

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056180.D
 Acq On : 10 Jun 2019 19:34
 Operator : JC/SP
 Sample : K3280-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 02:22:31 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	284342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	413860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	379827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	170264	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	146284	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
35) Dibromofluoromethane	7.59	113	135012	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
50) Toluene-d8	10.09	98	495181	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	170816	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	147571	47.261	ug/l	99
3) Chloromethane	2.06	50	159645	51.794	ug/l	98
4) Vinyl Chloride	2.18	62	157103	50.813	ug/l	98
5) Bromomethane	2.52	94	94328	48.297	ug/l	99
6) Chloroethane	2.67	64	82279	45.899	ug/l	95
7) Trichlorofluoromethane	3.00	101	195970	49.650	ug/l	99
8) Diethyl Ether	3.40	74	78491	48.357	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	122321	51.017	ug/l	99
10) Methyl Iodide	3.93	142	183212	48.084	ug/l	99
11) Tert butyl alcohol	4.82	59	128253	261.042	ug/l	100
12) 1,1-Dichloroethene	3.72	96	122069	51.139	ug/l	97
13) Acrolein	3.60	56	44253	312.305	ug/l	99
14) Allyl chloride	4.31	41	196423	52.113	ug/l	97
15) Acrylonitrile	4.99	53	356829	298.354	ug/l	99
16) Acetone	3.82	43	281707	208.628	ug/l	100
17) Carbon Disulfide	4.03	76	271418	47.489	ug/l	100
18) Methyl Acetate	4.33	43	152151	57.451	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	400202	52.598	ug/l	98
20) Methylene Chloride	4.54	84	144705	52.016	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	130348	50.965	ug/l	97
22) Diisopropyl ether	5.95	45	410862	52.732	ug/l	98
23) Vinyl Acetate	5.90	43	1589857	259.110	ug/l	99
24) 1,1-Dichloroethane	5.84	63	237685	52.884	ug/l	99
25) 2-Butanone	6.84	43	466401	273.382	ug/l	100
26) 2,2-Dichloropropane	6.82	77	144043	41.072	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	153645	51.107	ug/l	97
28) Bromochloromethane	7.19	49	117773	55.411	ug/l	99
29) Tetrahydrofuran	7.22	42	307329	291.425	ug/l	99
30) Chloroform	7.37	83	241478	53.409	ug/l	99
31) Cyclohexane	7.65	56	207680	46.358	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	201322	53.323	ug/l	99
36) 1,1-Dichloropropene	7.79	75	172826	48.566	ug/l	100
37) Ethyl Acetate	6.93	43	172176	54.377	ug/l	99
38) Carbon Tetrachloride	7.77	117	172739	52.651	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	206138	46.501	ug/l	98
40) Benzene	8.04	78	556335	51.473	ug/l	99
41) Methacrylonitrile	7.17	41	89293	61.294	ug/l	97
42) 1,2-Dichloroethane	8.12	62	178721	51.406	ug/l	100
43) Isopropyl Acetate	8.17	43	271694	52.953	ug/l #	92
44) Trichloroethene	8.83	130	158460	51.021	ug/l	98
45) 1,2-Dichloropropane	9.12	63	145874	52.691	ug/l	99
46) Dibromomethane	9.21	93	97886	54.069	ug/l	99
47) Bromodichloromethane	9.40	83	182325	55.568	ug/l	100
48) Methyl methacrylate	9.20	41	143276	57.078	ug/l	98
49) 1,4-Dioxane	9.20	88	63402	1169.954	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	920866	286.998	ug/l	99
52) Toluene	10.16	92	346921	51.582	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	181738	47.375	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	207090	52.508	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	146673	55.055	ug/l	98
56) Ethyl methacrylate	10.43	69	216264	55.643	ug/l	99
57) 1,3-Dichloropropane	10.71	76	233824	53.990	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.73	63	673	15.285	ug/l #	46
59) 2-Hexanone	10.75	43	652169	280.439	ug/l	100
60) Dibromochloromethane	10.90	129	154004	52.295	ug/l	98
61) 1,2-Dibromoethane	11.00	107	151419	55.596	ug/l	100
64) Tetrachloroethene	10.63	164	152293	46.320	ug/l	99
65) Chlorobenzene	11.43	112	380466	50.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	142775	54.700	ug/l	99
67) Ethyl Benzene	11.51	91	656530	49.947	ug/l	100
68) m/p-Xylenes	11.62	106	504381	100.448	ug/l	98
69) o-Xylene	11.95	106	249453	50.504	ug/l	98
70) Styrene	11.96	104	416845	53.116	ug/l	100
71) Bromoform	12.13	173	112570	51.295	ug/l #	99
73) Isopropylbenzene	12.25	105	647992	53.565	ug/l	100
74) N-amyl acetate	12.07	43	220164	48.509	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202244	51.168	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	233313	74.471	ug/l #	100
77) Bromobenzene	12.53	156	179735	49.306	ug/l	97
78) n-propylbenzene	12.59	91	687516	47.730	ug/l	99
79) 2-Chlorotoluene	12.67	91	424830	53.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	532310	46.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	48003	51.025	ug/l	91
82) 4-Chlorotoluene	12.77	91	412430	48.941	ug/l	100
83) tert-Butylbenzene	12.99	119	471863	53.304	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	525381	48.395	ug/l	99
85) sec-Butylbenzene	13.17	105	602932	47.266	ug/l	100
86) p-Isopropyltoluene	13.29	119	542464	47.516	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	282590	50.088	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	271074	49.947	ug/l	99
89) n-Butylbenzene	13.61	91	396137	46.841	ug/l	100
90) Hexachloroethane	13.88	117	89859	52.192	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	279595	49.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32622	57.704	ug/l	96

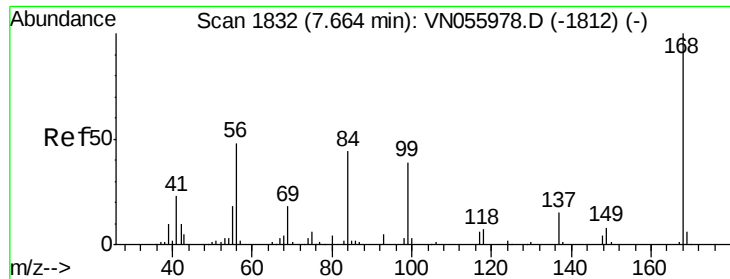
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132448	42.862	ug/l	99
94) Hexachlorobutadiene	15.01	225	98733	50.561	ug/l	99
95) Naphthalene	15.13	128	367173	45.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148126	46.529	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

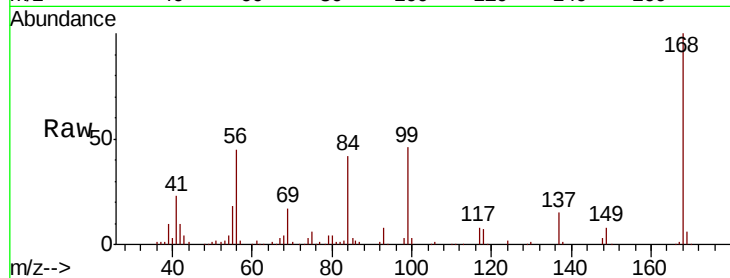
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 284342

Ion Ratio Lower Upper

168 100

99 45.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

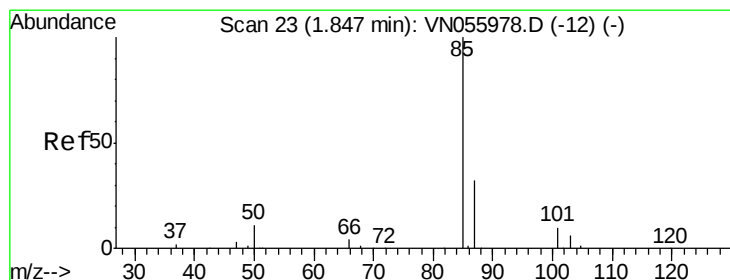
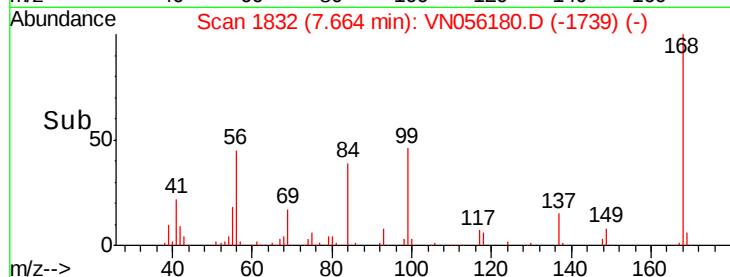
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.261 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056180.D

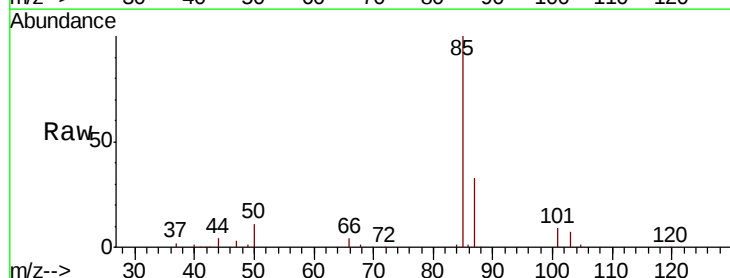
Acq: 10 Jun 2019 19:34

Tgt Ion: 85 Resp: 147571

Ion Ratio Lower Upper

85 100

87 32.7 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

100000

80000

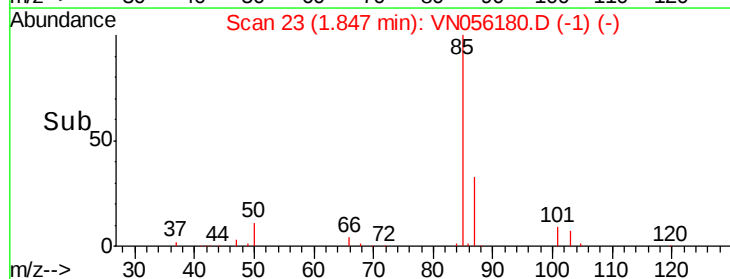
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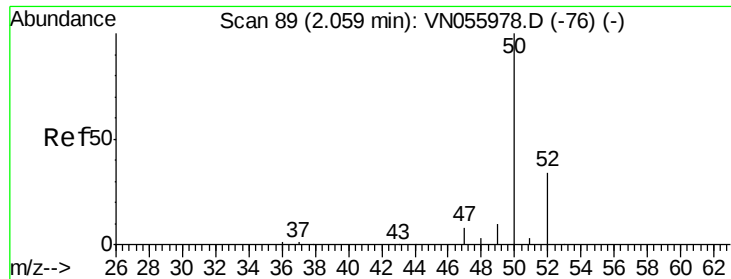
40000

20000

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Time-->





#3

Chloromethane

Concen: 51.794 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

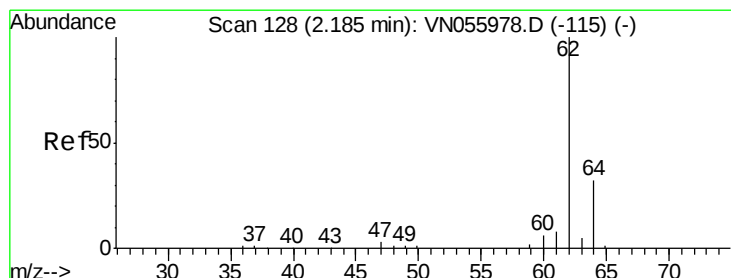
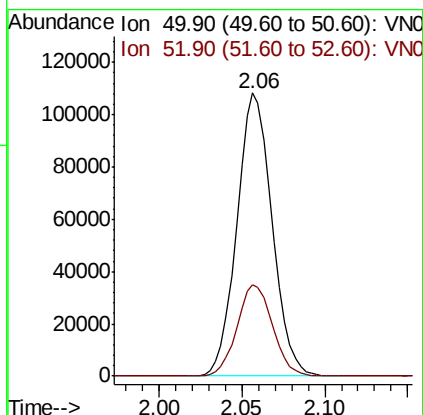
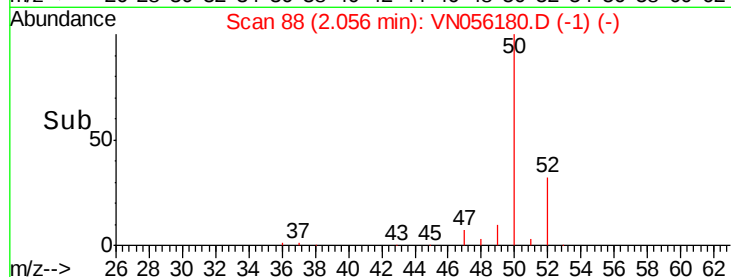
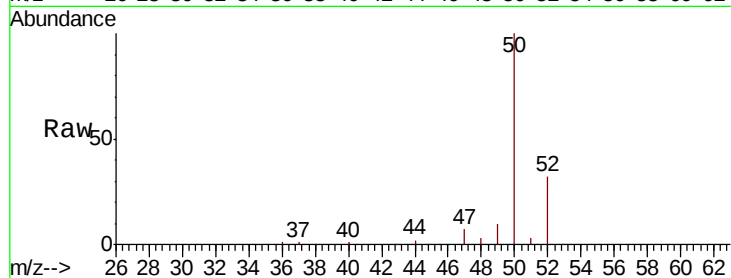
ClientSampleId :

Tot Ion: 50 Resp: 159645

Ion Ratio Lower Upper

50 100

52 32.4 26.6 40.0



#4

Vinyl Chloride

Concen: 50.813 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056180.D

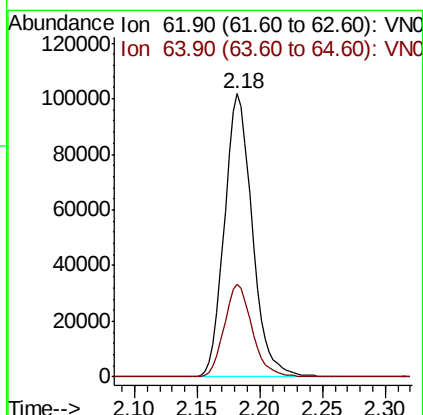
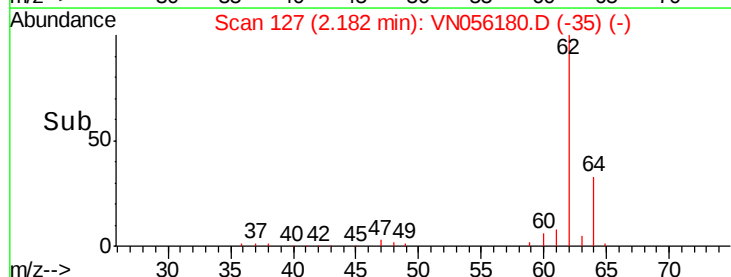
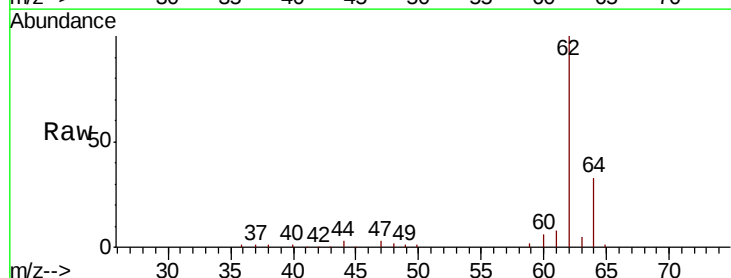
Acq: 10 Jun 2019 19:34

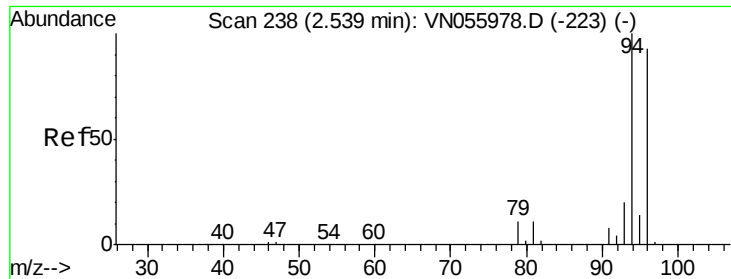
Tgt Ion: 62 Resp: 157103

Ion Ratio Lower Upper

62 100

64 32.9 25.6 38.4

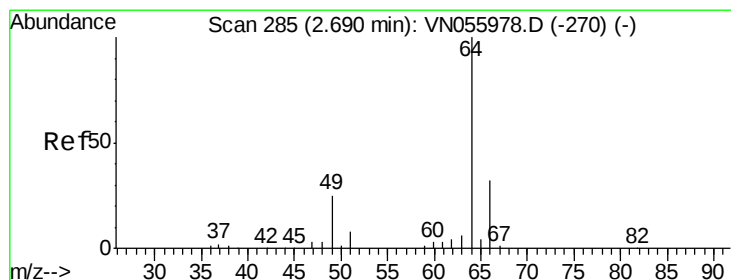
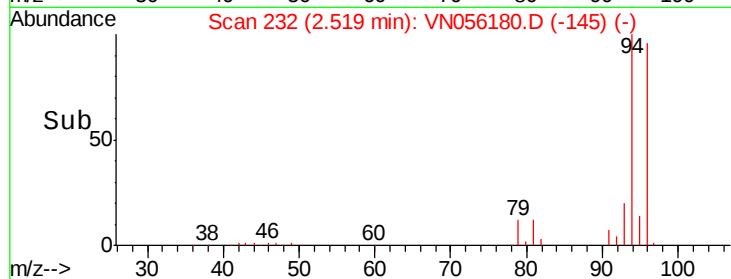
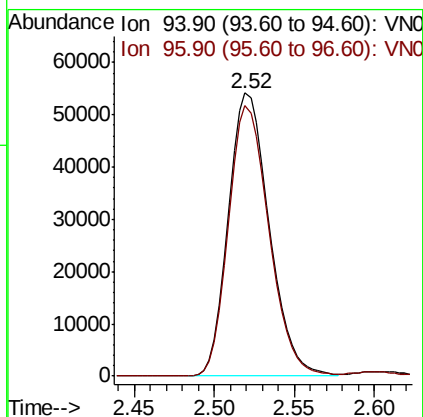
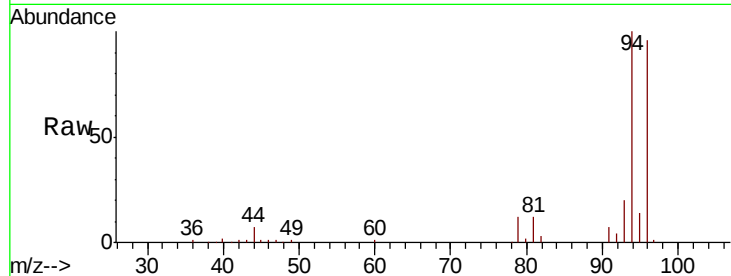




#5
Bromomethane
Concen: 48.297 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.02 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

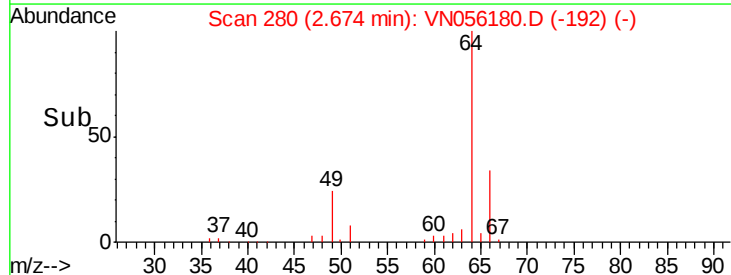
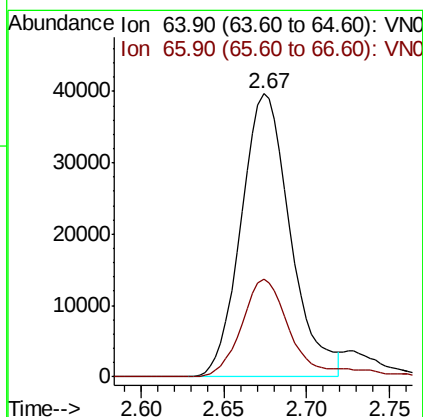
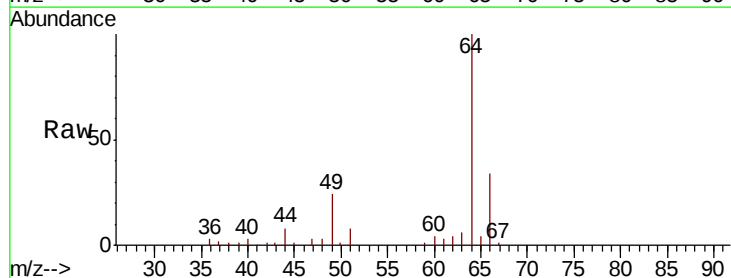
Instrument :
MSVOA_N
ClientSampled :

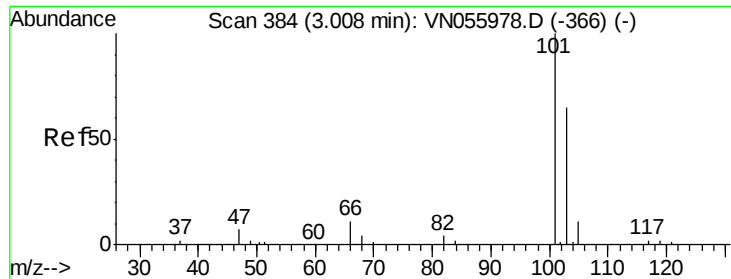
Tot Ion: 94 Resp: 94328
Ion Ratio Lower Upper
94 100
96 95.7 75.5 113.3



#6
Chloroethane
Concen: 45.899 ug/l
RT: 2.67 min Scan# 280
Delta R.T. -0.02 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 64 Resp: 82279
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.0



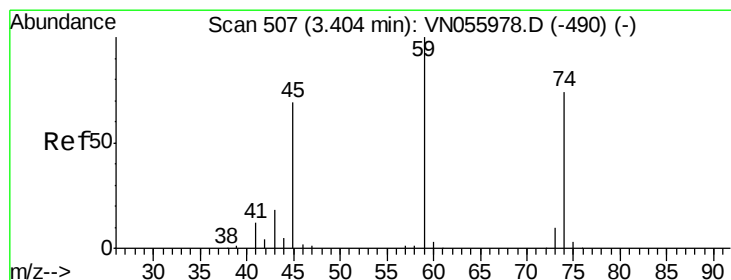
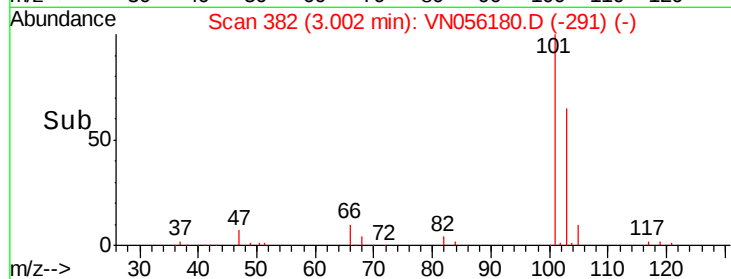
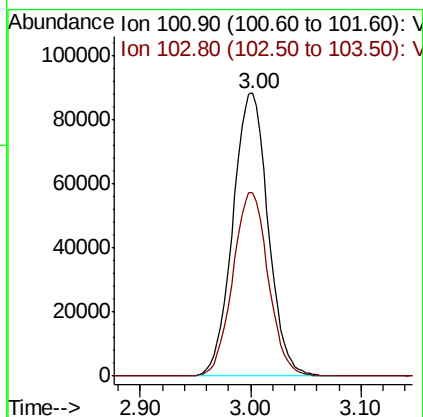
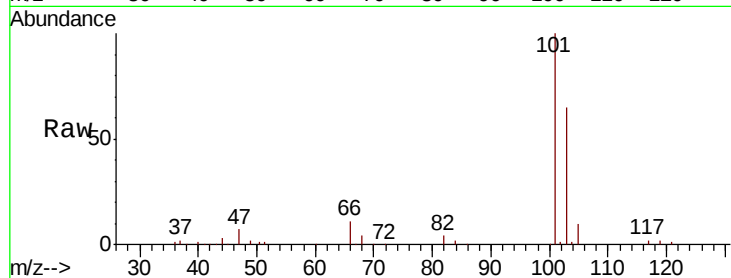


#7

Trichlorofluoromethane
Concen: 49.650 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
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ClientSampleId :

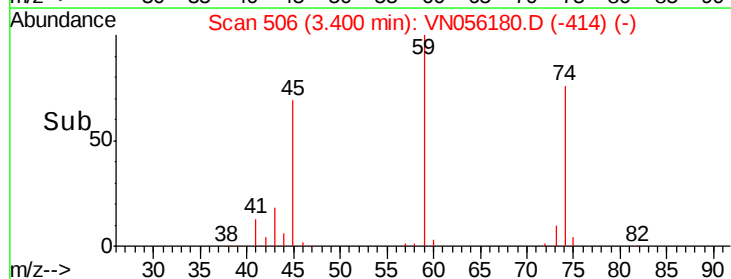
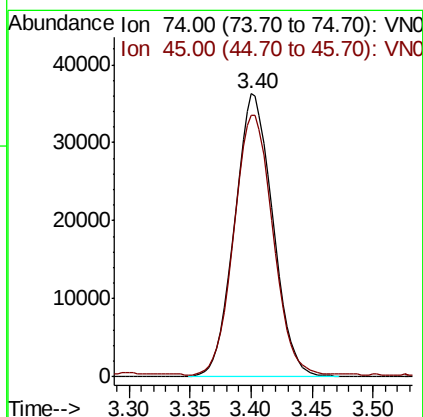
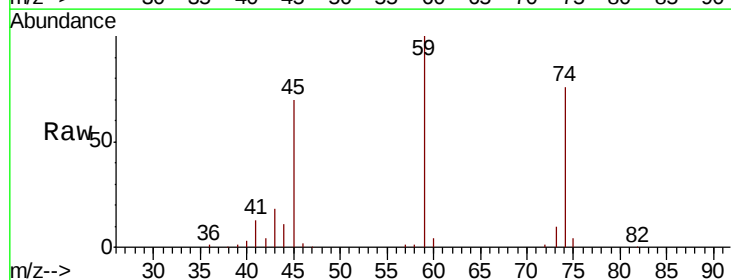
Tot Ion:101 Resp: 195970
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

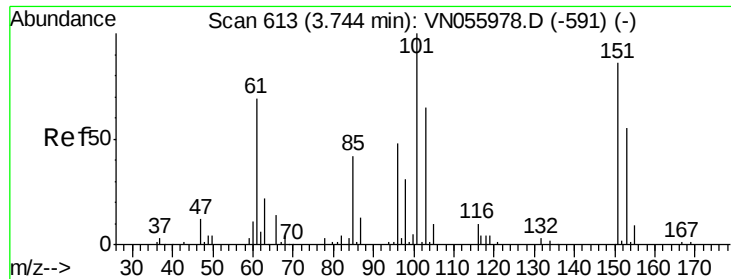


#8

Diethyl Ether
Concen: 48.357 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 74 Resp: 78491
Ion Ratio Lower Upper
74 100
45 93.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.017 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

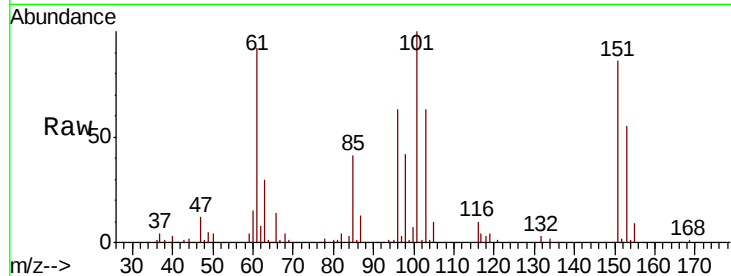
Tot Ion:101 Resp: 122321

Ion Ratio Lower Upper

101 100

85 41.0 33.4 50.2

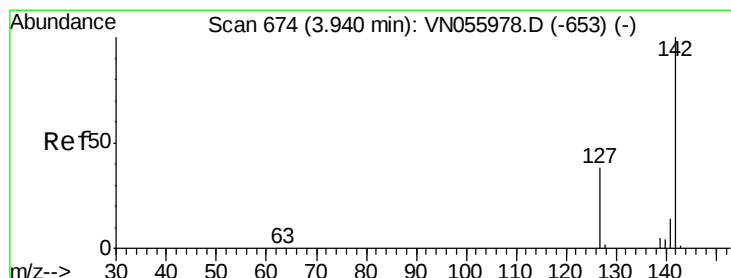
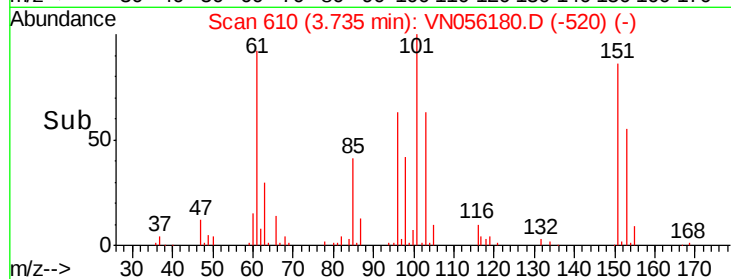
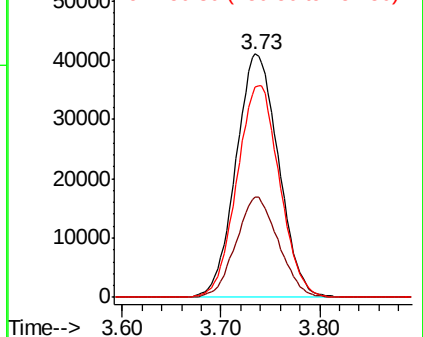
151 87.1 69.4 104.2



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: 48.084 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

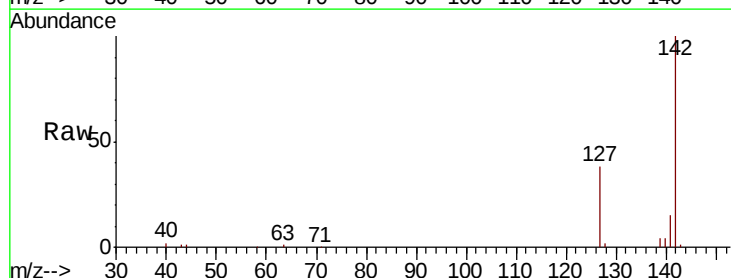
Tgt Ion:142 Resp: 183212

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

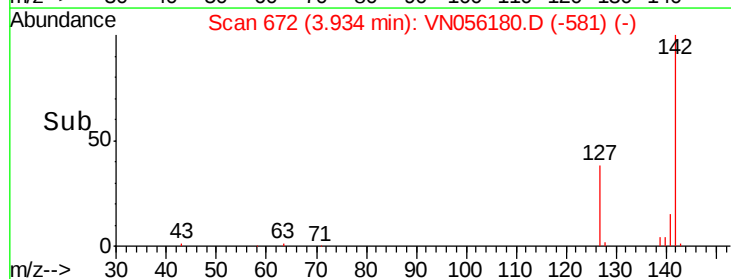
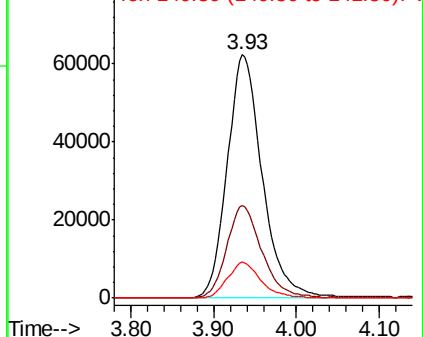
141 14.2 11.4 17.0

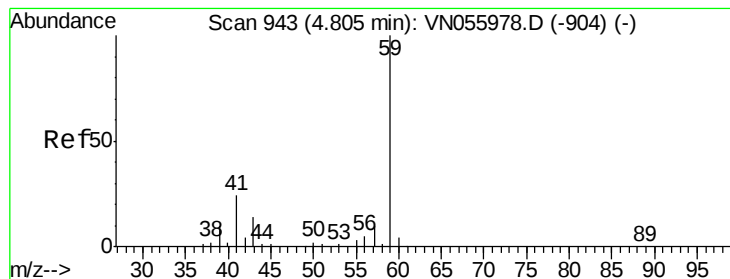


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



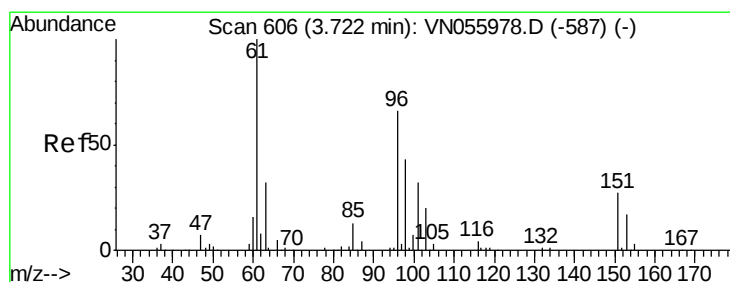
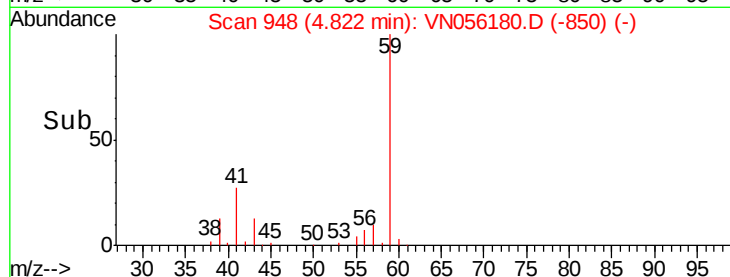
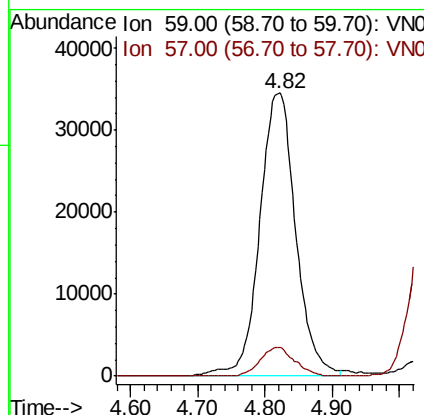
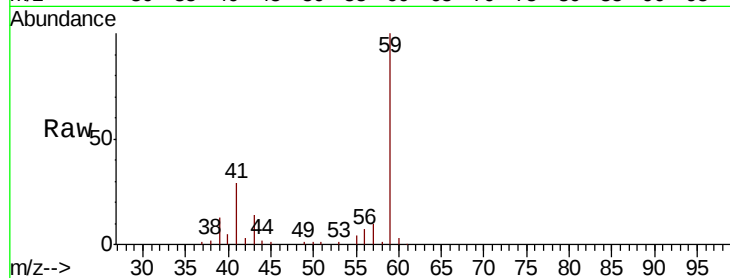


#11

Tert butyl alcohol
 Concen: 261.042 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.02 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Instrument :
 MSVOA_N
 ClientSampleId :

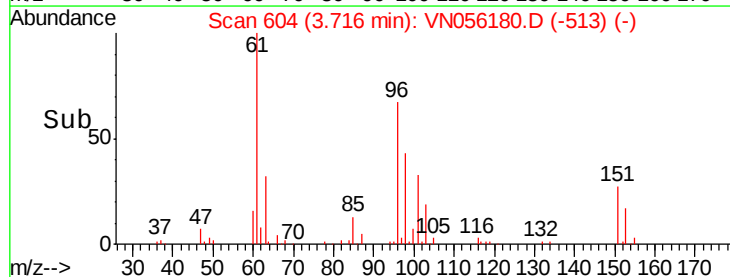
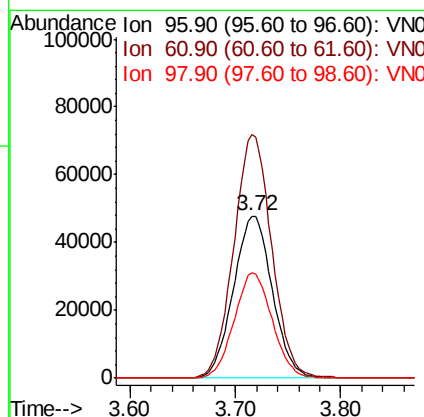
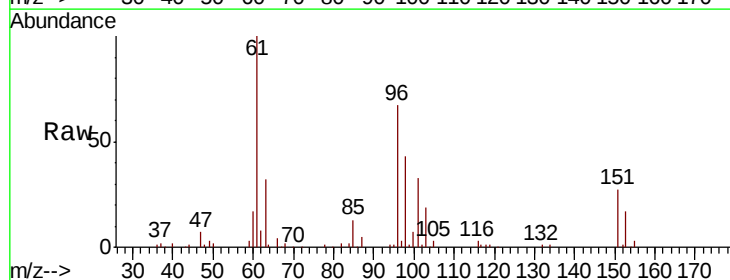
Tot Ion: 59 Resp: 128253
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

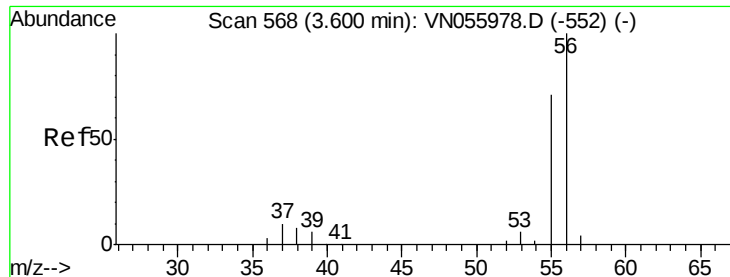


#12

1,1-Dichloroethene
 Concen: 51.139 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion: 96 Resp: 122069
 Ion Ratio Lower Upper
 96 100
 61 150.3 123.2 184.8
 98 65.3 50.4 75.6

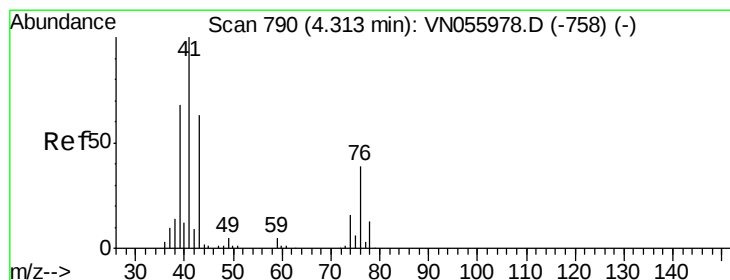
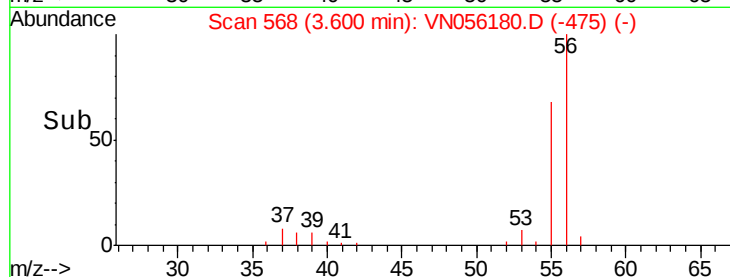
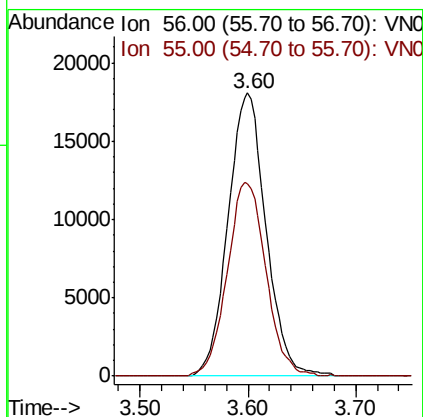
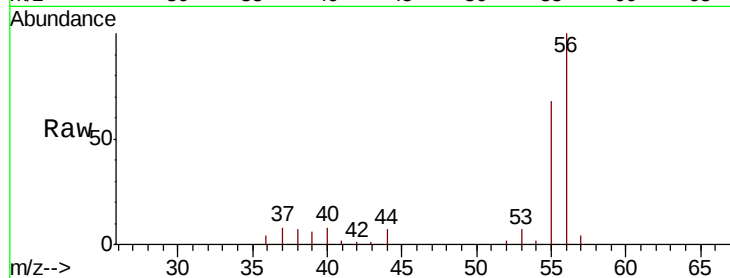




#13
Acrolein
Concen: 312.305 ug/l
RT: 3.60 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

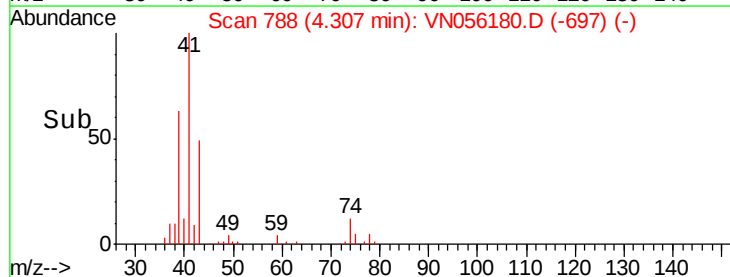
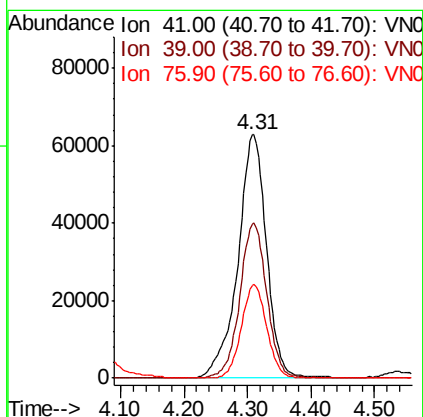
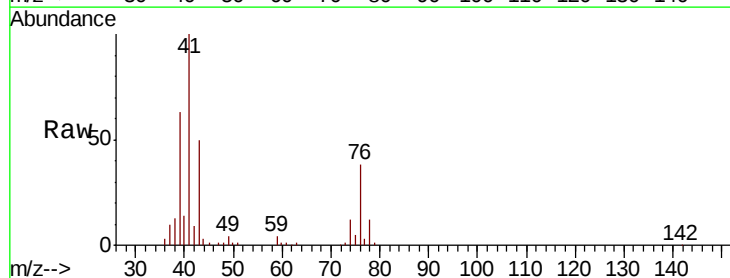
Instrument :
MSVOA_N
ClientSampled :

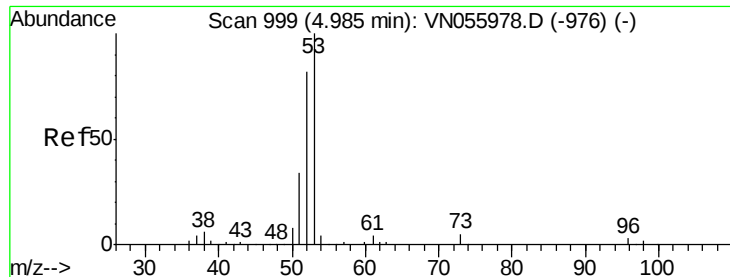
Tot Ion: 56 Resp: 44253
Ion Ratio Lower Upper
56 100
55 69.7 55.4 83.2



#14
Allyl chloride
Concen: 52.113 ug/l
RT: 4.31 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 41 Resp: 196423
Ion Ratio Lower Upper
41 100
39 60.0 50.0 75.0
76 34.0 28.2 42.2





#15

Acrylonitrile

Concen: 298.354 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

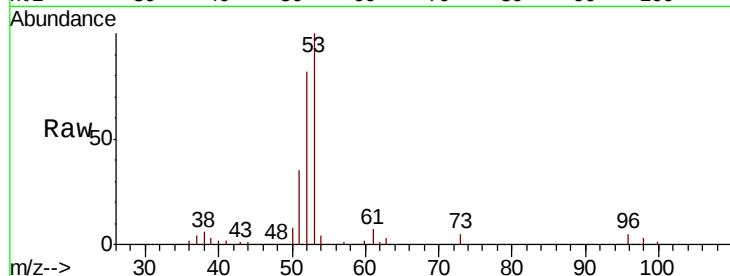
Tot Ion: 53 Resp: 356829

Ion Ratio Lower Upper

53 100

52 81.8 65.8 98.8

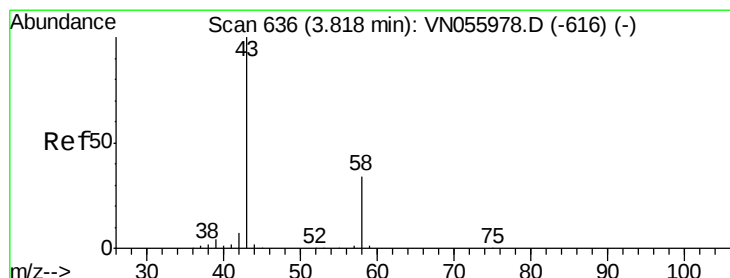
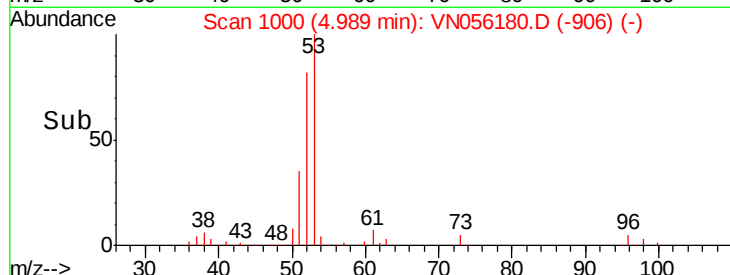
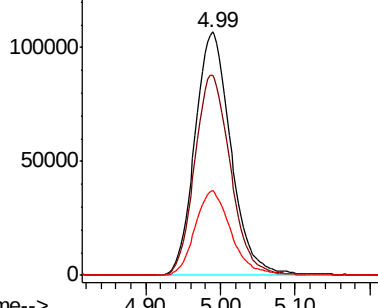
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN055978.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN055978.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN055978.D (-976) (-)



#16

Acetone

Concen: 208.628 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056180.D

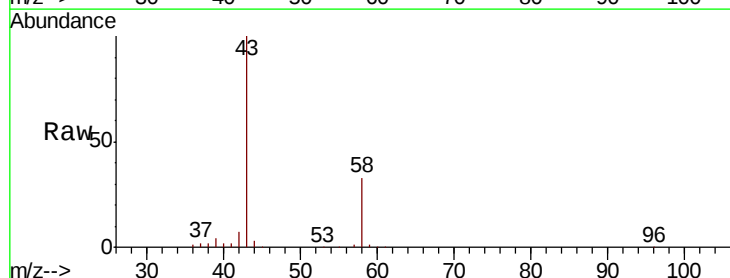
Acq: 10 Jun 2019 19:34

Tgt Ion: 43 Resp: 281707

Ion Ratio Lower Upper

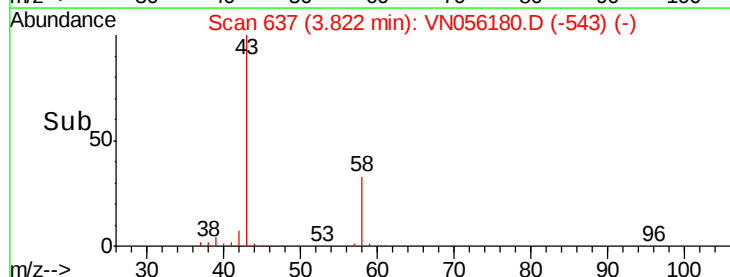
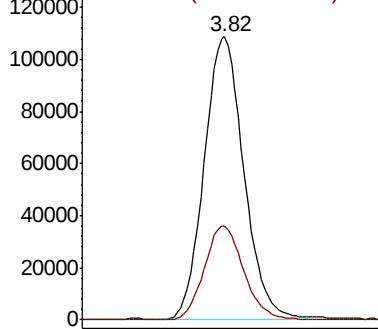
43 100

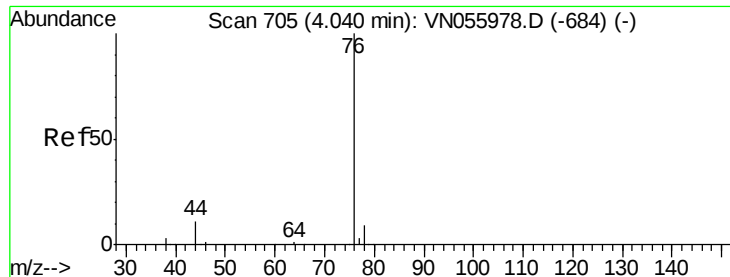
58 33.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

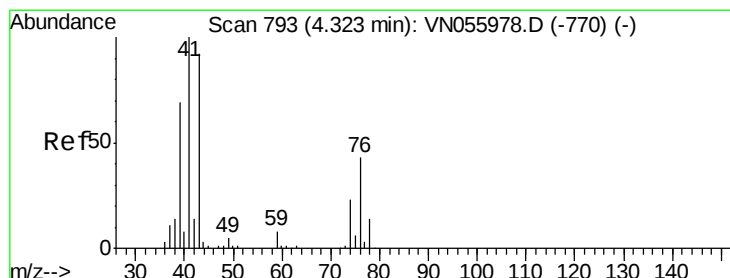
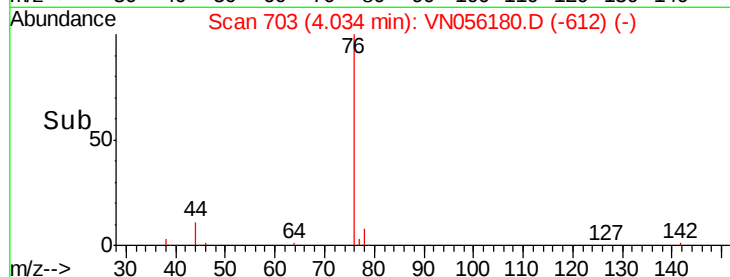
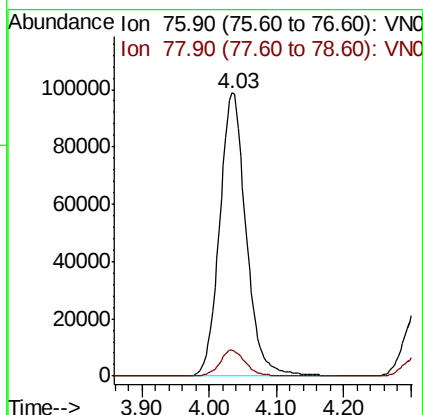
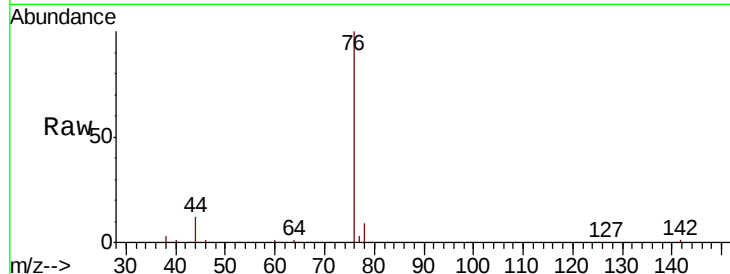




#17
Carbon Disulfide
Concen: 47.489 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

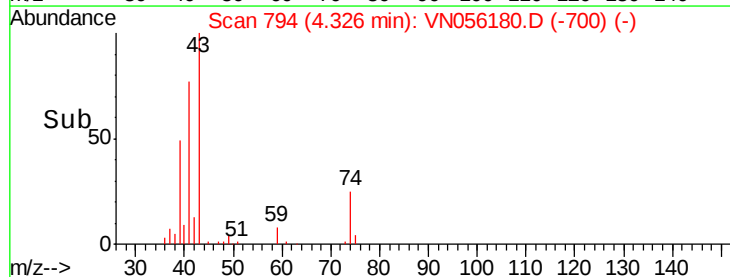
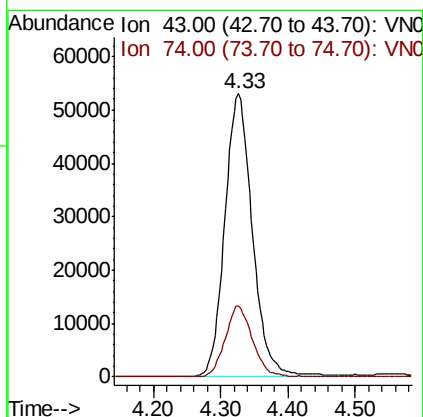
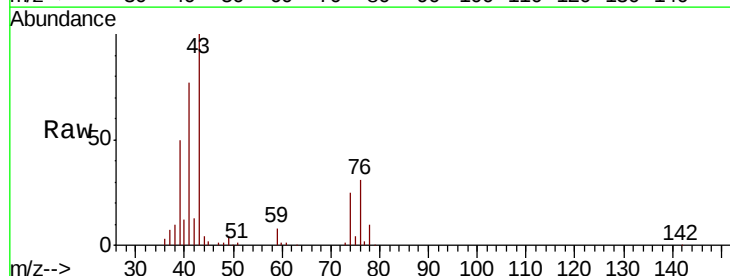
Instrument :
MSVOA_N
ClientSampled :

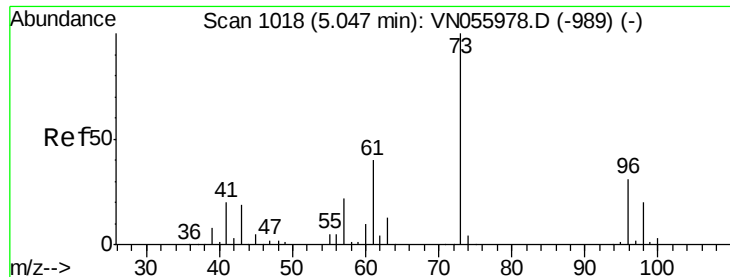
Tot Ion: 76 Resp: 271418
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 57.451 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 43 Resp: 152151
Ion Ratio Lower Upper
43 100
74 24.5 19.3 28.9

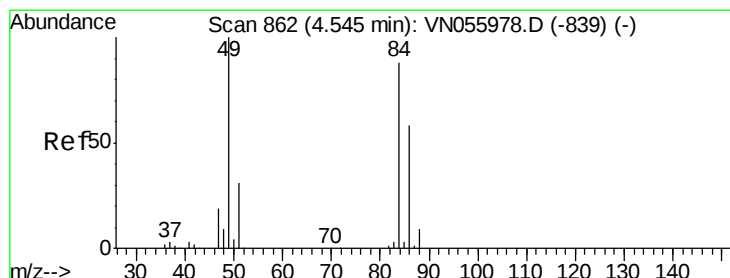
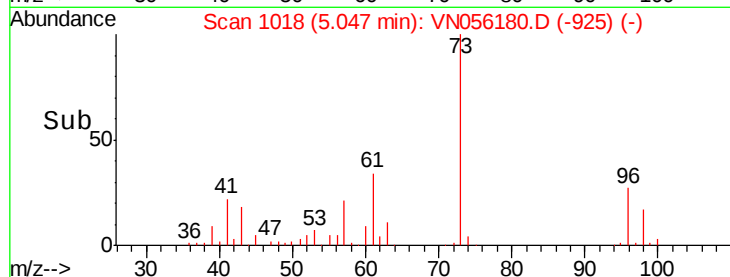
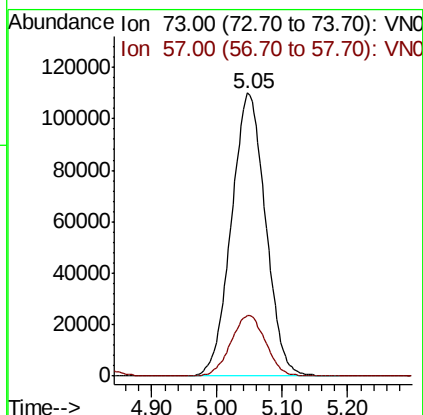
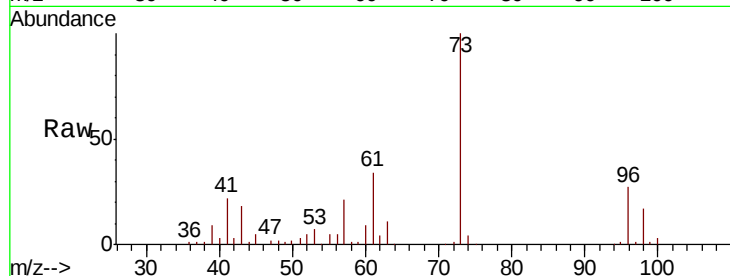




#19
Methvl tert-butvl Ether
Concen: 52.598 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

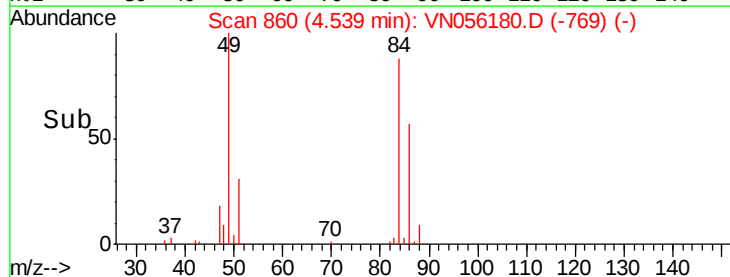
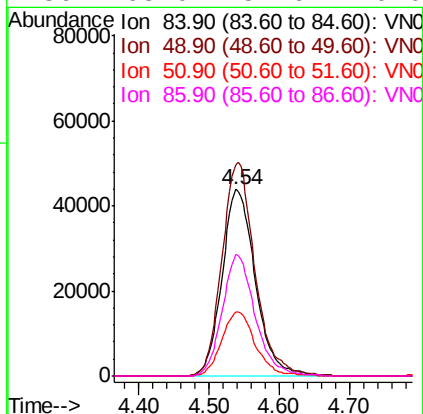
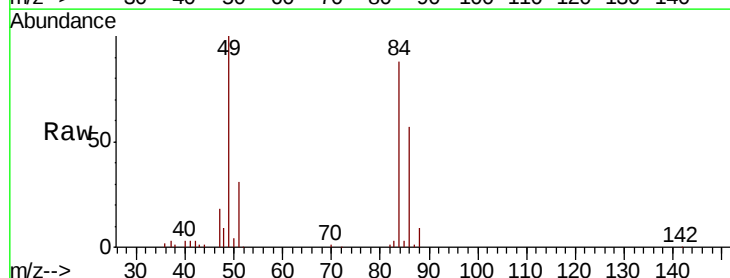
Instrument :
MSVOA_N
ClientSampleId :

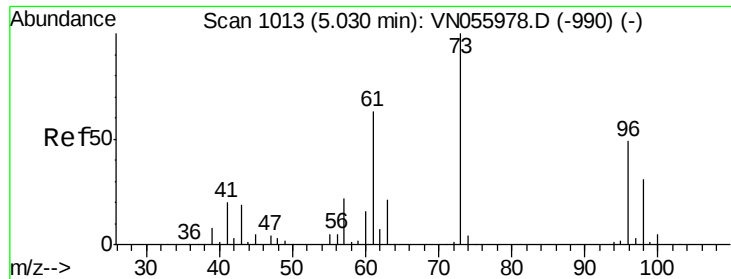
Tot Ion: 73 Resp: 400202
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 52.016 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 84 Resp: 144705
Ion Ratio Lower Upper
84 100
49 113.5 93.5 140.3
51 34.7 28.6 43.0
86 65.0 52.6 79.0

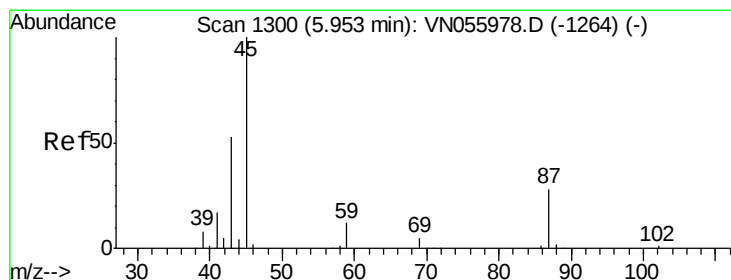
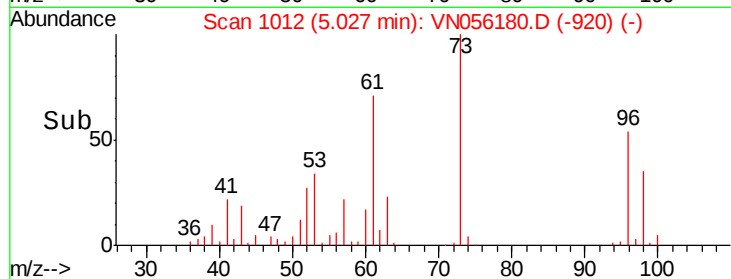
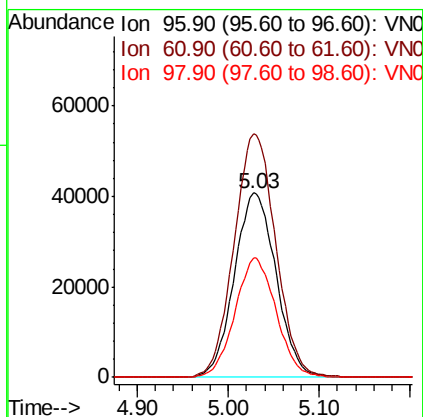
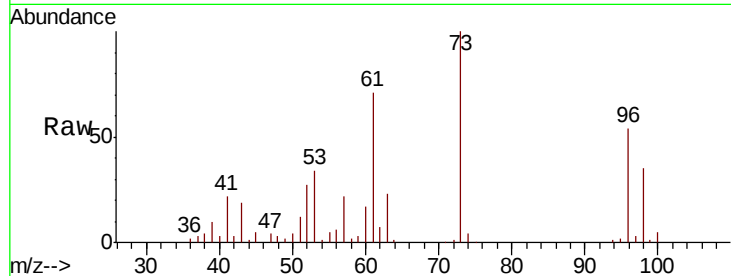




#21
trans-1,2-Dichloroethene
Concen: 50.965 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

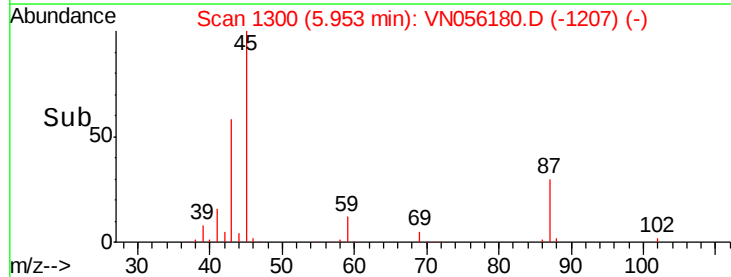
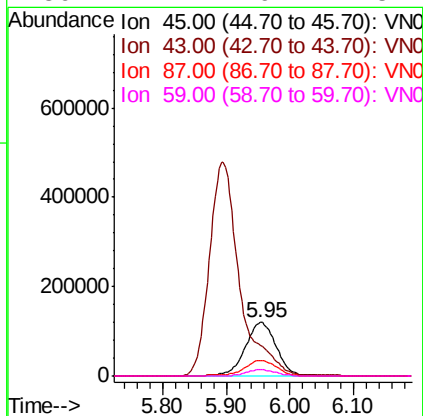
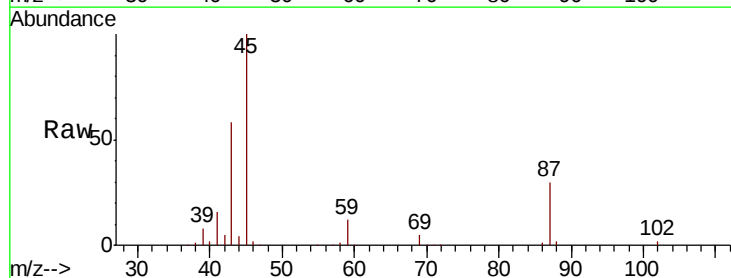
Instrument :
MSVOA_N
ClientSampled :

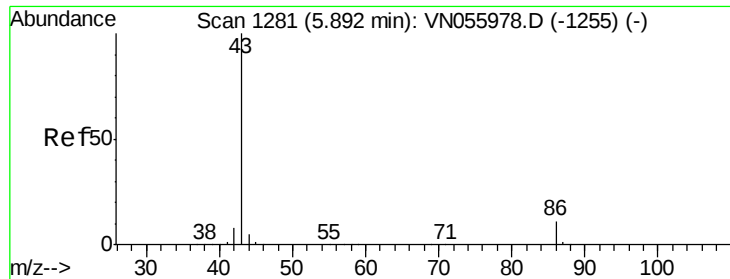
Tot Ion: 96 Resp: 130348
Ion Ratio Lower Upper
96 100
61 131.9 107.8 161.8
98 64.6 49.8 74.8



#22
Diisopropyl ether
Concen: 52.732 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 45 Resp: 410862
Ion Ratio Lower Upper
45 100
43 56.8 45.0 67.6
87 29.4 22.2 33.4
59 12.4 9.1 13.7

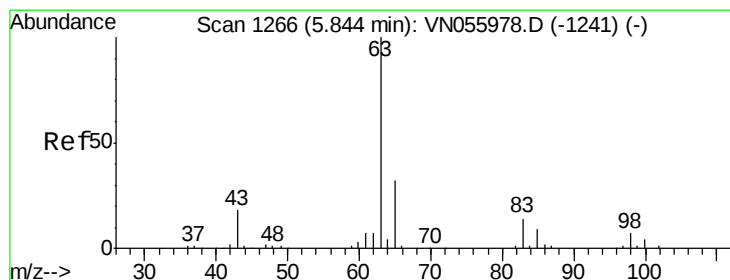
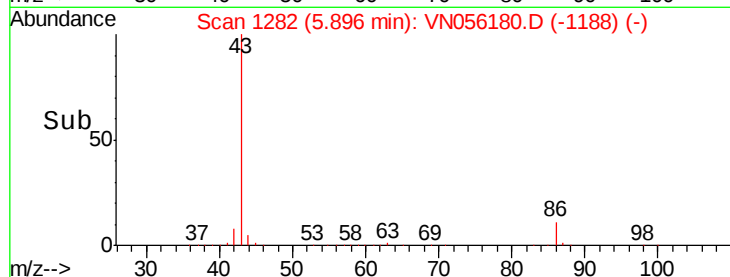
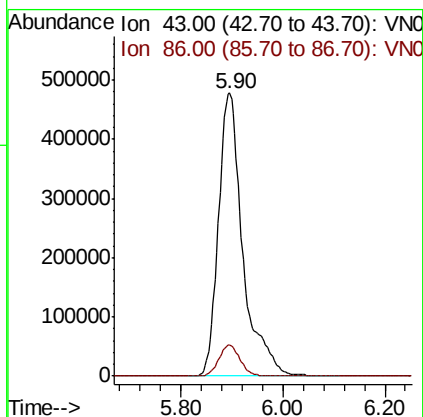
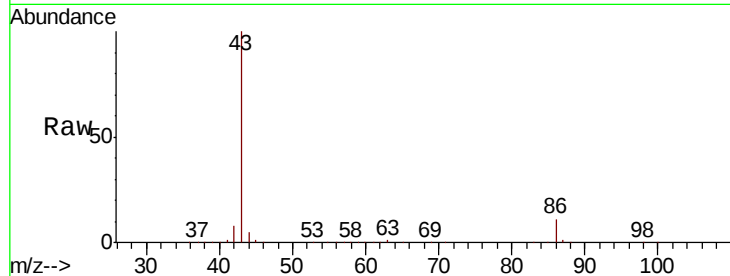




#23
 Vinyl Acetate
 Concen: 259.110 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

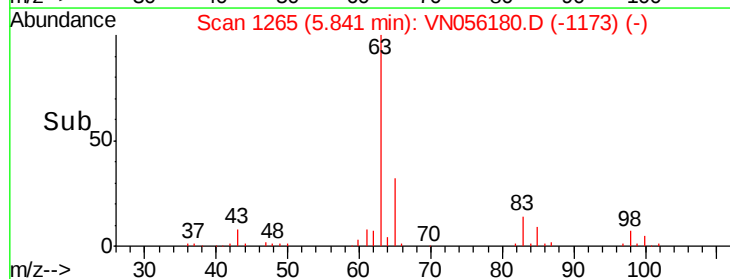
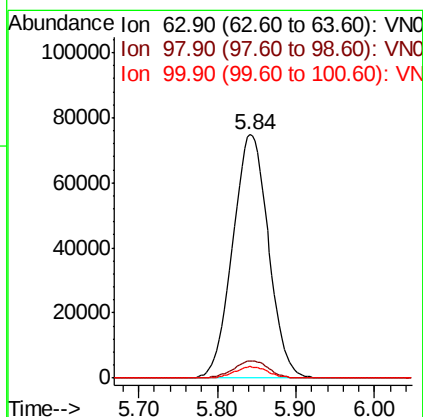
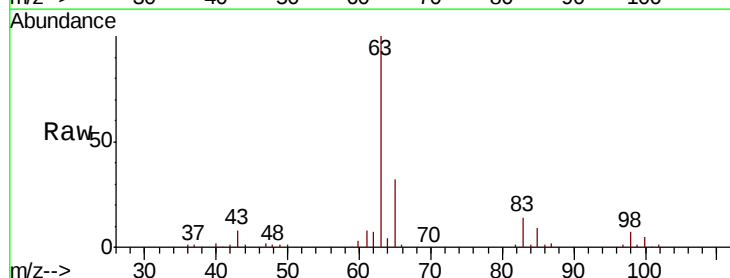
Instrument :
 MSVOA_N
 ClientSampled :

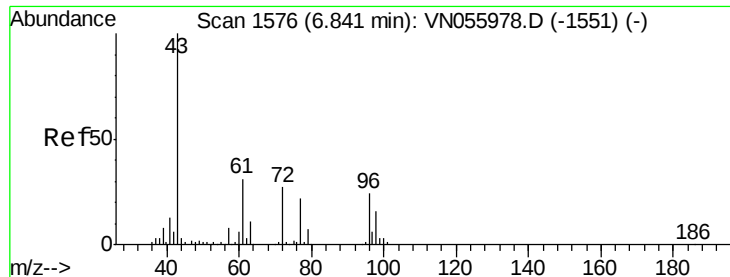
Tot Ion: 43 Resp: 1589857
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.884 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion: 63 Resp: 237685
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.7 2.2 6.6

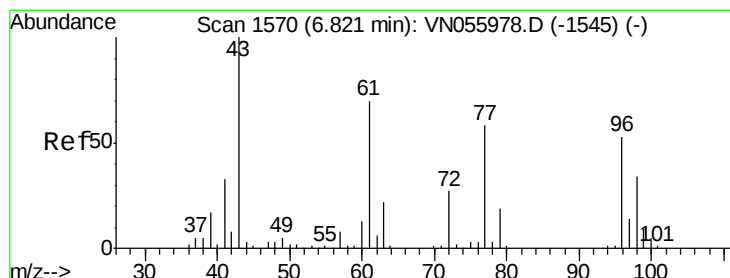
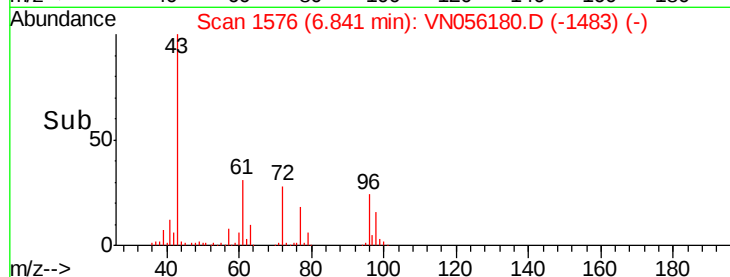
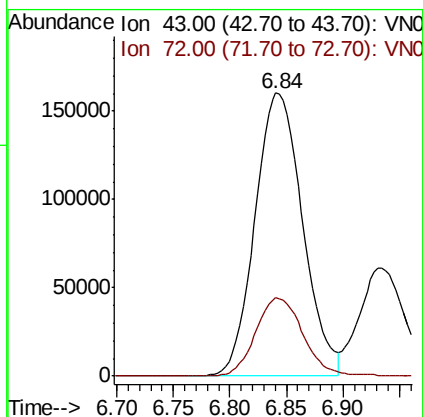
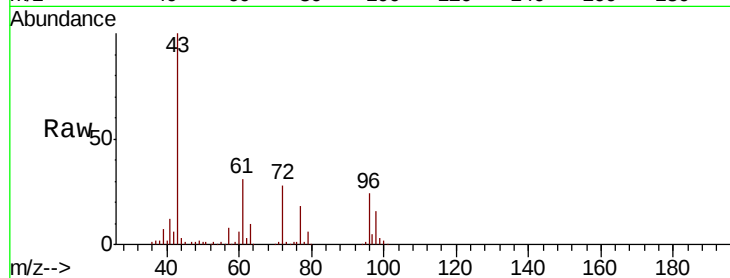




#25
2-Butanone
Concen: 273.382 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

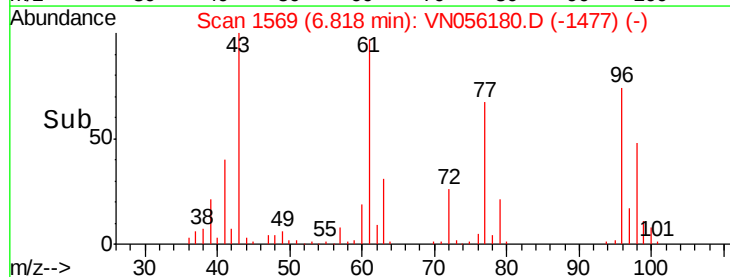
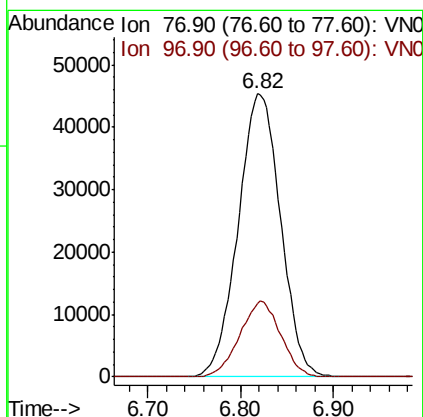
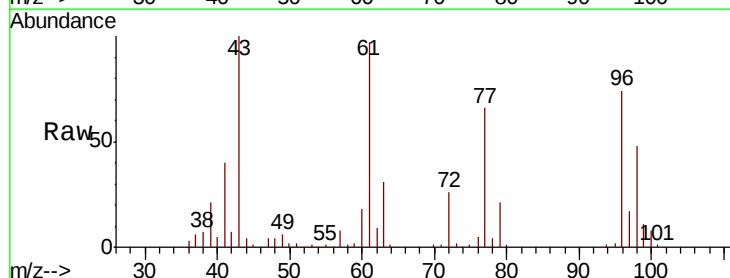
Instrument :
MSVOA_N
ClientSampled :

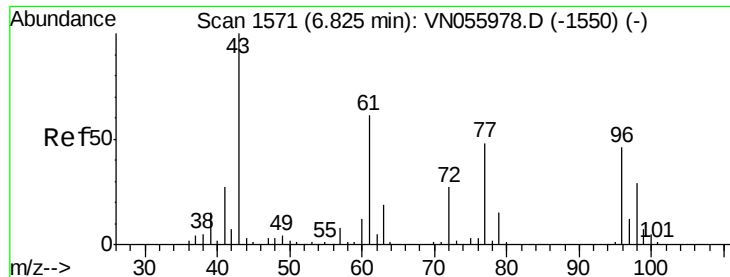
Tot Ion: 43 Resp: 466401
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 41.072 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 77 Resp: 144043
Ion Ratio Lower Upper
77 100
97 25.8 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.107 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

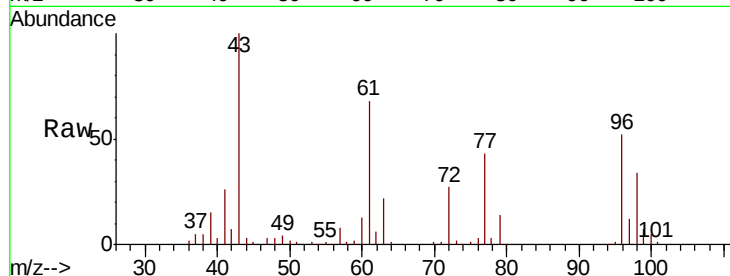
Tot Ion: 96 Resp: 153645

Ion Ratio Lower Upper

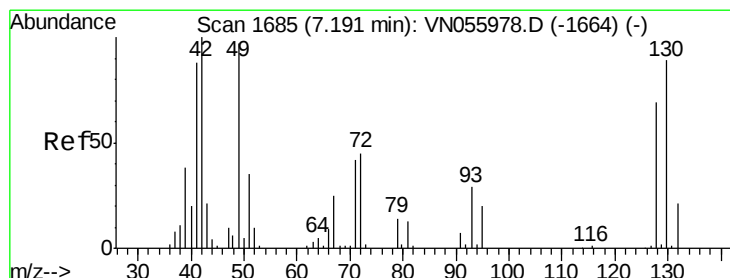
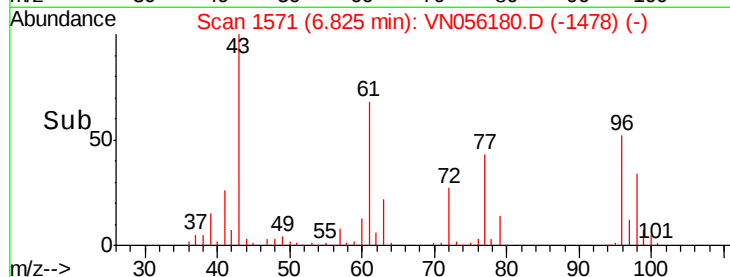
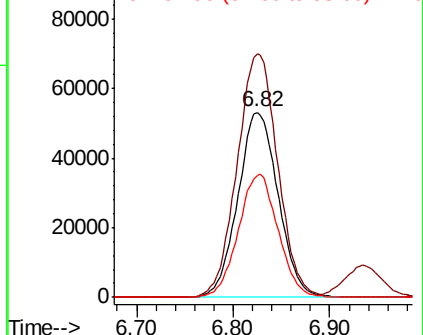
96 100

61 132.7 0.0 275.8

98 65.5 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: 55.411 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

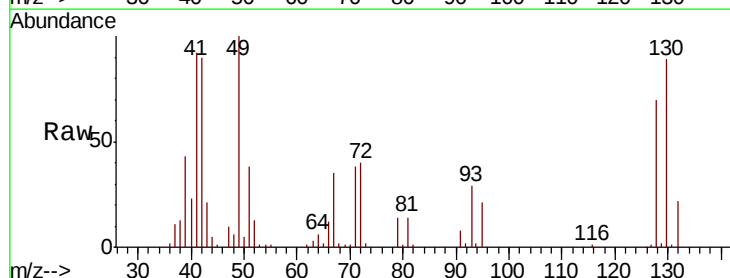
Tgt Ion: 49 Resp: 117773

Ion Ratio Lower Upper

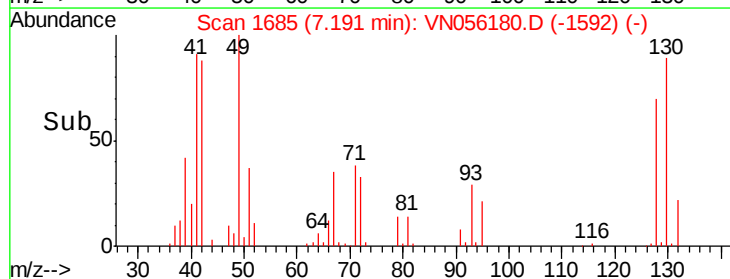
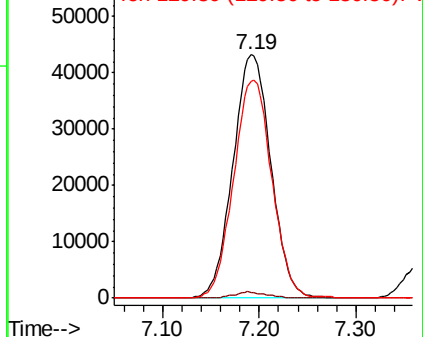
49 100

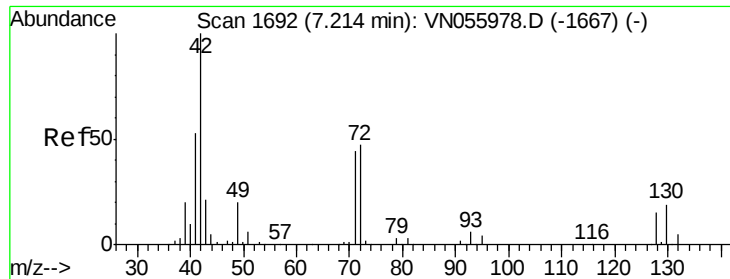
129 2.1 0.0 4.4

130 90.2 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

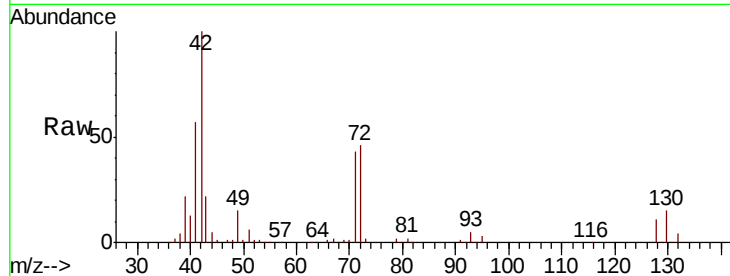




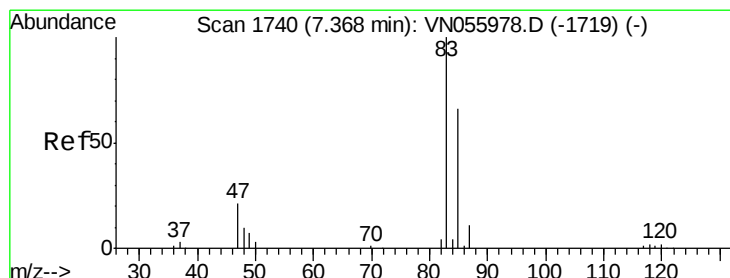
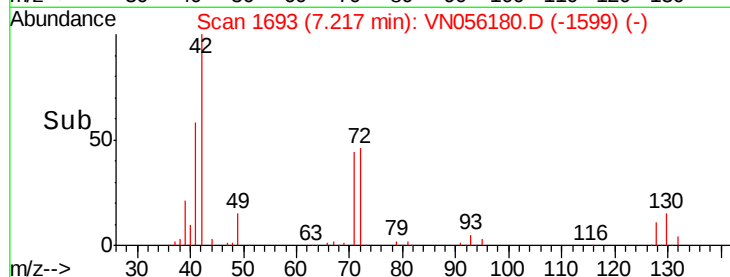
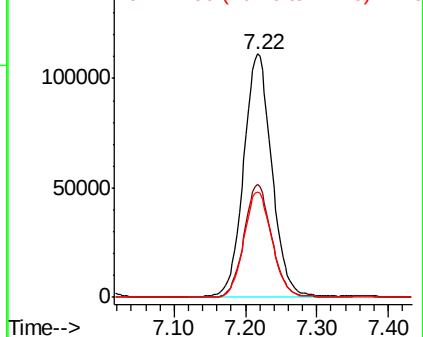
#29
Tetrahydrofuran
Concen: 291.425 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 307329
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 43.0 34.0 51.0

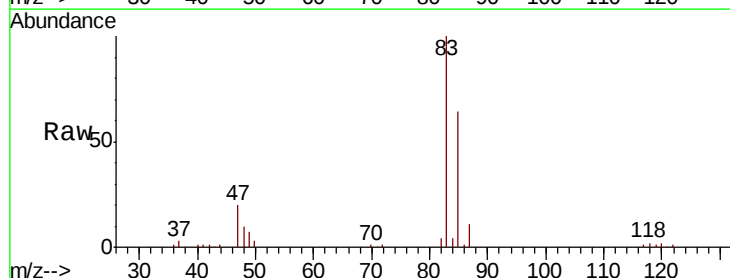


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

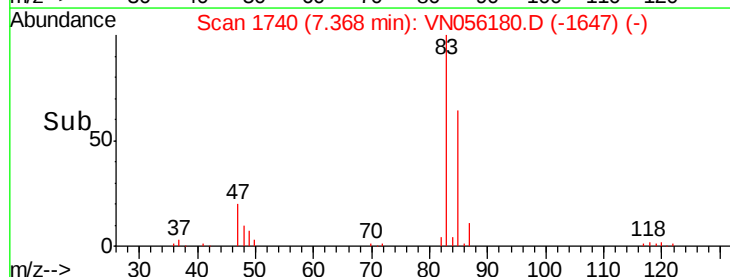
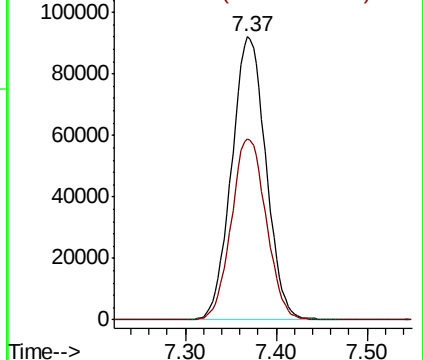


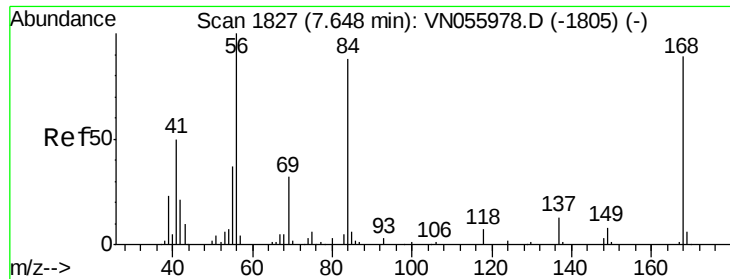
#30
Chloroform
Concen: 53.409 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 83 Resp: 241478
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.8



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

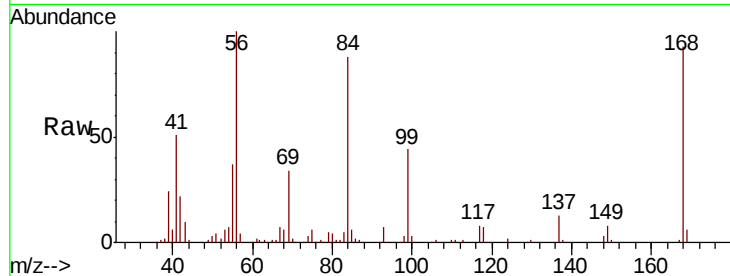




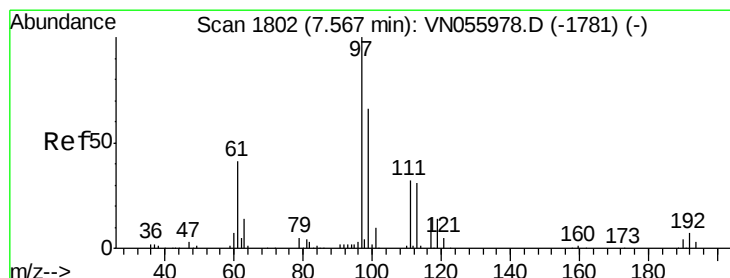
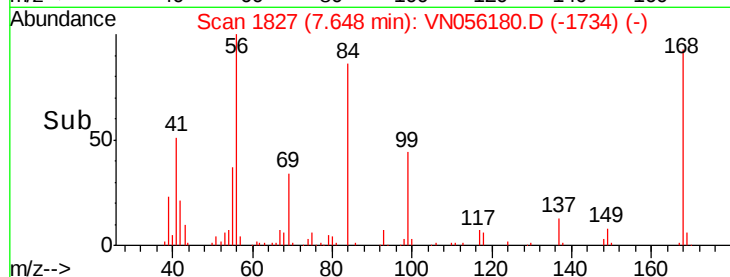
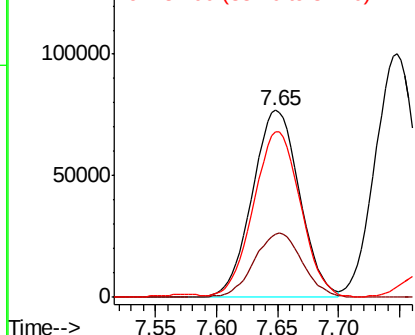
#31
Cyclohexane
Concen: 46.358 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 207680
Ion Ratio Lower Upper
56 100
69 33.9 25.6 38.4
84 87.1 67.4 101.0

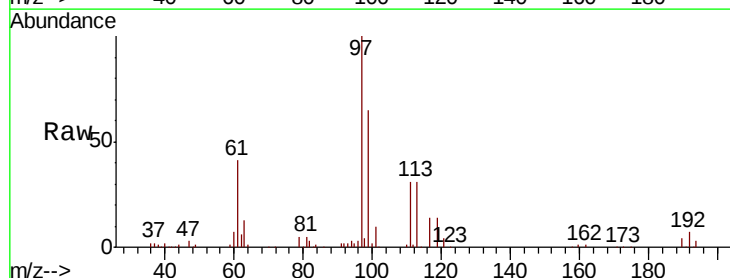


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

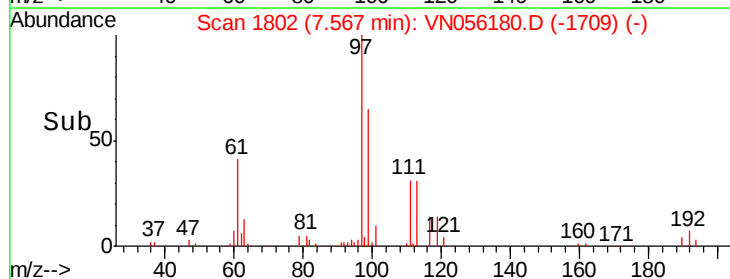
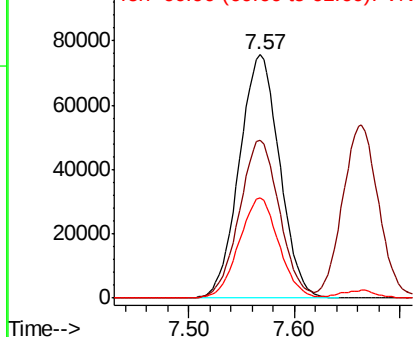


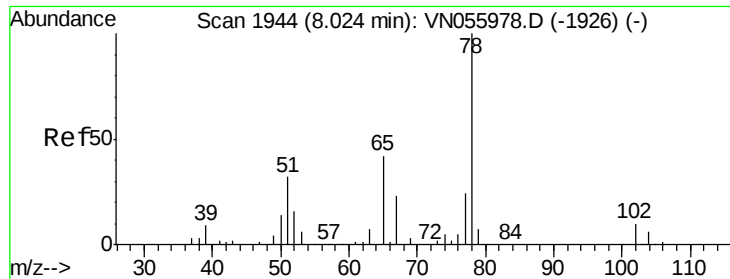
#32
1,1,1-Trichloroethane
Concen: 53.323 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 97 Resp: 201322
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 40.5 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

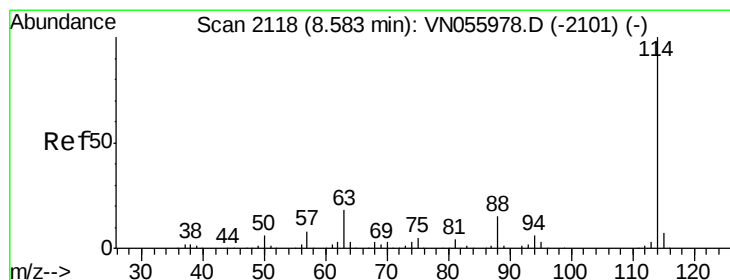
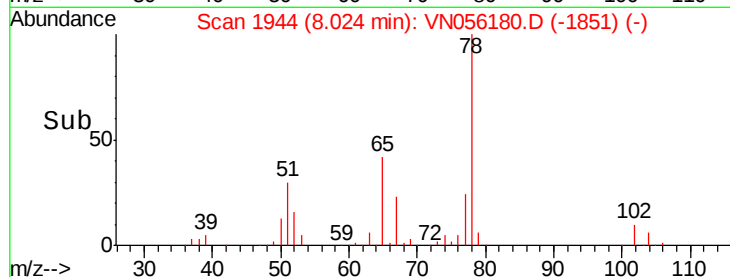
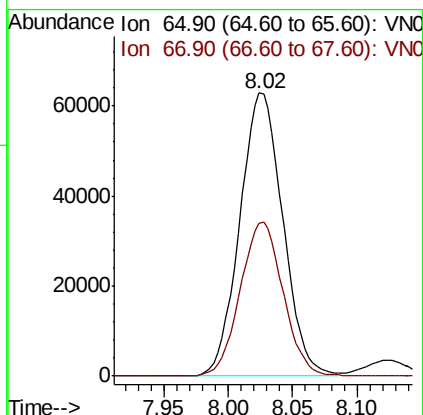
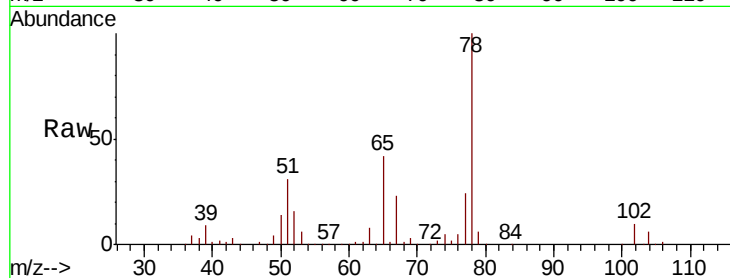




#33
 1,2-Dichloroethane-d4
 Concen: 51.814 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

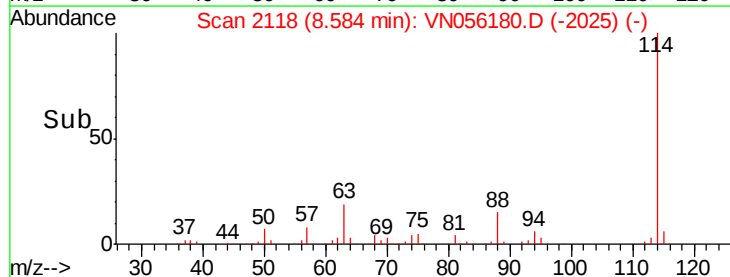
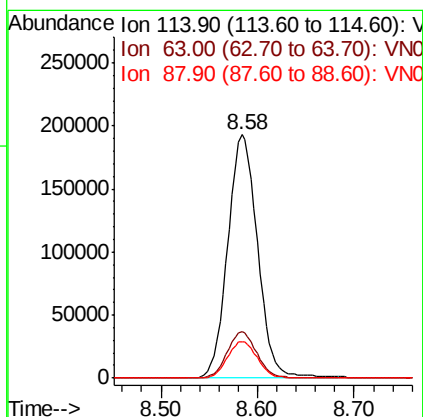
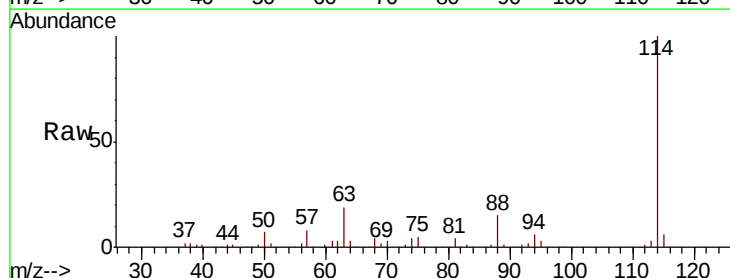
Instrument :
 MSVOA_N
 ClientSampleId :

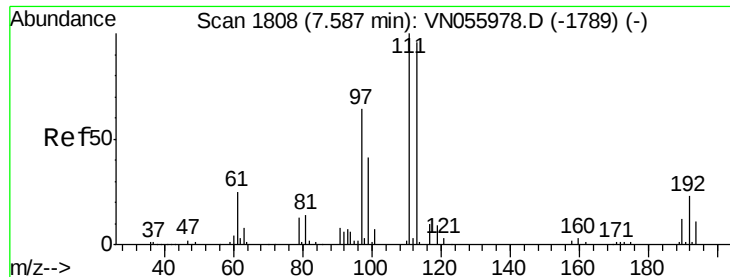
Tot Ion: 65 Resp: 146284
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion: 114 Resp: 413860
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 53.172 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

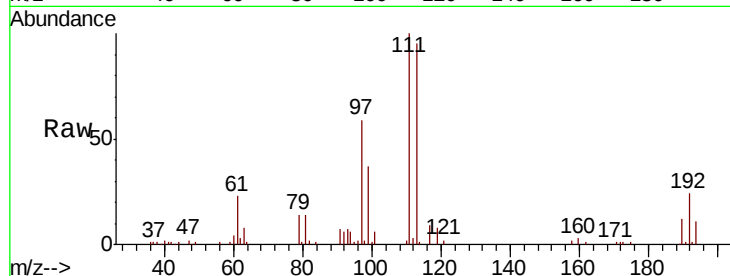
Tot Ion:113 Resp: 135012

Ion Ratio Lower Upper

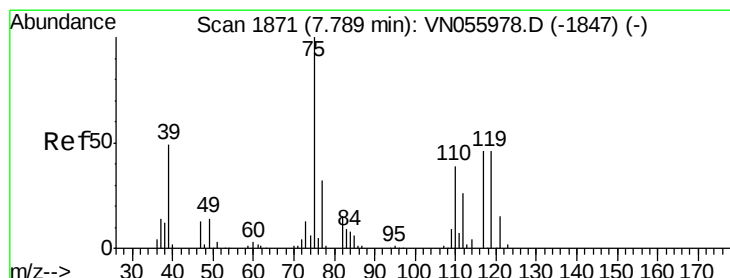
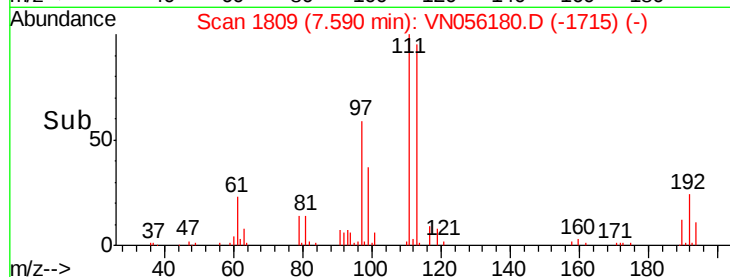
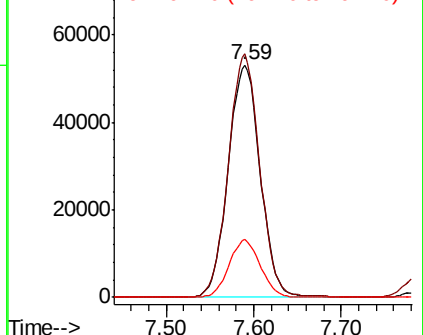
113 100

111 102.7 81.9 122.9

192 24.3 19.5 29.3



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



#36

1,1-Dichloropropene

Concen: 48.566 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

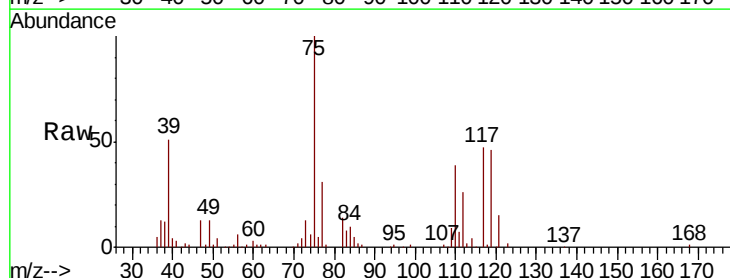
Tgt Ion: 75 Resp: 172826

Ion Ratio Lower Upper

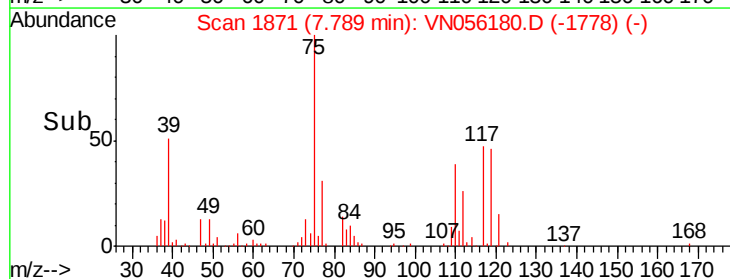
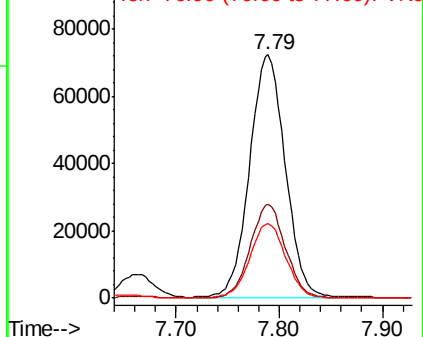
75 100

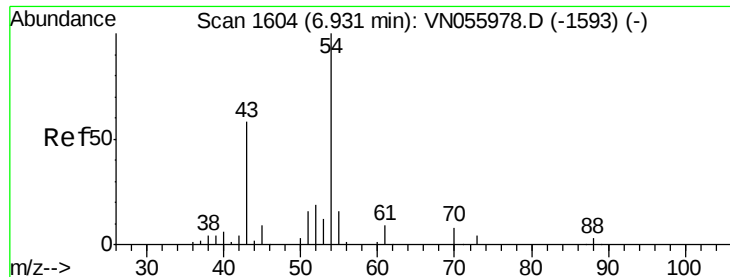
110 38.2 19.0 57.0

77 31.3 25.1 37.7



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

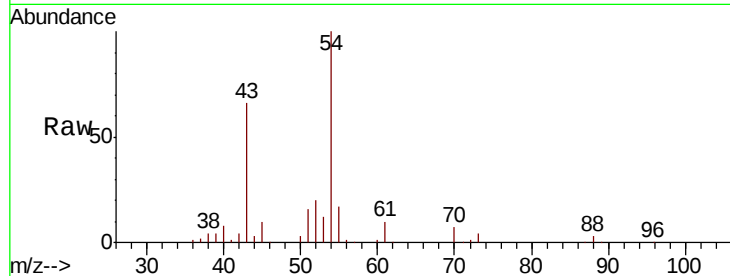




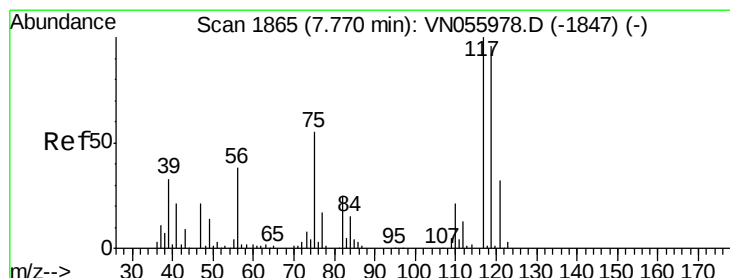
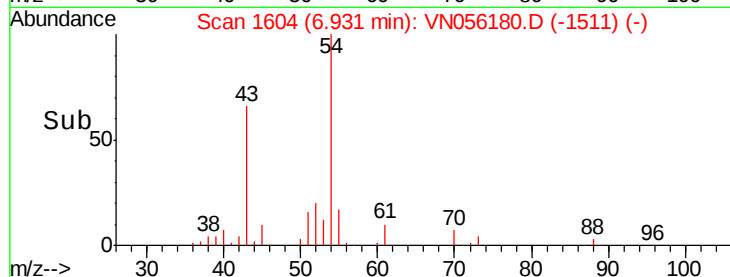
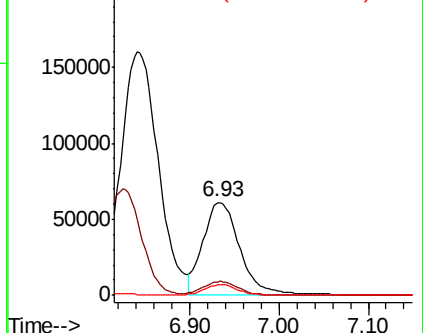
#37
Ethyl Acetate
Concen: 54.377 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 172176
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 11.1 8.9 13.3

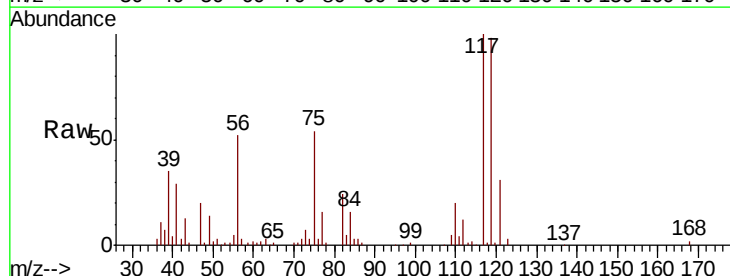


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

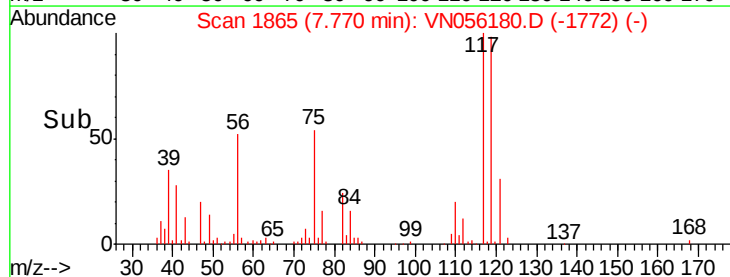
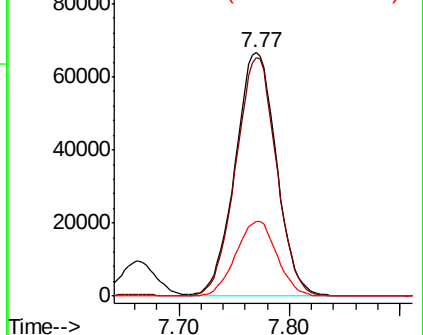


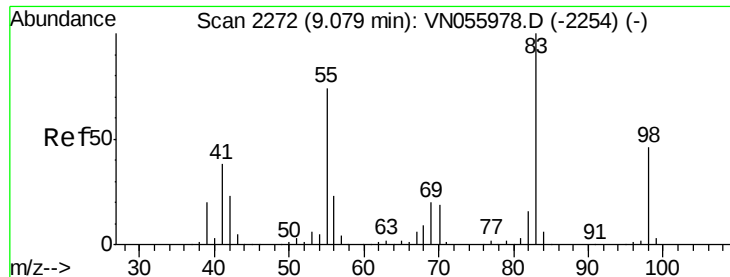
#38
Carbon Tetrachloride
Concen: 52.651 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 117 Resp: 172739
Ion Ratio Lower Upper
117 100
119 98.2 79.0 118.6
121 30.5 24.7 37.1



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

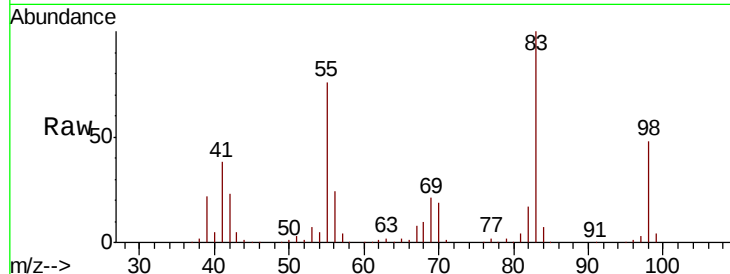




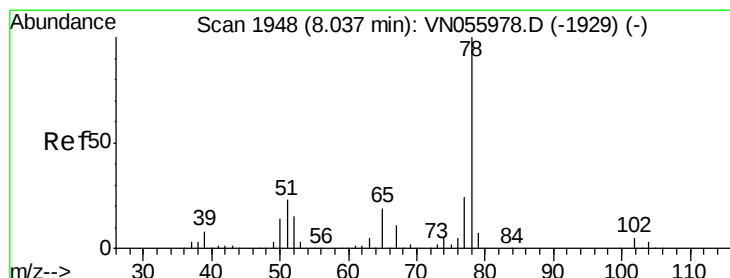
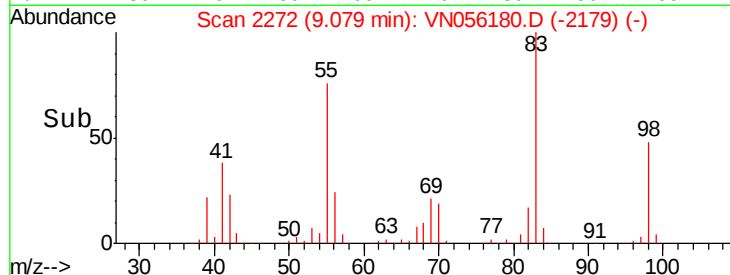
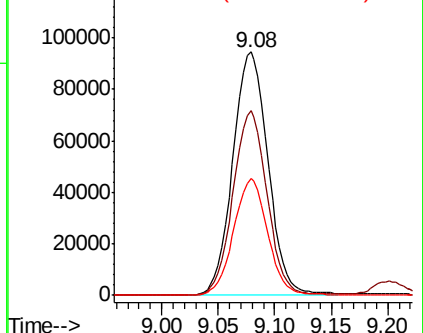
#39
Methvlcvclohexane
Concen: 46.501 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 206138
Ion Ratio Lower Upper
83 100
55 75.6 59.3 88.9
98 47.9 36.6 54.8

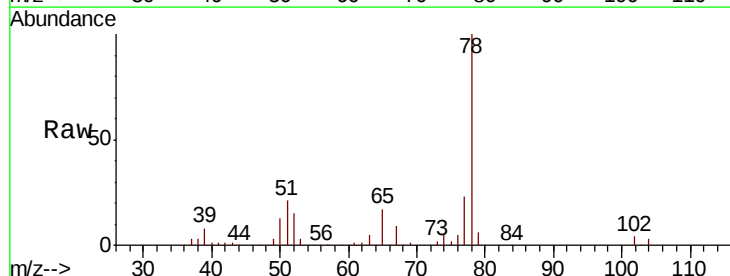


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

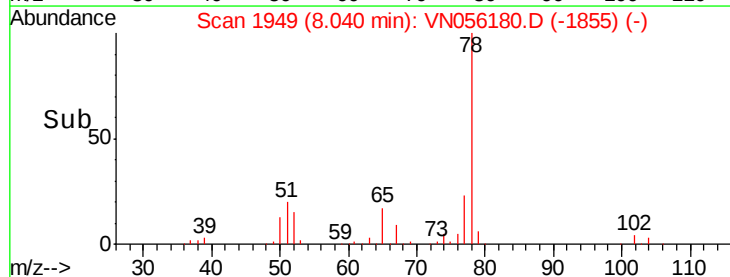
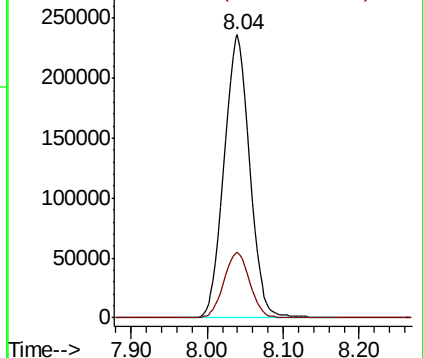


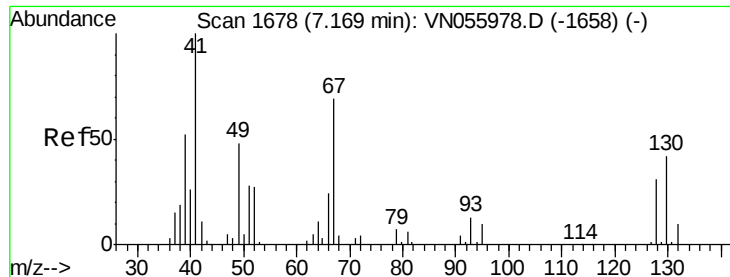
#40
Benzene
Concen: 51.473 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 78 Resp: 556335
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



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

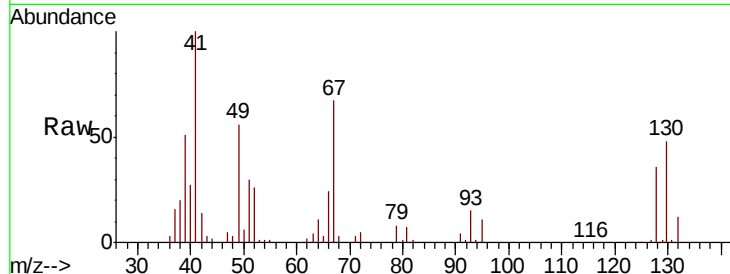




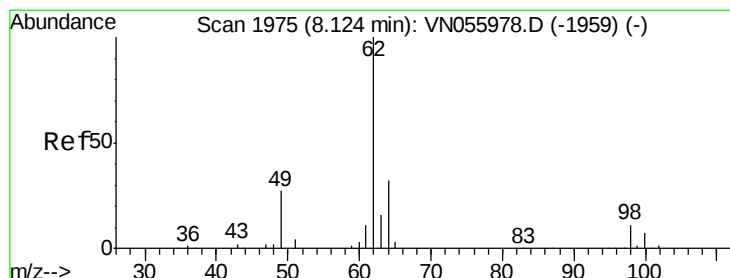
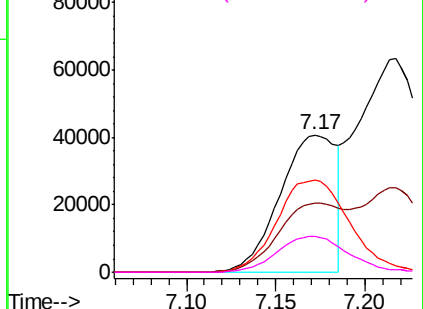
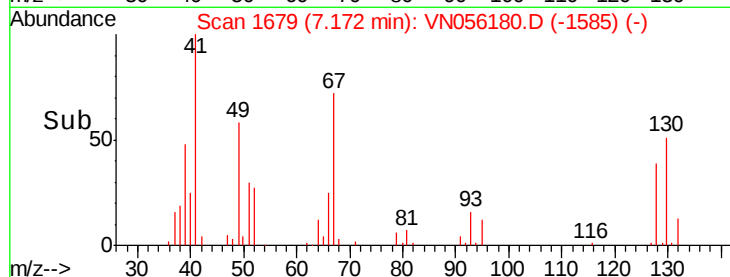
#41
Methacrylonitrile
Concen: 61.294 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 89293
Ion Ratio Lower Upper
41 100
39 59.8 45.6 68.4
67 87.0 67.7 101.5
52 33.3 26.6 40.0

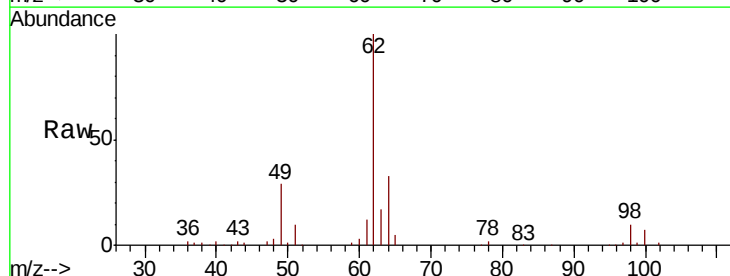


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

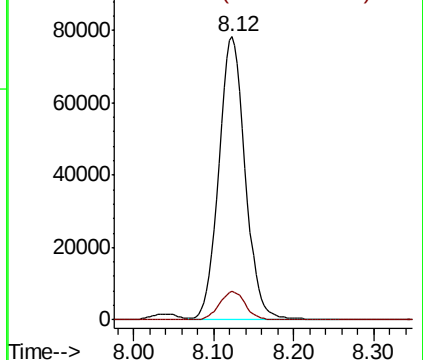
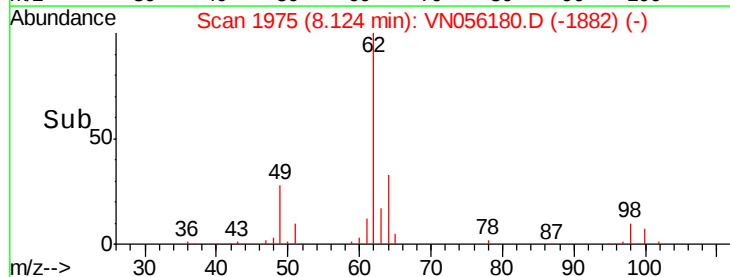


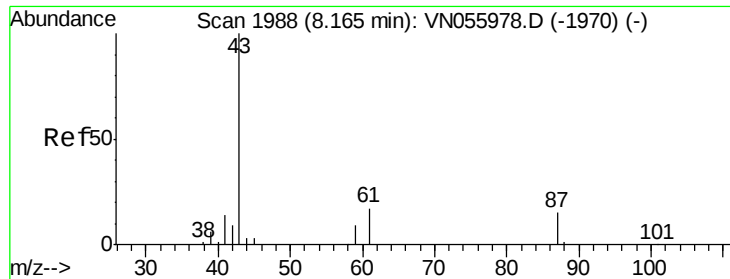
#42
1,2-Dichloroethane
Concen: 51.406 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 62 Resp: 178721
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 52.953 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

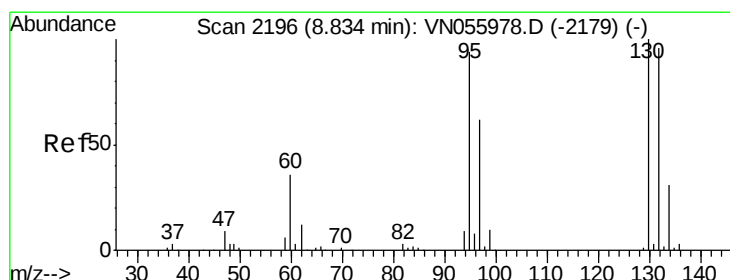
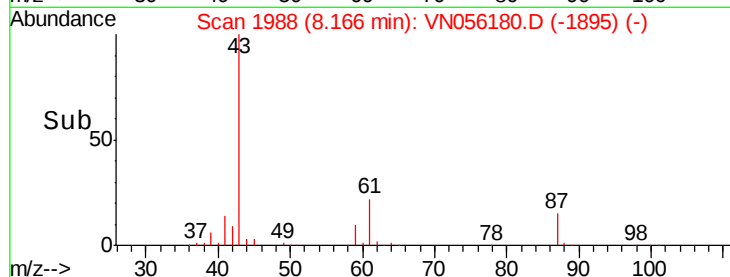
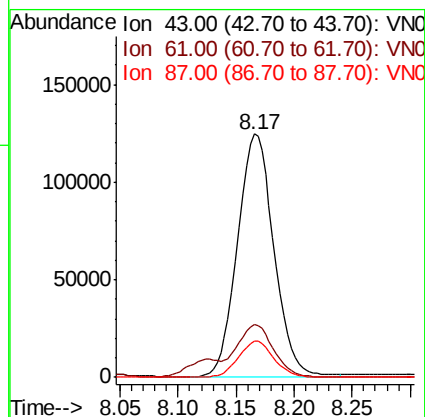
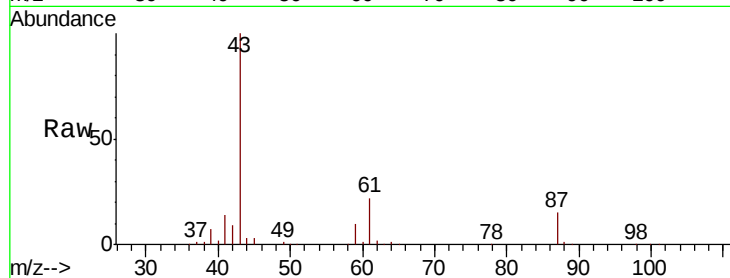
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 271694

Ion	Ratio	Lower	Upper
43	100		
61	21.6	22.2	33.4#
87	14.6	11.4	17.2



#44

Trichloroethene

Concen: 51.021 ug/l

RT: 8.83 min Scan# 2196

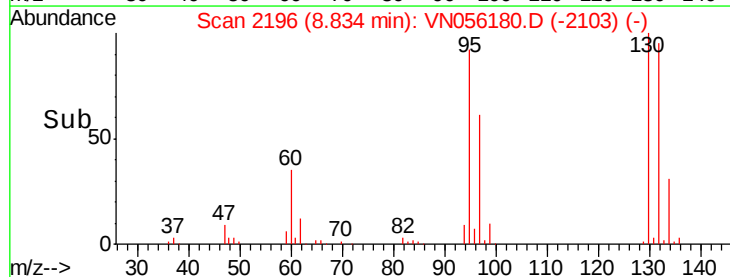
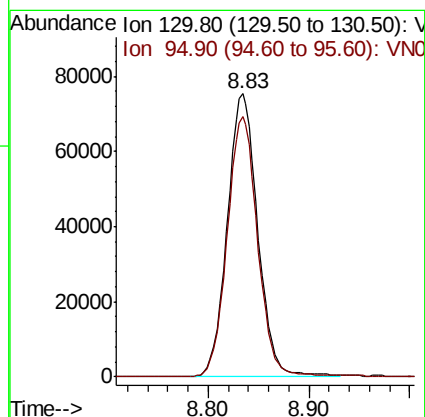
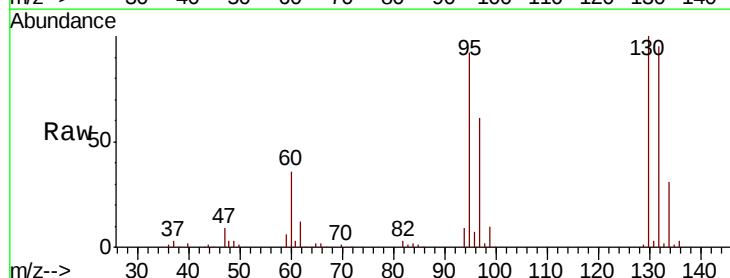
Delta R.T. 0.00 min

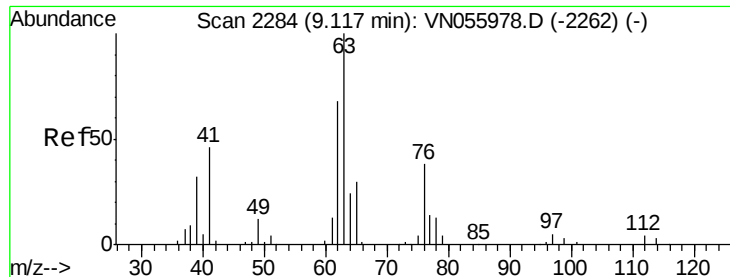
Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Tgt Ion: 130 Resp: 158460

Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.691 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

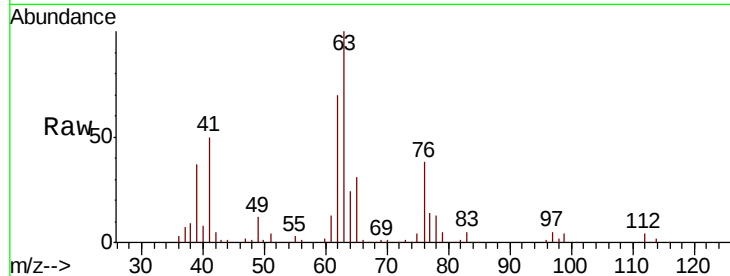
ClientSampled :

Tot Ion: 63 Resp: 145874

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN056180.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN056180.D (-2191) (-)

9.12

80000

60000

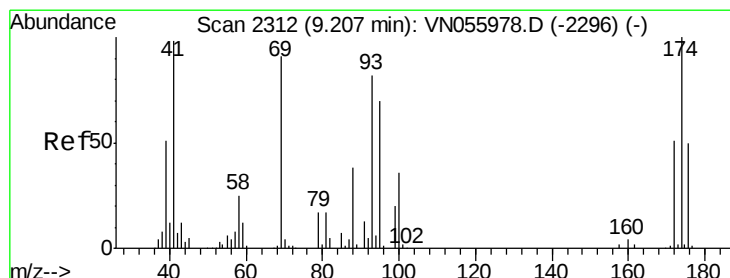
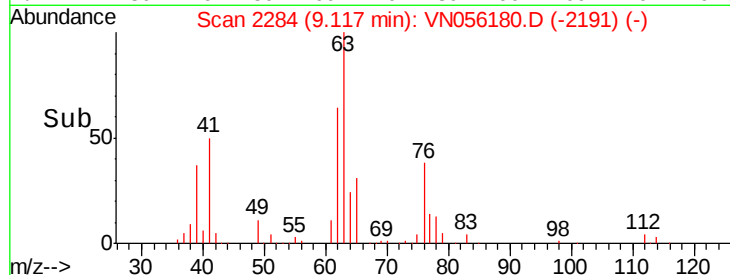
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 54.069 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

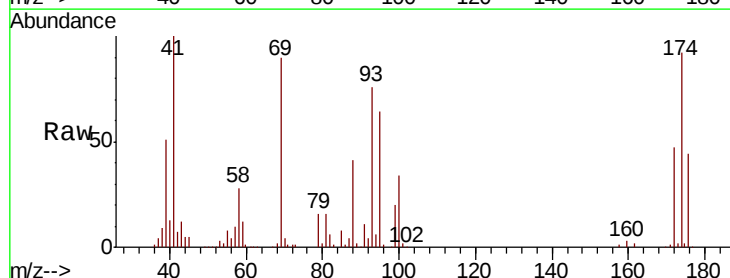
Tgt Ion: 93 Resp: 97886

Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 121.4 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN056180.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN056180.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN056180.D (-2219) (-)

9.21

80000

60000

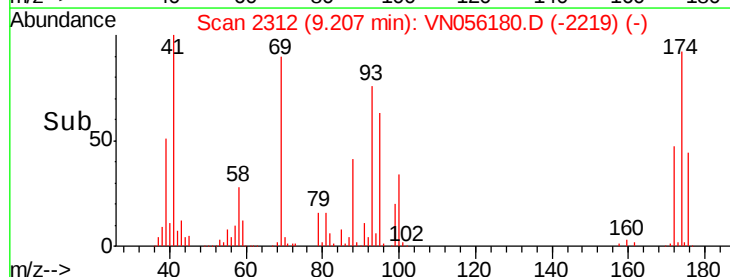
40000

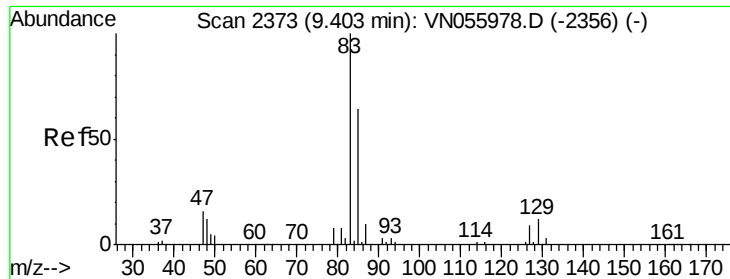
20000

0

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 55.568 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

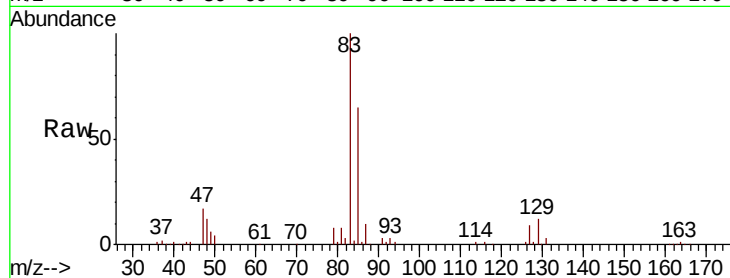
Tot Ion: 83 Resp: 182325

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.2

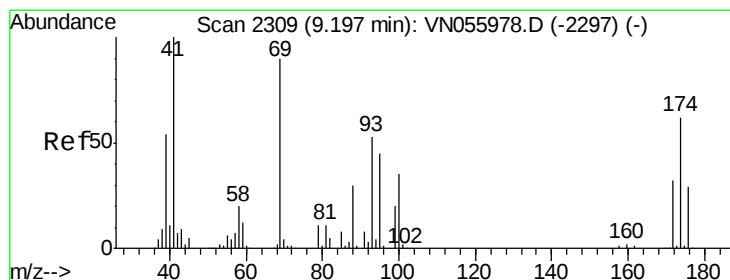
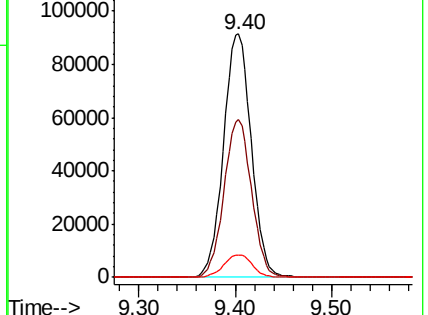
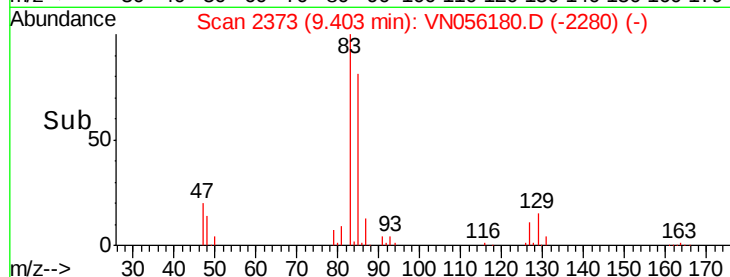
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056180.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056180.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056180.D (-2280) (-)



#48

Methyl methacrylate

Concen: 57.078 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

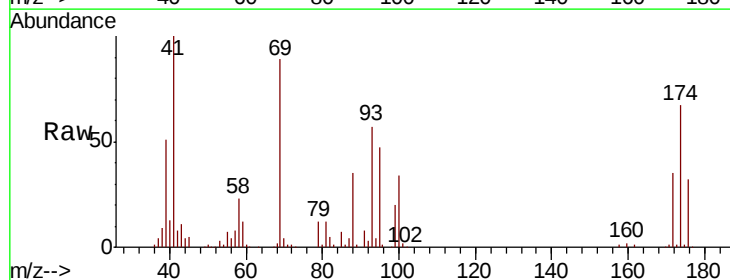
Tgt Ion: 41 Resp: 143276

Ion Ratio Lower Upper

41 100

69 88.8 71.0 106.6

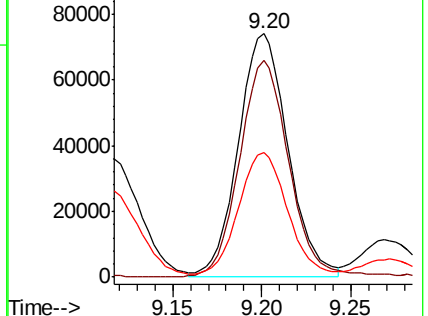
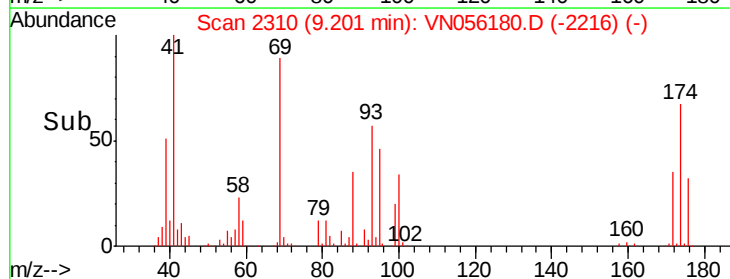
39 51.1 44.2 66.2

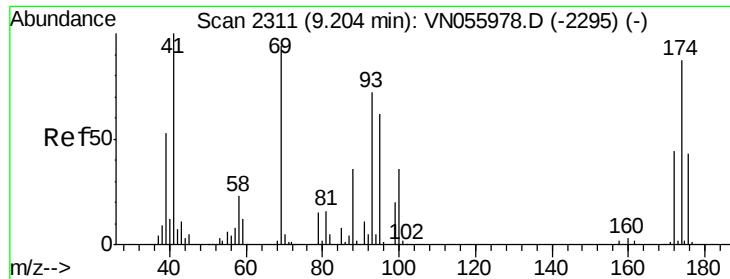


Abundance Ion 41.00 (40.70 to 41.70): VN056180.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056180.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056180.D (-2216) (-)

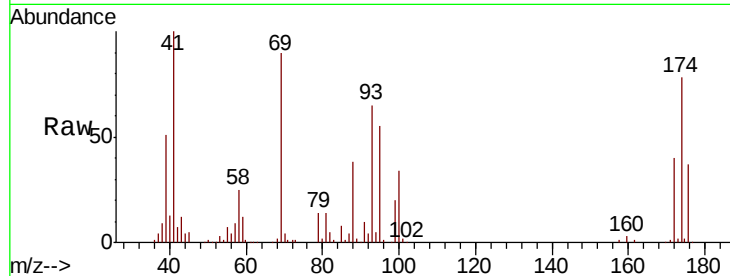




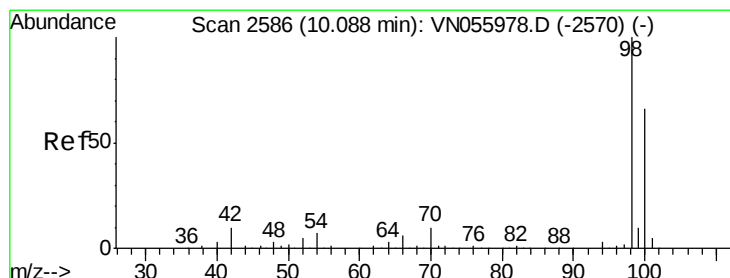
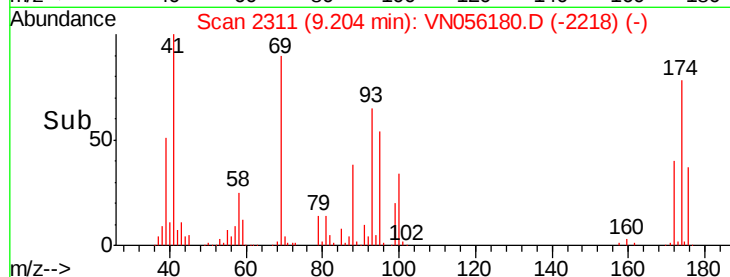
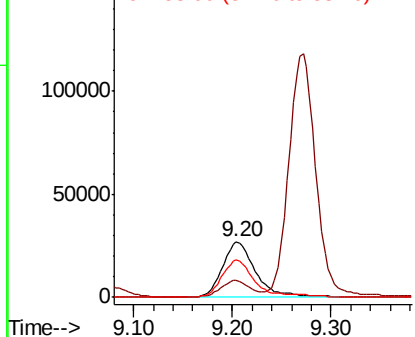
#49
1,4-Dioxane
Concen: 1169.954 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 63402
Ion Ratio Lower Upper
88 100
43 26.6 20.5 30.7
58 68.9 55.8 83.6

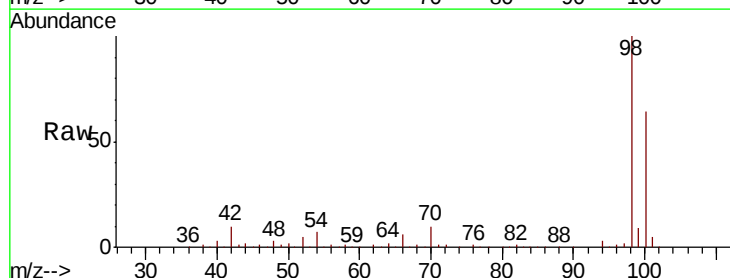


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

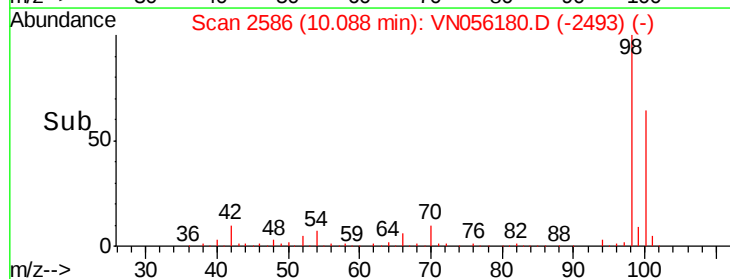
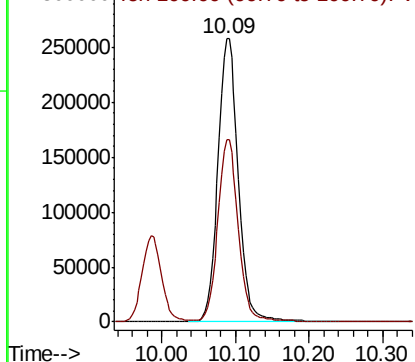


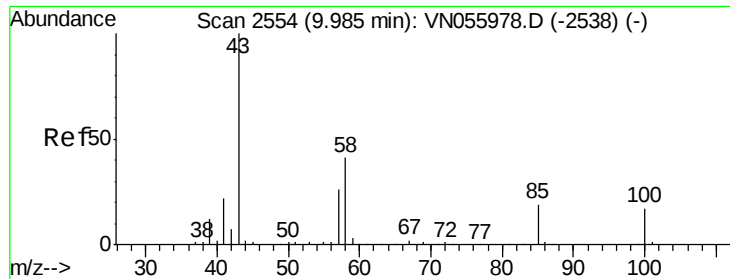
#50
Toluene-d8
Concen: 50.680 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 98 Resp: 495181
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 286.998 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

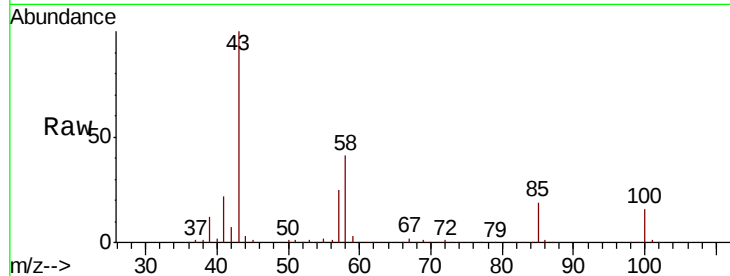
ClientSampled :

Tot Ion: 43 Resp: 920866

Ion Ratio Lower Upper

43 100

58 40.5 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

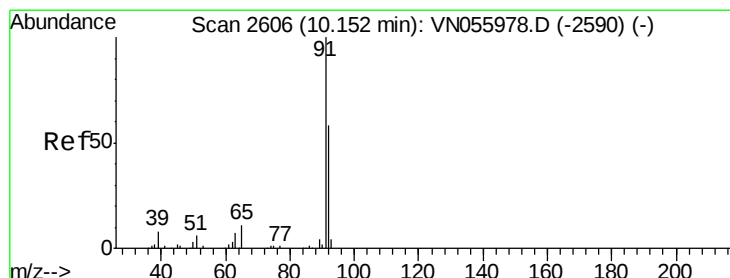
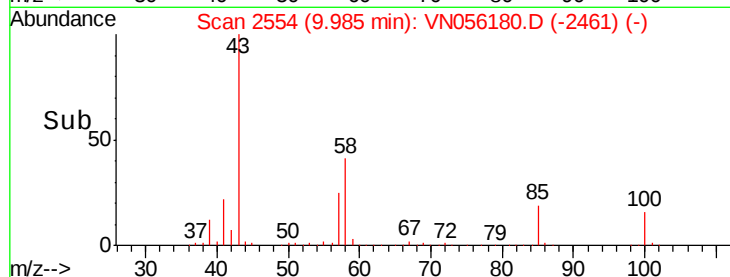
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.582 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056180.D

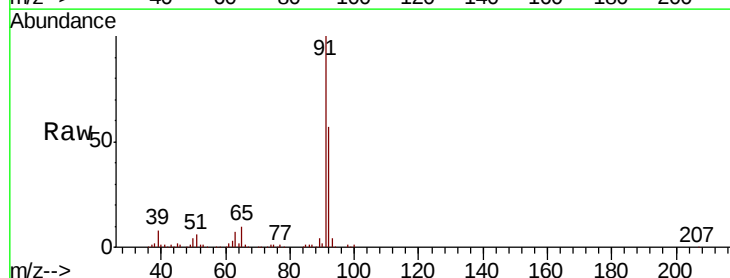
Acq: 10 Jun 2019 19:34

Tgt Ion: 92 Resp: 346921

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.2



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

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

10.16

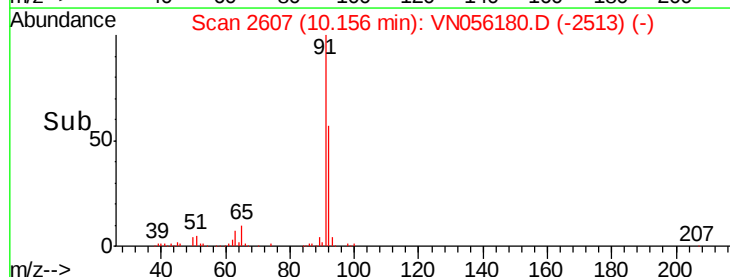
300000

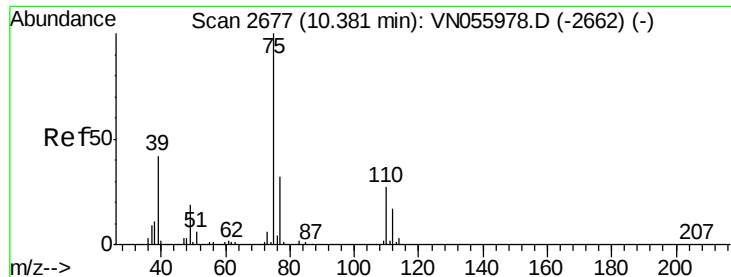
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.375 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

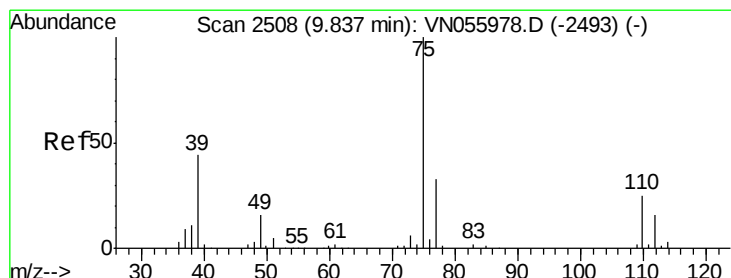
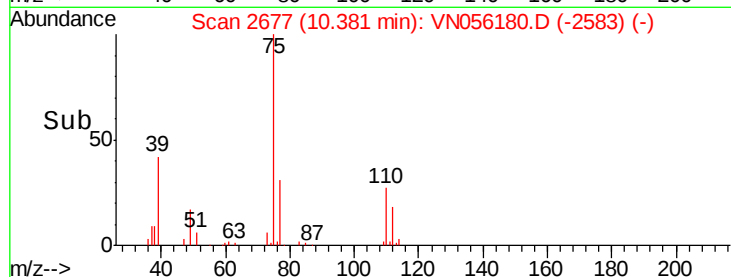
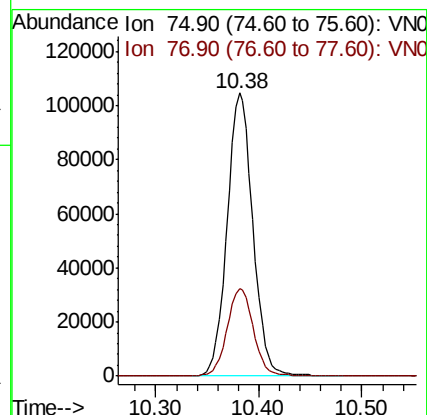
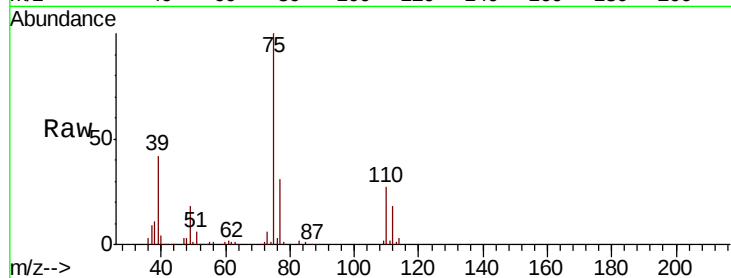
ClientSampleId :

Tot Ion: 75 Resp: 181738

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 52.508 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

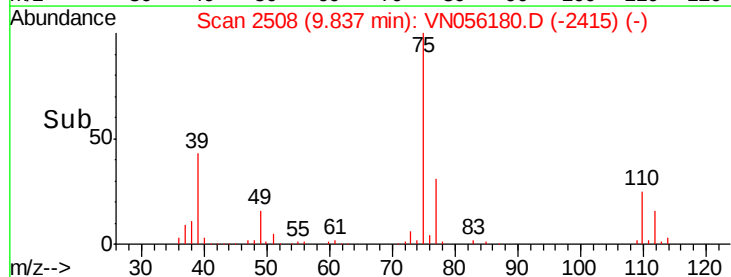
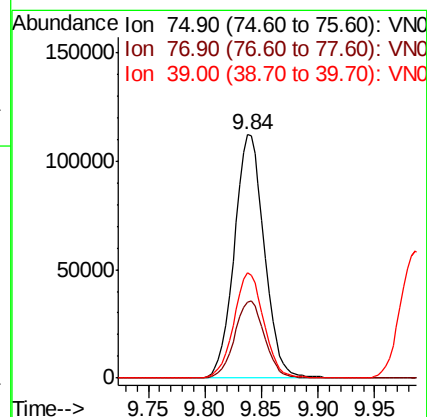
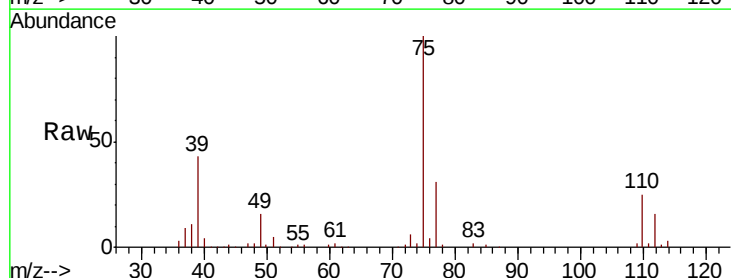
Tgt Ion: 75 Resp: 207090

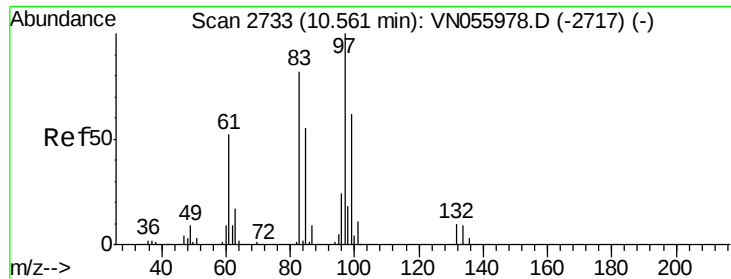
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 43.2 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 55.055 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 146673

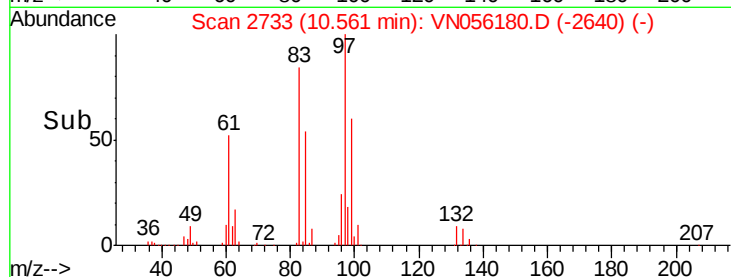
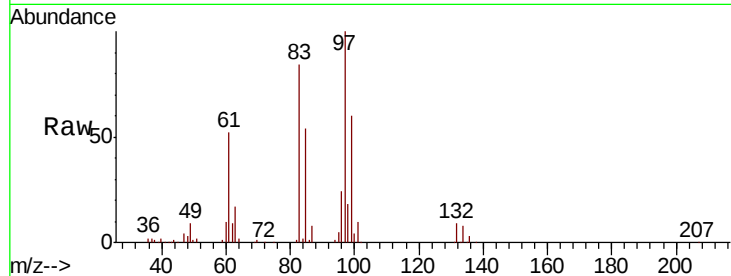
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.0	100.6
85	53.8	44.0	66.0
99	59.6	50.6	75.8

97 100

83 84.0 67.0 100.6

85 53.8 44.0 66.0

99 59.6 50.6 75.8

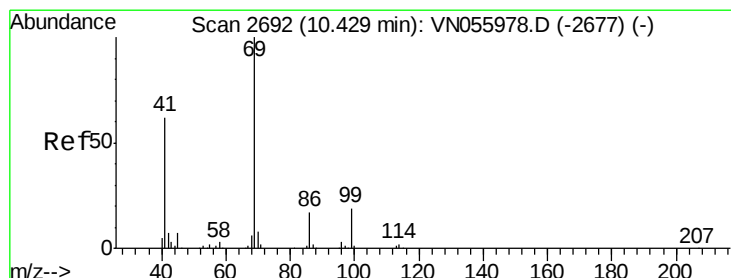
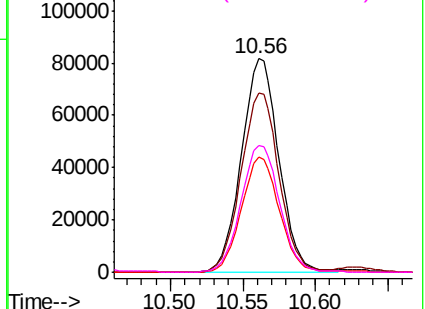


Abundance Ion 96.90 (96.60 to 97.60): VNO

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: 55.643 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

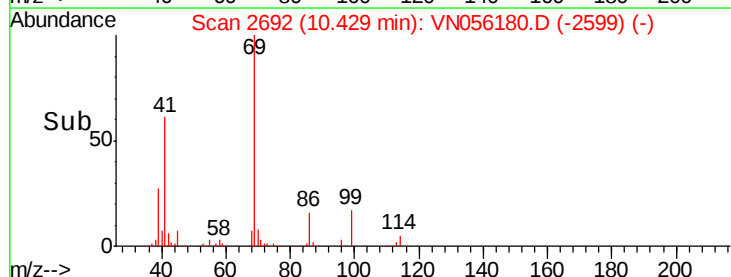
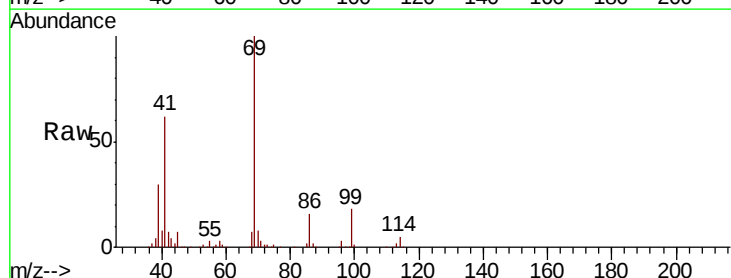
Tgt Ion: 69 Resp: 216264

Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.7	74.5
39	30.2	24.7	37.1

69 100

41 61.5 49.7 74.5

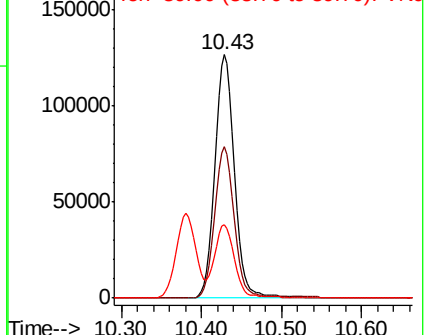
39 30.2 24.7 37.1

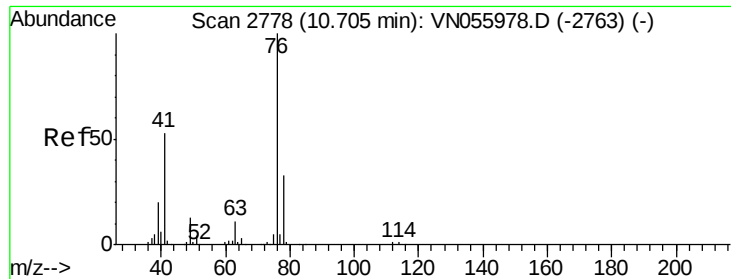


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

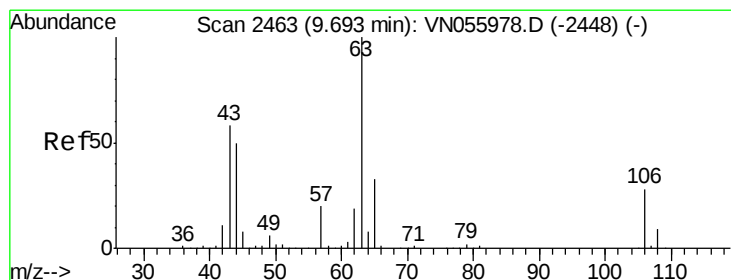
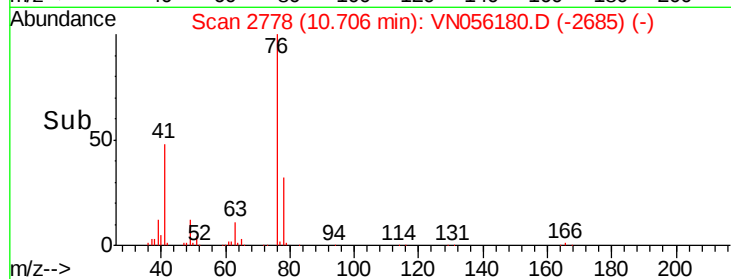
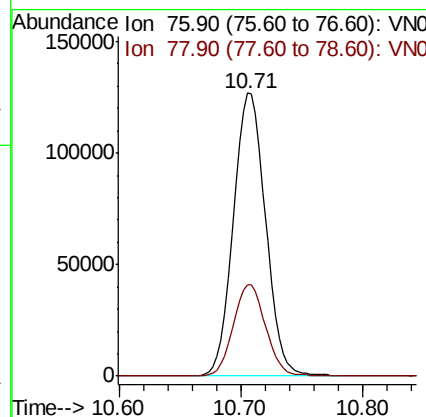
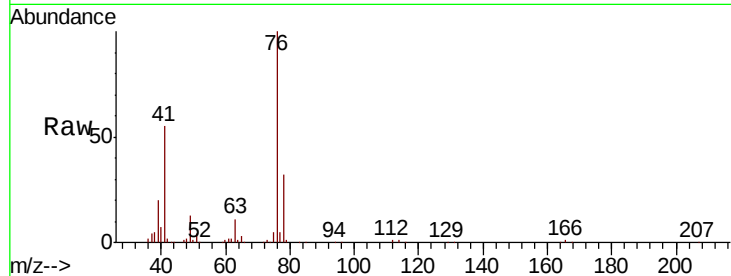




#57
 1,3-Dichloropropane
 Concen: 53.990 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

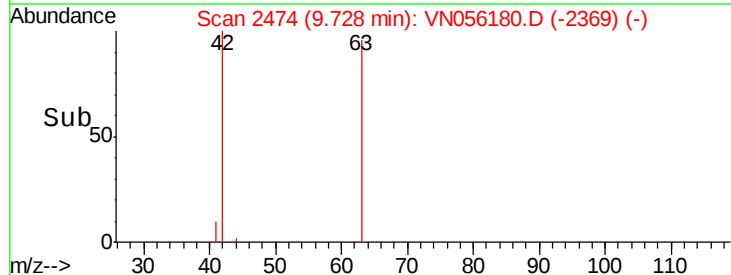
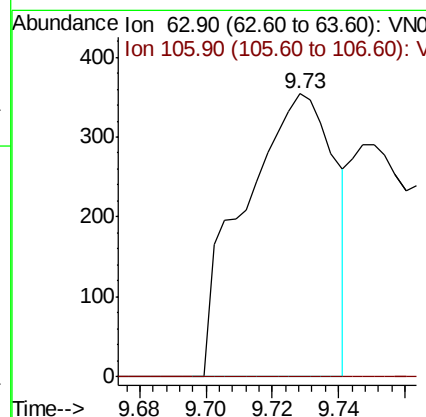
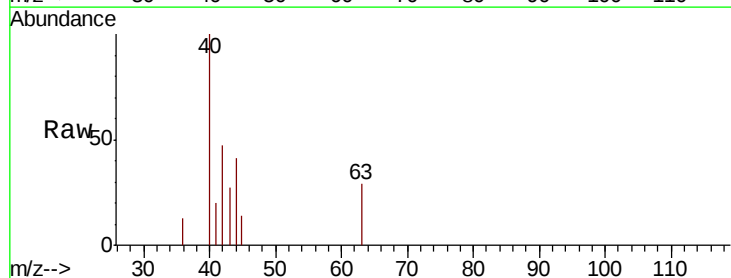
Instrument :
 MSVOA_N
 ClientSampleId :

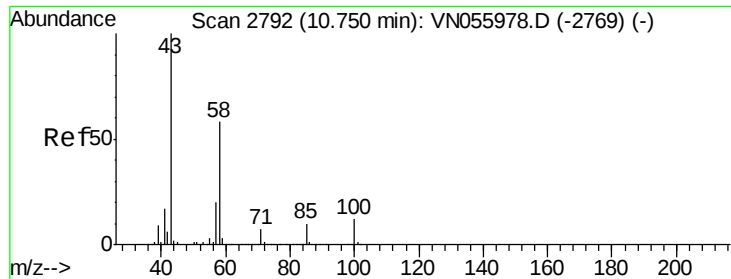
Tot Ion: 76 Resp: 233824
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.285 ug/l
 RT: 9.73 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion: 63 Resp: 673
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

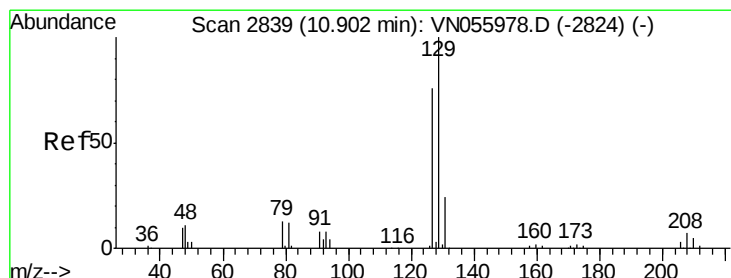
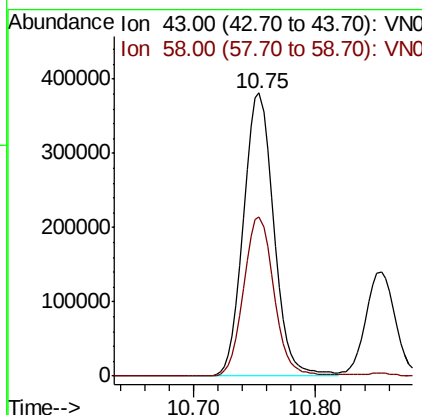
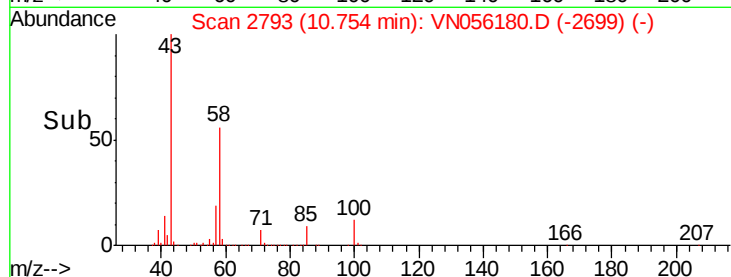
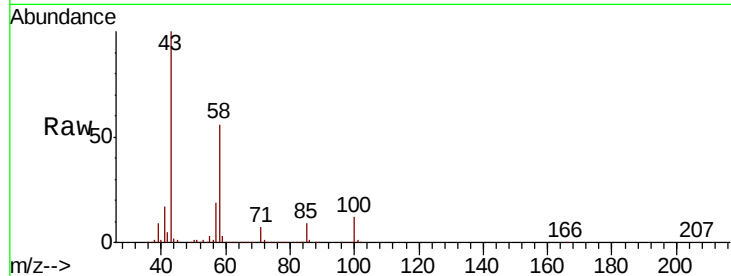




#59
2-Hexanone
Concen: 280.439 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

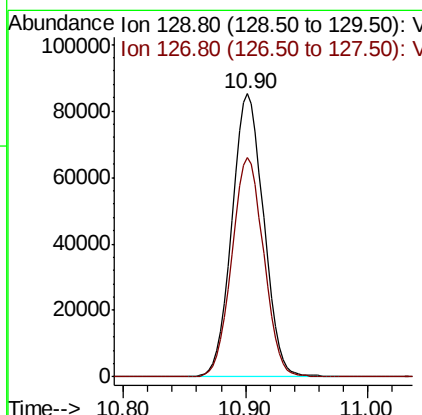
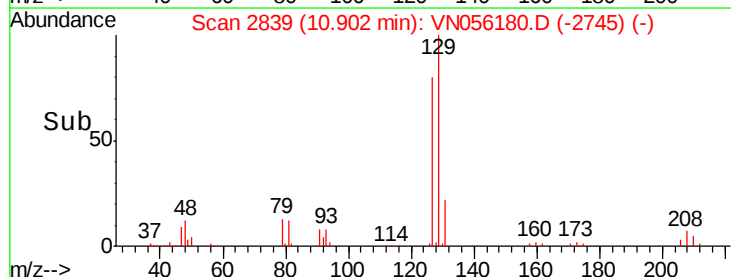
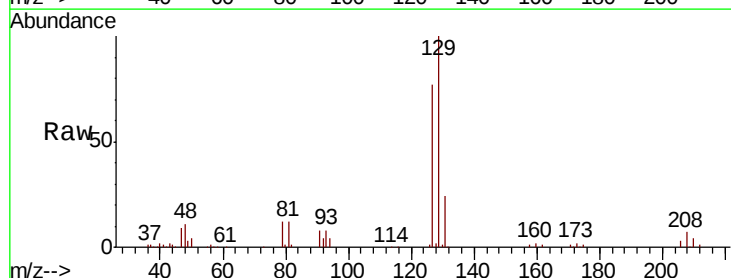
Instrument :
MSVOA_N
ClientSampled :

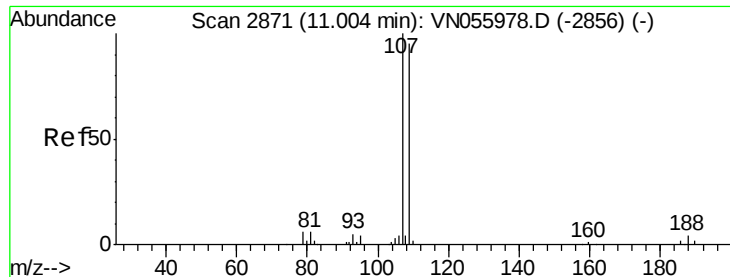
Tot Ion: 43 Resp: 652169
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.7



#60
Dibromochloromethane
Concen: 52.295 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 129 Resp: 154004
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.596 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

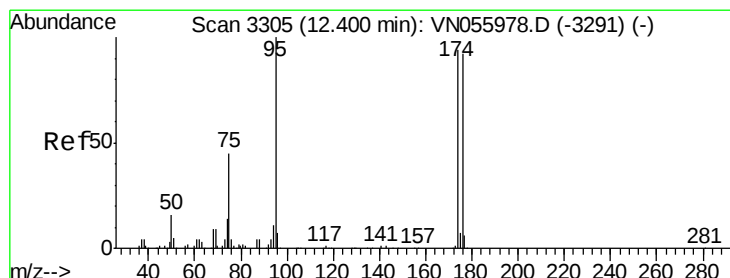
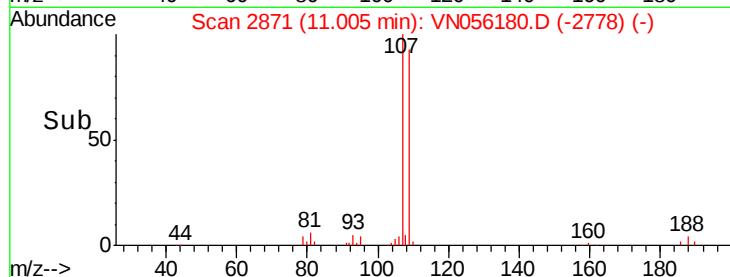
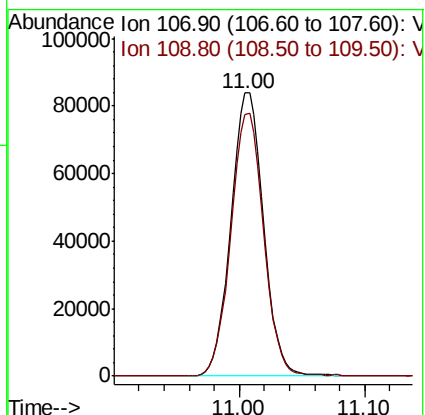
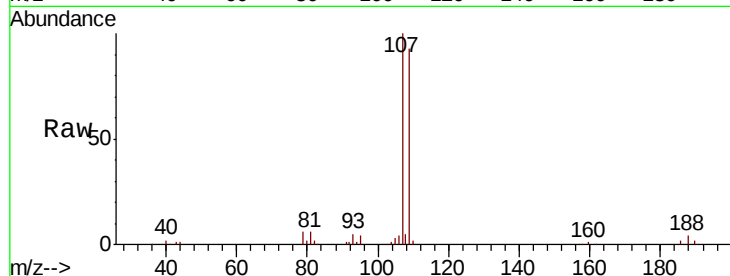
ClientSampleId :

Tot Ion: 107 Resp: 151419

Ion Ratio Lower Upper

107 100

109 93.6 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 51.407 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

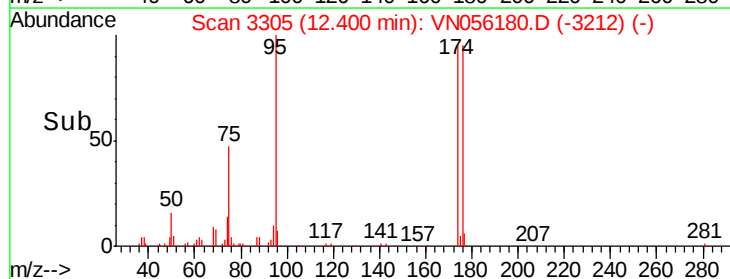
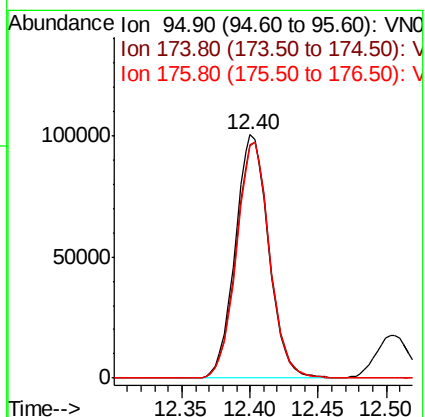
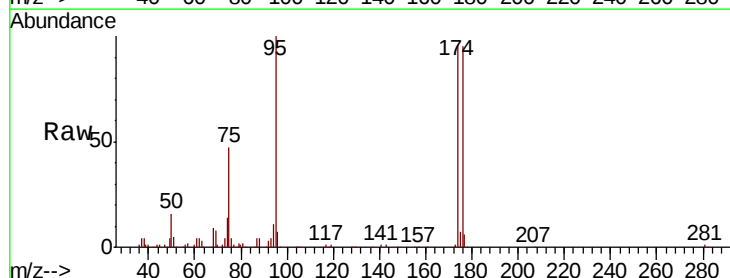
Tgt Ion: 95 Resp: 170816

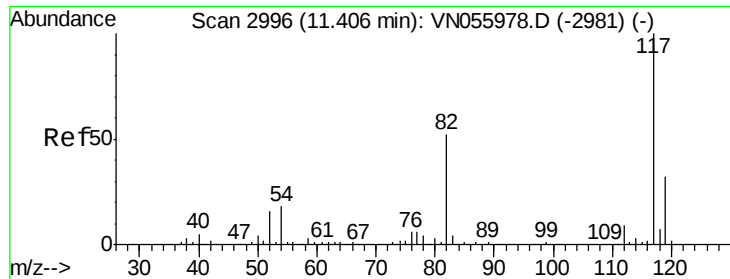
Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

176 95.0 0.0 185.2

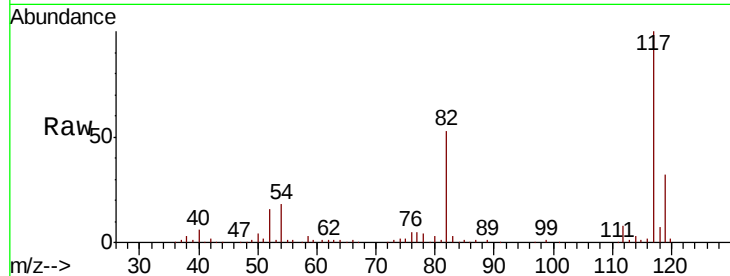




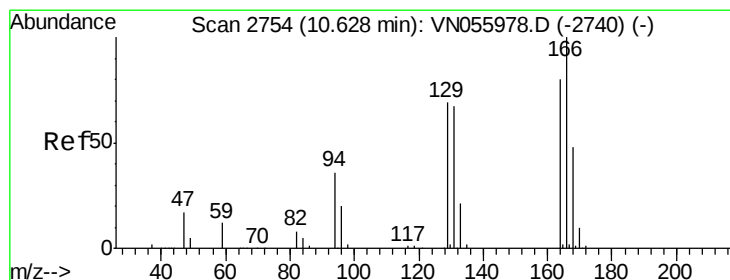
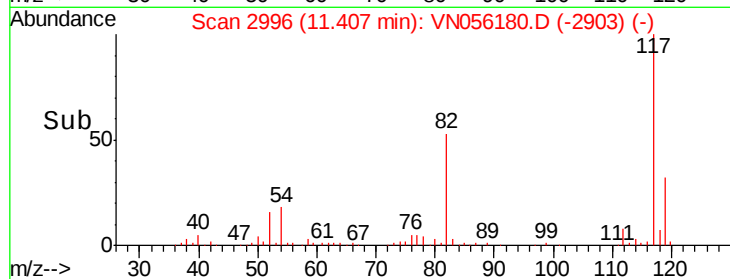
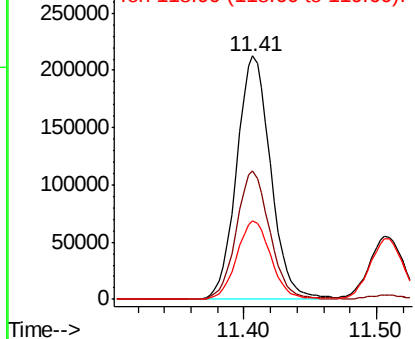
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 379827
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.1 25.4 38.0

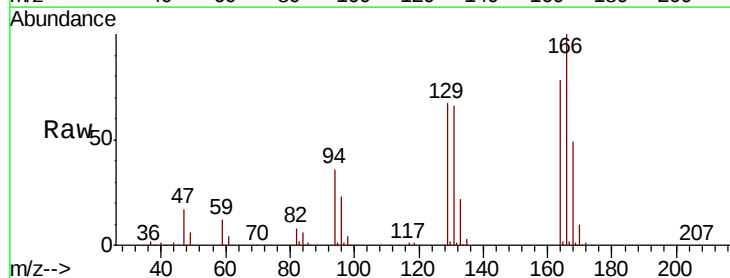


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

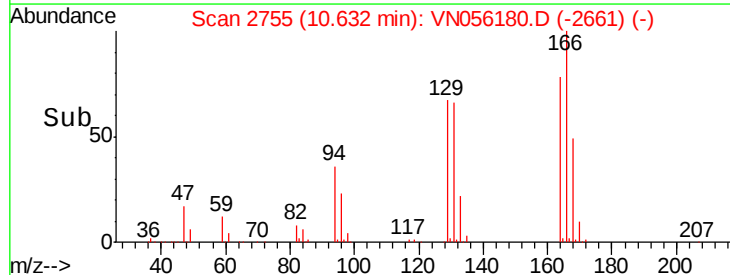
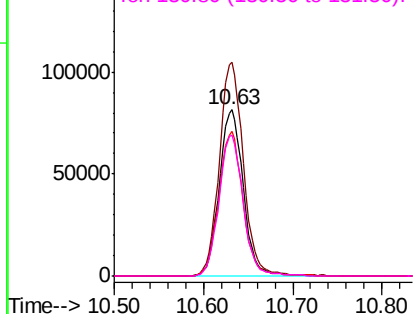


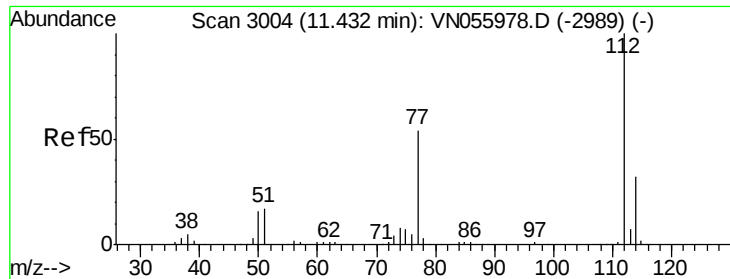
#64
Tetrachloroethene
Concen: 46.320 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion:164 Resp: 152293
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 86.9 70.6 105.8
131 84.7 68.6 102.8



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

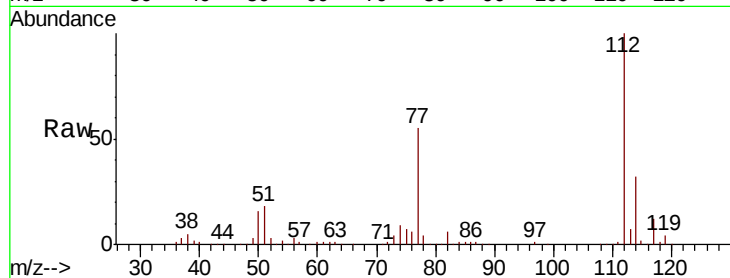




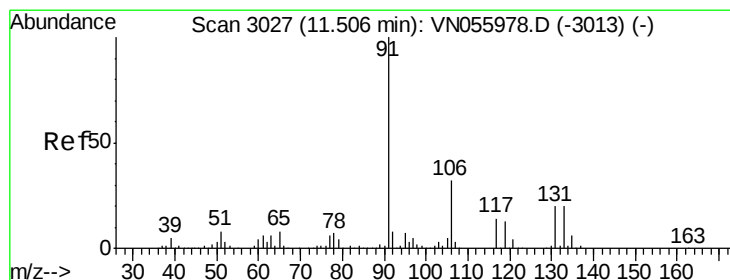
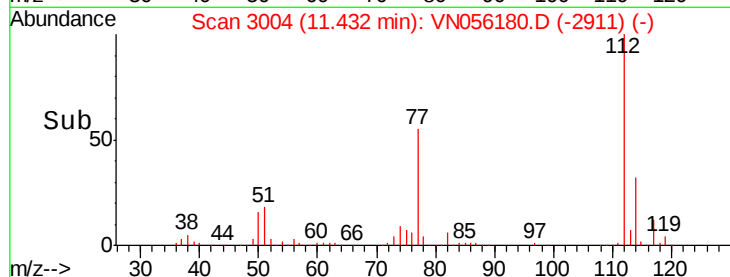
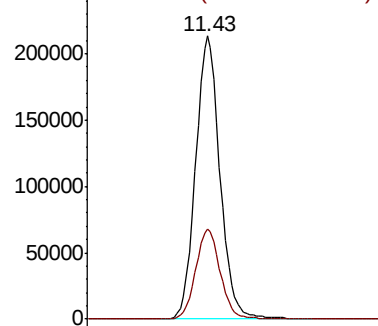
#65
Chlorobenzene
Concen: 50.331 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 380466
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4

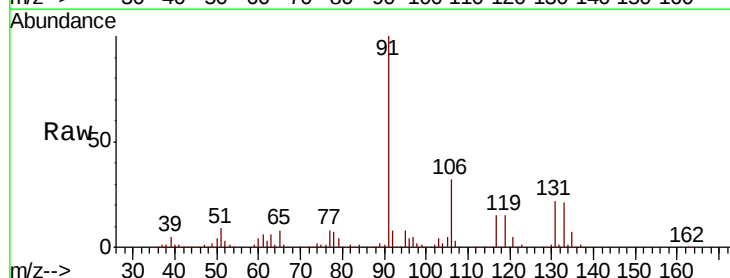


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

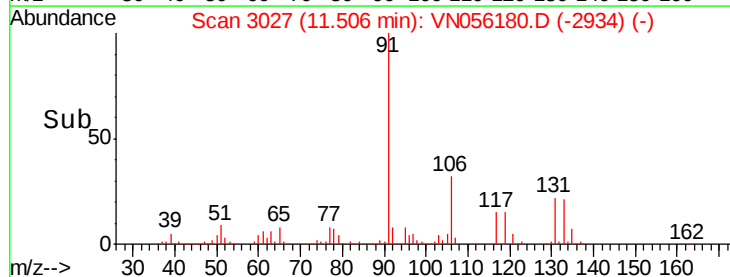
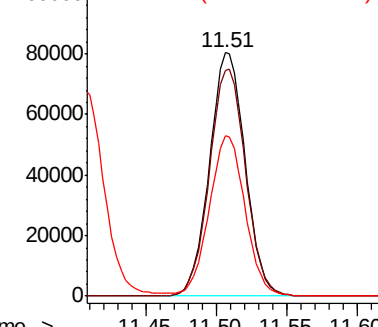


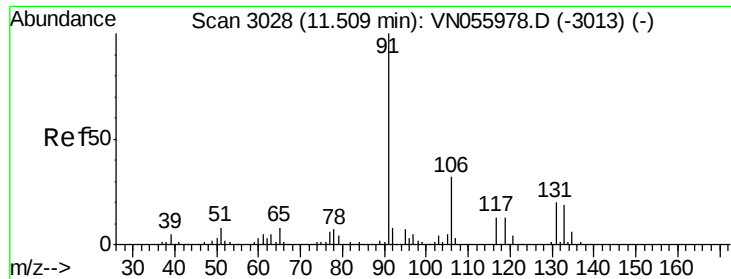
#66
1,1,1,2-Tetrachloroethane
Concen: 54.700 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion:131 Resp: 142775
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 66.2 33.1 99.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

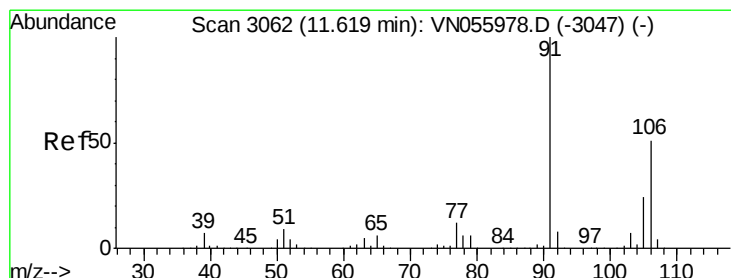
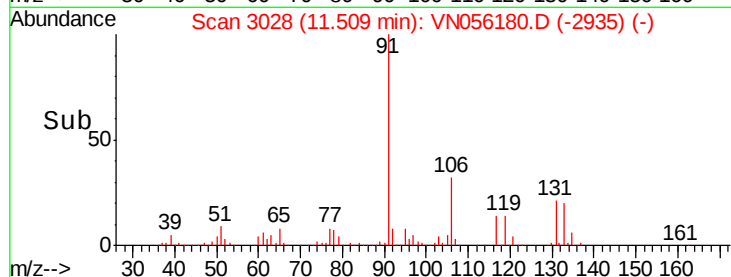
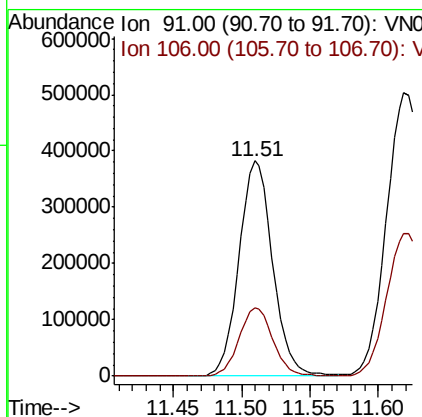
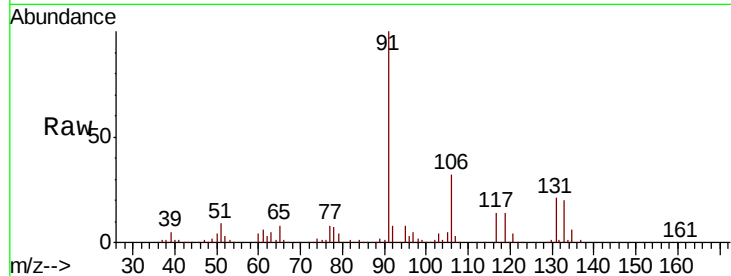




#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

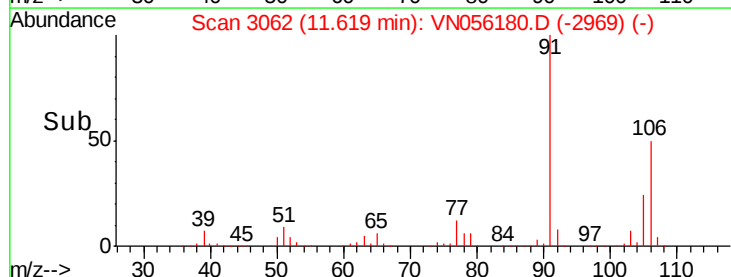
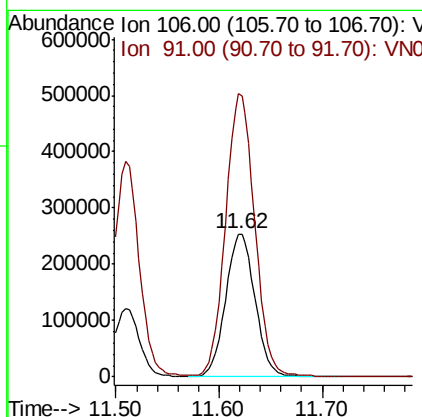
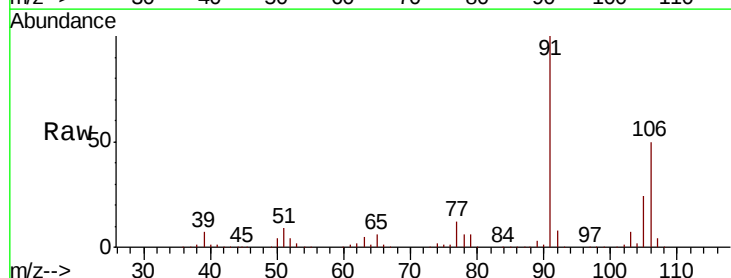
Instrument :
MSVOA_N
ClientSampled :

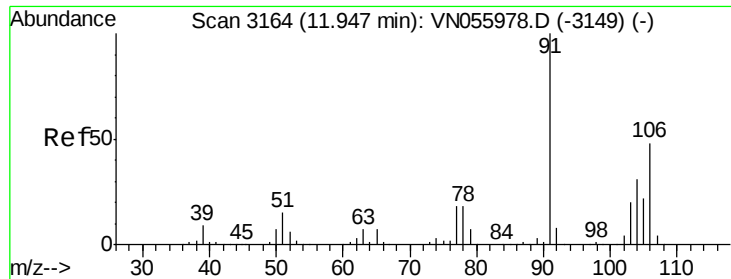
Tot Ion: 91 Resp: 656530
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 100.448 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 106 Resp: 504381
Ion Ratio Lower Upper
106 100
91 196.8 159.3 238.9

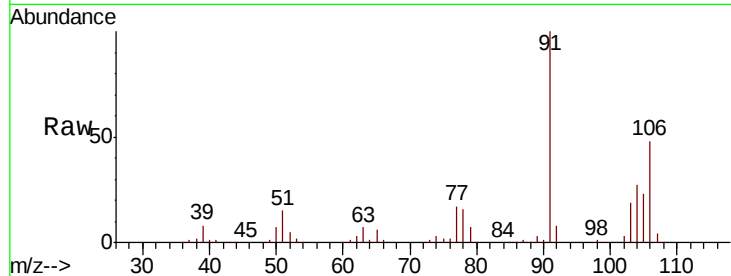




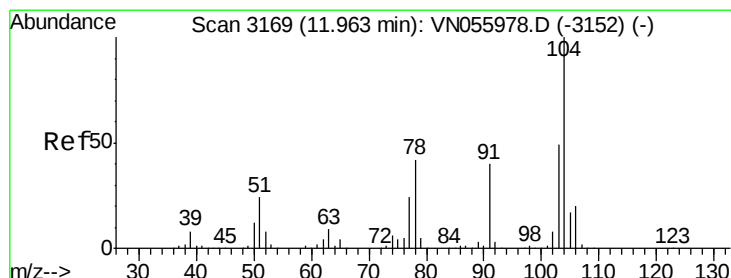
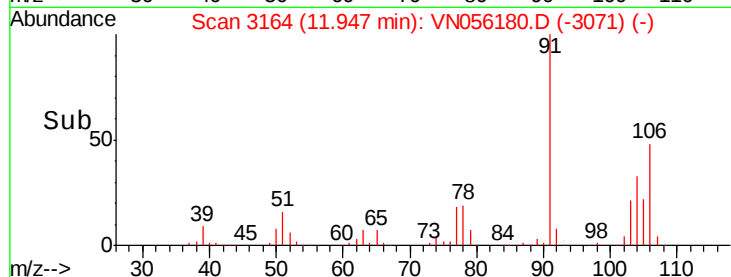
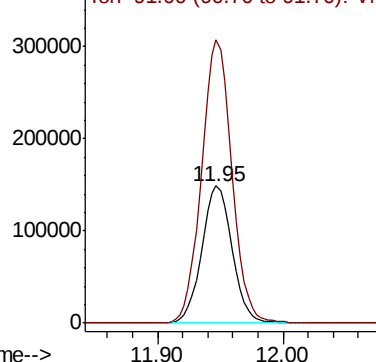
#69
o-Xylene
Concen: 50.504 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 249453
Ion Ratio Lower Upper
106 100
91 206.4 104.7 314.1

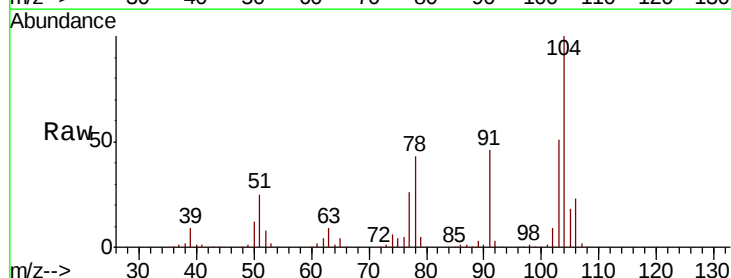


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

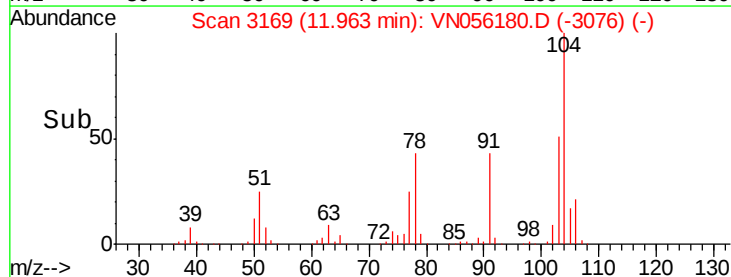
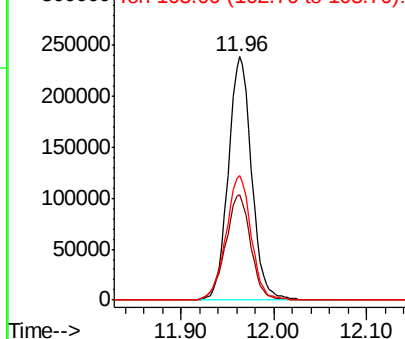


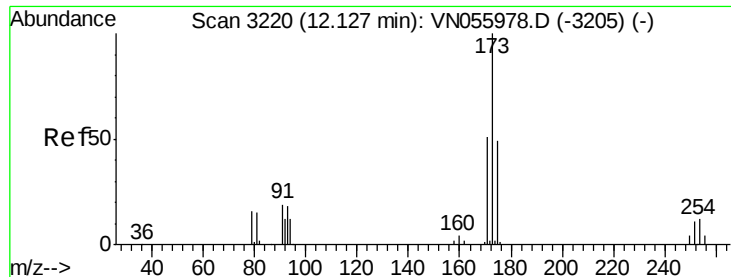
#70
Styrene
Concen: 53.116 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion:104 Resp: 416845
Ion Ratio Lower Upper
104 100
78 46.7 37.8 56.6
103 55.0 44.2 66.2



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

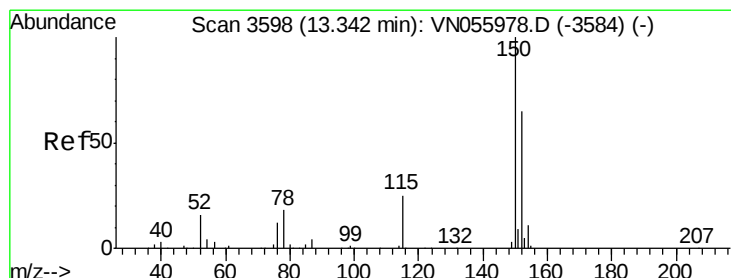
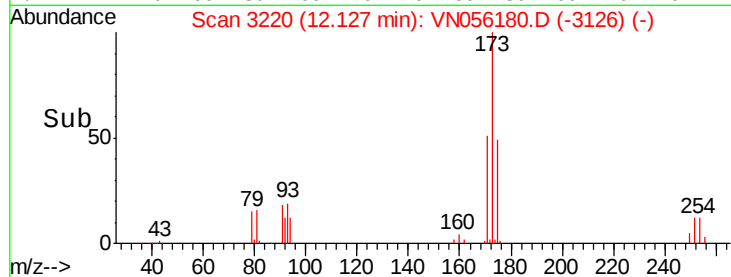
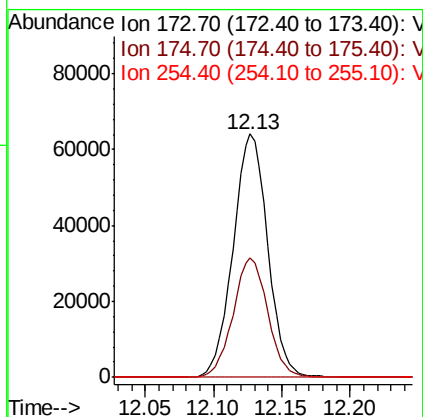
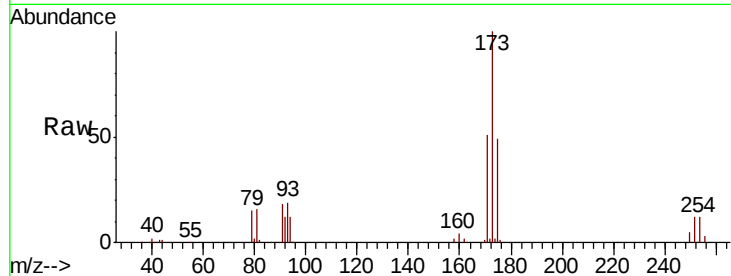




#71
Bromoform
Concen: 51.295 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

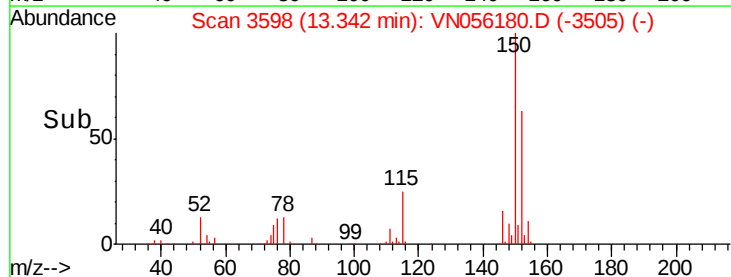
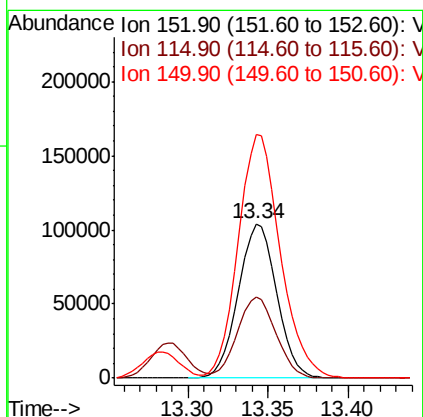
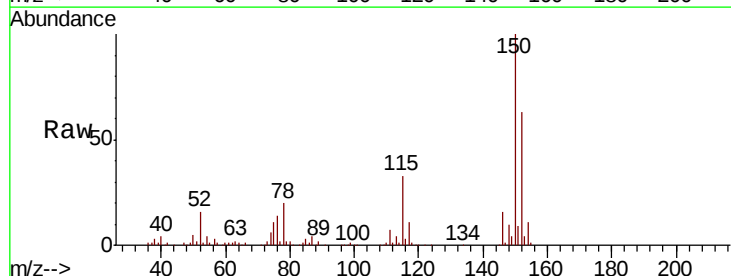
Instrument :
MSVOA_N
ClientSampleId :

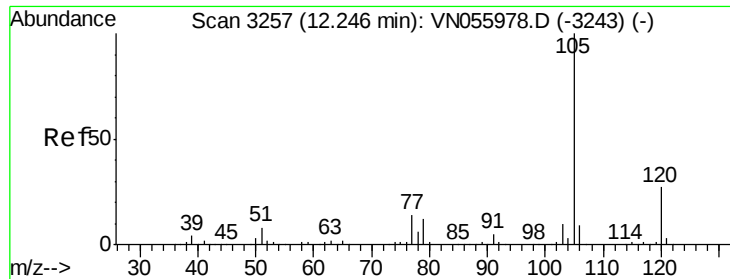
Tot Ion:173 Resp: 112570
Ion Ratio Lower Upper
173 100
175 49.1 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion:152 Resp: 170264
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 173.4 0.0 343.2





#73

Isopropylbenzene

Concen: 53.565 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

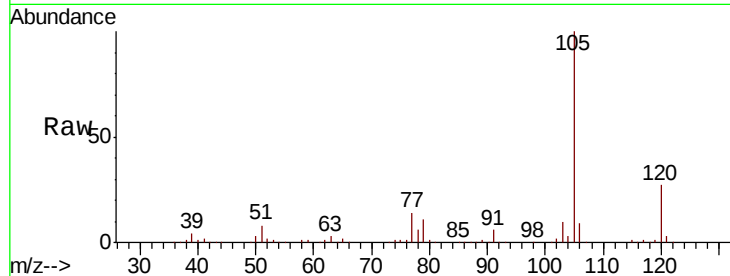
ClientSampleId :

Tot Ion:105 Resp: 647992

Ion Ratio Lower Upper

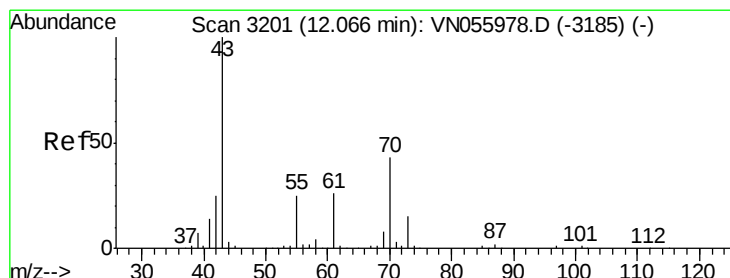
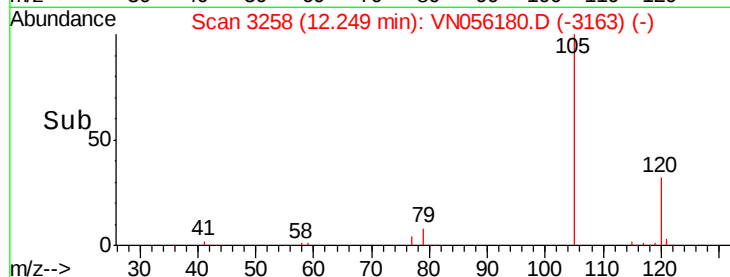
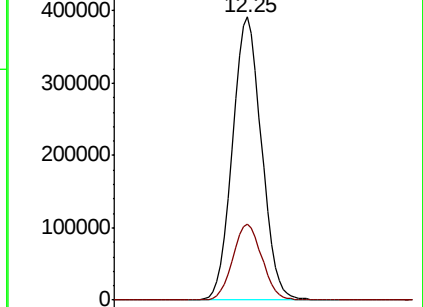
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.509 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Tgt Ion: 43 Resp: 220164

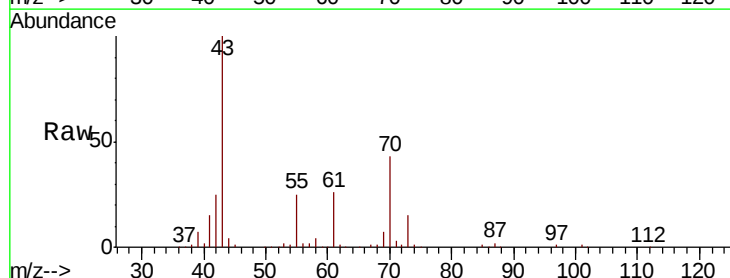
Ion Ratio Lower Upper

43 100

70 43.8 34.0 51.0

55 25.4 18.6 28.0

61 25.4 20.0 30.0

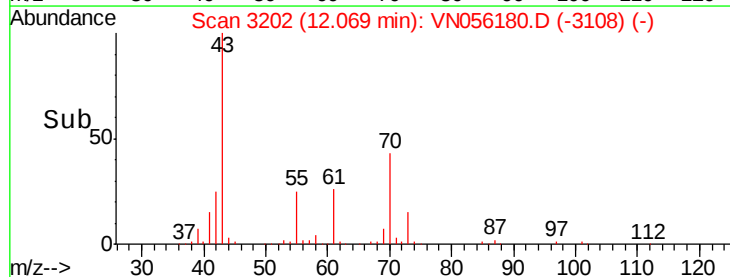
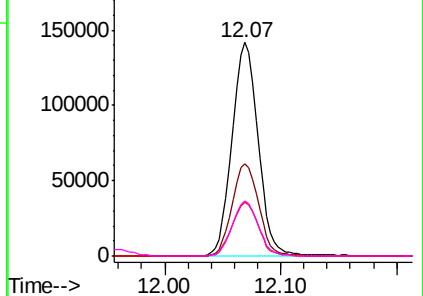


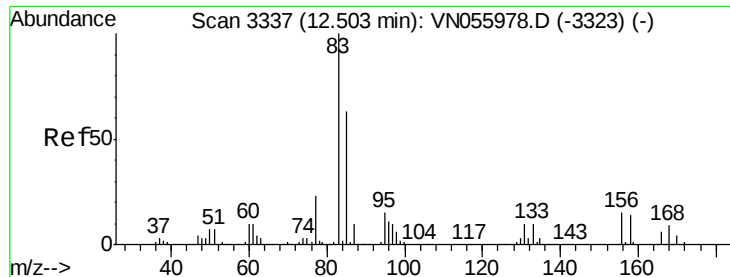
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.168 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

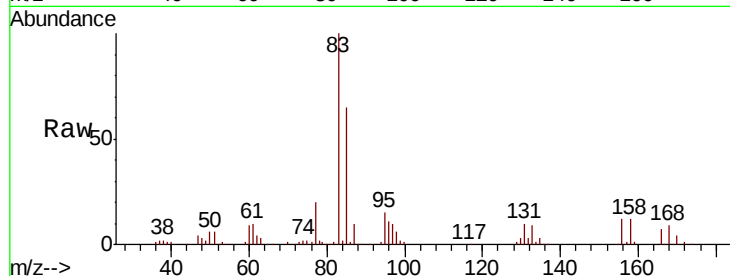
Tot Ion: 83 Resp: 202244

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

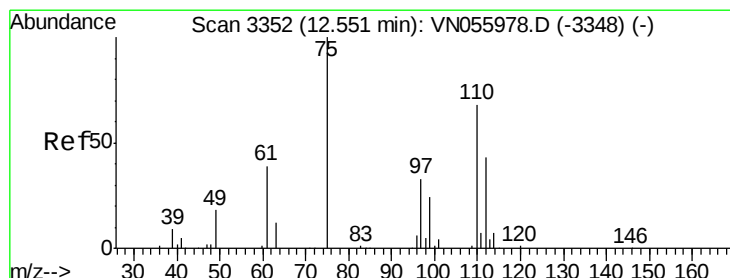
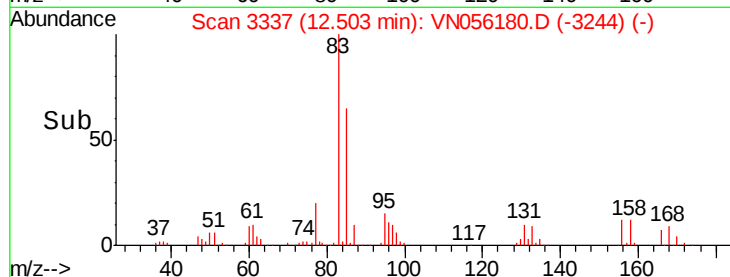
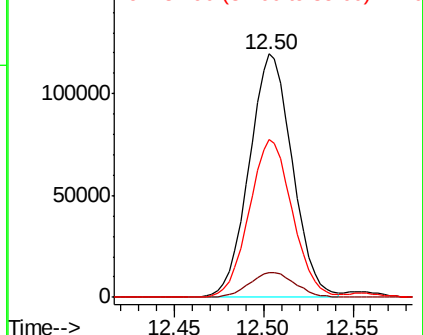
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.471 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056180.D

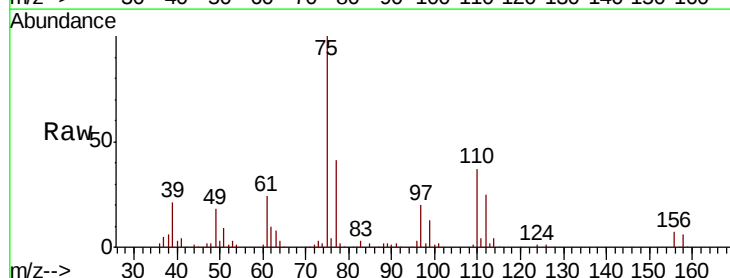
Acq: 10 Jun 2019 19:34

Tgt Ion: 75 Resp: 233313

Ion Ratio Lower Upper

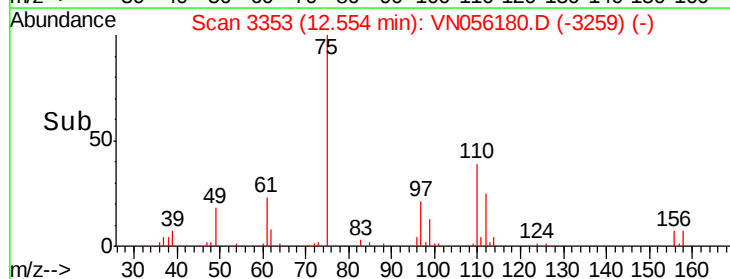
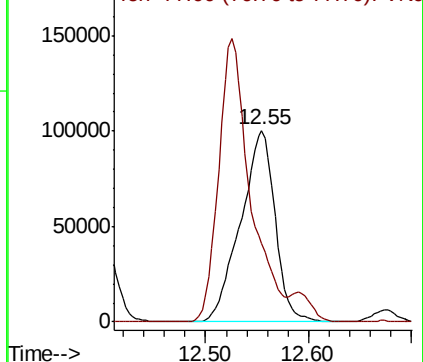
75 100

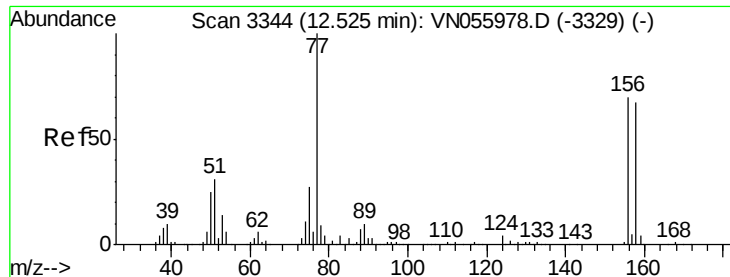
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.306 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

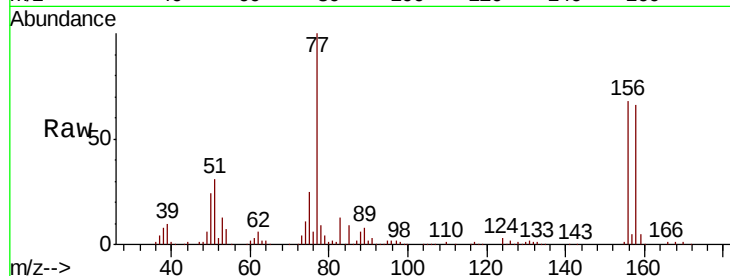
Tot Ion:156 Resp: 179735

Ion Ratio Lower Upper

156 100

77 175.7 90.8 272.5

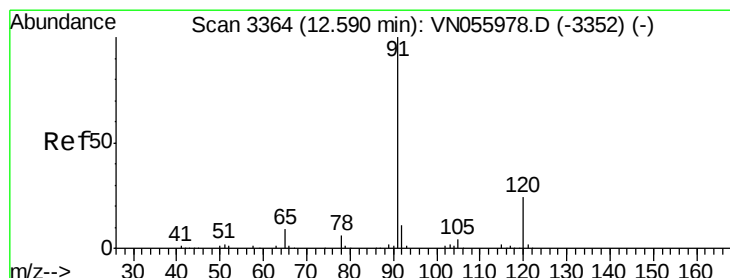
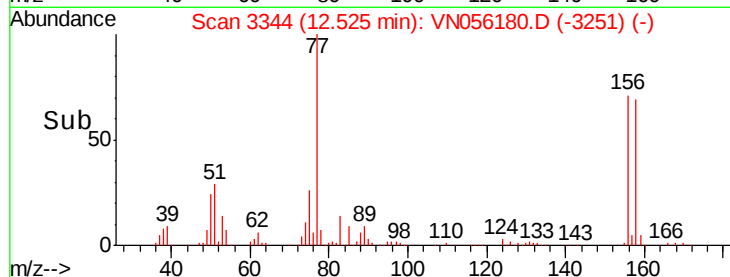
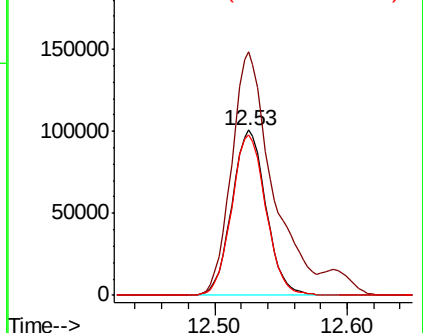
158 97.4 49.3 147.8



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: 47.730 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056180.D

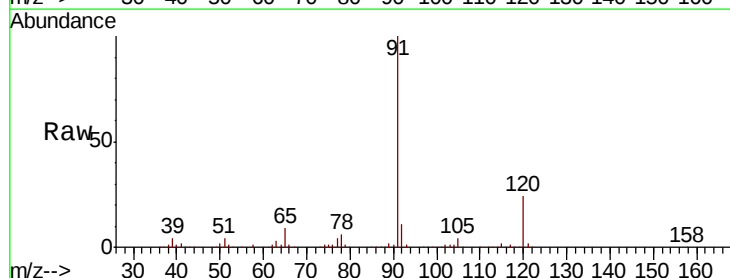
Acq: 10 Jun 2019 19:34

Tgt Ion: 91 Resp: 687516

Ion Ratio Lower Upper

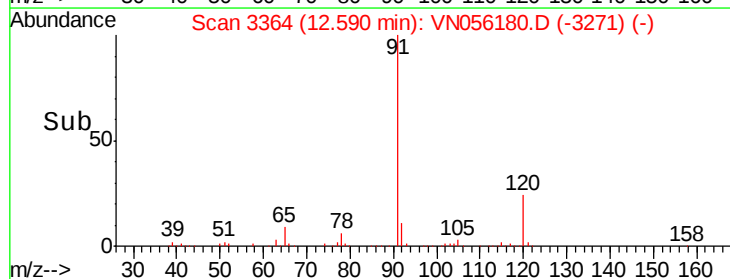
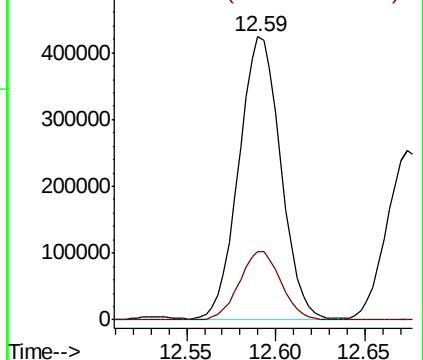
91 100

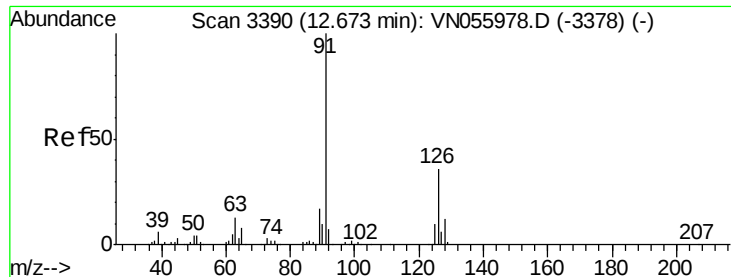
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.328 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

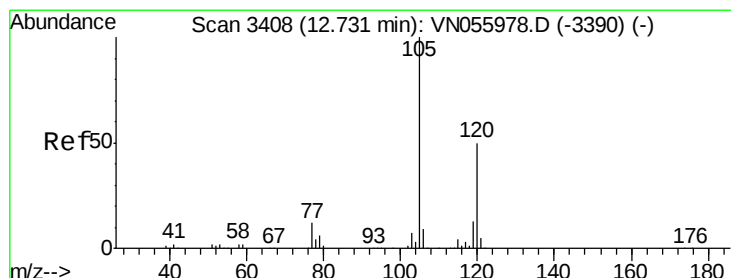
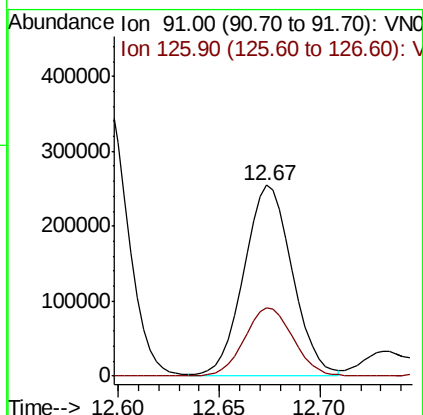
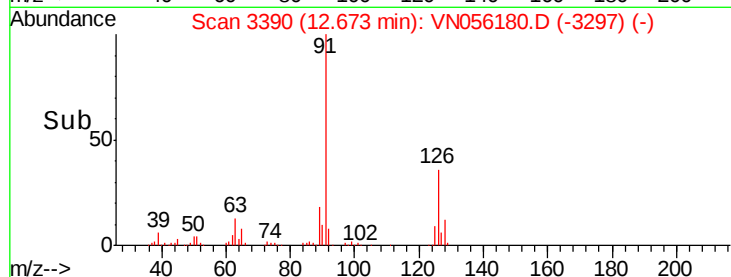
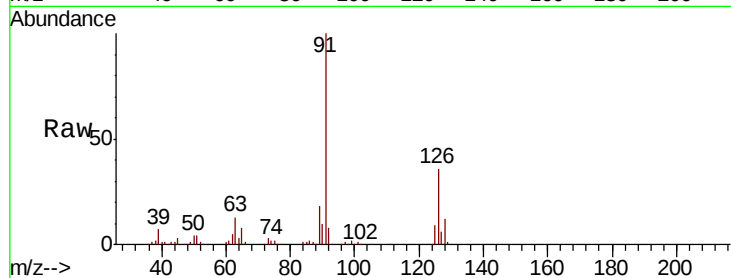
ClientSampled :

Tot Ion: 91 Resp: 424830

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.499 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056180.D

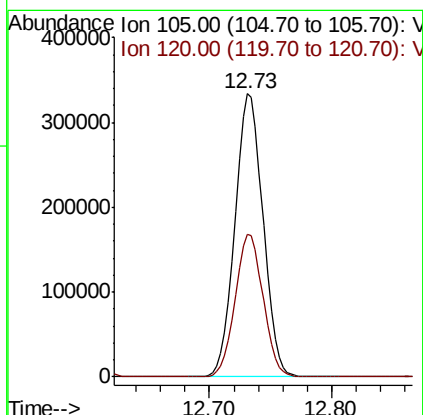
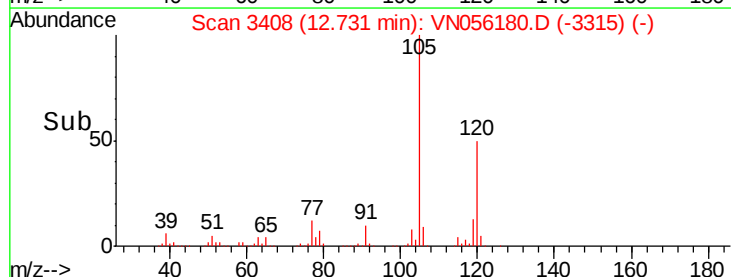
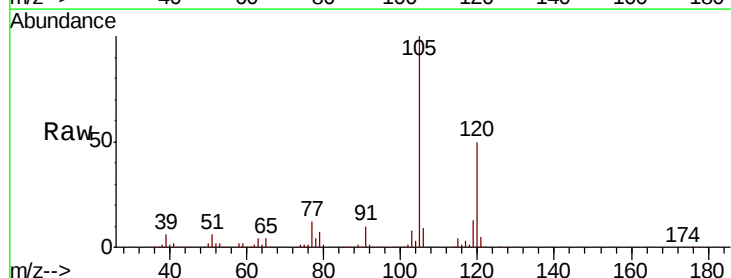
Acq: 10 Jun 2019 19:34

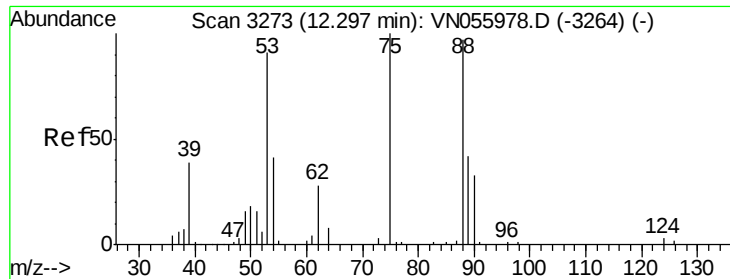
Tgt Ion: 105 Resp: 532310

Ion Ratio Lower Upper

105 100

120 50.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.025 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

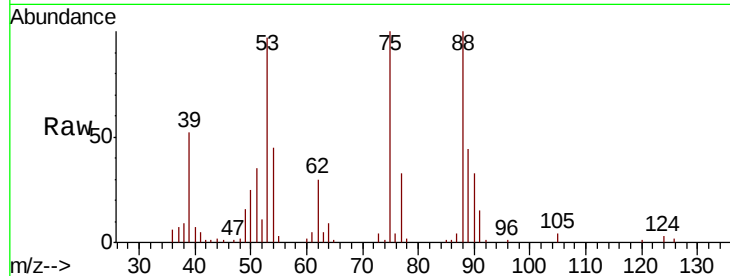
Tot Ion: 75 Resp: 48003

Ion Ratio Lower Upper

75 100

53 96.8 68.1 102.1

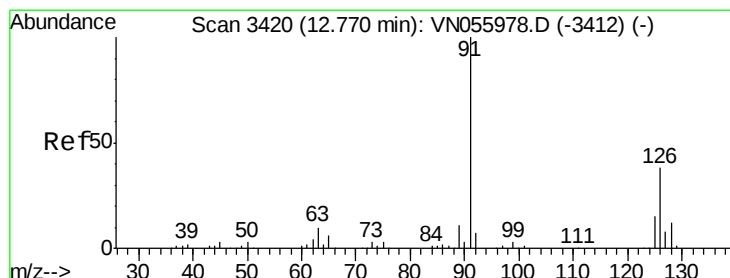
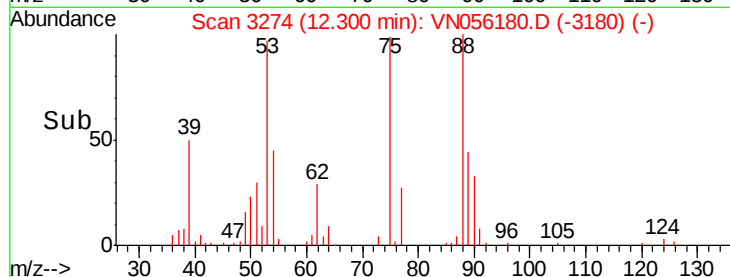
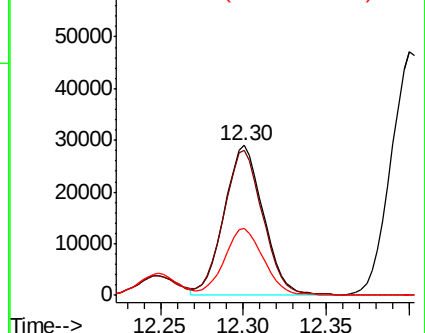
89 44.4 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 48.941 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056180.D

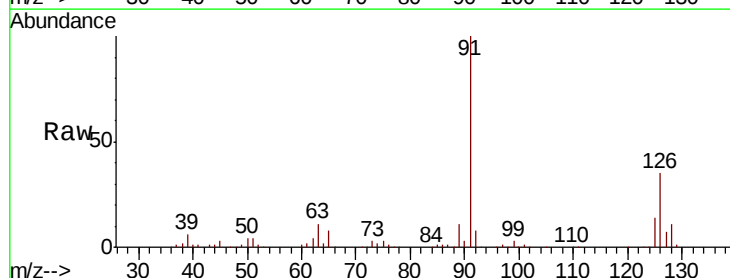
Acq: 10 Jun 2019 19:34

Tgt Ion: 91 Resp: 412430

Ion Ratio Lower Upper

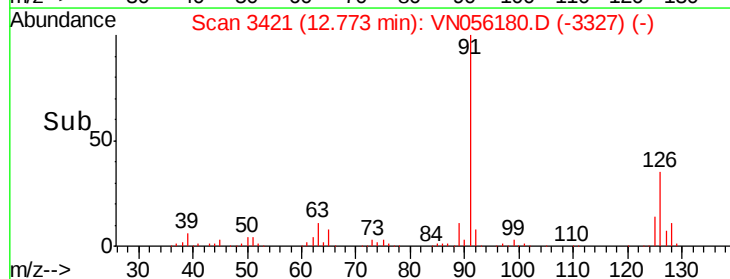
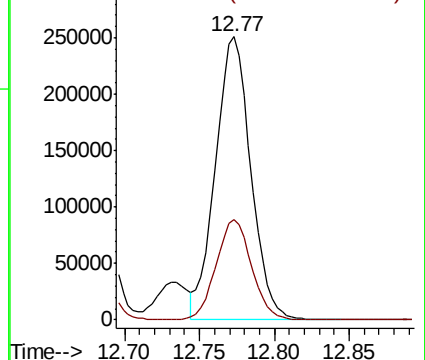
91 100

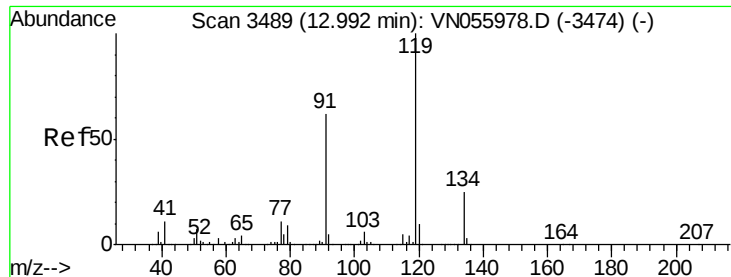
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)





#83

tert-Butylbenzene

Concen: 53.304 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampleId :

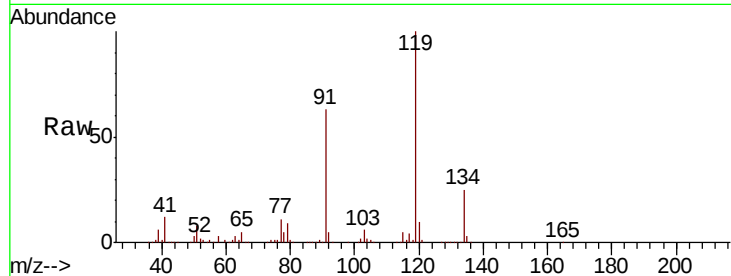
Tot Ion:119 Resp: 471863

Ion Ratio Lower Upper

119 100

91 61.4 30.9 92.8

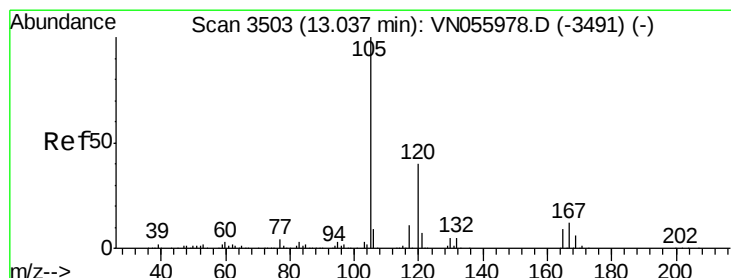
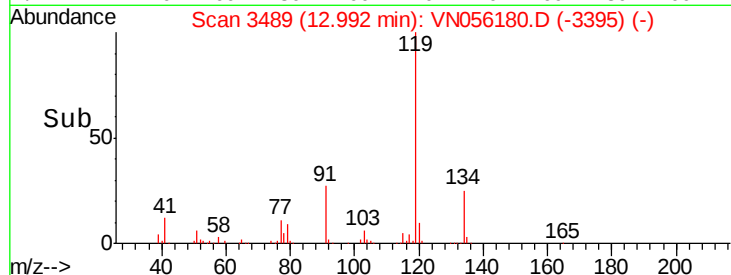
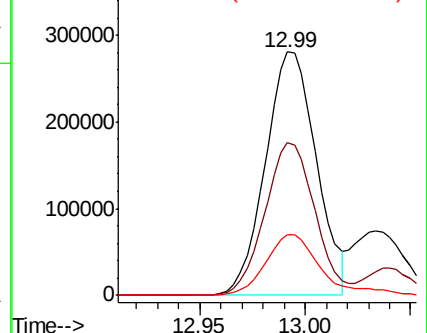
134 27.1 13.3 39.8



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: 48.395 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056180.D

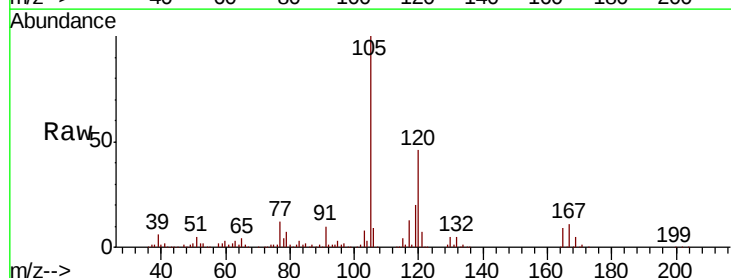
Acq: 10 Jun 2019 19:34

Tgt Ion:105 Resp: 525381

Ion Ratio Lower Upper

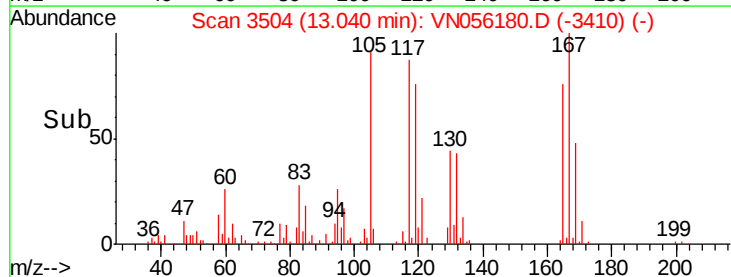
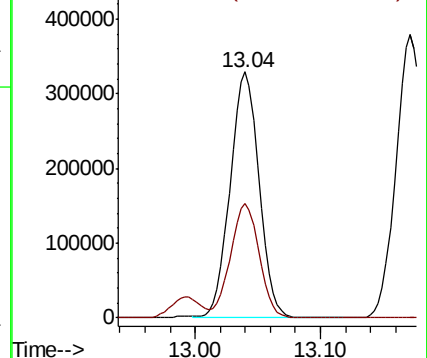
105 100

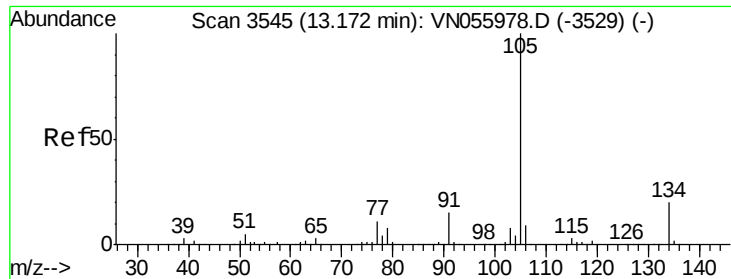
120 46.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.266 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

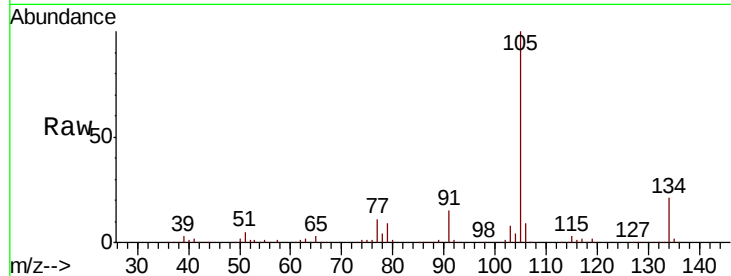
ClientSampled :

Tot Ion:105 Resp: 602932

Ion Ratio Lower Upper

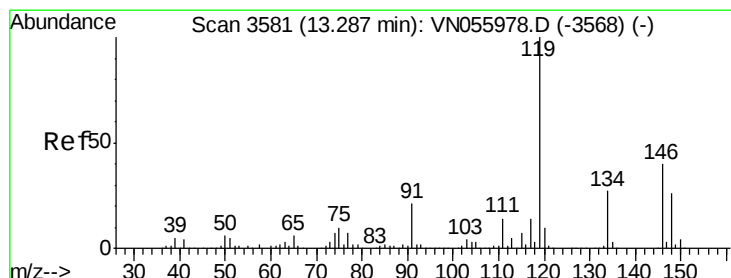
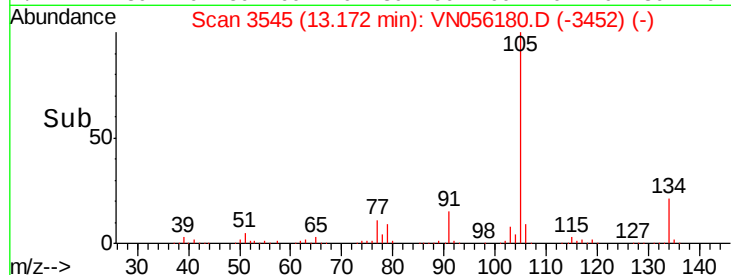
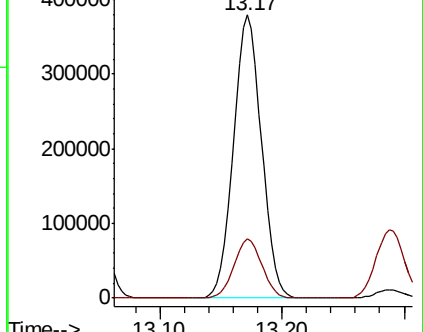
105 100

134 20.9 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: 47.516 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

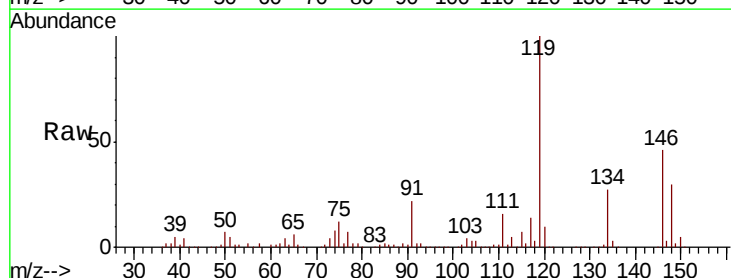
Tgt Ion:119 Resp: 542464

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

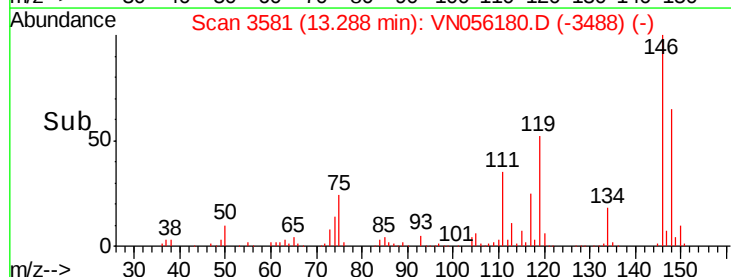
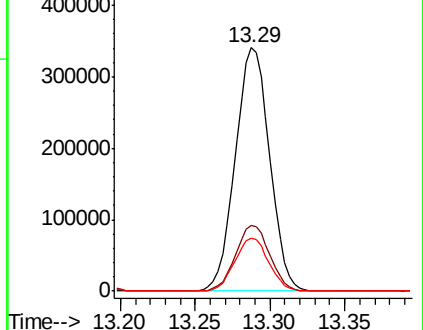
91 21.6 10.9 32.9

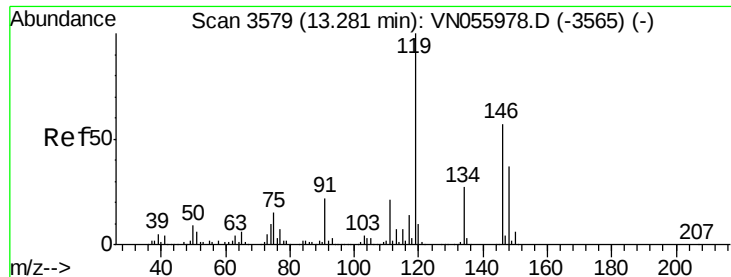


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

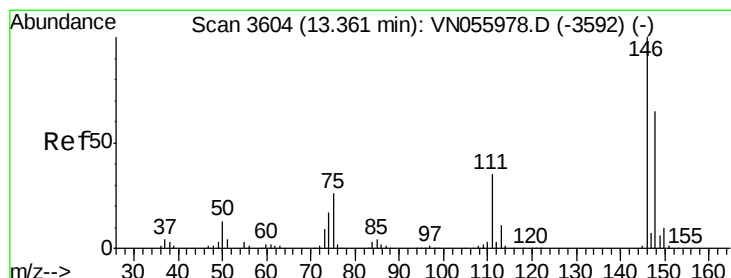
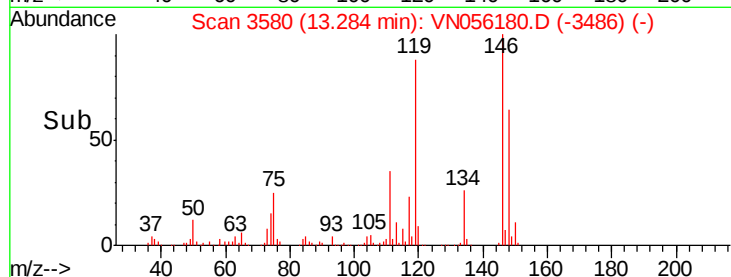
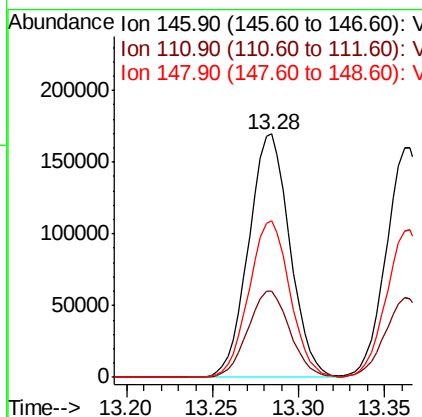
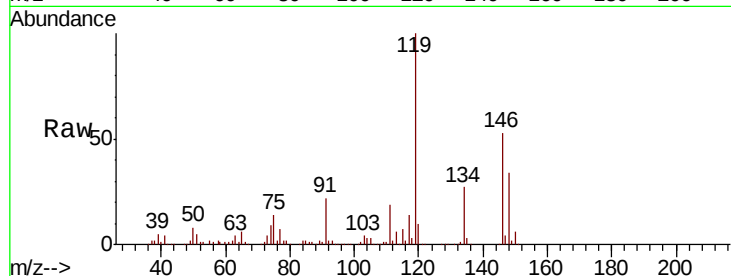




#87
 1,3-Dichlorobenzene
 Concen: 50.088 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

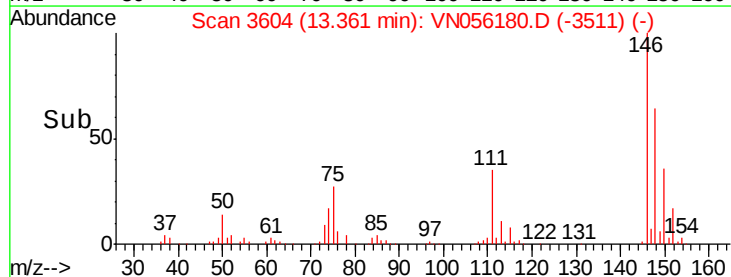
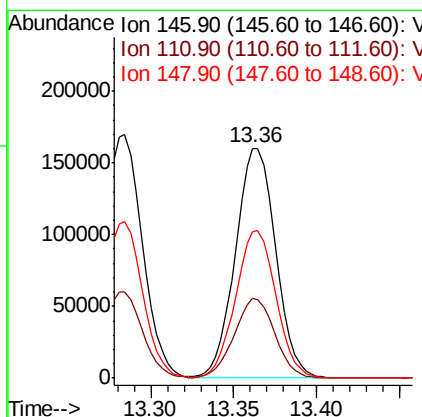
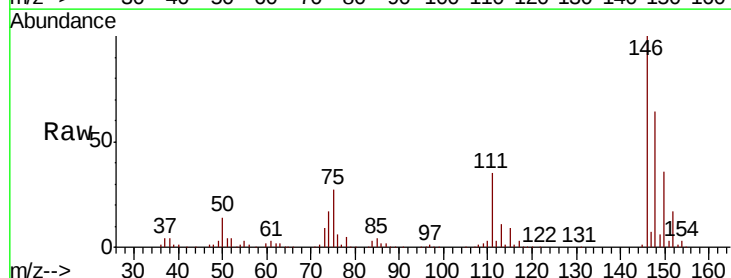
Instrument :
 MSVOA_N
 ClientSampled :

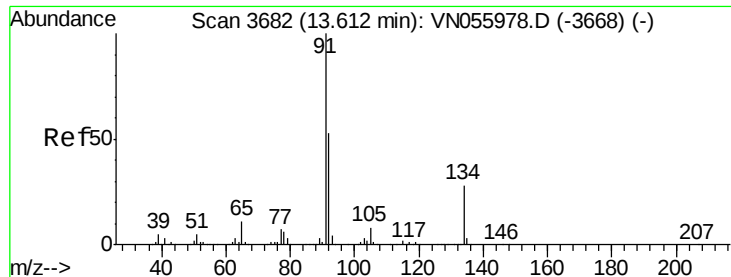
Tot Ion:146 Resp: 282590
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.5 55.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.947 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion:146 Resp: 271074
 Ion Ratio Lower Upper
 146 100
 111 34.8 18.1 54.4
 148 64.2 32.1 96.5

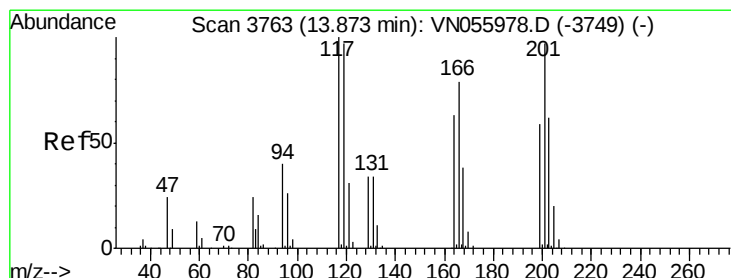
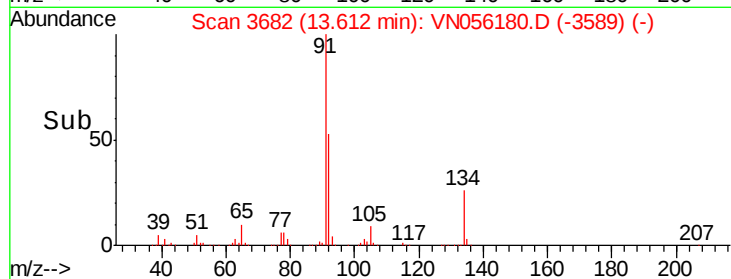
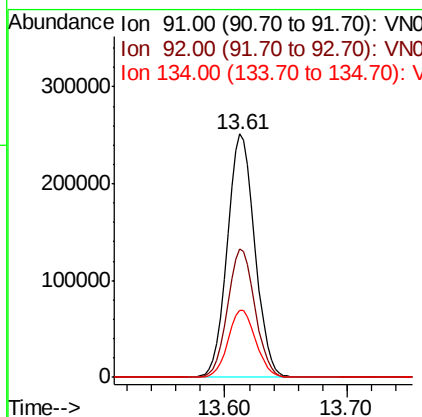
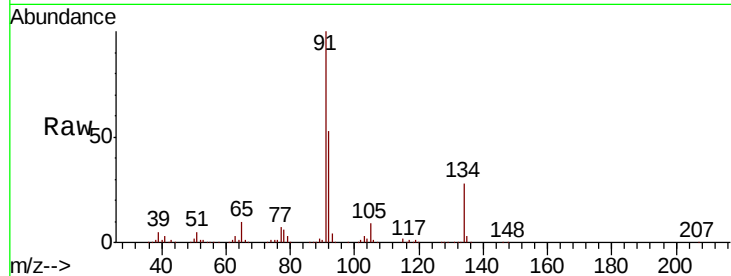




#89
n-Butylbenzene
Concen: 46.841 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

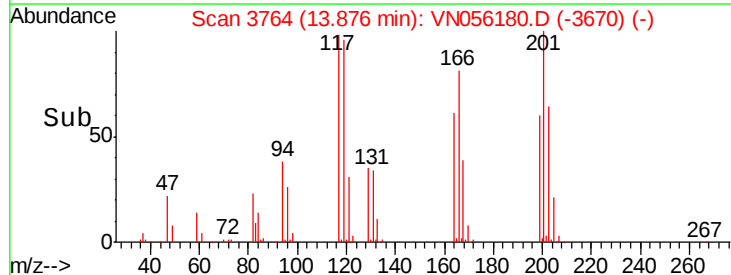
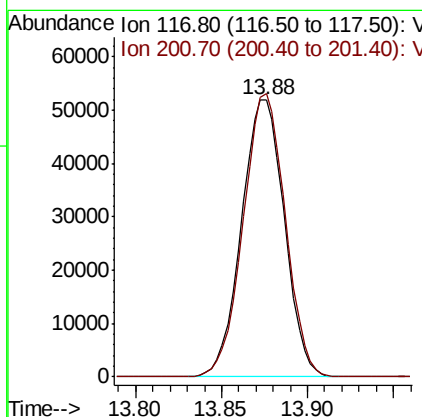
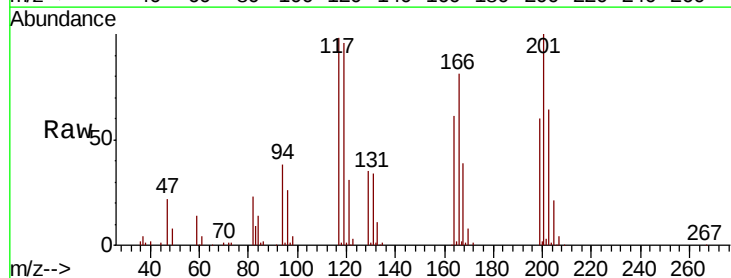
Instrument :
MSVOA_N
ClientSampleId :

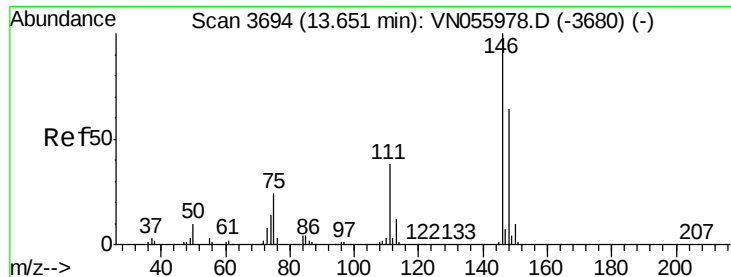
Tot Ion: 91 Resp: 396137
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 27.7 13.9 41.7



#90
Hexachloroethane
Concen: 52.192 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN056180.D
Acq: 10 Jun 2019 19:34

Tgt Ion: 117 Resp: 89859
Ion Ratio Lower Upper
117 100
201 100.3 50.0 150.0

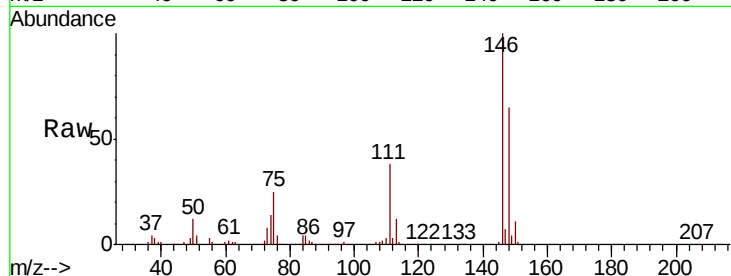




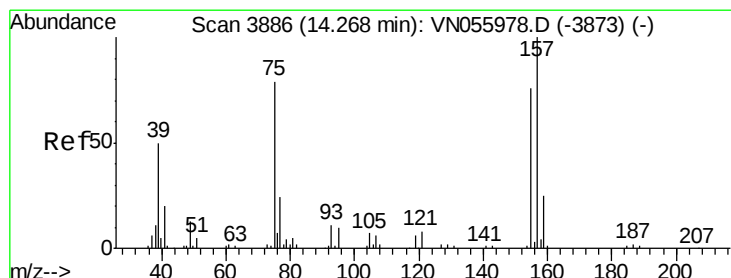
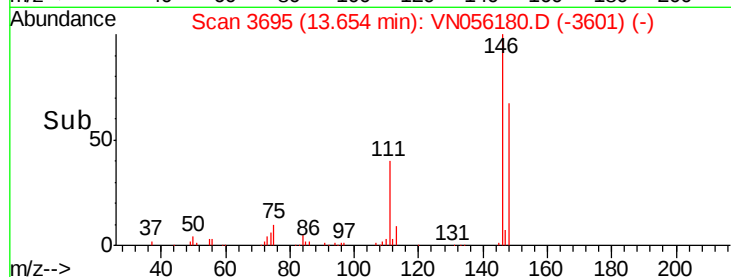
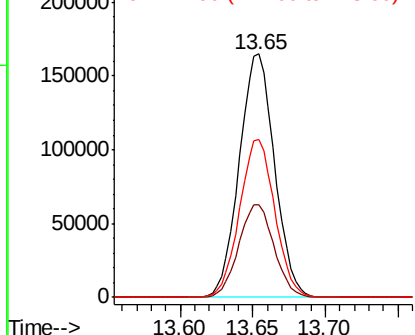
#91
 1,2-Dichlorobenzene
 Concen: 49.085 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.6	31.9	95.9

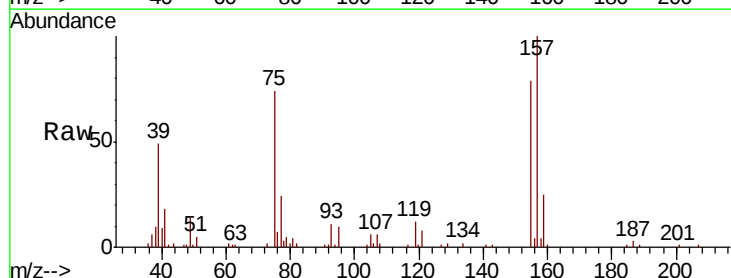


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

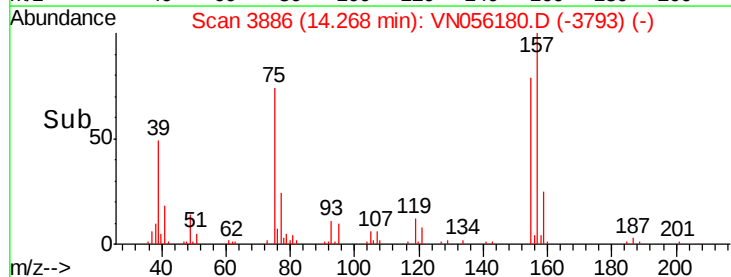
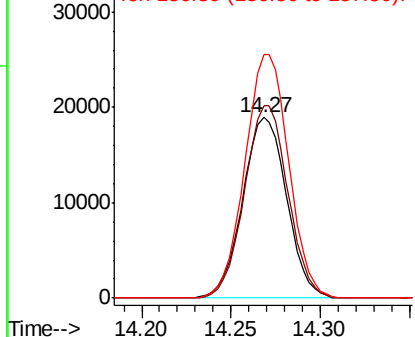


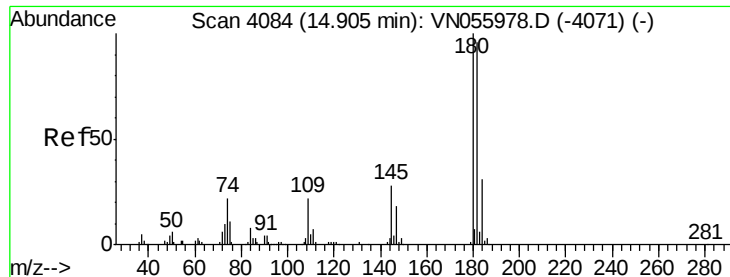
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.704 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.1	50.0	150.1
157	134.2	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

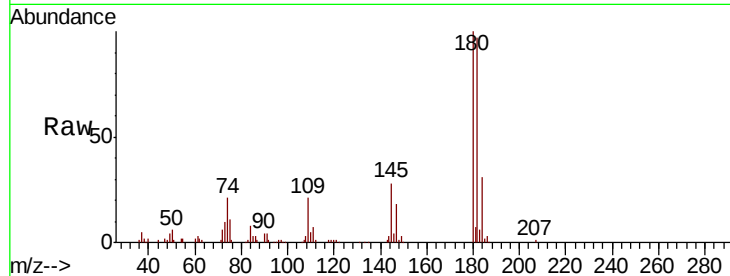




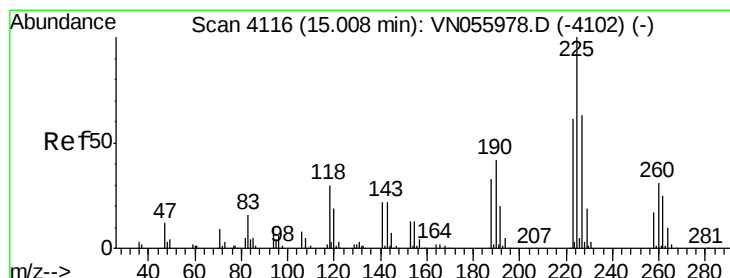
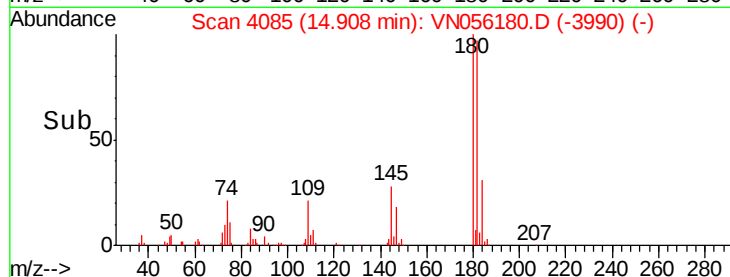
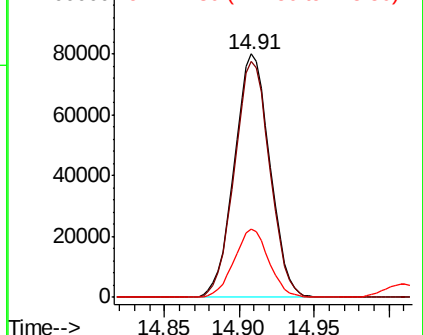
#93
 1,2,4-Trichlorobenzene
 Concen: 42.862 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 132448
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.3 144.9
 145 27.2 14.0 41.9

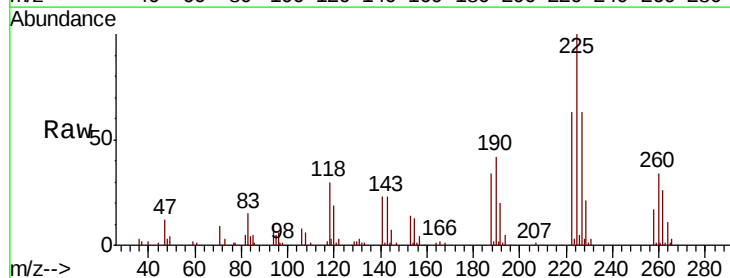


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

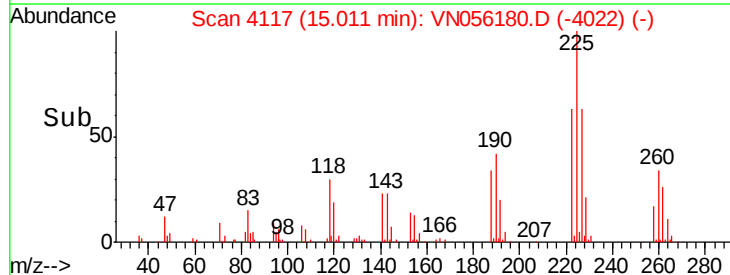
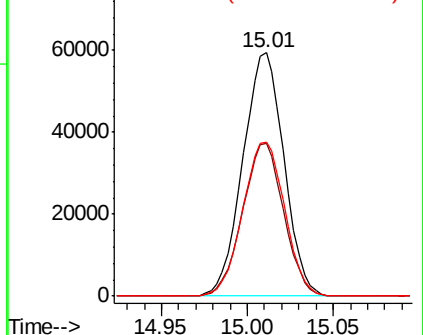


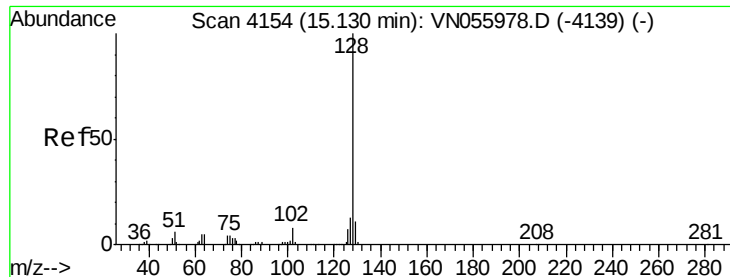
#94
 Hexachlorobutadiene
 Concen: 50.561 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056180.D
 Acq: 10 Jun 2019 19:34

Tgt Ion:225 Resp: 98733
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 64.5 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: 45.465 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

Instrument :

MSVOA_N

ClientSampled :

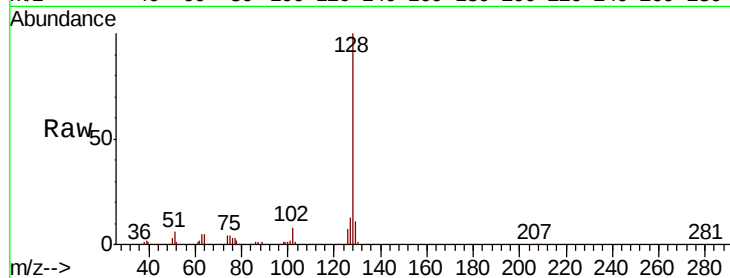
Tot Ion:128 Resp: 367173

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

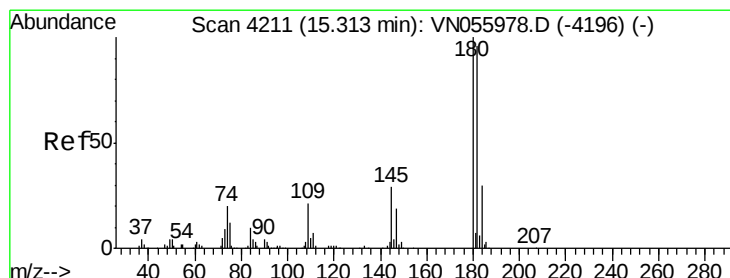
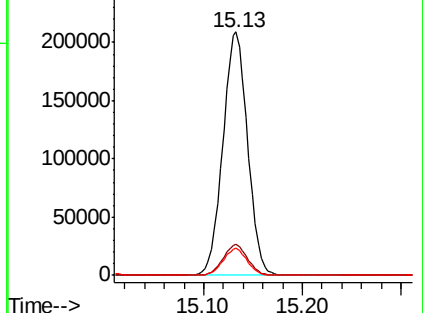
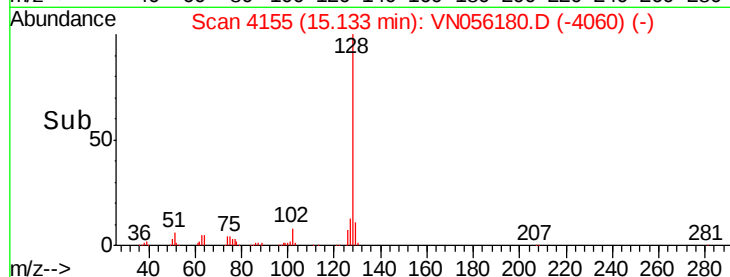
129 10.7 8.7 13.1



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: 46.529 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056180.D

Acq: 10 Jun 2019 19:34

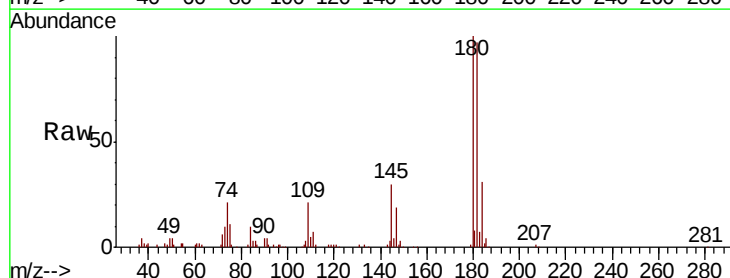
Tgt Ion:180 Resp: 148126

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 29.1 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

