

Data File : VN051658.D
Acq On : 4 Oct 2018 11:16
Operator : MD\SY
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Quant Time: Oct 05 01:56:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	555976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	859885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	781086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	384393	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	139388	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
35) Dibromofluoromethane	7.59	113	125973	18.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.90%	
50) Toluene-d8	10.09	98	461143	18.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.18%	
62) 4-Bromofluorobenzene	12.40	95	149492	17.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.06%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	147917	22.419	ug/l	98
3) Chloromethane	2.06	50	143192	22.568	ug/l	100
4) Vinyl Chloride	2.18	62	226579	22.670	ug/l	97
5) Bromomethane	2.57	94	145799	18.969	ug/l	100
6) Chloroethane	2.70	64	149532	22.260	ug/l	96
7) Trichlorofluoromethane	3.01	101	221273	19.418	ug/l	98
8) Diethyl Ether	3.41	74	61161	20.999	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	119591	21.528	ug/l	99
10) Methyl Iodide	3.95	142	139235	20.561	ug/l	99
11) Tert butyl alcohol	4.79	59	48525	104.911	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	109544	21.157	ug/l	98
13) Acrolein	3.61	56	32584	104.487	ug/l	94
14) Allyl chloride	4.33	41	166119	21.036	ug/l	98
15) Acrylonitrile	5.00	53	173303	100.612	ug/l	100
16) Acetone	3.82	43	138700	103.183	ug/l	99
17) Carbon Disulfide	4.05	76	317270	20.159	ug/l	100
18) Methyl Acetate	4.33	43	84322	20.800	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	348492	20.391	ug/l	99
20) Methylene Chloride	4.55	84	122847	20.329	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	122104	19.901	ug/l	96
22) Diisopropyl ether	5.95	45	352338	20.814	ug/l	97
23) Vinyl Acetate	5.90	43	1262219	101.409	ug/l	100
24) 1,1-Dichloroethane	5.85	63	221029	20.302	ug/l	98
25) 2-Butanone	6.84	43	215043	101.393	ug/l	100
26) 2,2-Dichloropropane	6.83	77	230299	21.109	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	144257	20.254	ug/l	99
28) Bromochloromethane	7.20	49	96896	20.104	ug/l	99
29) Tetrahydrofuran	7.21	42	131994	101.416	ug/l	98
30) Chloroform	7.37	83	249546	20.401	ug/l	99
31) Cyclohexane	7.65	56	203649	20.425	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	238141	20.086	ug/l	99
36) 1,1-Dichloropropene	7.79	75	178973	19.913	ug/l	100
37) Ethyl Acetate	6.94	43	96025	20.485	ug/l	99
38) Carbon Tetrachloride	7.78	117	209802	19.453	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	225408	19.979	ug/l	98
40) Benzene	8.04	78	533496	20.023	ug/l	99
41) Methacrylonitrile	7.18	41	48328	18.775	ug/l #	70
42) 1,2-Dichloroethane	8.13	62	178052	19.829	ug/l	98
43) Isopropyl Acetate	8.17	43	201726	20.640	ug/l	99
44) Trichloroethene	8.84	130	149501	19.761	ug/l	98
45) 1,2-Dichloropropane	9.12	63	133942	20.332	ug/l	100
46) Dibromomethane	9.21	93	91208	19.919	ug/l	98
47) Bromodichloromethane	9.40	83	198756	19.718	ug/l	98
48) Methyl methacrylate	9.20	41	90271	20.213	ug/l	99
49) 1,4-Dioxane	9.20	88	25244	376.975	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	507389	102.452	ug/l	100
52) Toluene	10.16	92	341708	19.282	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	200803	19.306	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	217593	19.701	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	123251	19.524	ug/l	98
56) Ethyl methacrylate	10.43	69	155466	19.474	ug/l	94
57) 1,3-Dichloropropane	10.71	76	201113	20.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	322844	97.711	ug/l	99
59) 2-Hexanone	10.75	43	342069	101.705	ug/l	95
60) Dibromochloromethane	10.90	129	158445	19.179	ug/l	99
61) 1,2-Dibromoethane	11.01	107	128256	19.218	ug/l	99
64) Tetrachloroethene	10.63	164	140878	20.443	ug/l	95
65) Chlorobenzene	11.43	112	382454	19.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151344	19.539	ug/l	98
67) Ethyl Benzene	11.51	91	671888	20.094	ug/l	99
68) m/p-Xylenes	11.62	106	523489	39.129	ug/l	99
69) o-Xylene	11.95	106	264628	20.169	ug/l	99
70) Styrene	11.96	104	399849	19.125	ug/l	99
71) Bromoform	12.13	173	107402	18.642	ug/l #	100
73) Isopropylbenzene	12.25	105	696083	21.243	ug/l	98
74) N-amyl acetate	12.07	43	156590	20.955	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	149221	21.127	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	180431	33.467	ug/l #	100
77) Bromobenzene	12.53	156	162870	20.328	ug/l	99
78) n-propylbenzene	12.59	91	744824	20.840	ug/l	99
79) 2-Chlorotoluene	12.67	91	442570	21.011	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	575317	20.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42824	20.479	ug/l	97
82) 4-Chlorotoluene	12.77	91	431112	20.374	ug/l	99
83) tert-Butylbenzene	12.99	119	514744	20.803	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	575169	20.795	ug/l	99
85) sec-Butylbenzene	13.17	105	688249	21.028	ug/l	98
86) p-Isopropyltoluene	13.29	119	594727	20.497	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	278509	19.949	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	270455	19.681	ug/l	99
89) n-Butylbenzene	13.62	91	466162	20.319	ug/l	98
90) Hexachloroethane	13.87	117	122643	21.185	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	276746	19.940	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24780	21.528	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICC020

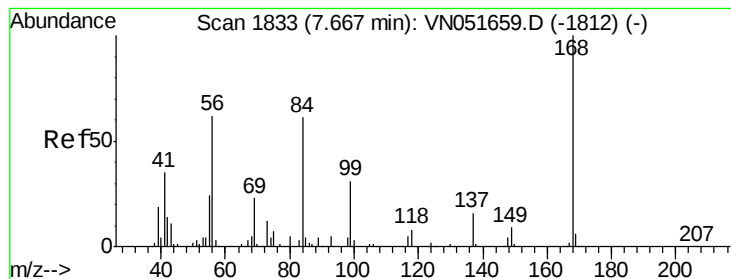
Quant Time: Oct 05 01:56:47 2018
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Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	106209	17.198	ug/l	98
94) Hexachlorobutadiene	15.01	225	85304	20.358	ug/l	97
95) Naphthalene	15.13	128	219117	16.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109963	18.079	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

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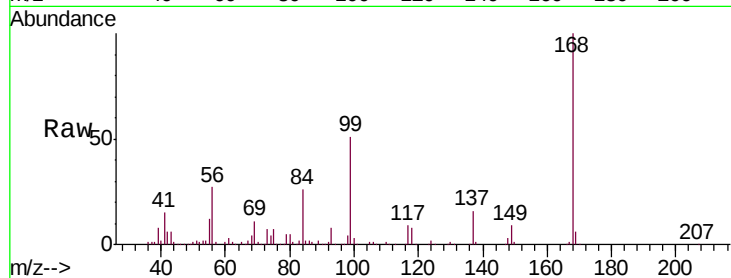
VSTDIC020

Tgt Ion:168 Resp: 555976

Ion Ratio Lower Upper

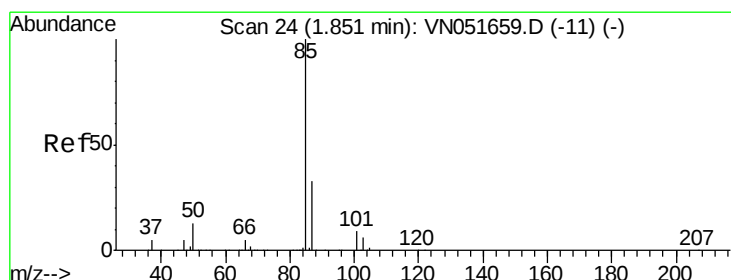
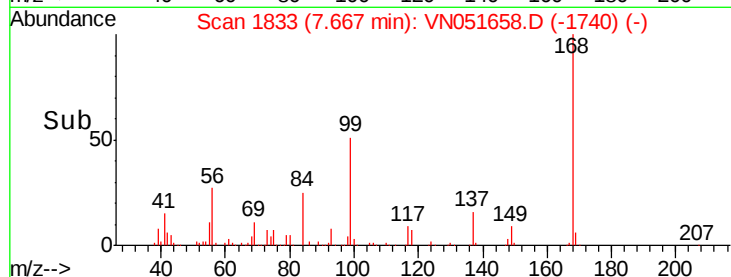
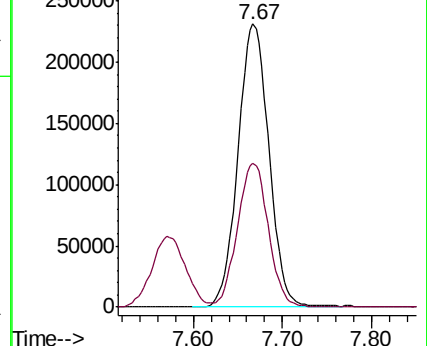
168 100

99 50.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 22.419 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051658.D

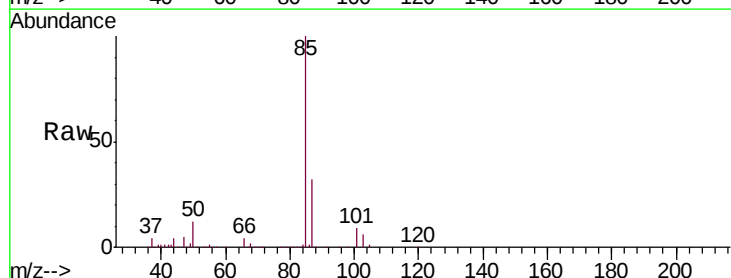
Acq: 4 Oct 2018 11:16

Tgt Ion: 85 Resp: 147917

Ion Ratio Lower Upper

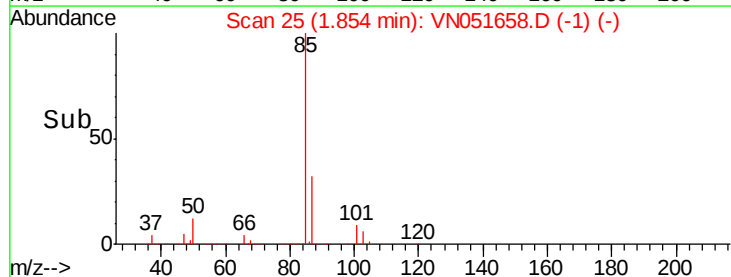
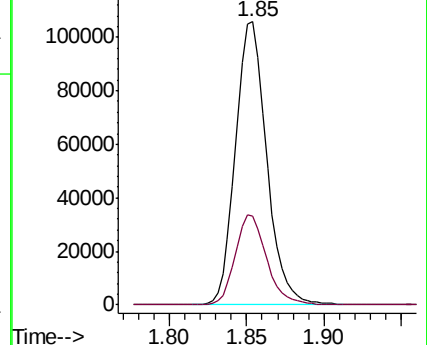
85 100

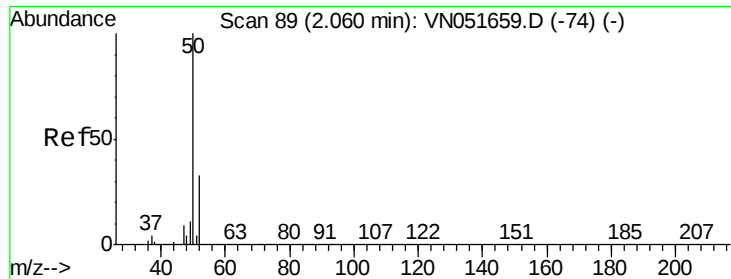
87 31.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 22.568 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

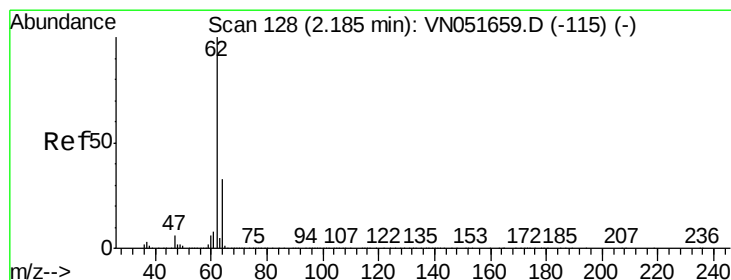
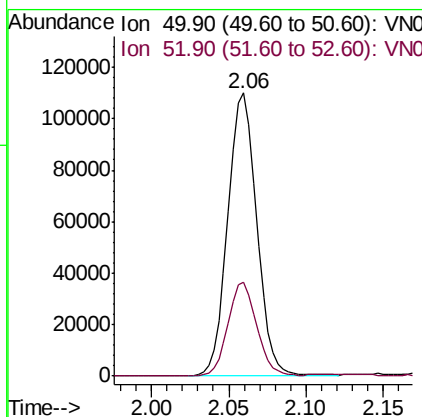
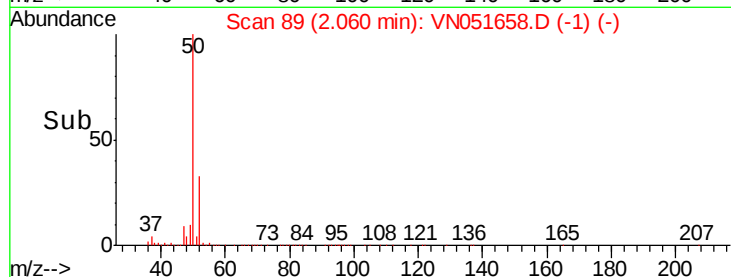
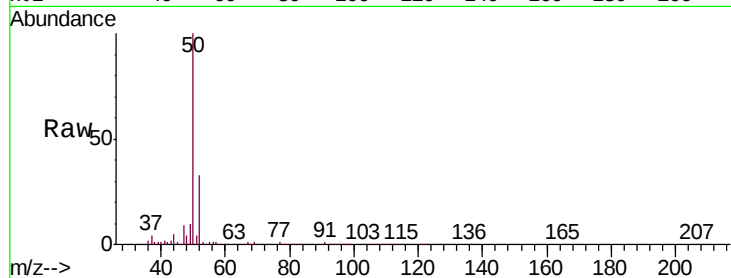
VSTDIC020

Tgt Ion: 50 Resp: 143192

Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



#4

Vinyl Chloride

Concen: 22.670 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051658.D

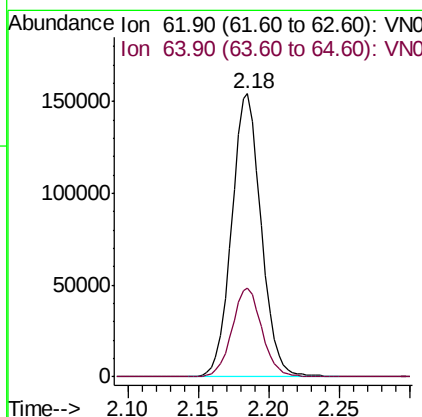
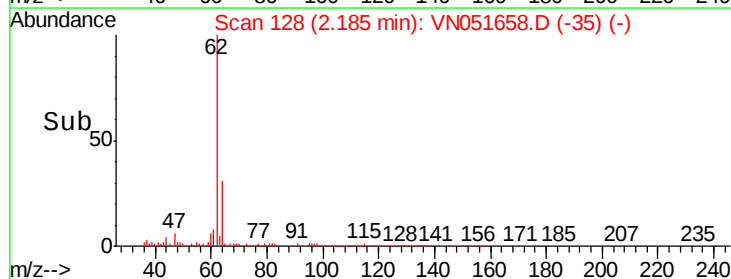
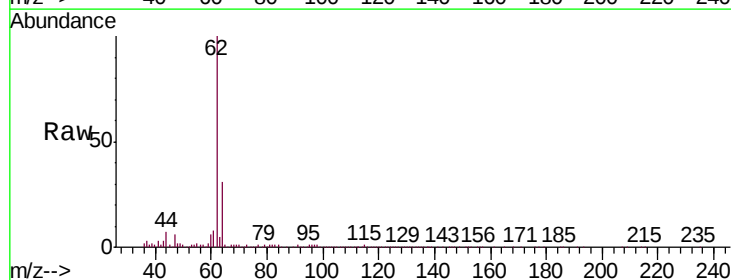
Acq: 4 Oct 2018 11:16

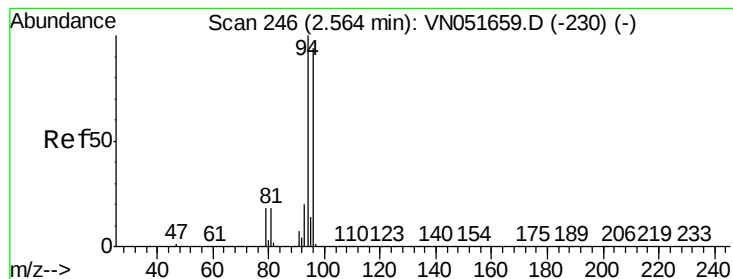
Tgt Ion: 62 Resp: 226579

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.4





#5

Bromomethane

Concen: 18.969 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

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ClientSampleId :

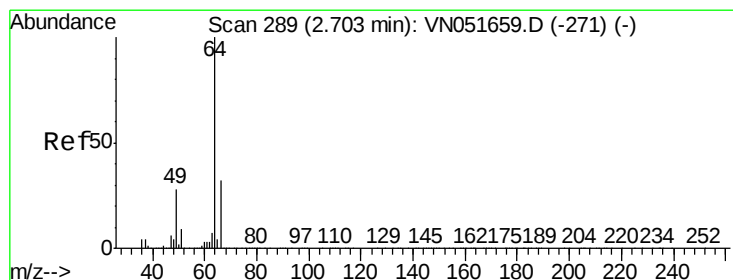
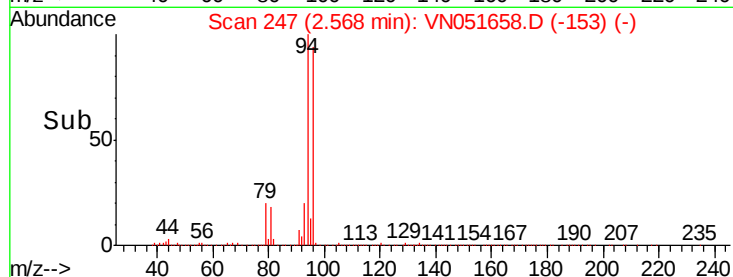
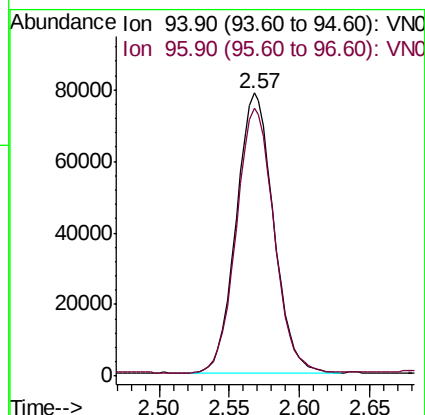
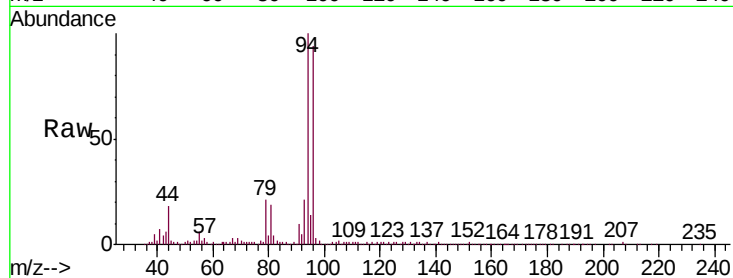
VSTDIC020

Tgt Ion: 94 Resp: 145799

Ion Ratio Lower Upper

94 100

96 94.1 75.2 112.8



#6

Chloroethane

Concen: 22.260 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051658.D

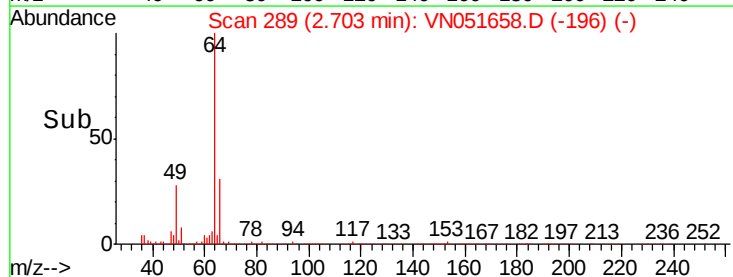
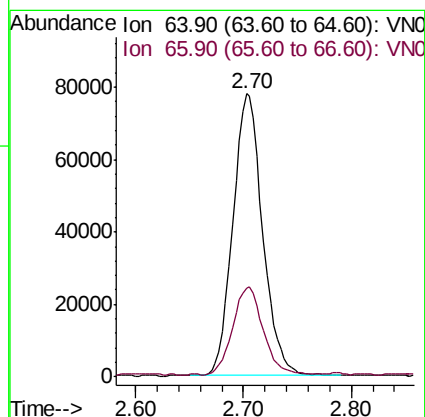
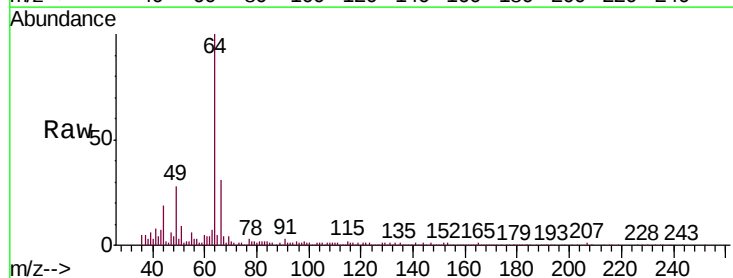
Acq: 4 Oct 2018 11:16

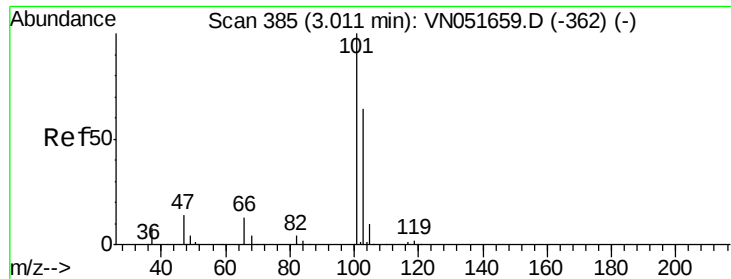
Tgt Ion: 64 Resp: 149532

Ion Ratio Lower Upper

64 100

66 30.5 26.0 39.0



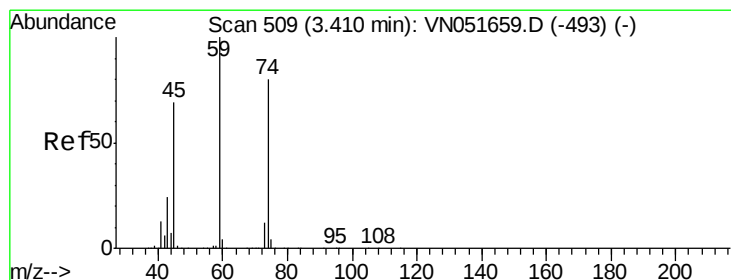
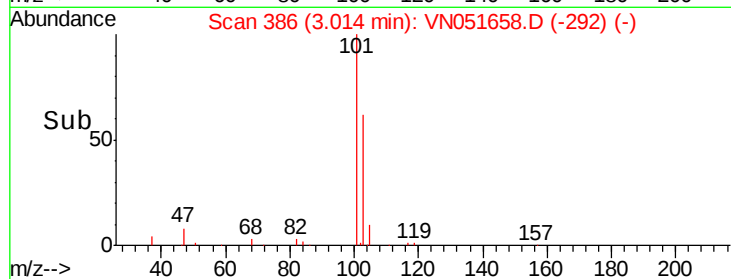
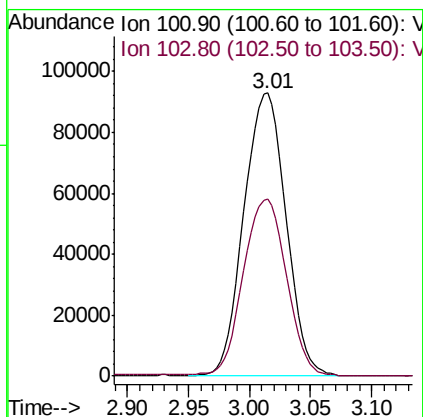
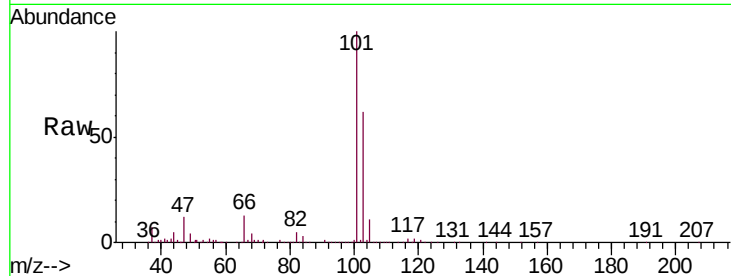


#7

Trichlorofluoromethane
 Concen: 19.418 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051658.D
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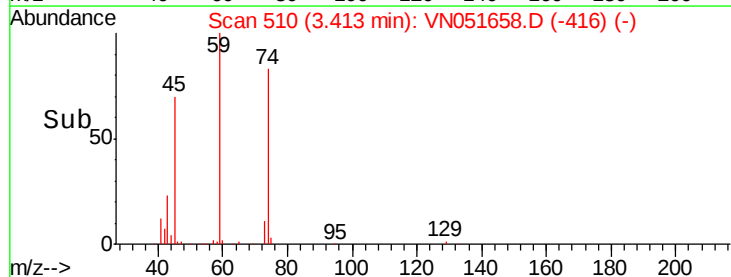
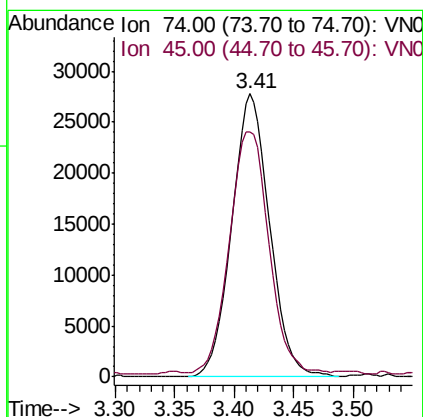
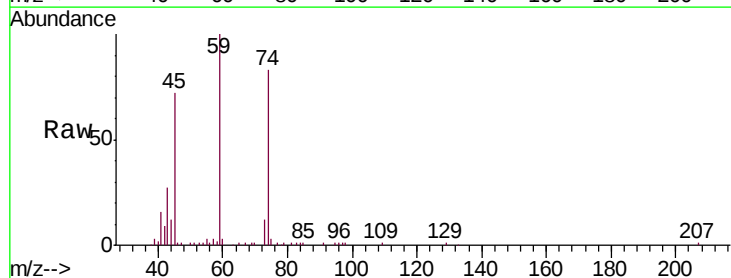
Tgt Ion:101 Resp: 221273
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.1 76.7

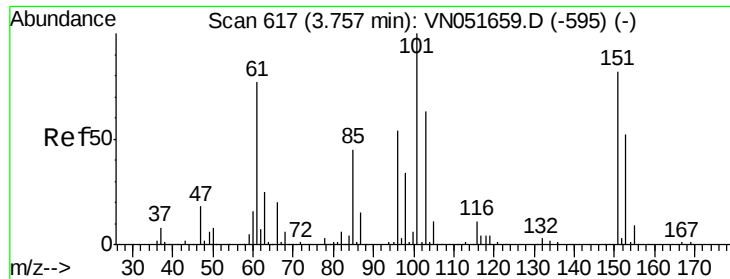


#8

Diethyl Ether
 Concen: 20.999 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 74 Resp: 61161
 Ion Ratio Lower Upper
 74 100
 45 88.4 44.3 132.9

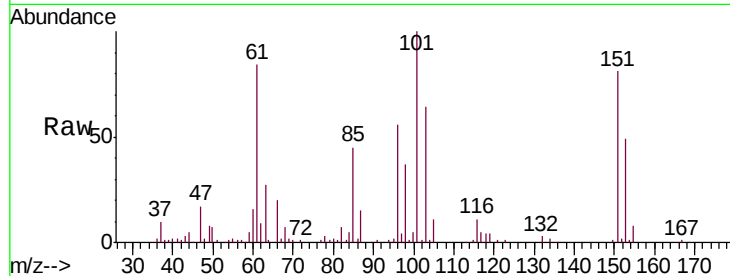




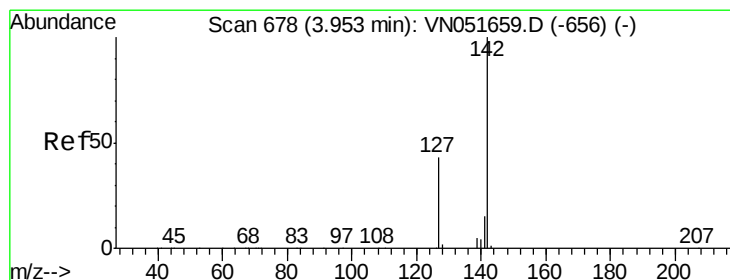
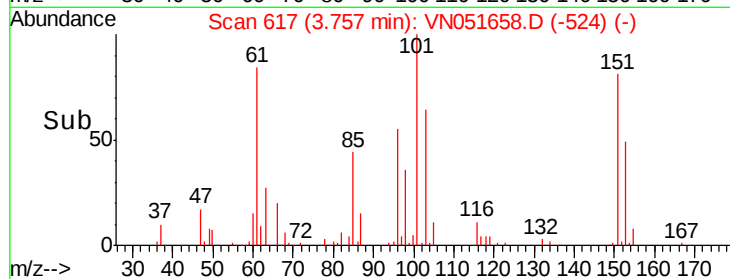
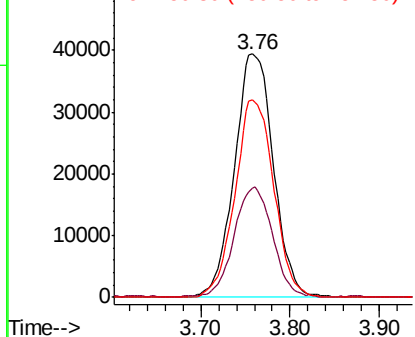
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.528 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: VN051658.D
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Instrument :
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 ClientSampled :
 VSTDIC020

Tgt Ion:101 Resp: 119591
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.6 53.4
 151 80.8 65.5 98.3

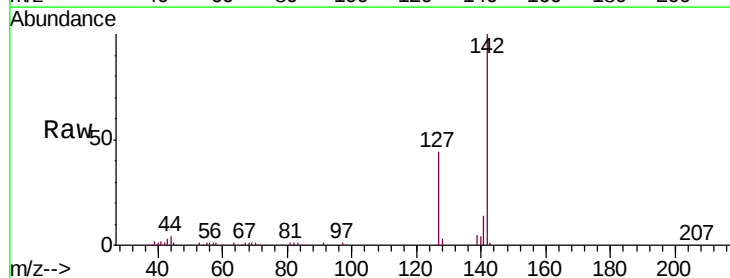


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

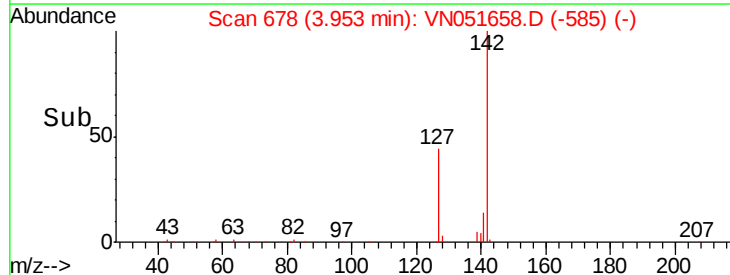
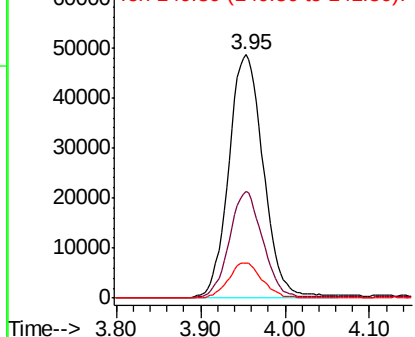


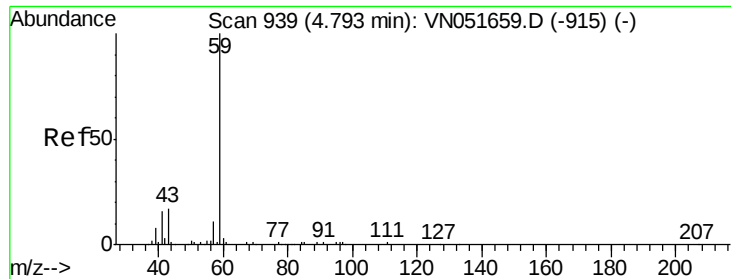
#10
 Methyl Iodide
 Concen: 20.561 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion:142 Resp: 139235
 Ion Ratio Lower Upper
 142 100
 127 42.3 34.7 52.1
 141 14.1 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

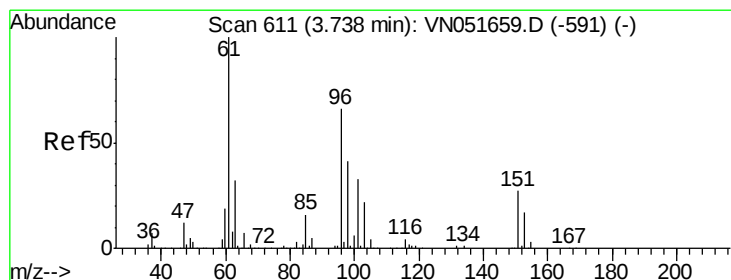
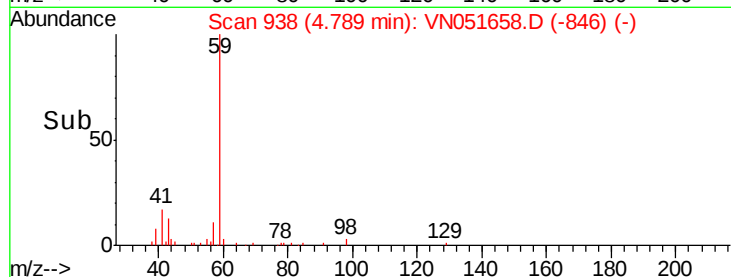
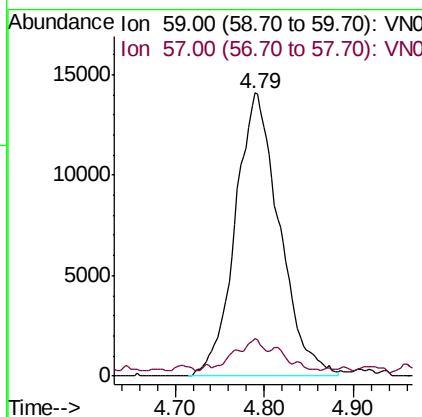
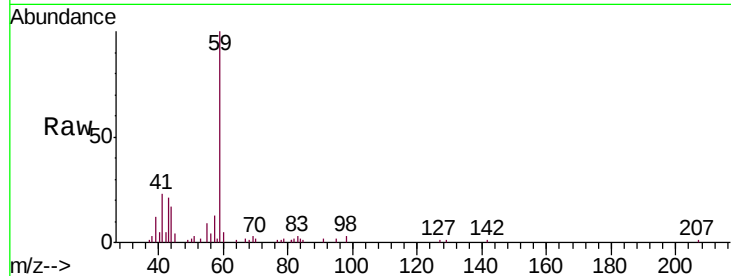




#11
Tert butyl alcohol
Concen: 104.911 ug/l
RT: 4.79 min Scan# 938
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

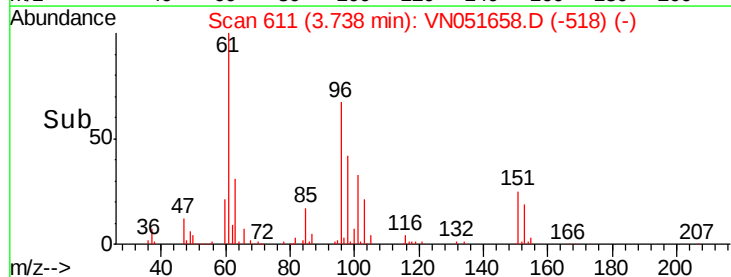
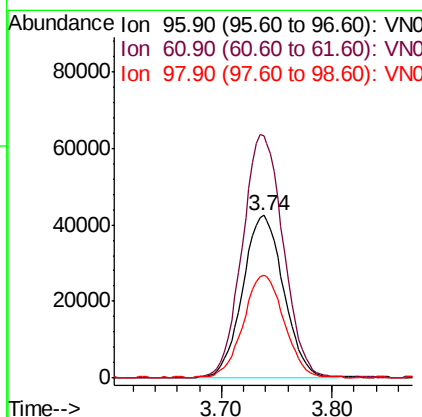
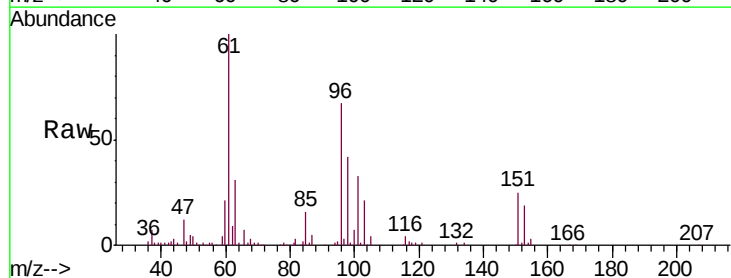
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

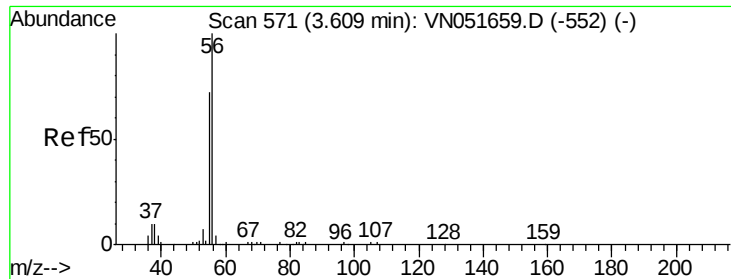
Tgt Ion: 59 Resp: 48525
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 21.157 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 96 Resp: 109544
Ion Ratio Lower Upper
96 100
61 148.7 121.4 182.0
98 62.7 49.9 74.9

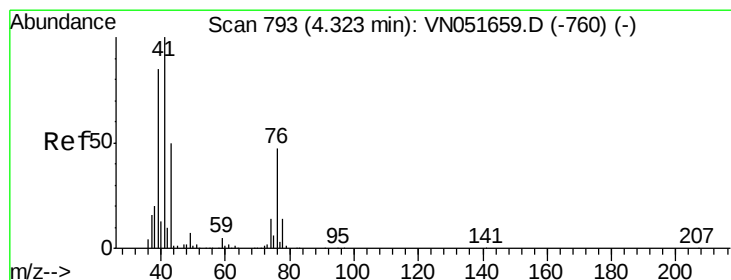
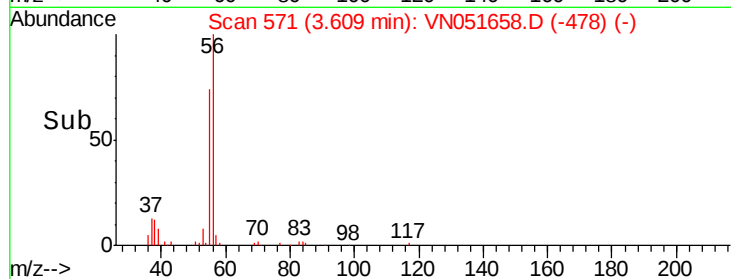
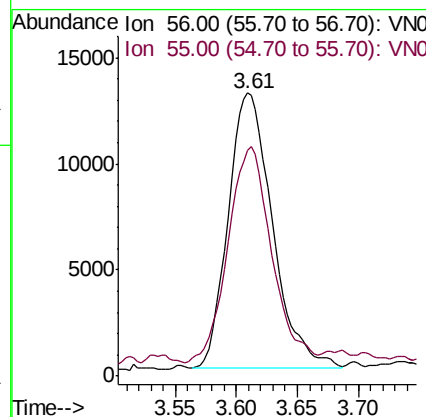
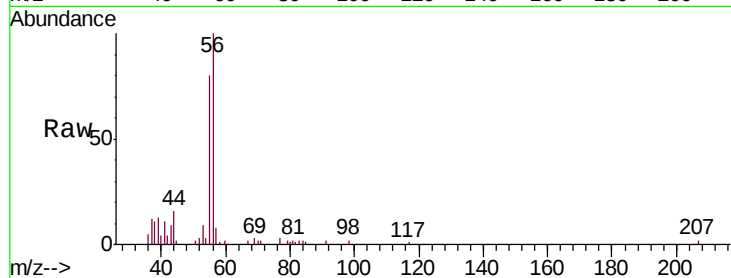




#13
Acrolein
Concen: 104.487 ug/l
RT: 3.61 min Scan# 571
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

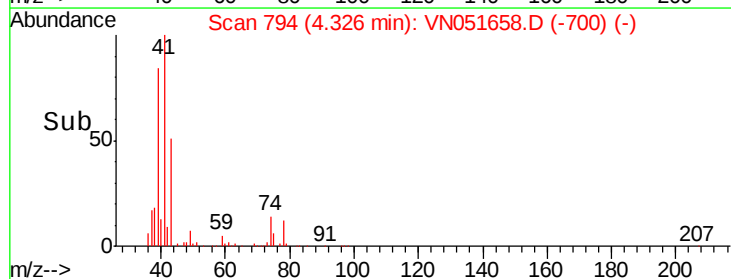
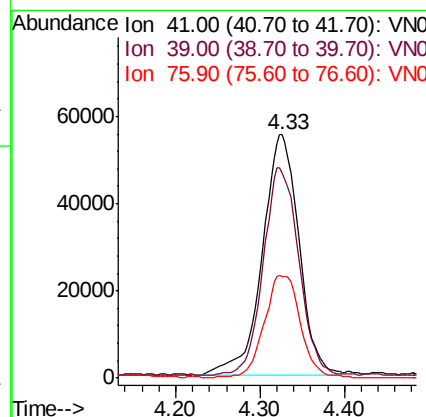
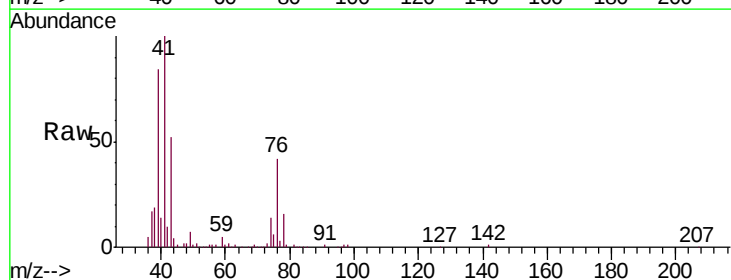
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

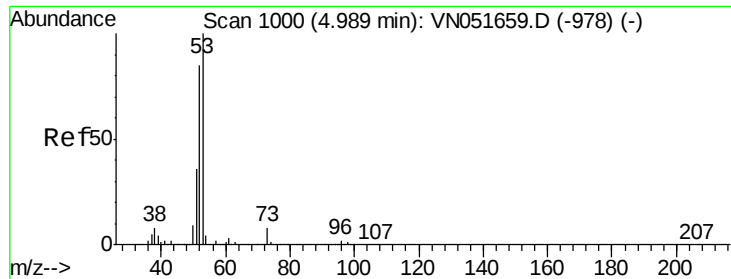
Tgt Ion: 56 Resp: 32584
Ion Ratio Lower Upper
56 100
55 77.0 57.5 86.3



#14
Allyl chloride
Concen: 21.036 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 41 Resp: 166119
Ion Ratio Lower Upper
41 100
39 83.5 65.4 98.0
76 42.4 34.3 51.5





#15

Acrylonitrile

Concen: 100.612 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

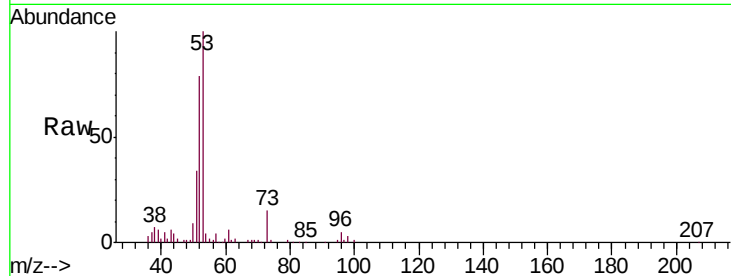
Tgt Ion: 53 Resp: 173303

Ion Ratio Lower Upper

53 100

52 82.7 66.2 99.2

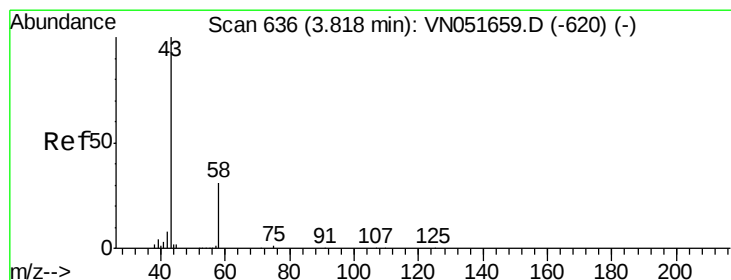
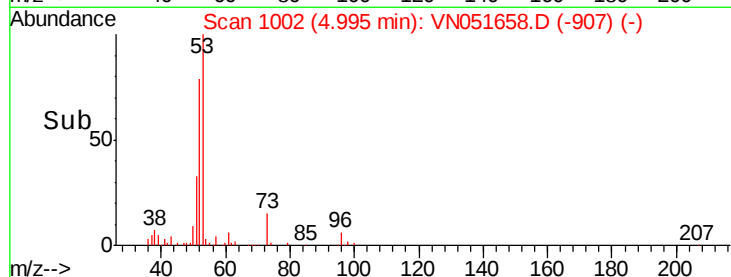
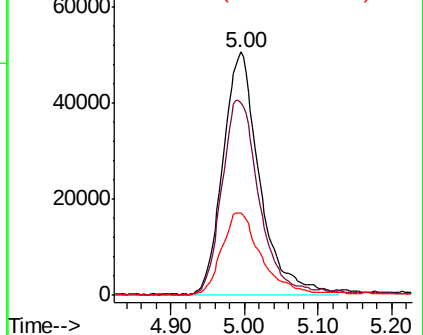
51 37.1 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 103.183 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051658.D

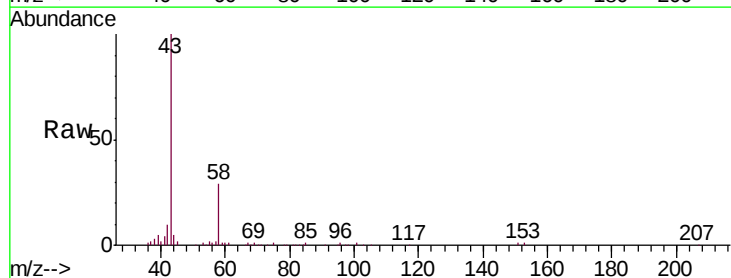
Acq: 4 Oct 2018 11:16

Tgt Ion: 43 Resp: 138700

Ion Ratio Lower Upper

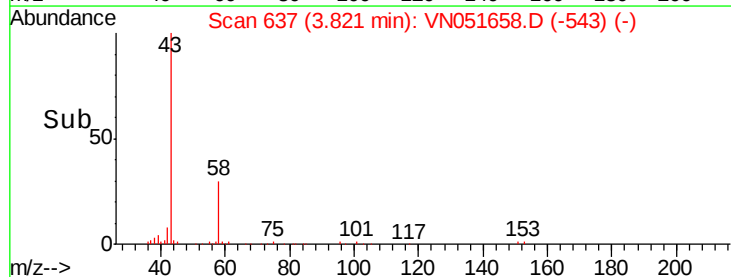
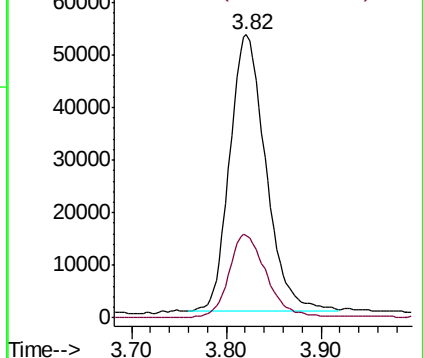
43 100

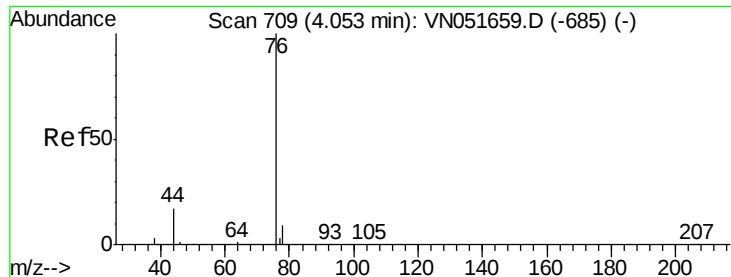
58 29.7 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

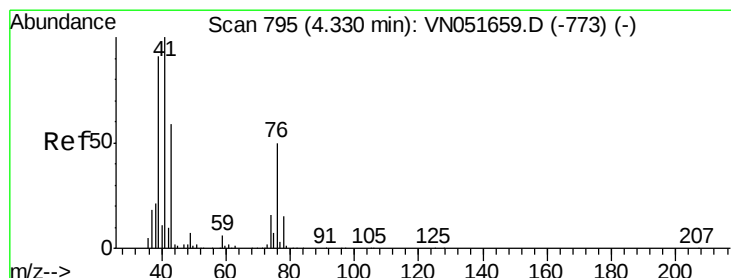
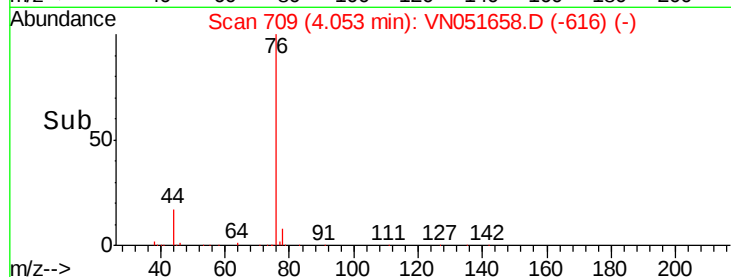
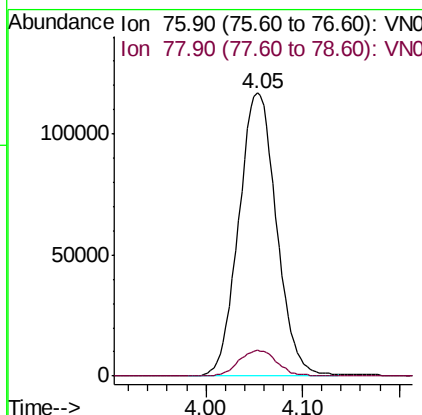
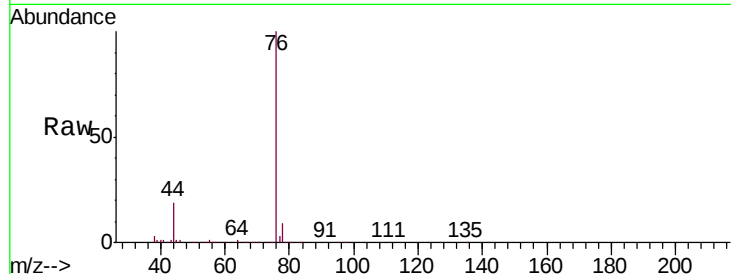




#17
Carbon Disulfide
Concen: 20.159 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

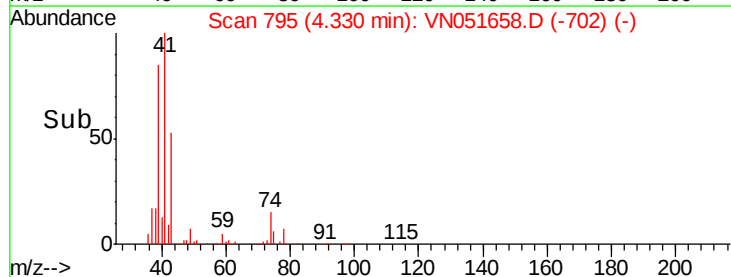
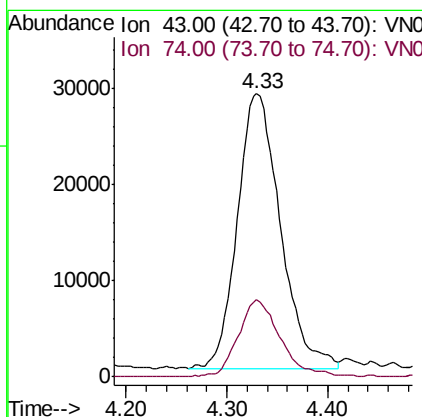
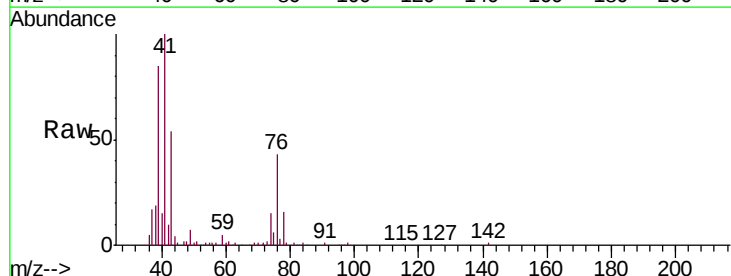
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

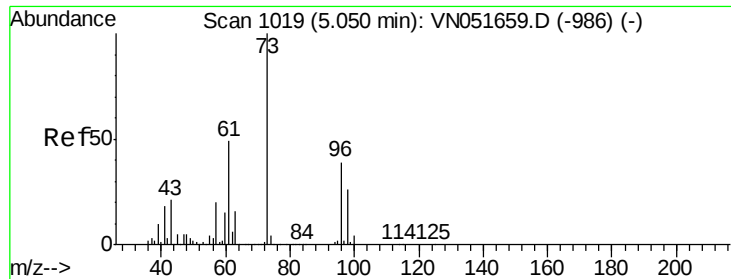
Tgt Ion: 76 Resp: 317270
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 20.800 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 43 Resp: 84322
Ion Ratio Lower Upper
43 100
74 27.8 21.5 32.3

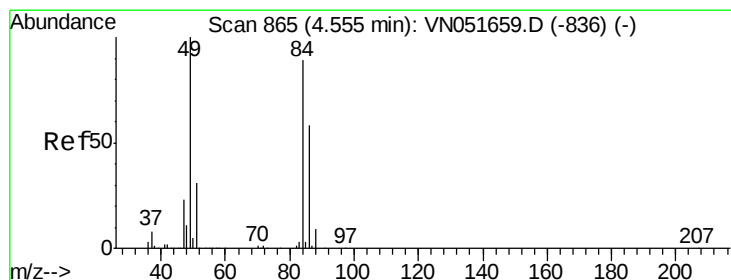
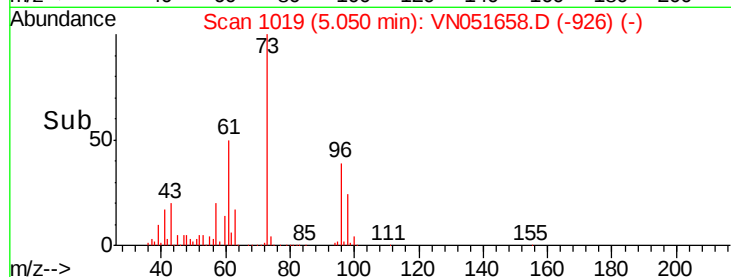
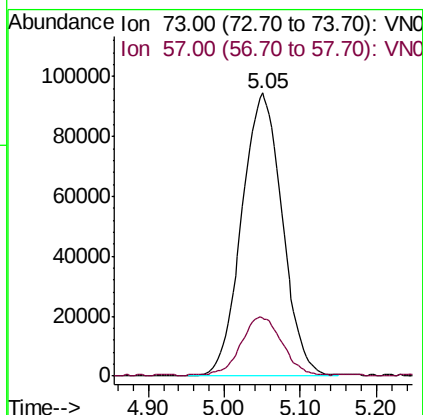
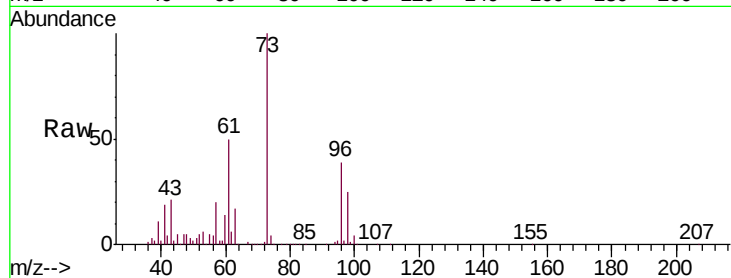




#19
Methyl tert-butyl Ether
Concen: 20.391 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

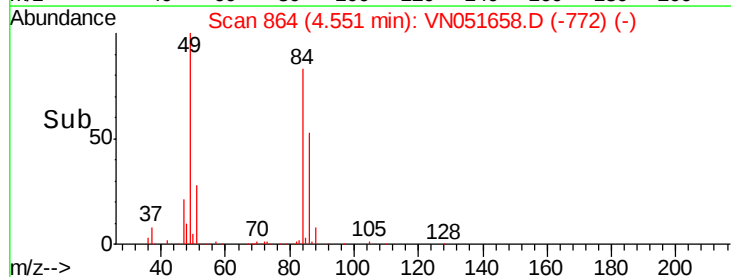
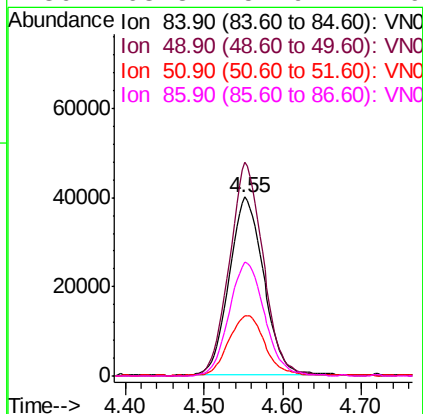
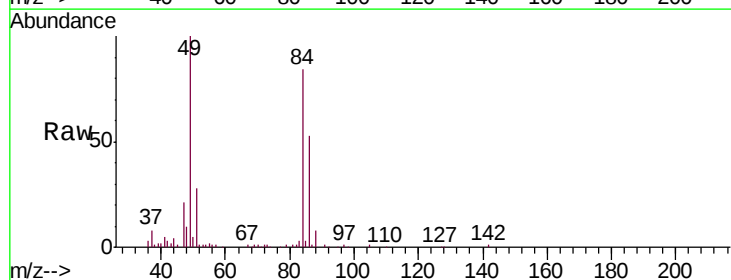
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

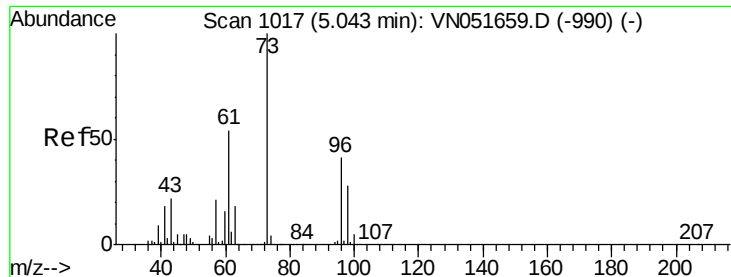
Tgt Ion: 73 Resp: 348492
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4



#20
Methylene Chloride
Concen: 20.329 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 84 Resp: 122847
Ion Ratio Lower Upper
84 100
49 120.0 89.5 134.3
51 33.1 27.4 41.0
86 63.8 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.901 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

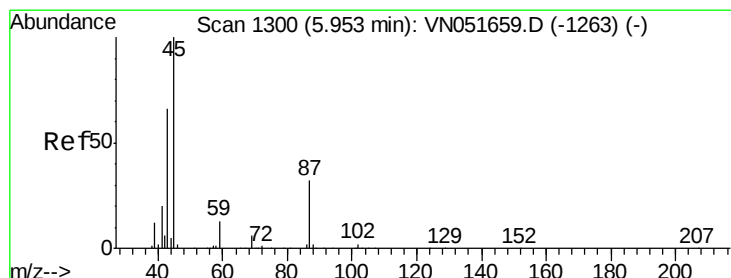
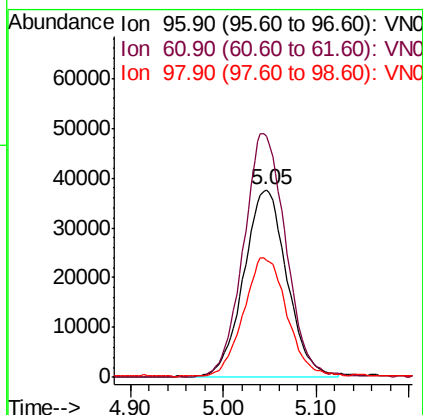
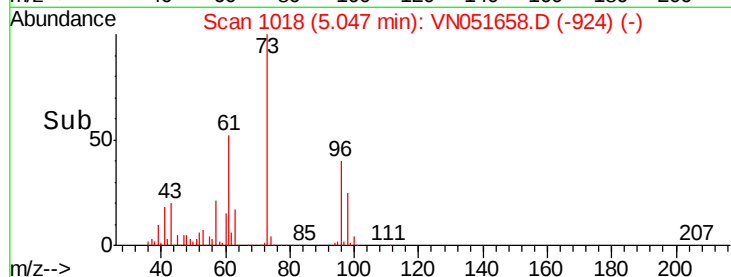
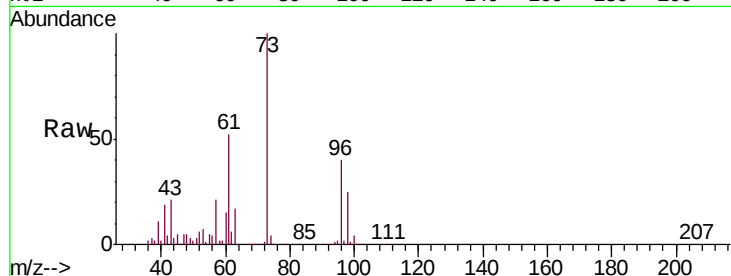
Tgt Ion: 96 Resp: 122104

Ion Ratio Lower Upper

96 100

61 128.4 104.7 157.1

98 61.8 54.6 82.0



#22

Diisopropyl ether

Concen: 20.814 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Tgt Ion: 45 Resp: 352338

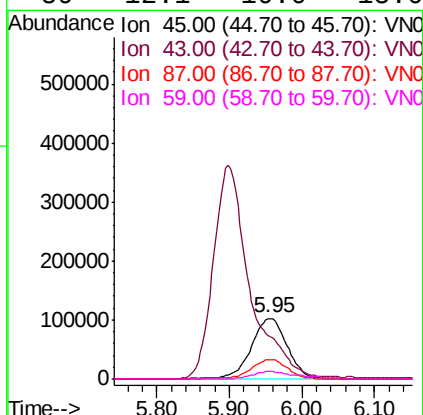
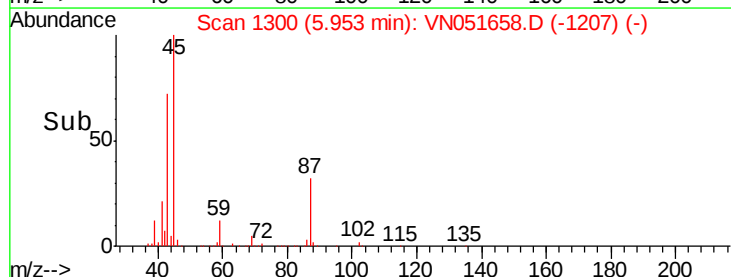
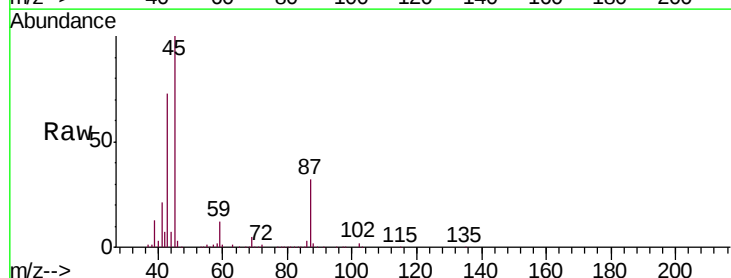
Ion Ratio Lower Upper

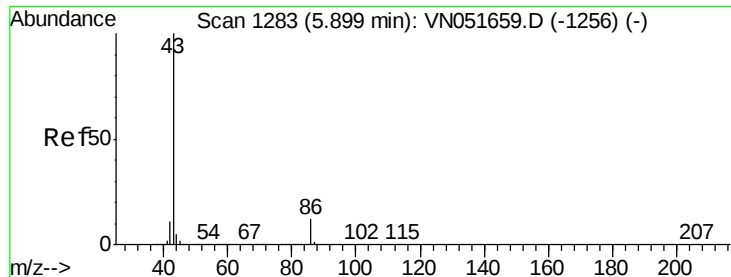
45 100

43 69.4 53.0 79.4

87 32.0 26.4 39.6

59 12.1 10.0 15.0





#23

Vinyl Acetate

Concen: 101.409 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

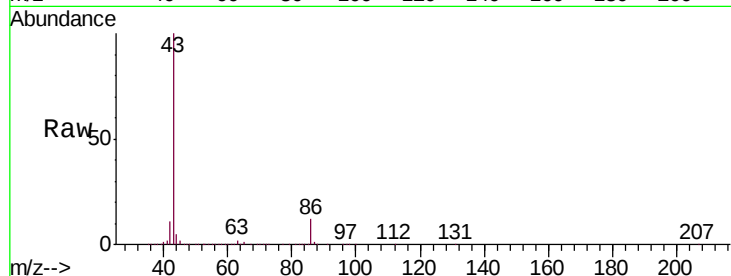
VSTDIC020

Tgt Ion: 43 Resp: 1262219

Ion Ratio Lower Upper

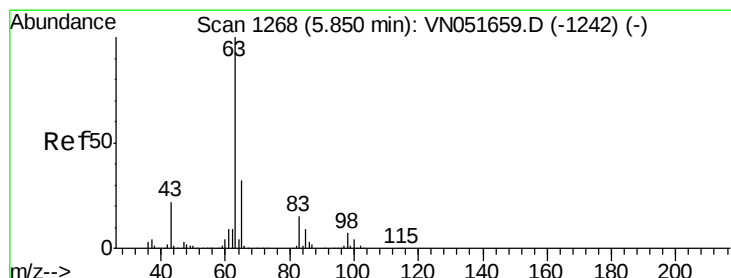
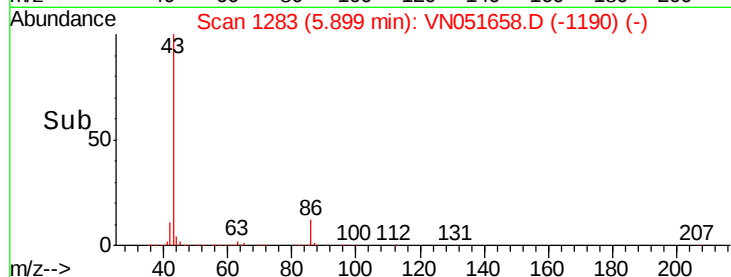
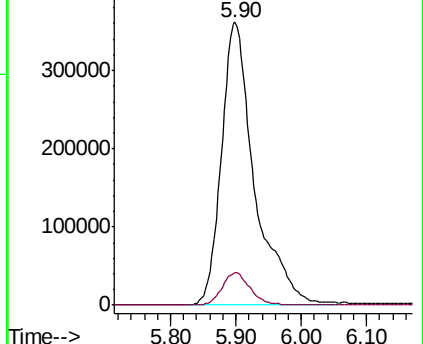
43 100

86 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1256) (-)

Ion 86.00 (85.70 to 86.70): VN051659.D (-1256) (-)



#24

1,1-Dichloroethane

Concen: 20.302 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

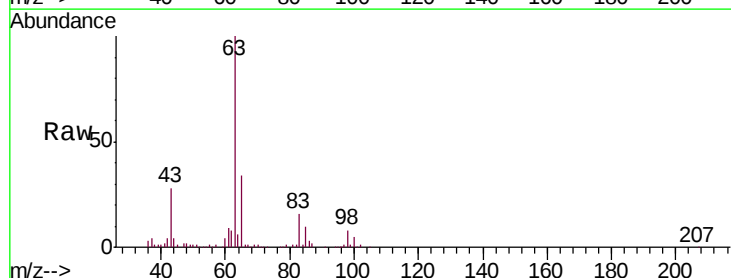
Tgt Ion: 63 Resp: 221029

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.9

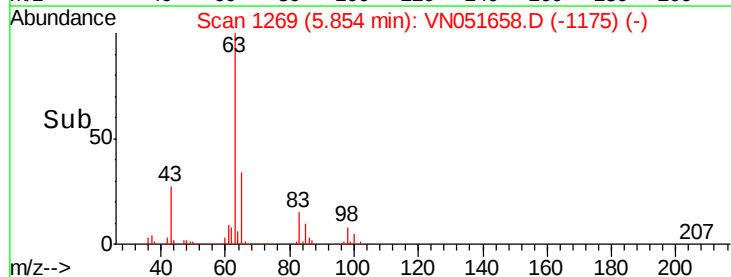
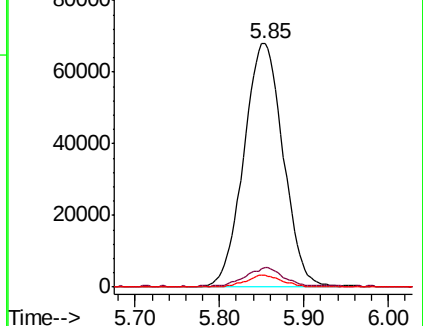
100 4.7 2.2 6.6

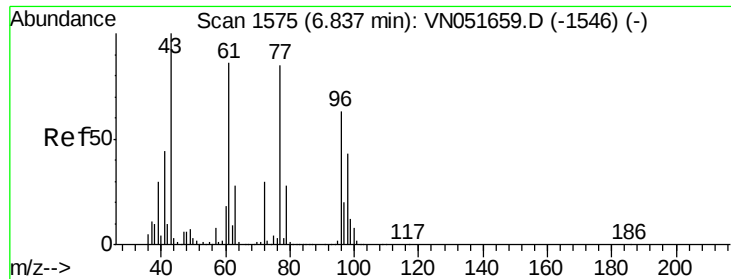


Abundance Ion 62.90 (62.60 to 63.60): VN051659.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN051659.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN051659.D (-1242) (-)





#25

2-Butanone

Concen: 101.393 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

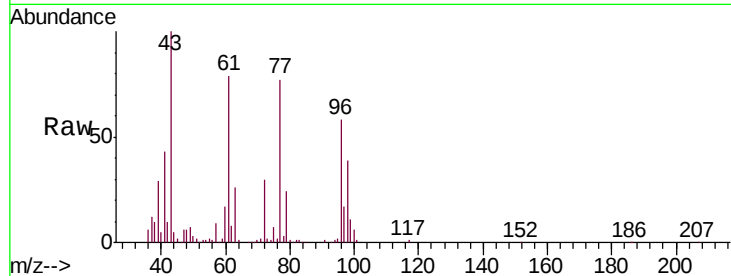
VSTDIC020

Tgt Ion: 43 Resp: 215043

Ion Ratio Lower Upper

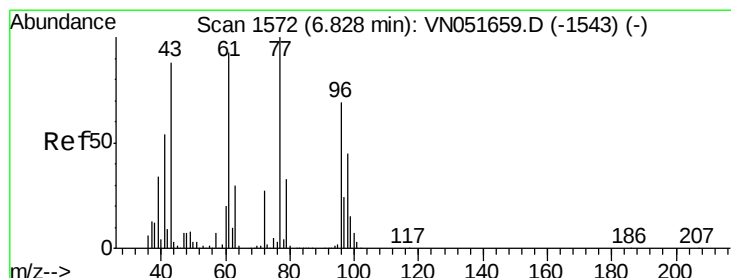
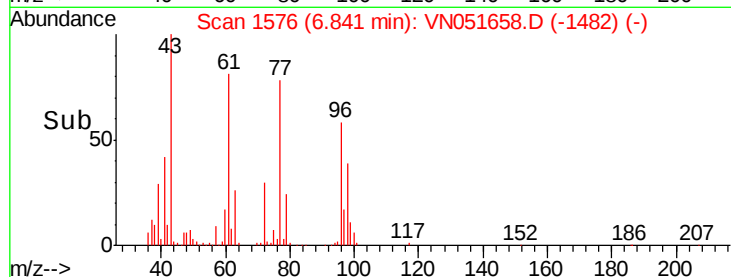
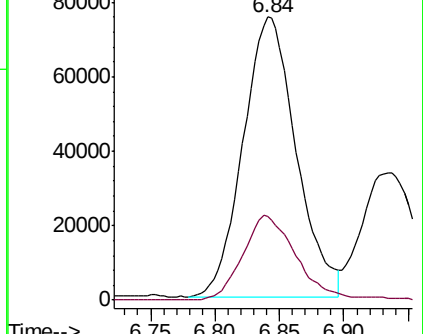
43 100

72 30.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 21.109 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051658.D

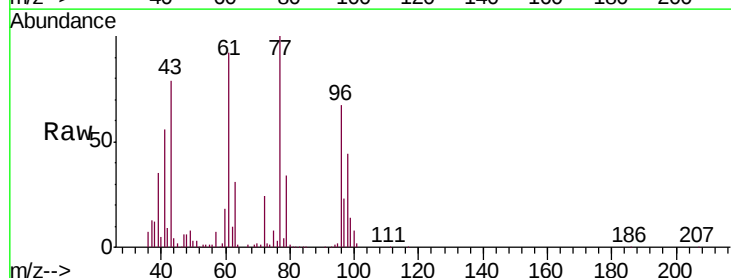
Acq: 4 Oct 2018 11:16

Tgt Ion: 77 Resp: 230299

Ion Ratio Lower Upper

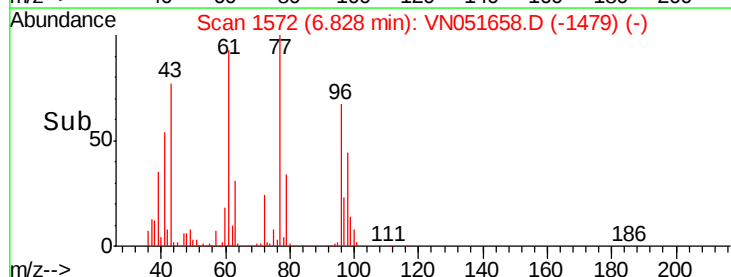
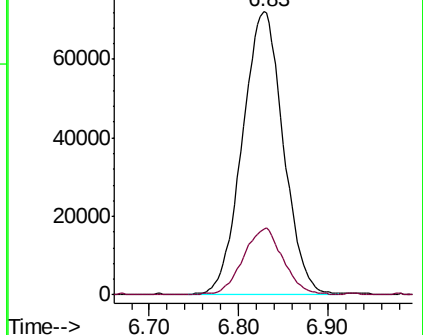
77 100

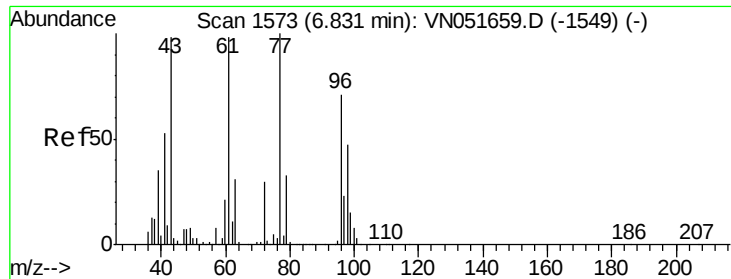
97 23.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

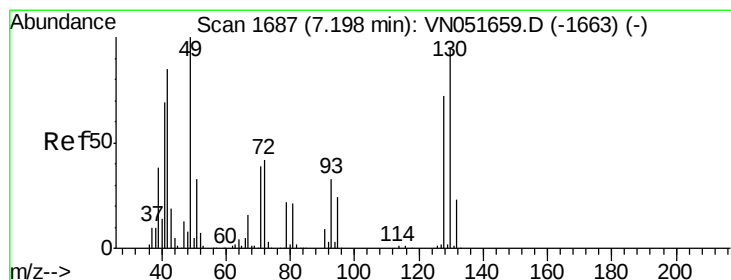
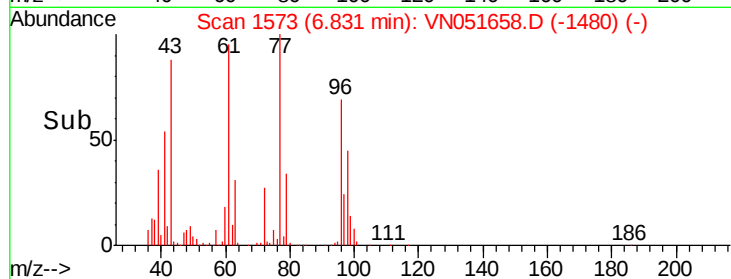
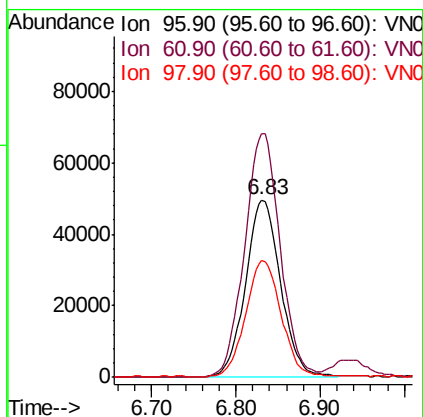
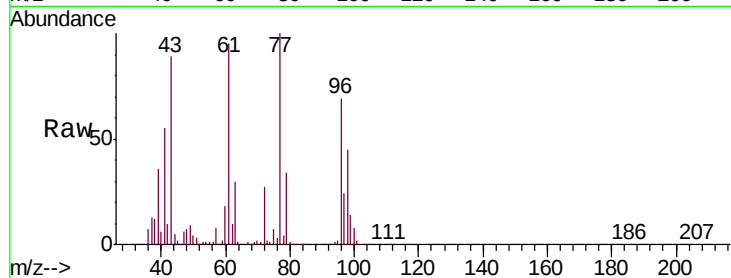




#27
 cis-1,2-Dichloroethene
 Concen: 20.254 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

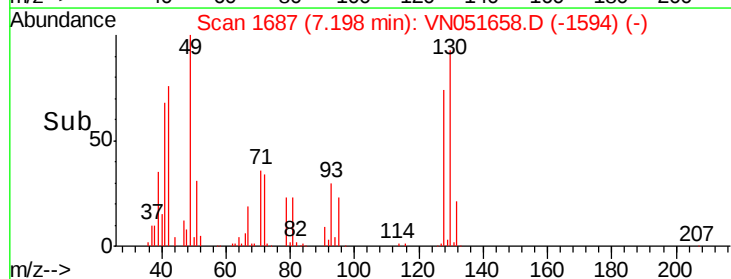
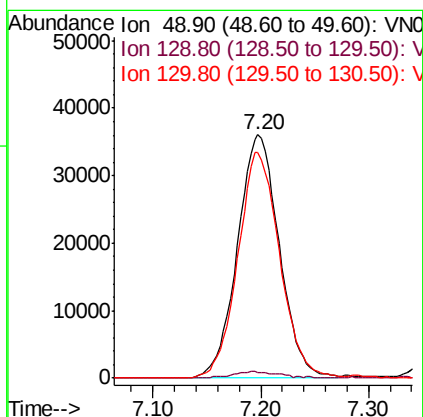
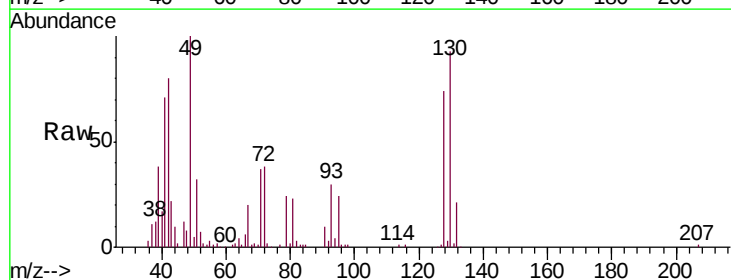
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 144257
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 275.4
 98 65.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.104 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 49 Resp: 96896
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 93.1 75.7 113.5

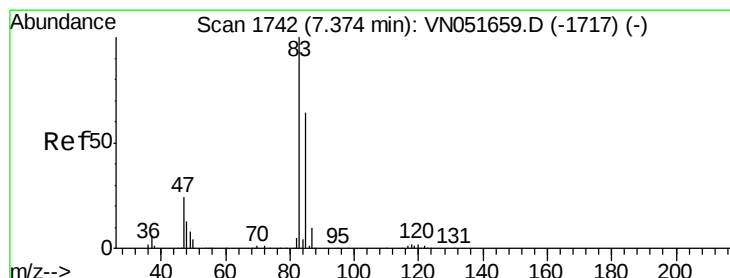
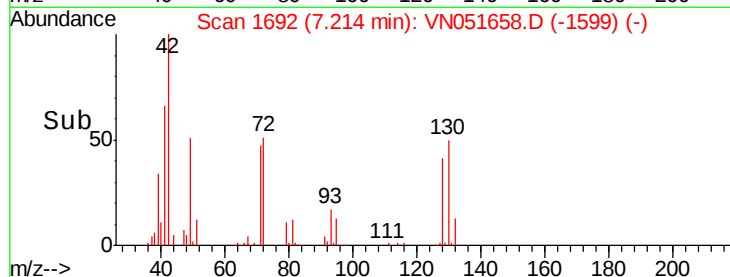
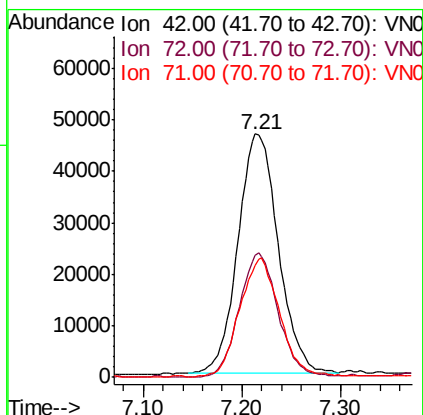
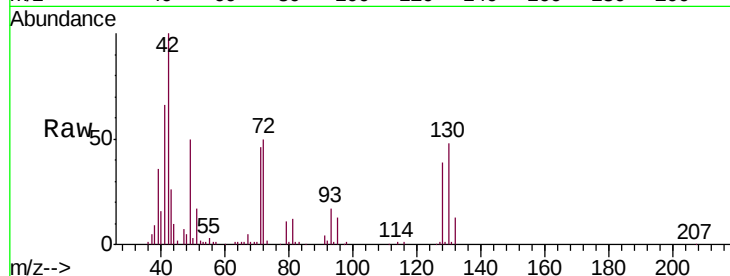




#29
Tetrahydrofuran
Concen: 101.416 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

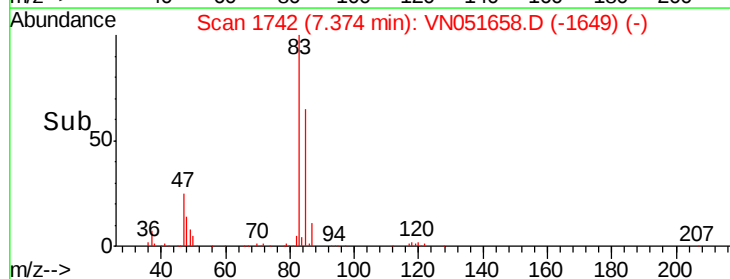
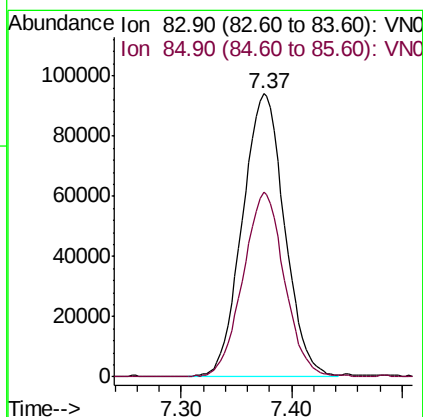
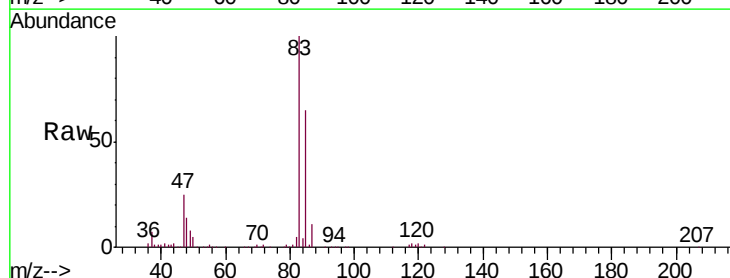
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

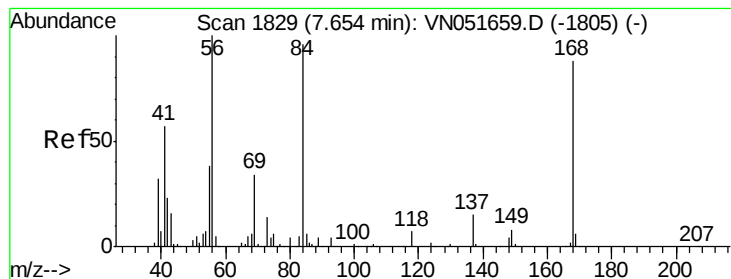
Tgt Ion: 42 Resp: 131994
Ion Ratio Lower Upper
42 100
72 50.2 40.1 60.1
71 49.8 38.0 57.0



#30
Chloroform
Concen: 20.401 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 83 Resp: 249546
Ion Ratio Lower Upper
83 100
85 65.4 51.6 77.4





#31

Cyclohexane

Concen: 20.425 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

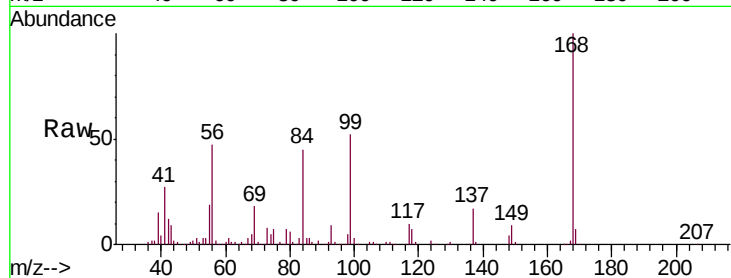
Tgt Ion: 56 Resp: 203649

Ion Ratio Lower Upper

56 100

69 38.4 27.5 41.3

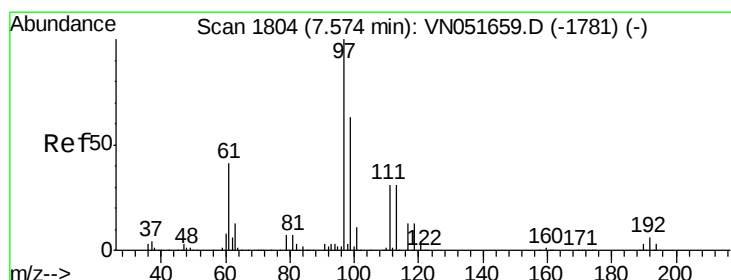
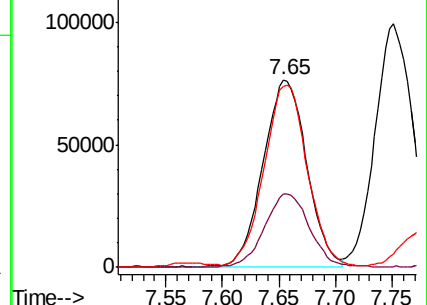
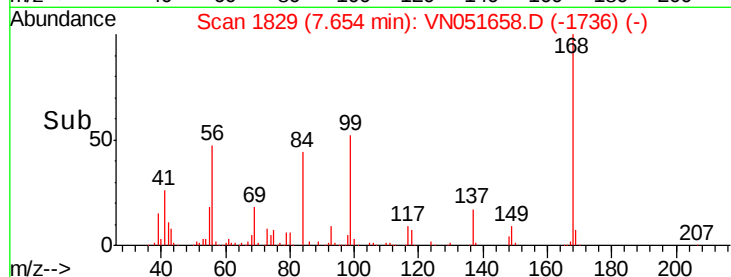
84 94.0 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.086 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

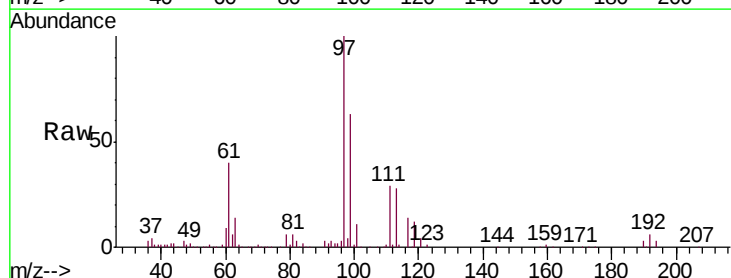
Tgt Ion: 97 Resp: 238141

Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

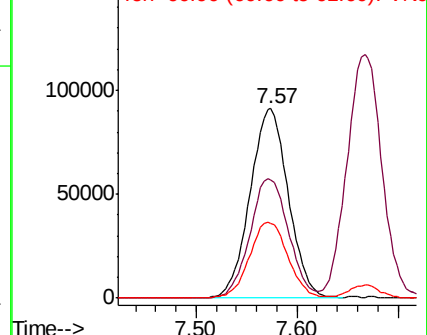
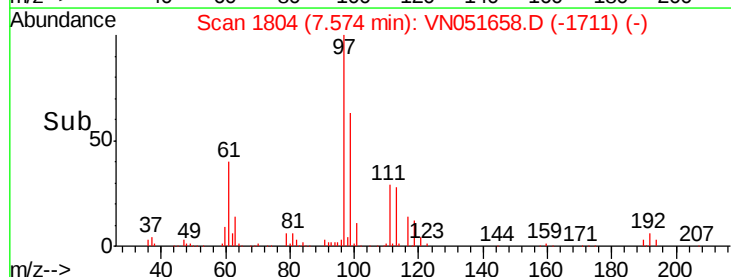
61 40.9 33.4 50.0

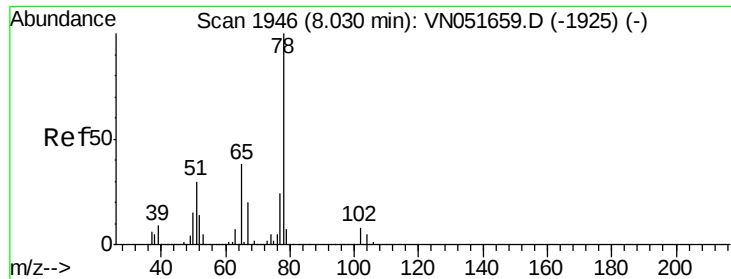


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

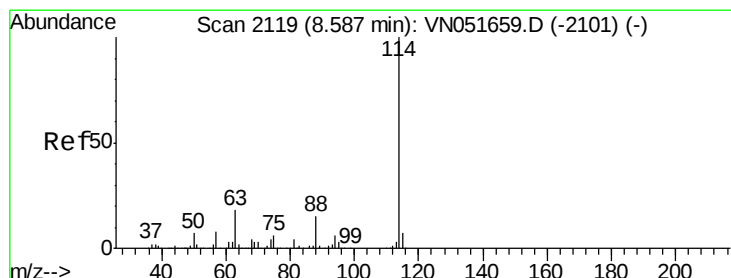
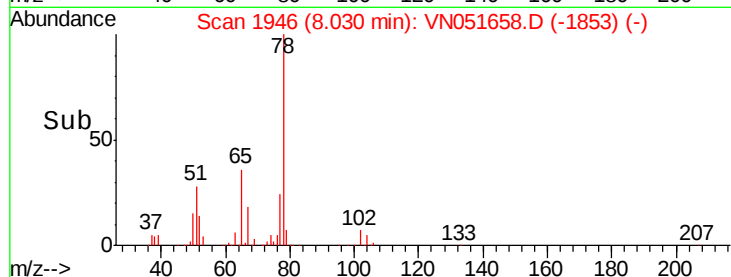
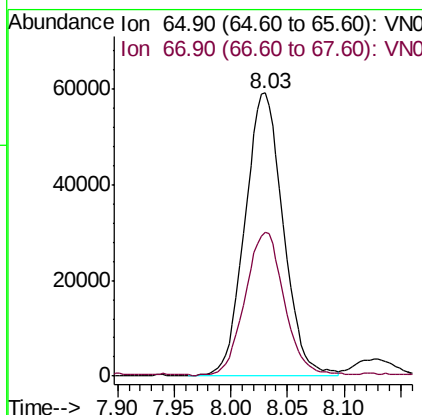
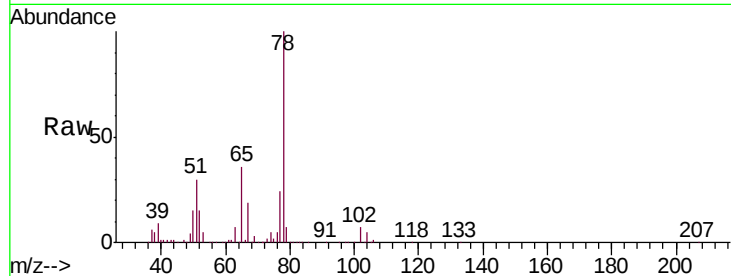




#33
 1,2-Dichloroethane-d4
 Concen: 20.086 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

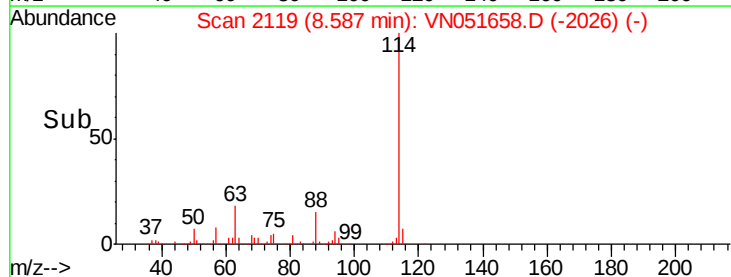
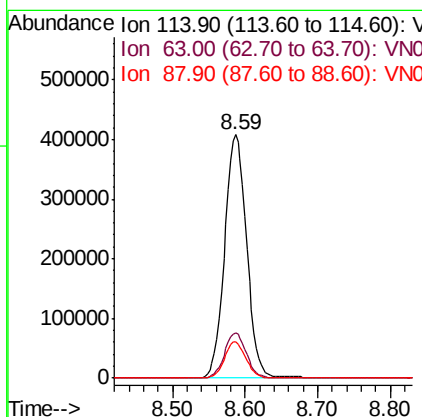
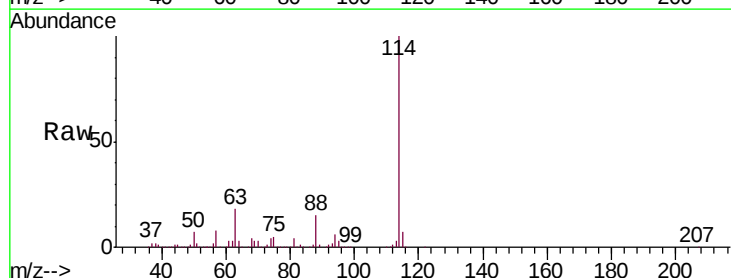
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

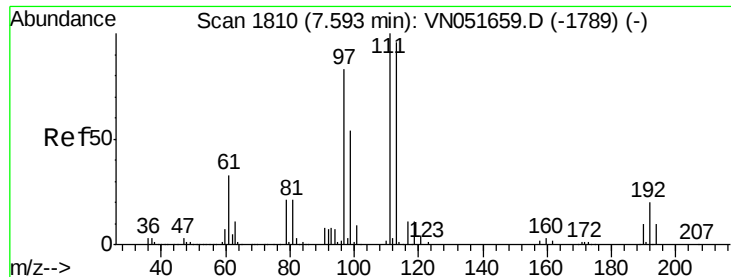
Tgt Ion: 65 Resp: 139388
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 114 Resp: 859885
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 14.8 0.0 30.2

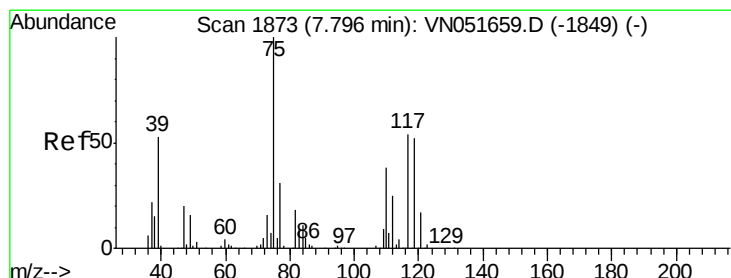
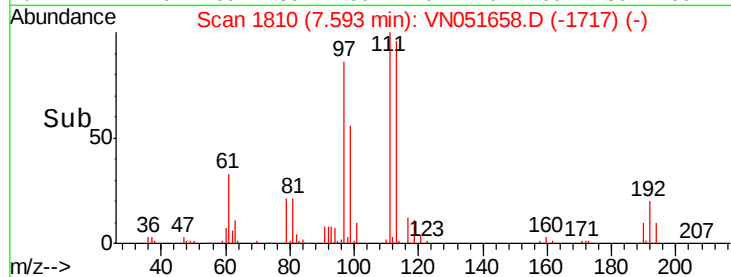
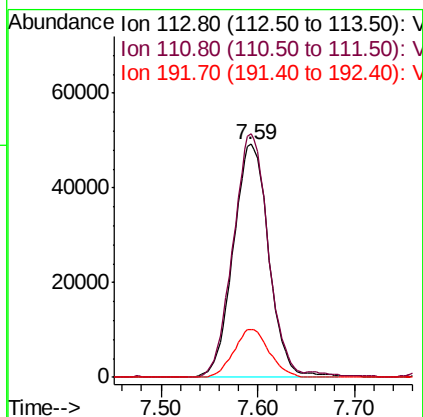
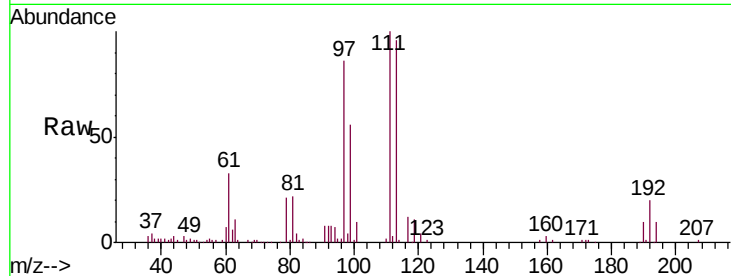




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

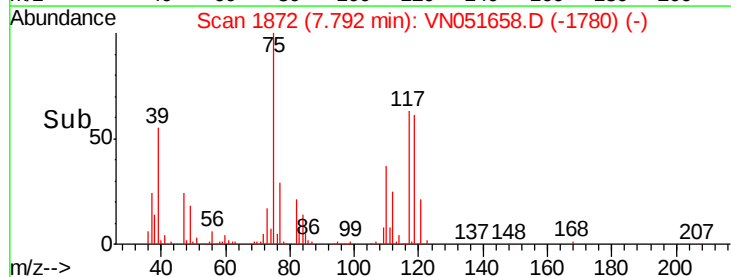
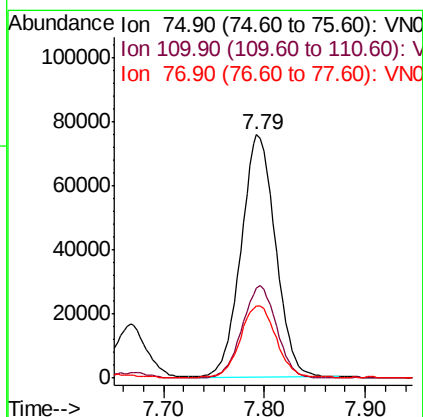
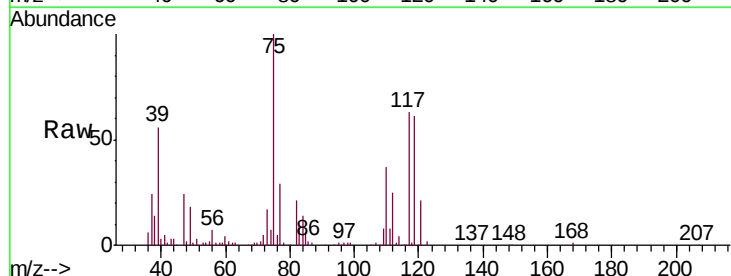
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

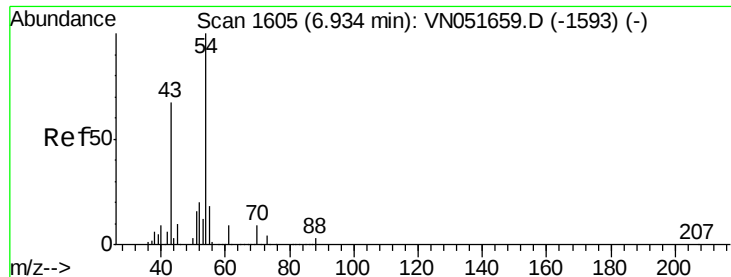
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	20.5	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 19.913 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.3	57.8
77	30.8	24.7	37.1

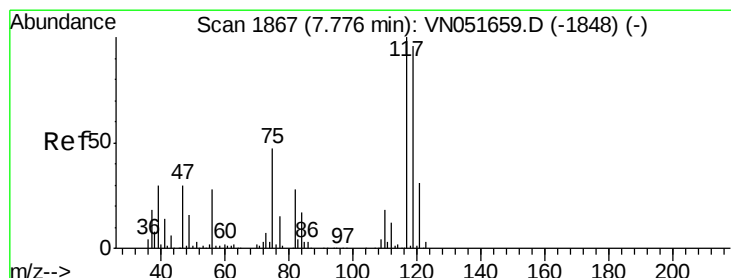
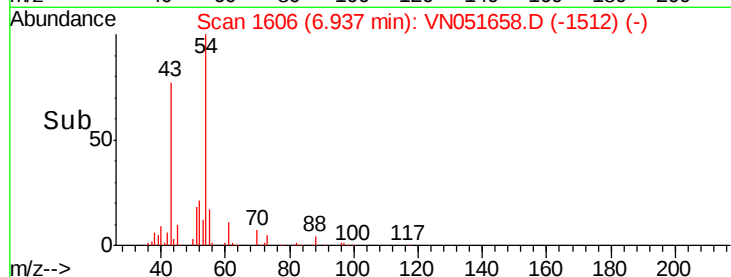
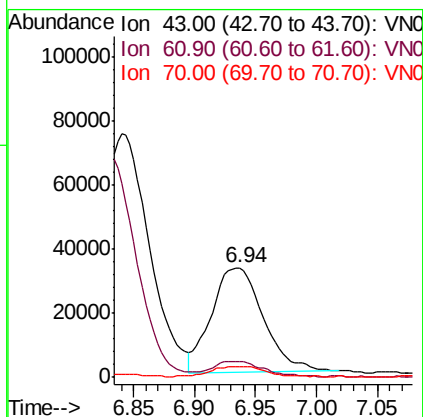
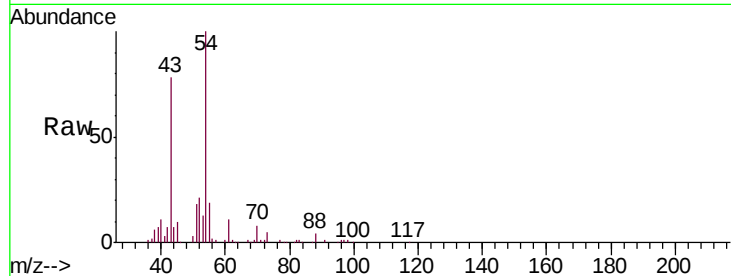




#37
Ethyl Acetate
Concen: 20.485 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

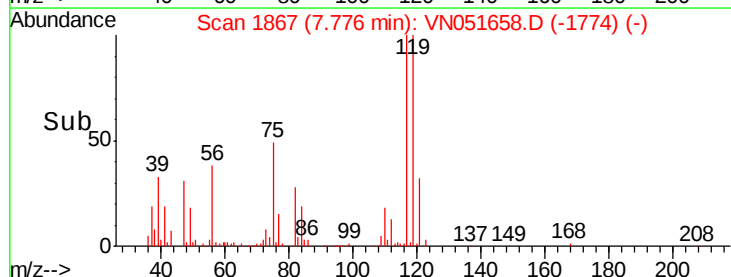
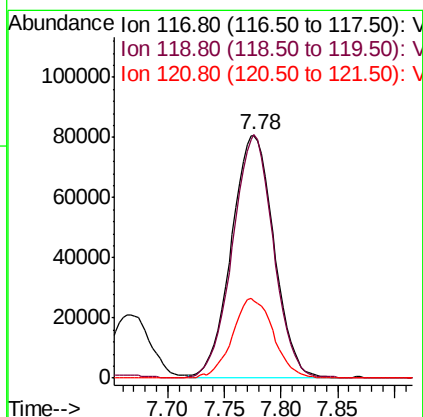
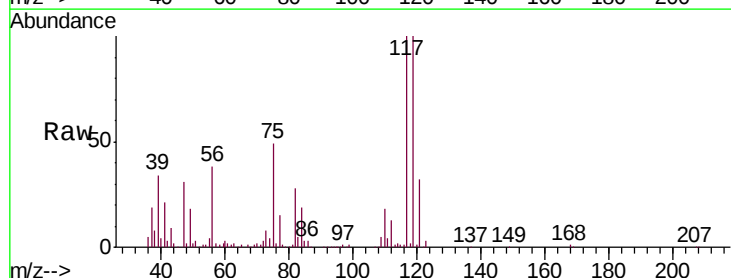
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

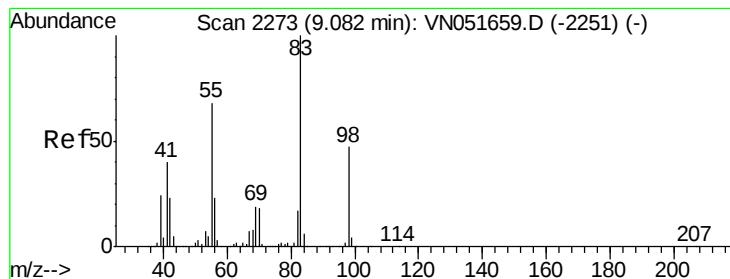
Tgt Ion: 43 Resp: 96025
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.453 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 117 Resp: 209802
Ion Ratio Lower Upper
117 100
119 100.3 77.0 115.6
121 31.9 25.0 37.6





#39

Methylcyclohexane

Concen: 19.979 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

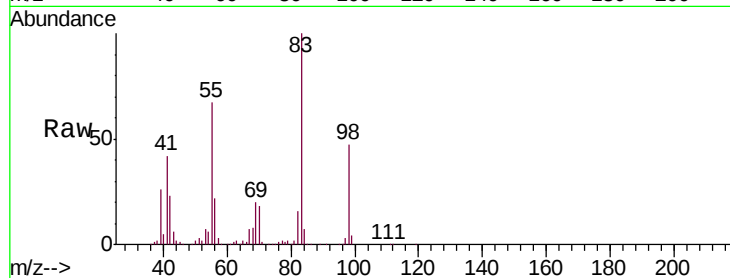
Tgt Ion: 83 Resp: 225408

Ion Ratio Lower Upper

83 100

55 66.2 54.3 81.5

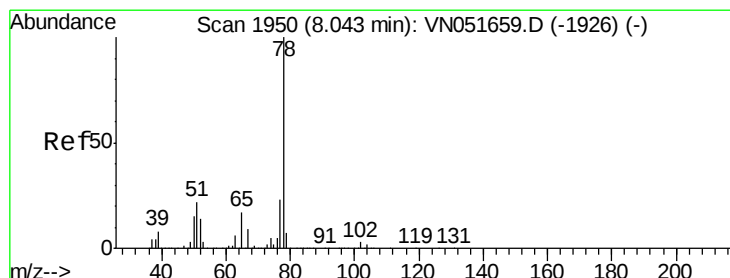
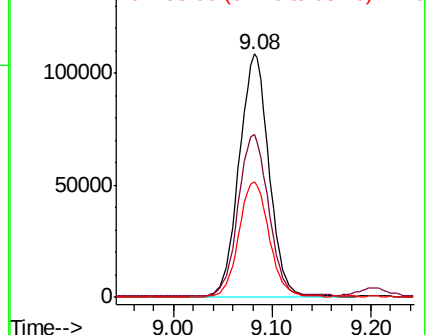
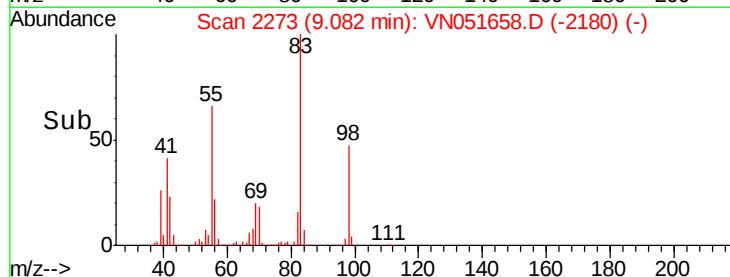
98 47.3 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN051658.D (-2180) (-)

Ion 55.00 (54.70 to 55.70): VN051658.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN051658.D (-2180) (-)



#40

Benzene

Concen: 20.023 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051658.D

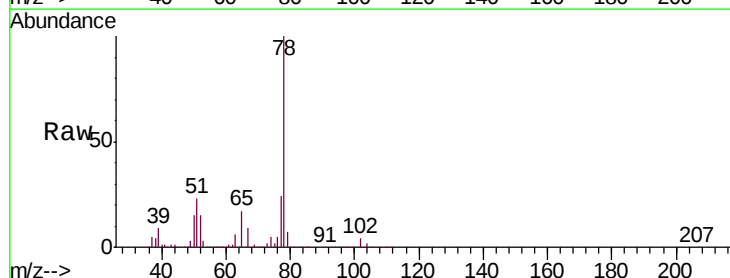
Acq: 4 Oct 2018 11:16

Tgt Ion: 78 Resp: 533496

Ion Ratio Lower Upper

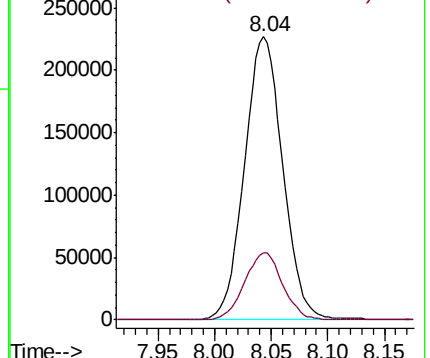
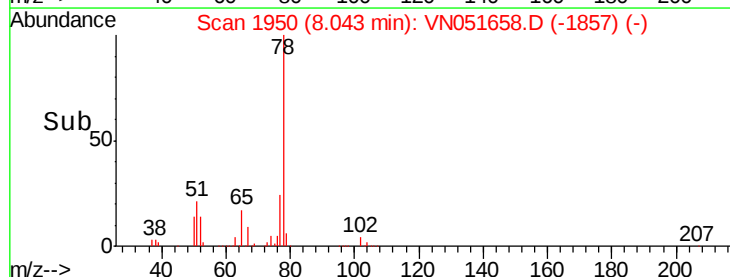
78 100

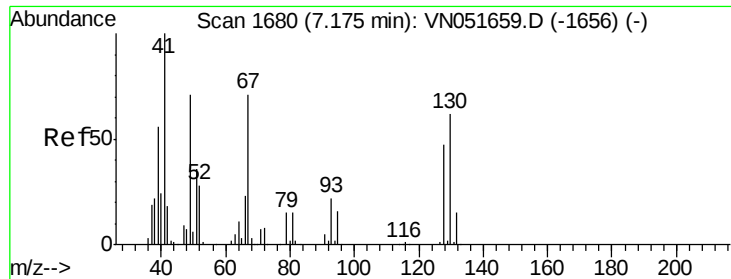
77 23.8 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN051658.D (-1857) (-)

Ion 77.00 (76.70 to 77.70): VN051658.D (-1857) (-)

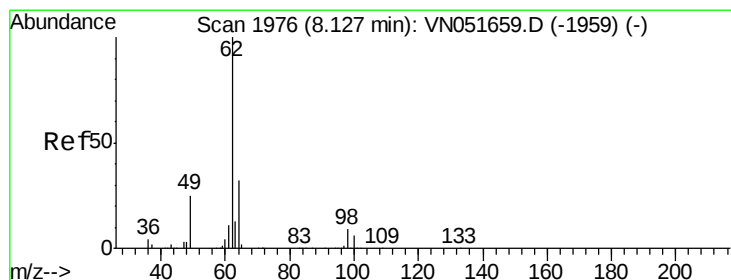
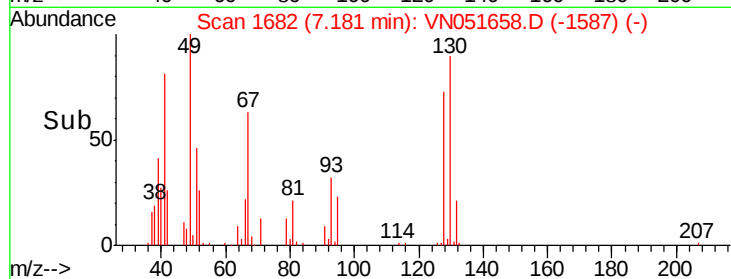
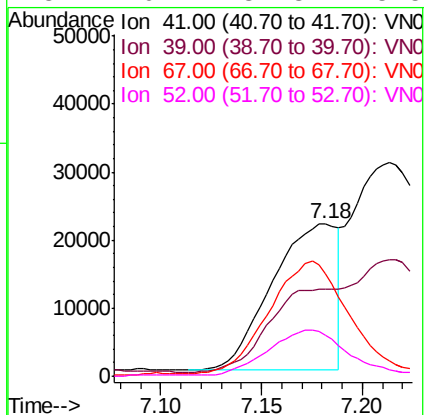
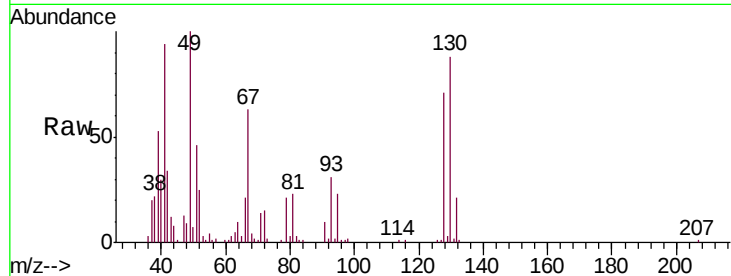




#41
Methacrylonitrile
Concen: 18.775 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

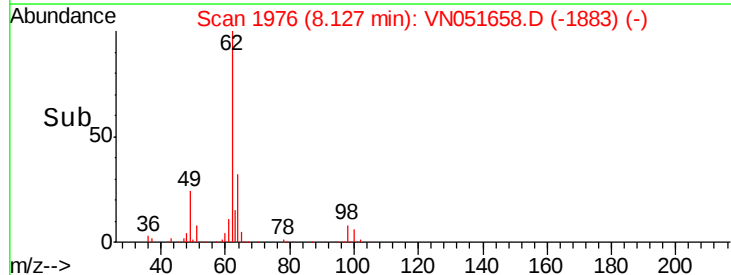
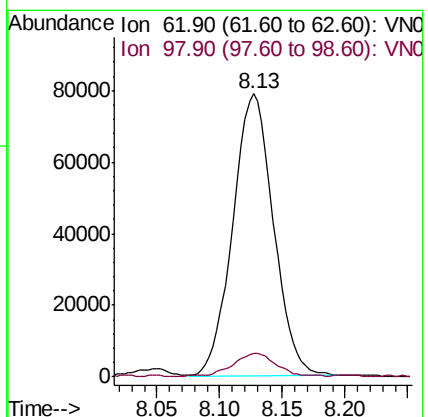
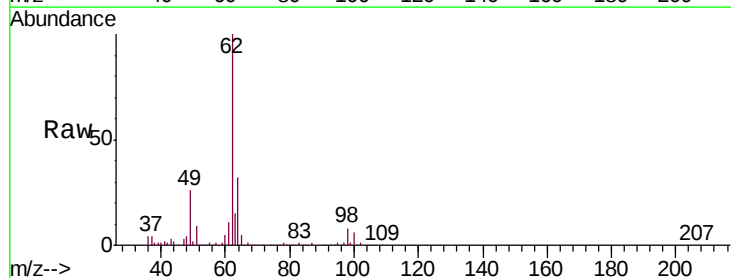
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 48328
Ion Ratio Lower Upper
41 100
39 0.0 53.9 80.9#
67 93.2 78.1 117.1
52 40.2 32.3 48.5



#42
1,2-Dichloroethane
Concen: 19.829 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 62 Resp: 178052
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.4

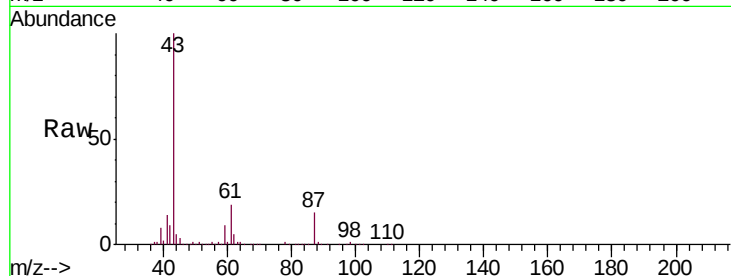




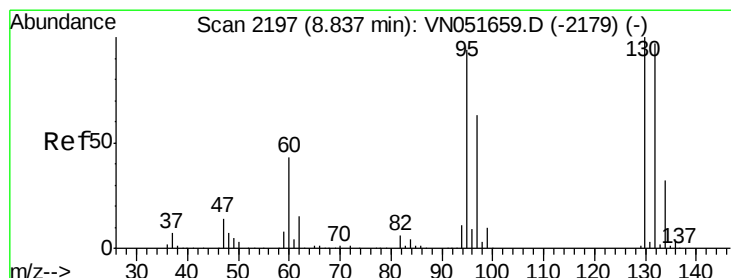
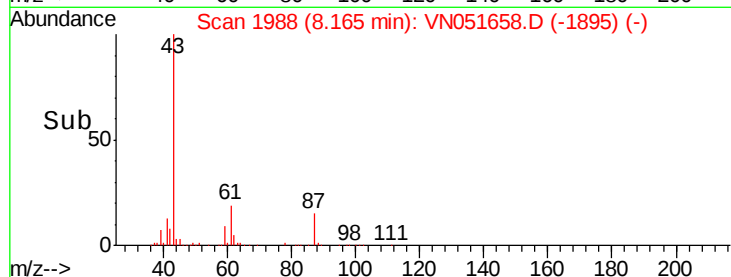
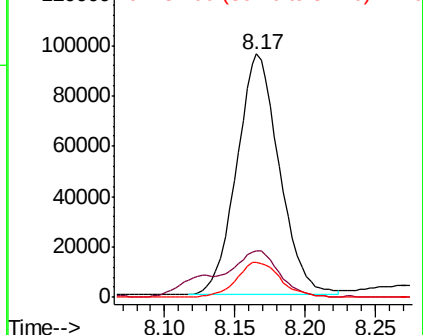
#43
Isopropyl Acetate
Concen: 20.640 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 201726
Ion Ratio Lower Upper
43 100
61 19.8 15.8 23.6
87 15.2 12.6 19.0

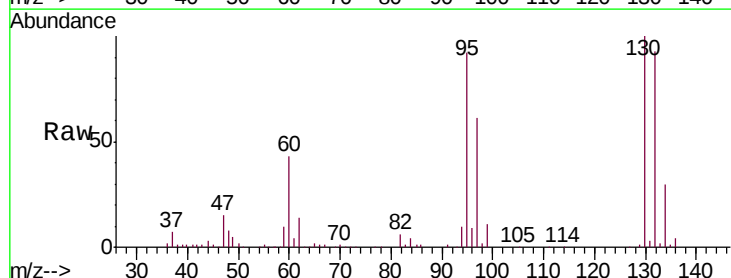


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

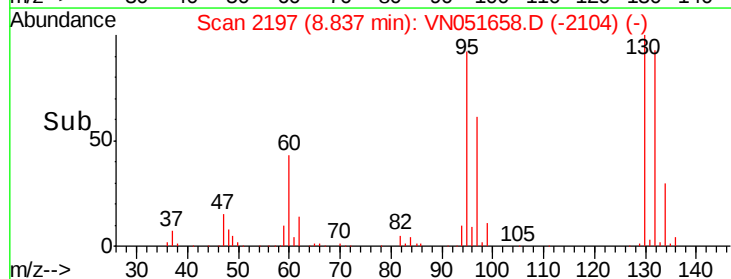
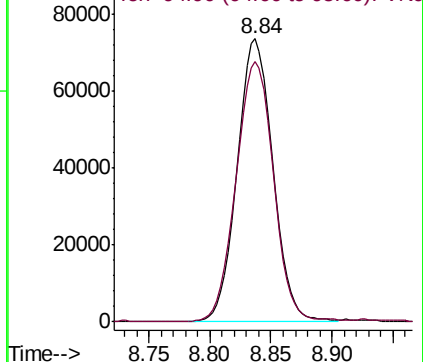


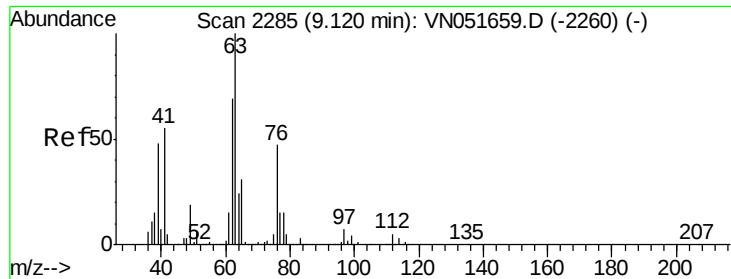
#44
Trichloroethene
Concen: 19.761 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 130 Resp: 149501
Ion Ratio Lower Upper
130 100
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

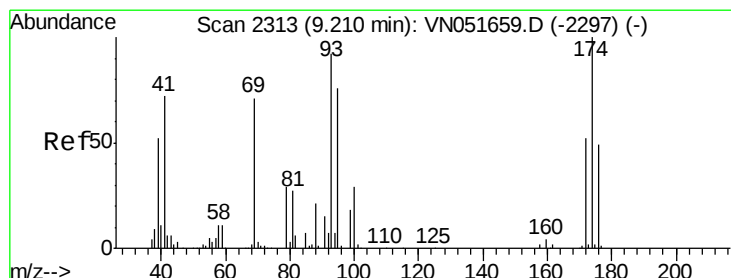
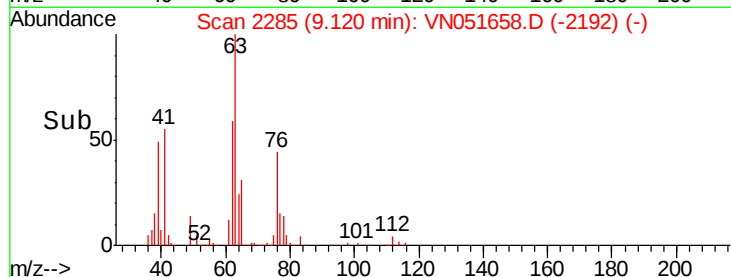
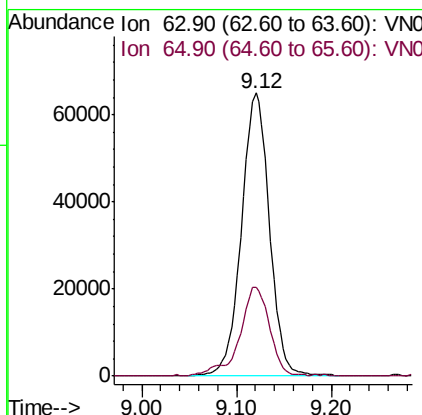
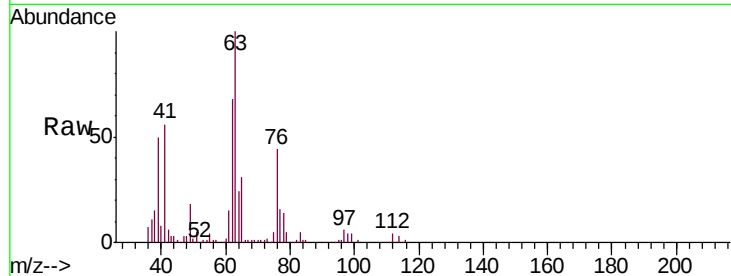




#45
 1,2-Dichloropropane
 Concen: 20.332 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

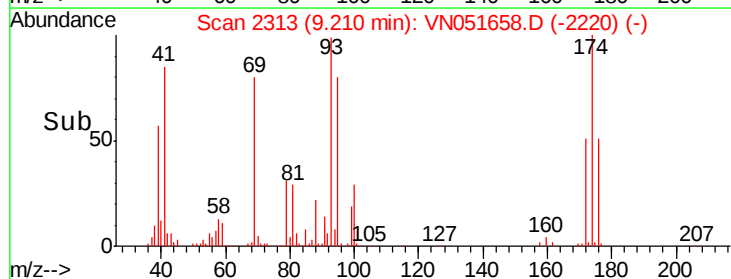
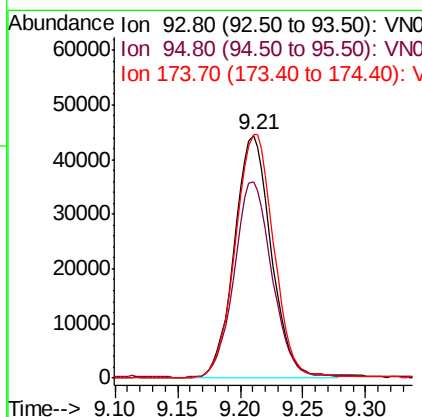
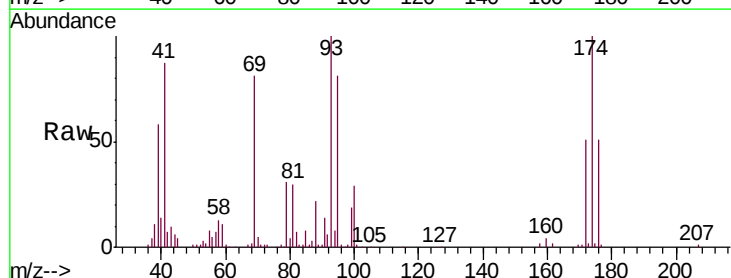
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

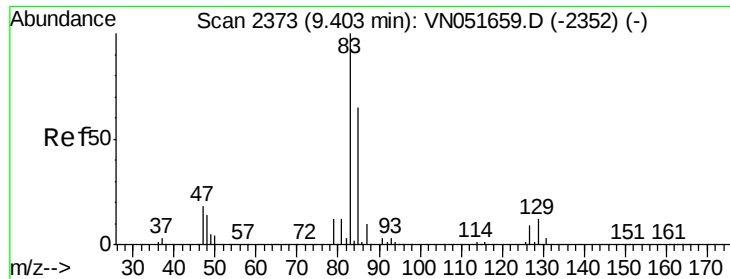
Tgt Ion: 63 Resp: 133942
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 19.919 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 93 Resp: 91208
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 100.0
 174 104.3 85.9 128.9

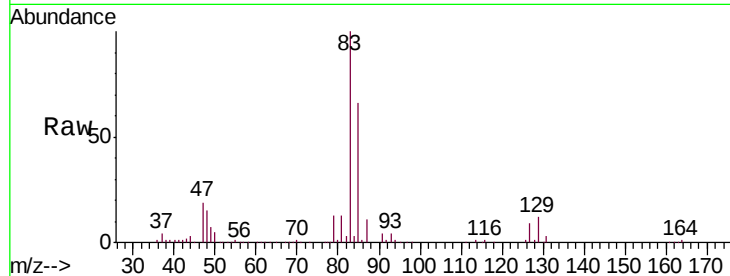




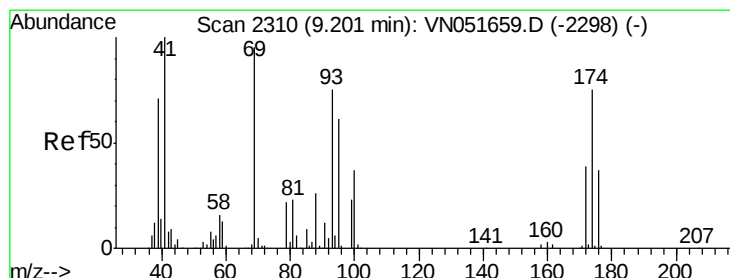
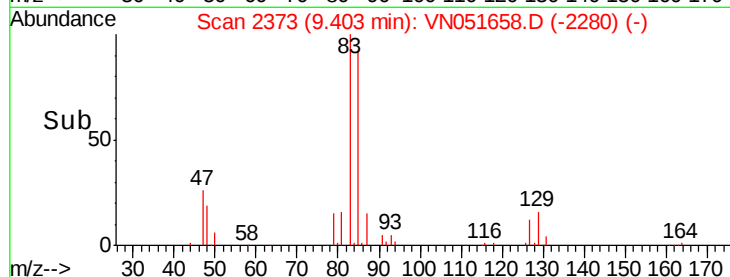
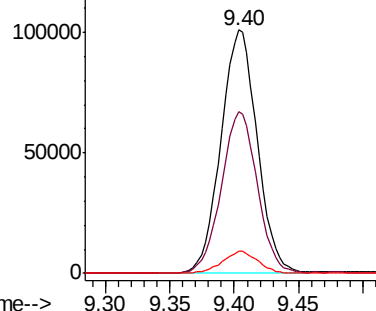
#47
Bromodichloromethane
Concen: 19.718 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 198756
Ion Ratio Lower Upper
83 100
85 66.3 51.6 77.4
127 9.0 7.3 10.9

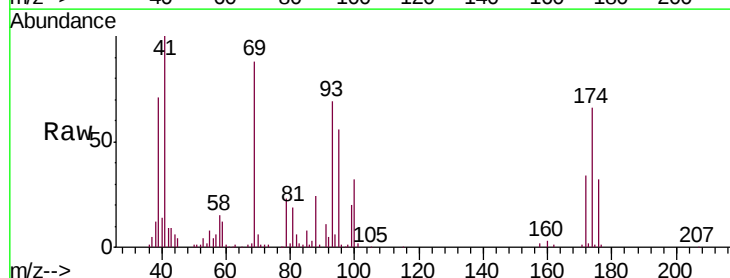


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

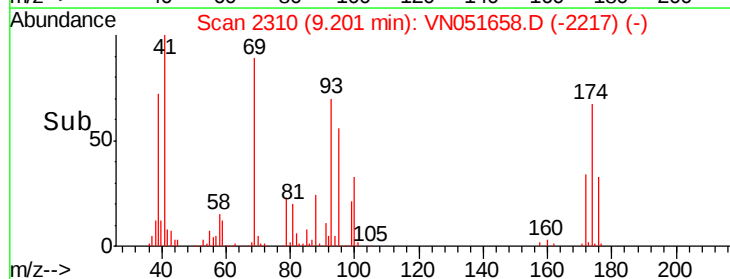
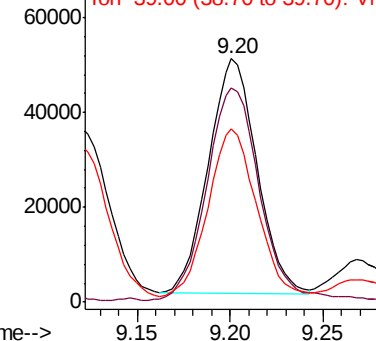


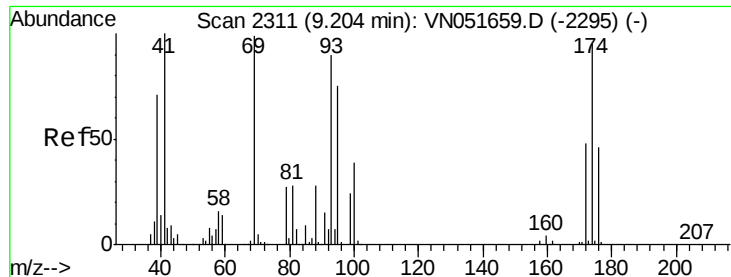
#48
Methyl methacrylate
Concen: 20.213 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 41 Resp: 90271
Ion Ratio Lower Upper
41 100
69 98.4 78.6 118.0
39 72.9 59.2 88.8



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





#49

1,4-Dioxane

Concen: 376.975 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

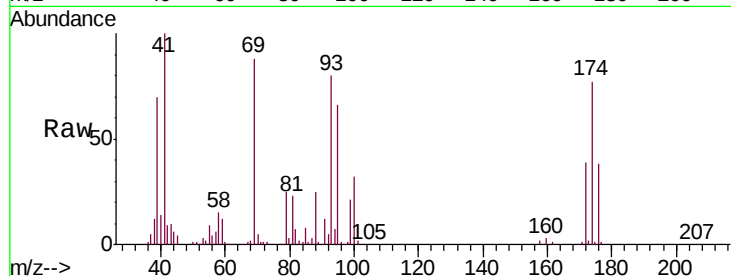
Tgt Ion: 88 Resp: 25244

Ion Ratio Lower Upper

88 100

43 33.4 24.5 36.7

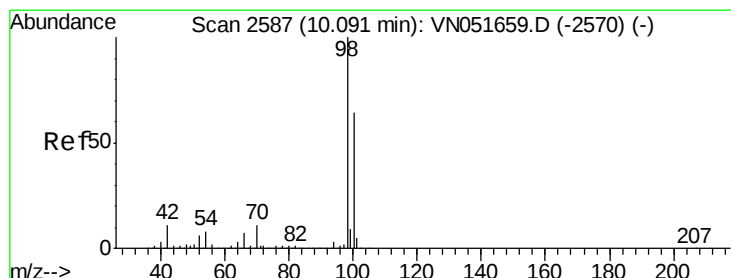
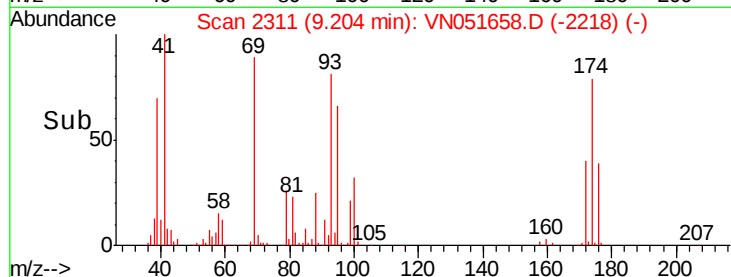
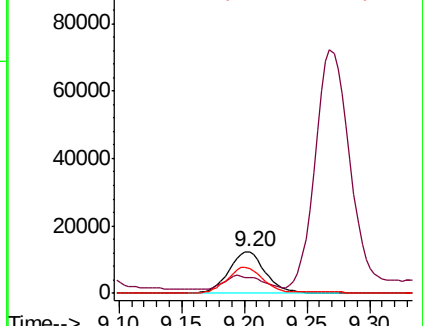
58 62.5 47.6 71.4



Abundance Ion 88.00 (87.70 to 88.70): VN051658.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN051658.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN051658.D (-2218) (-)



#50

Toluene-d8

Concen: 376.975 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051658.D

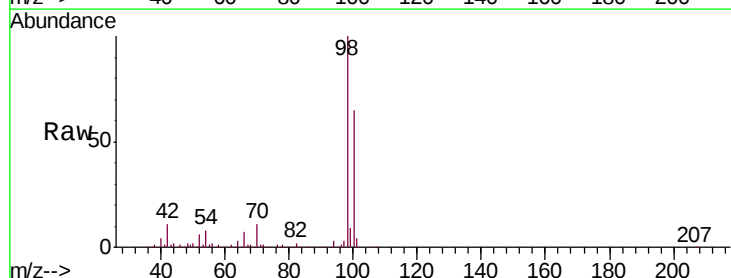
Acq: 4 Oct 2018 11:16

Tgt Ion: 98 Resp: 461143

Ion Ratio Lower Upper

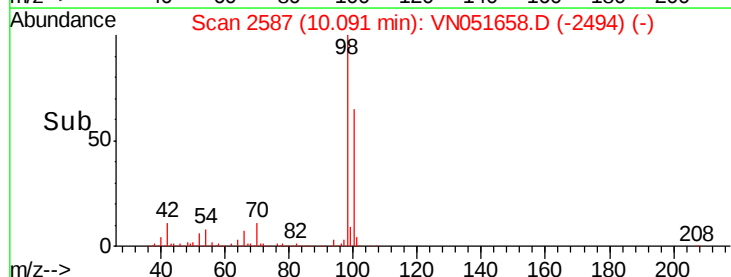
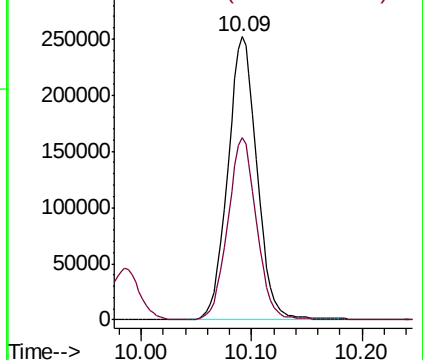
98 100

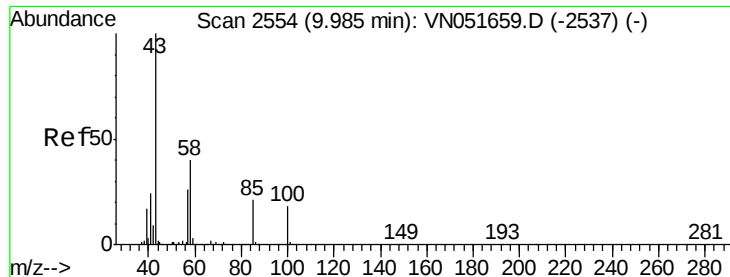
100 62.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051658.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051658.D (-2494) (-)

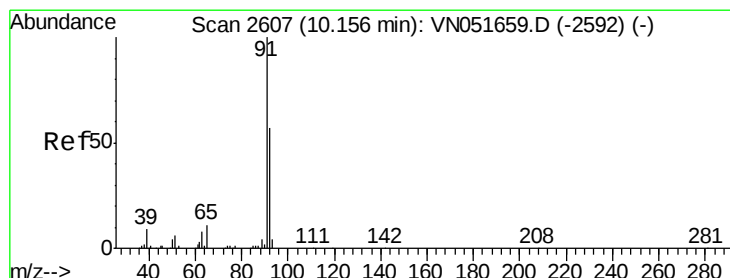
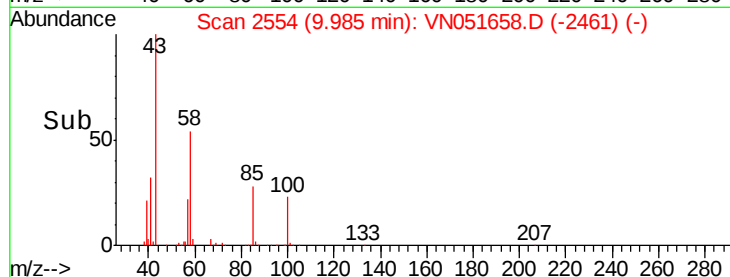
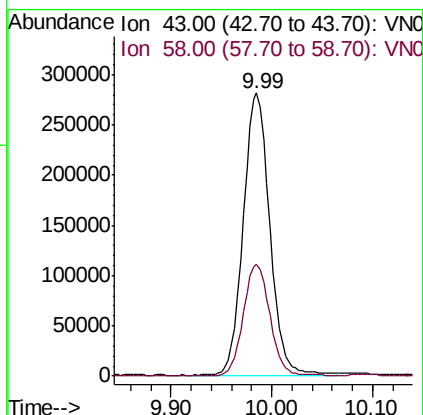
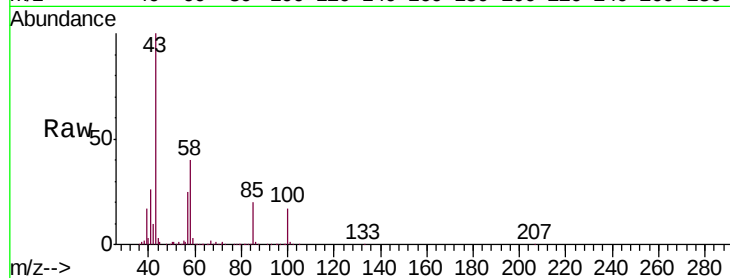




#51
 4-Methyl-2-Pentanone
 Concen: 102.452 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

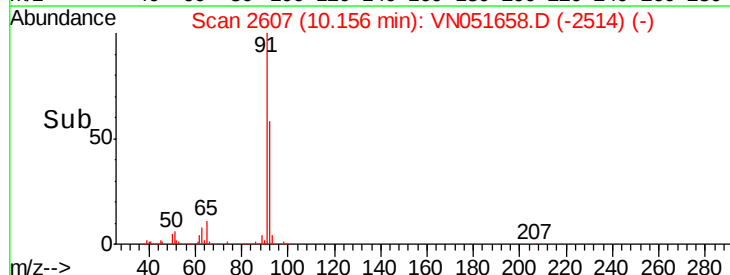
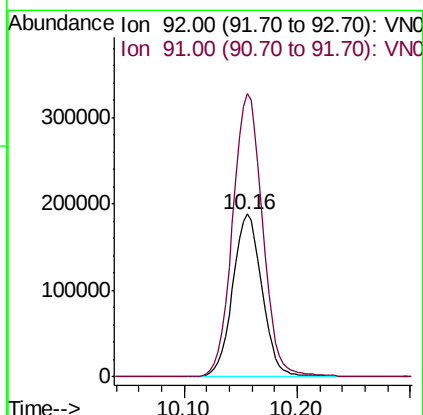
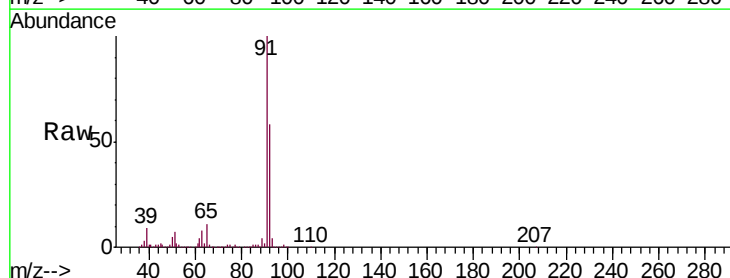
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

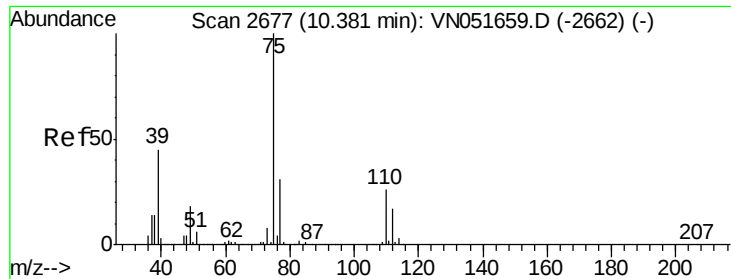
Tgt Ion: 43 Resp: 507389
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.2 48.2



#52
 Toluene
 Concen: 19.282 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 92 Resp: 341708
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 19.306 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

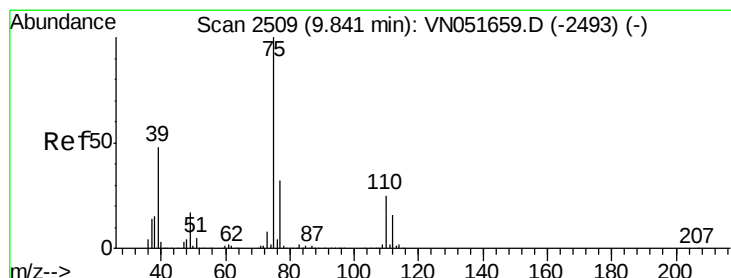
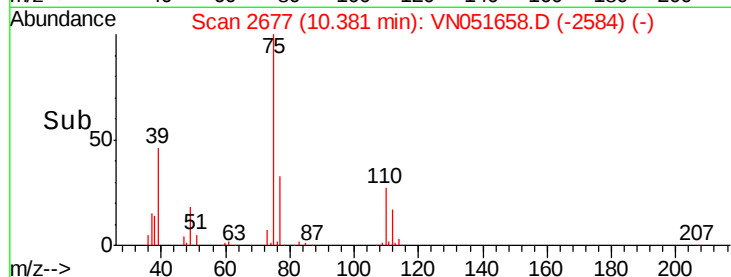
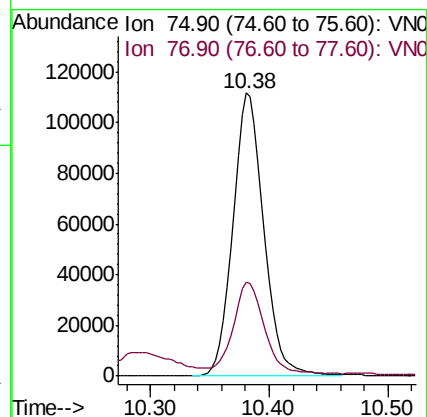
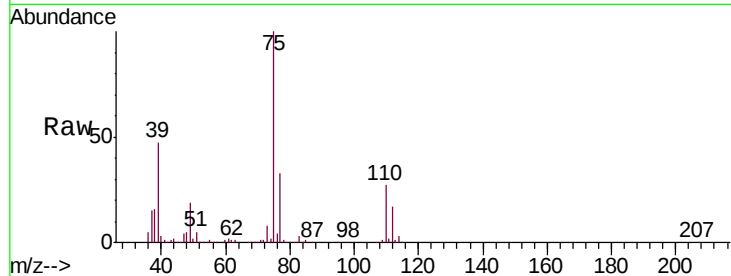
VSTDIC020

Tgt Ion: 75 Resp: 200803

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.701 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

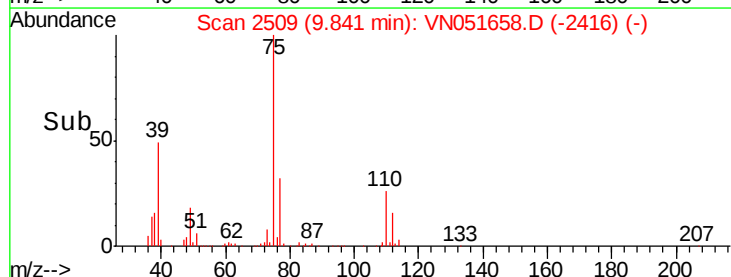
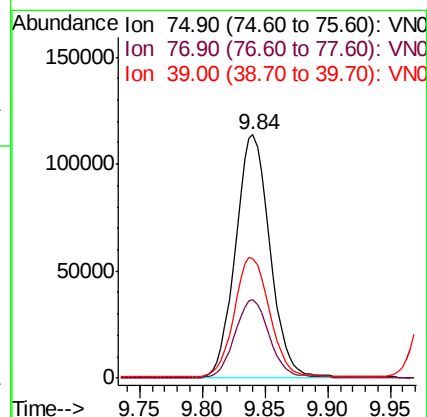
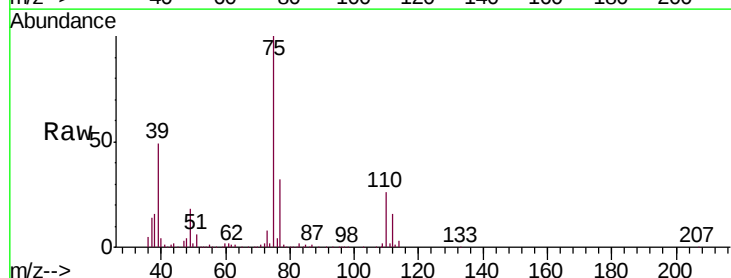
Tgt Ion: 75 Resp: 217593

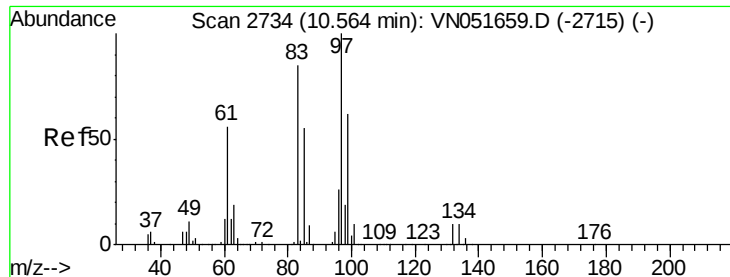
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 48.8 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 19.524 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 123251

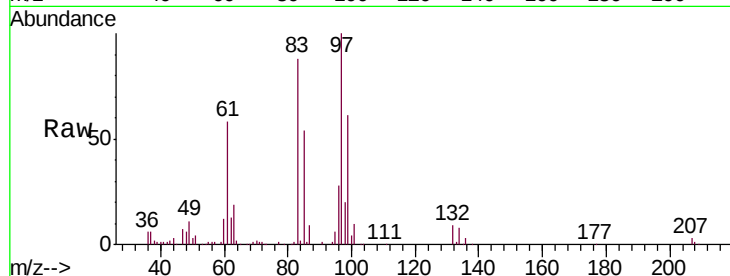
Ion Ratio Lower Upper

97 100

83 87.8 68.1 102.1

85 53.8 43.6 65.4

99 61.0 49.4 74.0

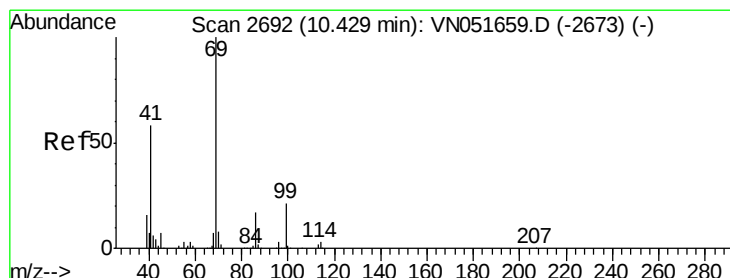
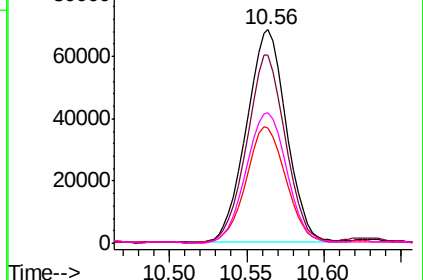
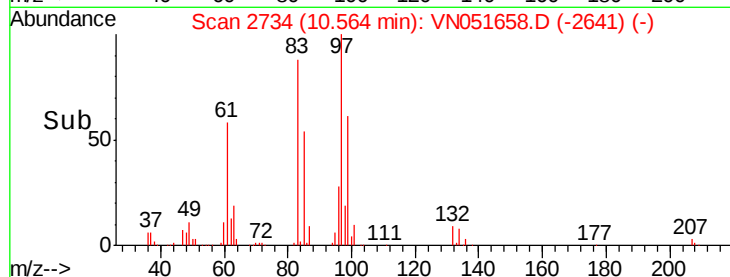


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.474 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

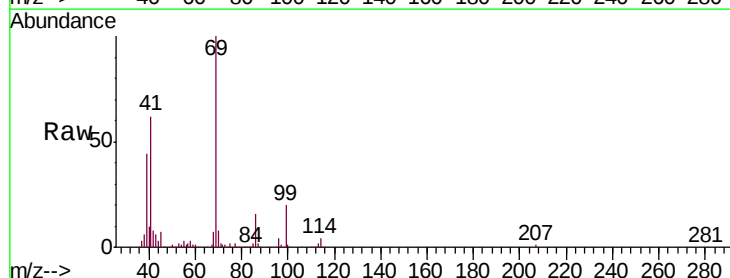
Tgt Ion: 69 Resp: 155466

Ion Ratio Lower Upper

69 100

41 62.1 46.4 69.6

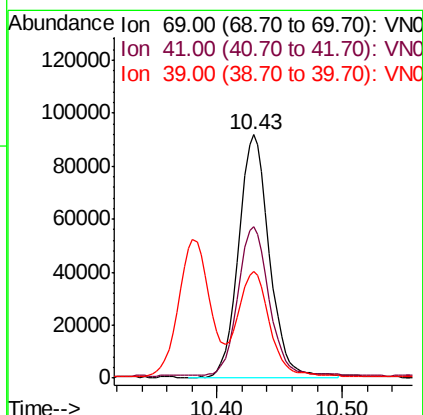
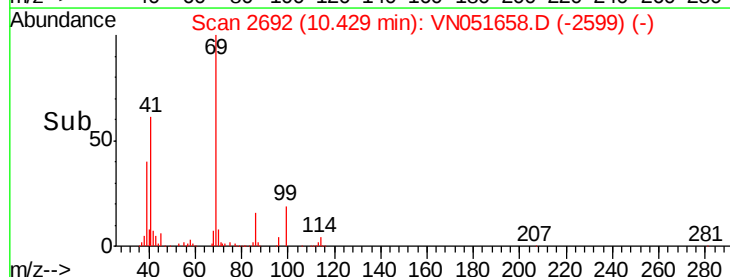
39 45.1 32.4 48.6

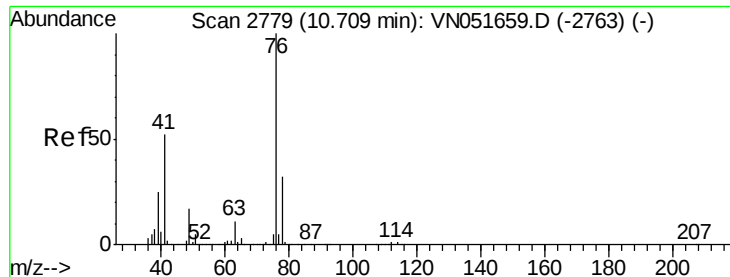


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

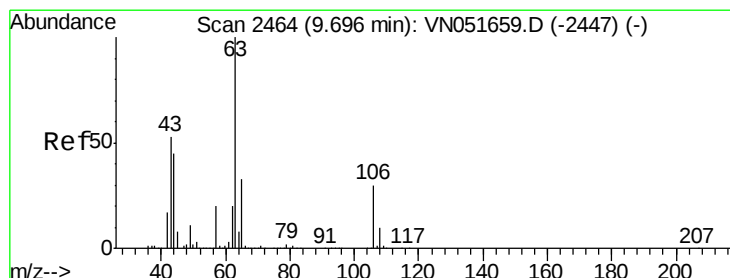
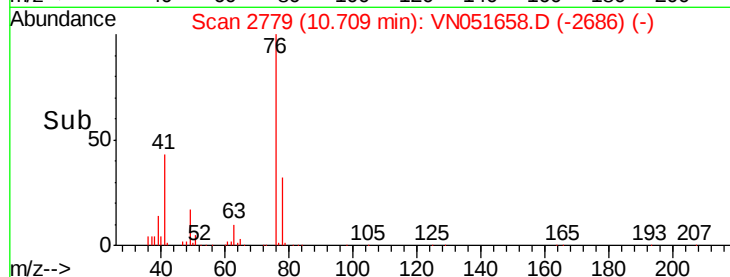
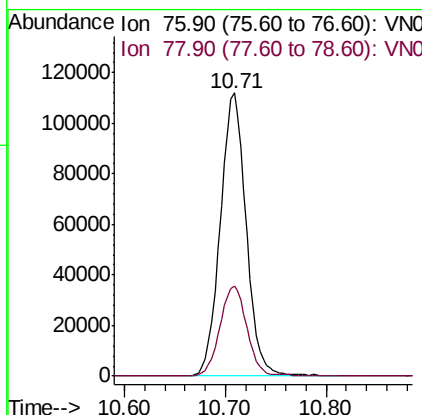
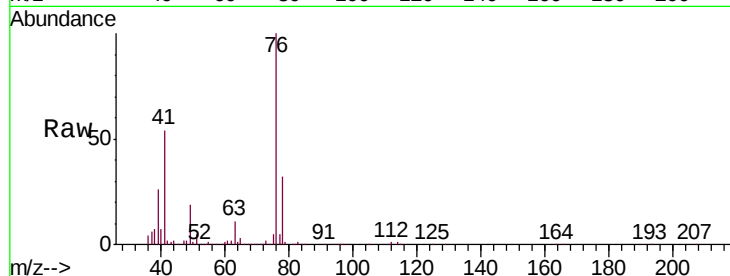




#57
 1,3-Dichloropropane
 Concen: 20.128 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

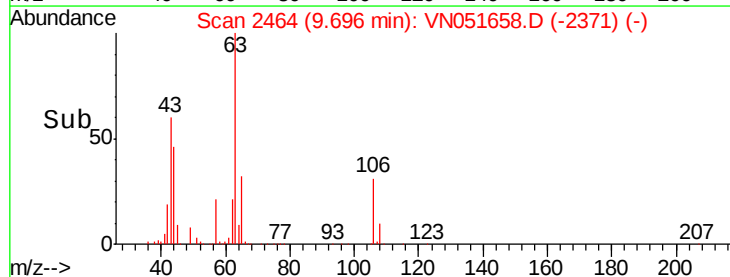
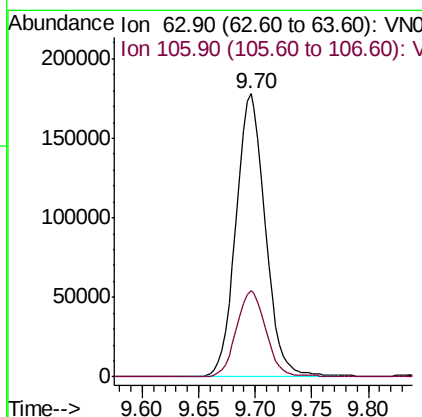
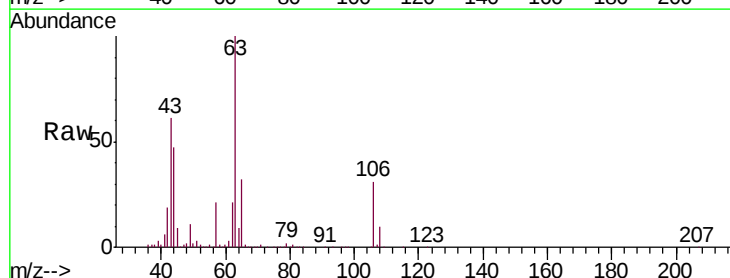
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

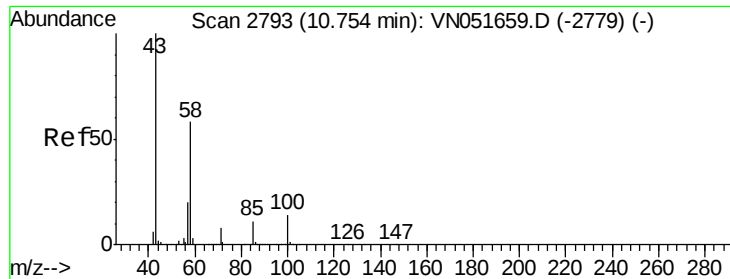
Tgt Ion: 76 Resp: 201113
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.711 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion: 63 Resp: 322844
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.3 36.5

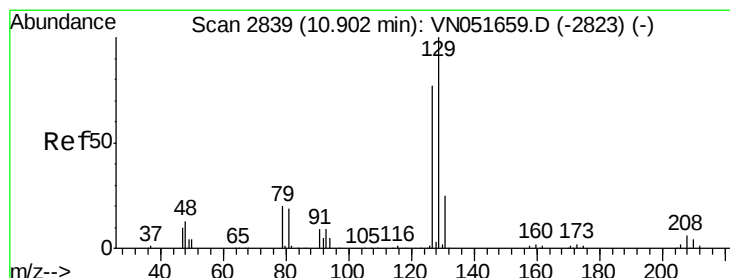
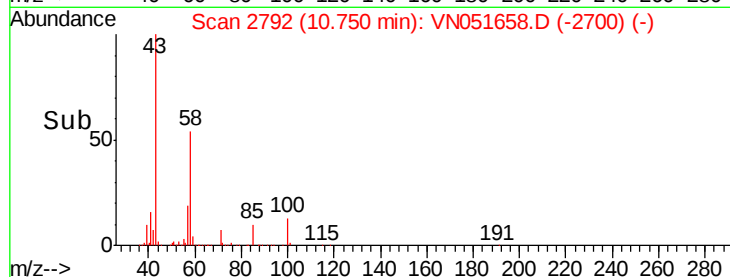
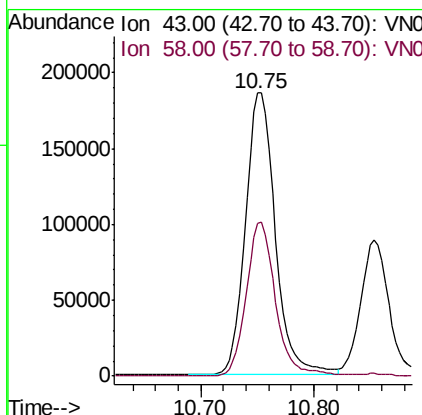
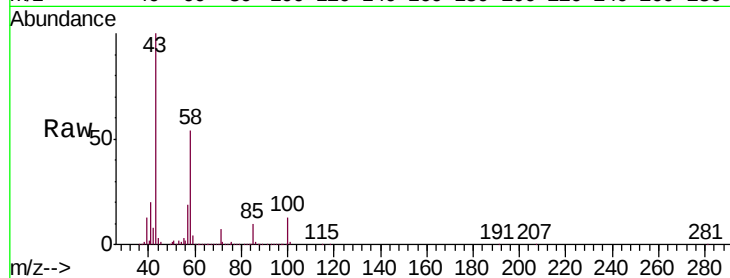




#59
2-Hexanone
Concen: 101.705 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

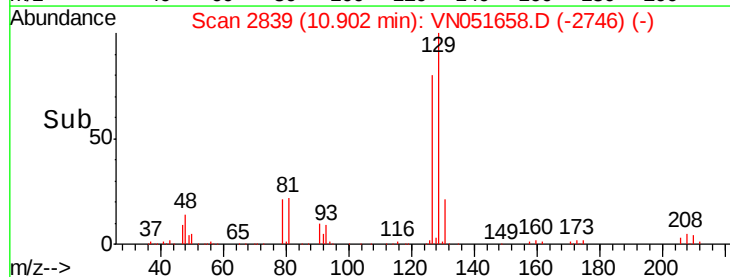
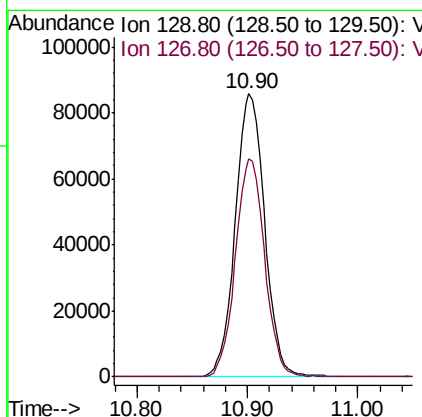
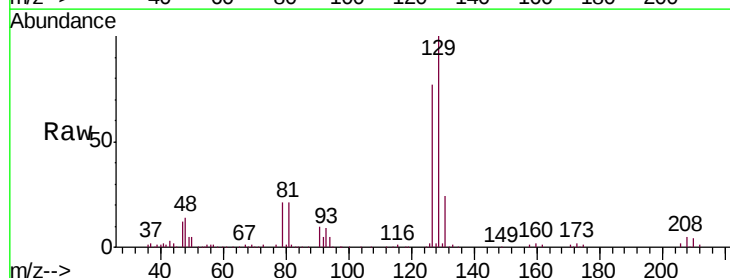
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

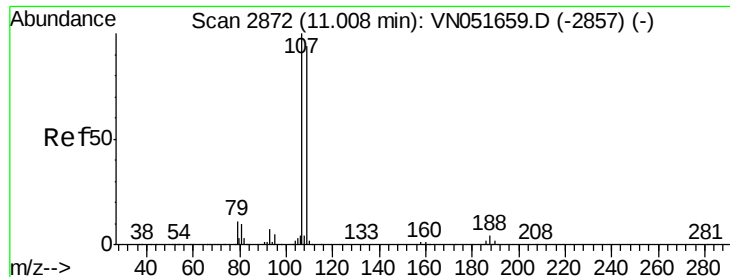
Tgt Ion: 43 Resp: 342069
Ion Ratio Lower Upper
43 100
58 53.7 28.8 86.4



#60
Dibromochloromethane
Concen: 19.179 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 129 Resp: 158445
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.218 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

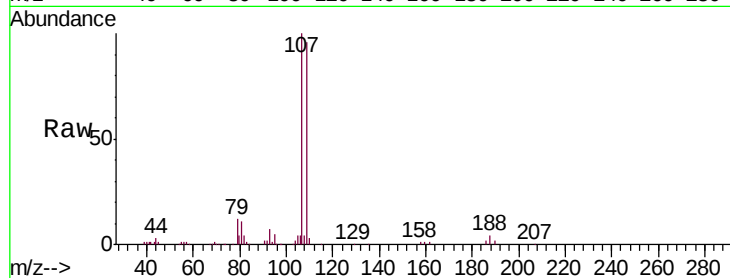
VSTDIC020

Tgt Ion: 107 Resp: 128256

Ion Ratio Lower Upper

107 100

109 94.8 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

80000

60000

40000

20000

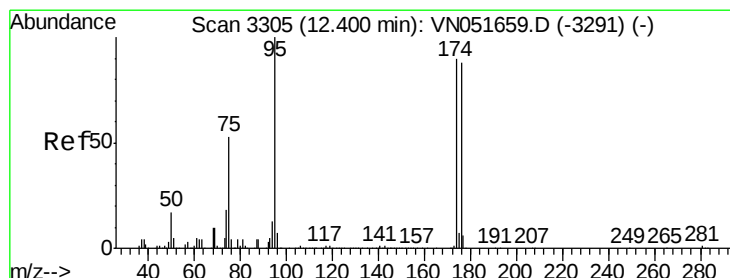
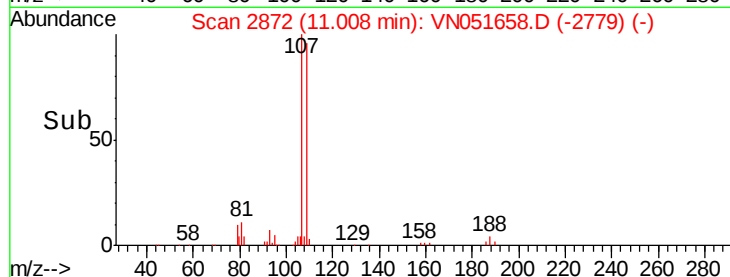
0

Time-->

10.90

11.00

11.10



#62

4-Bromofluorobenzene

Concen: 19.218 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

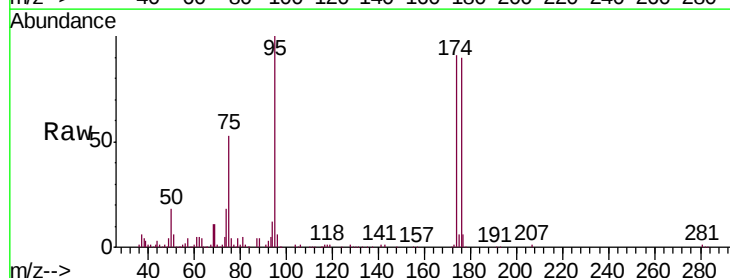
Tgt Ion: 95 Resp: 149492

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

176 88.2 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

120000

100000

80000

60000

40000

20000

0

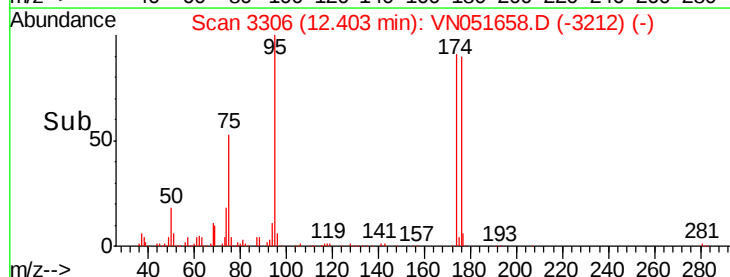
Time-->

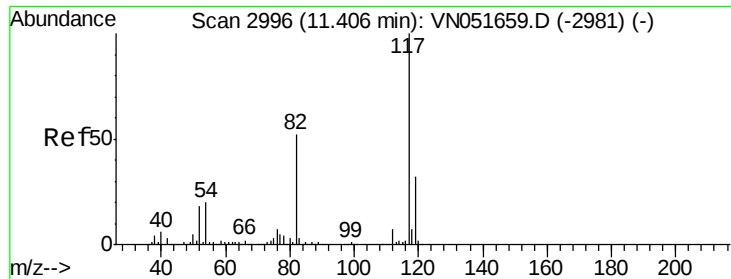
12.35

12.40

12.45

12.50

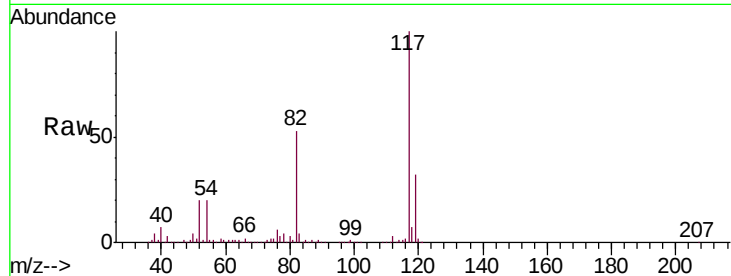




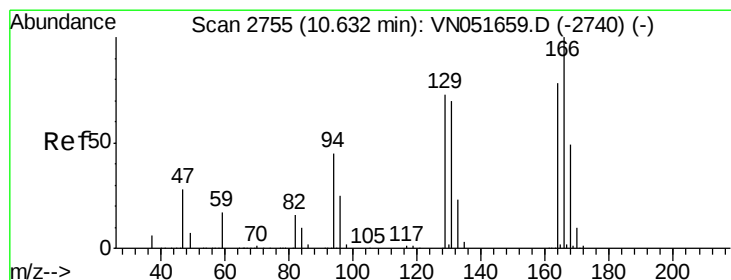
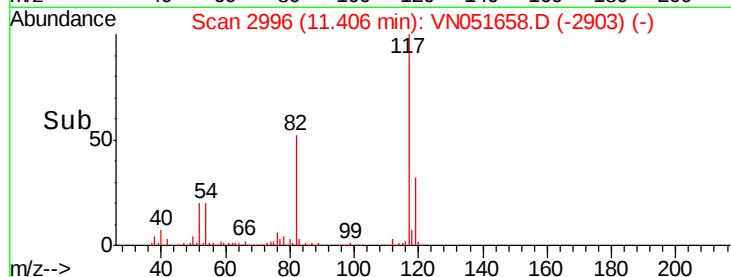
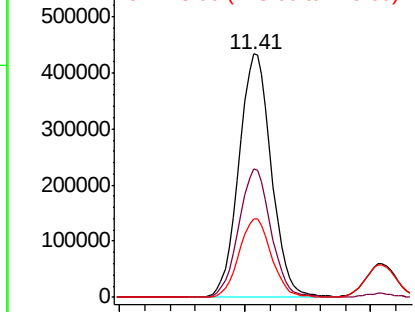
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 781086
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.4 25.9 38.9

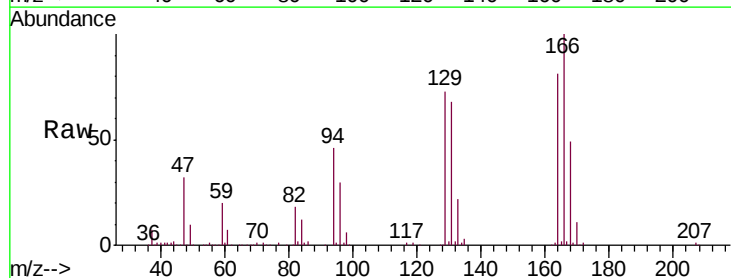


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

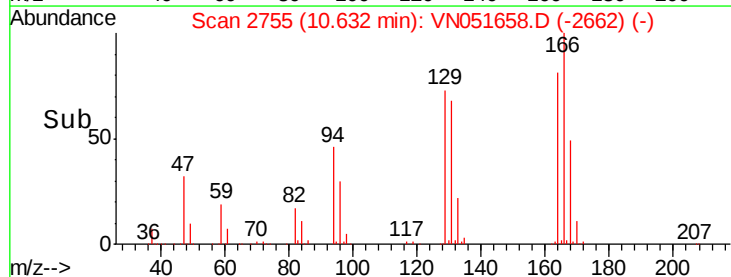
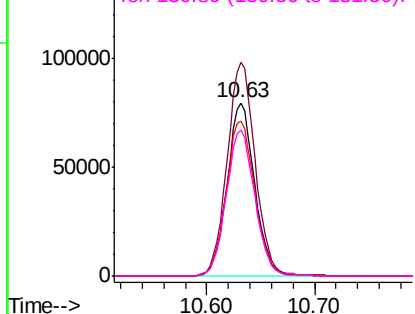


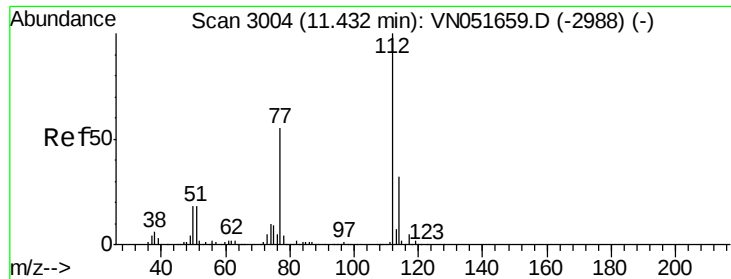
#64
Tetrachloroethene
Concen: 20.443 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion:164 Resp: 140878
Ion Ratio Lower Upper
164 100
166 123.5 103.0 154.6
129 89.5 75.2 112.8
131 84.0 71.7 107.5



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

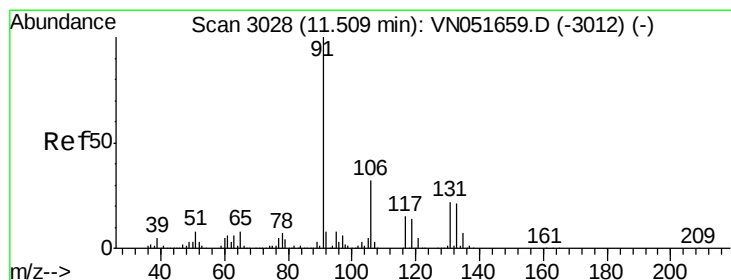
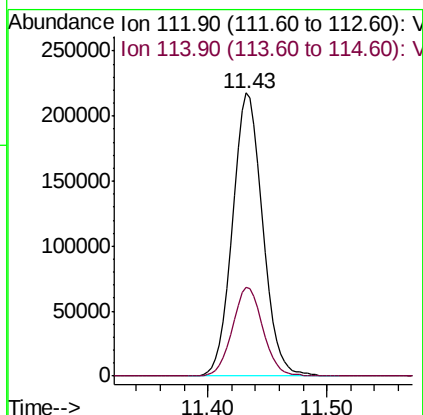
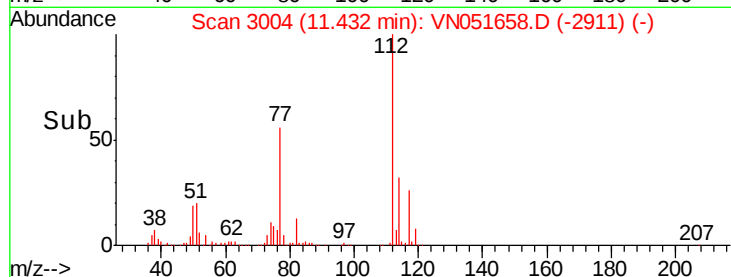
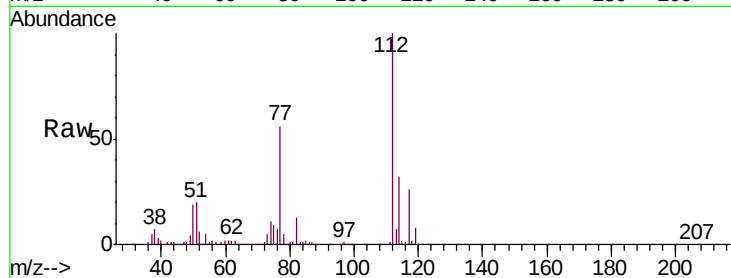




#65
Chlorobenzene
Concen: 19.770 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

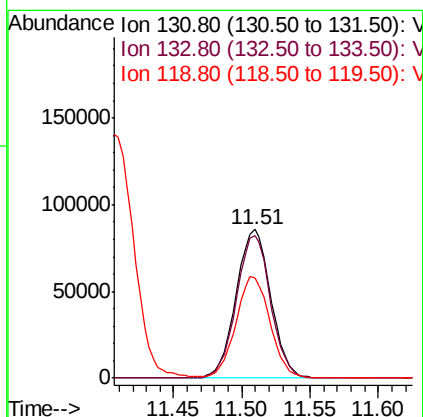
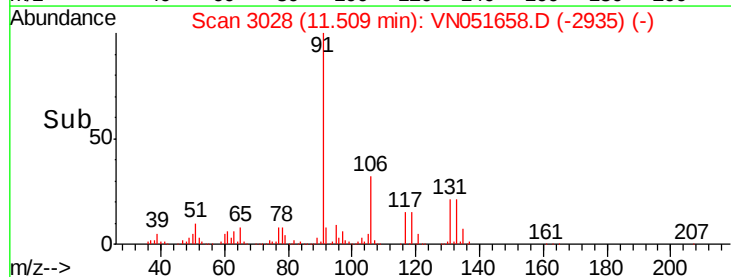
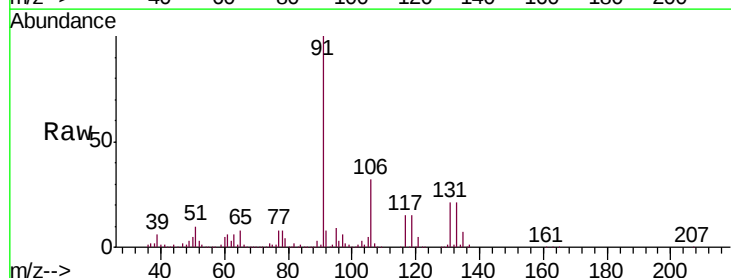
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

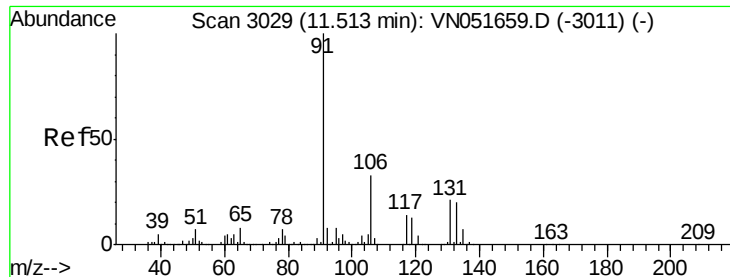
Tgt Ion:112 Resp: 382454
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.539 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion:131 Resp: 151344
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.8
119 67.5 32.0 96.0

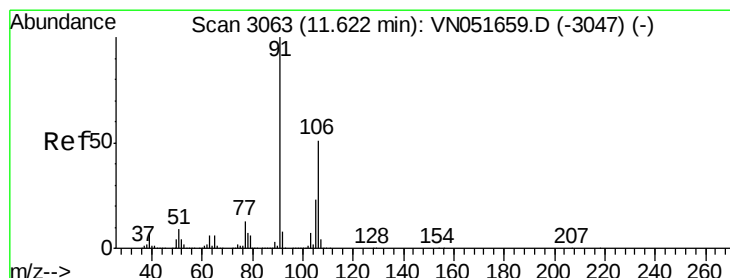
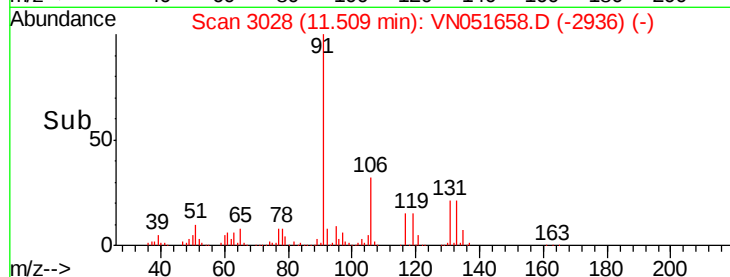
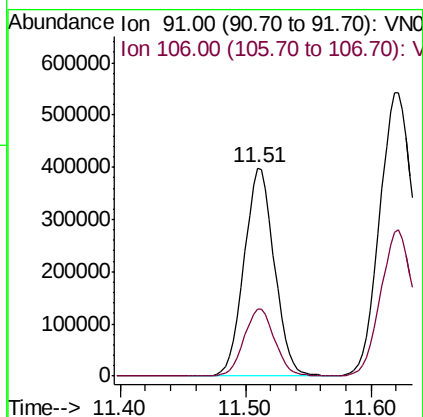
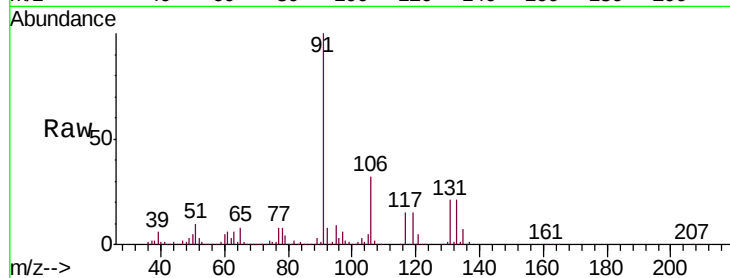




#67
Ethyl Benzene
Concen: 20.094 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

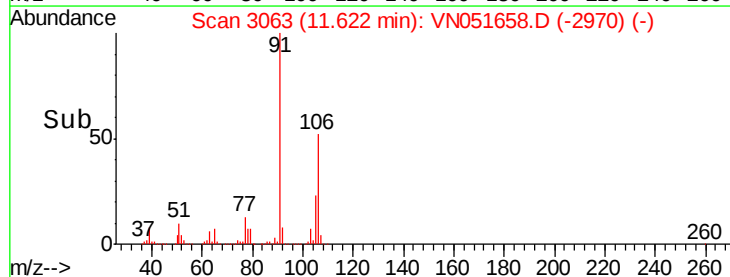
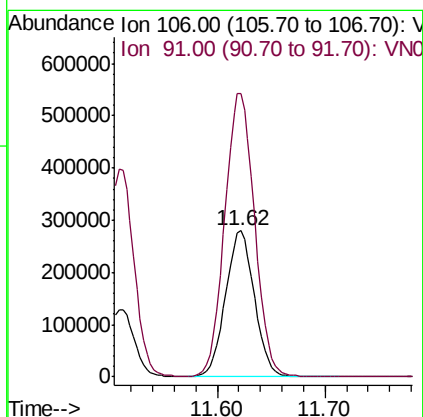
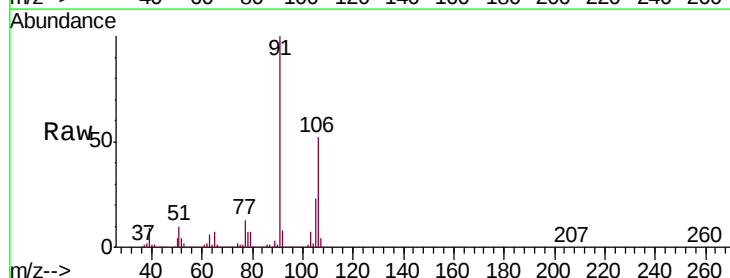
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

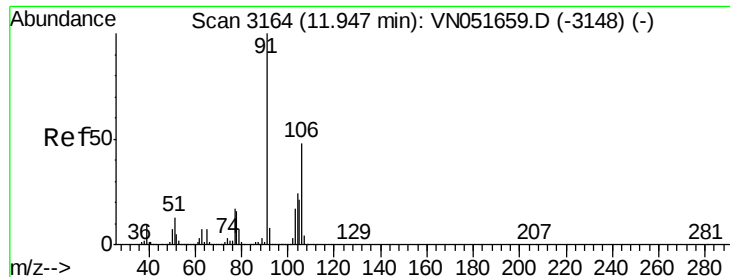
Tgt Ion: 91 Resp: 671888
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0



#68
m/p-Xylenes
Concen: 39.129 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion: 106 Resp: 523489
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6

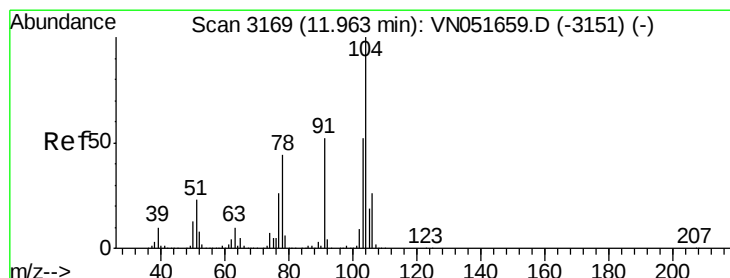
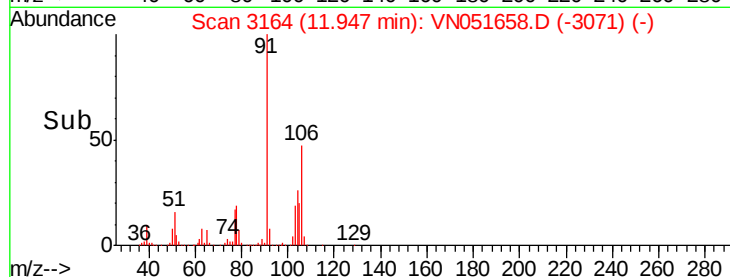
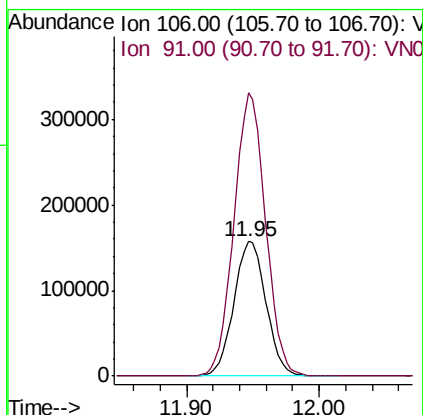
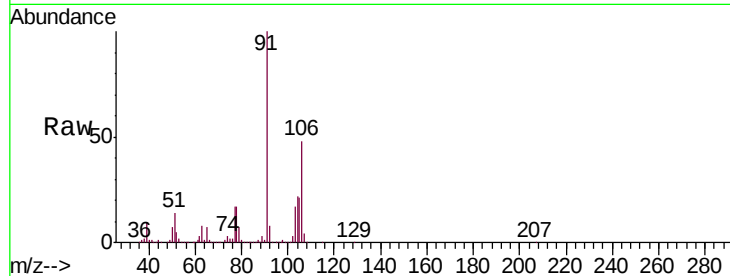




#69
o-Xylene
Concen: 20.169 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

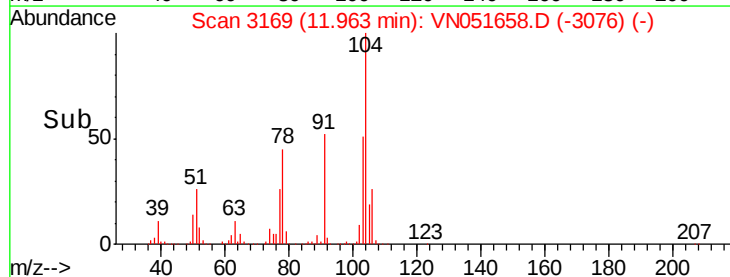
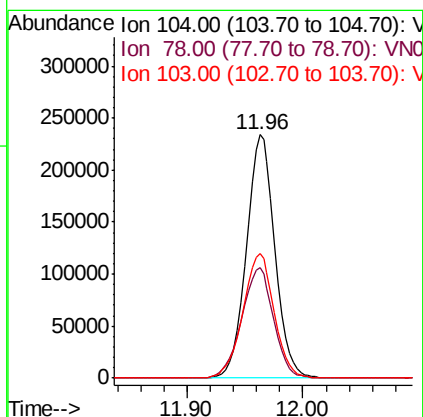
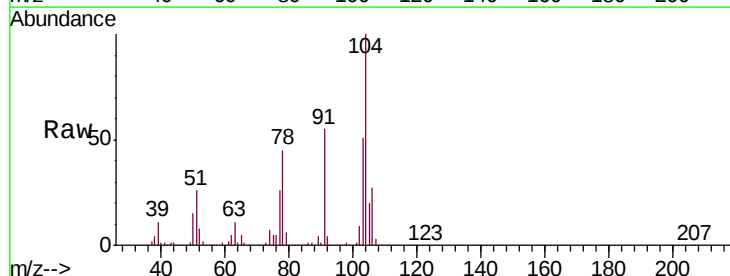
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

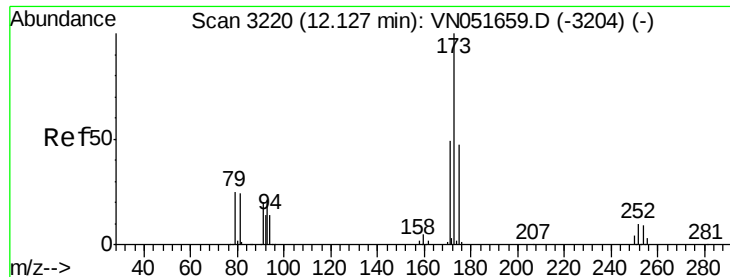
Tgt Ion:106 Resp: 264628
Ion Ratio Lower Upper
106 100
91 206.9 104.4 313.2



#70
Styrene
Concen: 19.125 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion:104 Resp: 399849
Ion Ratio Lower Upper
104 100
78 50.8 39.3 58.9
103 56.1 45.0 67.6

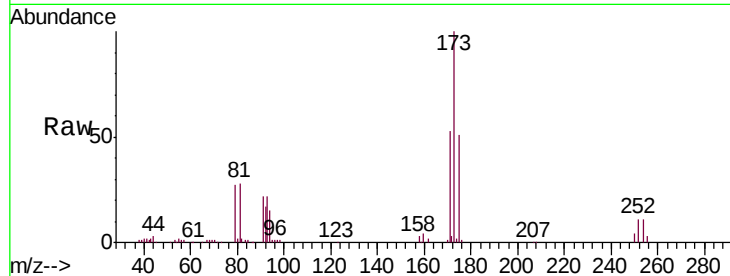




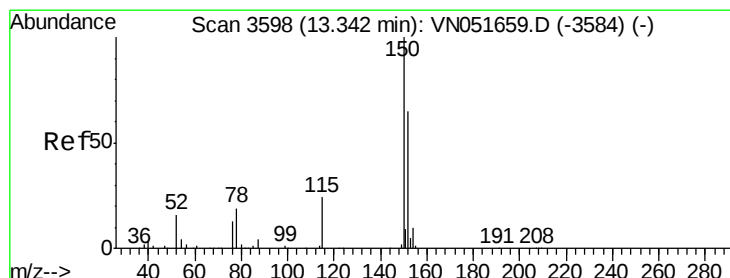
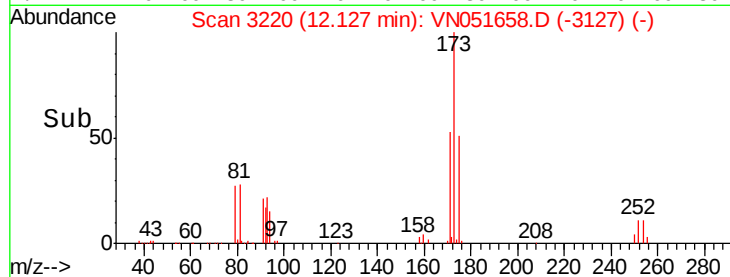
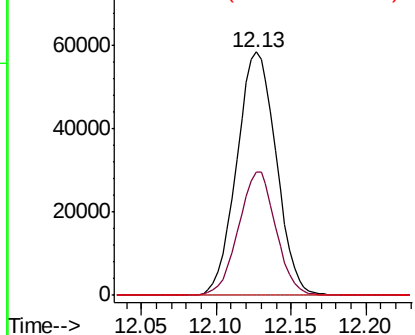
#71
Bromoform
Concen: 18.642 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 107402
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.1 0.1#

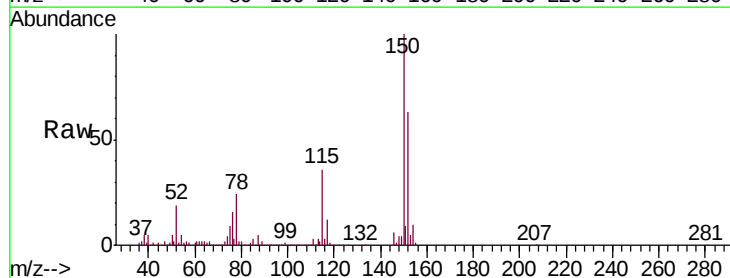


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

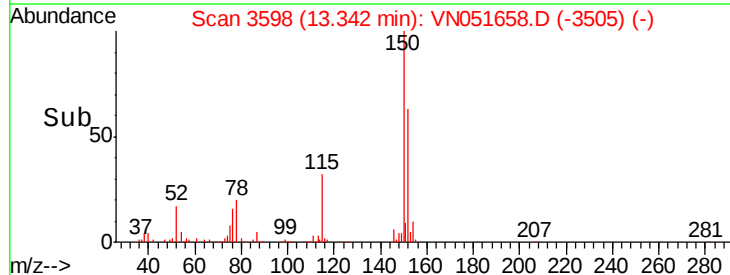
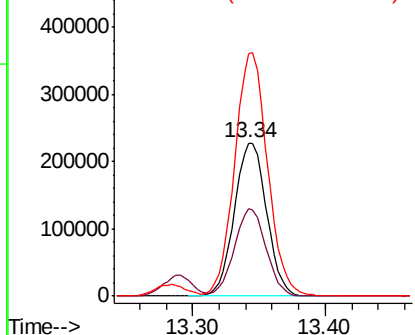


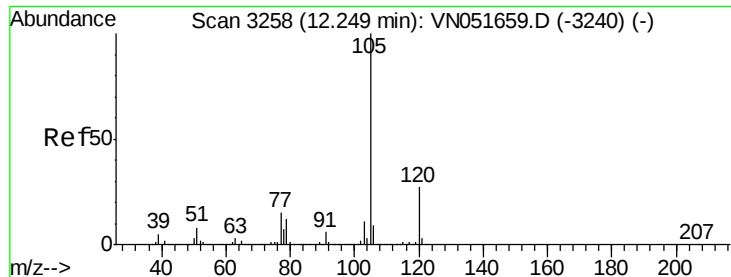
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion:152 Resp: 384393
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.8
150 162.5 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.243 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

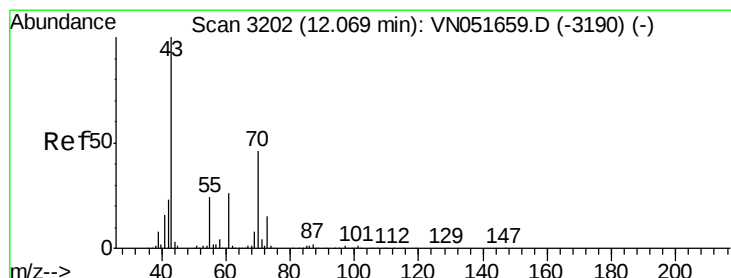
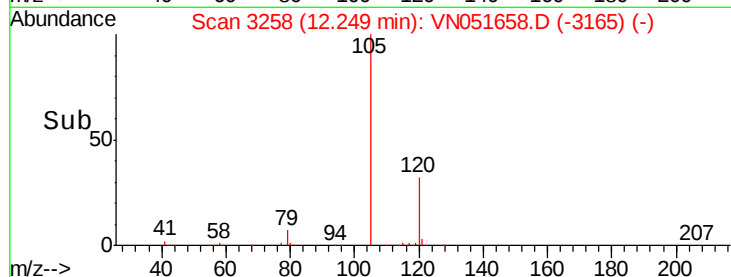
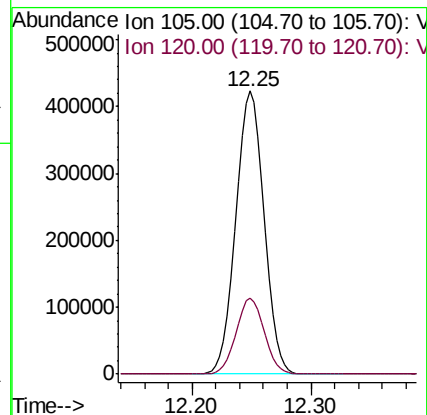
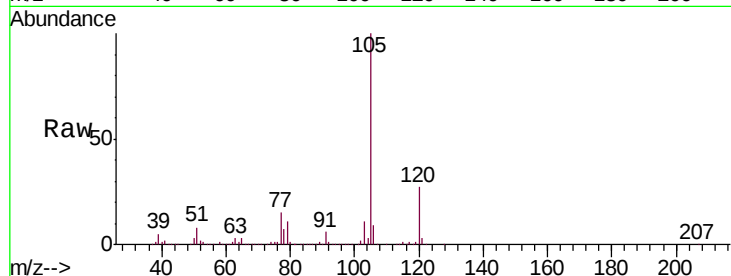
VSTDIC020

Tgt Ion: 105 Resp: 696083

Ion Ratio Lower Upper

105 100

120 26.8 13.9 41.6



#74

N-ethyl acetate

Concen: 20.955 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Tgt Ion: 43 Resp: 156590

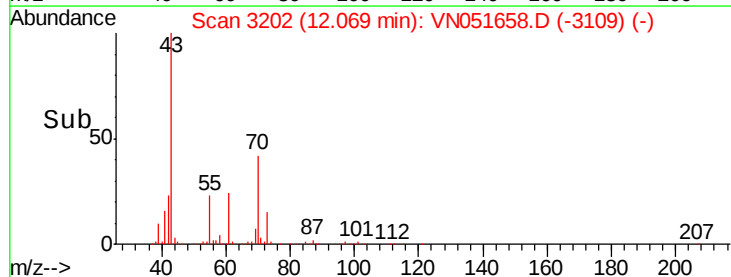
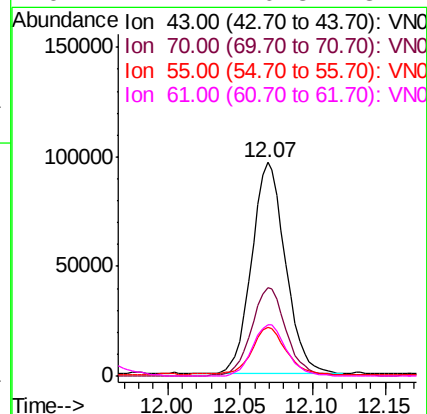
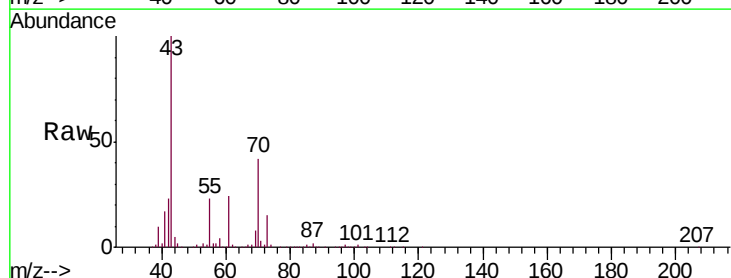
Ion Ratio Lower Upper

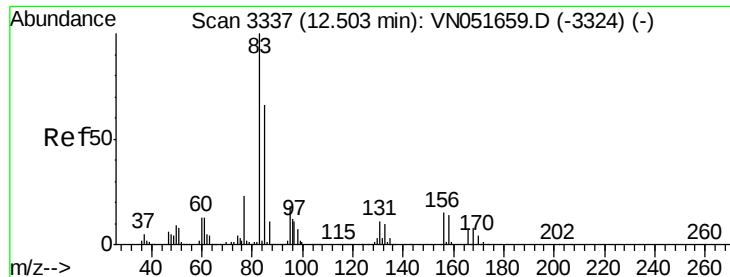
43 100

70 42.4 37.1 55.7

55 22.6 19.1 28.7

61 24.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.127 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

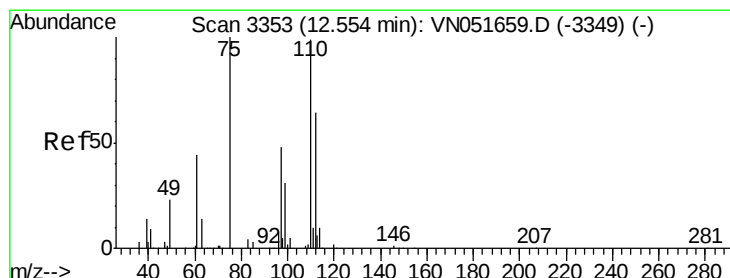
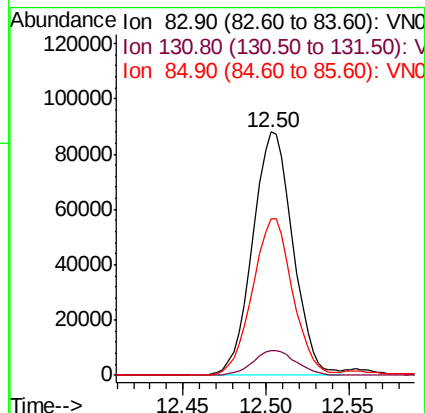
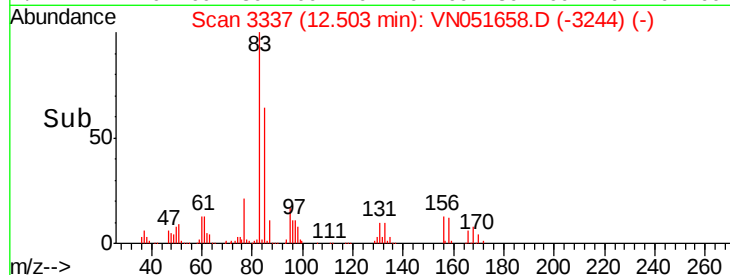
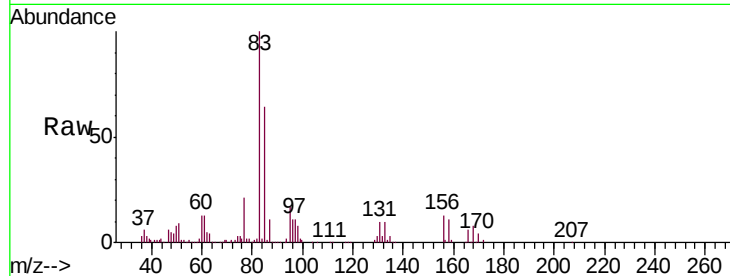
Tgt Ion: 83 Resp: 149221

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

85 64.2 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 33.467 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051658.D

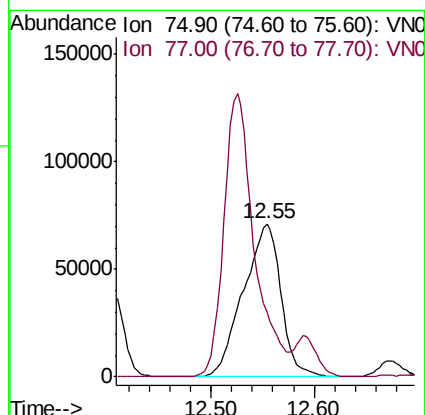
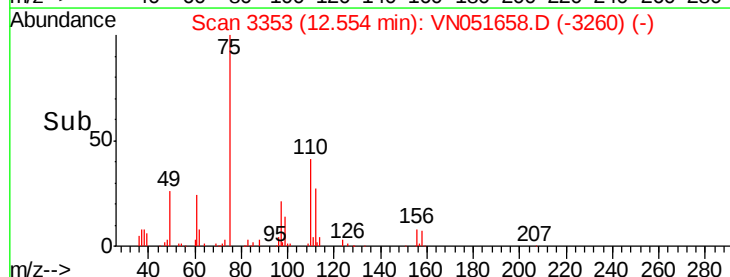
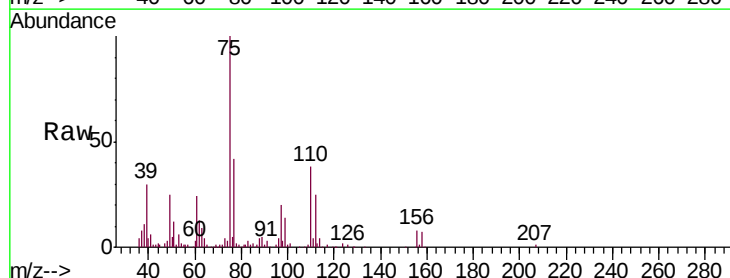
Acq: 4 Oct 2018 11:16

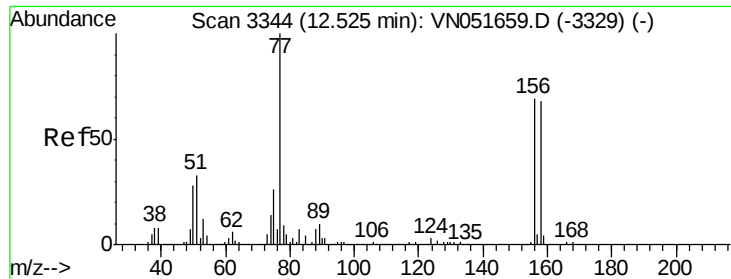
Tgt Ion: 75 Resp: 180431

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.328 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

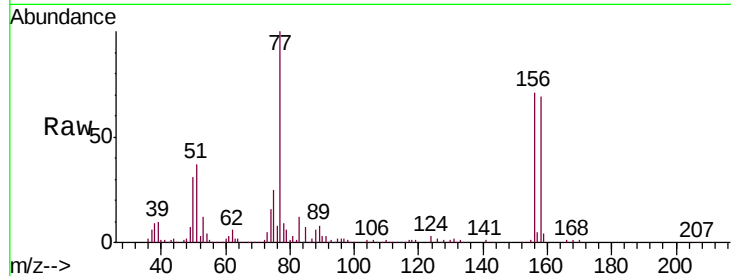
Tgt Ion:156 Resp: 162870

Ion Ratio Lower Upper

156 100

77 166.3 83.2 249.4

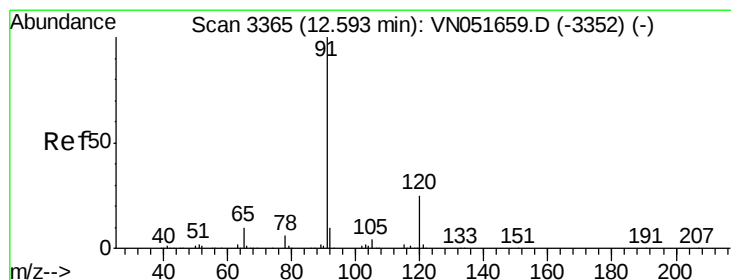
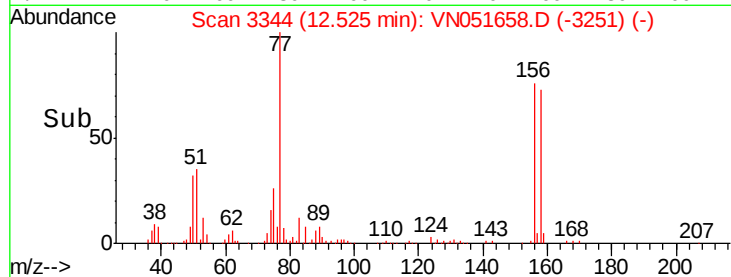
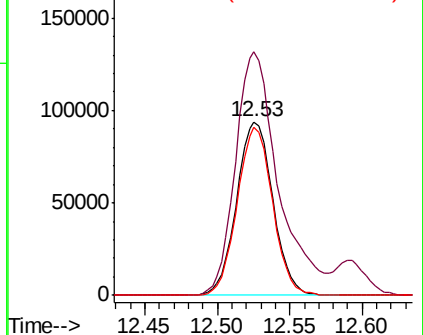
158 94.7 49.0 147.2



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: 20.840 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051658.D

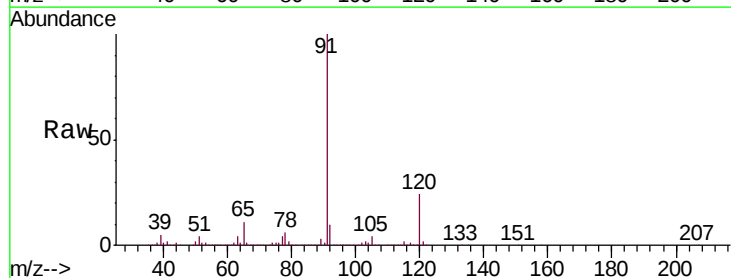
Acq: 4 Oct 2018 11:16

Tgt Ion: 91 Resp: 744824

Ion Ratio Lower Upper

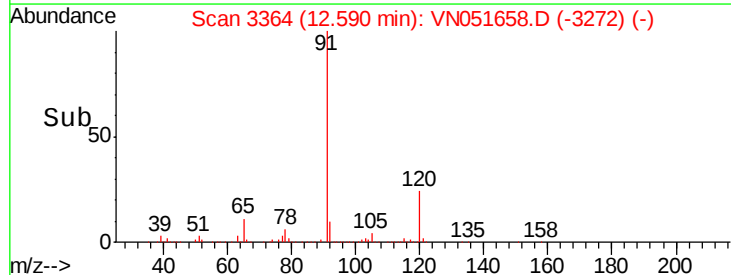
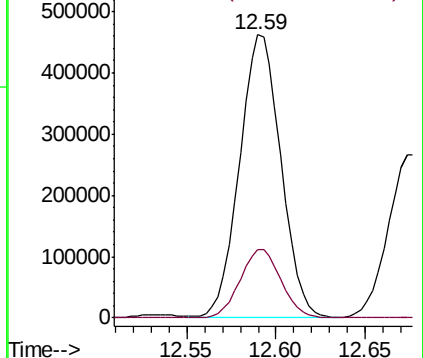
91 100

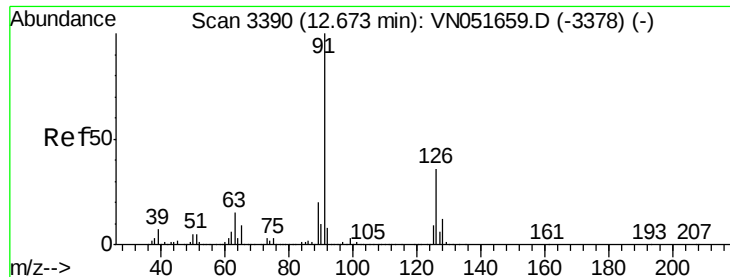
120 24.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.011 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

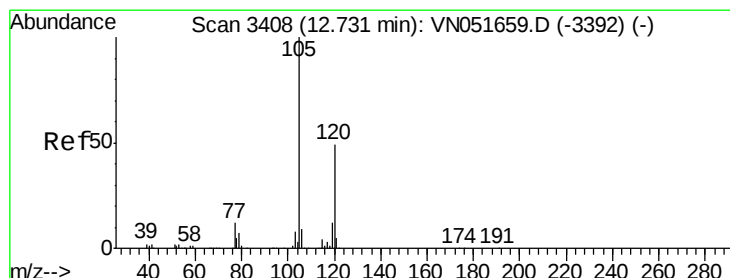
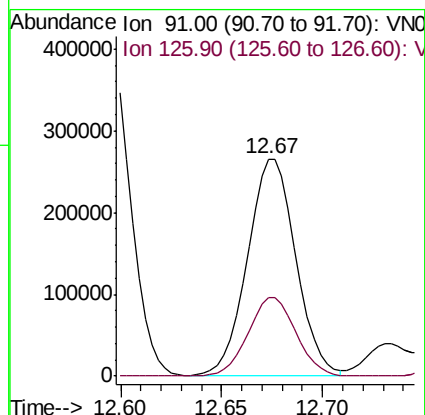
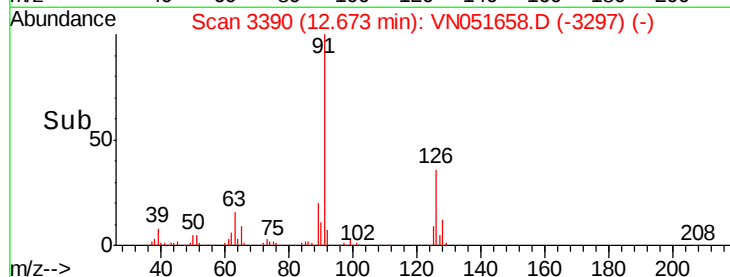
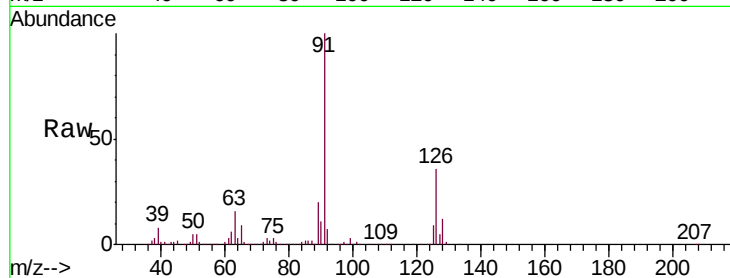
VSTDIC020

Tgt Ion: 91 Resp: 442570

Ion Ratio Lower Upper

91 100

126 36.2 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 20.834 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051658.D

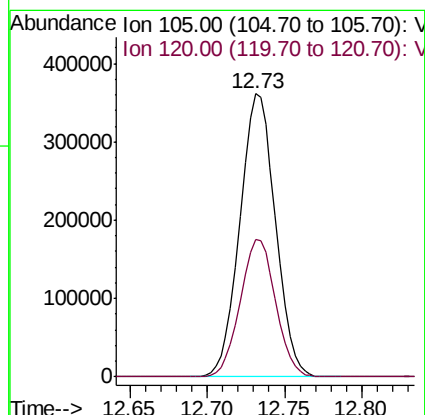
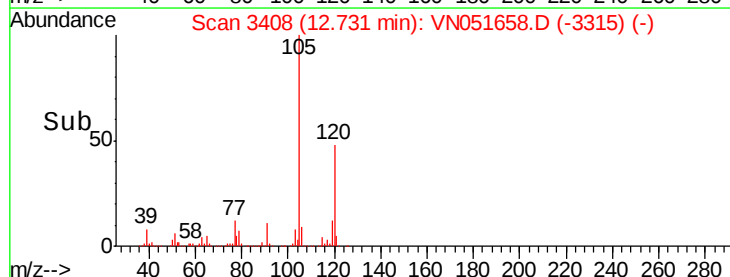
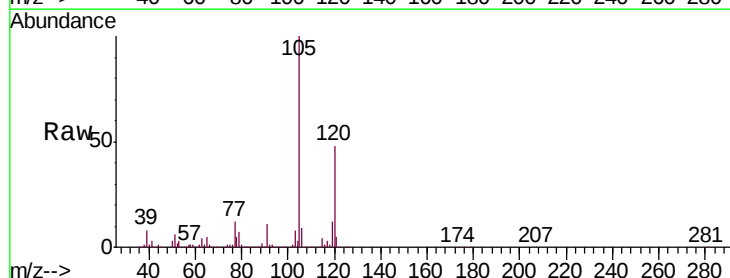
Acq: 4 Oct 2018 11:16

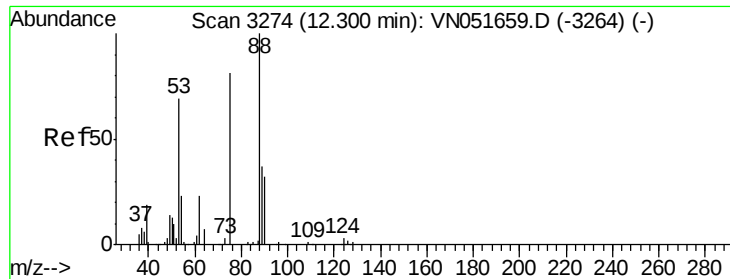
Tgt Ion: 105 Resp: 575317

Ion Ratio Lower Upper

105 100

120 48.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.479 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

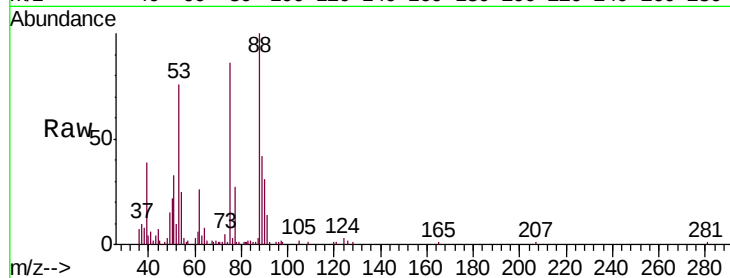
Tgt Ion: 75 Resp: 42824

Ion Ratio Lower Upper

75 100

53 88.5 68.6 102.8

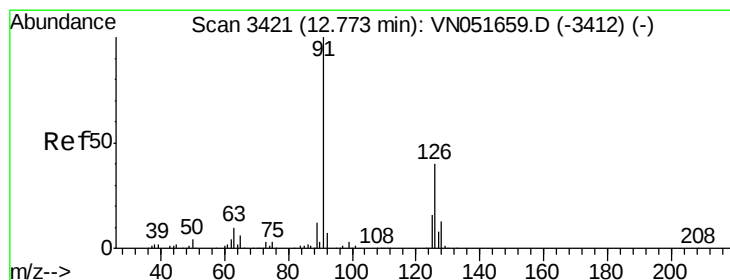
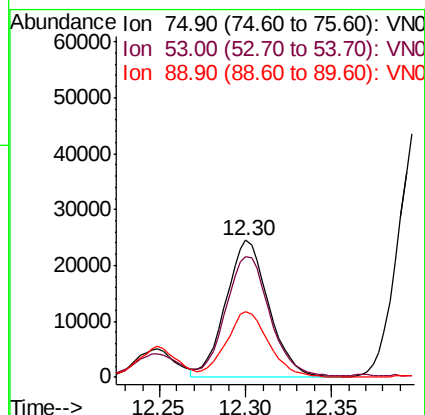
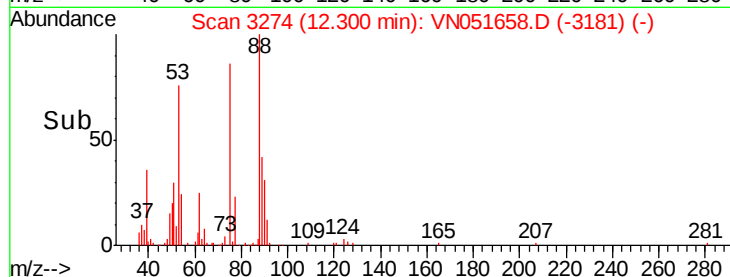
89 47.7 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.374 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051658.D

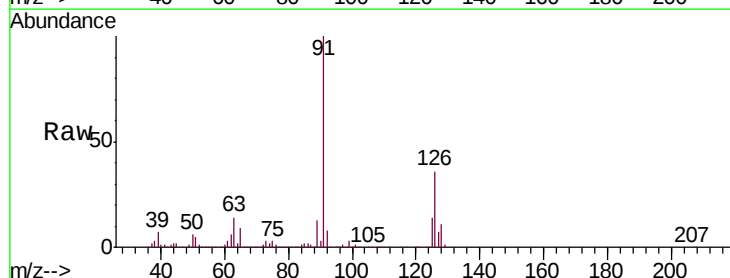
Acq: 4 Oct 2018 11:16

Tgt Ion: 91 Resp: 431112

Ion Ratio Lower Upper

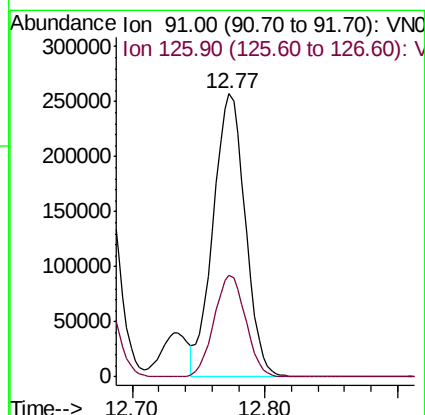
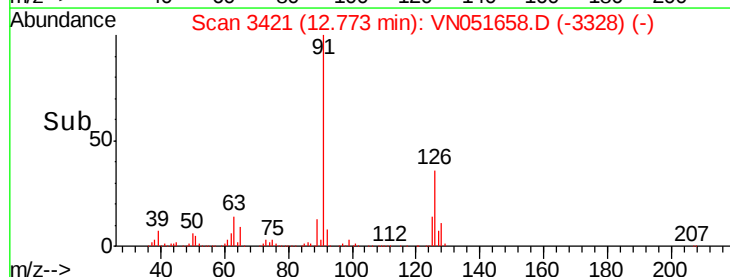
91 100

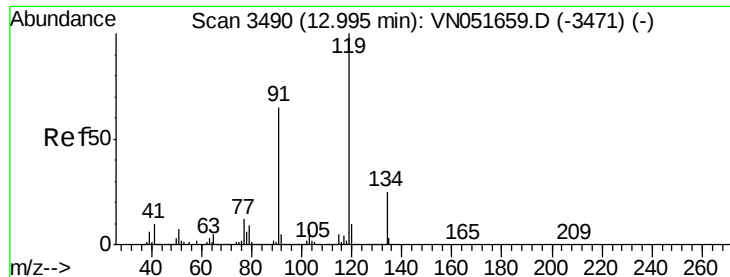
126 35.6 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

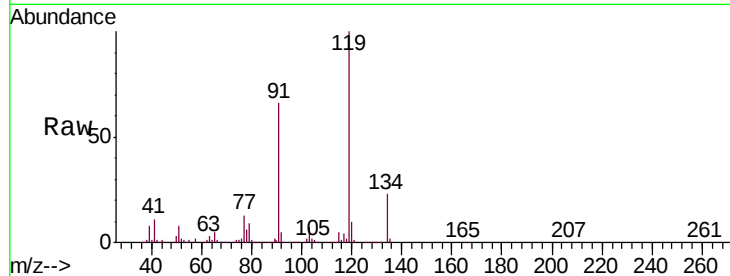




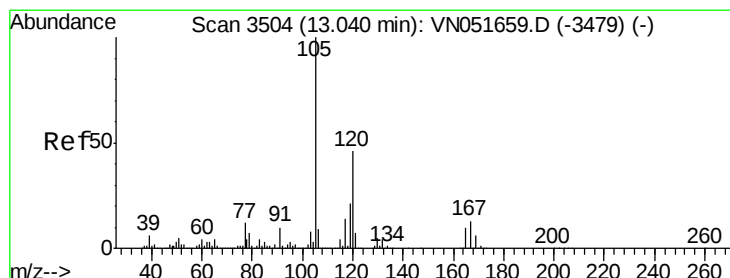
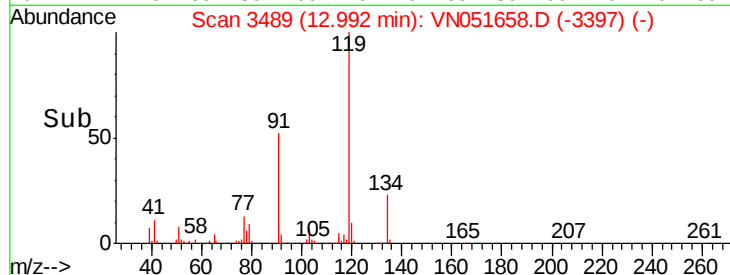
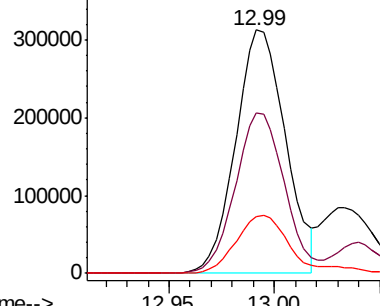
#83
 tert-Butylbenzene
 Concen: 20.803 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 514744
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.1 96.5
 134 24.5 13.3 39.9

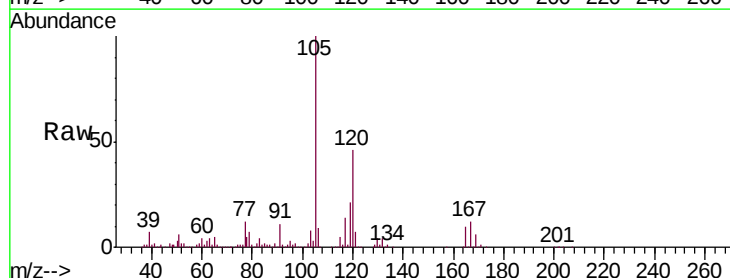


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

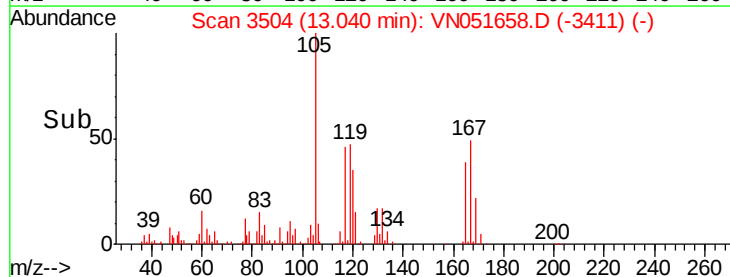
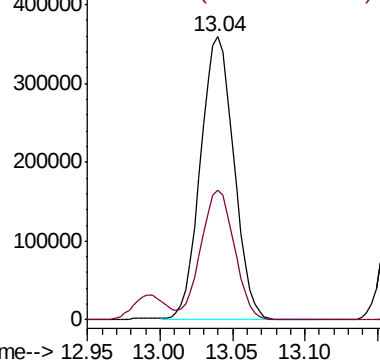


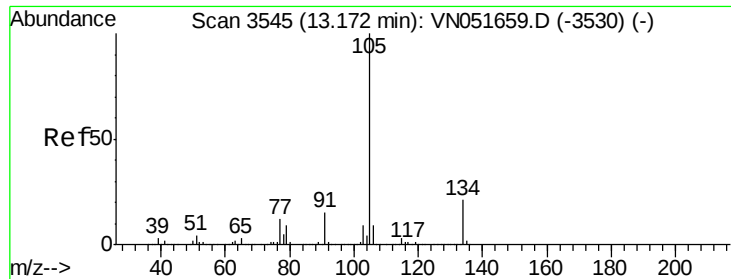
#84
 1,2,4-Trimethylbenzene
 Concen: 20.795 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion:105 Resp: 575169
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.7



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

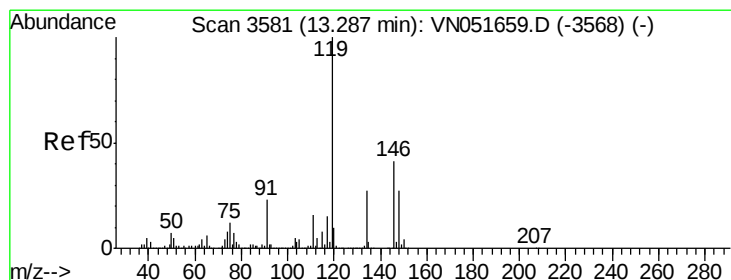
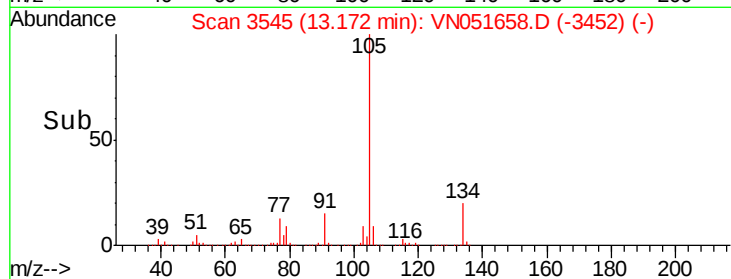
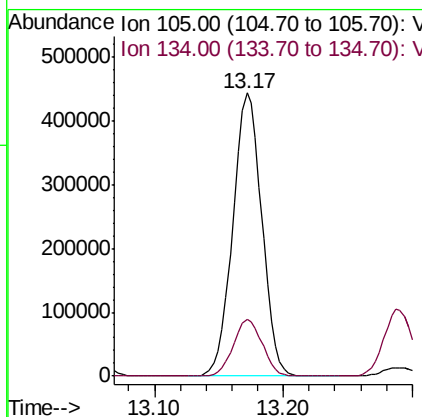
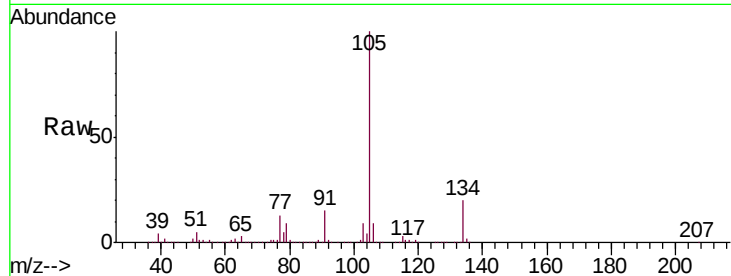




#85
 sec-Butylbenzene
 Concen: 21.028 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

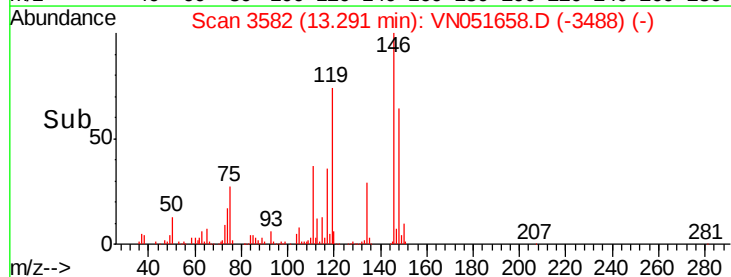
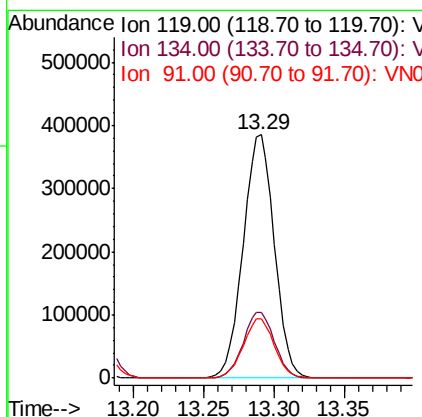
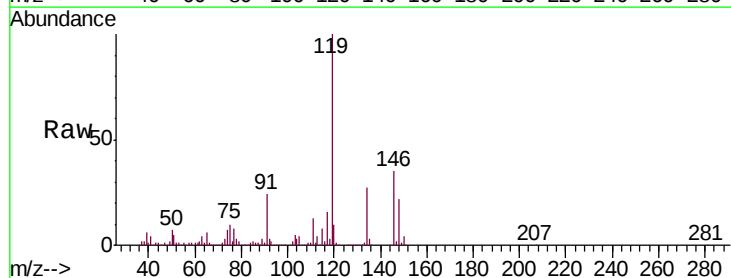
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 688249
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.497 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion:119 Resp: 594727
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 24.1 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 19.949 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

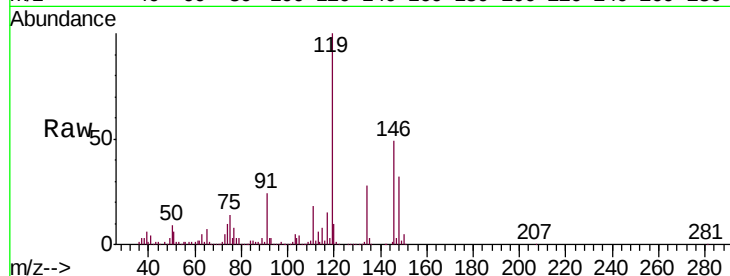
Tgt Ion:146 Resp: 278509

Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.9

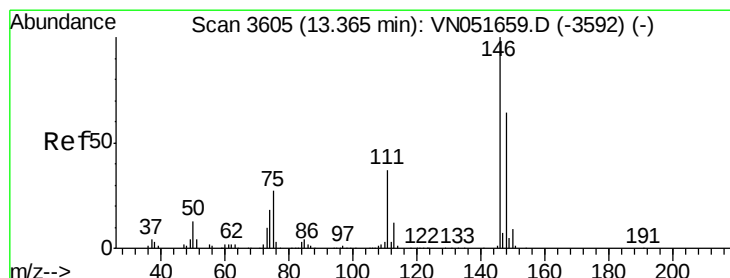
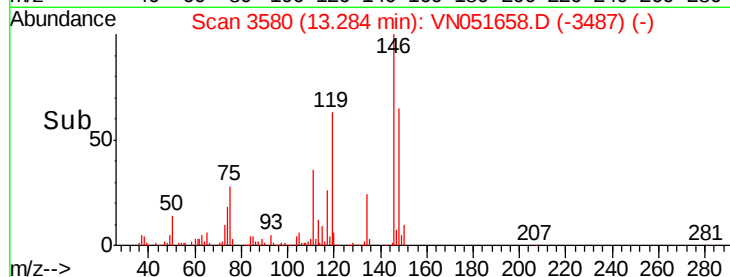
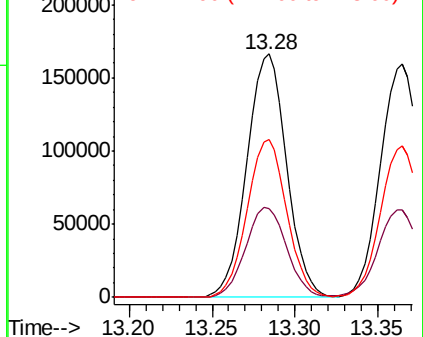
148 64.6 32.5 97.5



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



#88

1,4-Dichlorobenzene

Concen: 19.681 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

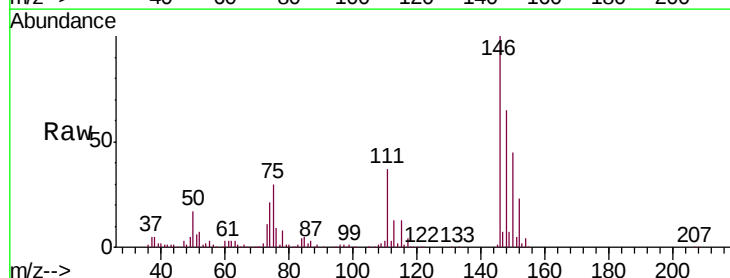
Tgt Ion:146 Resp: 270455

Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

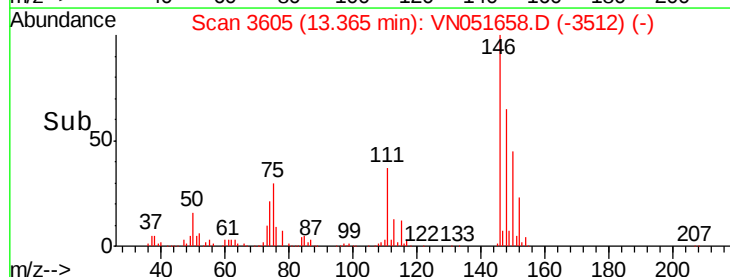
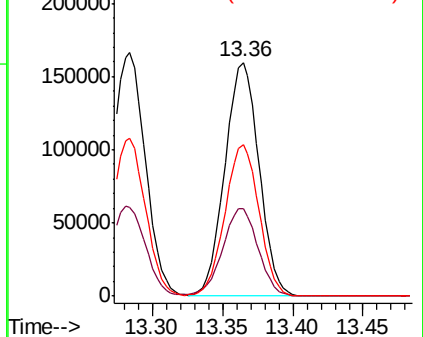
148 64.7 32.3 96.8

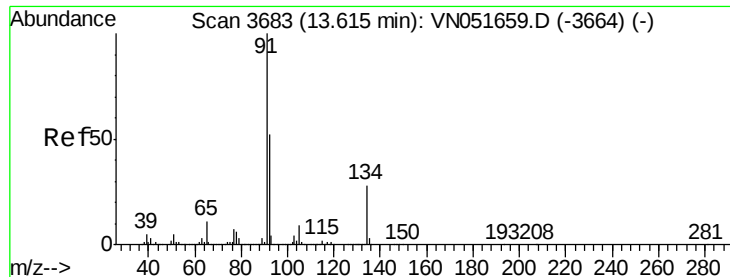


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.319 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

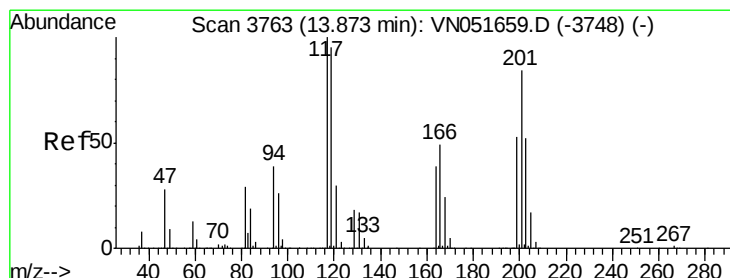
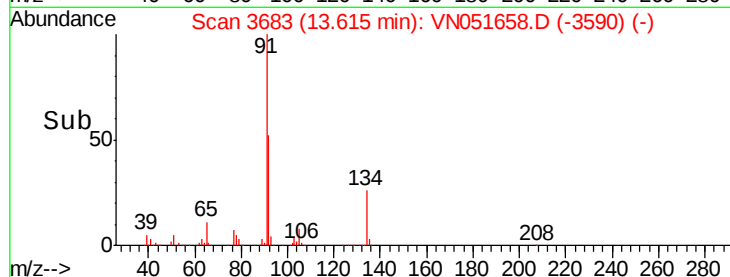
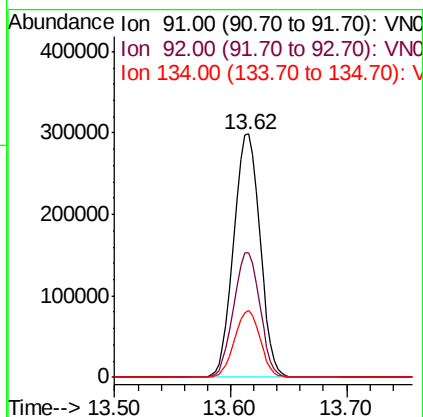
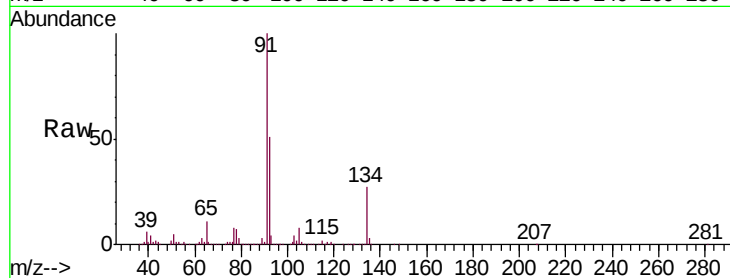
Tgt Ion: 91 Resp: 466162

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 26.8 14.2 42.6



#90

Hexachloroethane

Concen: 21.185 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051658.D

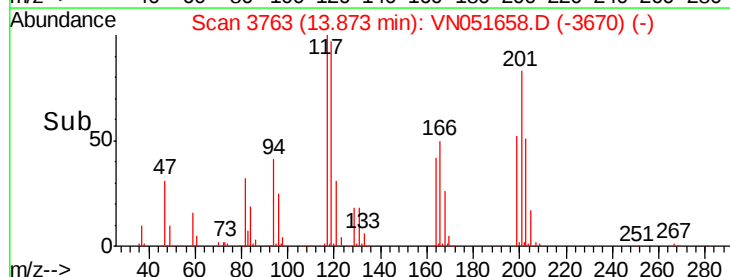
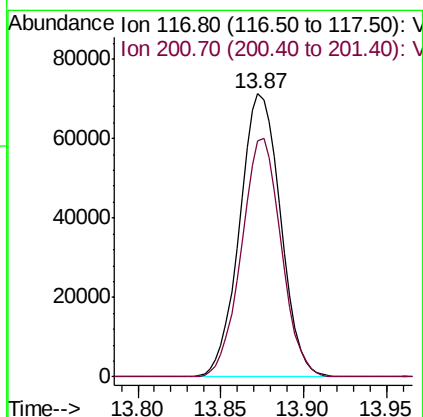
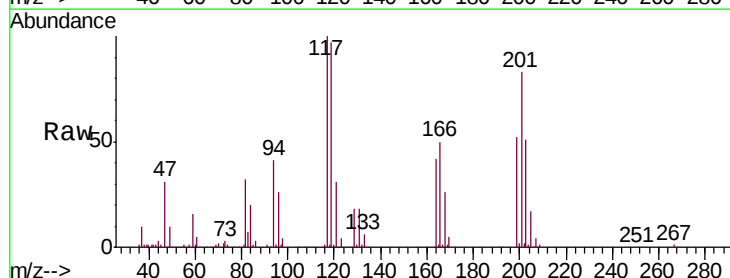
Acq: 4 Oct 2018 11:16

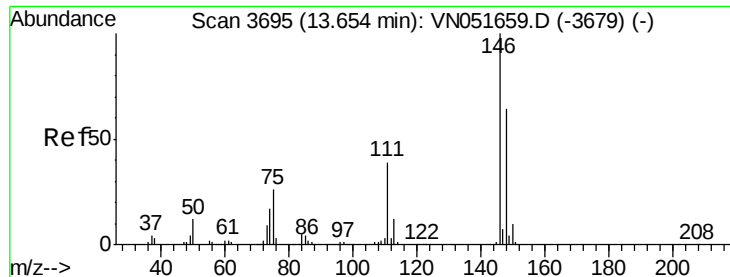
Tgt Ion: 117 Resp: 122643

Ion Ratio Lower Upper

117 100

201 81.9 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 19.940 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

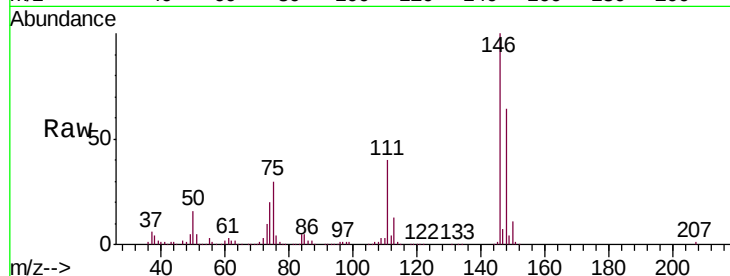
Tgt Ion:146 Resp: 276746

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

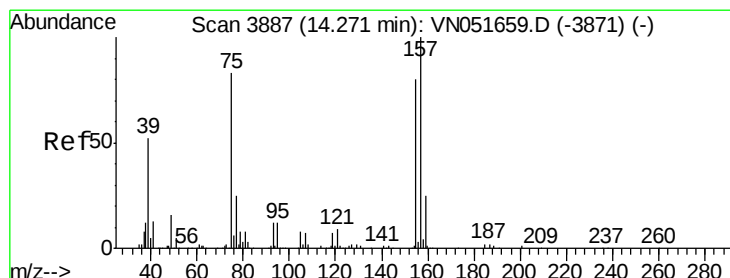
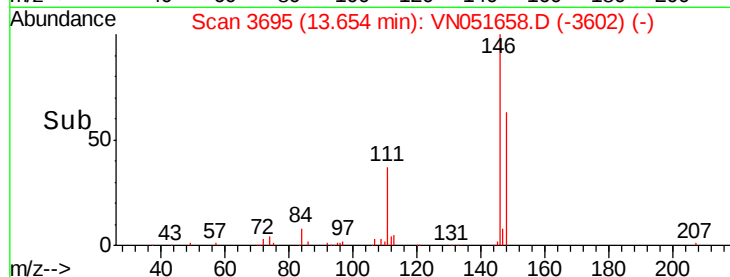
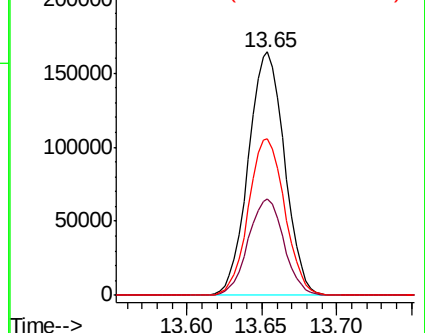
148 64.4 32.1 96.3



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: 21.528 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051658.D

Acq: 4 Oct 2018 11:16

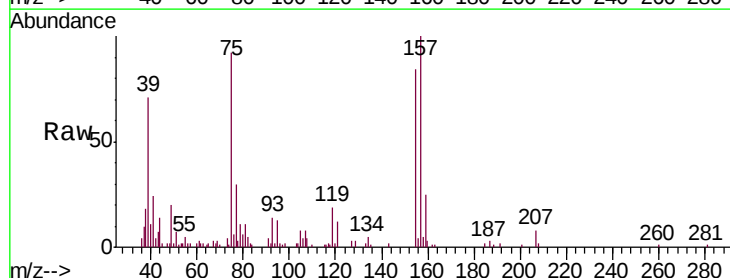
Tgt Ion: 75 Resp: 24780

Ion Ratio Lower Upper

75 100

155 91.3 47.6 142.9

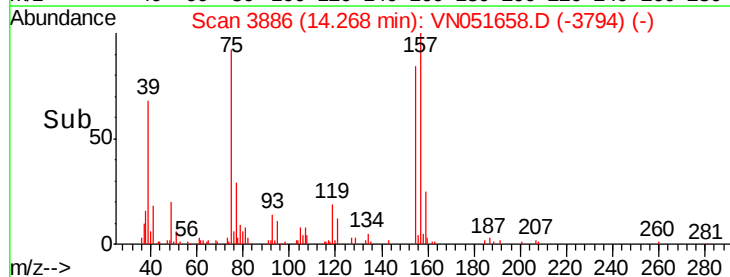
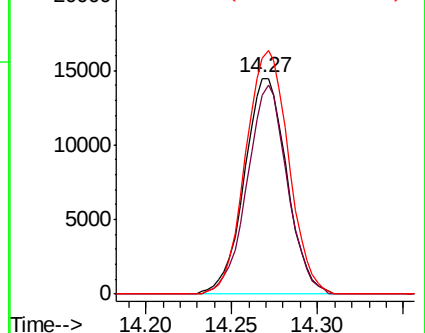
157 114.2 61.7 185.1

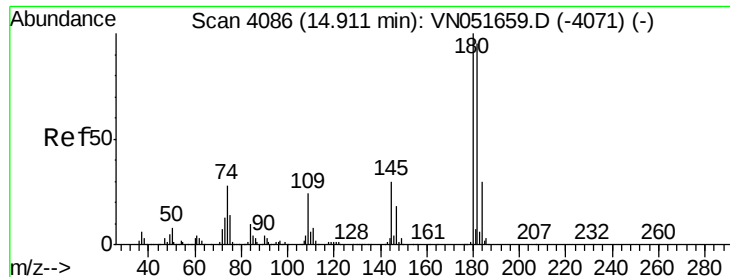


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

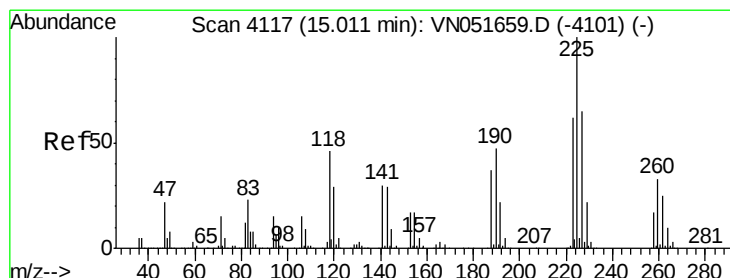
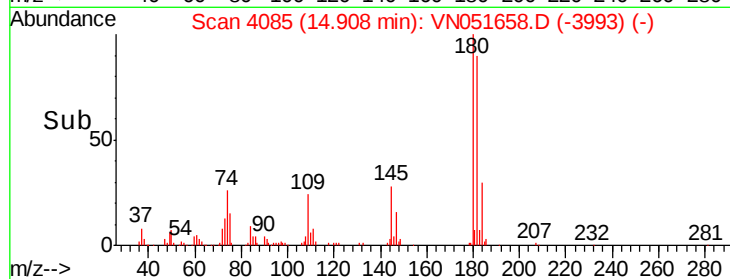
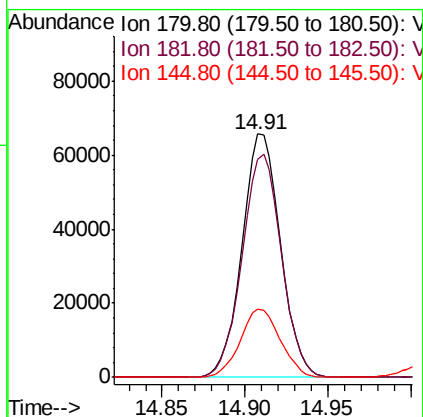
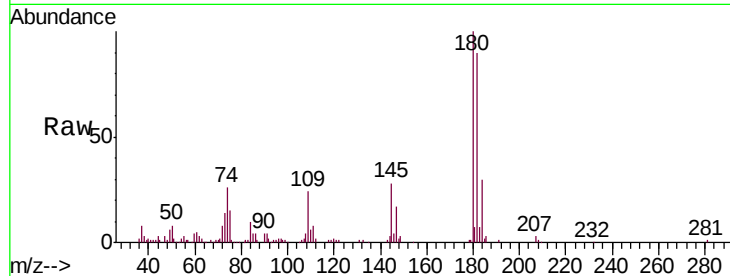




#93
 1,2,4-Trichlorobenzene
 Concen: 17.198 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

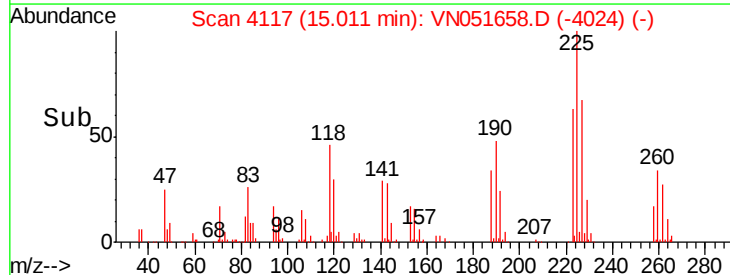
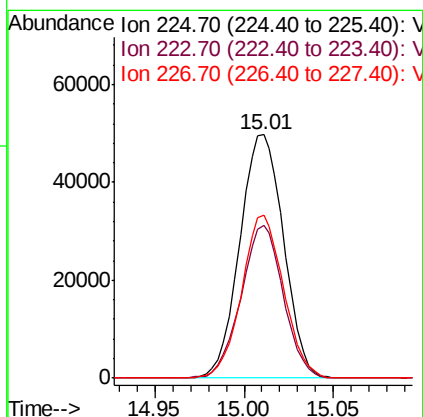
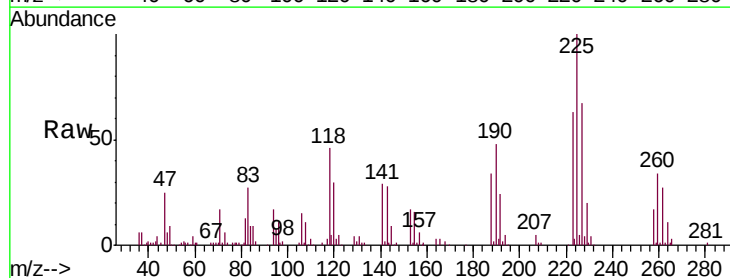
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

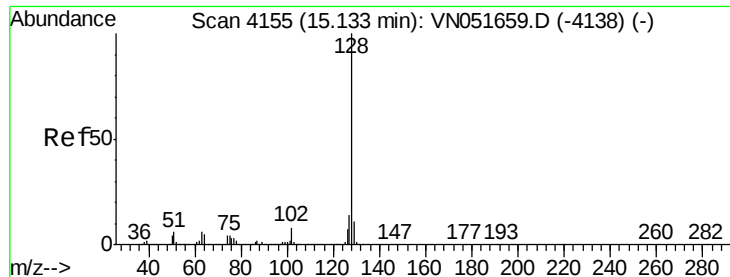
Tgt Ion:180 Resp: 106209
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.7 143.1
 145 28.9 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 20.358 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051658.D
 Acq: 4 Oct 2018 11:16

Tgt Ion:225 Resp: 85304
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.9 95.5
 227 64.1 31.7 95.1

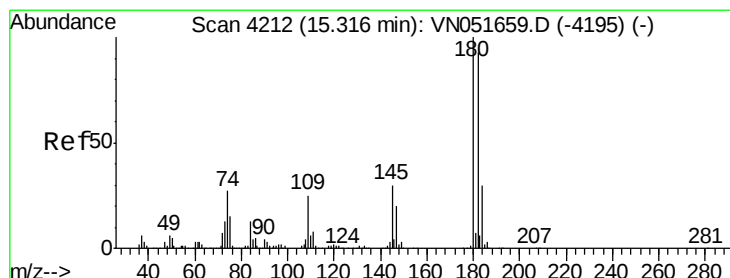
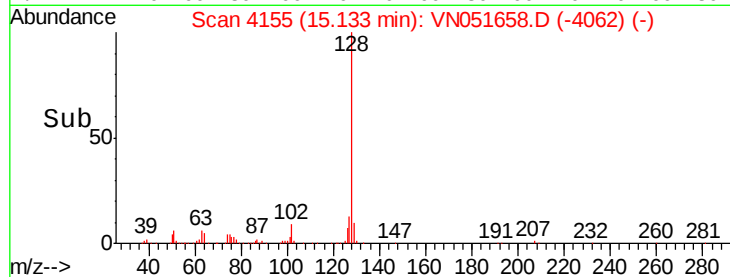
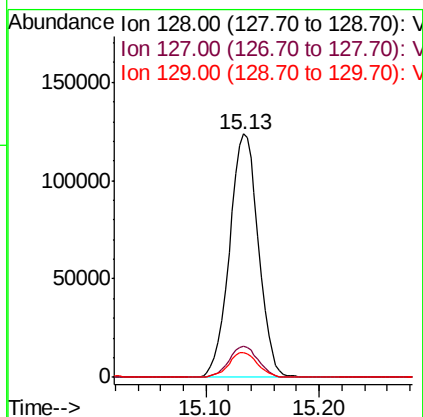
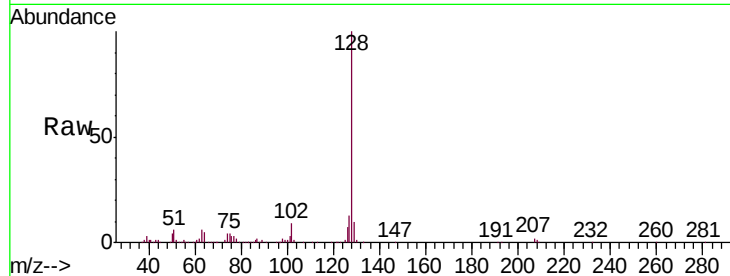




#95
Naphthalene
Concen: 16.430 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 219117
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.4 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.079 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN051658.D
Acq: 4 Oct 2018 11:16

Tgt Ion:180 Resp: 109963
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 30.6 15.6 46.8

