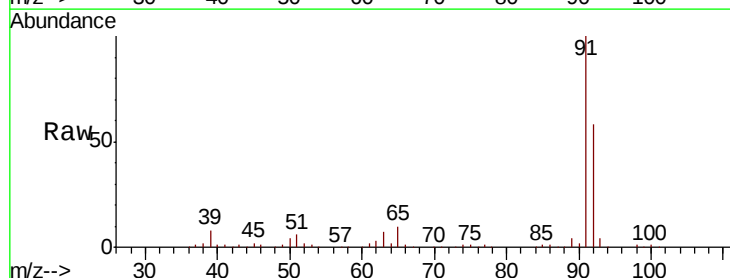
Acq: 7 Jun 2019 16:18

Tgt Ion: 92 Resp: 369713

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.15

400000

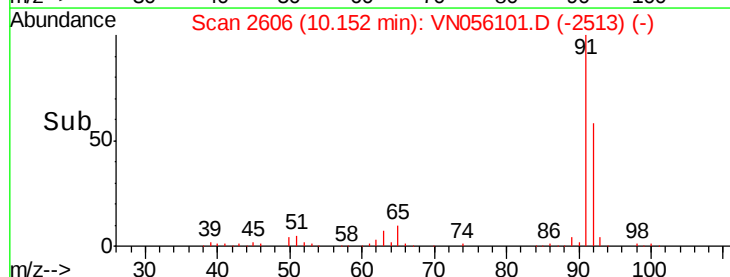
300000

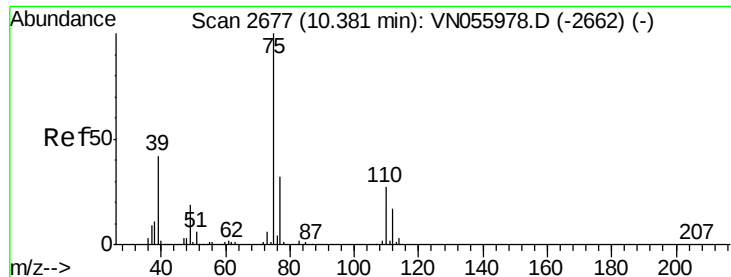
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.871 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

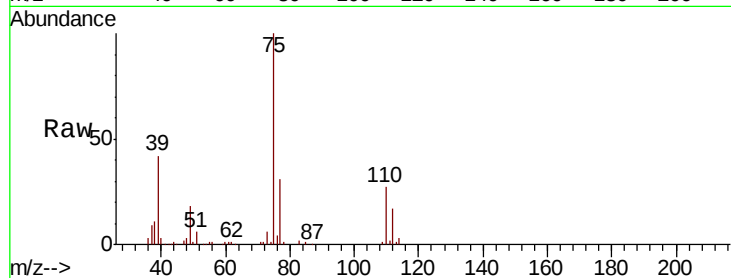
ClientSampleId :

Tot Ion: 75 Resp: 190634

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN056101.D (-2583) (-)

Ion 76.90 (76.60 to 77.60): VN056101.D (-2583) (-)

10.38

120000

100000

80000

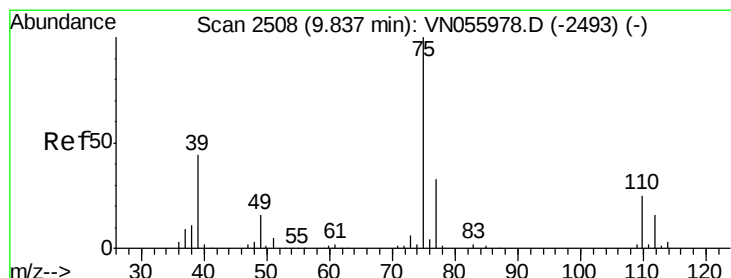
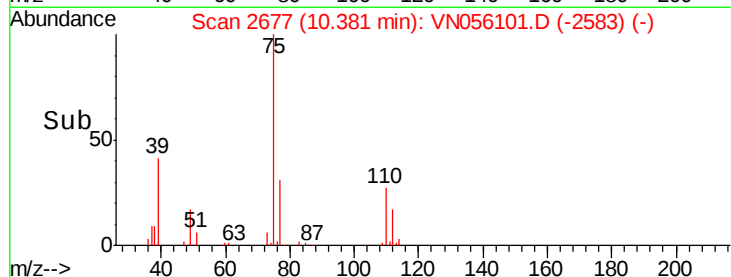
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.057 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

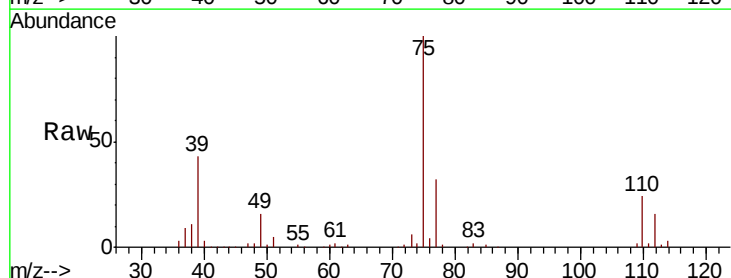
Tgt Ion: 75 Resp: 221989

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 43.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN056101.D (-2415) (-)

Ion 76.90 (76.60 to 77.60): VN056101.D (-2415) (-)

Ion 39.00 (38.70 to 39.70): VN056101.D (-2415) (-)

9.84

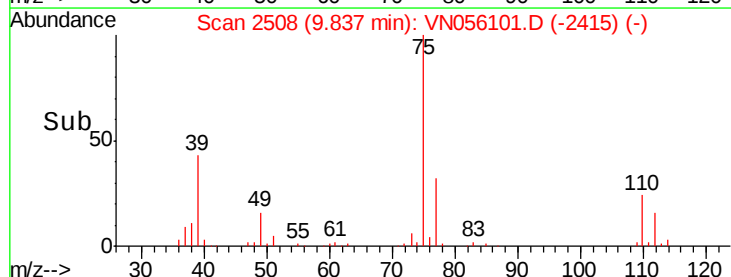
150000

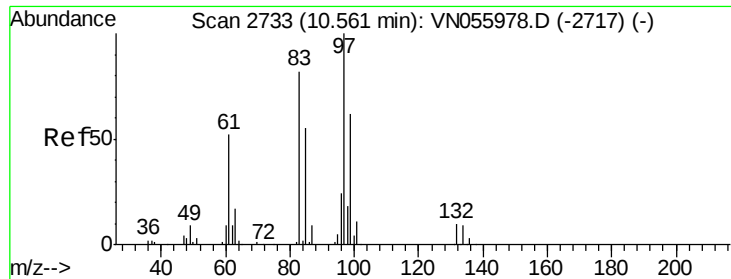
100000

50000

0

Time-->

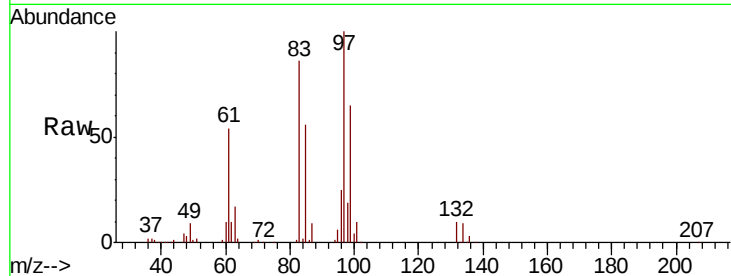




#55
 1,1,2-Trichloroethane
 Concen: 52.275 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	147740
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.0	100.6
85	56.0	44.0	66.0
99	64.7	50.6	75.8



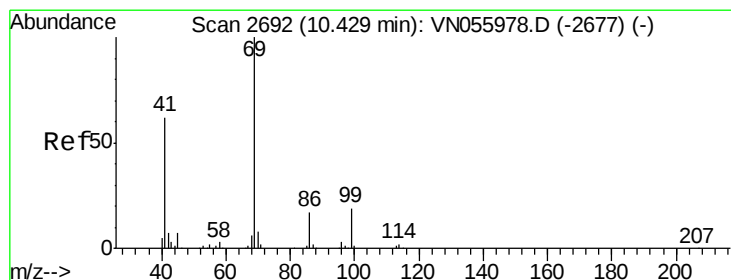
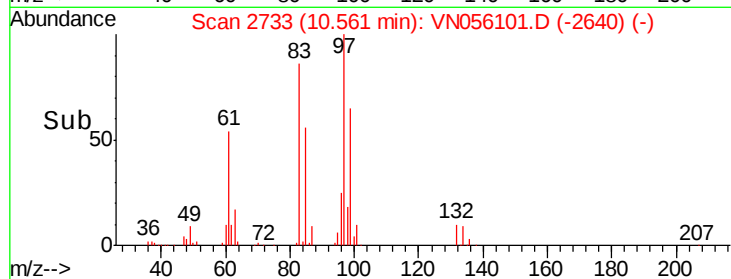
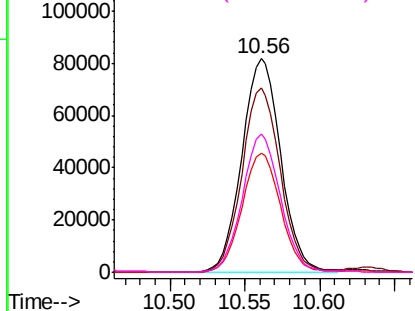
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

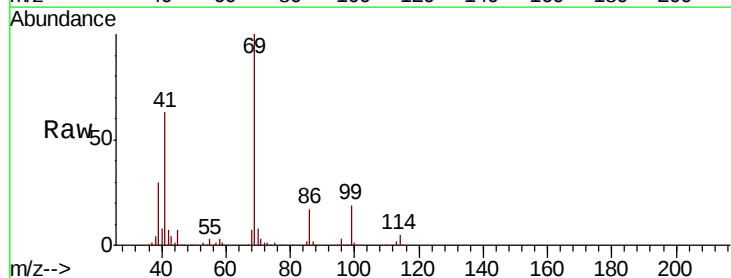
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 54.115 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion:	69	Resp:	223125
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.7	74.5
39	29.1	24.7	37.1

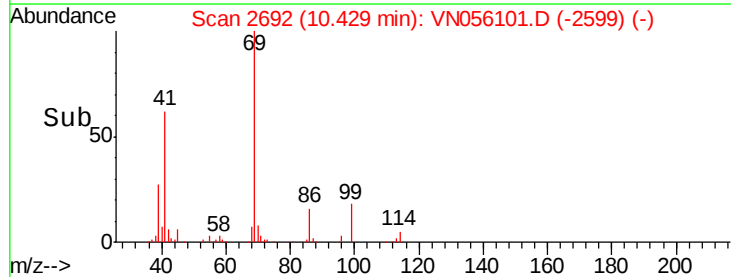
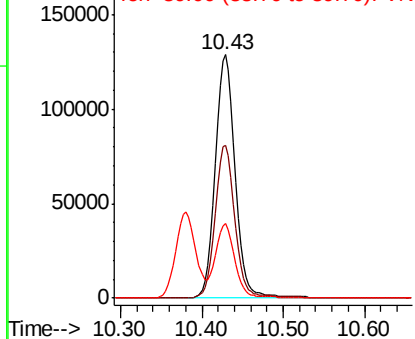


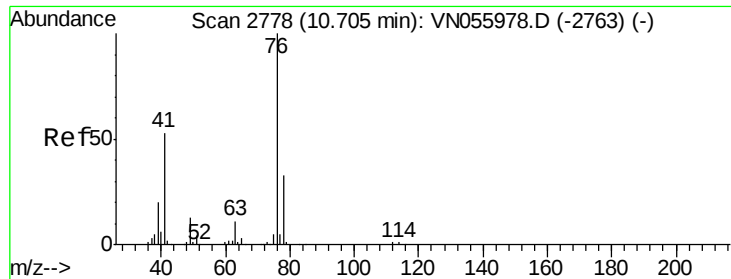
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.617 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

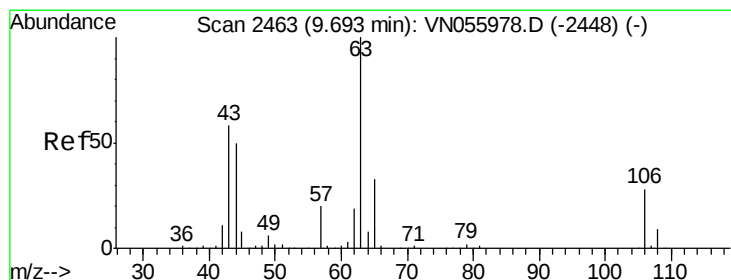
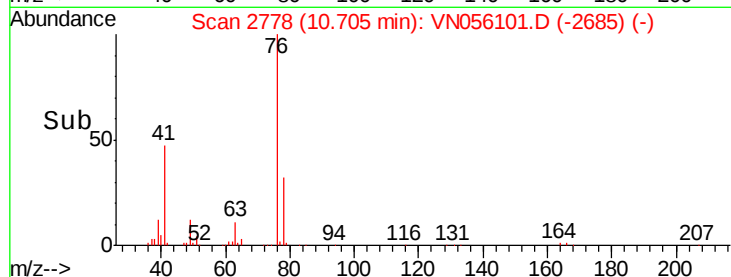
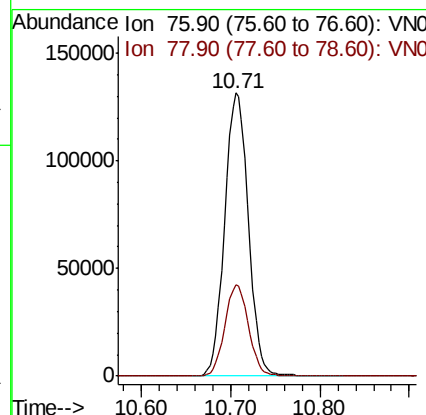
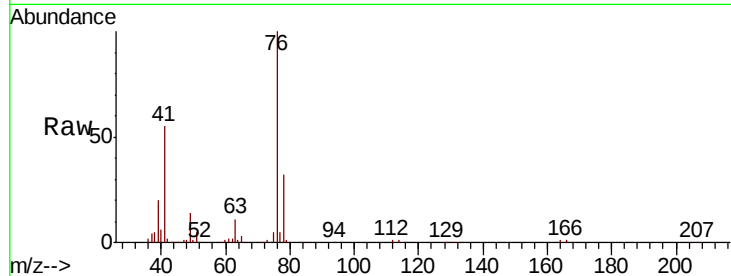
ClientSampled :

Tot Ion: 76 Resp: 241743

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 250.786 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056101.D

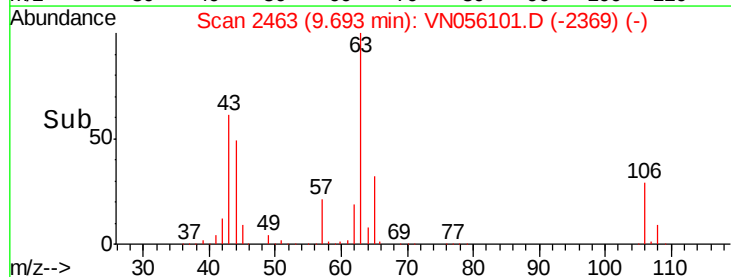
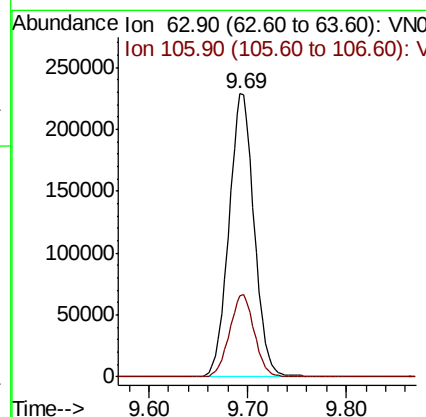
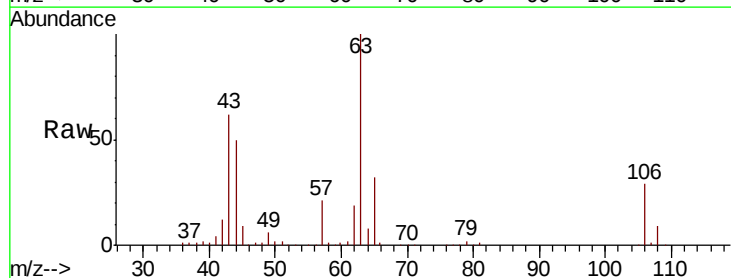
Acq: 7 Jun 2019 16:18

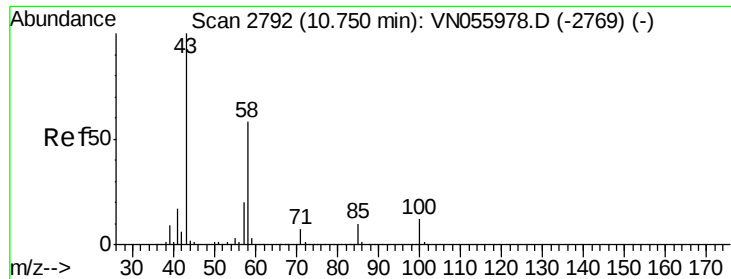
Tgt Ion: 63 Resp: 410056

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1

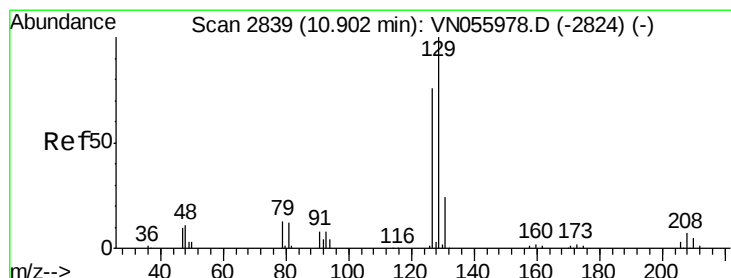
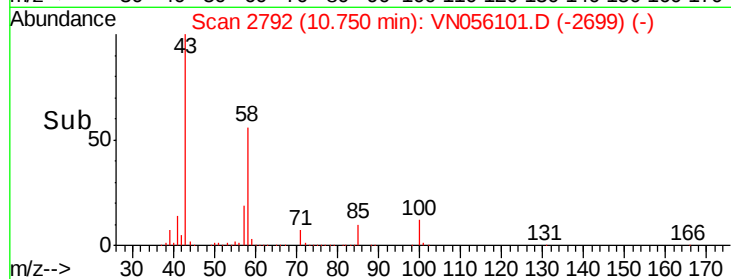
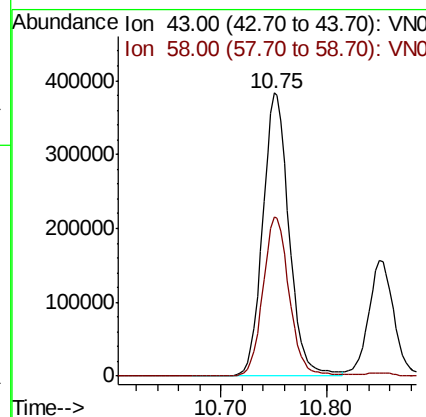
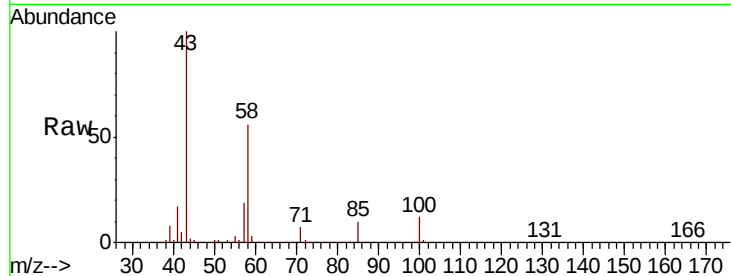




#59
2-Hexanone
Concen: 270.100 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

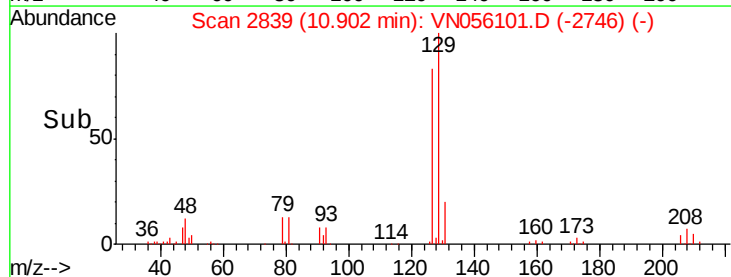
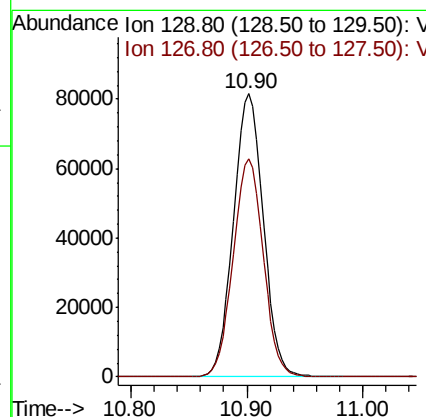
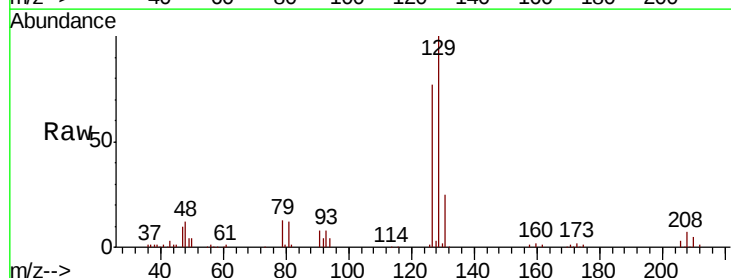
Instrument :
MSVOA_N
ClientSampled :

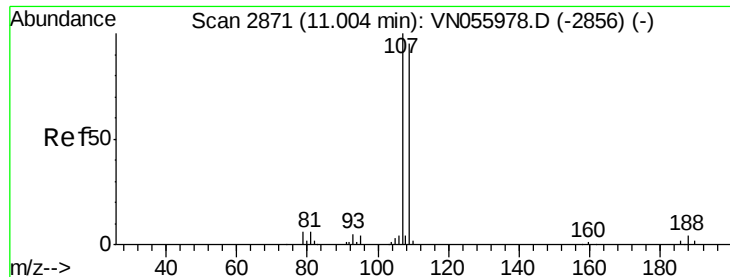
Tot Ion: 43 Resp: 666344
Ion Ratio Lower Upper
43 100
58 56.6 28.2 84.7



#60
Dibromochloromethane
Concen: 46.771 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 129 Resp: 145270
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.038 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

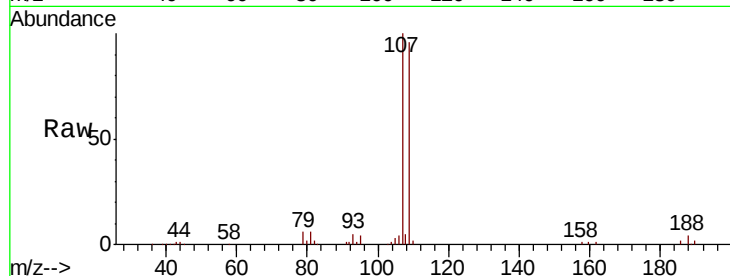
ClientSampleId :

Tot Ion: 107 Resp: 153241

Ion Ratio Lower Upper

107 100

109 95.4 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

80000

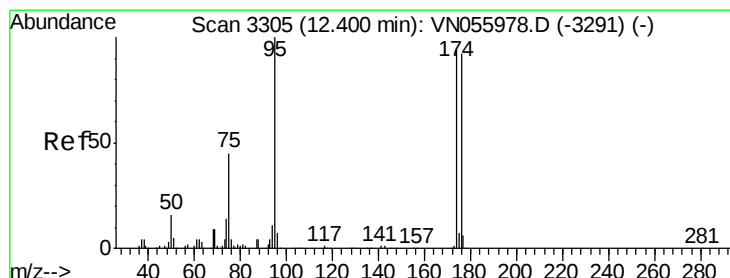
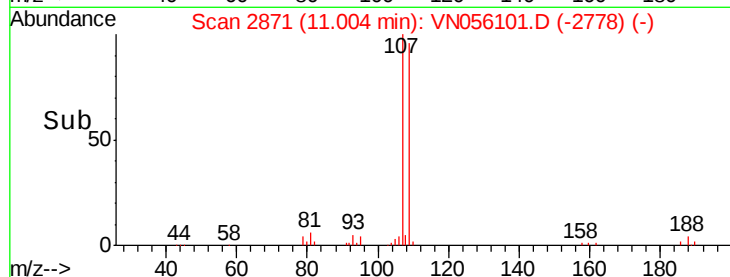
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 51.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

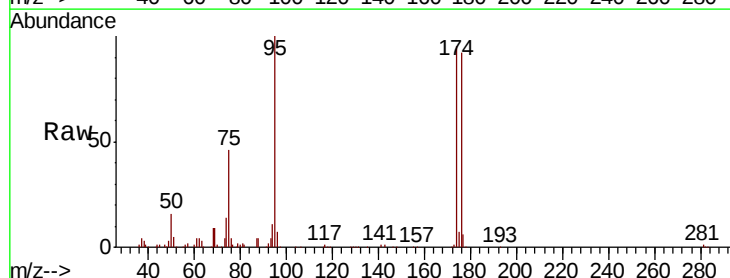
Tgt Ion: 95 Resp: 181151

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

176 91.4 0.0 185.2



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

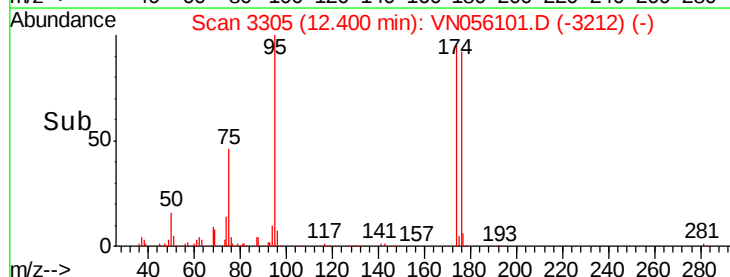
12.40

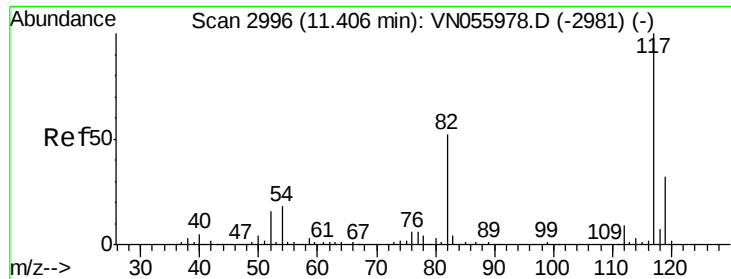
100000

50000

0

Time--> 12.35 12.40 12.45 12.50

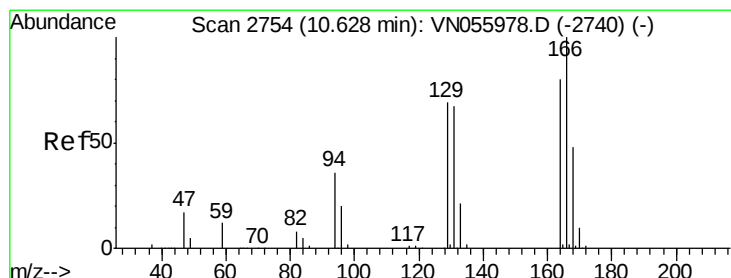
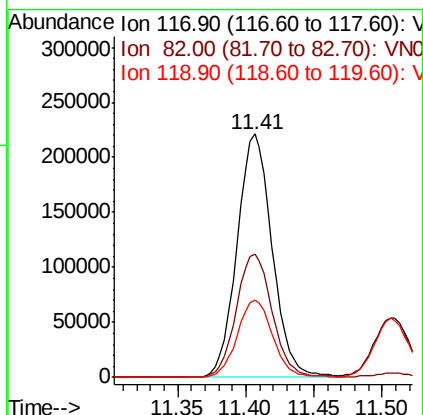
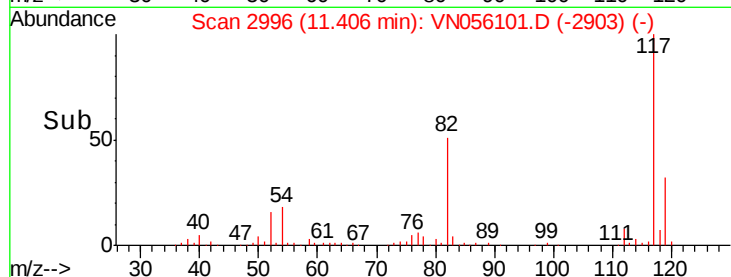
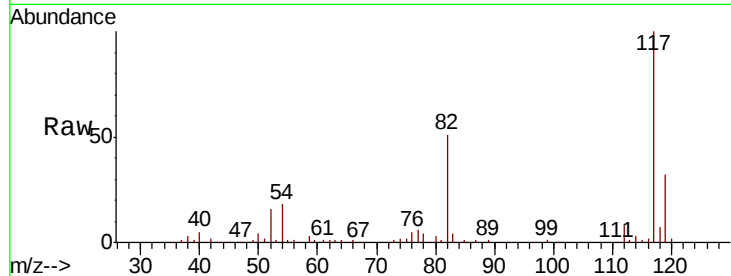




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

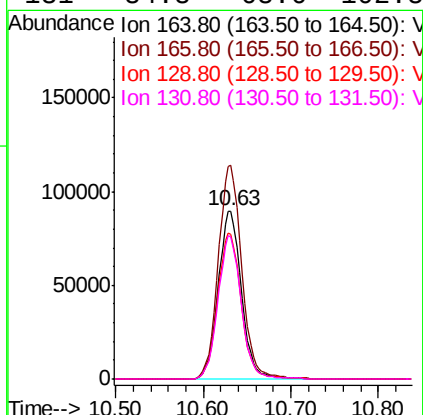
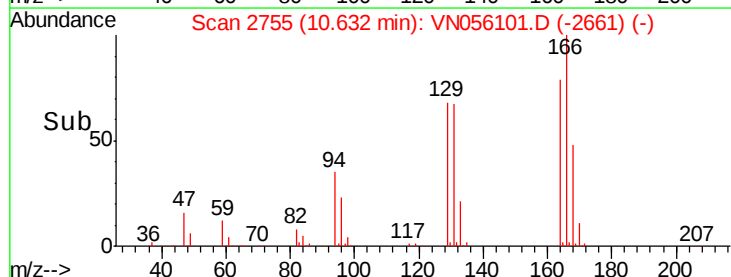
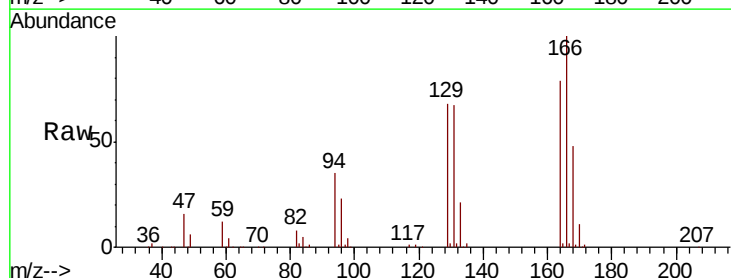
Instrument :
MSVOA_N
ClientSampled :

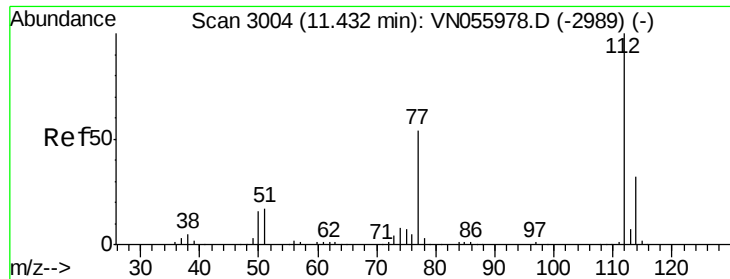
Tot Ion:117 Resp: 395942
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 48.306 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion:164 Resp: 165559
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 86.0 70.6 105.8
131 84.8 68.6 102.8

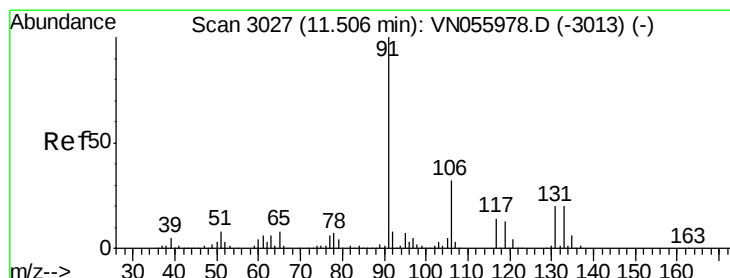
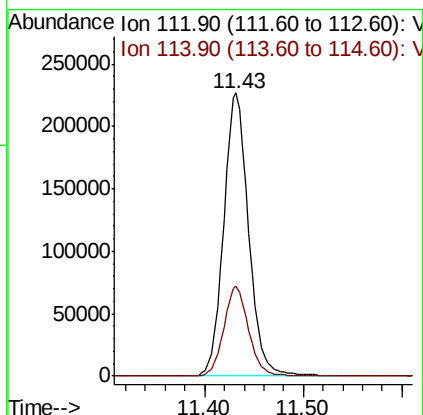
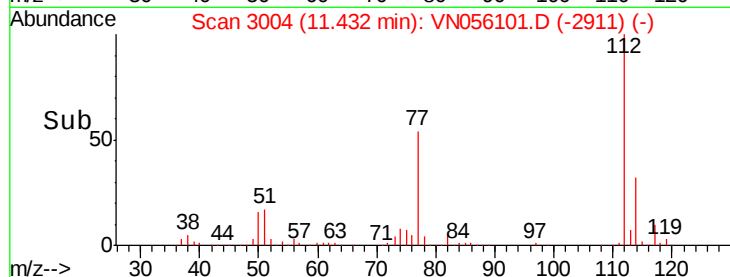
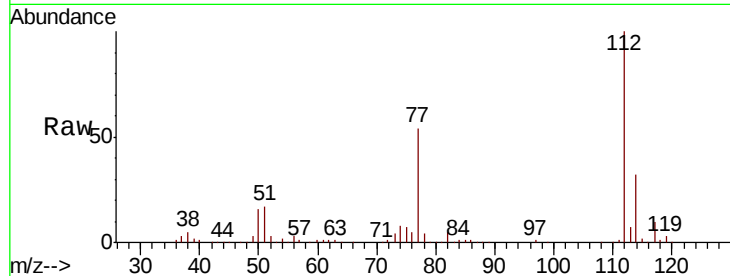




#65
Chlorobenzene
Concen: 50.918 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

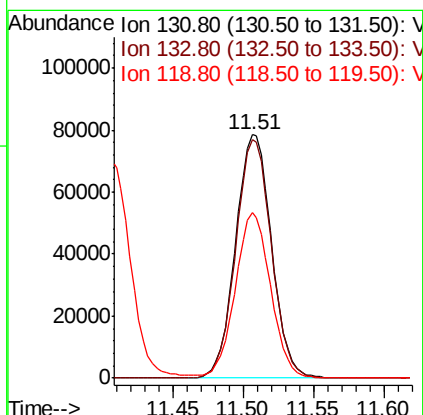
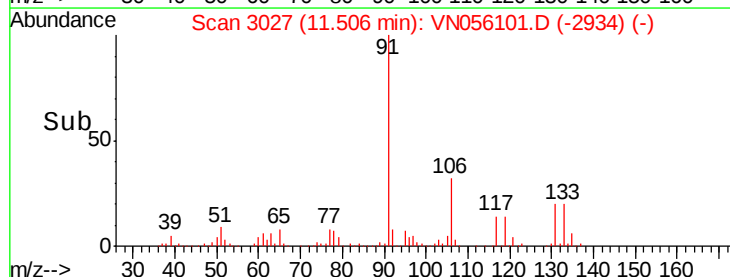
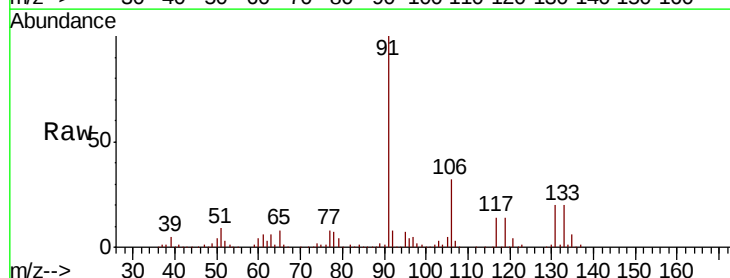
Instrument :
MSVOA_N
ClientSampled :

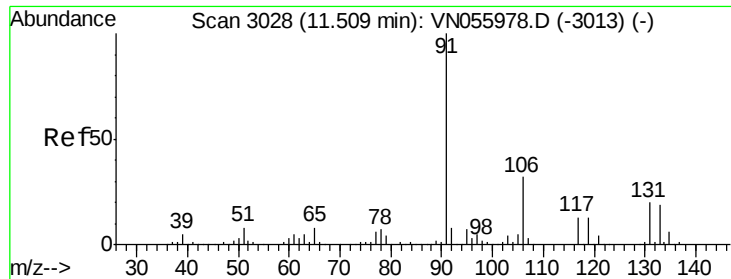
Tot Ion:112 Resp: 401233
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.565 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion:131 Resp: 140303
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 66.9 33.1 99.5

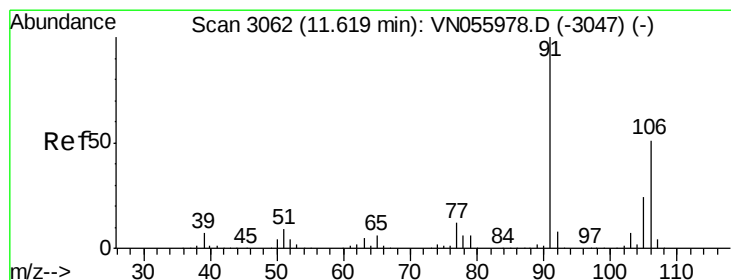
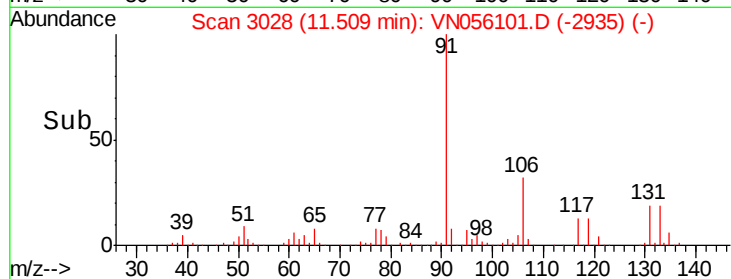
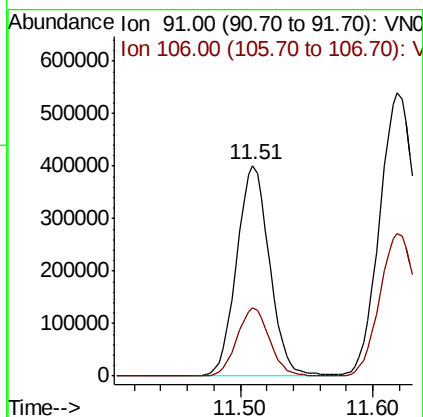
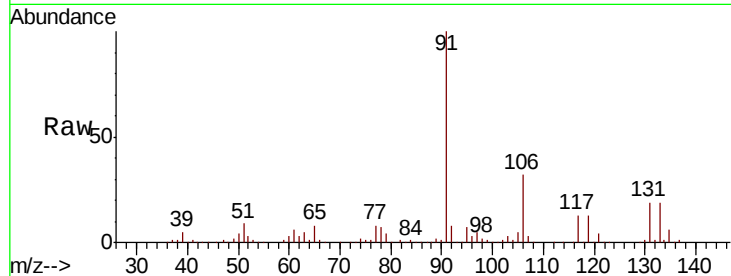




#67
Ethyl Benzene
Concen: 50.541 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

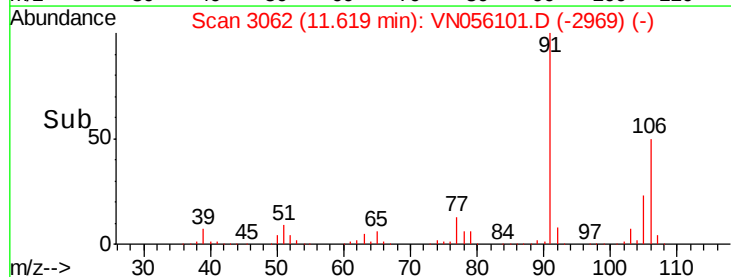
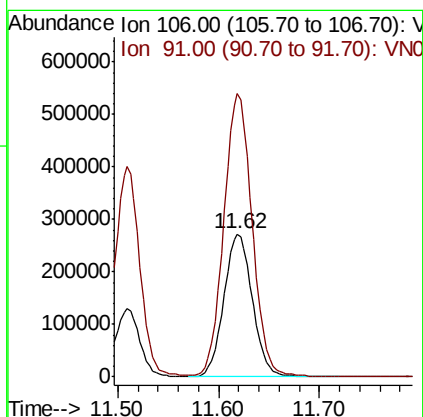
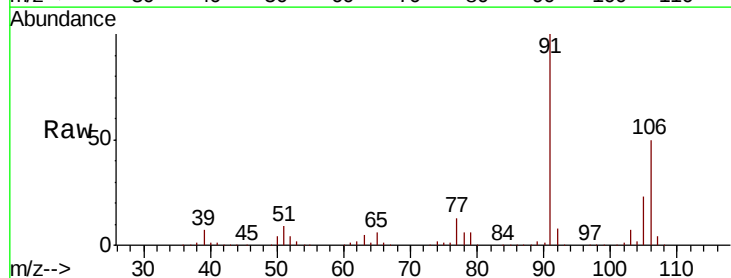
Instrument :
MSVOA_N
ClientSampled :

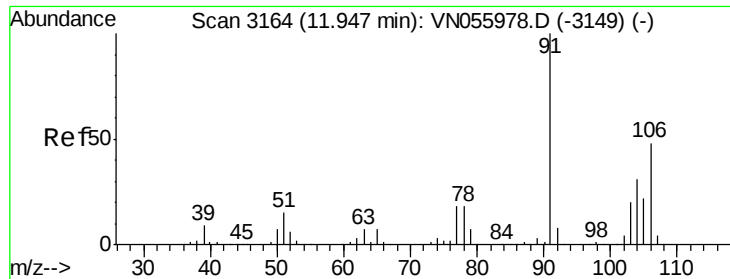
Tot Ion: 91 Resp: 692522
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 102.520 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion: 106 Resp: 536626
Ion Ratio Lower Upper
106 100
91 197.4 159.3 238.9

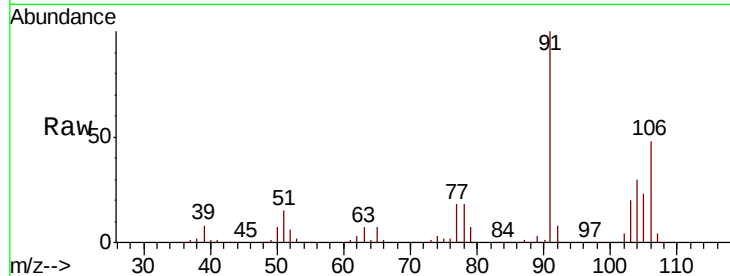




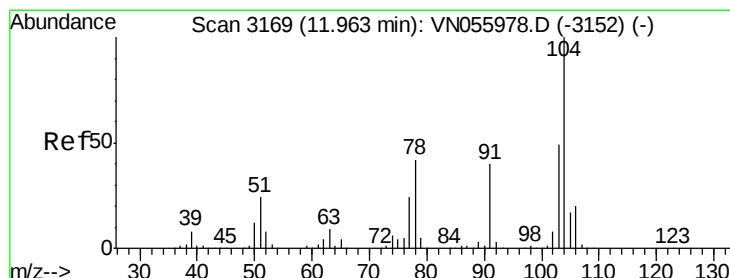
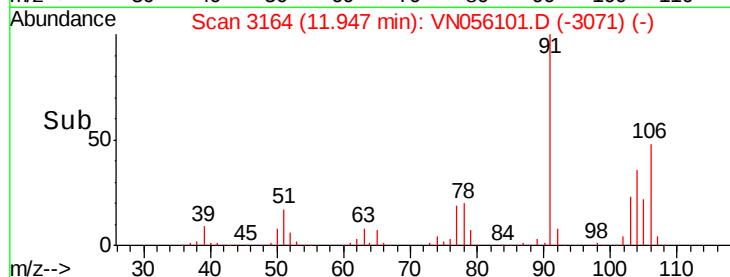
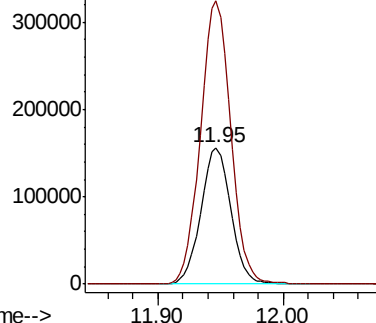
#69
o-Xylene
Concen: 50.415 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 259580
Ion Ratio Lower Upper
106 100
91 209.2 104.7 314.1

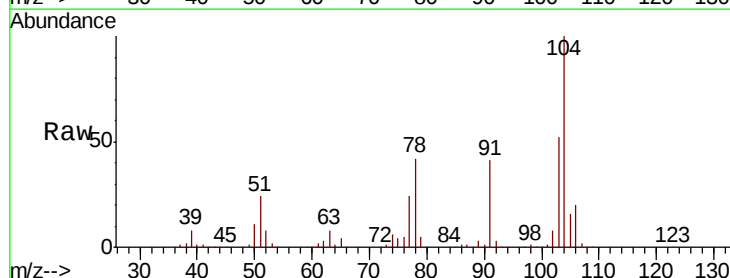


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

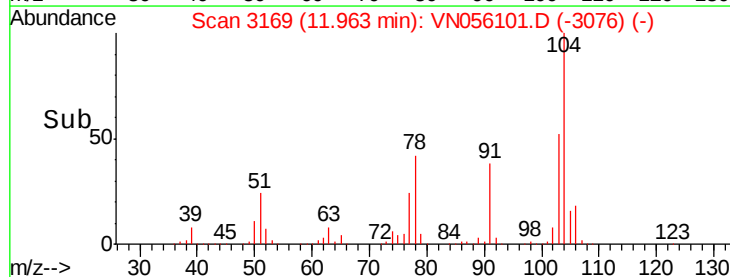
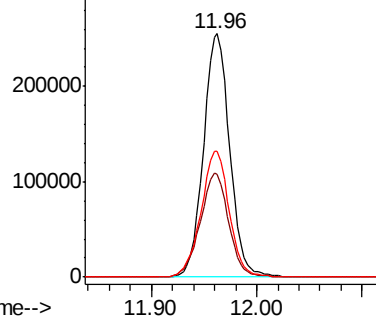


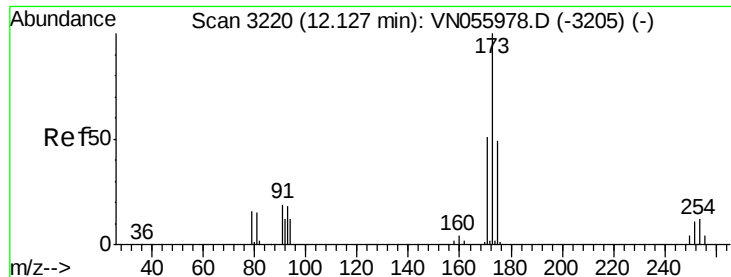
#70
Styrene
Concen: 53.641 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion:104 Resp: 438824
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.8 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

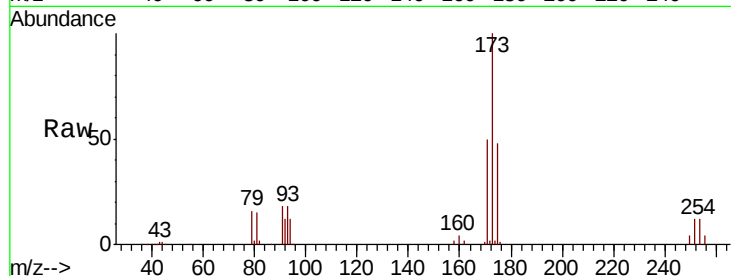




#71
Bromoform
Concen: 45.074 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.0	0.0	0.0

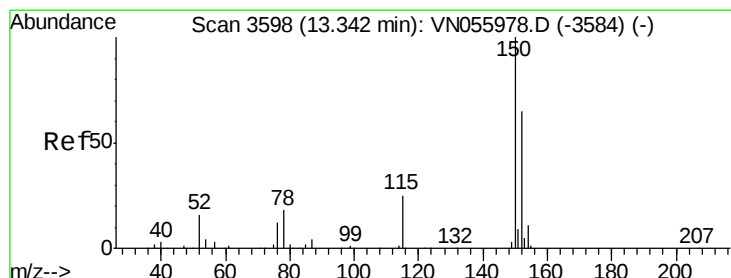
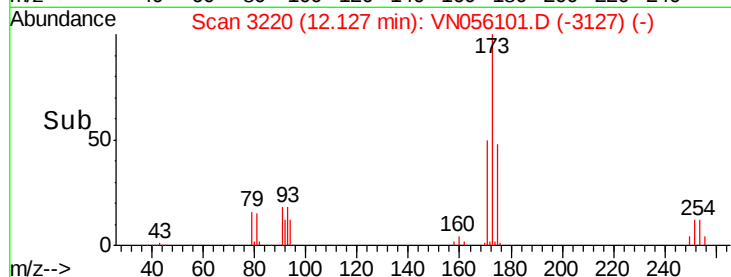
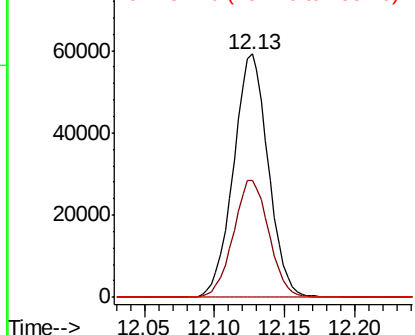


Abundance

Ion 172.70 (172.40 to 173.40): V

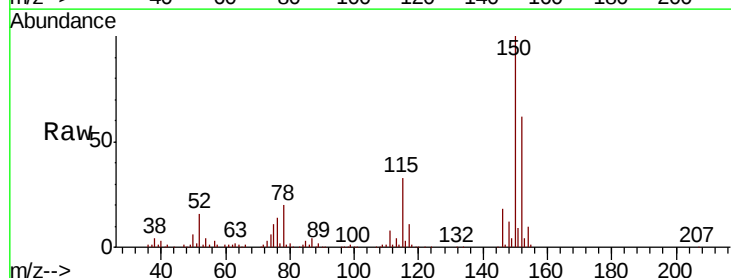
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.0	81.0
150	174.6	0.0	343.2

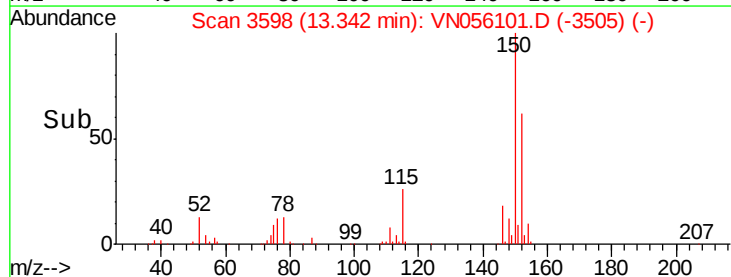
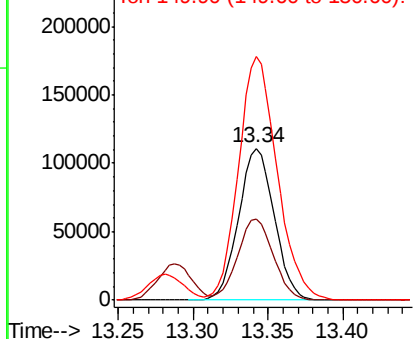


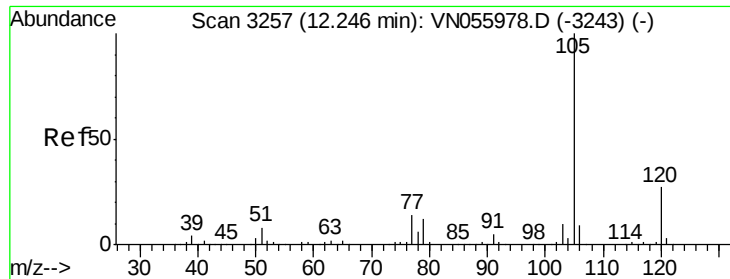
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.994 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

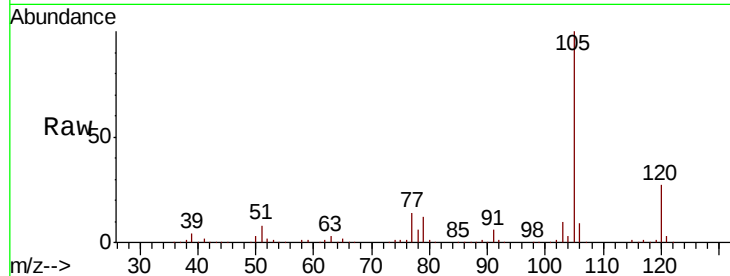
ClientSampleId :

Tot Ion:105 Resp: 690222

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

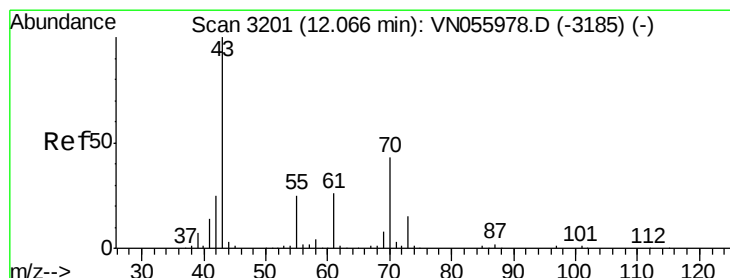
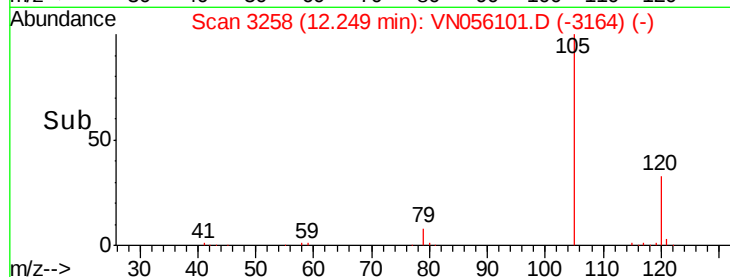
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 49.790 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Tgt Ion: 43 Resp: 243182

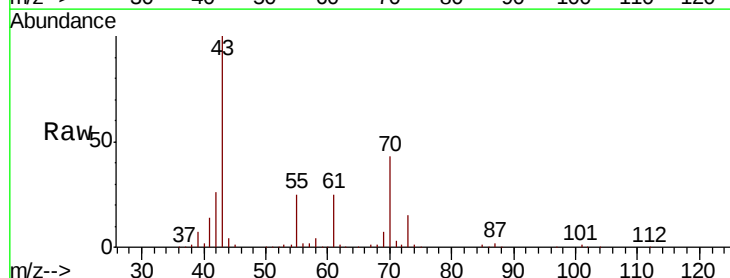
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.6 18.6 28.0

61 25.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

250000

200000

150000

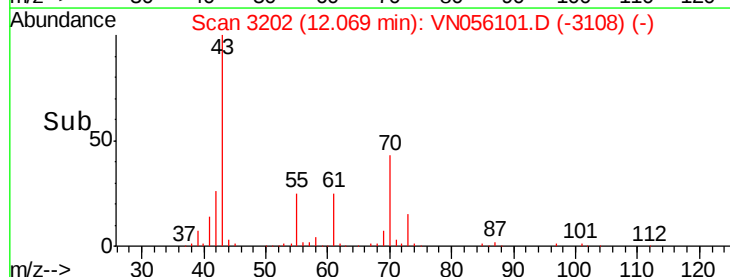
100000

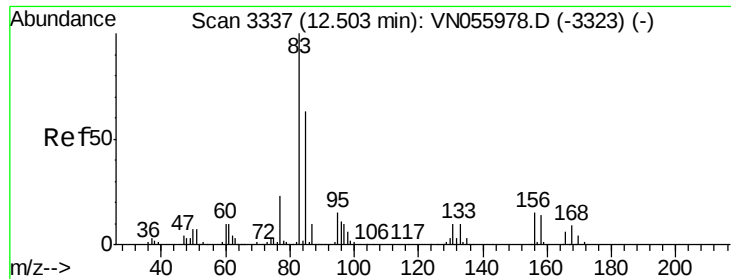
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 48.524 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

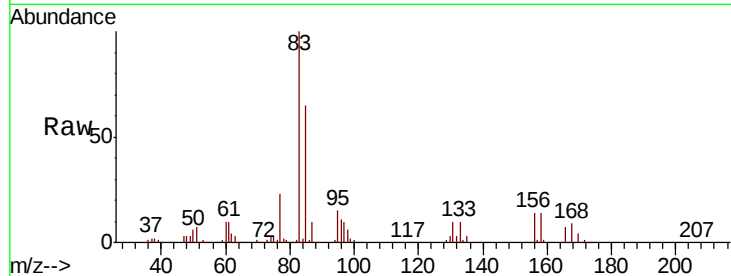
Tot Ion: 83 Resp: 206393

Ion Ratio Lower Upper

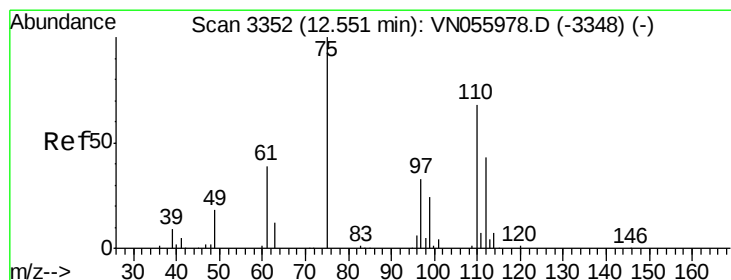
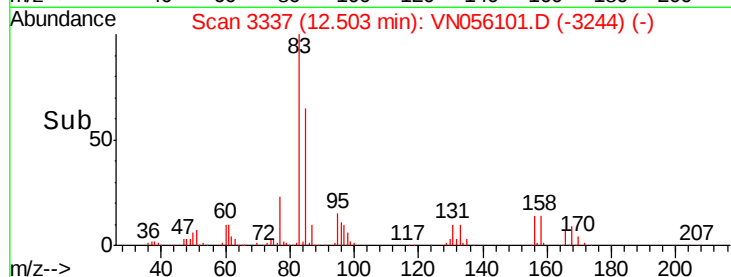
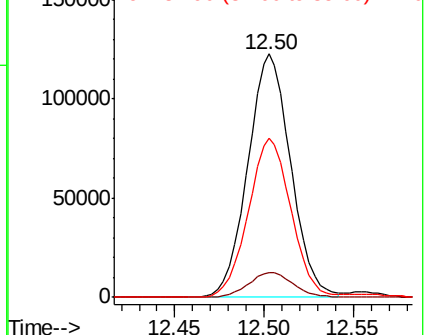
83 100

131 10.8 5.4 16.2

85 65.0 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.817 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056101.D

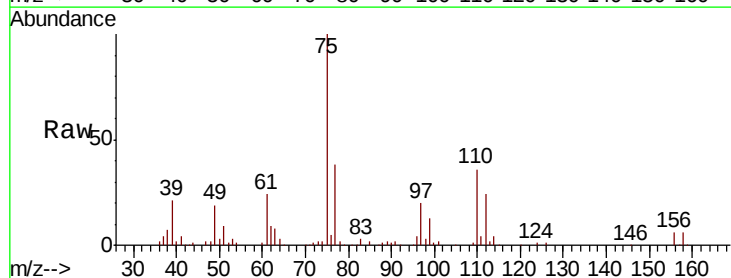
Acq: 7 Jun 2019 16:18

Tgt Ion: 75 Resp: 242124

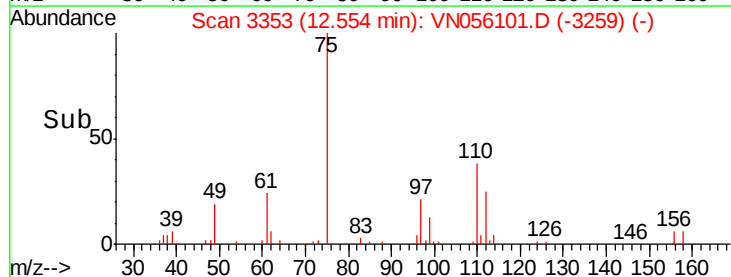
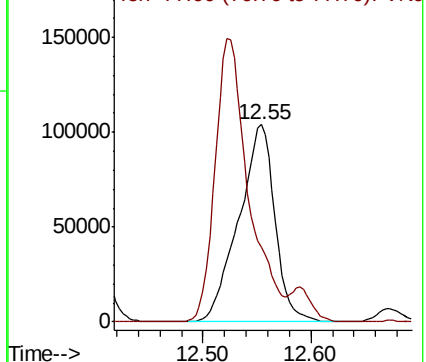
Ion Ratio Lower Upper

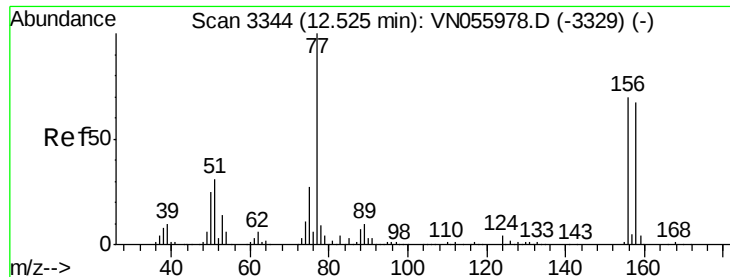
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.240 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

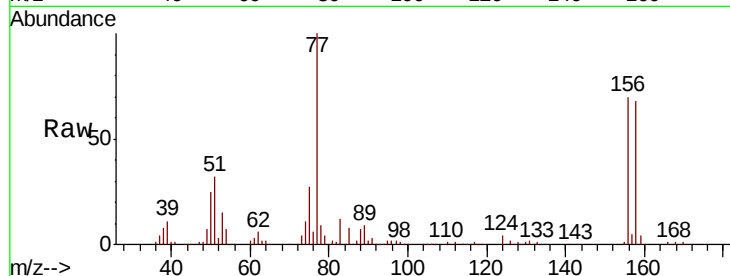
Tot Ion:156 Resp: 185313

Ion Ratio Lower Upper

156 100

77 174.3 90.8 272.5

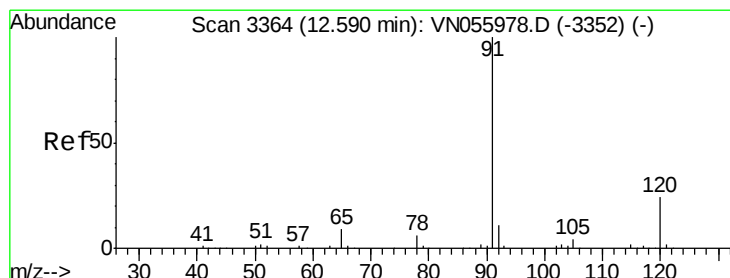
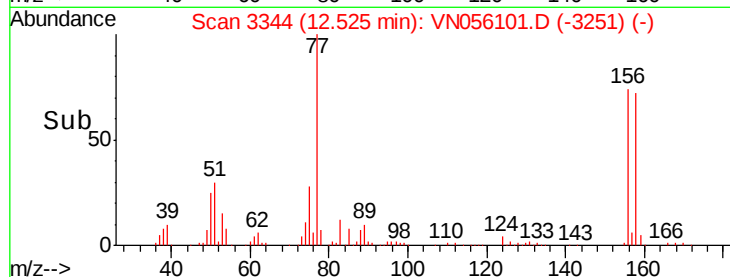
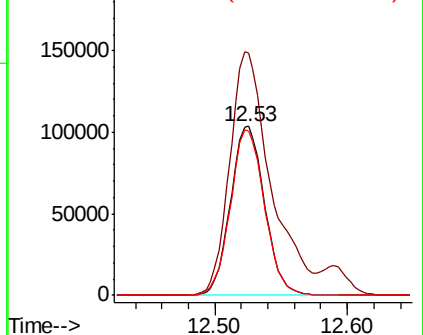
158 97.8 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.861 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056101.D

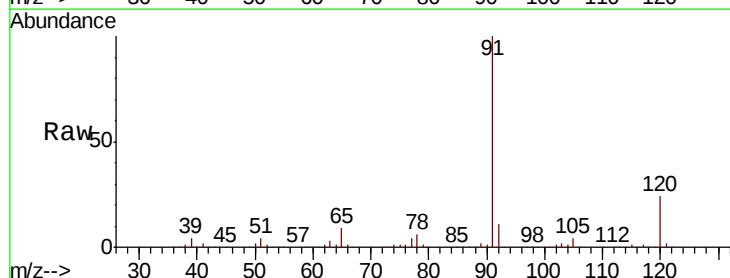
Acq: 7 Jun 2019 16:18

Tgt Ion: 91 Resp: 757380

Ion Ratio Lower Upper

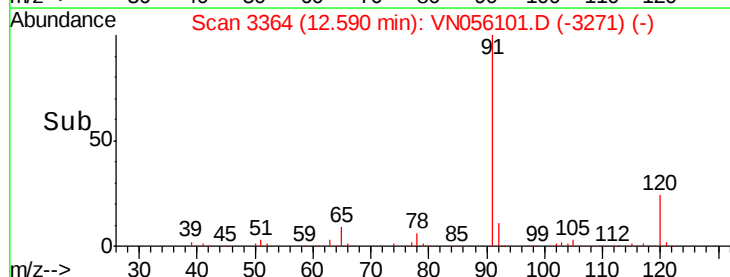
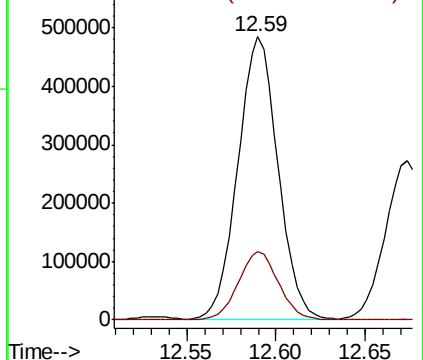
91 100

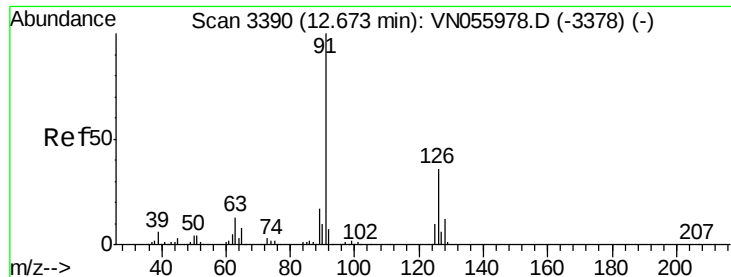
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.851 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

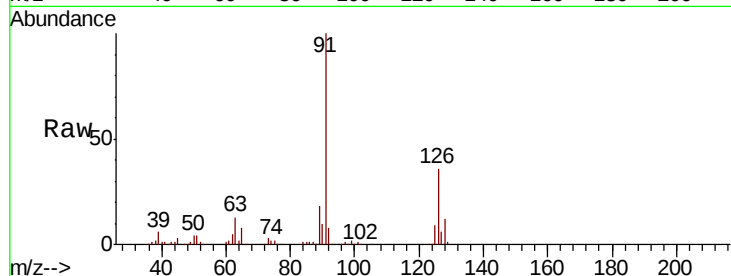
ClientSampleId :

Tot Ion: 91 Resp: 453258

Ion Ratio Lower Upper

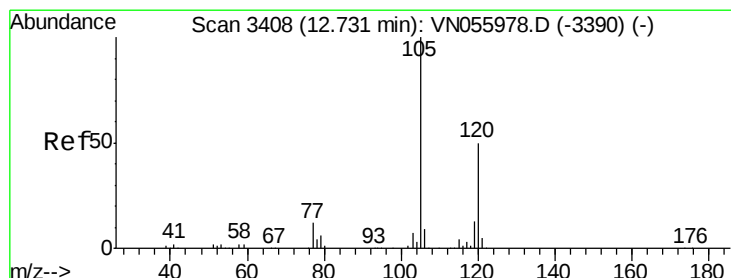
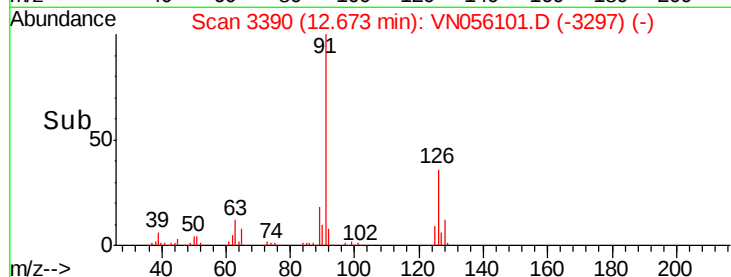
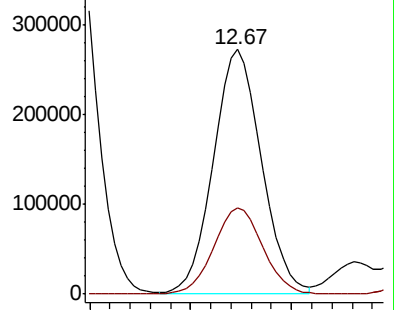
91 100

126 36.1 18.1 54.4



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

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.902 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056101.D

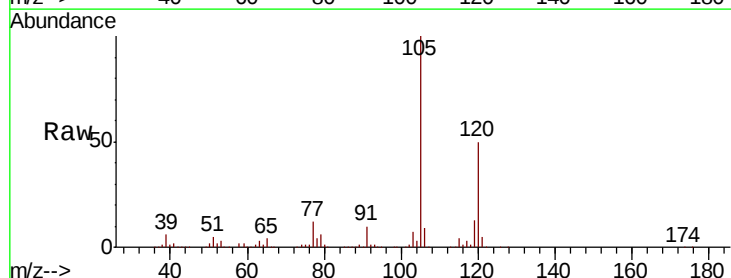
Acq: 7 Jun 2019 16:18

Tgt Ion: 105 Resp: 577798

Ion Ratio Lower Upper

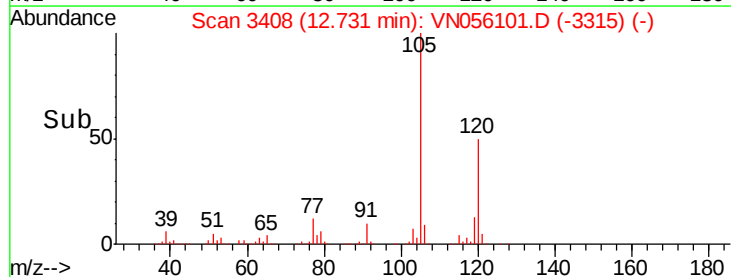
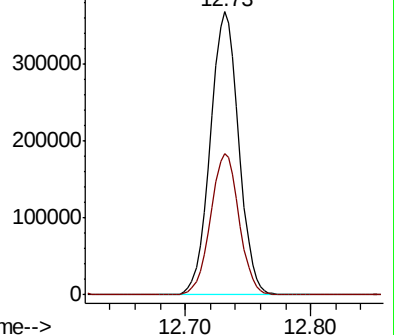
105 100

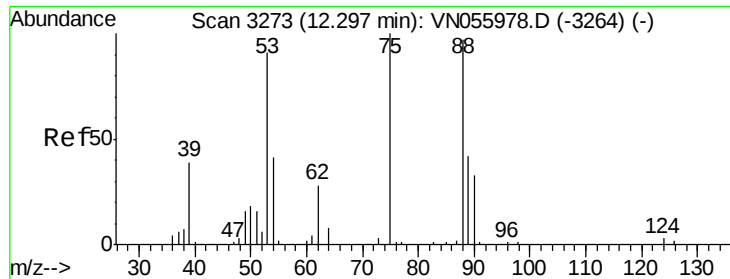
120 49.9 24.7 74.1



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

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.395 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampled :

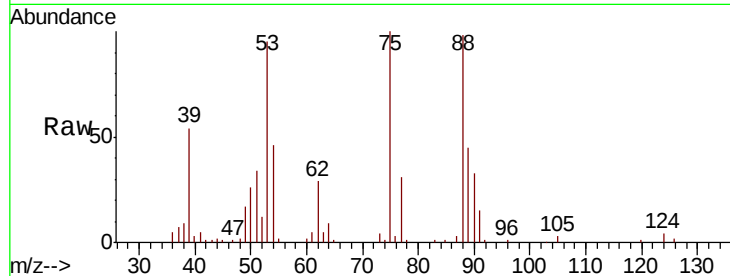
Tot Ion: 75 Resp: 51019

Ion Ratio Lower Upper

75 100

53 96.8 68.1 102.1

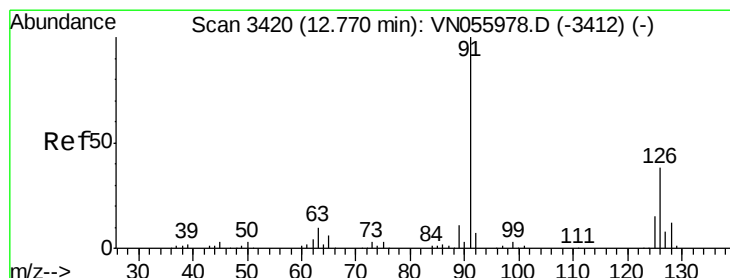
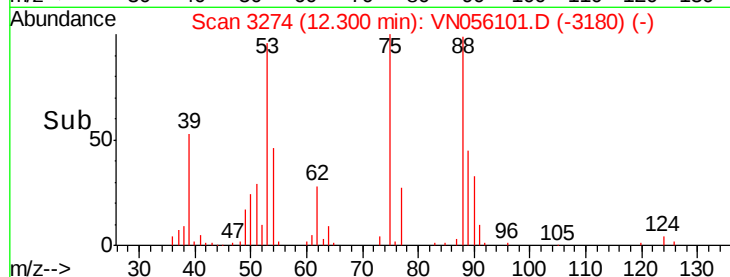
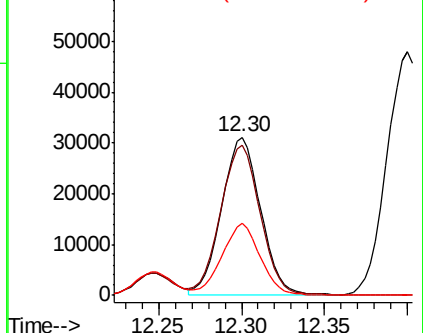
89 44.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.449 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056101.D

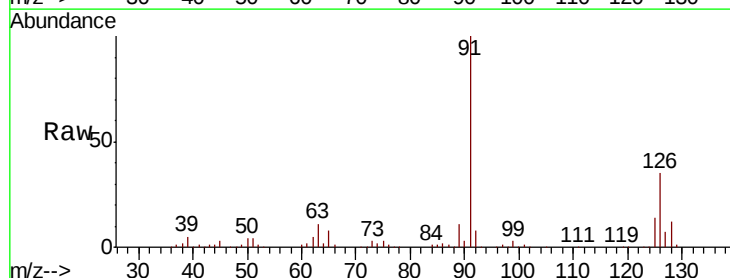
Acq: 7 Jun 2019 16:18

Tgt Ion: 91 Resp: 448431

Ion Ratio Lower Upper

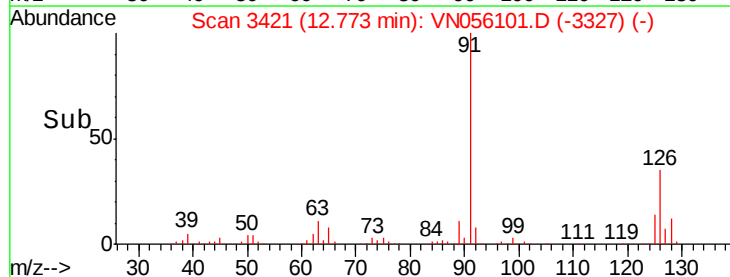
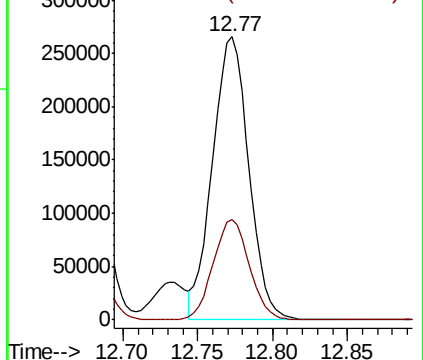
91 100

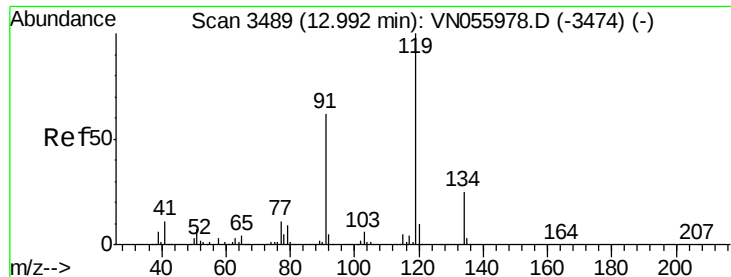
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

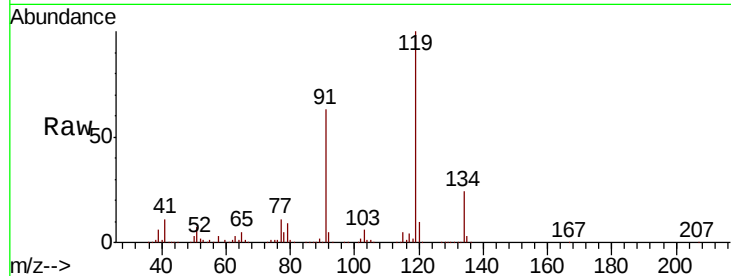




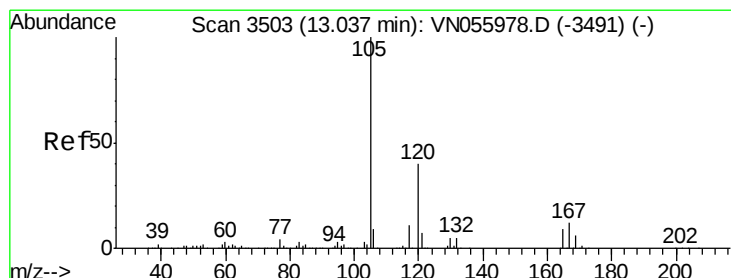
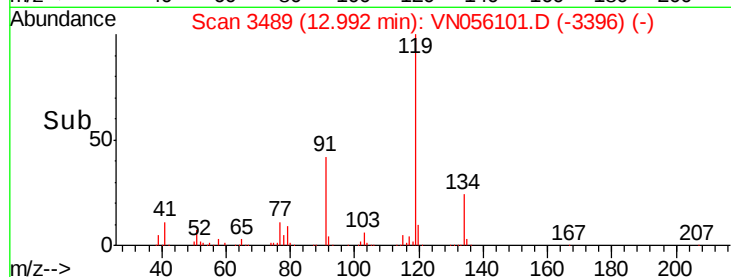
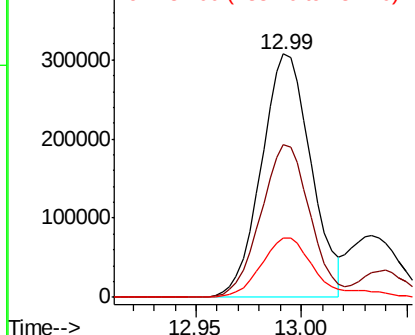
#83
tert-Butylbenzene
Concen: 52.861 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 503771
Ion Ratio Lower Upper
119 100
91 61.9 30.9 92.8
134 27.0 13.3 39.8

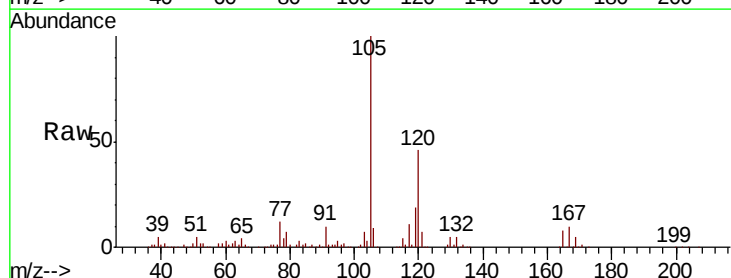


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

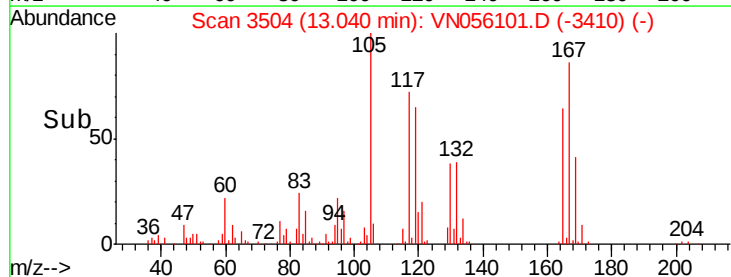
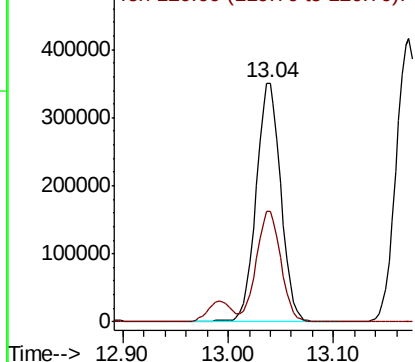


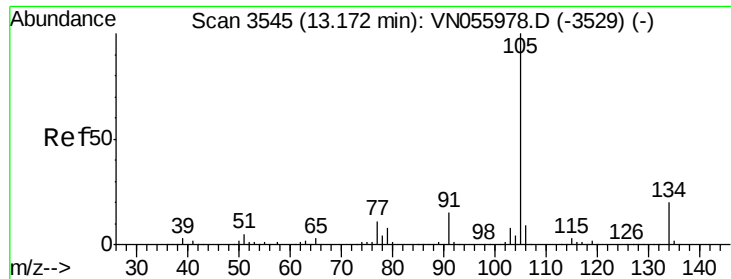
#84
1,2,4-Trimethylbenzene
Concen: 48.950 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056101.D
Acq: 7 Jun 2019 16:18

Tgt Ion:105 Resp: 571852
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 48.345 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

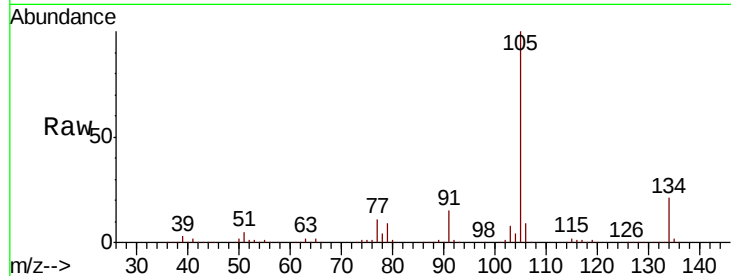
ClientSampleId :

Tot Ion:105 Resp: 663639

Ion Ratio Lower Upper

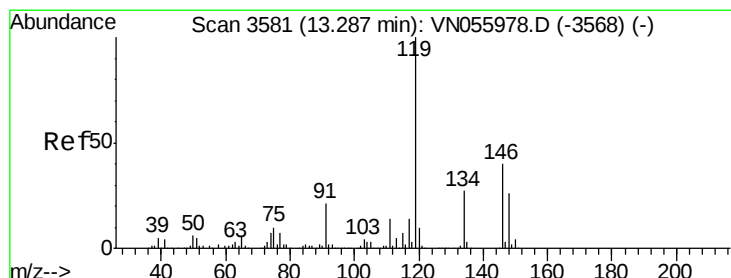
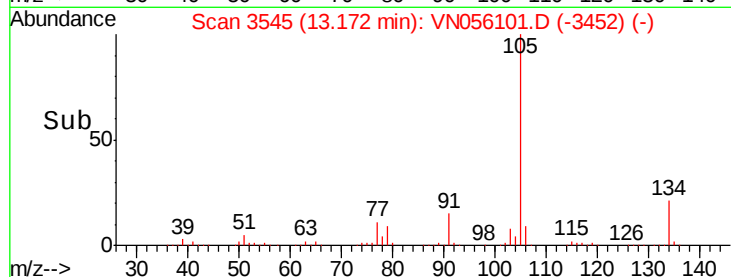
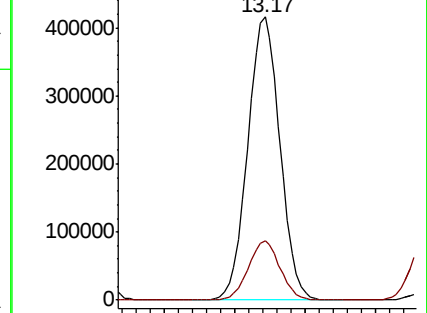
105 100

134 20.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.357 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

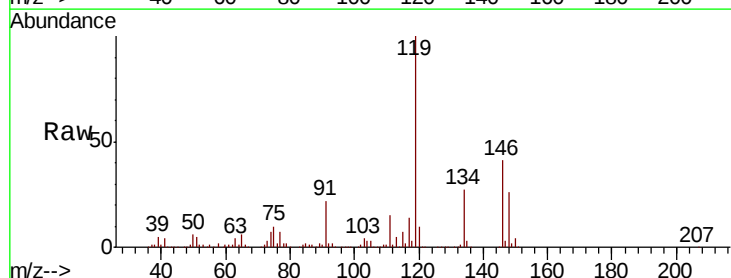
Tgt Ion:119 Resp: 606368

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

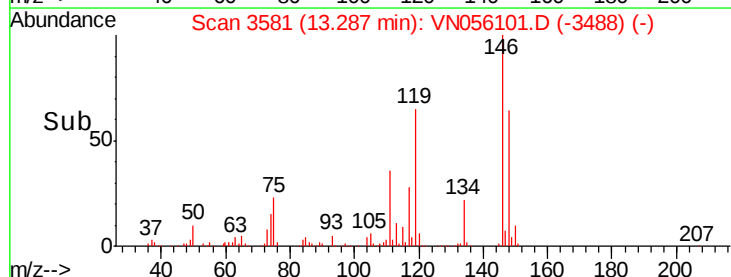
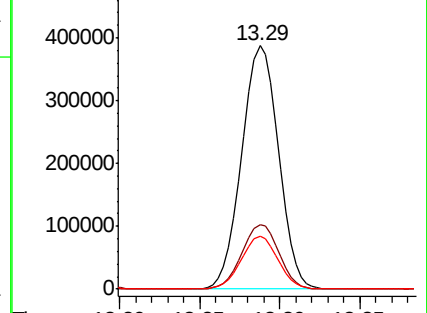
91 21.5 10.9 32.9

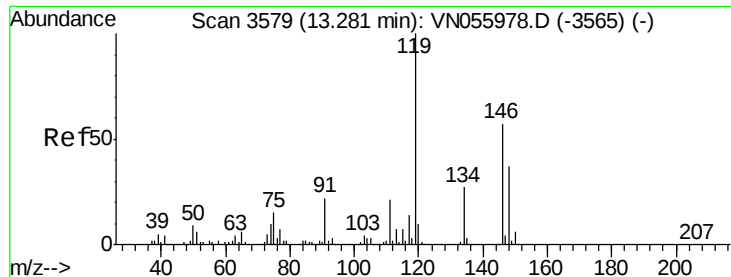


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

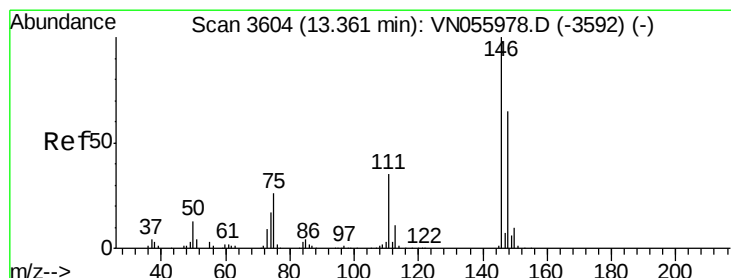
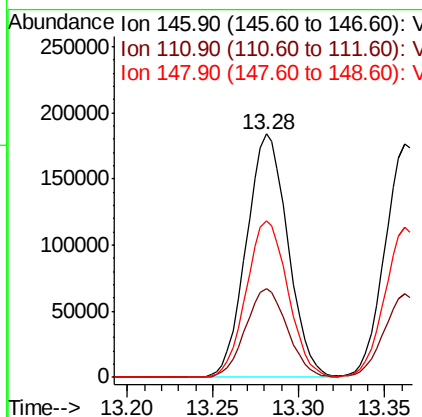
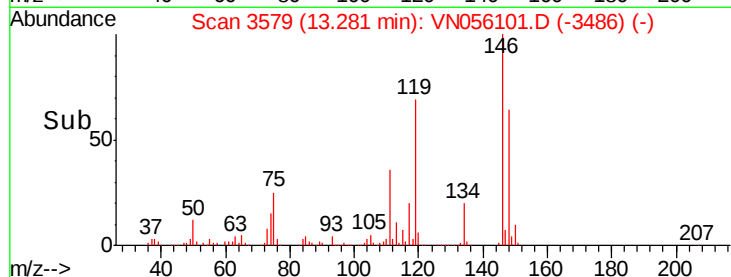
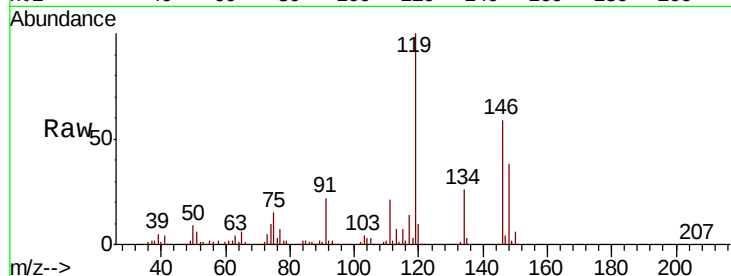




#87
 1,3-Dichlorobenzene
 Concen: 50.658 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

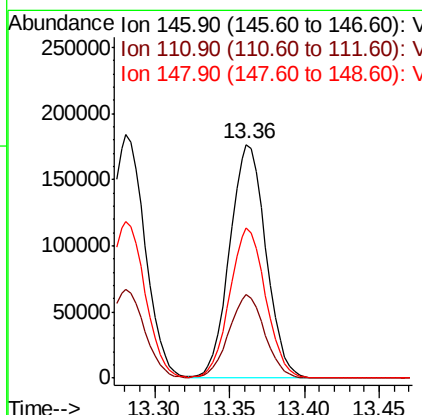
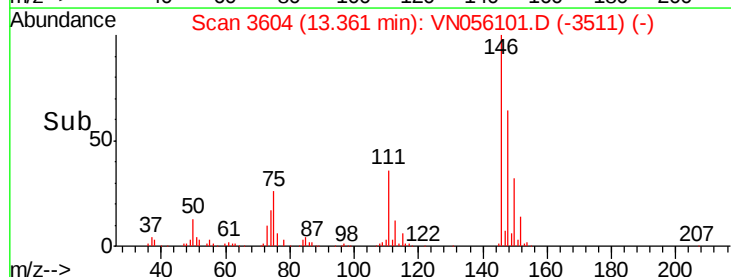
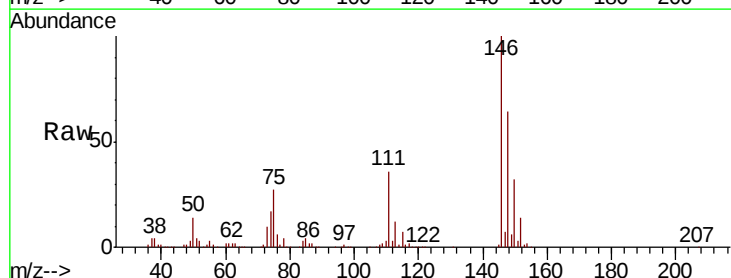
Instrument :
 MSVOA_N
 ClientSampled :

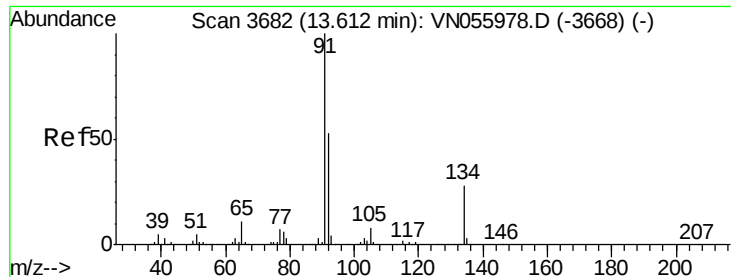
Tot Ion:146 Resp: 307562
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.5 55.5
 148 64.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 50.954 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion:146 Resp: 297588
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.4
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 51.820 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampled :

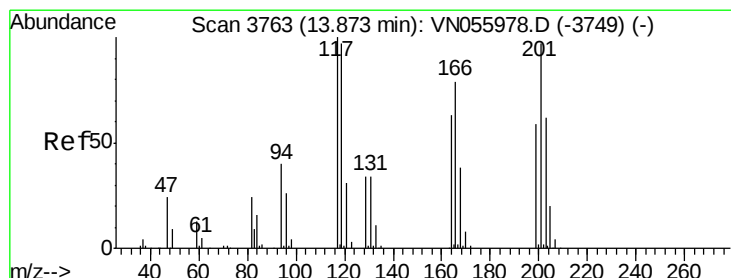
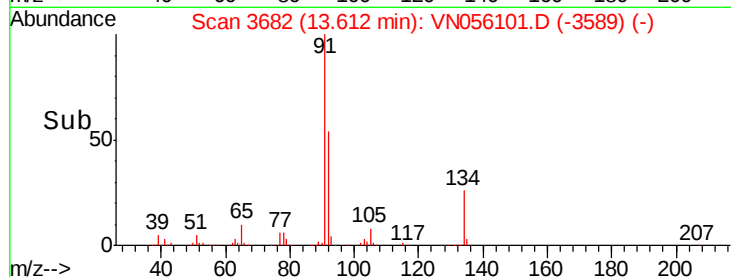
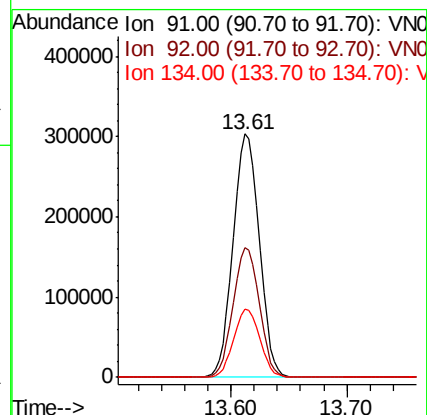
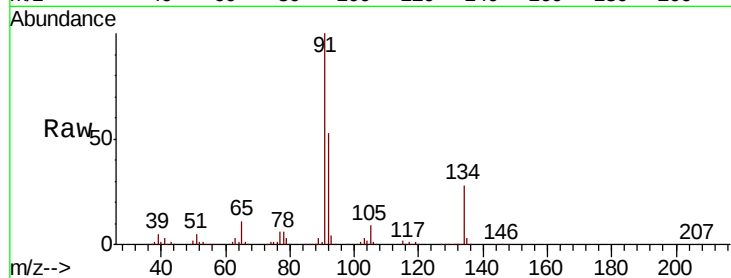
Tot Ion: 91 Resp: 471607

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

134 28.0 13.9 41.7



#90

Hexachloroethane

Concen: 47.712 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056101.D

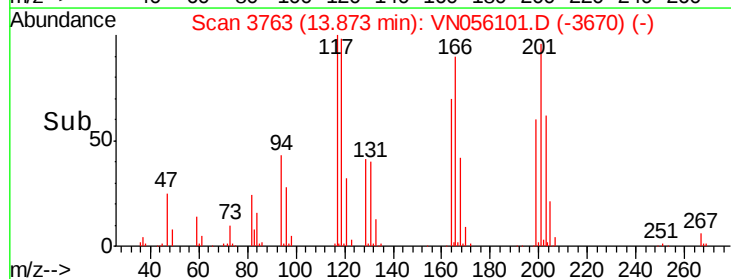
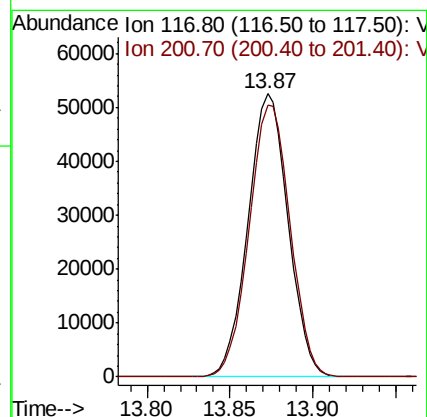
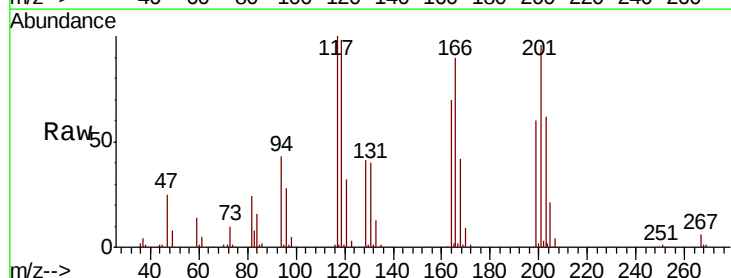
Acq: 7 Jun 2019 16:18

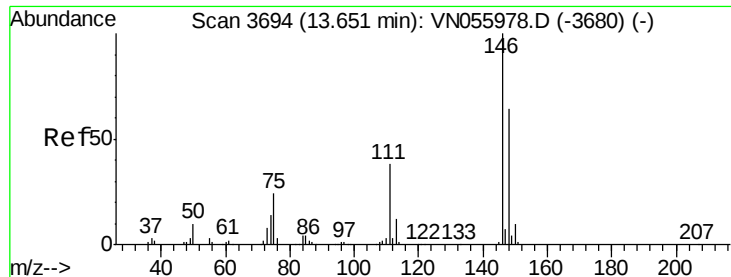
Tgt Ion: 117 Resp: 88398

Ion Ratio Lower Upper

117 100

201 98.0 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 49.286 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

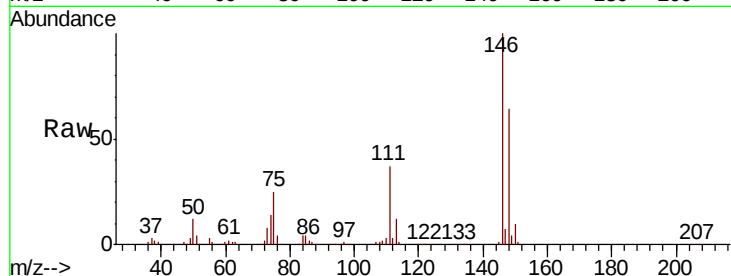
Tot Ion:146 Resp: 302110

Ion Ratio Lower Upper

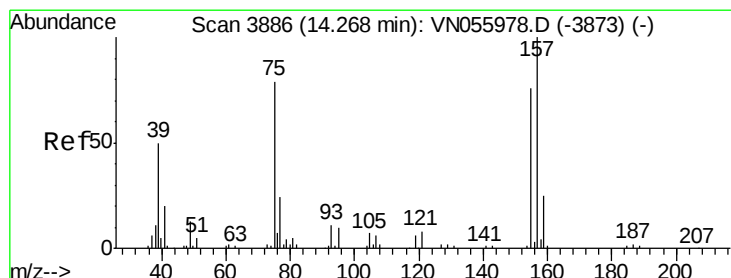
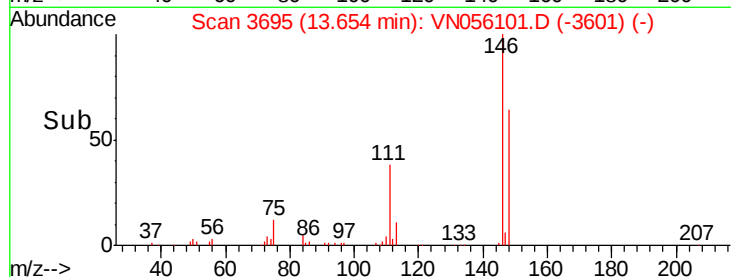
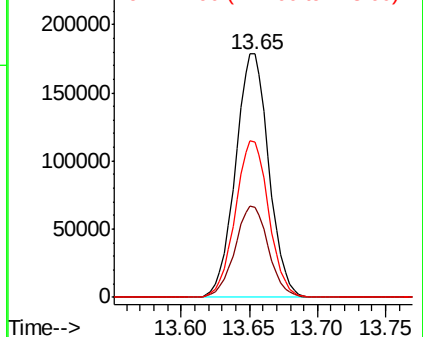
146 100

111 37.5 19.1 57.5

148 64.5 31.9 95.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.295 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

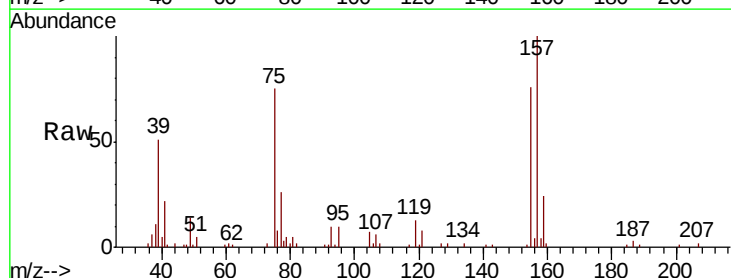
Tgt Ion: 75 Resp: 31206

Ion Ratio Lower Upper

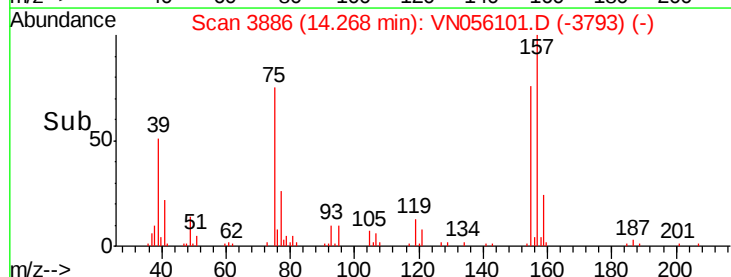
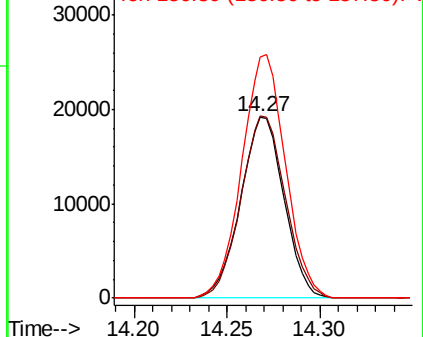
75 100

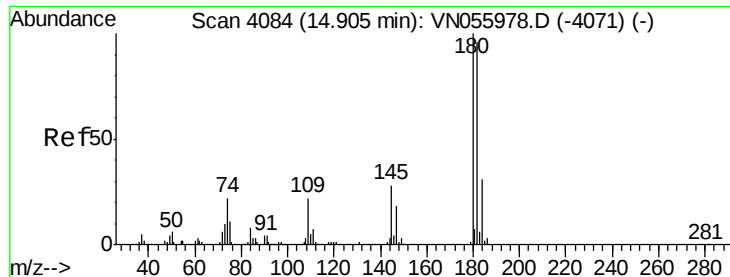
155 102.8 50.0 150.1

157 135.2 64.8 194.3



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

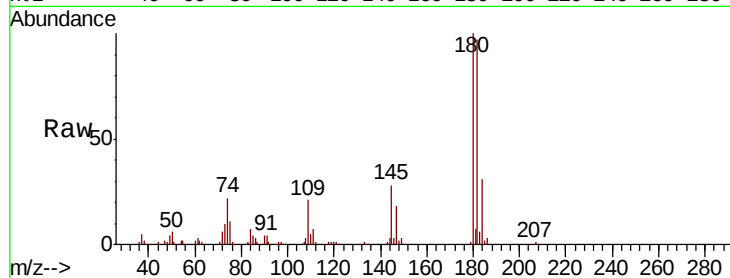




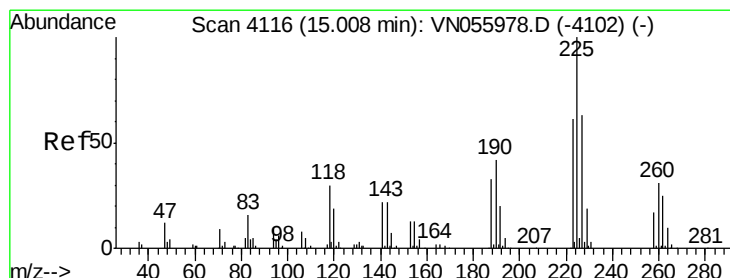
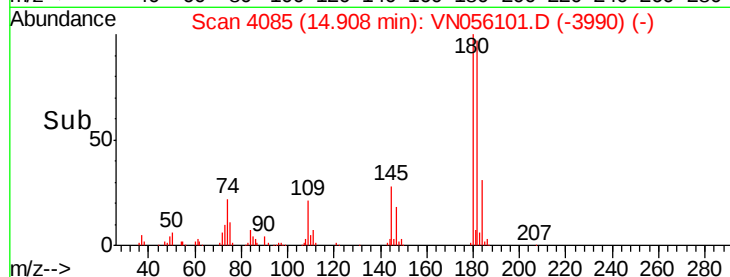
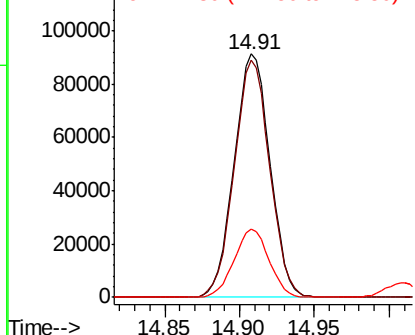
#93
 1,2,4-Trichlorobenzene
 Concen: 45.494 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 152251
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.3 144.9
 145 27.4 14.0 41.9

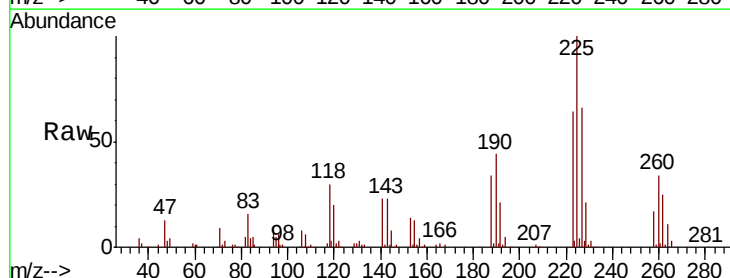


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

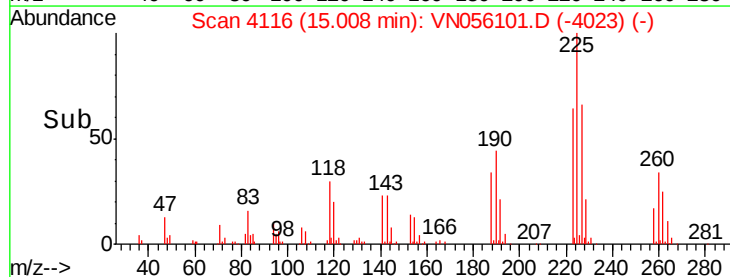
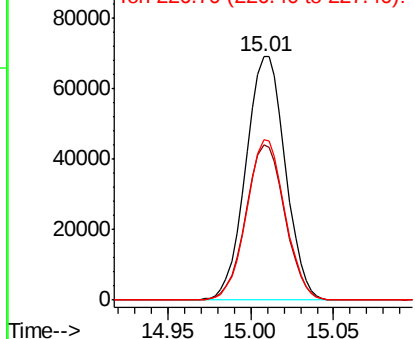


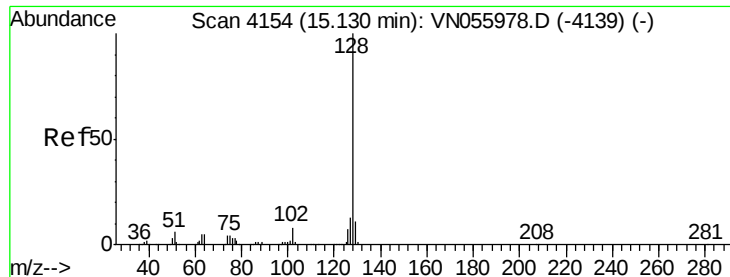
#94
 Hexachlorobutadiene
 Concen: 54.651 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056101.D
 Acq: 7 Jun 2019 16:18

Tgt Ion:225 Resp: 114488
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.9 92.7
 227 64.1 31.6 94.7



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





#95

Naphthalene

Concen: 45.353 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

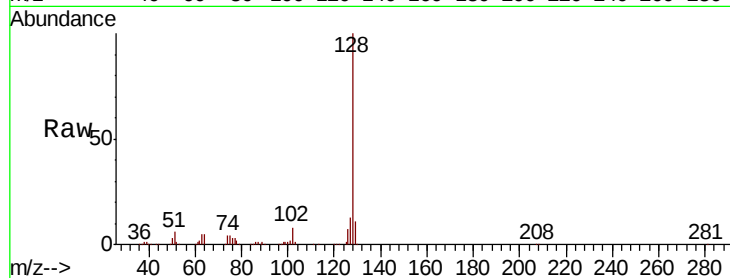
Tot Ion:128 Resp: 394058

Ion Ratio Lower Upper

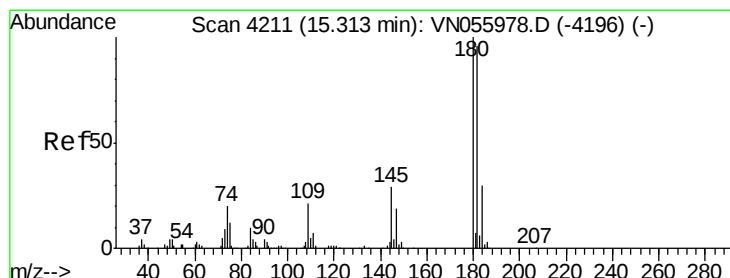
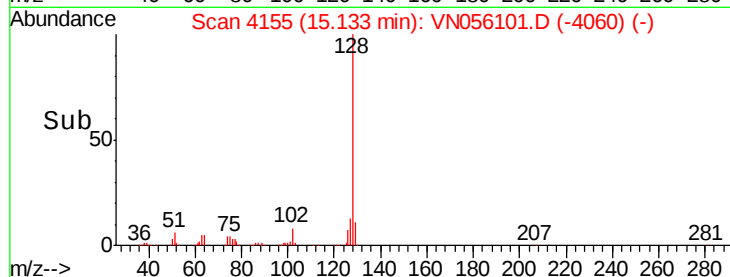
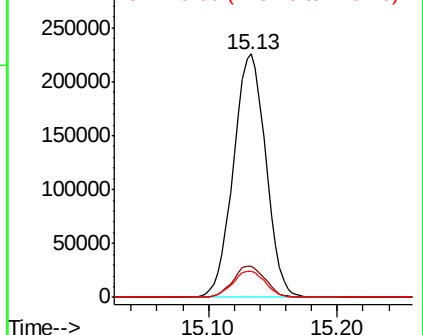
128 100

127 12.8 10.3 15.5

129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 47.327 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056101.D

Acq: 7 Jun 2019 16:18

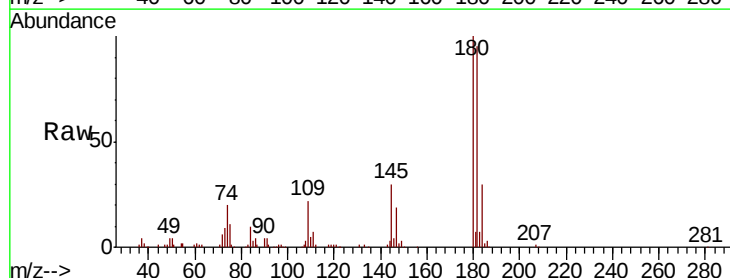
Tgt Ion:180 Resp: 162325

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 29.5 14.9 44.7



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

