

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053073.D
 Acq On : 20 Dec 2018 23:28
 Operator : MD\SY
 Sample : VN1220WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:38:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1088026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1688542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1444825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605404	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	597539	54.12	ug/l	0.00
Spiked Amount			Recovery	=	108.24%	
35) Dibromofluoromethane	7.59	113	470585	61.01	ug/l	0.00
Spiked Amount			Recovery	=	122.02%	
50) Toluene-d8	10.09	98	2118057	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	685506	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	204476	18.569	ug/l	99
3) Chloromethane	2.06	50	238548	17.877	ug/l	99
4) Vinyl Chloride	2.19	62	255525	18.908	ug/l	99
5) Bromomethane	2.58	94	169126	18.063	ug/l	99
6) Chloroethane	2.71	64	153326	19.157	ug/l	100
7) Trichlorofluoromethane	3.03	101	335686	19.939	ug/l	99
8) Diethyl Ether	3.42	74	130364	20.526	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	206689	19.256	ug/l	97
10) Methyl Iodide	3.96	142	289848	19.228	ug/l	99
11) Tert butyl alcohol	4.78	59	71260	105.774	ug/l	99
12) 1,1-Dichloroethene	3.74	96	204750	19.744	ug/l	96
13) Acrolein	3.61	56	69382	113.578	ug/l	100
14) Allyl chloride	4.33	41	306435	19.077	ug/l	98
15) Acrylonitrile	4.99	53	379491	101.393	ug/l	99
16) Acetone	3.82	43	239868	110.800	ug/l	96
17) Carbon Disulfide	4.06	76	567418	16.778	ug/l	99
18) Methyl Acetate	4.33	43	195663	20.510	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	574910	20.716	ug/l	99
20) Methylene Chloride	4.56	84	234213	19.833	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	215892	19.376	ug/l	98
22) Diisopropyl ether	5.95	45	715832	20.877	ug/l	99
23) Vinyl Acetate	5.90	43	2097234	106.371	ug/l	98
24) 1,1-Dichloroethane	5.85	63	409130	20.081	ug/l	99
25) 2-Butanone	6.84	43	397227	109.333	ug/l	98
26) 2,2-Dichloropropane	6.83	77	274935	17.677	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	253686	20.112	ug/l	98
28) Bromochloromethane	7.20	49	186076	21.076	ug/l	94
29) Tetrahydrofuran	7.21	42	280674	103.436	ug/l	96
30) Chloroform	7.37	83	408065	20.388	ug/l	98
31) Cyclohexane	7.66	56	378158	19.141	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	334159	19.599	ug/l	99
36) 1,1-Dichloropropene	7.80	75	307665	18.983	ug/l	99
37) Ethyl Acetate	6.93	43	192760	21.305	ug/l	99
38) Carbon Tetrachloride	7.78	117	286910	19.314	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053073.D
 Acq On : 20 Dec 2018 23:28
 Operator : MD\SY
 Sample : VN1220WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:38:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	346820	17.616	ug/l	99
40) Benzene	8.04	78	951220	19.732	ug/l	100
41) Methacrylonitrile	7.18	41	106643	20.400	ug/l	99
42) 1,2-Dichloroethane	8.13	62	280489	19.695	ug/l	98
43) Isopropyl Acetate	8.17	43	361591	20.026	ug/l	100
44) Trichloroethene	8.84	130	261281	18.738	ug/l	99
45) 1,2-Dichloropropane	9.12	63	252839	20.136	ug/l	98
46) Dibromomethane	9.21	93	145273	19.860	ug/l	98
47) Bromodichloromethane	9.40	83	303245	19.503	ug/l	100
48) Methyl methacrylate	9.20	41	174793	19.909	ug/l	97
49) 1,4-Dioxane	9.20	88	41382	372.620	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	917350	104.698	ug/l	99
52) Toluene	10.16	92	575360	19.255	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	302583	18.506	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	358187	19.086	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	211437	20.283	ug/l	98
56) Ethyl methacrylate	10.43	69	279806	20.279	ug/l	96
57) 1,3-Dichloropropane	10.71	76	357704	20.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	784809	103.607	ug/l	98
59) 2-Hexanone	10.75	43	599253	101.086	ug/l	98
60) Dibromochloromethane	10.90	129	224647	18.827	ug/l	100
61) 1,2-Dibromoethane	11.01	107	205589	19.419	ug/l	100
64) Tetrachloroethene	10.63	164	292083	18.663	ug/l	98
65) Chlorobenzene	11.43	112	621866	19.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	221575	19.894	ug/l	99
67) Ethyl Benzene	11.51	91	1064252	19.322	ug/l	99
68) m/p-Xylenes	11.62	106	792969	37.871	ug/l	100
69) o-Xylene	11.95	106	388706	19.346	ug/l	100
70) Styrene	11.96	104	631414	19.272	ug/l	99
71) Bromoform	12.13	173	146627	18.224	ug/l	100
73) Isopropylbenzene	12.25	105	1027593	21.694	ug/l	99
74) N-amyl acetate	12.07	43	289673	22.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	221231	23.807	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	290558	28.510	ug/l #	100
77) Bromobenzene	12.53	156	258375	20.984	ug/l	99
78) n-propylbenzene	12.59	91	1117726	20.719	ug/l	99
79) 2-Chlorotoluene	12.67	91	665019	19.887	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	787911	20.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	60722	19.204	ug/l	98
82) 4-Chlorotoluene	12.77	91	668515	20.423	ug/l	100
83) tert-Butylbenzene	12.99	119	706462	20.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	780051	20.098	ug/l	100
85) sec-Butylbenzene	13.17	105	915974	19.832	ug/l	100
86) p-Isopropyltoluene	13.29	119	769084	19.271	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	424402	19.475	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	412492	18.691	ug/l	99
89) n-Butylbenzene	13.62	91	594802	17.324	ug/l	100
90) Hexachloroethane	13.88	117	115046	18.785	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	401894	19.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30637	19.067	ug/l	98

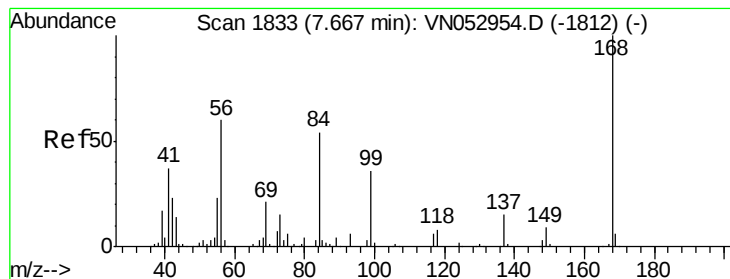
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
Data File : VN053073.D
Acq On : 20 Dec 2018 23:28
Operator : MD\SY
Sample : VN1220WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 02:38:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	198185	18.617	ug/l	98
94) Hexachlorobutadiene	15.01	225	116091	18.845	ug/l	99
95) Naphthalene	15.13	128	431639	18.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	179360	18.652	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

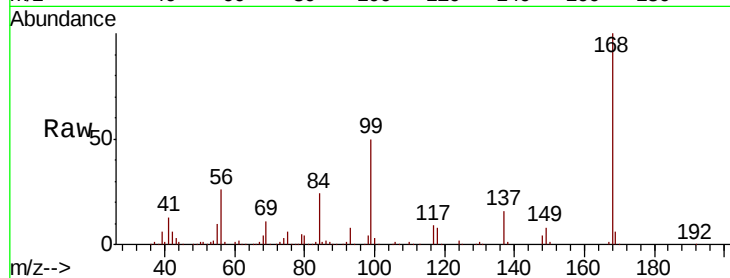
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1088026

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

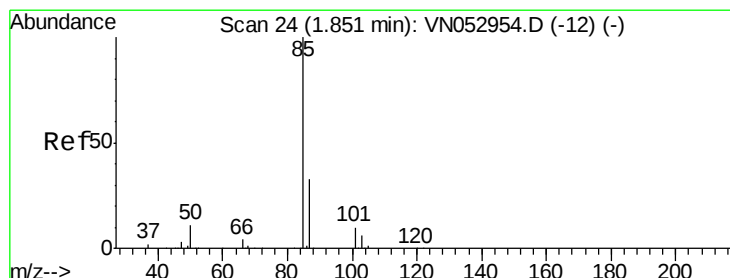
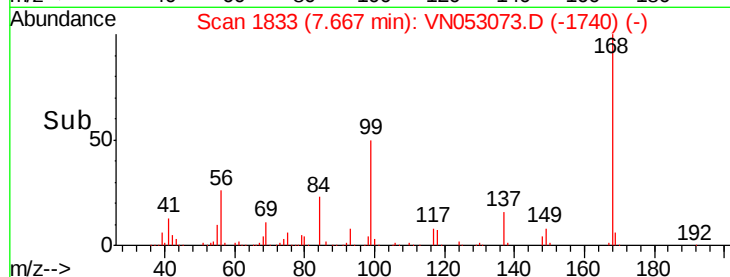
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.569 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053073.D

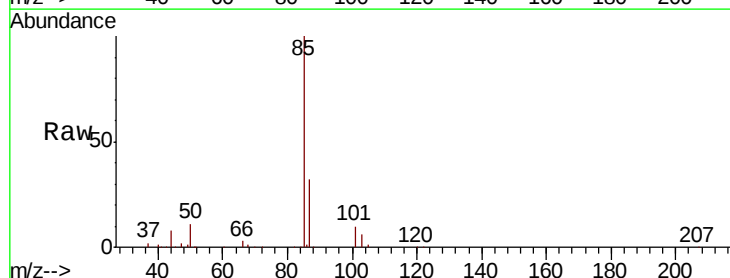
Acq: 20 Dec 2018 23:28

Tgt Ion: 85 Resp: 204476

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

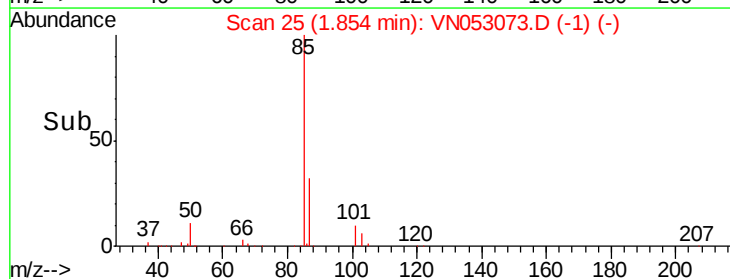
100000

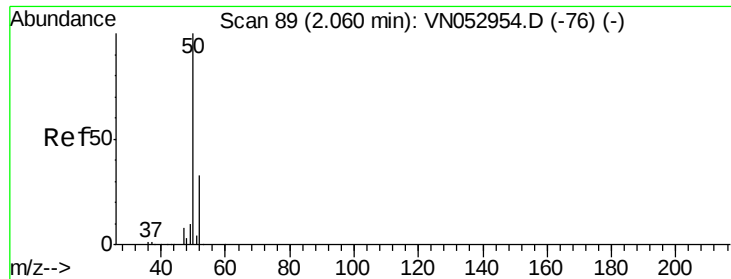
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.877 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

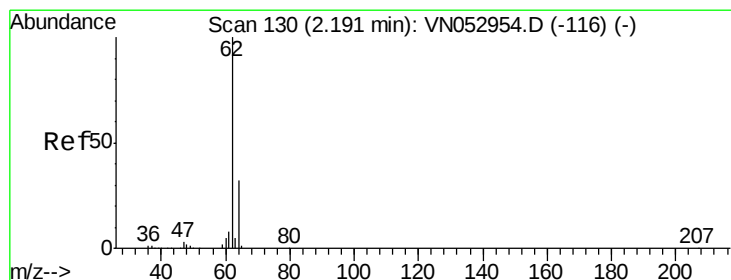
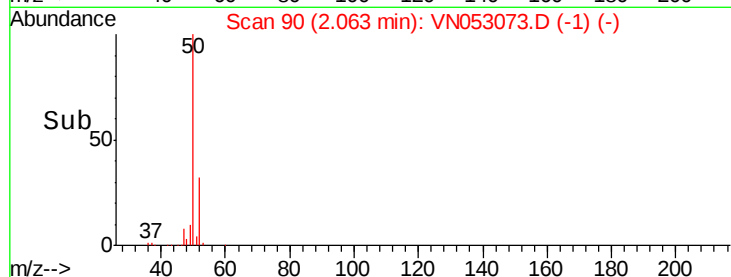
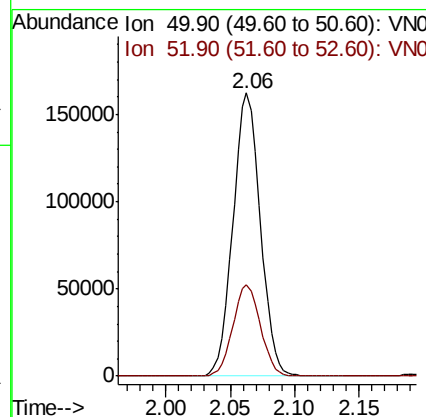
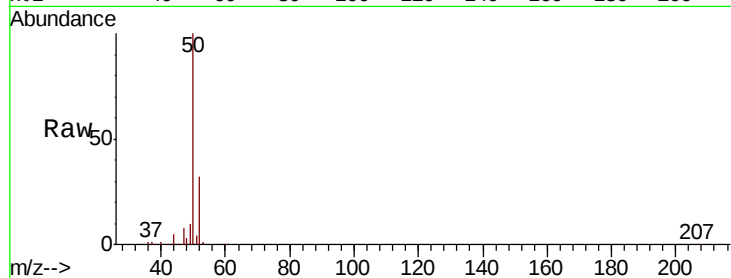
ClientSampleId :

Tot Ion: 50 Resp: 238548

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.4



#4

Vinyl Chloride

Concen: 18.908 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053073.D

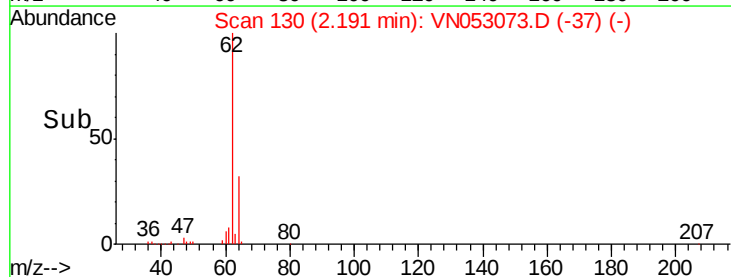
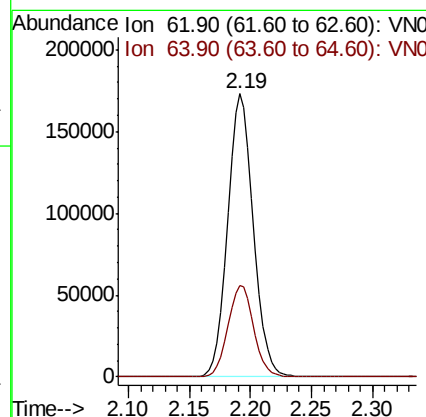
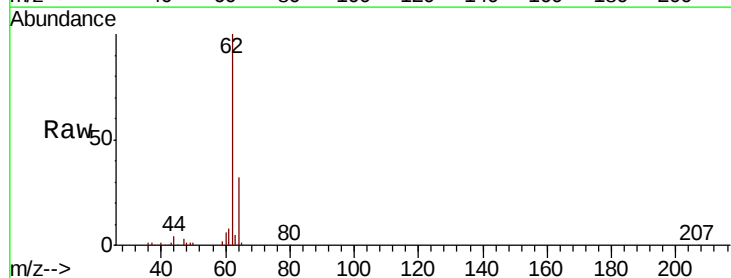
Acq: 20 Dec 2018 23:28

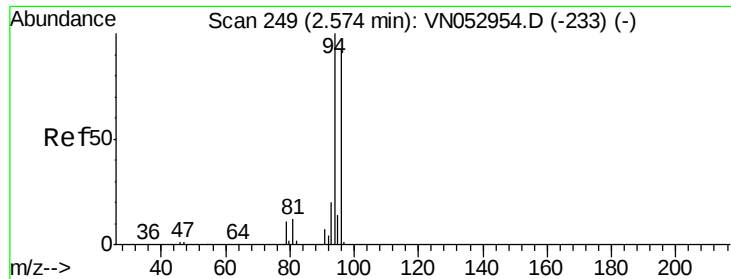
Tgt Ion: 62 Resp: 255525

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 18.063 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

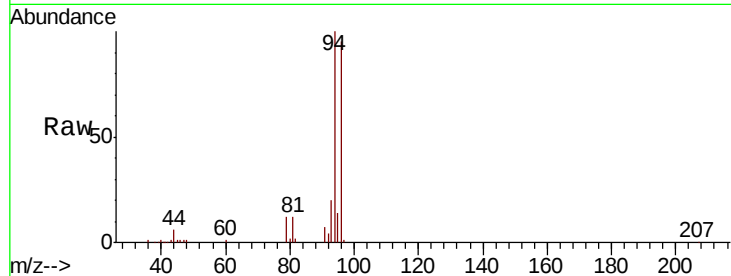
ClientSampleId :

Tot Ion: 94 Resp: 169126

Ion Ratio Lower Upper

94 100

96 94.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

100000

80000

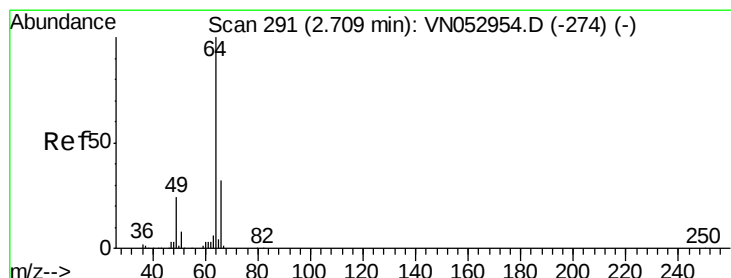
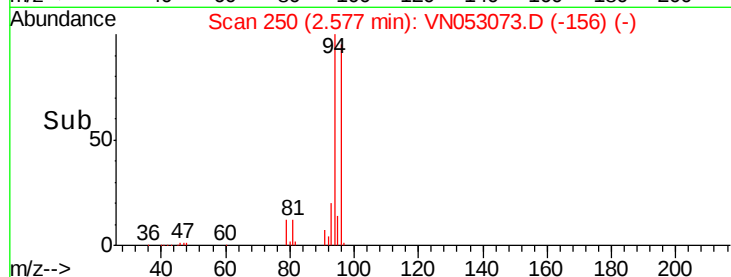
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.157 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053073.D

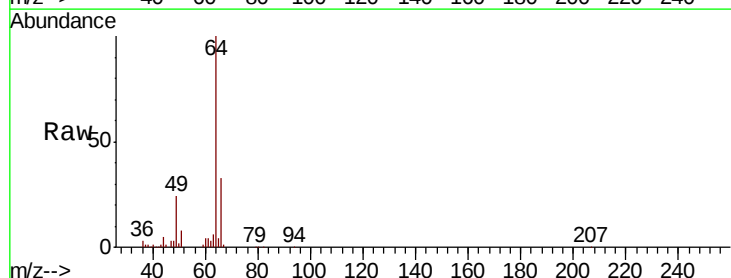
Acq: 20 Dec 2018 23:28

Tgt Ion: 64 Resp: 153326

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

80000

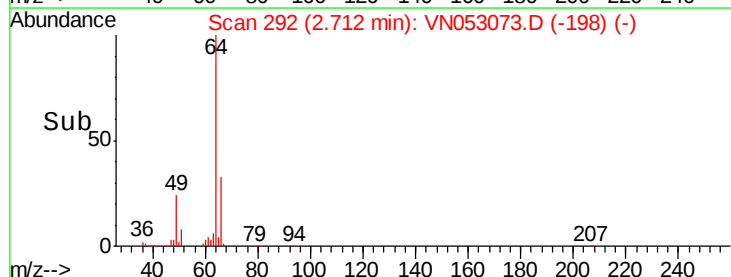
60000

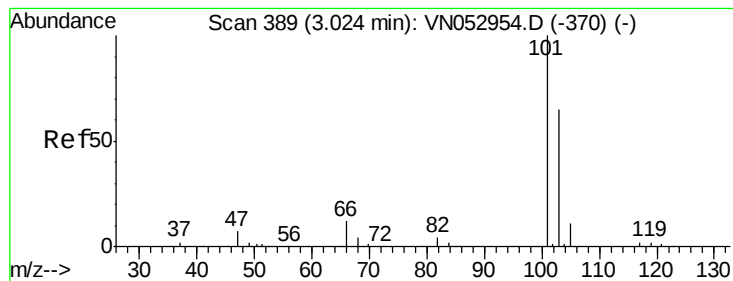
40000

20000

0

Time-->



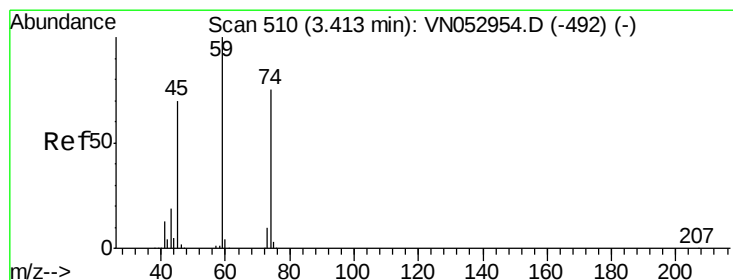
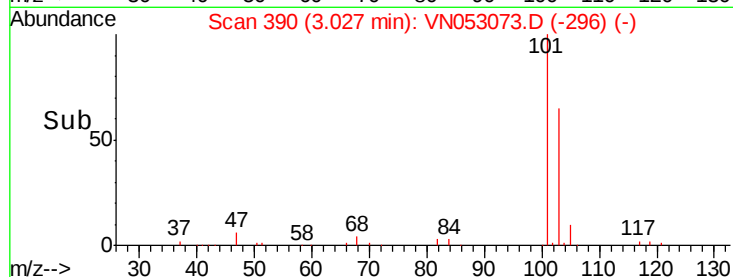
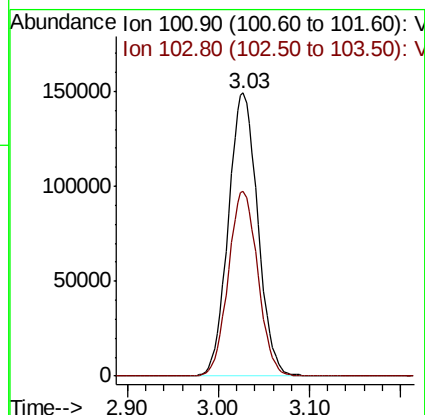
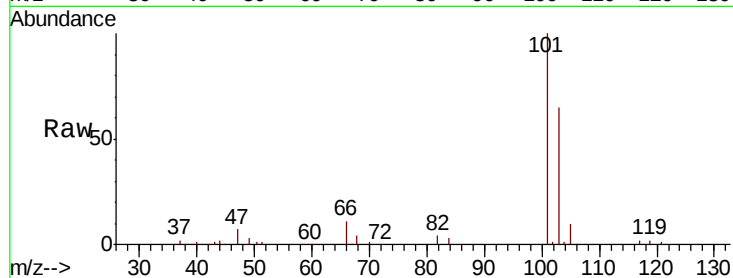


#7

Trichlorofluoromethane
Concen: 19.939 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampleId :

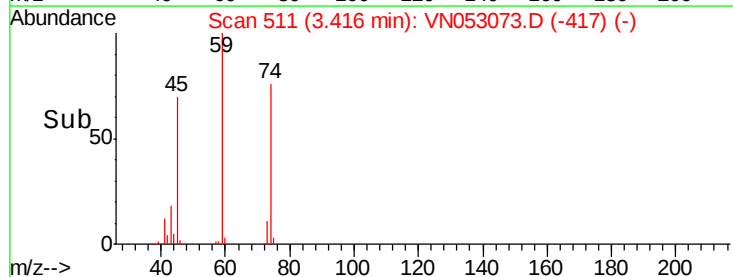
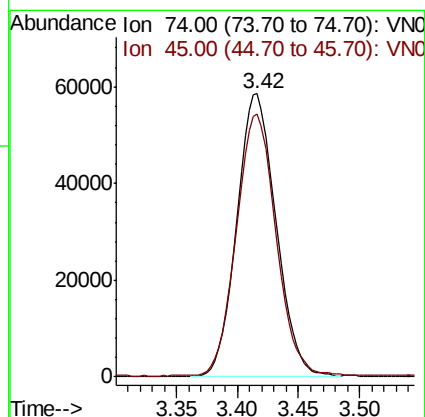
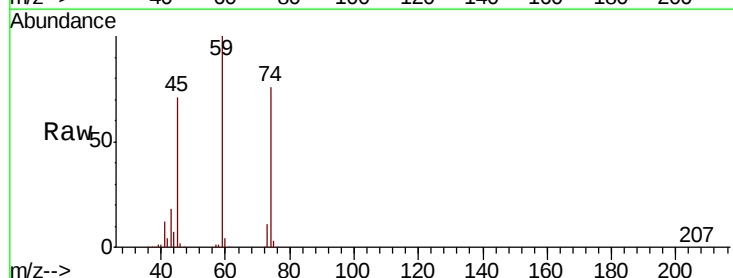
Tot Ion:101 Resp: 335686
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

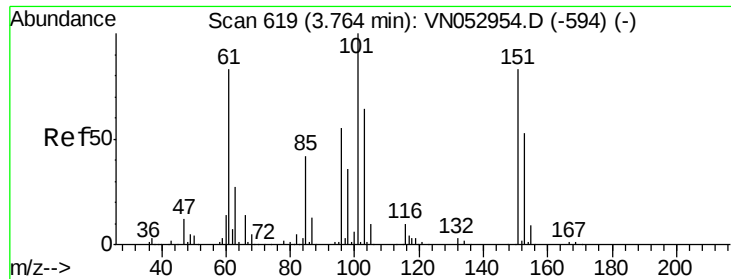


#8

Diethyl Ether
Concen: 20.526 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 74 Resp: 130364
Ion Ratio Lower Upper
74 100
45 93.4 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.256 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampleId :

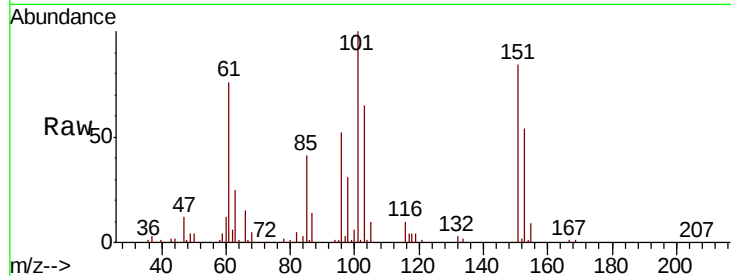
Tot Ion:101 Resp: 206689

Ion Ratio Lower Upper

101 100

85 41.4 33.6 50.4

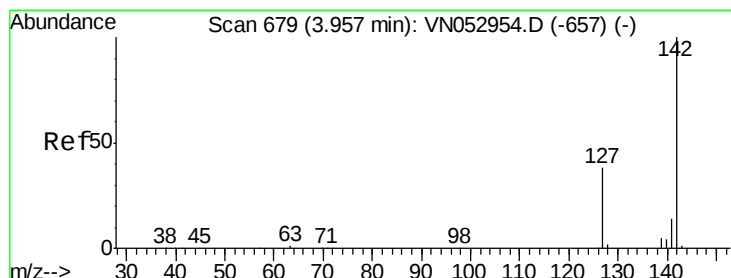
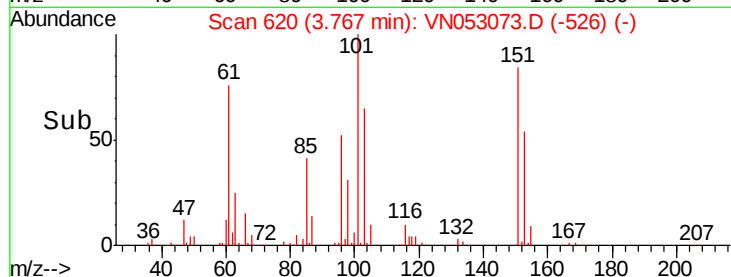
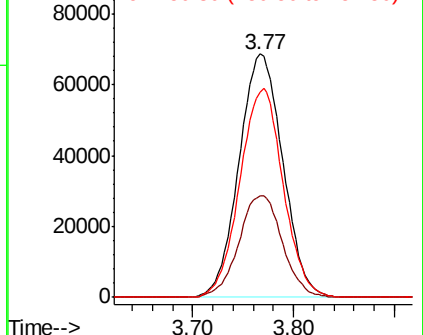
151 84.9 65.5 98.3



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: 19.228 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

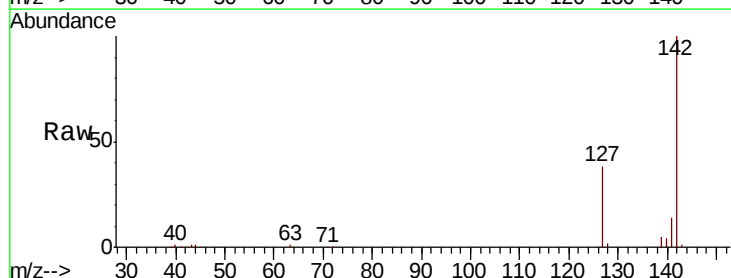
Tgt Ion:142 Resp: 289848

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.6

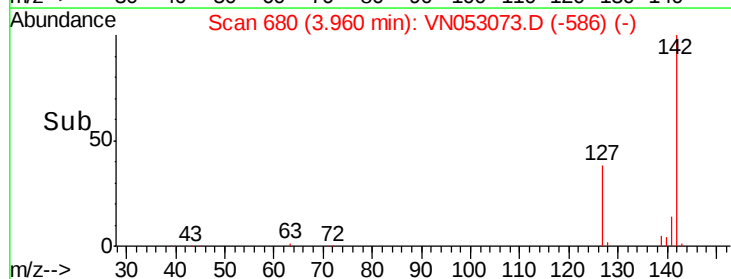
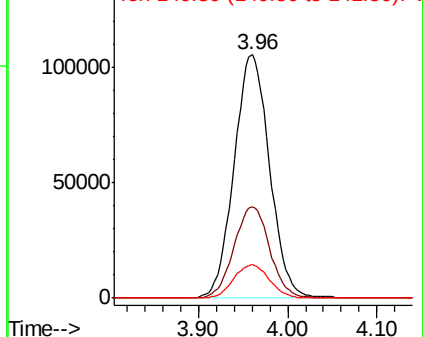
141 13.9 11.2 16.8

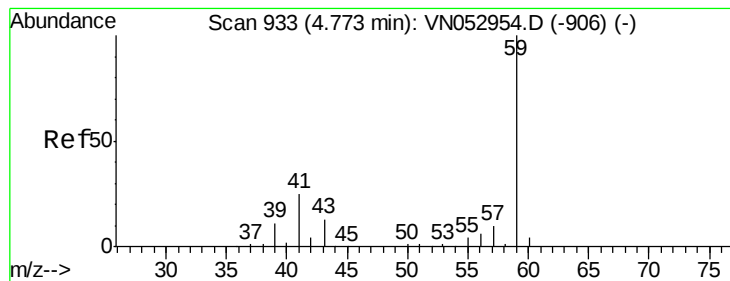


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



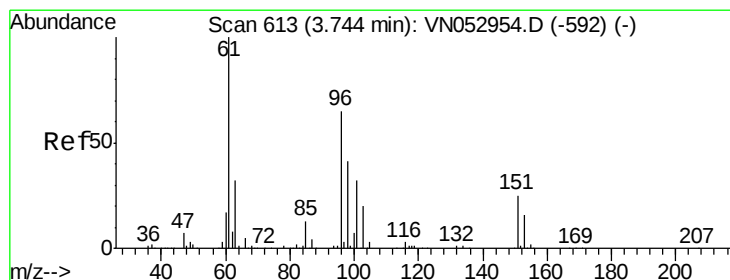
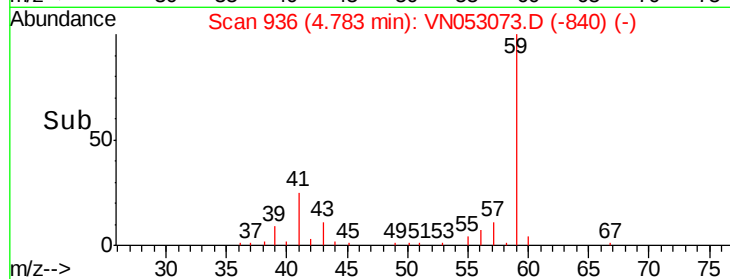
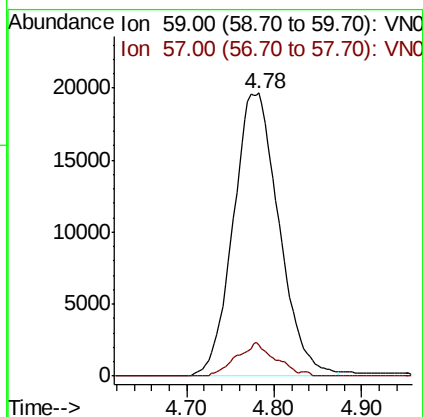
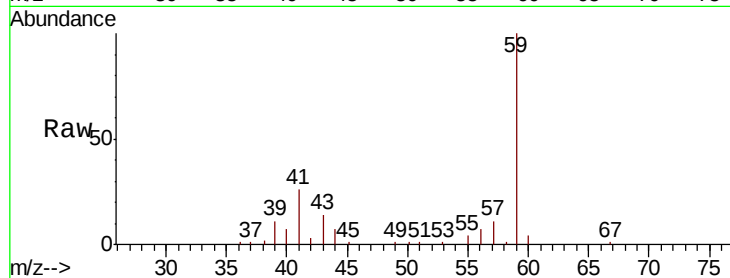


#11

Tert butyl alcohol
 Concen: 105.774 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Instrument :
 MSVOA_N
 ClientSampled :

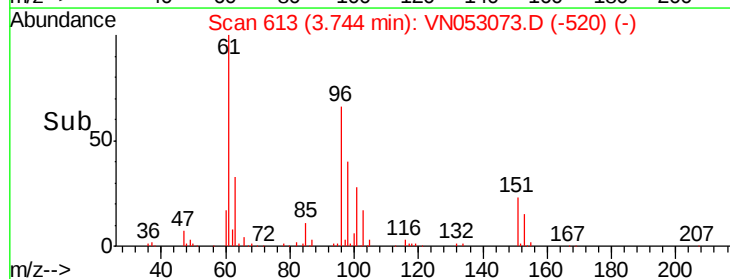
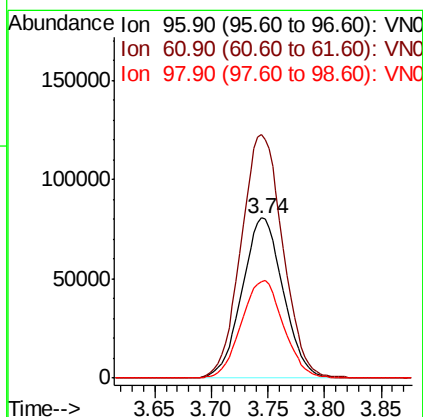
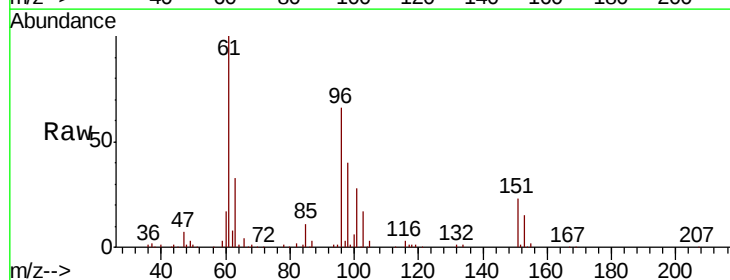
Tot Ion: 59 Resp: 71260
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

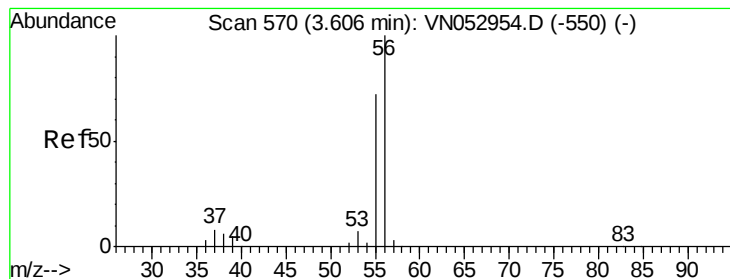


#12

1,1-Dichloroethene
 Concen: 19.744 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion: 96 Resp: 204750
 Ion Ratio Lower Upper
 96 100
 61 152.0 125.6 188.4
 98 60.3 50.6 75.8





#13

Acrolein

Concen: 113.578 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

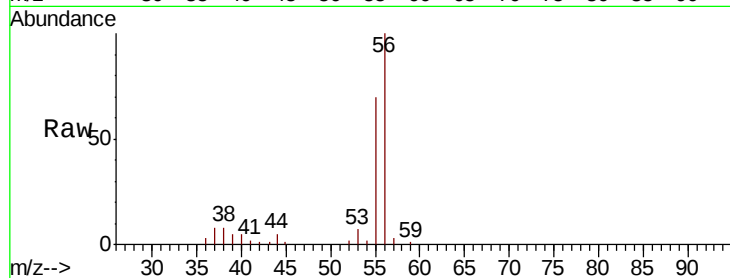
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 69382

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

25000

20000

15000

10000

5000

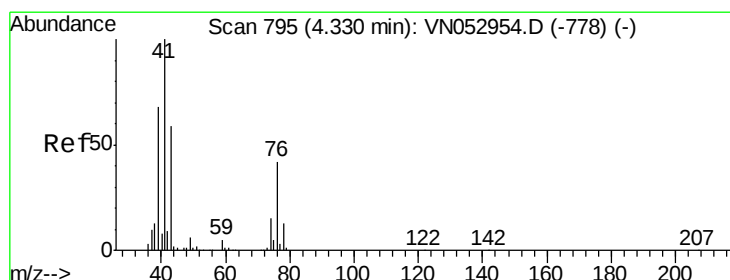
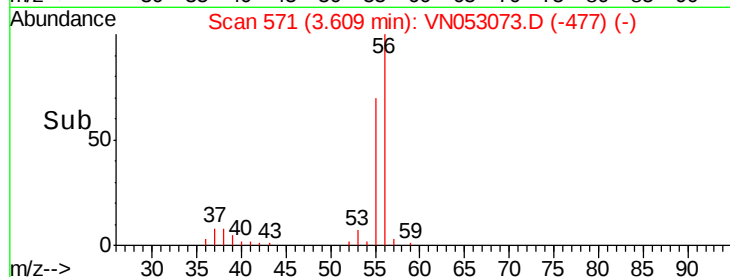
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 19.077 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

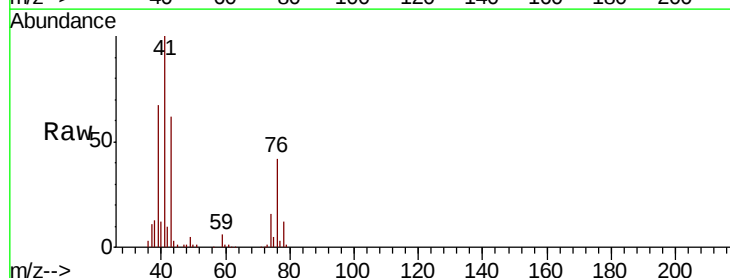
Tgt Ion: 41 Resp: 306435

Ion Ratio Lower Upper

41 100

39 66.7 54.1 81.1

76 40.4 30.3 45.5



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

100000

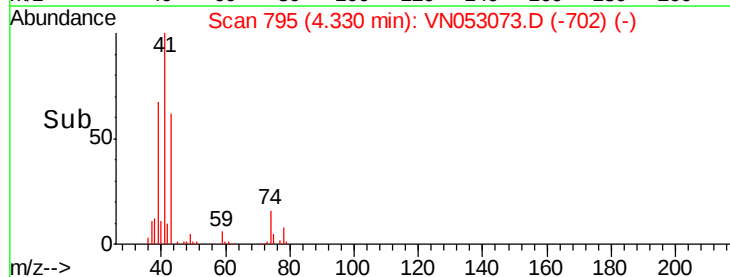
50000

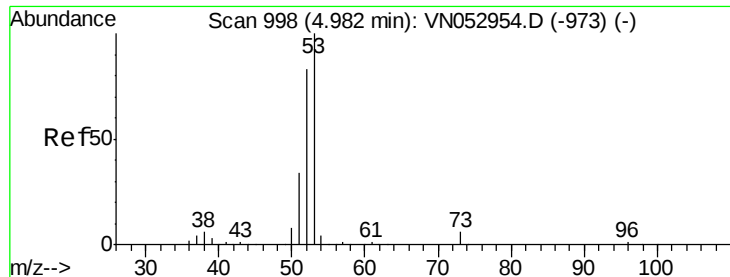
0

Time-->

4.30

4.40





#15

Acrylonitrile

Concen: 101.393 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampled :

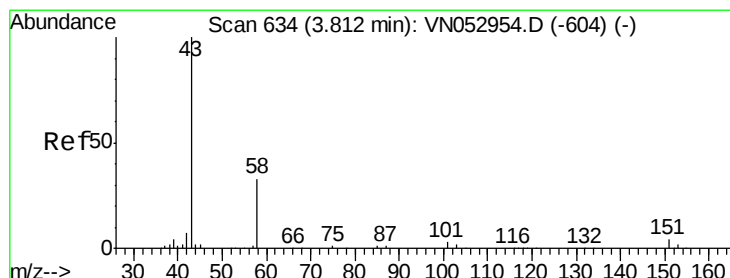
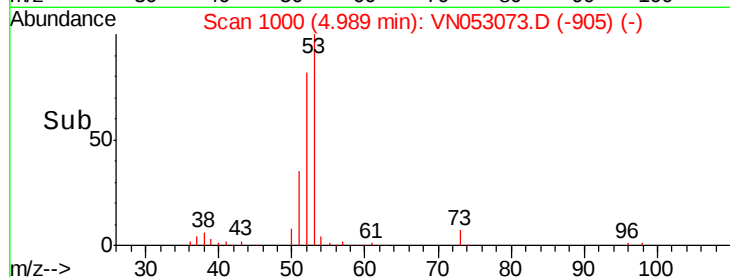
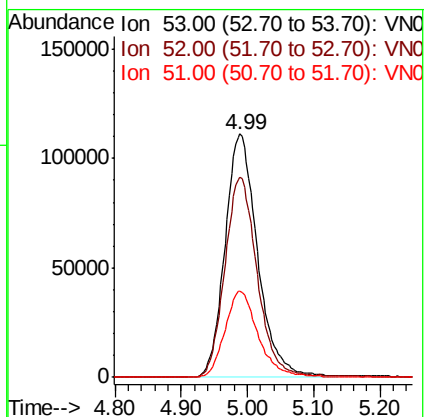
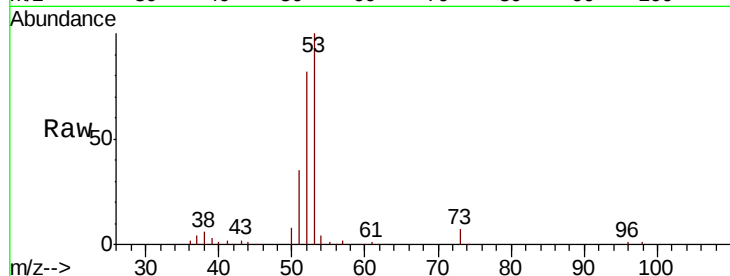
Tot Ion: 53 Resp: 379491

Ion Ratio Lower Upper

53 100

52 81.5 65.1 97.7

51 36.3 28.1 42.1



#16

Acetone

Concen: 110.800 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053073.D

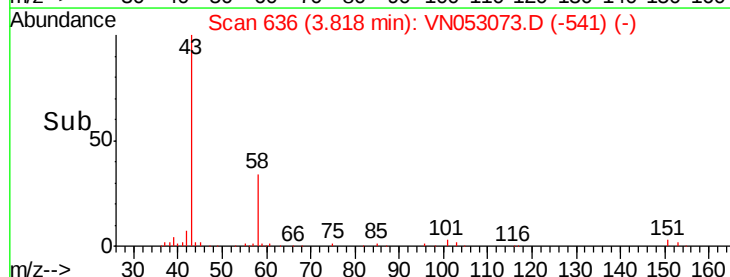
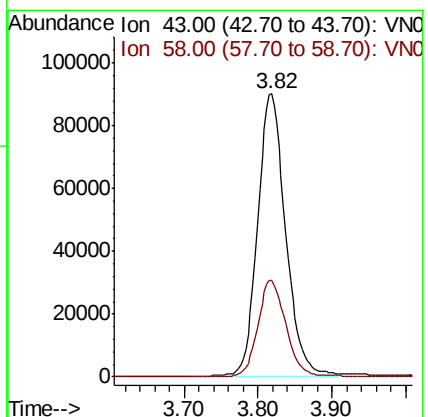
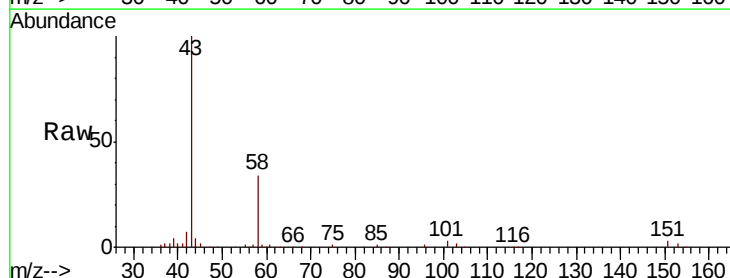
Acq: 20 Dec 2018 23:28

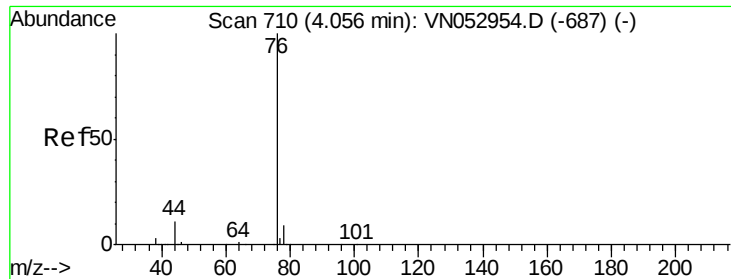
Tgt Ion: 43 Resp: 239868

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.0





#17

Carbon Disulfide

Concen: 16.778 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

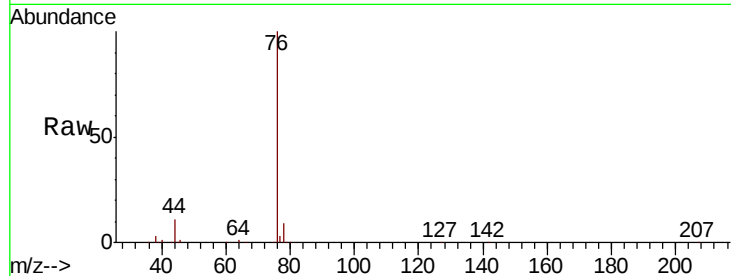
ClientSampleId :

Tot Ion: 76 Resp: 567418

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN053073.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN053073.D (-617) (-)

4.06

200000

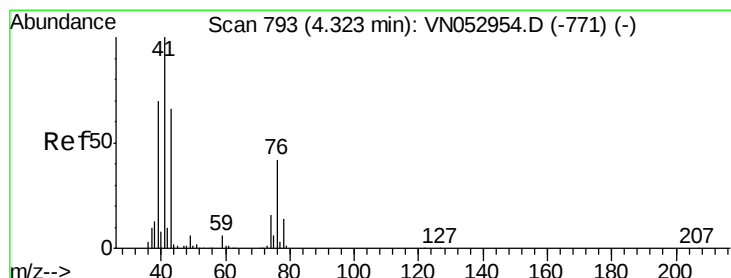
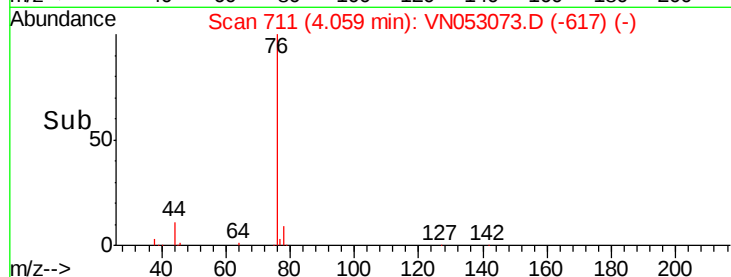
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.510 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053073.D

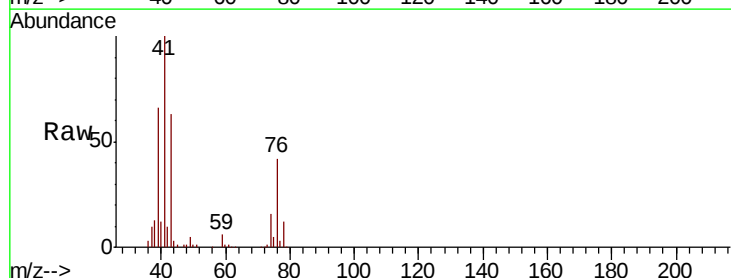
Acq: 20 Dec 2018 23:28

Tgt Ion: 43 Resp: 195663

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN053073.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN053073.D (-700) (-)

4.33

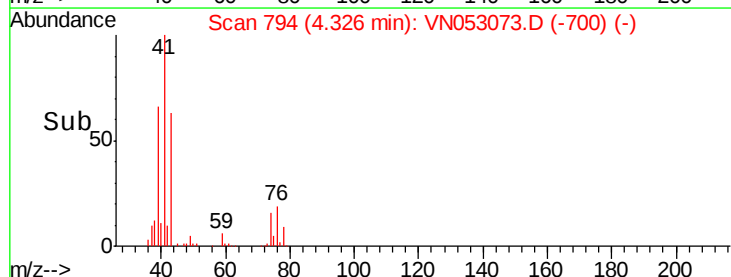
60000

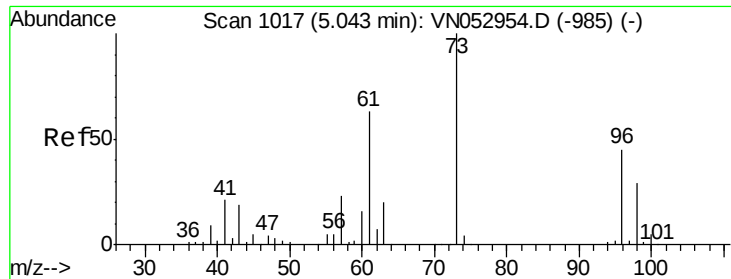
40000

20000

0

Time-->

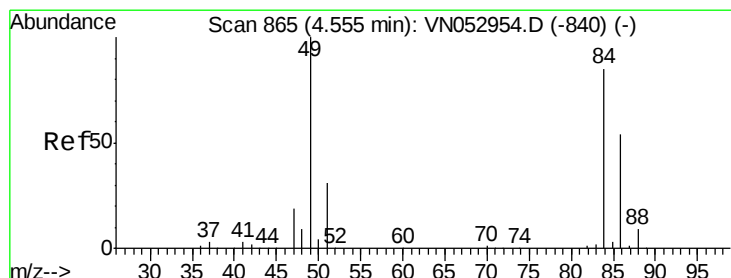
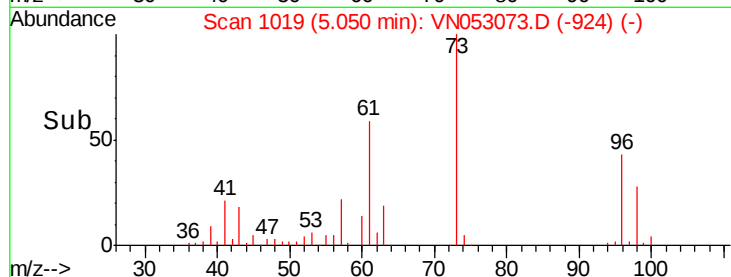
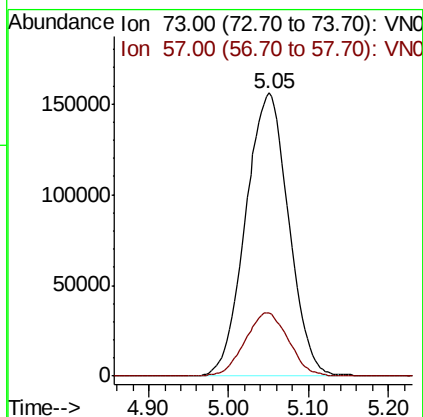
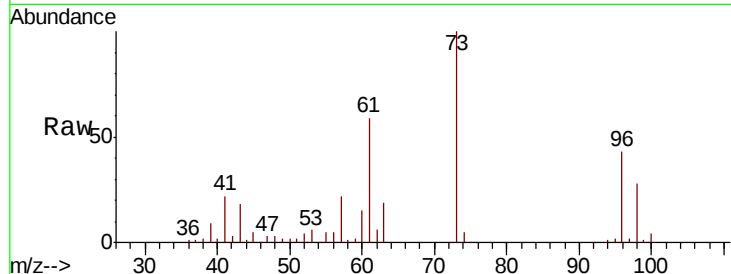




#19
Methvl tert-butvl Ether
Concen: 20.716 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

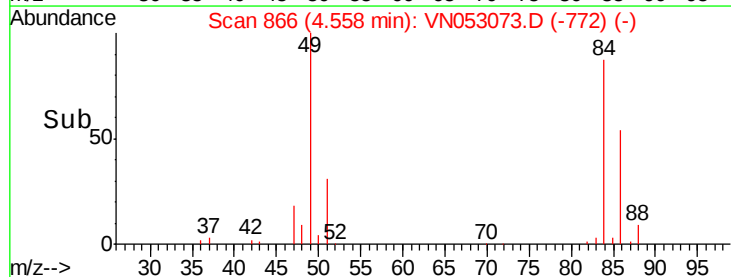
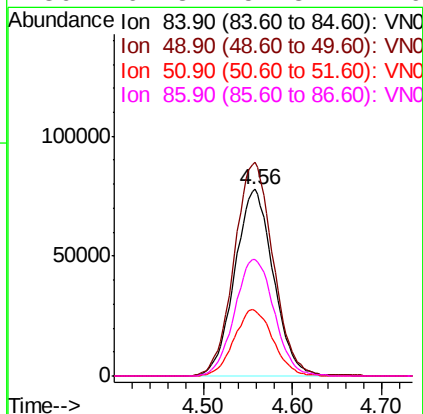
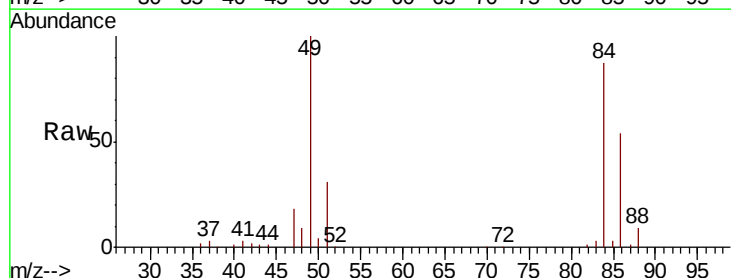
Instrument :
MSVOA_N
ClientSampled :

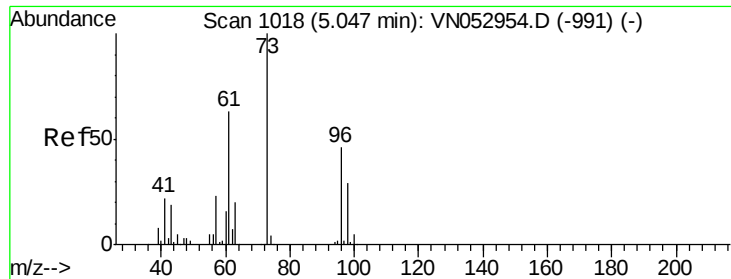
Tot Ion: 73 Resp: 574910
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6



#20
Methylene Chloride
Concen: 19.833 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 84 Resp: 234213
Ion Ratio Lower Upper
84 100
49 114.4 96.8 145.2
51 35.2 29.9 44.9
86 62.3 51.8 77.6

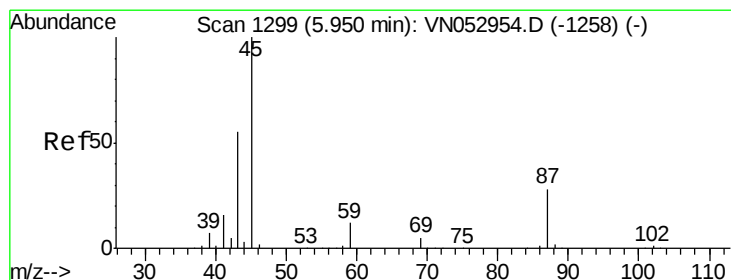
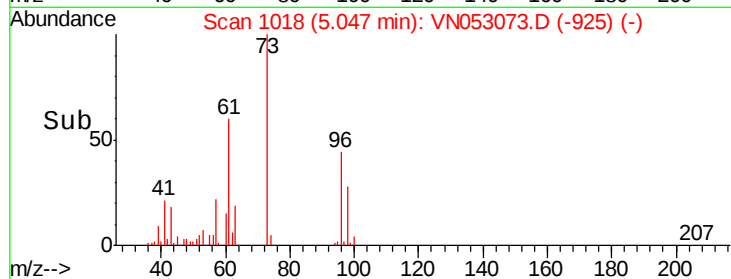
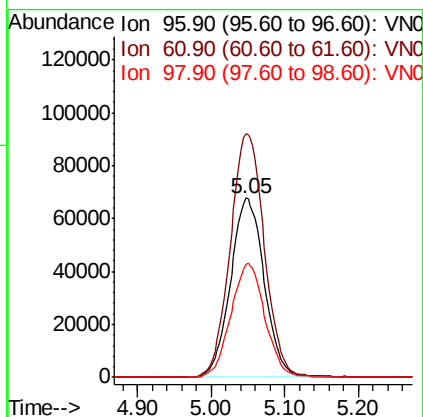
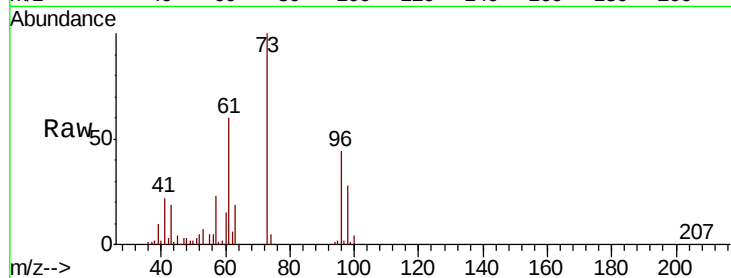




#21
trans-1,2-Dichloroethene
Concen: 19.376 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

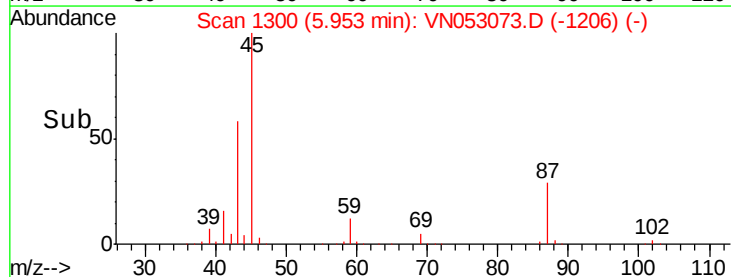
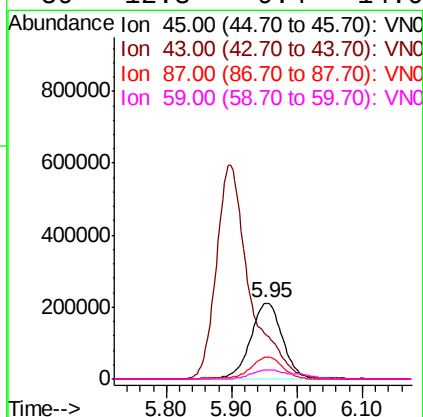
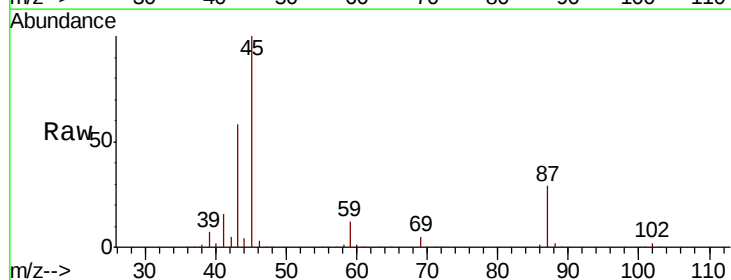
Instrument :
MSVOA_N
ClientSampled :

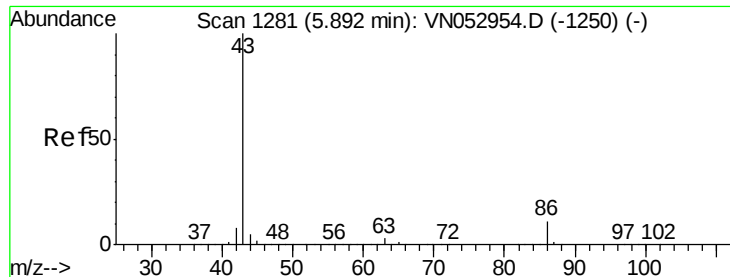
Tot Ion: 96 Resp: 215892
Ion Ratio Lower Upper
96 100
61 135.9 110.8 166.2
98 62.9 51.4 77.2



#22
Diisopropyl ether
Concen: 20.877 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 45 Resp: 715832
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 29.1 22.0 33.0
59 12.3 9.4 14.0

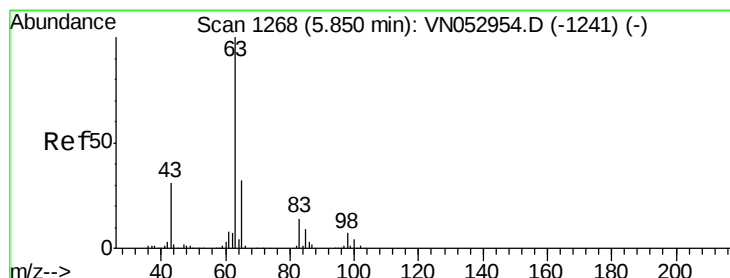
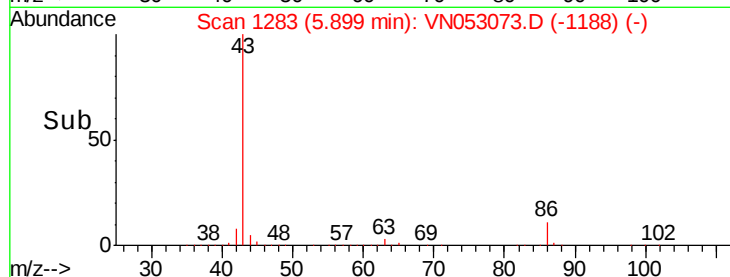
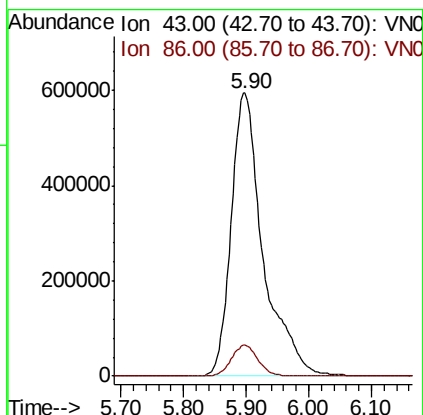
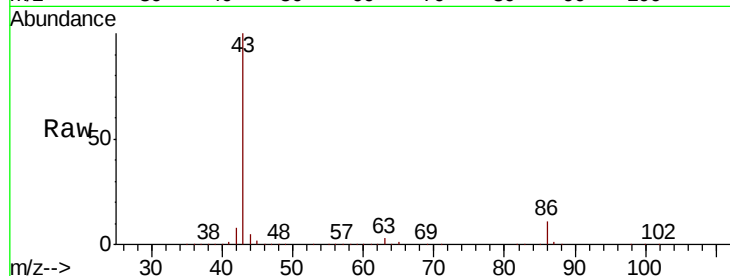




#23
 Vinyl Acetate
 Concen: 106.371 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

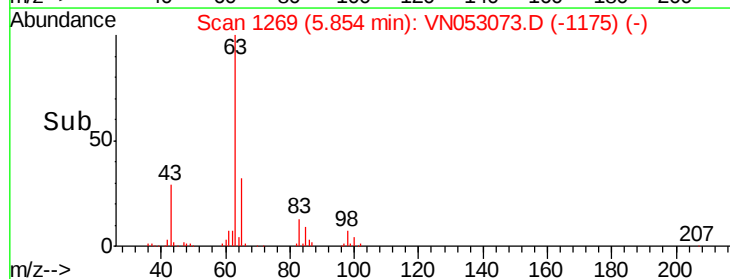
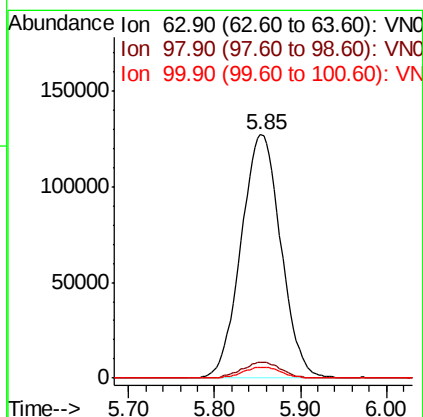
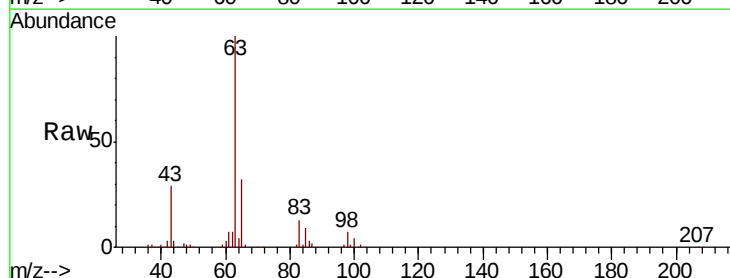
Instrument :
 MSVOA_N
 ClientSampleId :

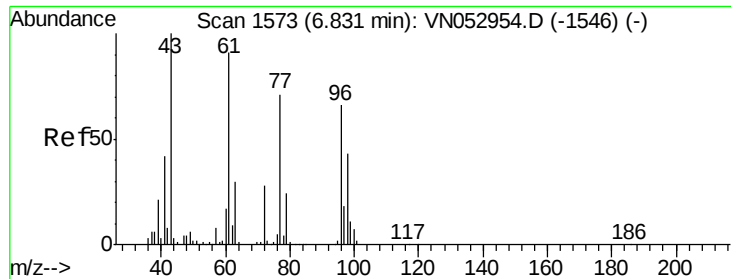
Tot Ion: 43 Resp: 2097234
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.081 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion: 63 Resp: 409130
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.5 2.0 5.8

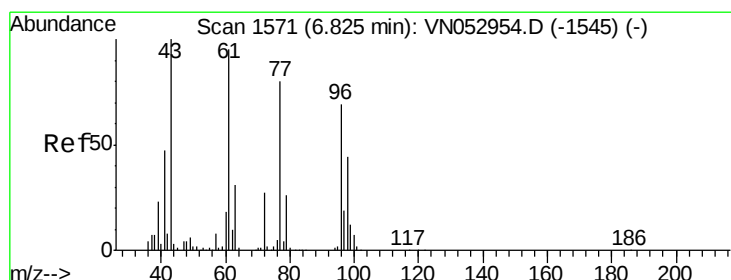
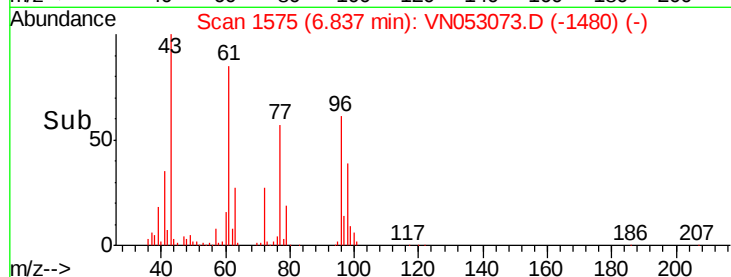
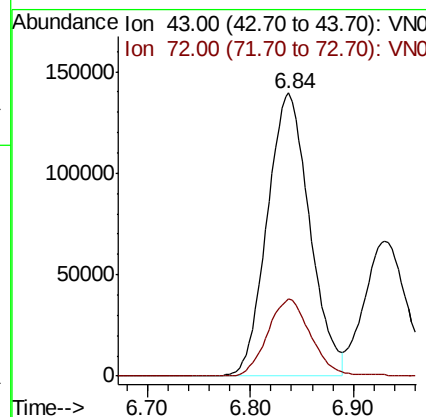
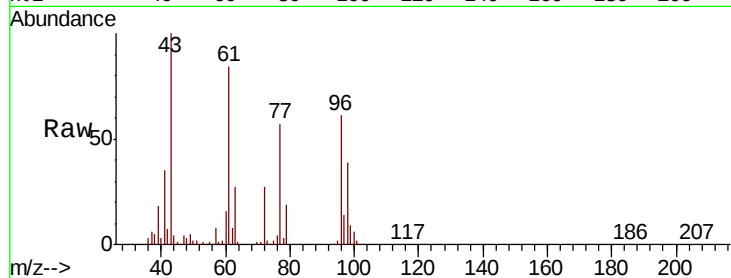




#25
2-Butanone
Concen: 109.333 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

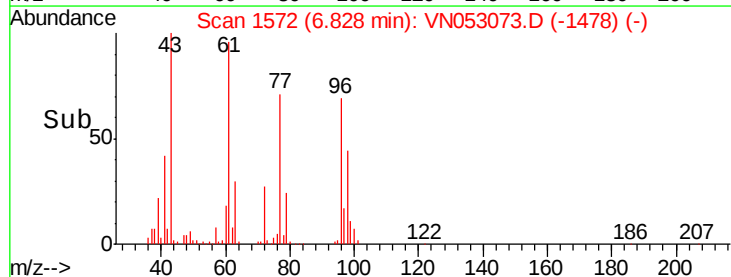
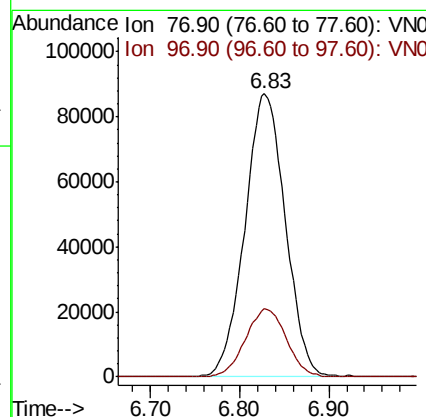
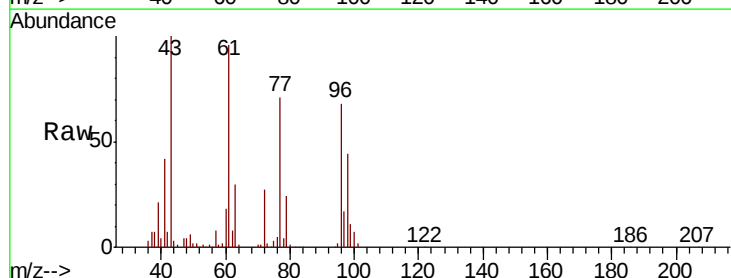
Instrument :
MSVOA_N
ClientSampled :

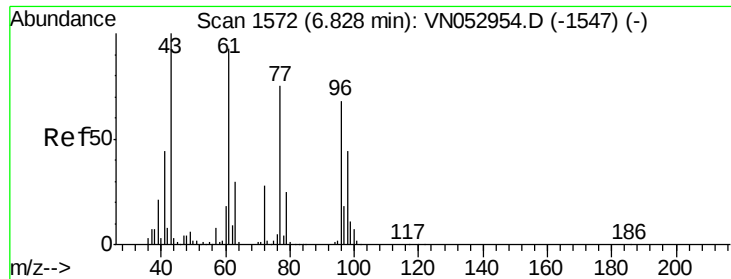
Tot Ion: 43 Resp: 397227
Ion Ratio Lower Upper
43 100
72 27.2 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.677 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 77 Resp: 274935
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.112 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampled :

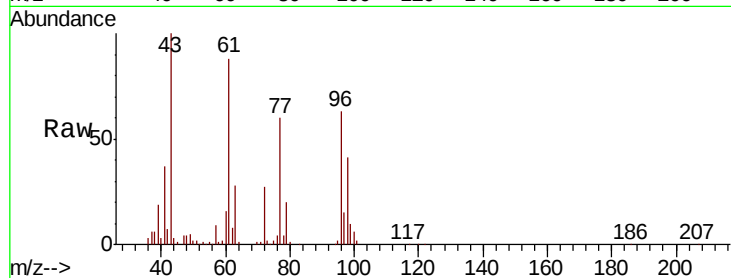
Tot Ion: 96 Resp: 253686

Ion Ratio Lower Upper

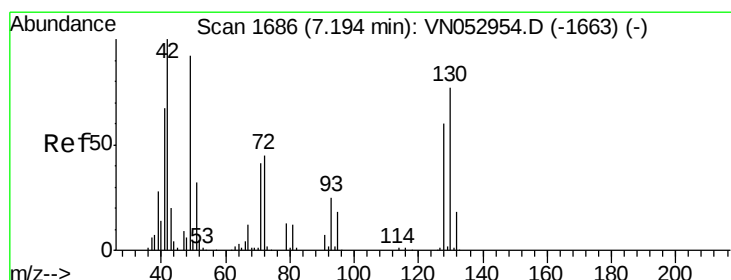
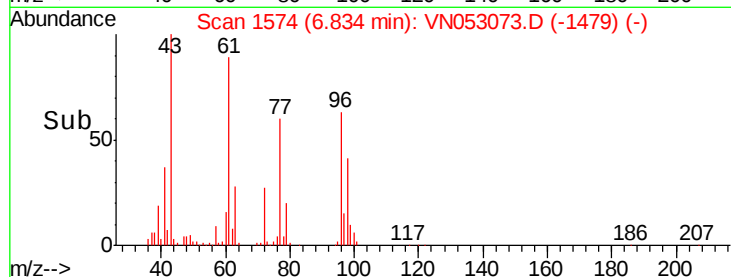
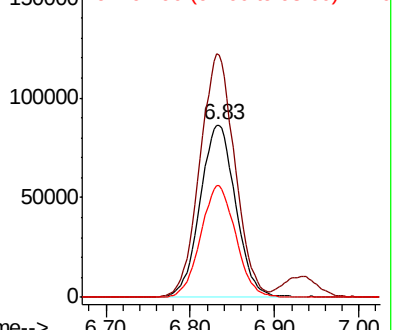
96 100

61 139.1 0.0 284.2

98 64.0 0.0 129.2



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



#28

Bromochloromethane

Concen: 21.076 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

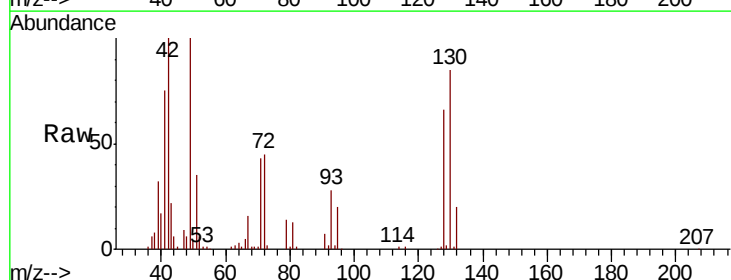
Tgt Ion: 49 Resp: 186076

Ion Ratio Lower Upper

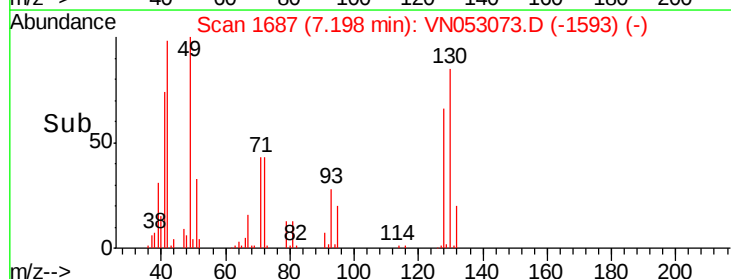
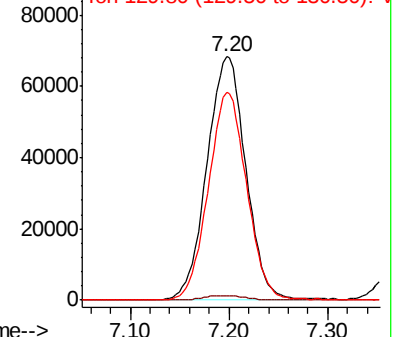
49 100

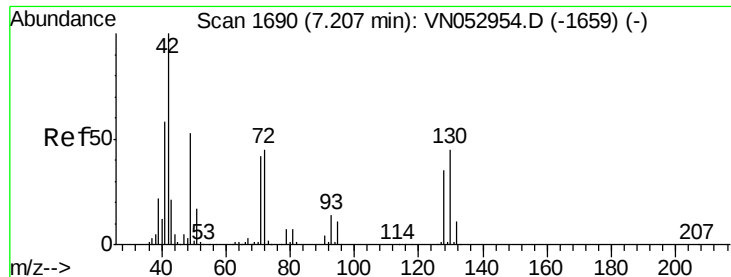
129 1.9 0.0 4.0

130 84.1 63.3 94.9



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

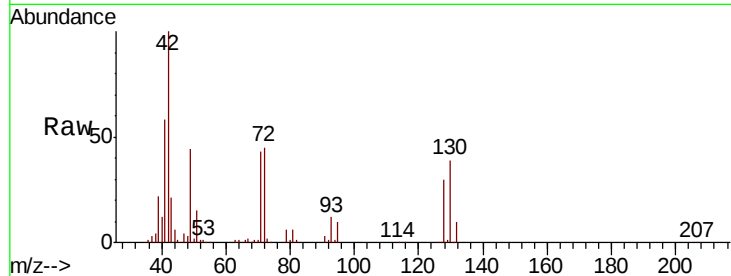




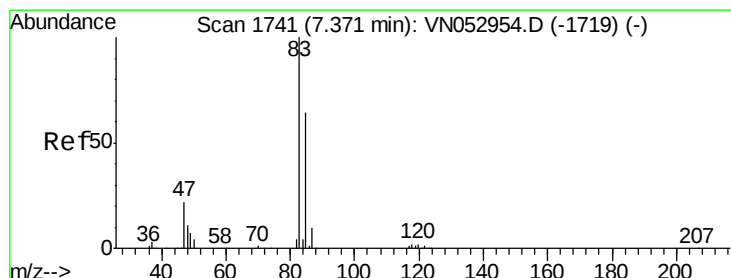
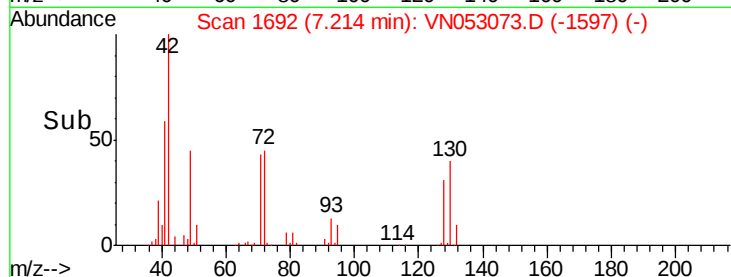
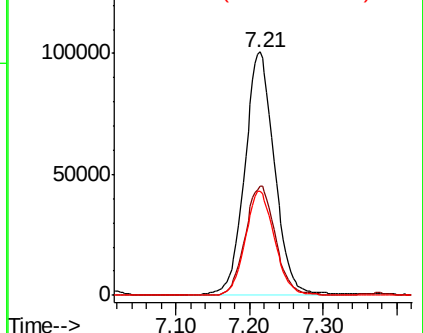
#29
Tetrahydrofuran
Concen: 103.436 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 280674
Ion Ratio Lower Upper
42 100
72 45.8 34.7 52.1
71 42.4 32.3 48.5

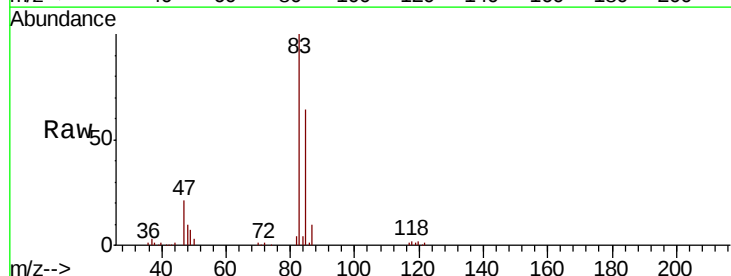


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

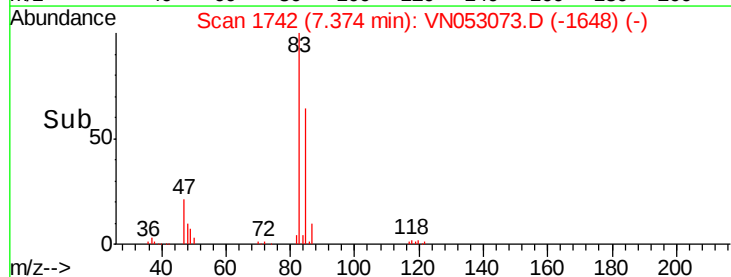
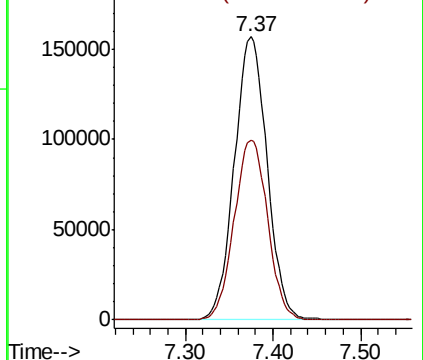


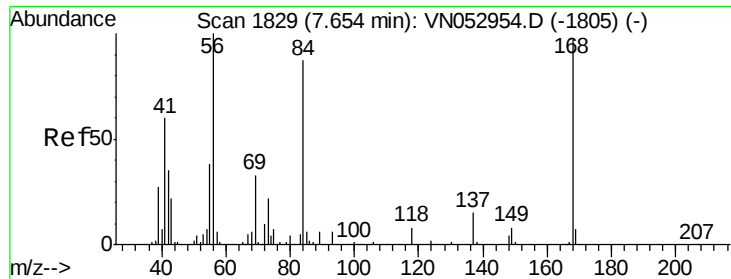
#30
Chloroform
Concen: 20.388 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 83 Resp: 408065
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1



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

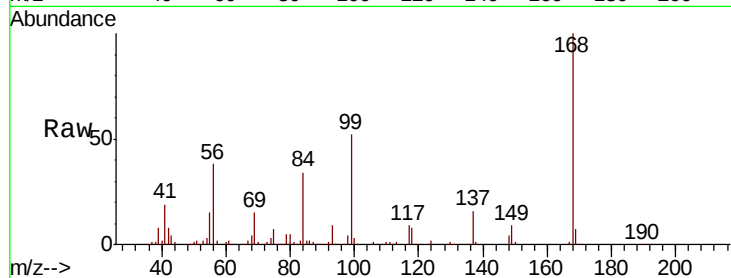




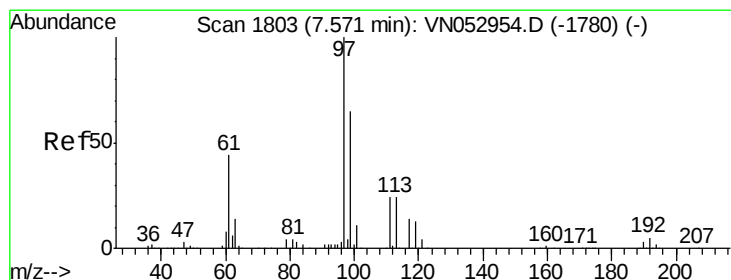
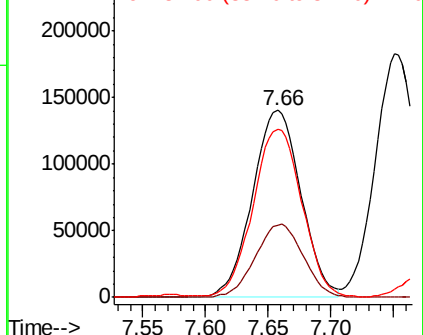
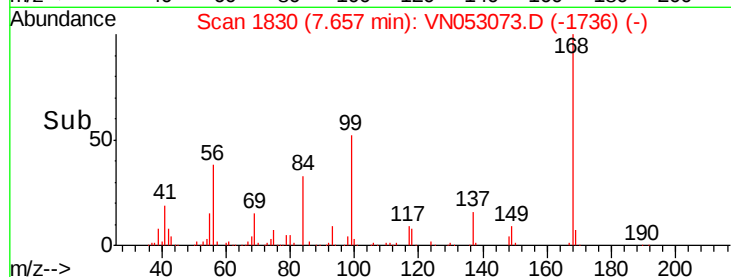
#31
Cyclohexane
Concen: 19.141 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	26.6	39.8
84	89.1	68.4	102.6

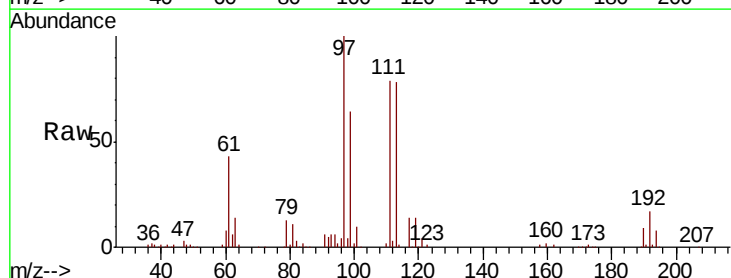


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

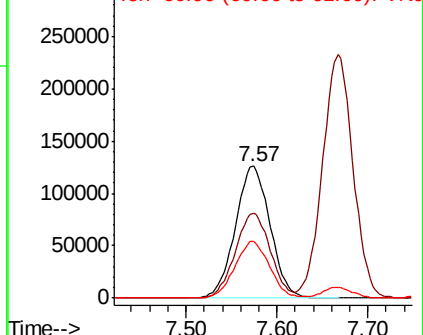
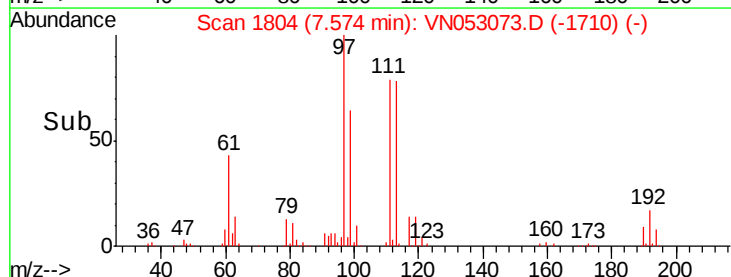


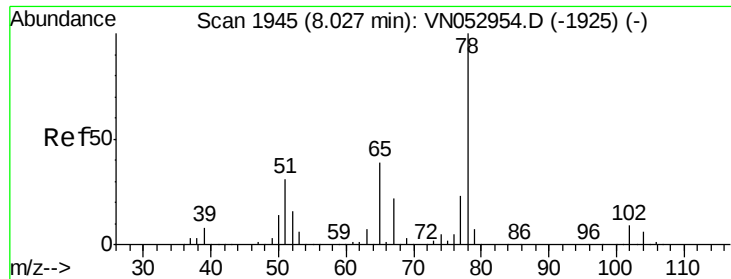
#32
1,1,1-Trichloroethane
Concen: 19.599 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	43.0	35.0	52.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

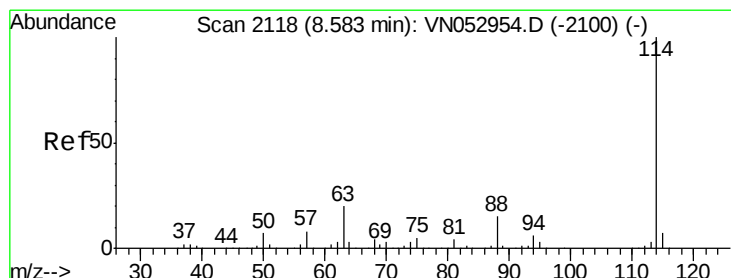
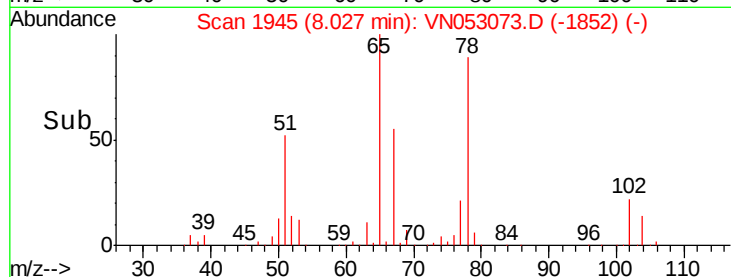
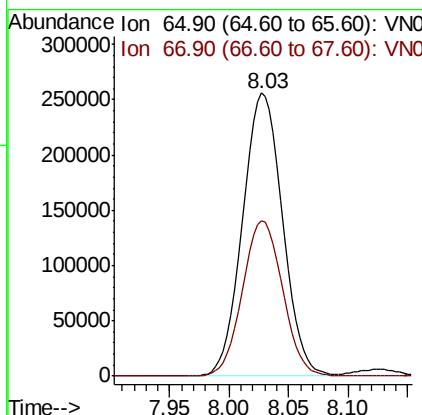
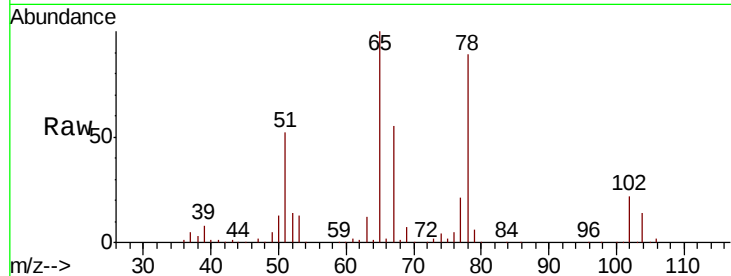




#33
 1,2-Dichloroethane-d4
 Concen: 19.599 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

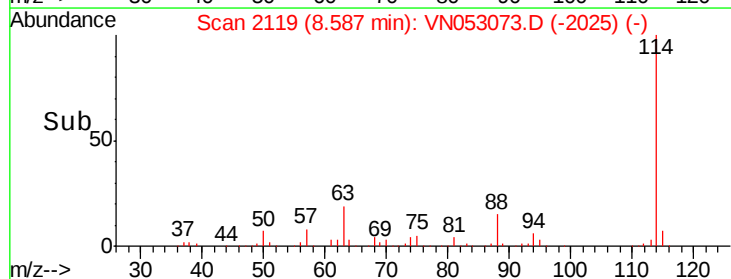
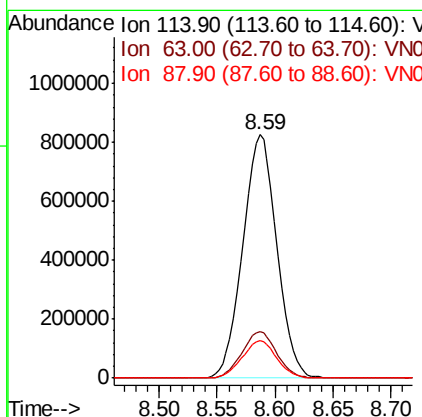
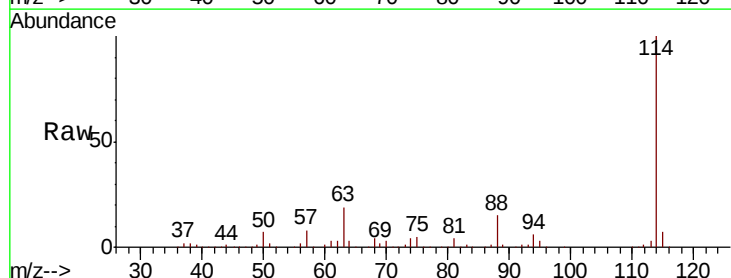
Instrument :
 MSVOA_N
 ClientSampled :

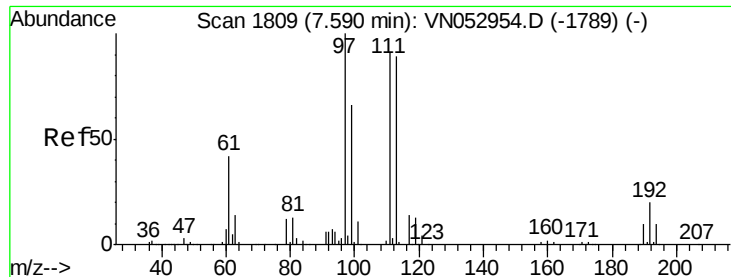
Tot Ion: 65 Resp: 597539
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion: 114 Resp: 1688542
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.4 0.0 31.0

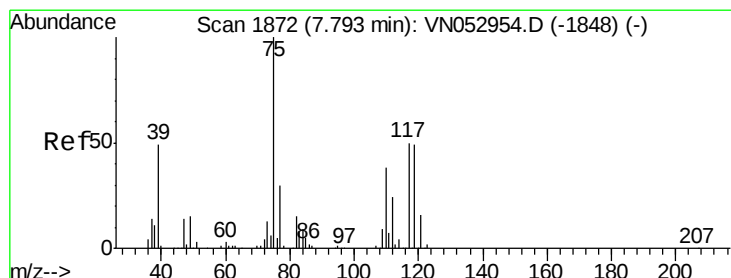
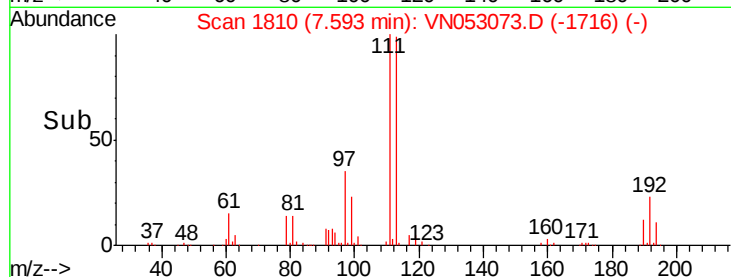
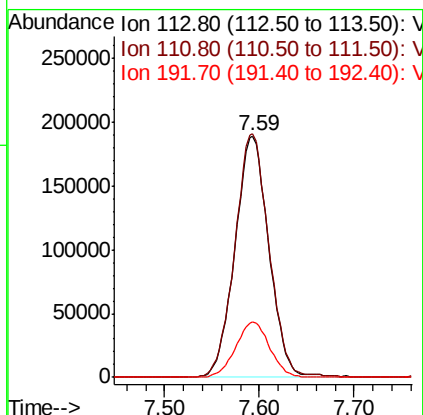
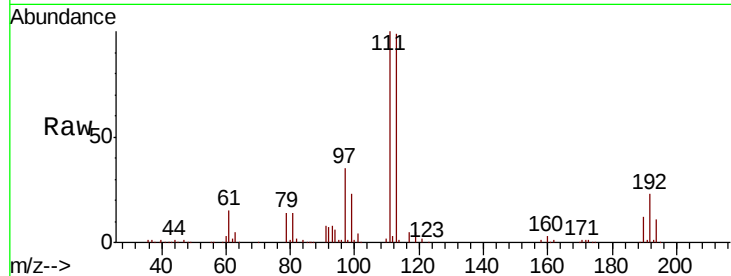




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

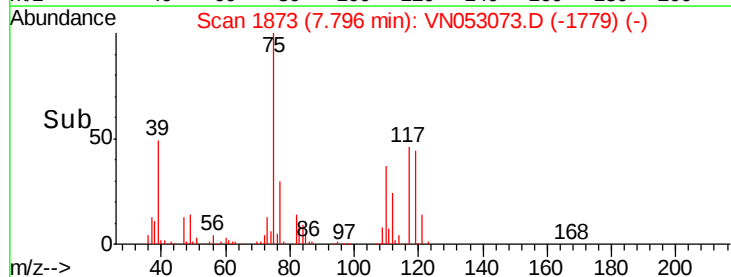
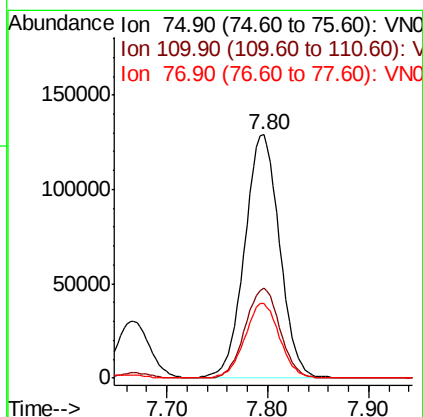
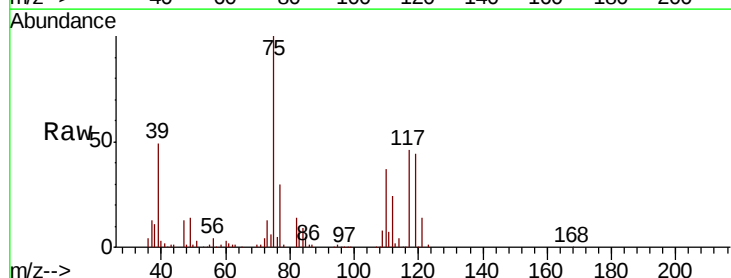
Instrument :
 MSVOA_N
 ClientSampleId :

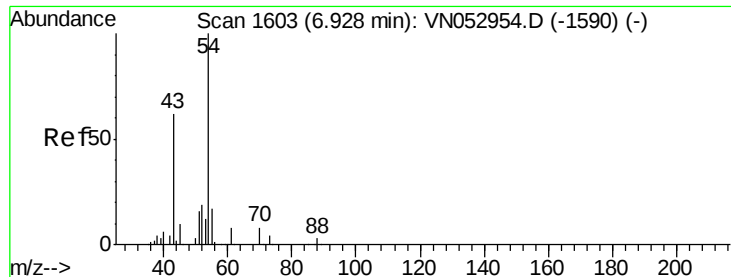
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	23.1	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 18.983 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.2	54.6
77	30.8	24.9	37.3

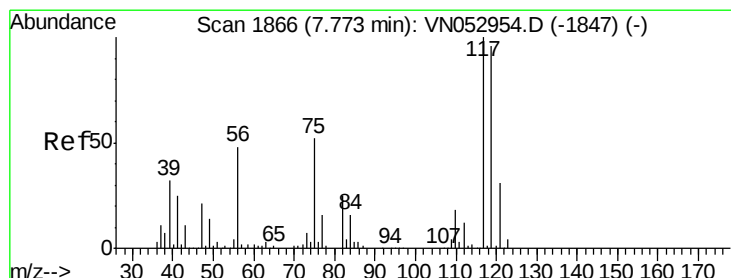
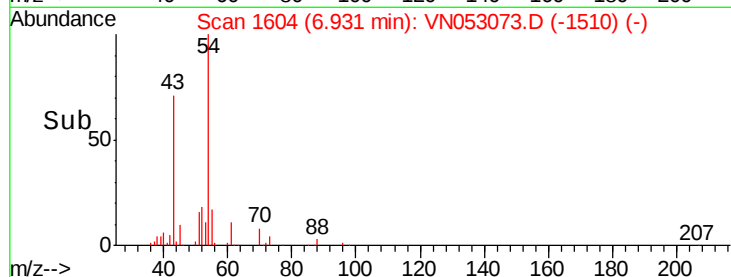
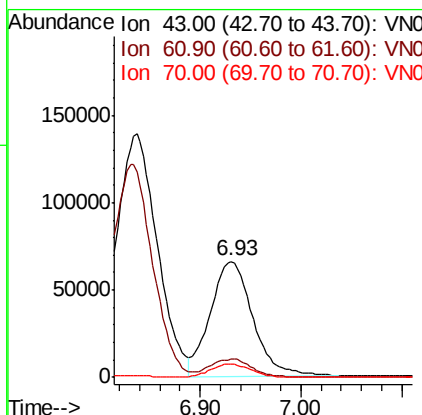
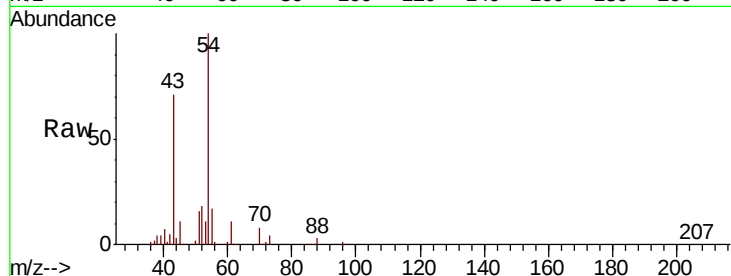




#37
Ethyl Acetate
Concen: 21.305 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

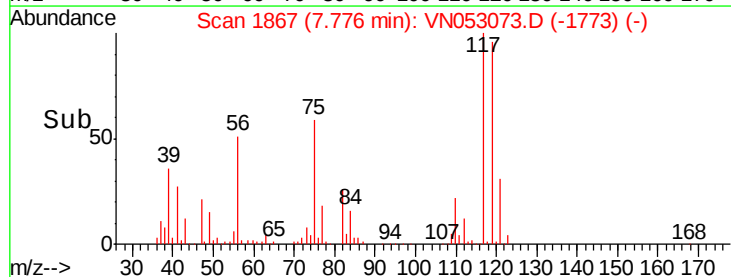
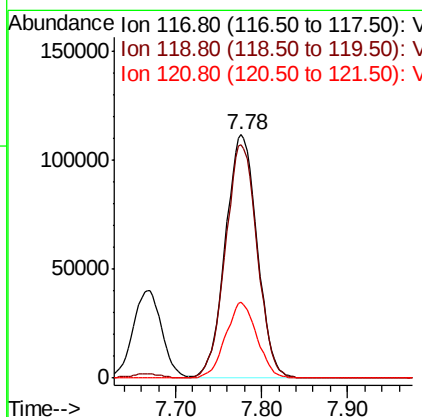
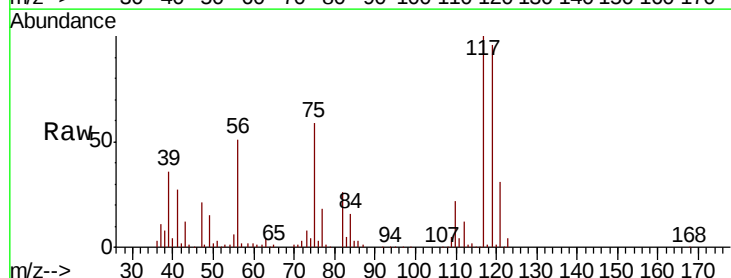
Instrument :
MSVOA_N
ClientSampled :

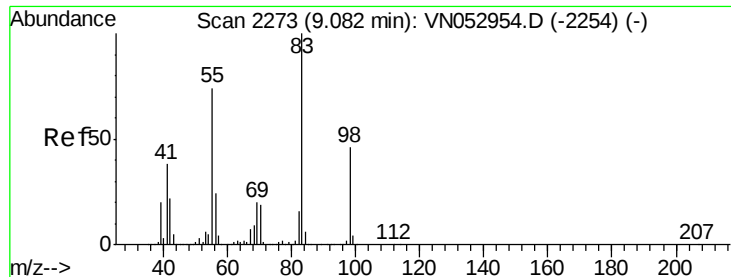
Tot Ion: 43 Resp: 192760
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.314 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 117 Resp: 286910
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
121 31.0 24.9 37.3

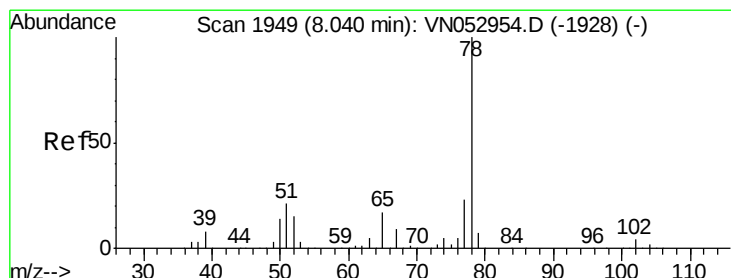
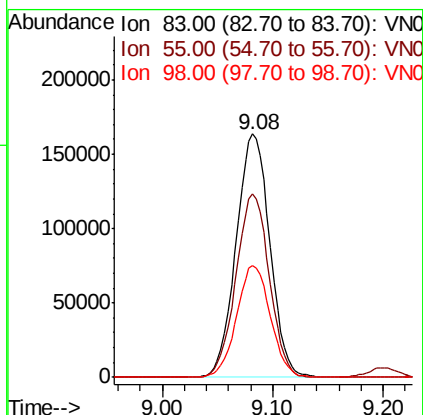
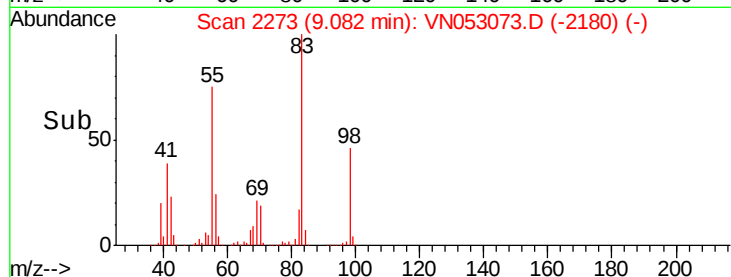
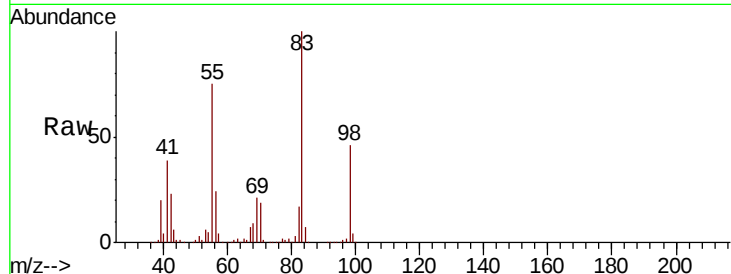




#39
Methvlcvclohexane
Concen: 17.616 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

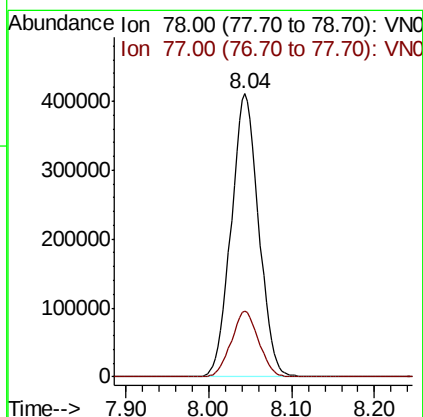
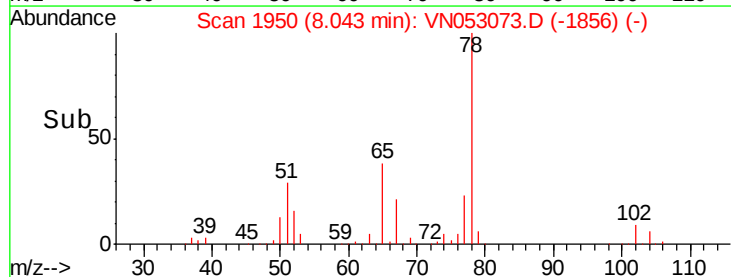
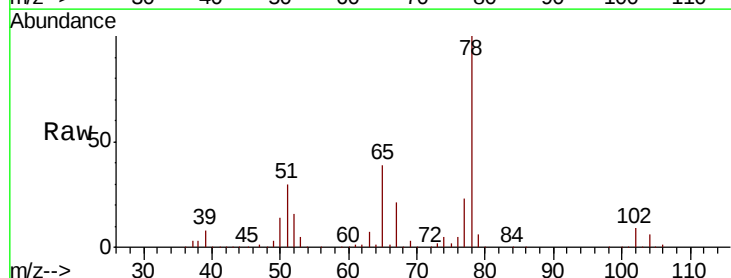
Instrument :
MSVOA_N
ClientSampled :

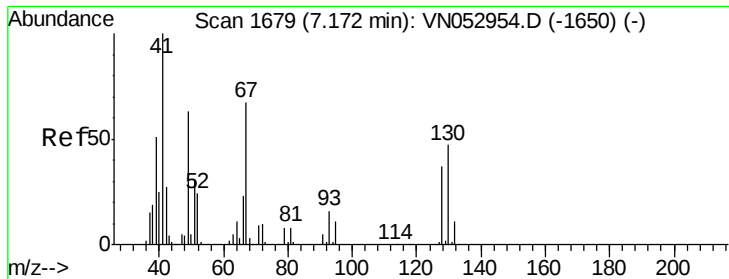
Tot Ion: 83 Resp: 346820
Ion Ratio Lower Upper
83 100
55 75.2 61.3 91.9
98 46.2 37.0 55.4



#40
Benzene
Concen: 19.732 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 78 Resp: 951220
Ion Ratio Lower Upper
78 100
77 23.3 18.5 27.7

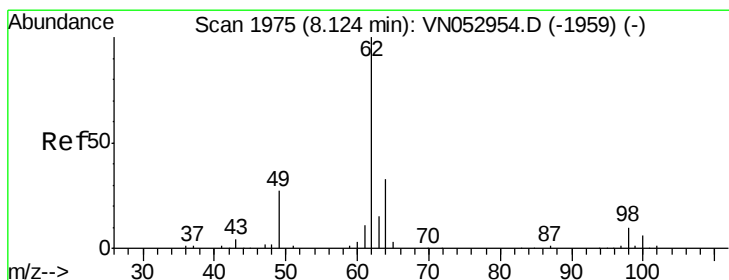
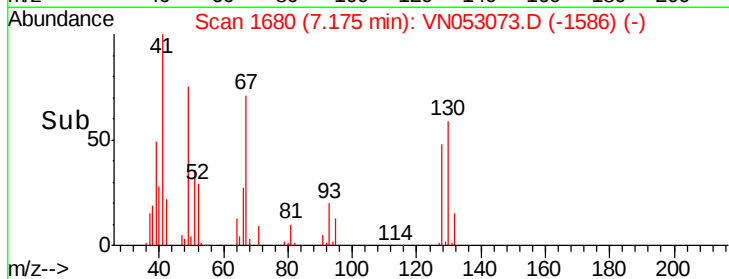
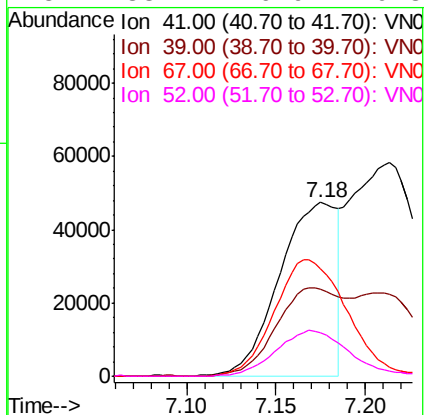
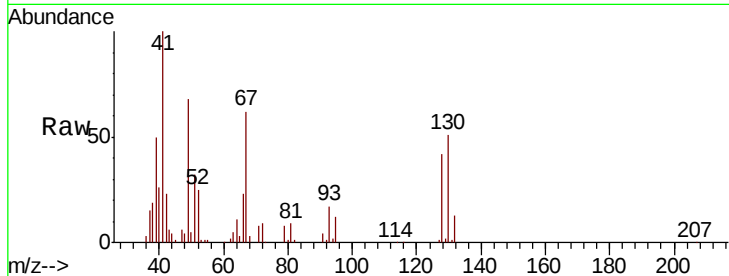




#41
Methacrylonitrile
Concen: 20.400 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

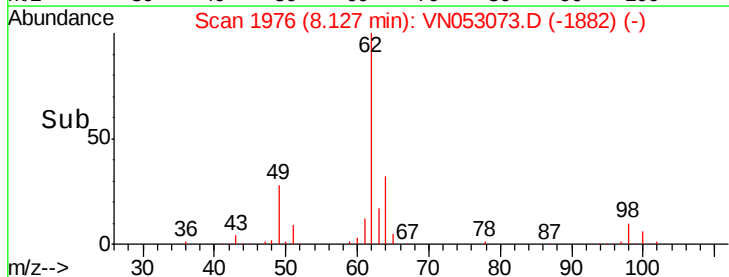
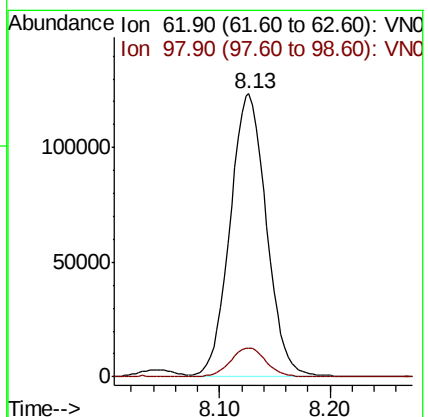
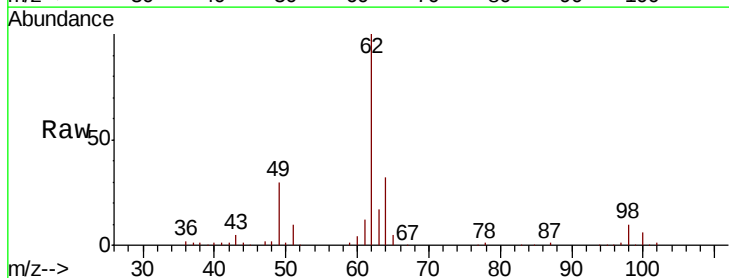
Instrument :
MSVOA_N
ClientSampled :

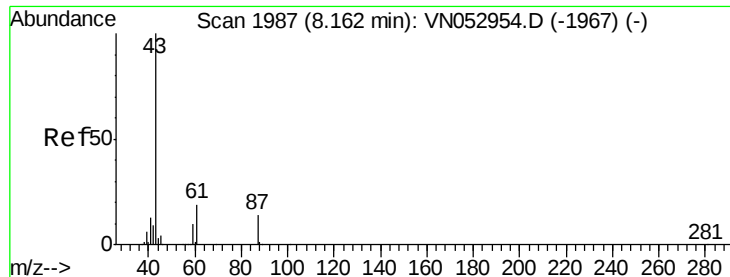
Tot Ion:	41	Resp:	106643
Ion	Ratio	Lower	Upper
41	100		
39	60.0	48.0	72.0
67	85.5	70.3	105.5
52	33.4	26.9	40.3



#42
1,2-Dichloroethane
Concen: 19.695 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:	62	Resp:	280489
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.026 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampleId :

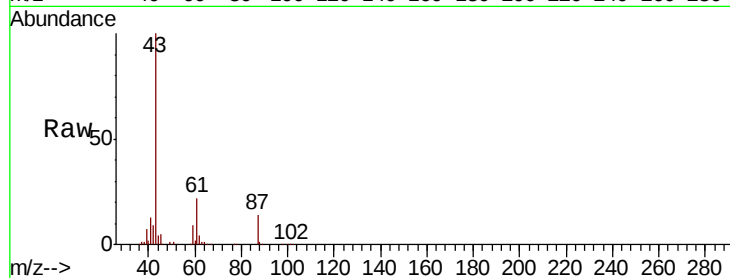
Tot Ion: 43 Resp: 361591

Ion Ratio Lower Upper

43 100

61 28.7 22.9 34.3

87 13.4 10.6 15.8

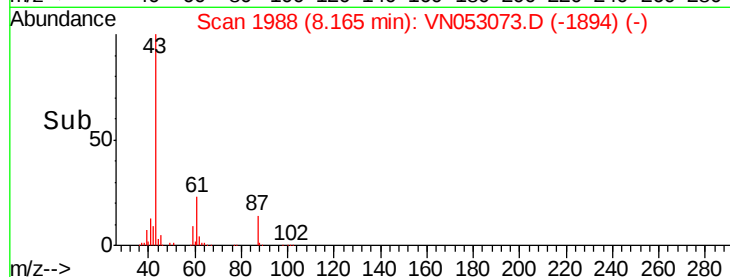


Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)

Time-->



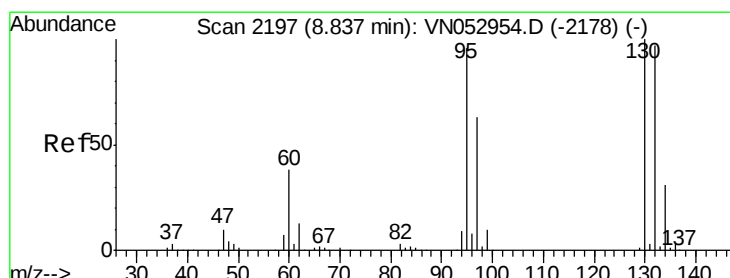
Abundance

Ion 43.00 (42.70 to 43.70): VN053073.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053073.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053073.D (-1894) (-)

Time-->



#44

Trichloroethene

Concen: 18.738 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053073.D

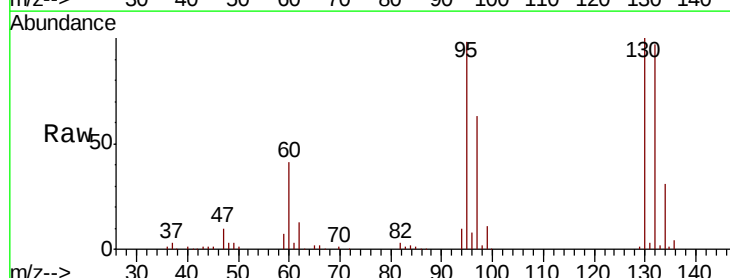
Acq: 20 Dec 2018 23:28

Tgt Ion: 130 Resp: 261281

Ion Ratio Lower Upper

130 100

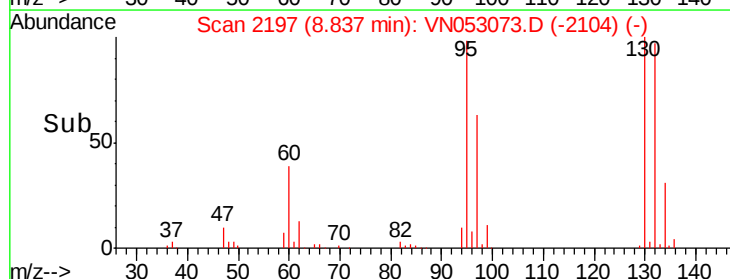
95 98.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

Time-->

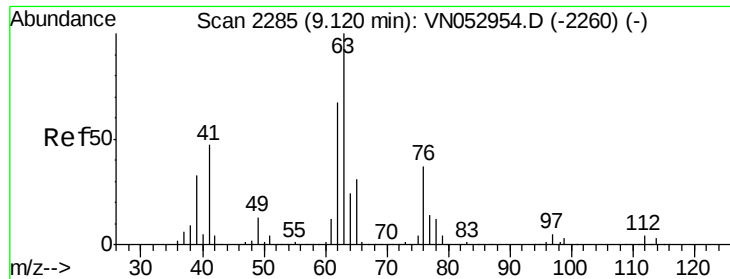


Abundance

Ion 129.80 (129.50 to 130.50): VN053073.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053073.D (-2104) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

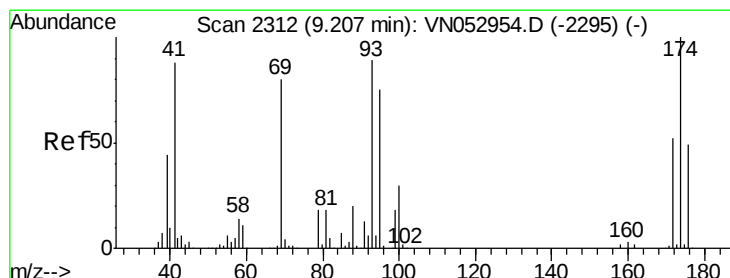
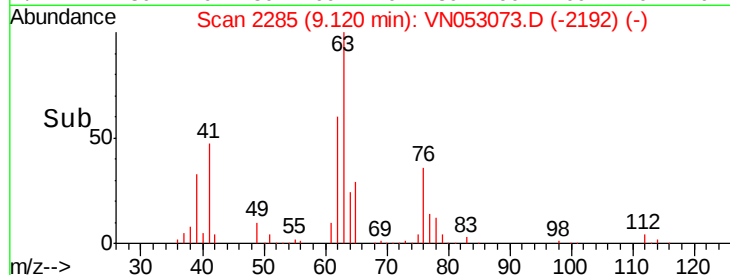
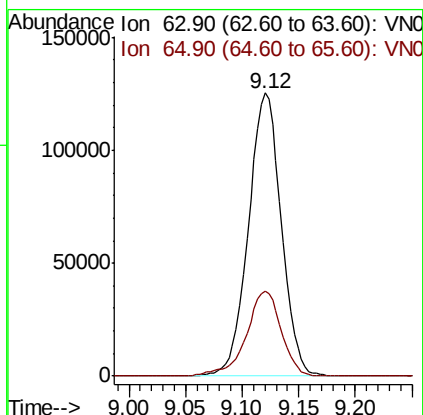
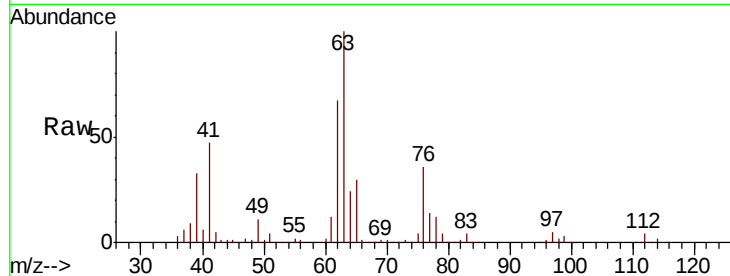
ClientSampled :

Tot Ion: 63 Resp: 252839

Ion Ratio Lower Upper

63 100

65 29.8 24.6 37.0



#46

Dibromomethane

Concen: 19.860 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

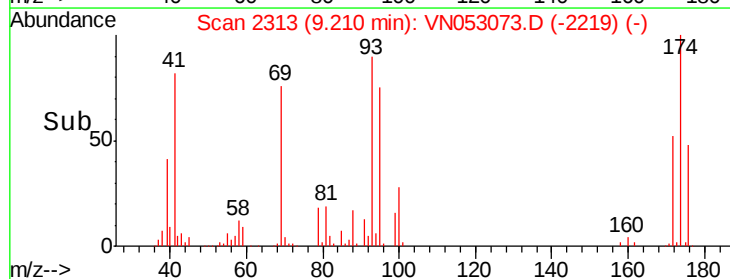
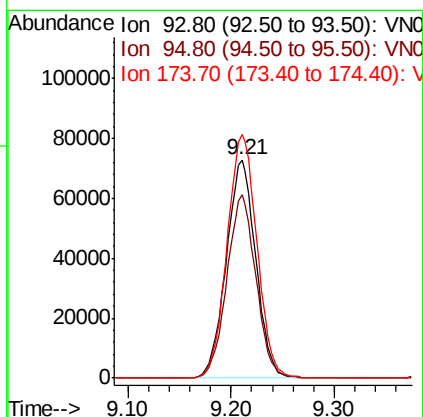
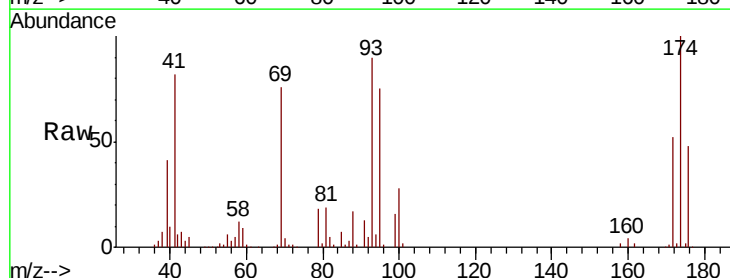
Tgt Ion: 93 Resp: 145273

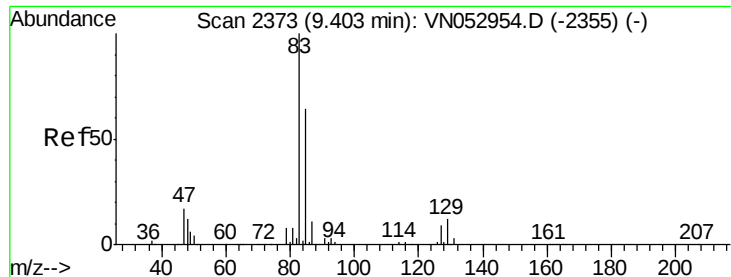
Ion Ratio Lower Upper

93 100

95 82.5 67.8 101.6

174 112.8 89.0 133.4

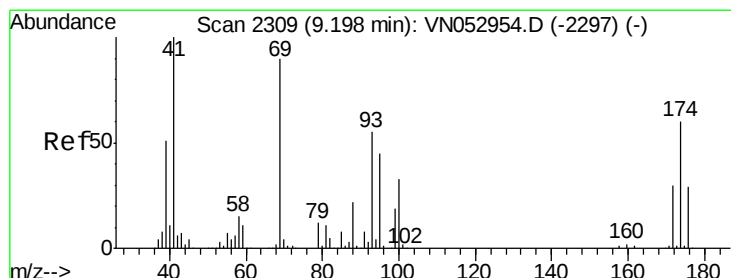
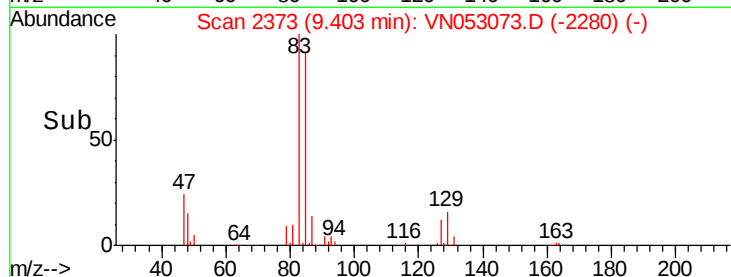
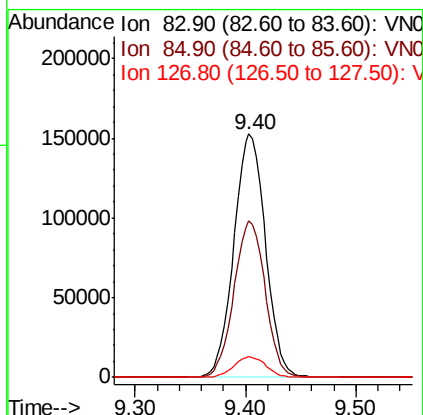
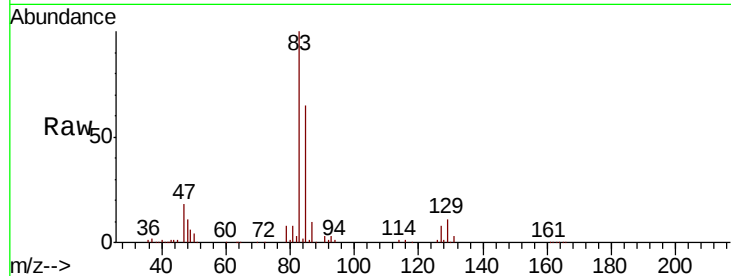




#47
Bromodichloromethane
Concen: 19.503 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

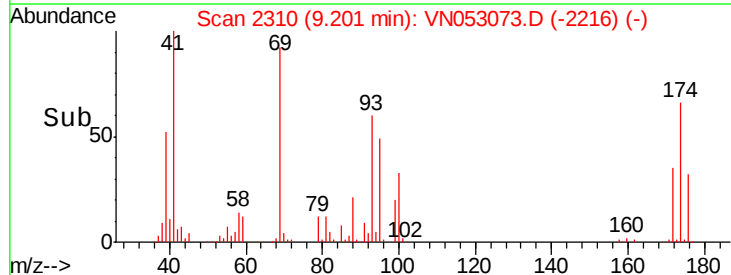
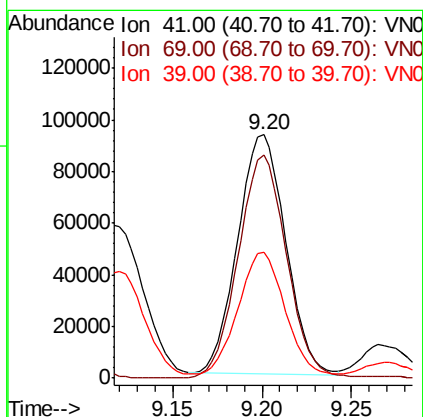
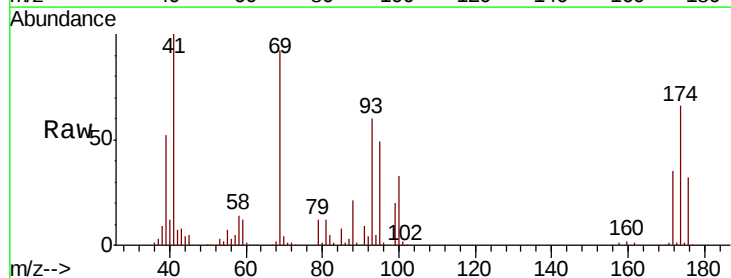
Instrument :
MSVOA_N
ClientSampleId :

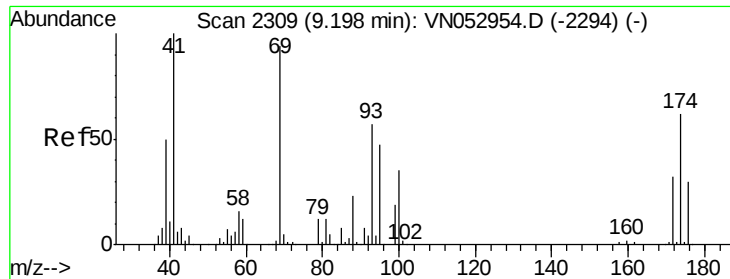
Tot Ion	83	Resp	303245
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.6	77.4
127	8.4	7.1	10.7



#48
Methyl methacrylate
Concen: 19.909 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion	41	Resp	174793
Ion Ratio	Lower	Upper	
41	100		
69	94.5	72.2	108.2
39	52.4	41.9	62.9

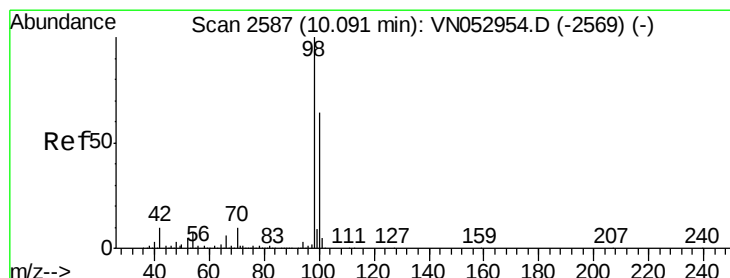
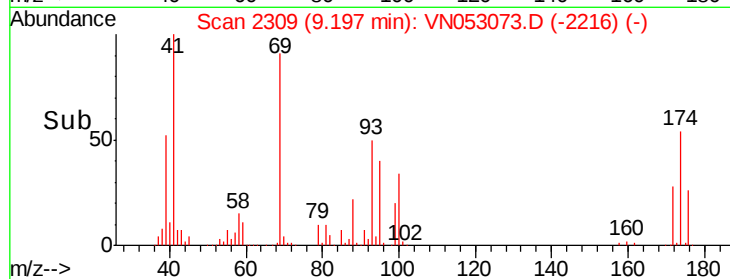
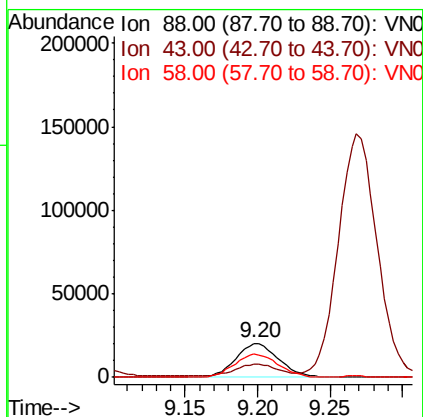
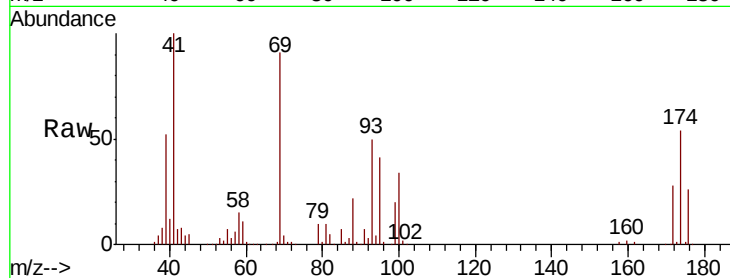




#49
 1,4-Dioxane
 Concen: 372.620 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

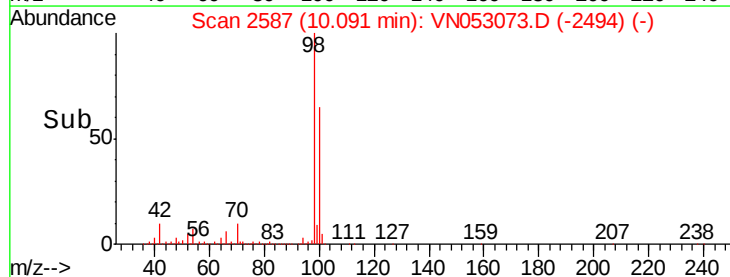
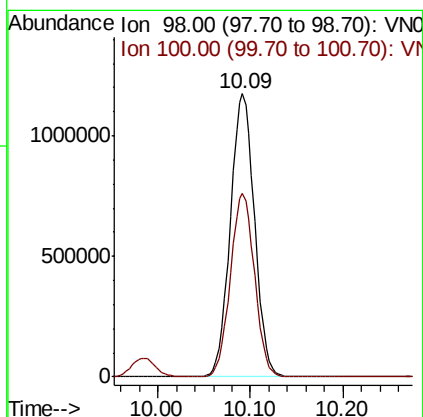
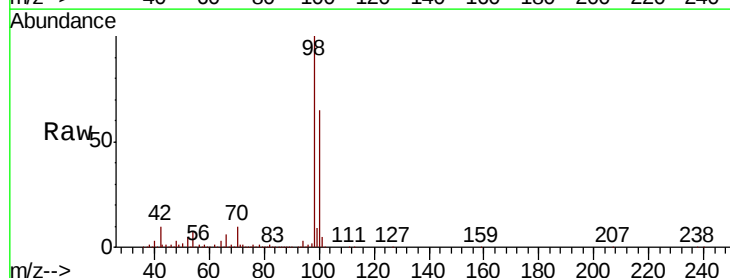
Instrument :
 MSVOA_N
 ClientSampled :

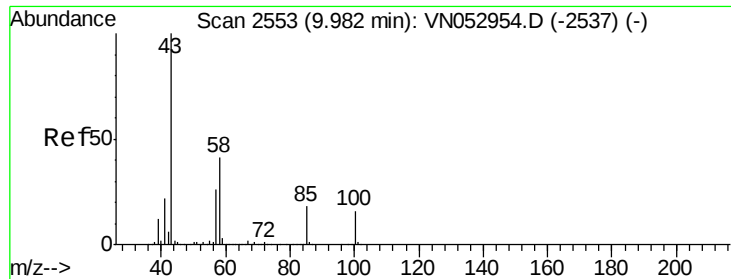
Tot Ion: 88 Resp: 41382
 Ion Ratio Lower Upper
 88 100
 43 34.5 26.6 40.0
 58 70.2 58.4 87.6



#50
 Toluene-d8
 Concen: 372.620 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion: 98 Resp: 2118057
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 104.698 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

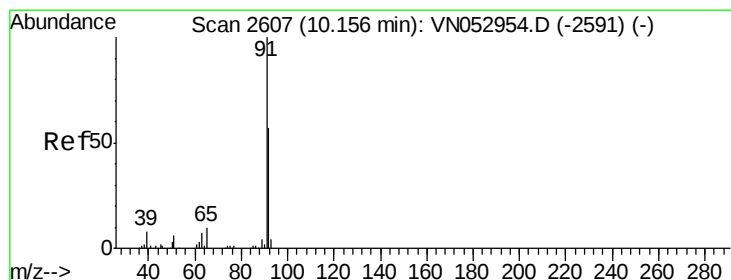
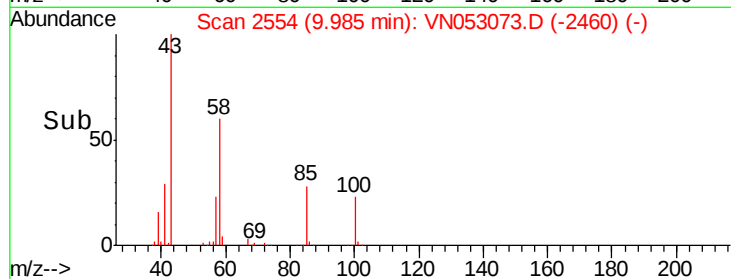
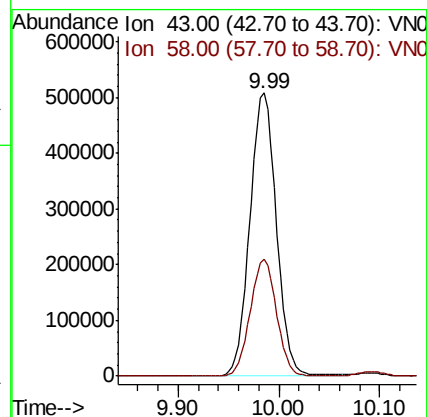
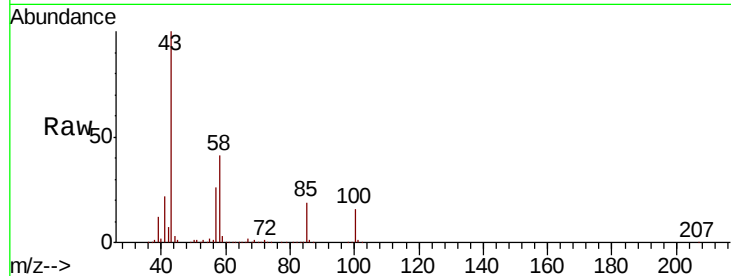
ClientSampled :

Tot Ion: 43 Resp: 917350

Ion Ratio Lower Upper

43 100

58 41.2 32.2 48.4



#52

Toluene

Concen: 19.255 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053073.D

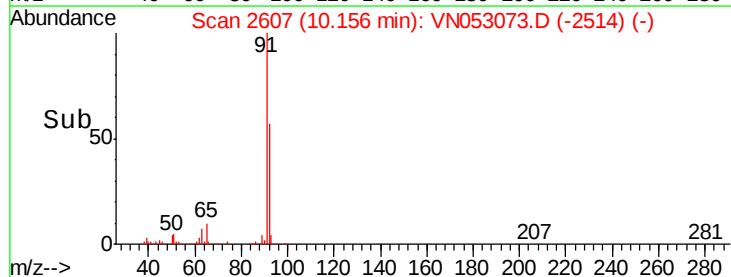
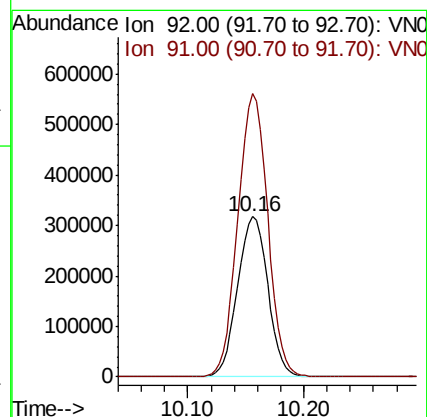
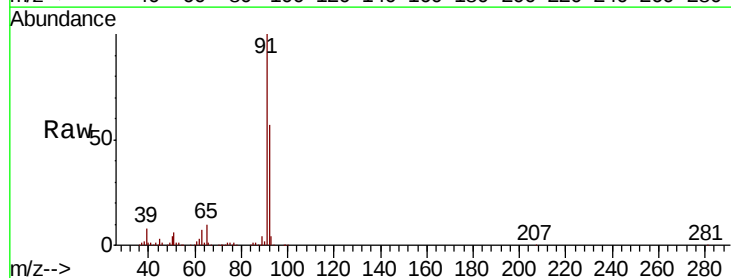
Acq: 20 Dec 2018 23:28

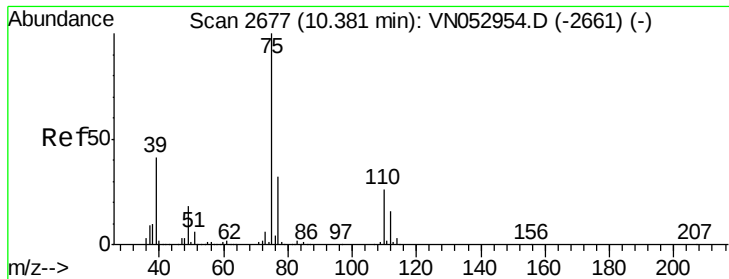
Tgt Ion: 92 Resp: 575360

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6

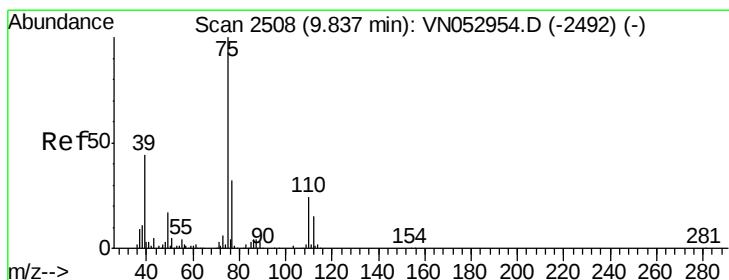
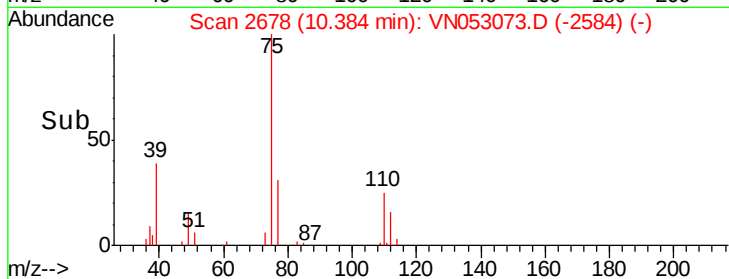
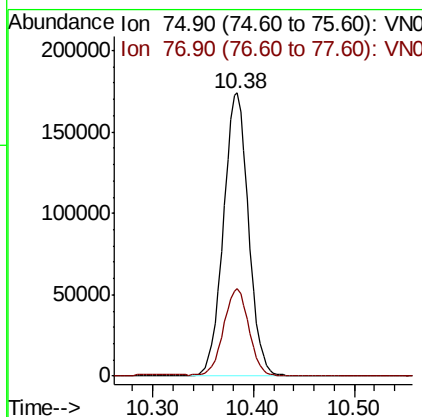
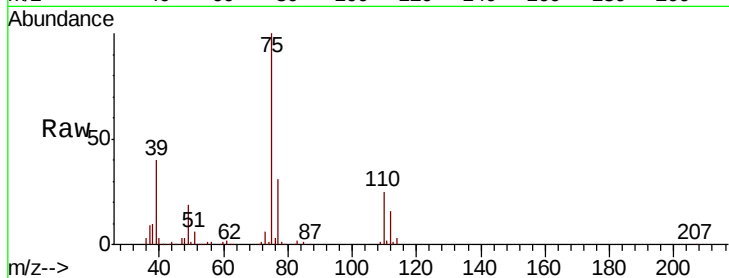




#53
t-1,3-Dichloropropene
Concen: 18.506 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

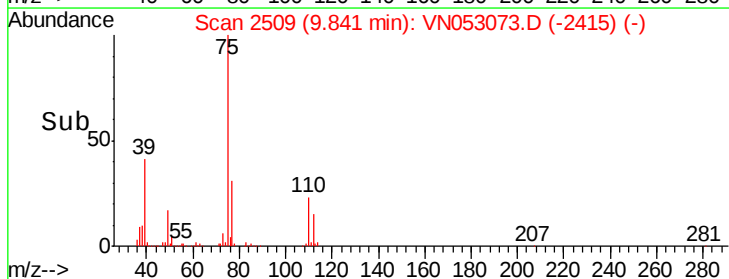
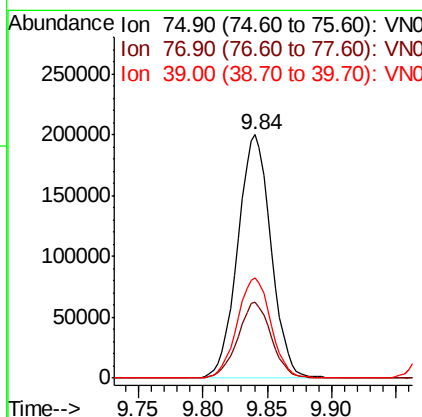
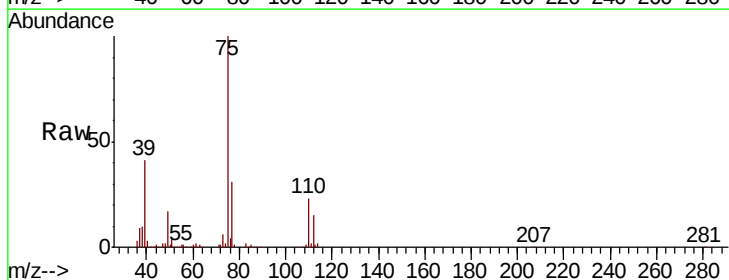
Instrument :
MSVOA_N
ClientSampleId :

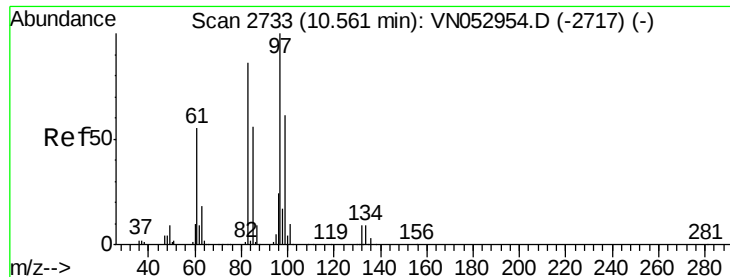
Tot Ion: 75 Resp: 302583
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.086 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 75 Resp: 358187
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 40.9 34.8 52.2

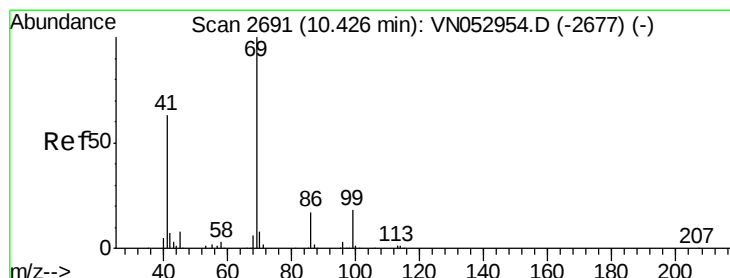
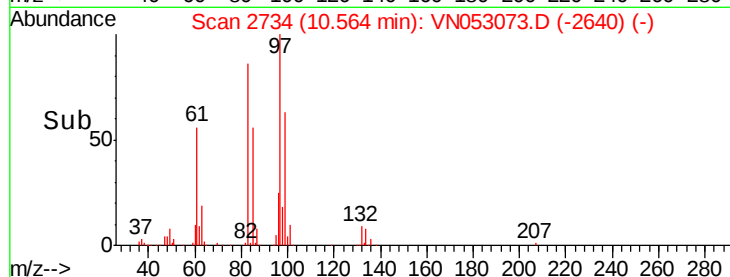
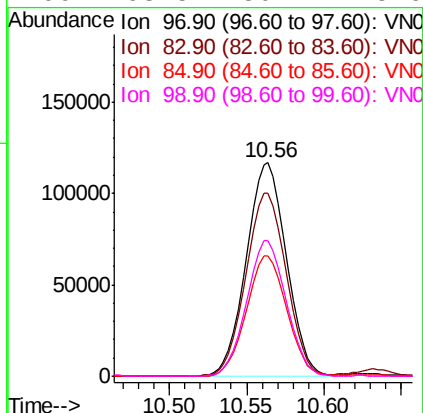
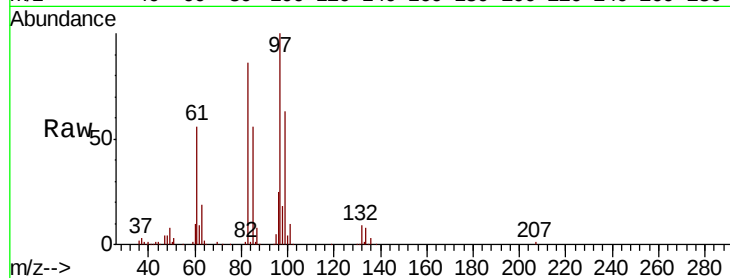




#55
 1,1,2-Trichloroethane
 Concen: 20.283 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

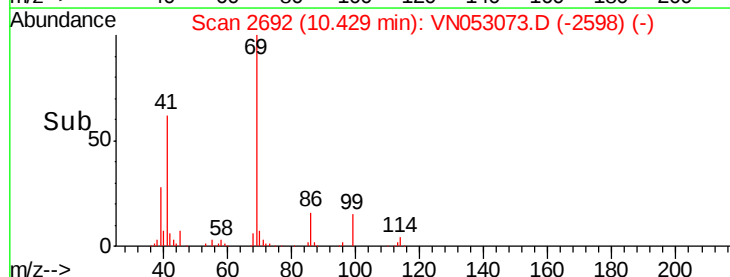
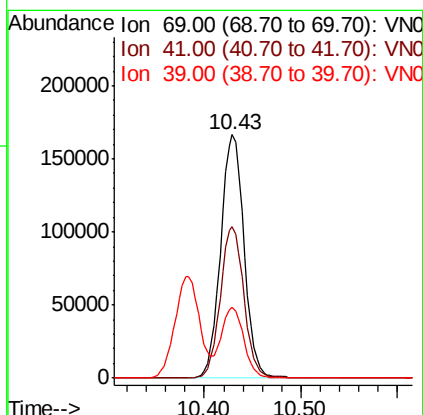
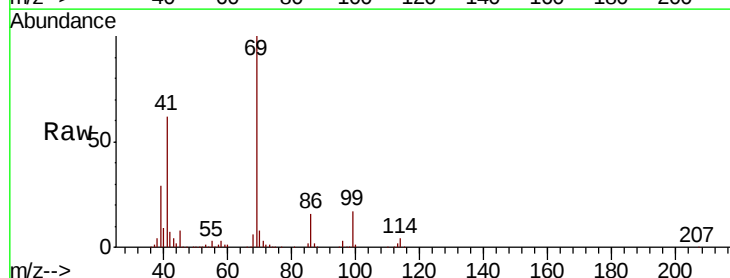
Instrument :
 MSVOA_N
 ClientSampled :

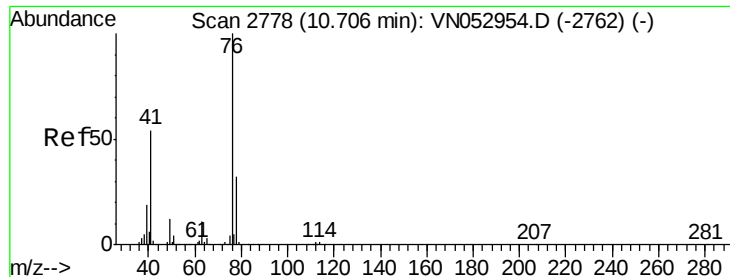
Tot Ion:	97	Resp:	211437
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.9	106.3
85	56.4	45.4	68.2
99	63.5	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 20.279 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion:	69	Resp:	279806
Ion	Ratio	Lower	Upper
69	100		
41	61.7	51.7	77.5
39	28.3	24.6	37.0





#57

1,3-Dichloropropane

Concen: 20.010 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

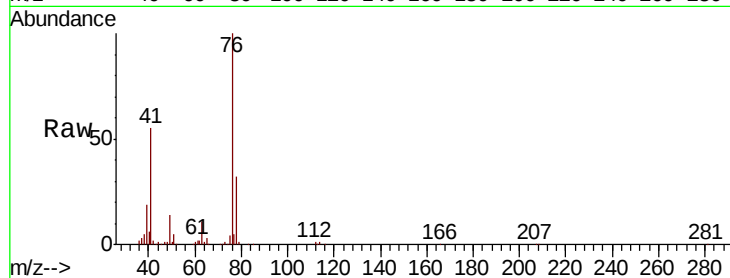
ClientSampleId :

Tot Ion: 76 Resp: 357704

Ion Ratio Lower Upper

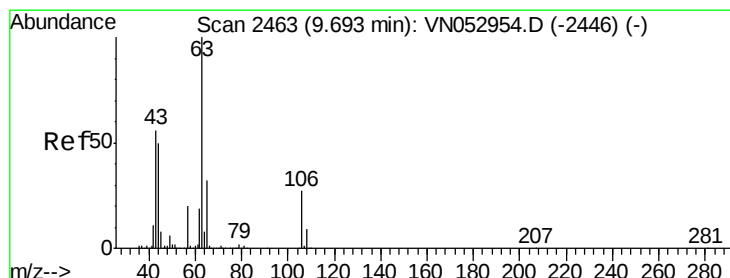
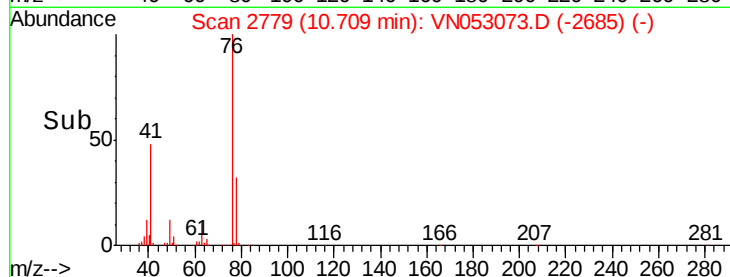
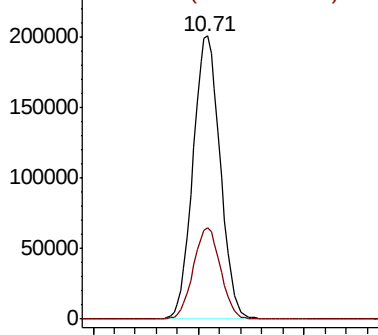
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 103.607 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053073.D

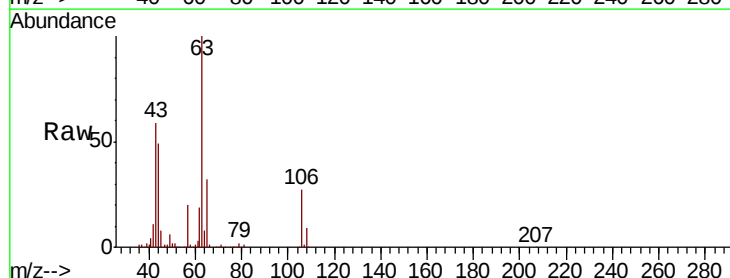
Acq: 20 Dec 2018 23:28

Tgt Ion: 63 Resp: 784809

Ion Ratio Lower Upper

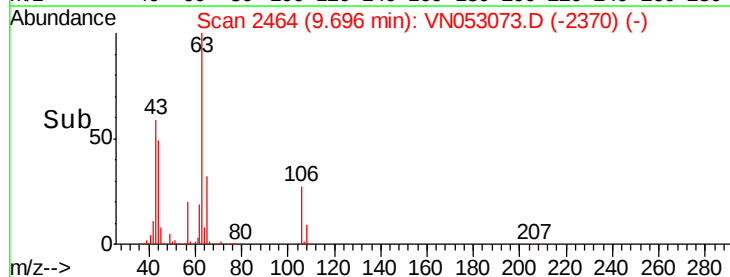
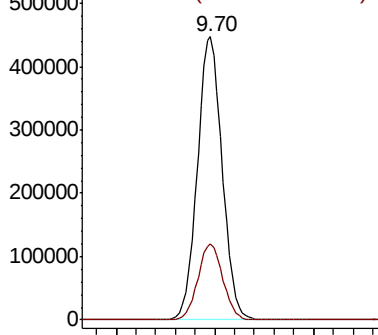
63 100

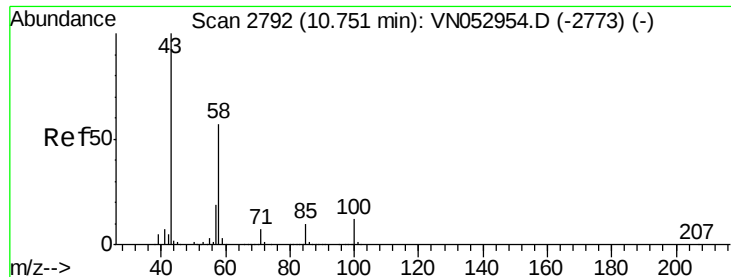
106 27.1 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

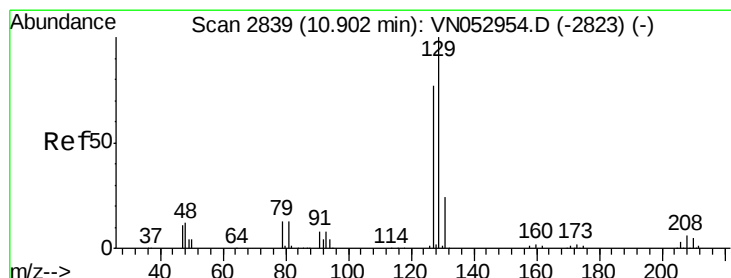
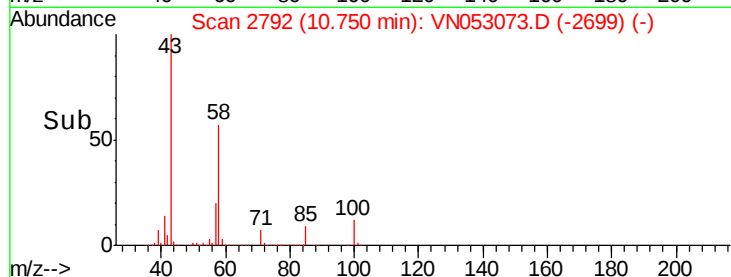
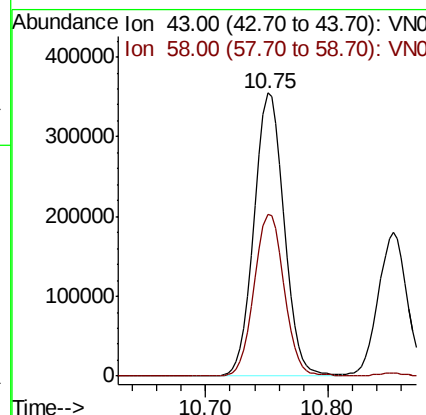
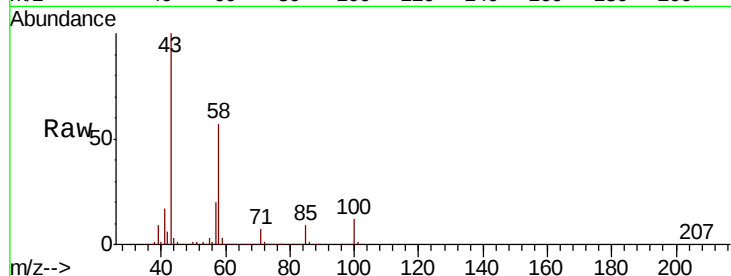




#59
2-Hexanone
Concen: 101.086 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

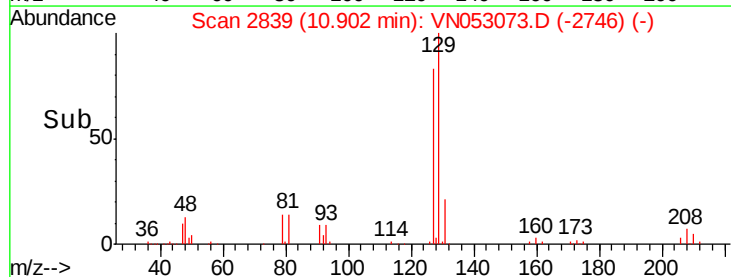
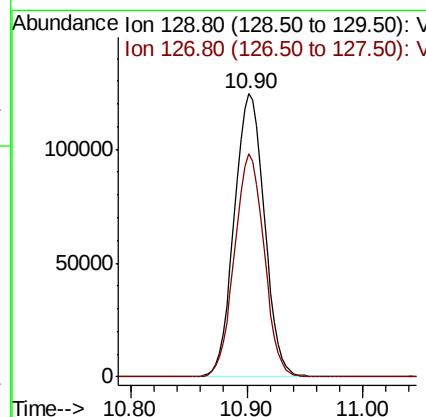
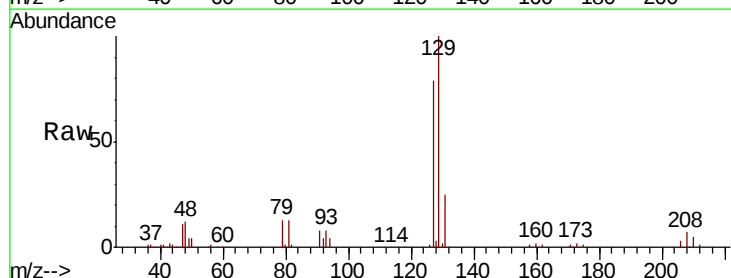
Instrument :
MSVOA_N
ClientSampleId :

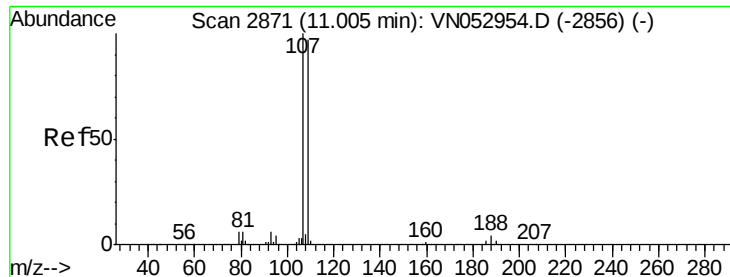
Tot Ion: 43 Resp: 599253
Ion Ratio Lower Upper
43 100
58 57.4 28.1 84.3



#60
Dibromochloromethane
Concen: 18.827 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 129 Resp: 224647
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

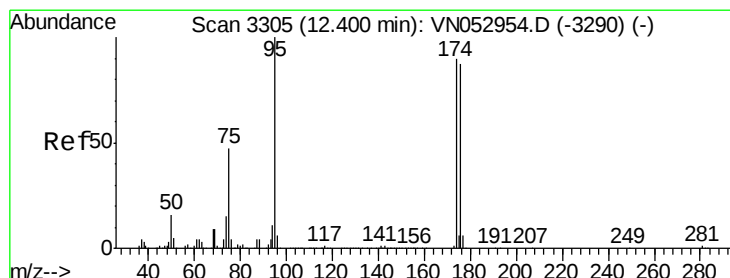
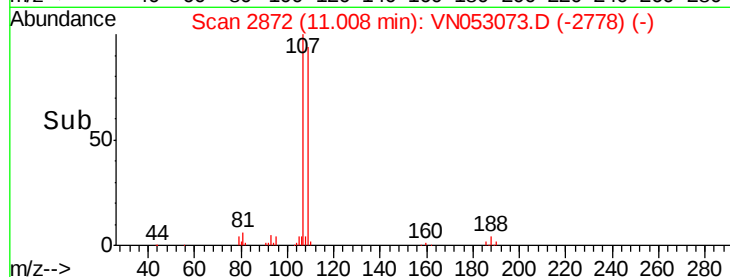
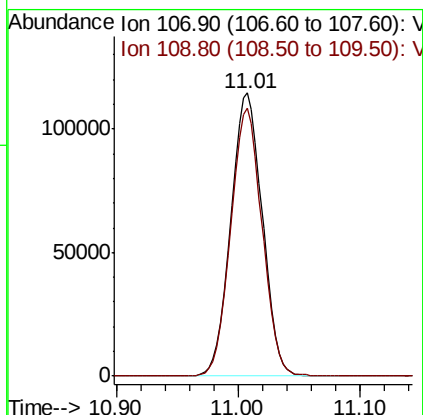
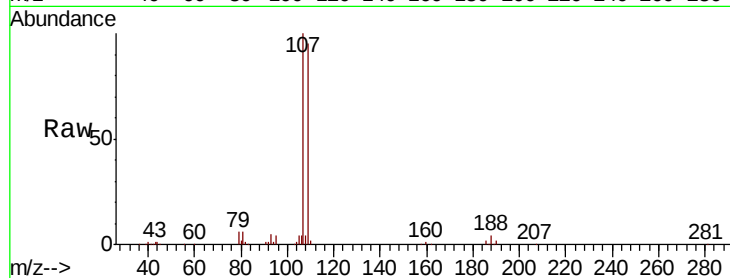




#61
 1,2-Dibromoethane
 Concen: 19.419 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

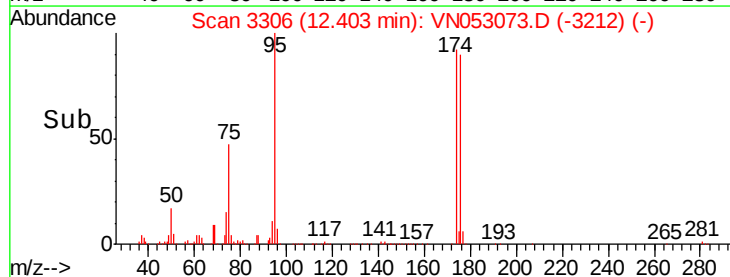
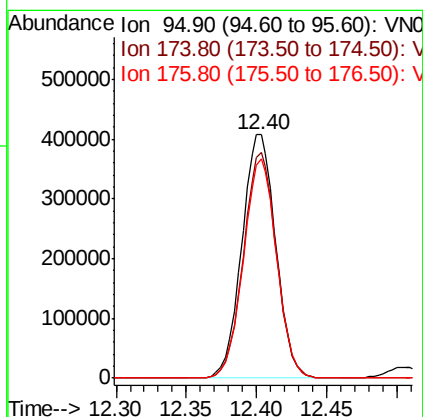
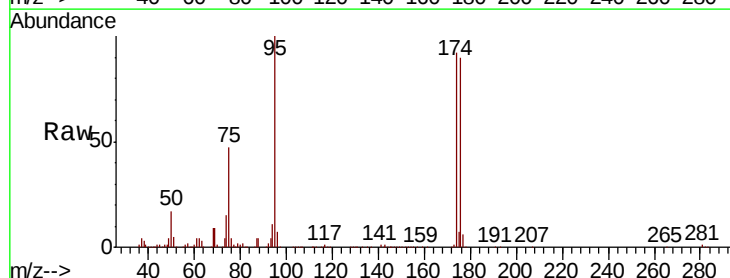
Instrument :
 MSVOA_N
 ClientSampled :

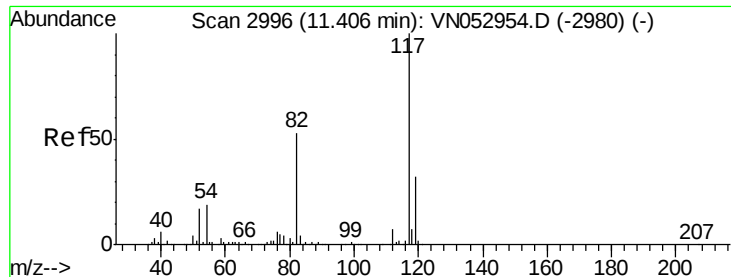
Tot Ion: 107 Resp: 205589
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 19.419 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion: 95 Resp: 685506
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 178.8
 176 88.2 0.0 173.8

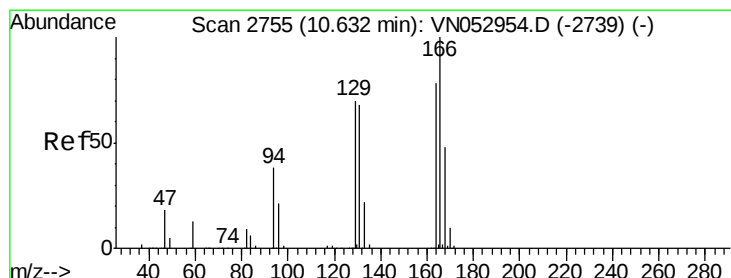
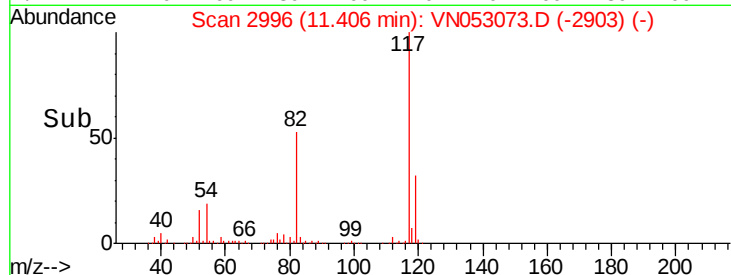
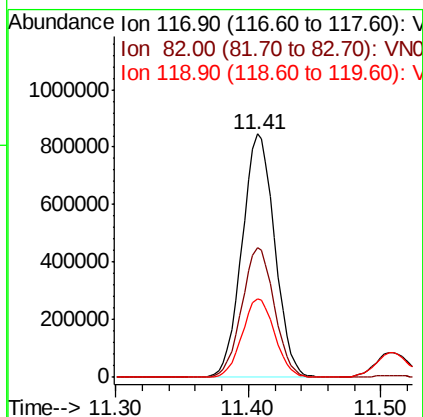
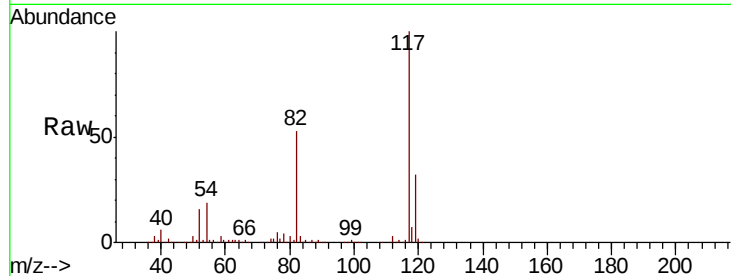




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

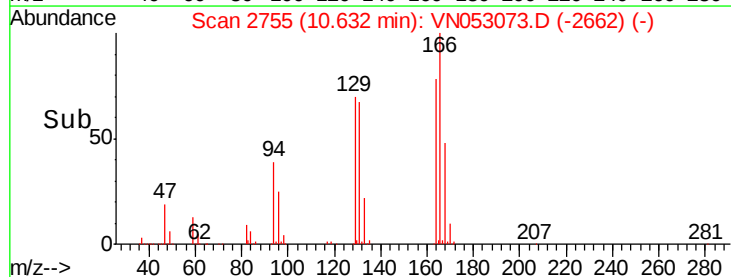
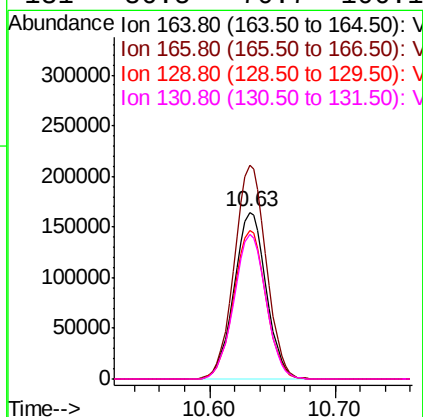
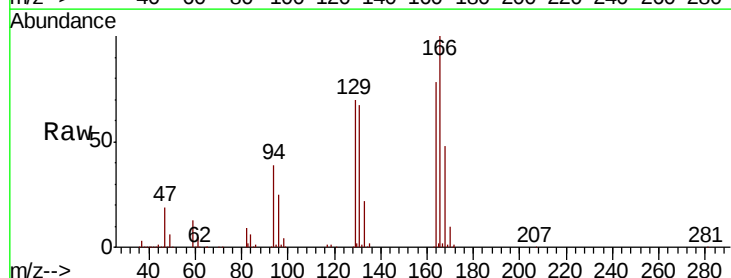
Instrument :
MSVOA_N
ClientSampled :

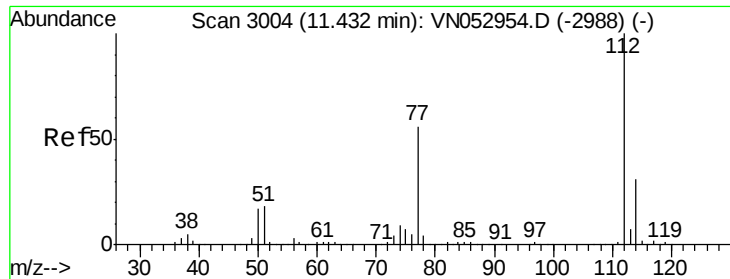
Tot Ion:117 Resp: 1444825
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 18.663 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:164 Resp: 292083
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 89.1 73.7 110.5
131 86.5 70.7 106.1

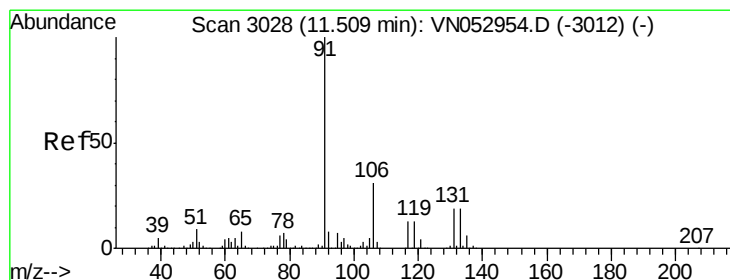
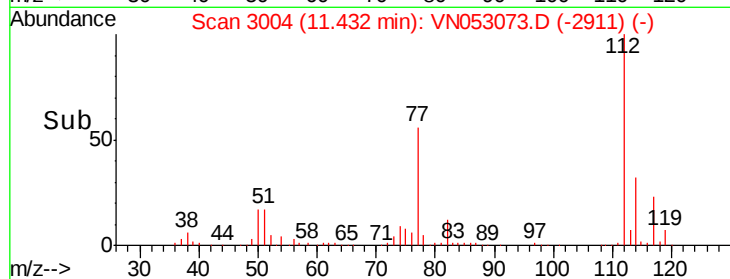
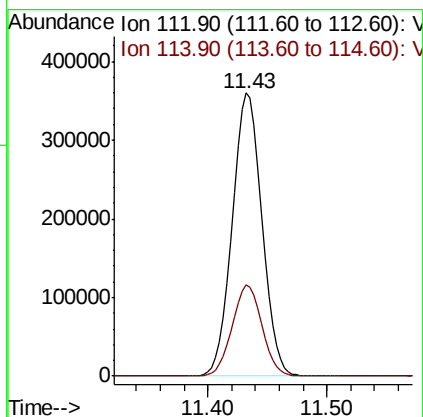
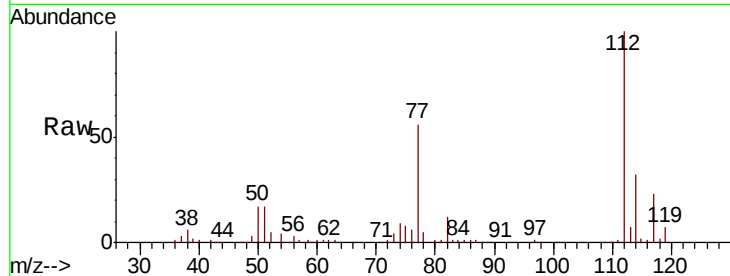




#65
Chlorobenzene
Concen: 19.417 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

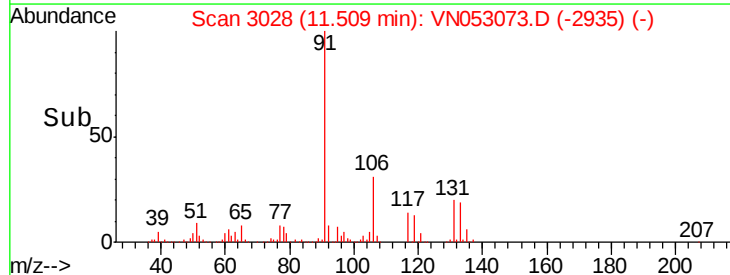
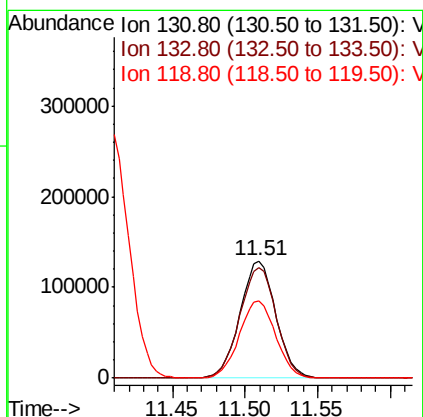
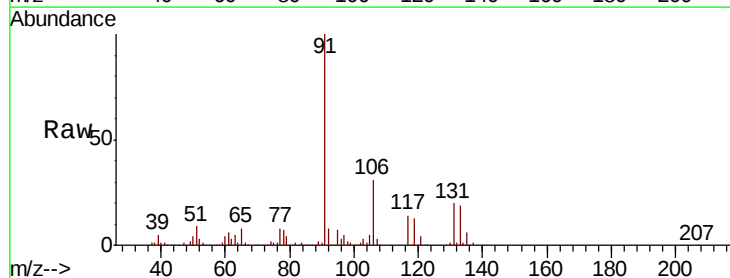
Instrument :
MSVOA_N
ClientSampled :

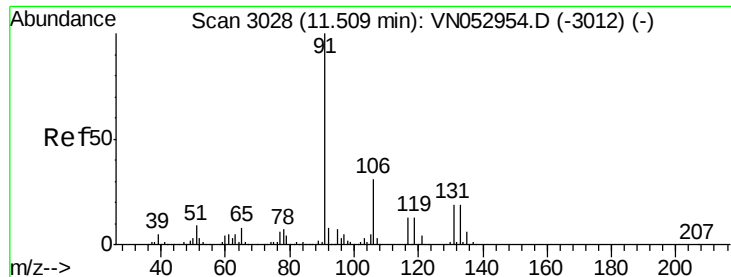
Tot Ion:112 Resp: 621866
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.894 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:131 Resp: 221575
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 67.2 33.3 99.8

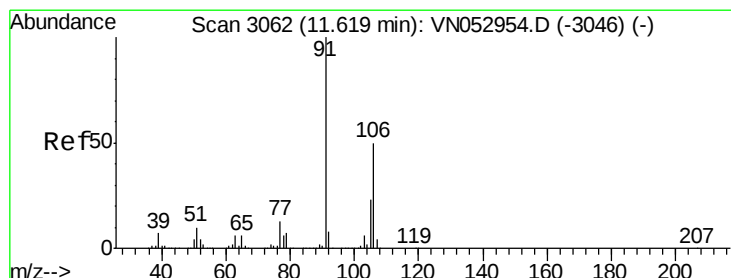
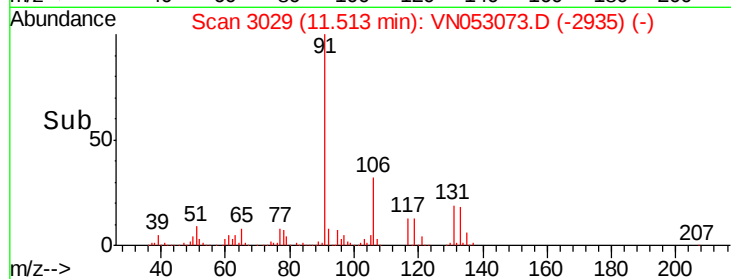
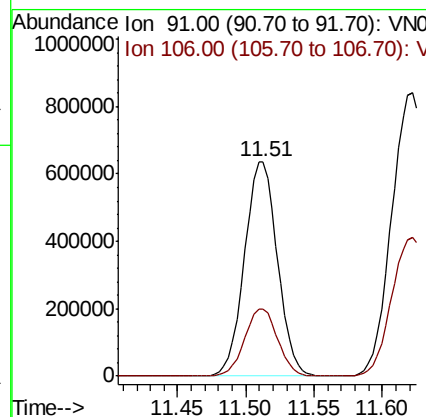
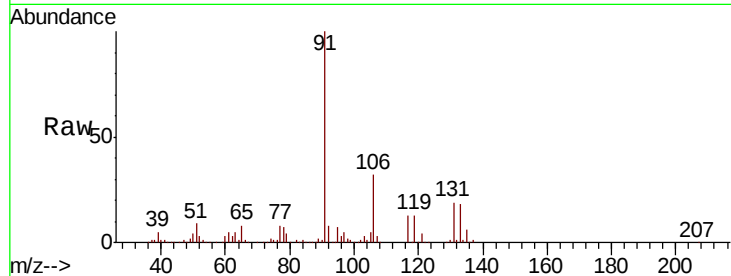




#67
Ethyl Benzene
Concen: 19.322 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

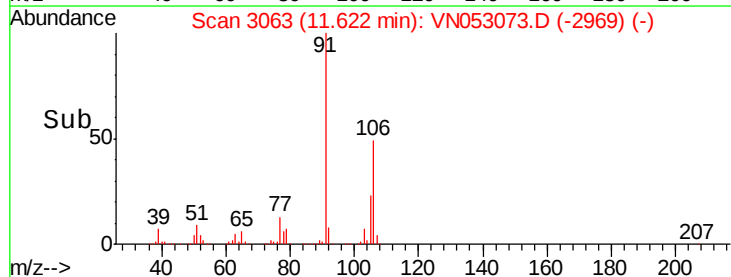
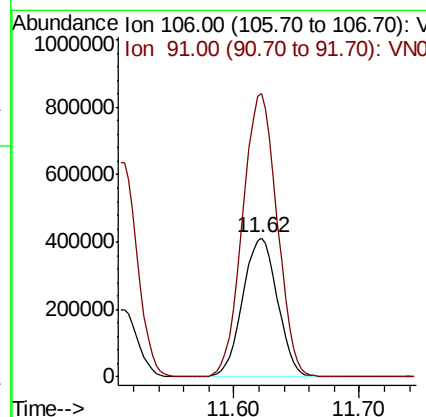
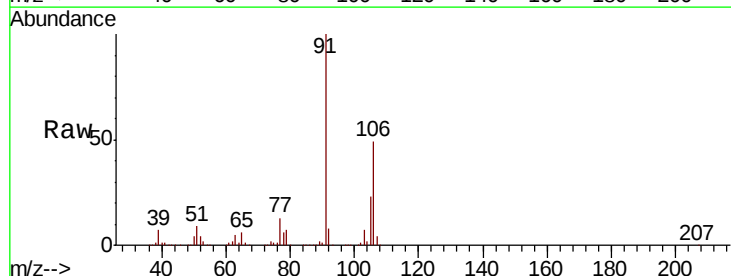
Instrument :
MSVOA_N
ClientSampled :

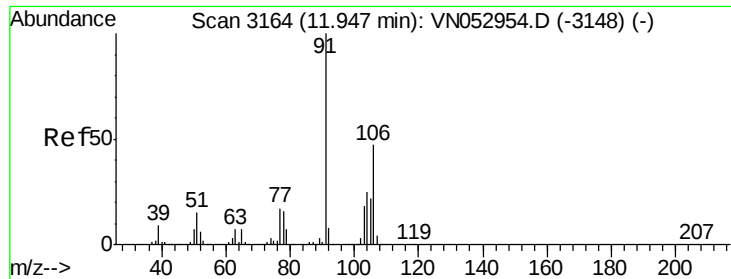
Tot Ion: 91 Resp: 1064252
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 37.871 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 106 Resp: 792969
Ion Ratio Lower Upper
106 100
91 202.6 162.2 243.4

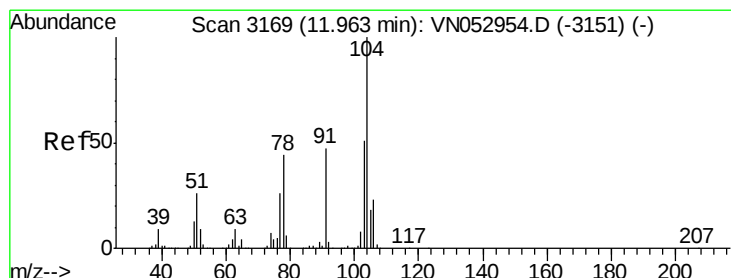
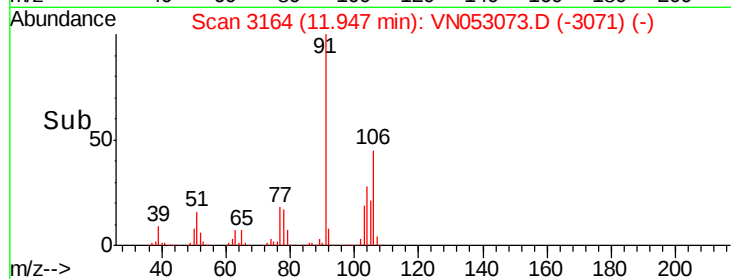
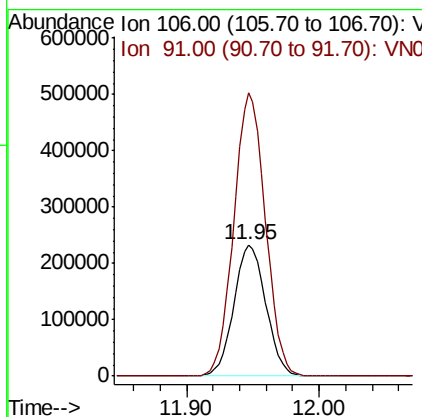
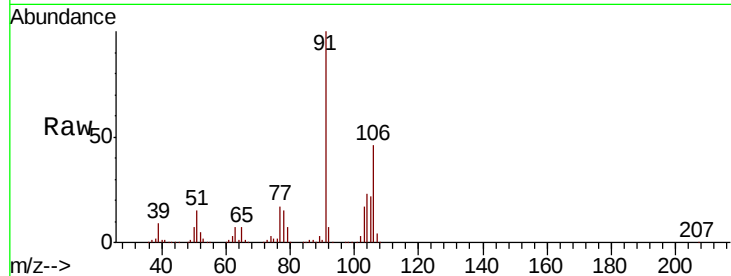




#69
o-Xylene
Concen: 19.346 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

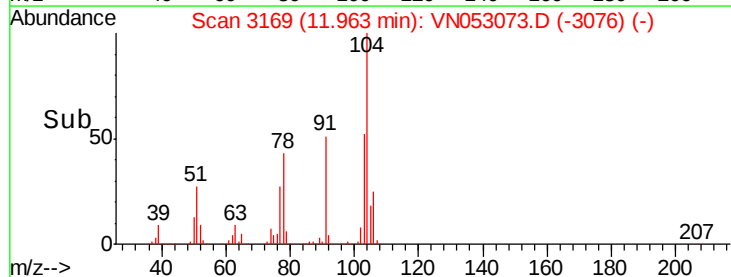
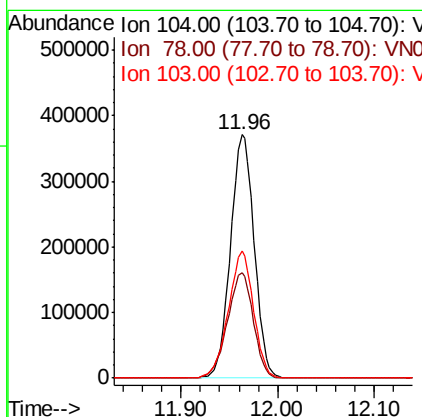
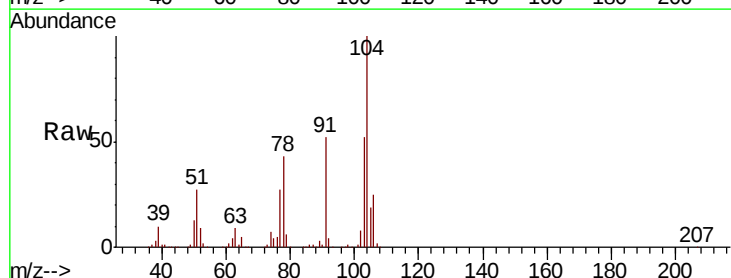
Instrument :
MSVOA_N
ClientSampled :

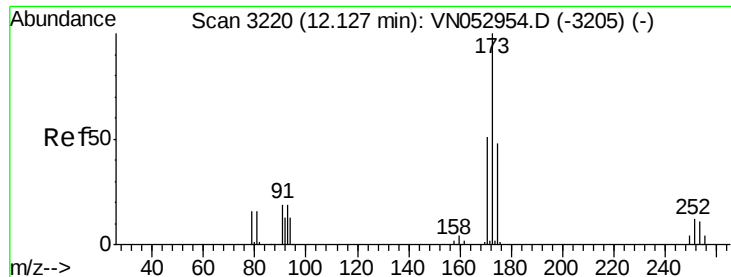
Tot Ion:106 Resp: 388706
Ion Ratio Lower Upper
106 100
91 213.6 106.6 319.8



#70
Styrene
Concen: 19.272 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:104 Resp: 631414
Ion Ratio Lower Upper
104 100
78 47.2 38.9 58.3
103 55.3 44.3 66.5

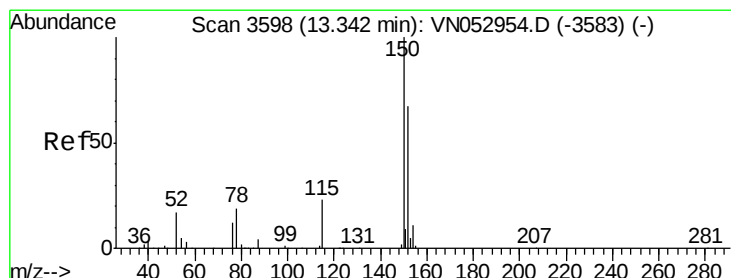
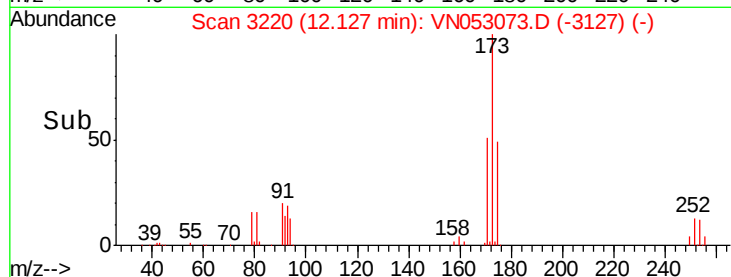
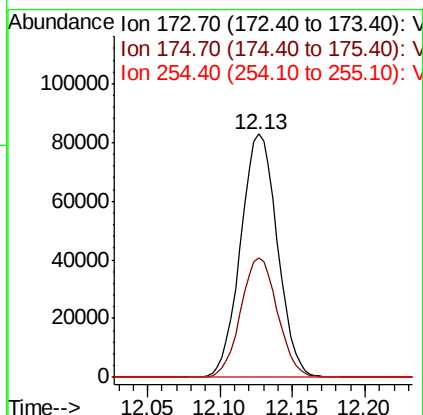
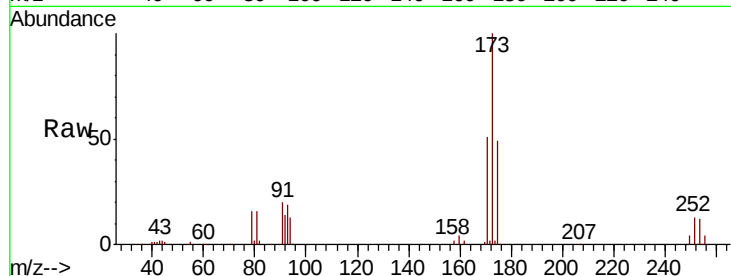




#71
Bromoform
Concen: 18.224 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

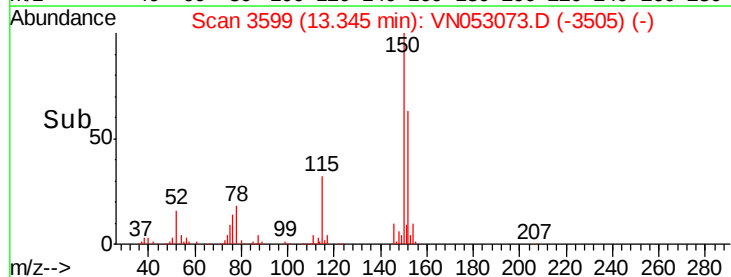
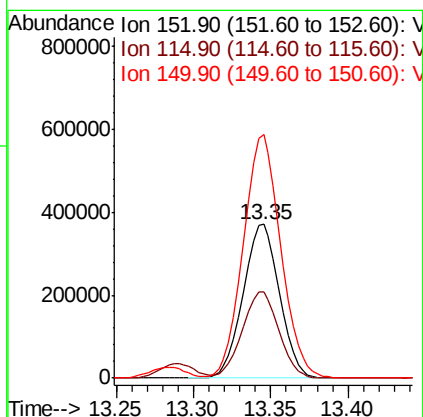
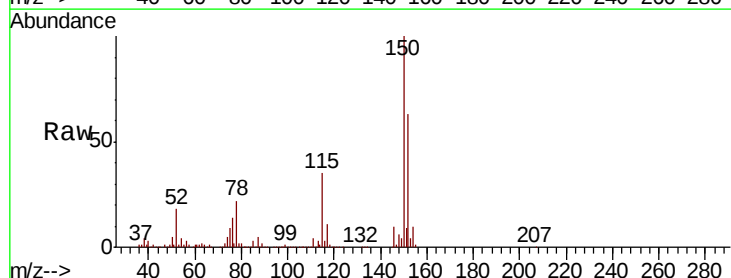
Instrument :
MSVOA_N
ClientSampled :

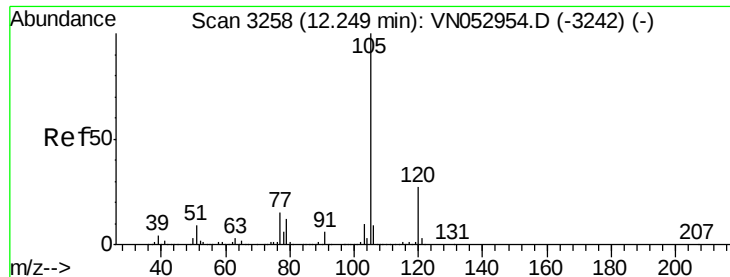
Tot Ion:173 Resp: 146627
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:152 Resp: 605404
Ion Ratio Lower Upper
152 100
115 56.5 28.3 85.0
150 163.7 0.0 347.8





#73

Isopropylbenzene

Concen: 21.694 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

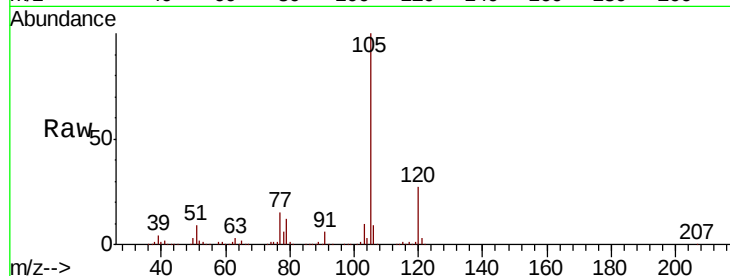
ClientSampled :

Tot Ion:105 Resp: 1027593

Ion Ratio Lower Upper

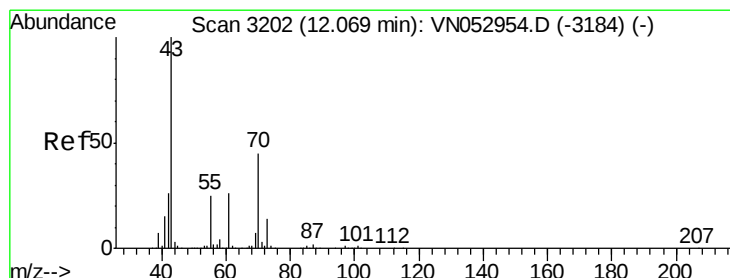
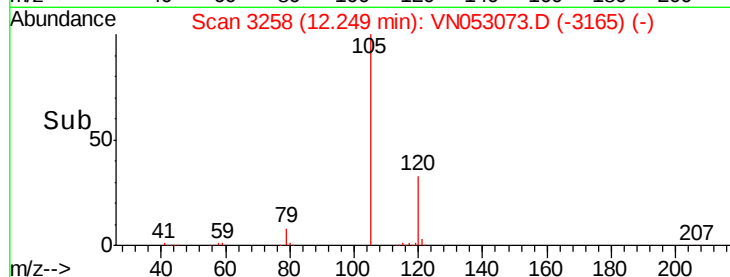
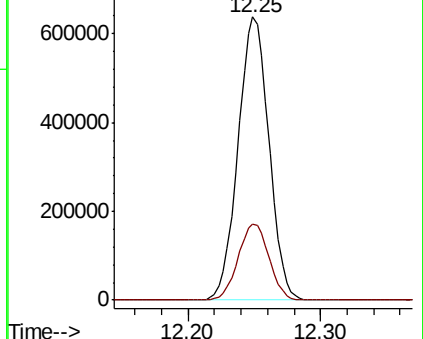
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.027 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Tgt Ion: 43 Resp: 289673

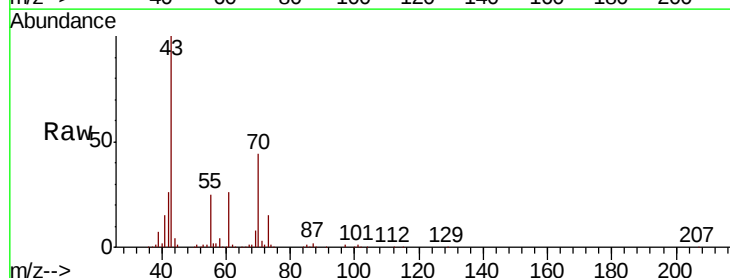
Ion Ratio Lower Upper

43 100

70 43.8 34.2 51.4

55 25.5 20.3 30.5

61 25.1 20.0 30.0

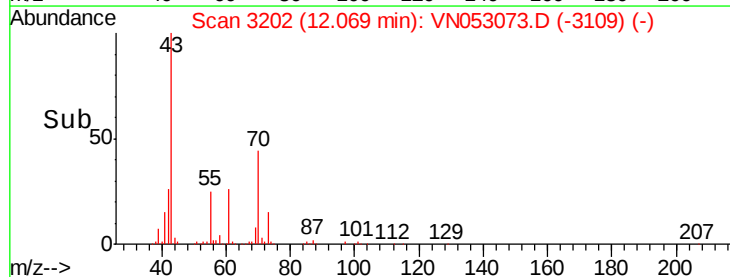
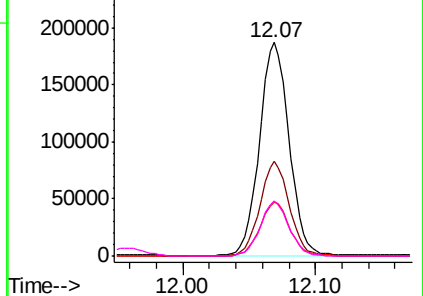


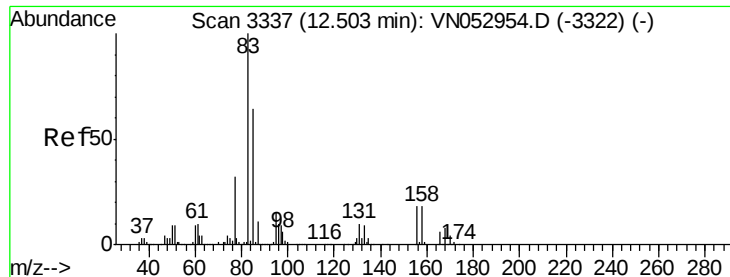
Abundance Ion 43.00 (42.70 to 43.70): V

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: 23.807 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampleId :

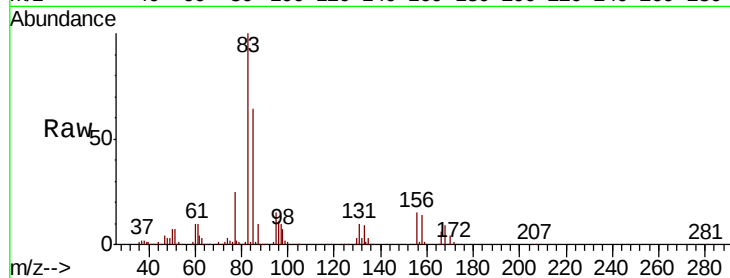
Tot Ion: 83 Resp: 221231

Ion Ratio Lower Upper

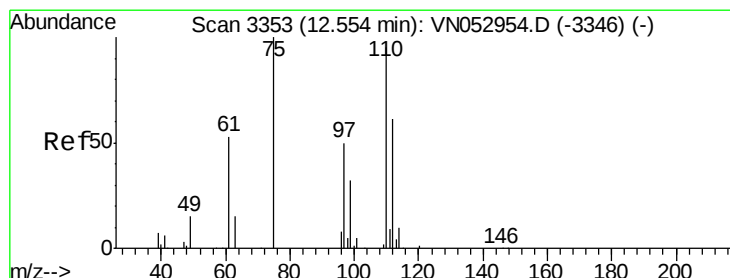
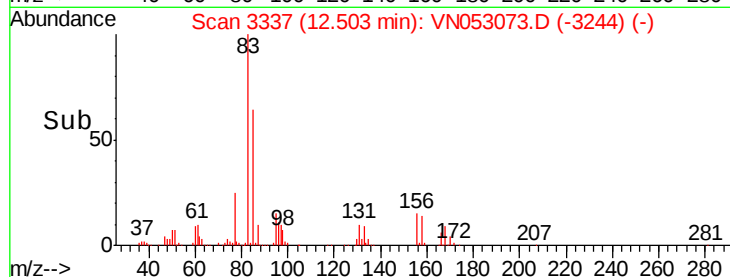
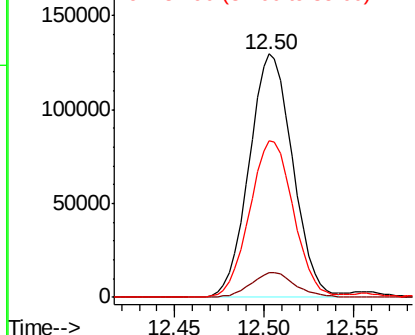
83 100

131 10.5 5.2 15.6

85 64.8 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 28.510 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053073.D

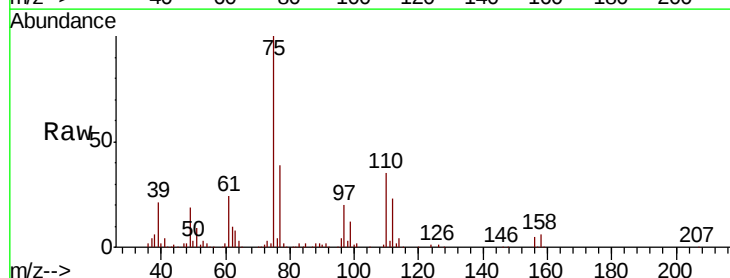
Acq: 20 Dec 2018 23:28

Tgt Ion: 75 Resp: 290558

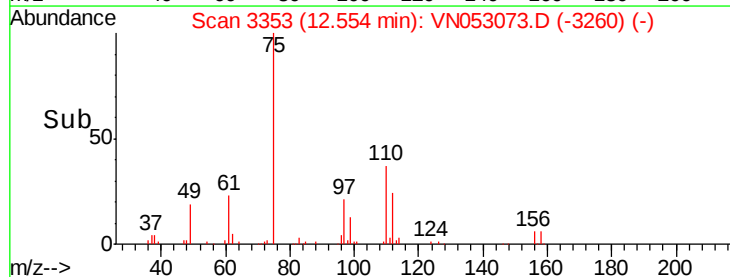
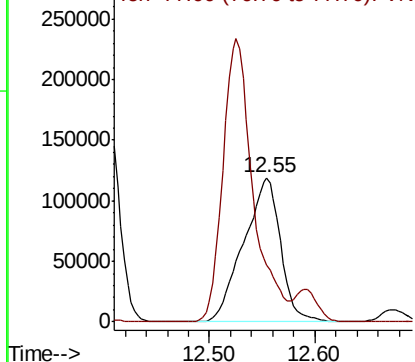
Ion Ratio Lower Upper

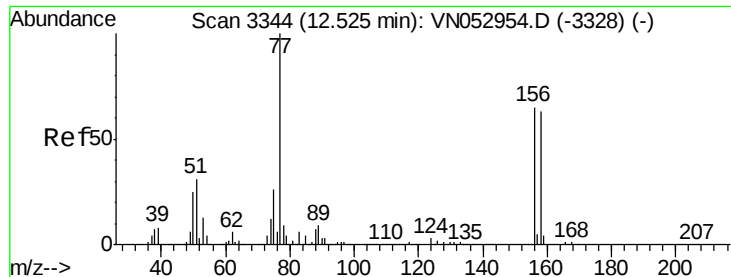
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.984 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampled :

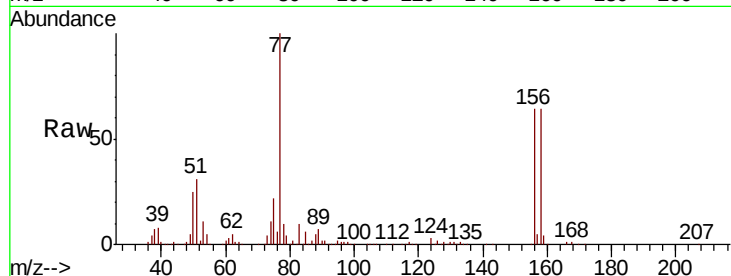
Tot Ion:156 Resp: 258375

Ion Ratio Lower Upper

156 100

77 179.9 91.3 273.8

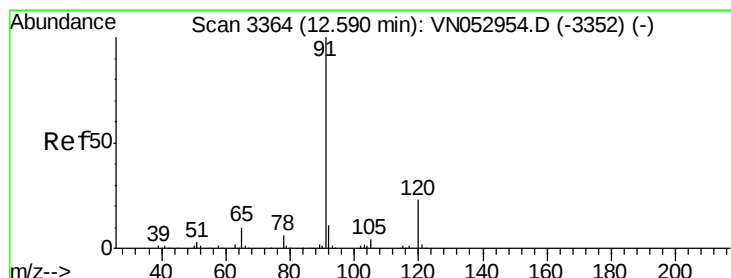
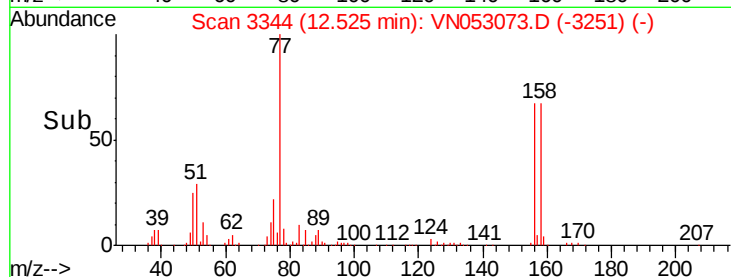
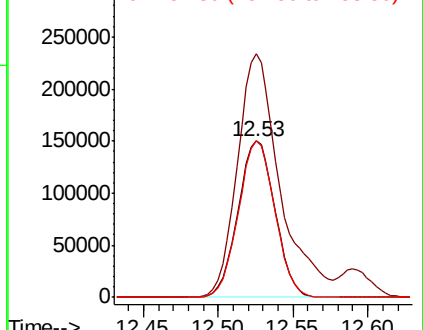
158 98.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.719 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053073.D

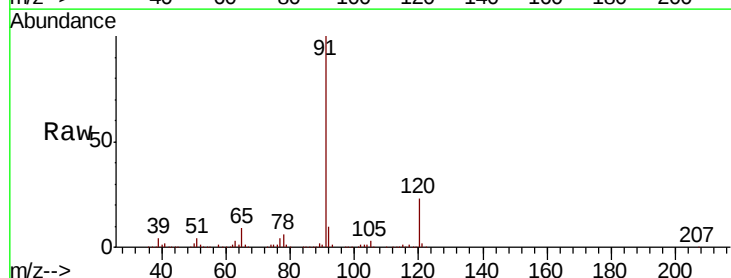
Acq: 20 Dec 2018 23:28

Tgt Ion: 91 Resp: 1117726

Ion Ratio Lower Upper

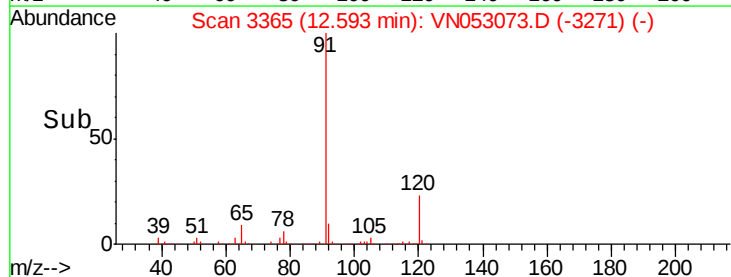
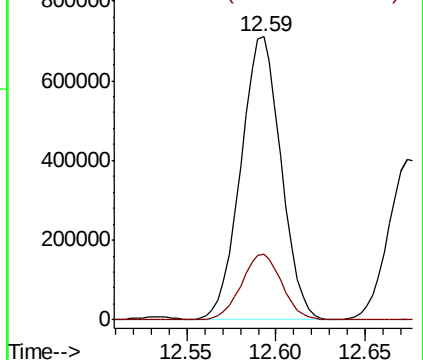
91 100

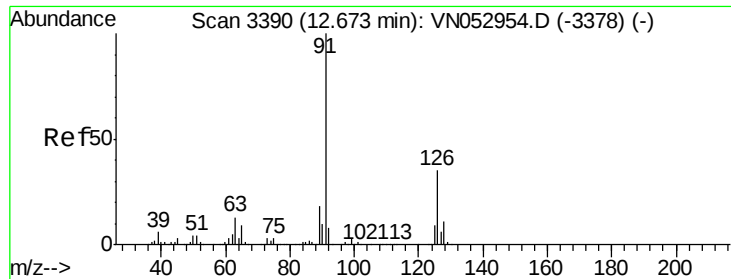
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.887 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

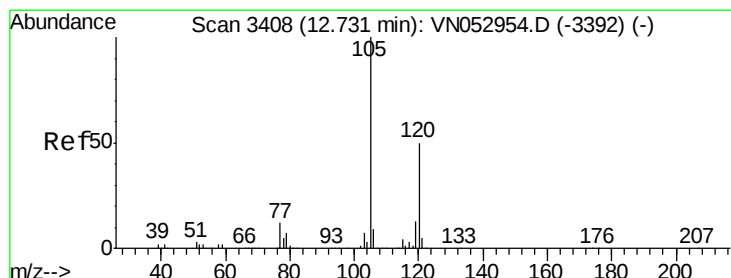
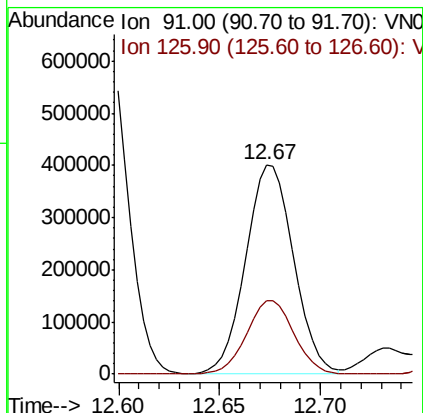
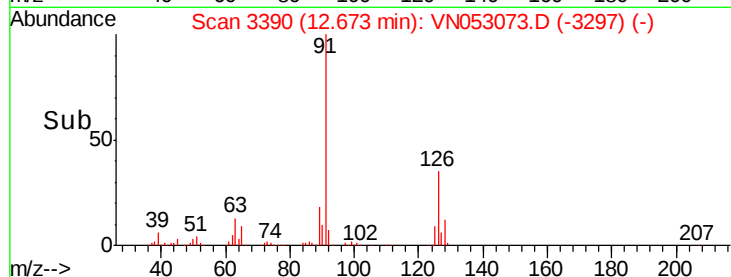
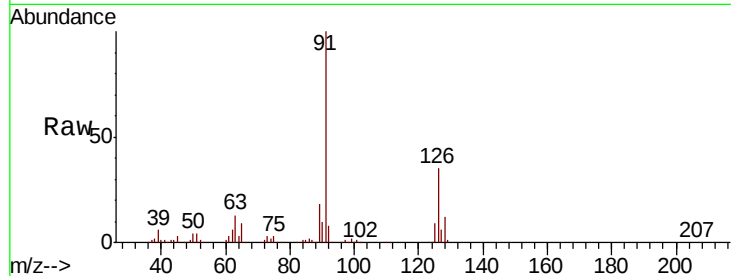
ClientSampled :

Tot Ion: 91 Resp: 665019

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.408 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053073.D

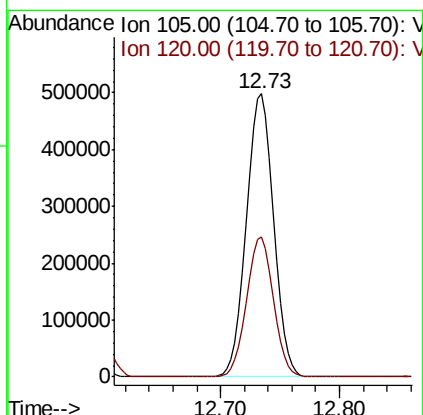
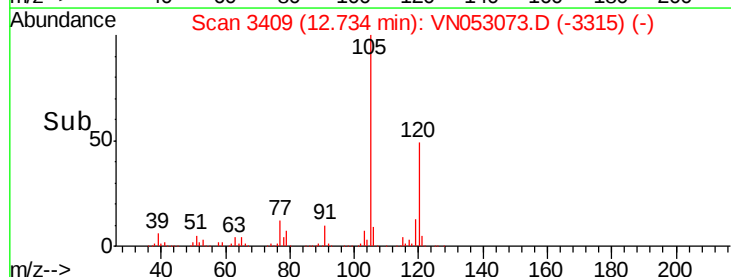
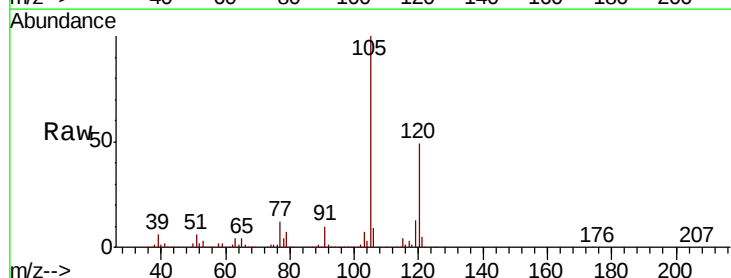
Acq: 20 Dec 2018 23:28

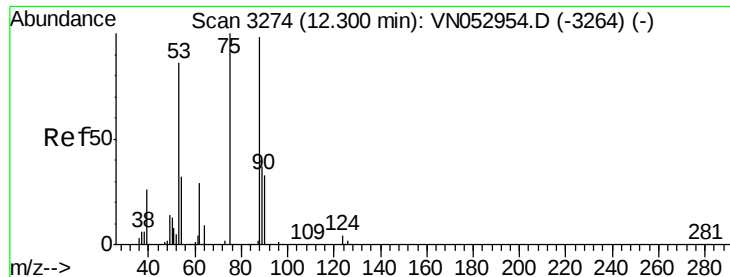
Tgt Ion:105 Resp: 787911

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2

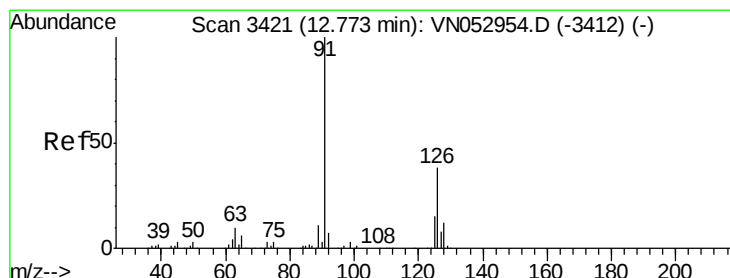
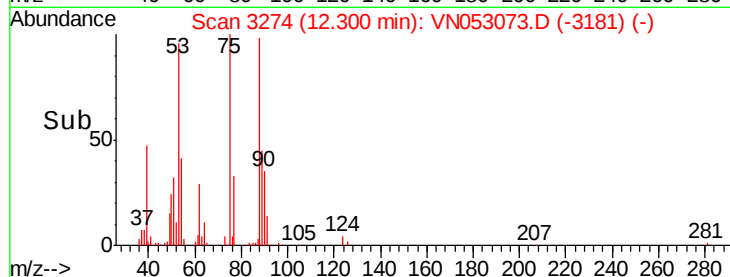
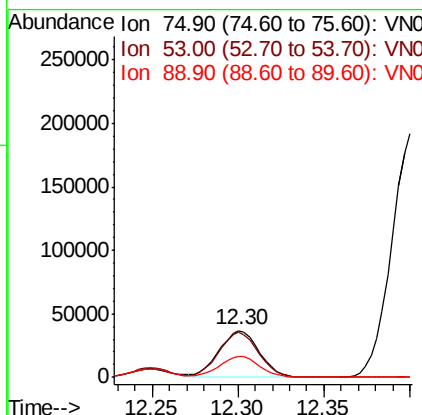
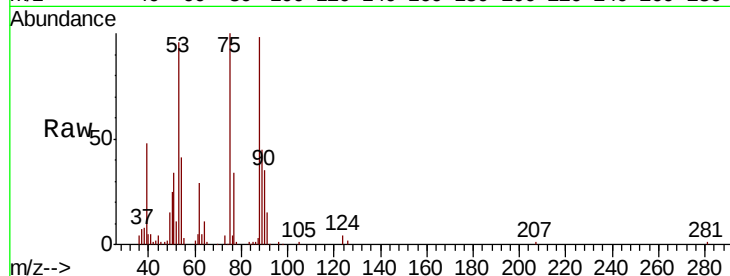




#81
trans-1,4-Dichloro-2-butene
Concen: 19.204 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

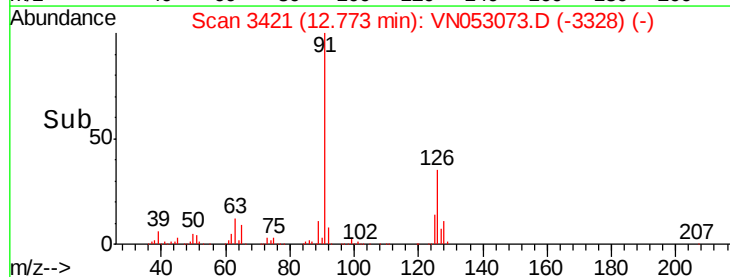
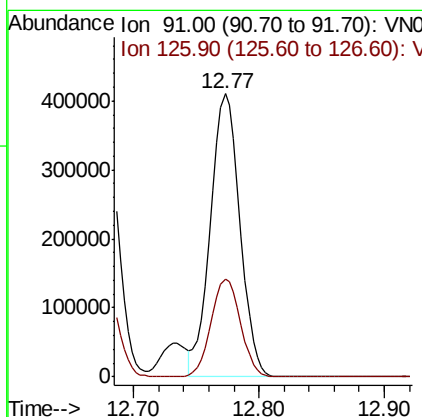
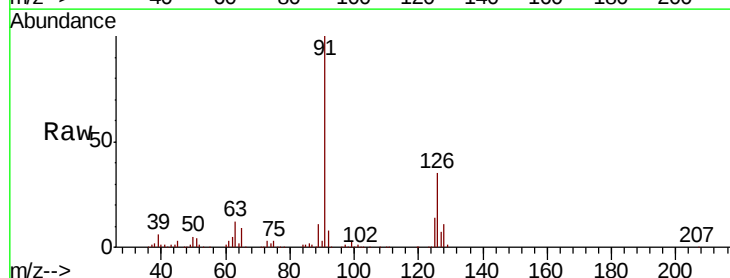
Instrument :
MSVOA_N
ClientSampleId :

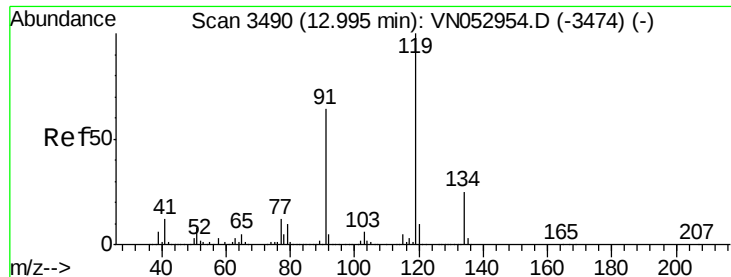
Tot Ion: 75 Resp: 60722
Ion Ratio Lower Upper
75 100
53 95.2 74.7 112.1
89 43.7 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.423 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion: 91 Resp: 668515
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7

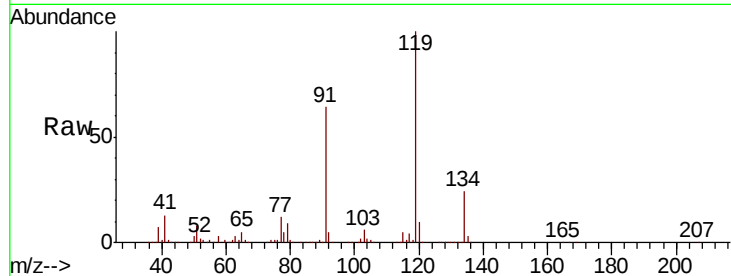




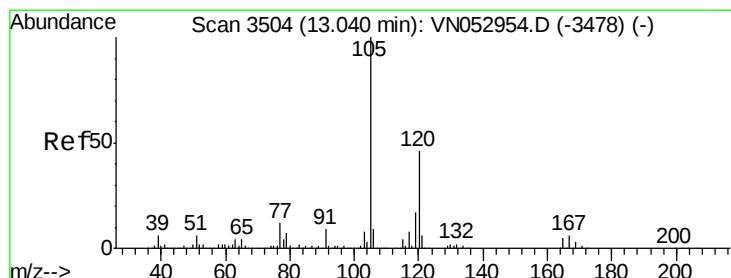
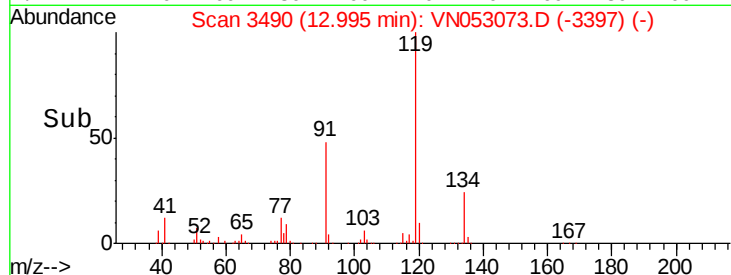
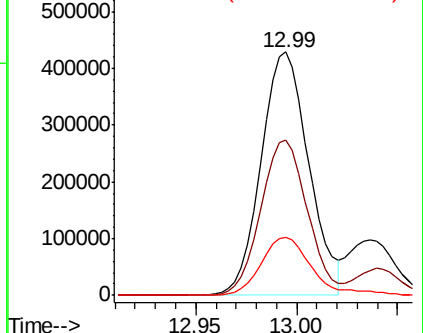
#83
tert-Butylbenzene
Concen: 20.690 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 706462
Ion Ratio Lower Upper
119 100
91 62.2 31.9 95.5
134 25.6 12.8 38.4

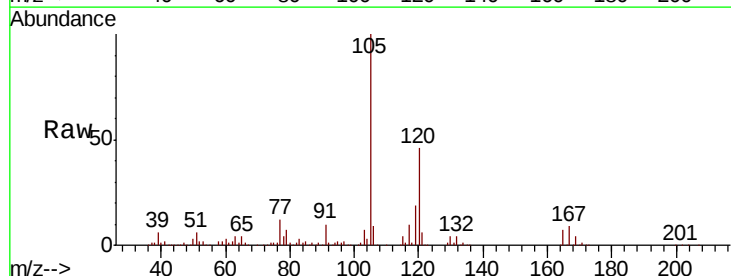


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

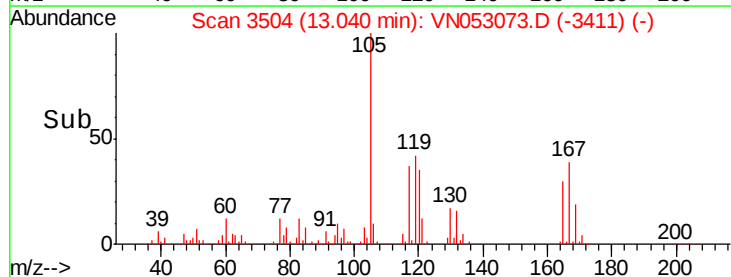
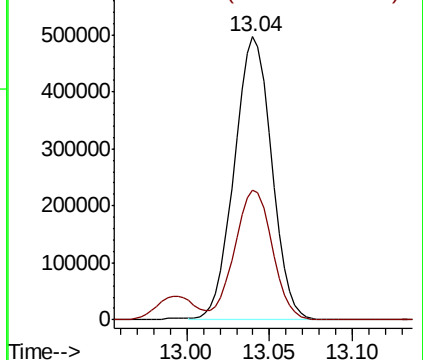


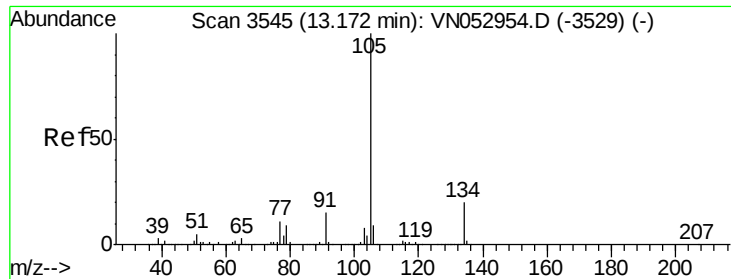
#84
1,2,4-Trimethylbenzene
Concen: 20.098 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion:105 Resp: 780051
Ion Ratio Lower Upper
105 100
120 46.2 22.9 68.8



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

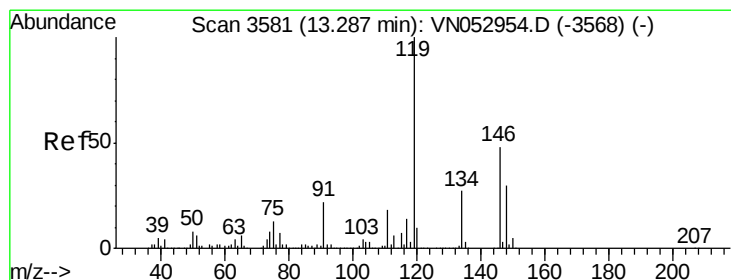
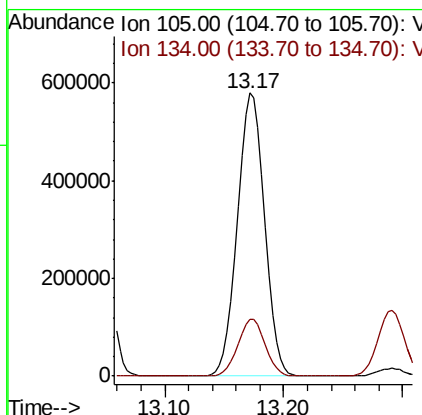
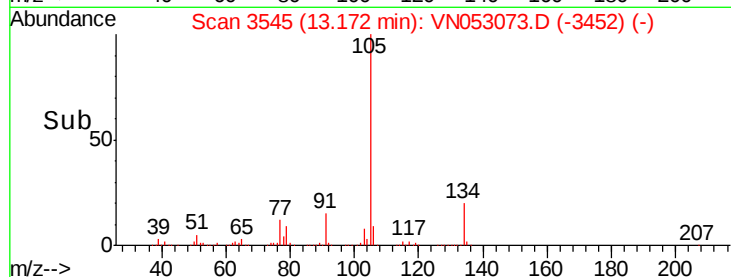
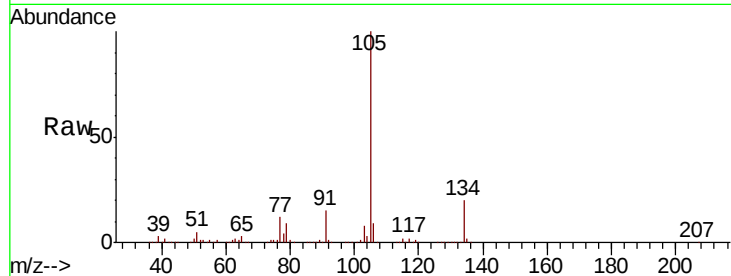




#85
 sec-Butylbenzene
 Concen: 19.832 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

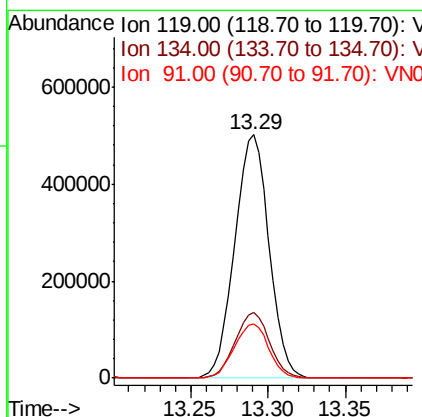
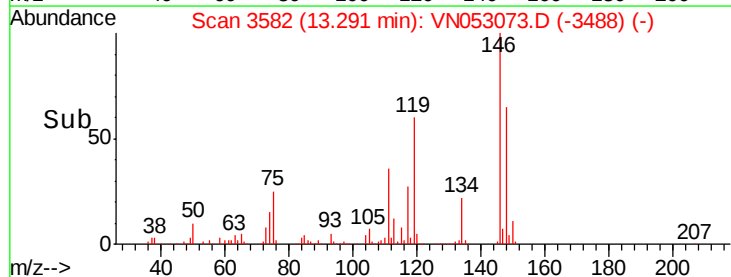
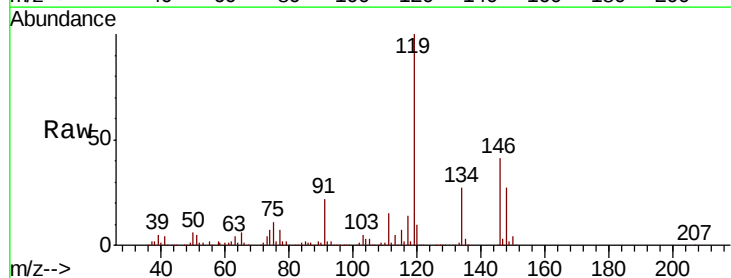
Instrument :
 MSVOA_N
 ClientSampleId :

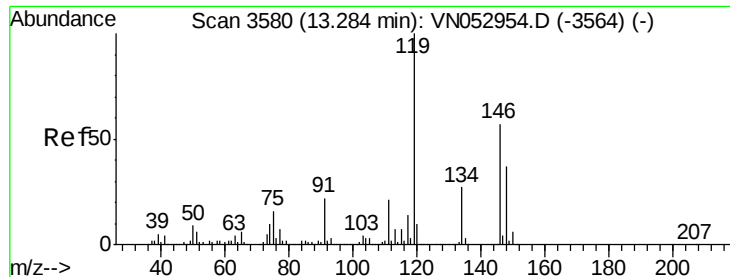
Tot Ion:105 Resp: 915974
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.271 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion:119 Resp: 769084
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 19.475 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampleId :

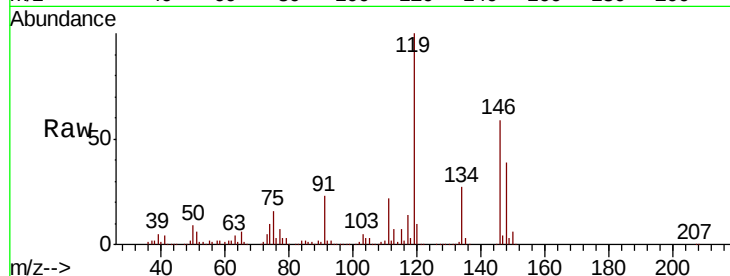
Tot Ion:146 Resp: 424402

Ion Ratio Lower Upper

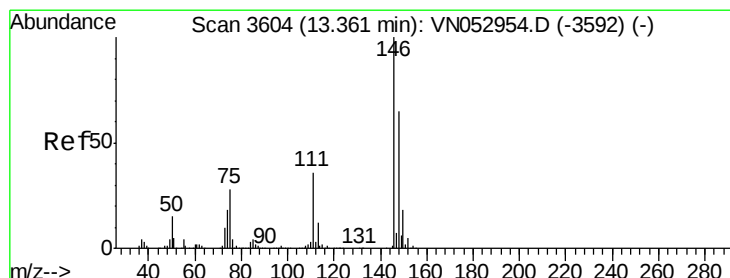
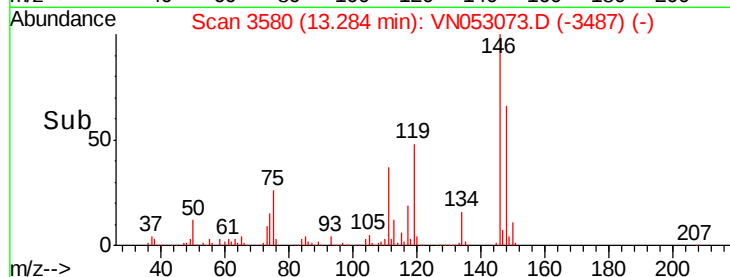
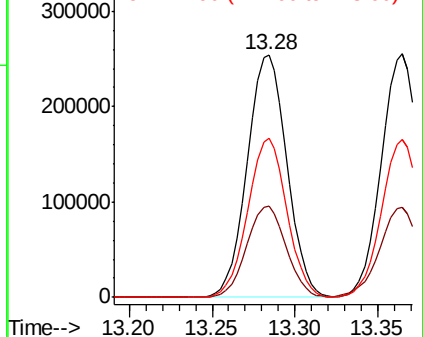
146 100

111 37.4 19.1 57.1

148 64.4 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 18.691 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

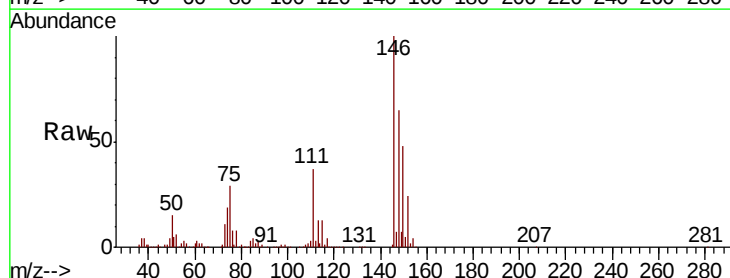
Tgt Ion:146 Resp: 412492

Ion Ratio Lower Upper

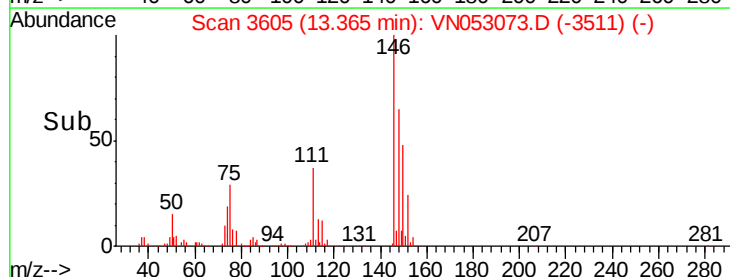
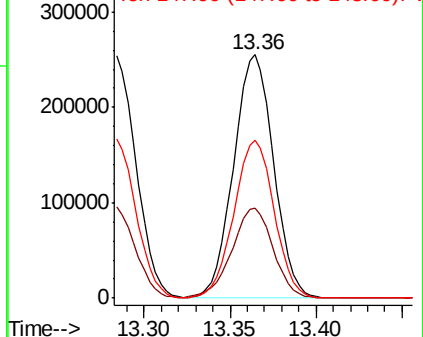
146 100

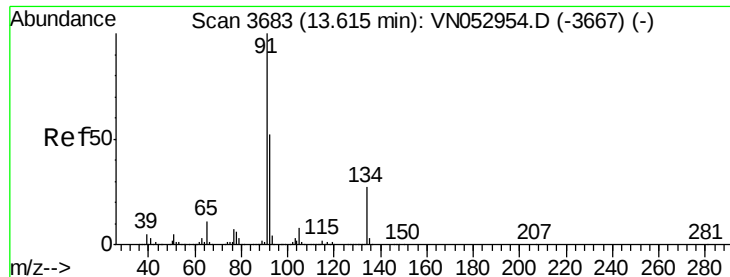
111 38.1 18.6 55.8

148 65.2 32.1 96.5



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





#89

n-Butylbenzene

Concen: 17.324 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampled :

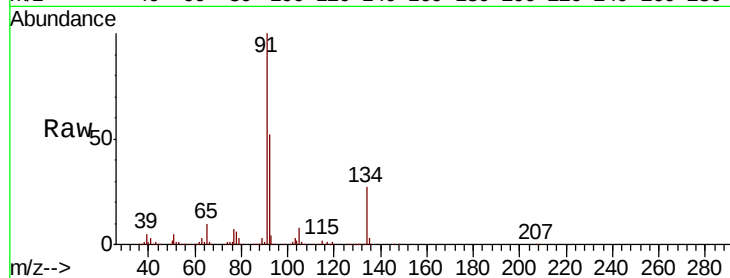
Tot Ion: 91 Resp: 594802

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

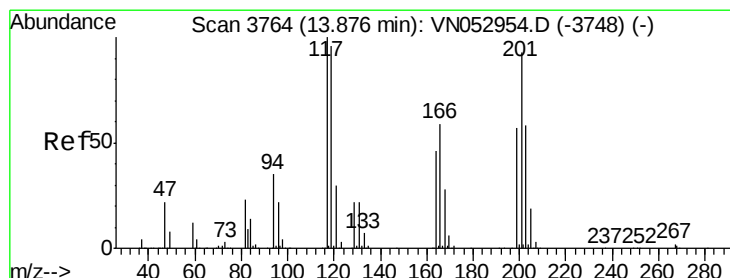
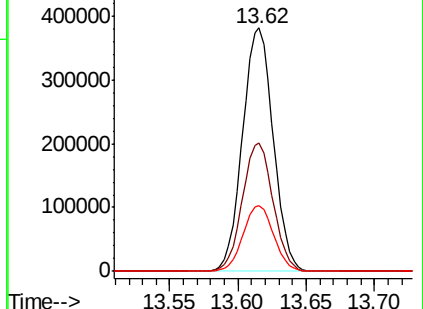
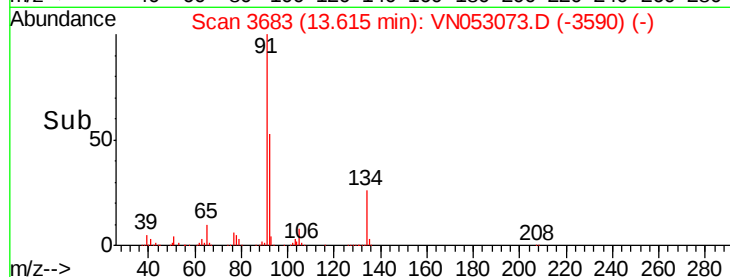
134 27.0 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052954.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052954.D (-3667) (-)



#90

Hexachloroethane

Concen: 18.785 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN053073.D

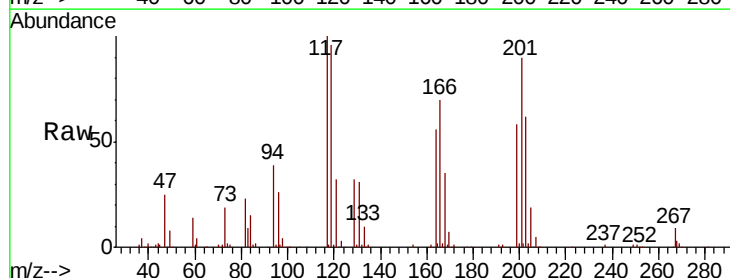
Acq: 20 Dec 2018 23:28

Tgt Ion: 117 Resp: 115046

Ion Ratio Lower Upper

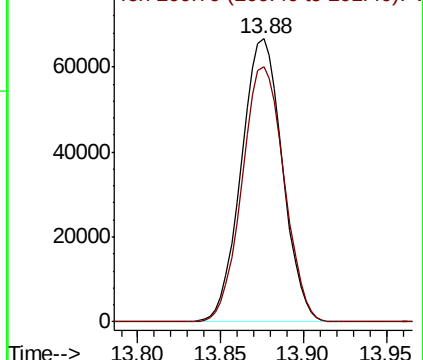
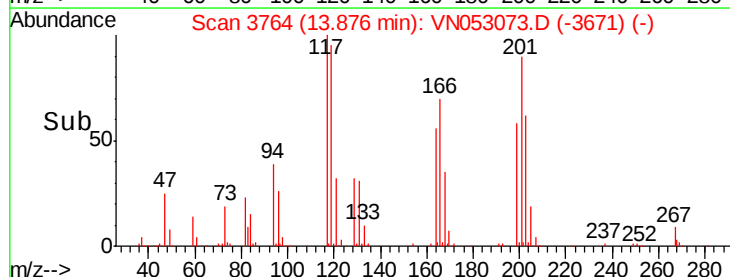
117 100

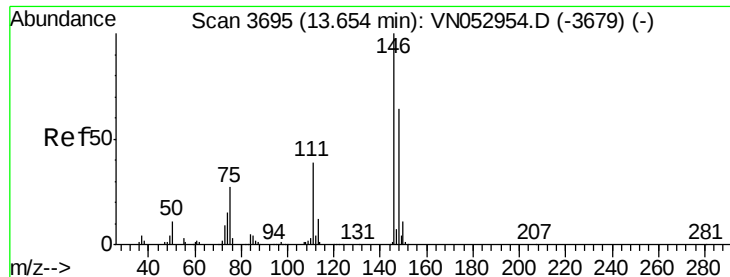
201 92.0 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052954.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 19.595 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

Instrument :

MSVOA_N

ClientSampleId :

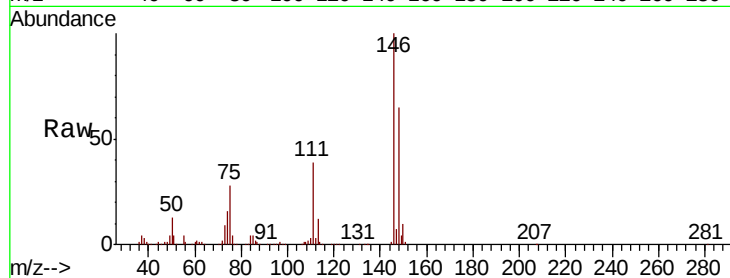
Tot Ion:146 Resp: 401894

Ion Ratio Lower Upper

146 100

111 38.4 19.7 59.0

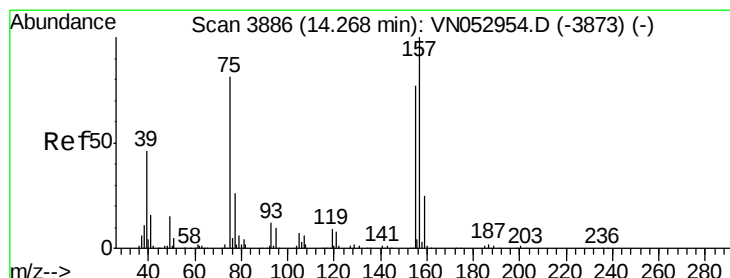
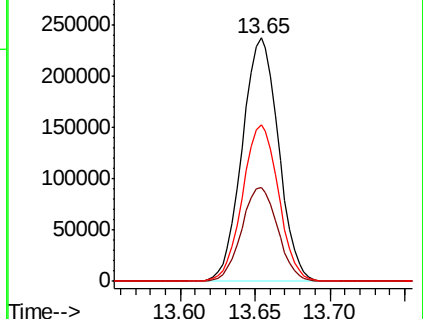
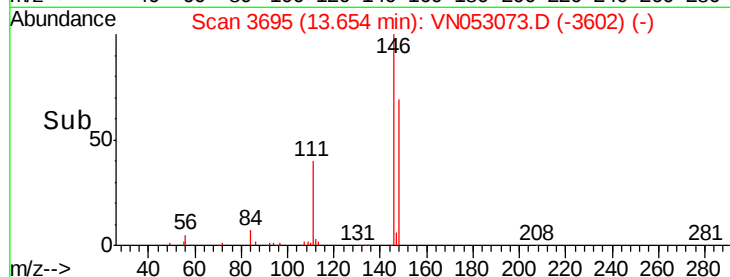
148 63.8 32.0 96.0



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: 19.067 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN053073.D

Acq: 20 Dec 2018 23:28

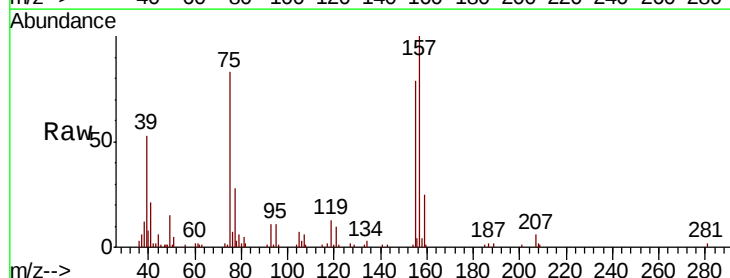
Tgt Ion: 75 Resp: 30637

Ion Ratio Lower Upper

75 100

155 96.3 48.2 144.6

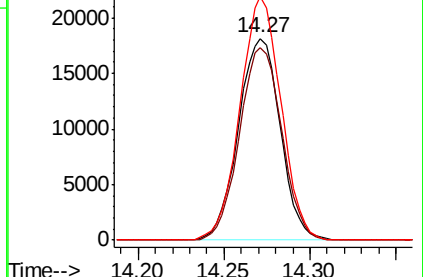
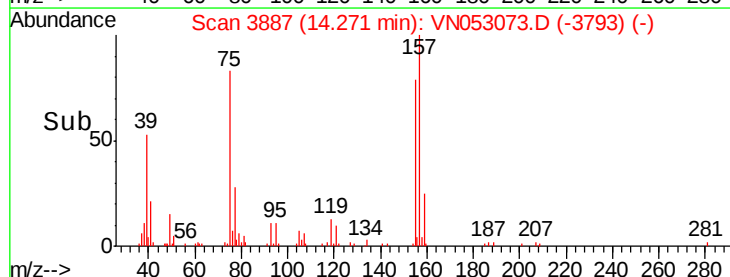
157 117.8 61.2 183.5

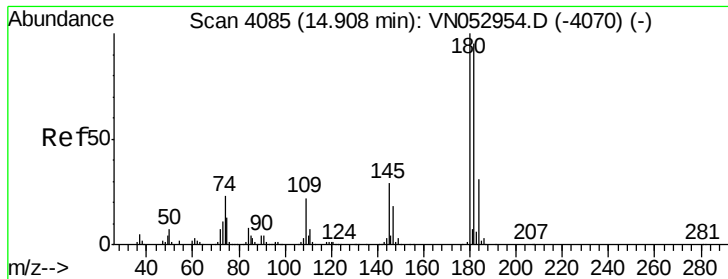


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

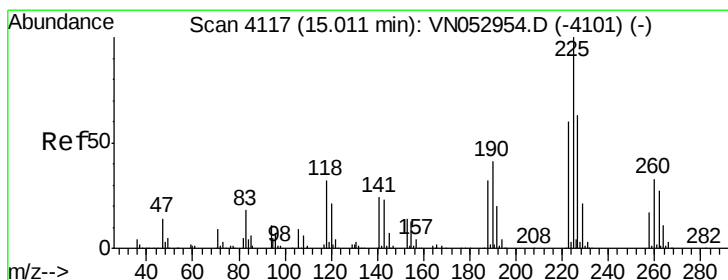
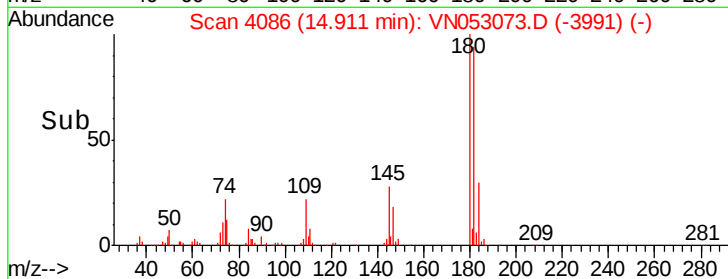
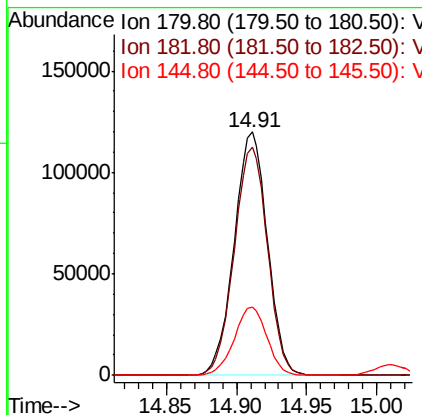
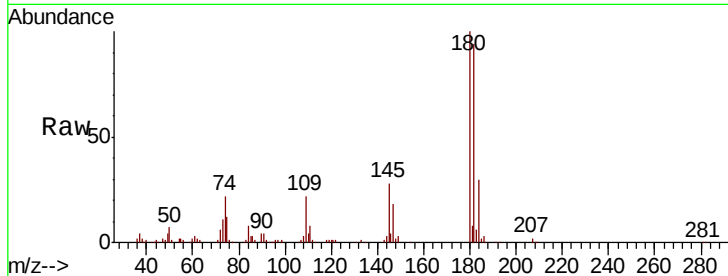




#93
 1,2,4-Trichlorobenzene
 Concen: 18.617 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

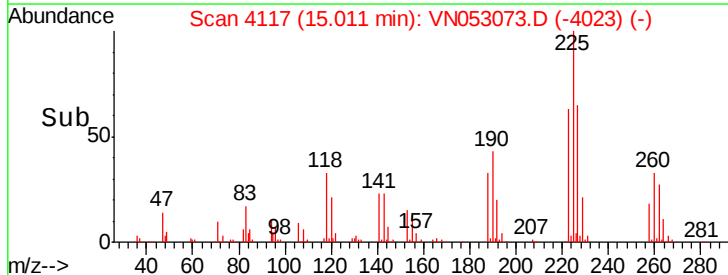
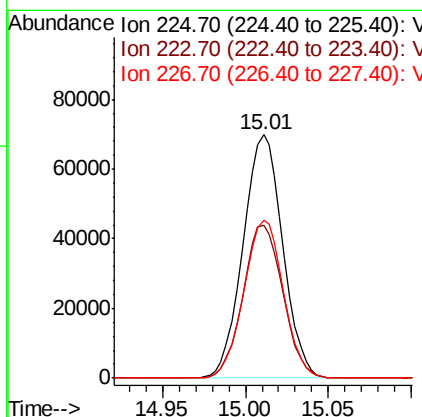
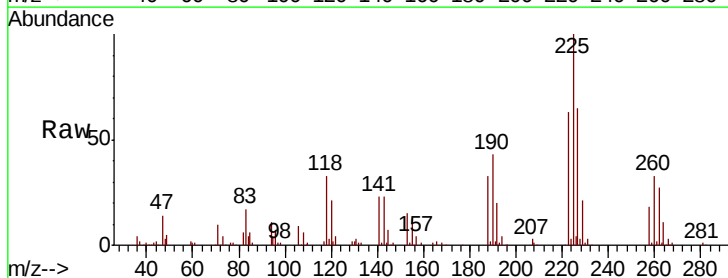
Instrument :
 MSVOA_N
 ClientSampleId :

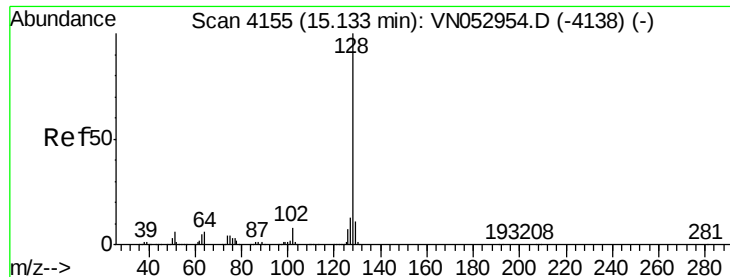
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.8	143.3
145	27.8	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 18.845 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053073.D
 Acq: 20 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.5	94.5
227	64.9	31.9	95.7

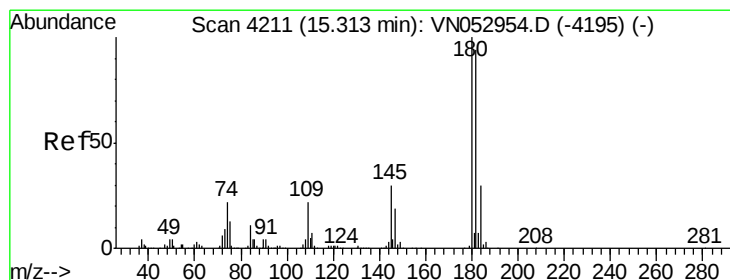
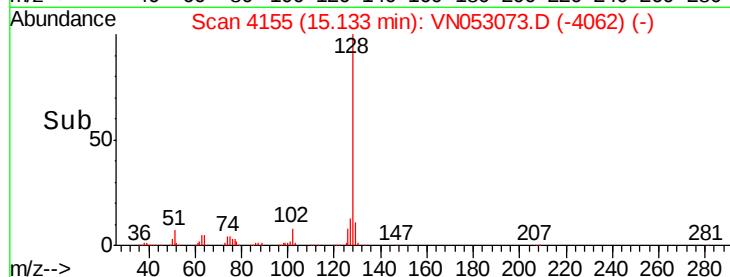
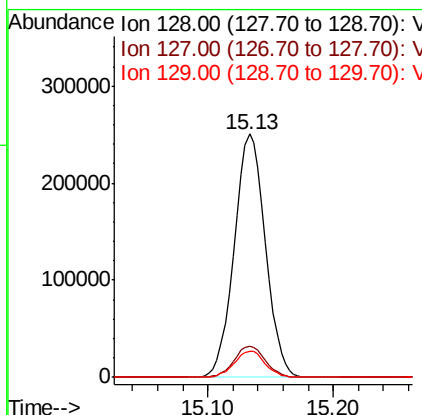
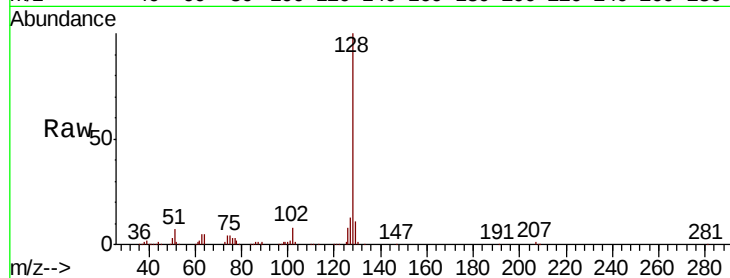




#95
Naphthalene
Concen: 18.865 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.652 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053073.D
Acq: 20 Dec 2018 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.9	143.7
145	30.4	15.0	45.0

