

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051272.D
 Acq On : 17 Sep 2018 13:54
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 09:22:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	847231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	394547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	322752	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	7.59	113	322105	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1233113	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	399201	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	307431	50.47	ug/l	99
3) Chloromethane	2.06	50	394988	50.37	ug/l	99
4) Vinyl Chloride	2.18	62	397079	48.29	ug/l	98
5) Bromomethane	2.56	94	228452	47.05	ug/l	98
6) Chloroethane	2.70	64	233429	47.58	ug/l	98
7) Trichlorofluoromethane	3.01	101	543804	48.25	ug/l	99
8) Diethyl Ether	3.41	74	183910	49.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	341782	48.53	ug/l	99
10) Methyl Iodide	3.95	142	336724	47.79	ug/l	98
11) Tert butyl alcohol	4.78	59	90780	241.49	ug/l	100
12) 1,1-Dichloroethene	3.73	96	312670	49.16	ug/l	97
13) Acrolein	3.61	56	136255	238.82	ug/l	100
14) Allyl chloride	4.32	41	459777	48.97	ug/l	99
15) Acrylonitrile	4.99	53	492468	250.41	ug/l	99
16) Acetone	3.82	43	372349	249.97	ug/l	99
17) Carbon Disulfide	4.05	76	954454	48.84	ug/l	100
18) Methyl Acetate	4.32	43	218681	47.09	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	795439	52.18	ug/l	99
20) Methylene Chloride	4.55	84	347525	46.51	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	335271	48.09	ug/l	99
22) Diisopropyl ether	5.95	45	963711	52.99	ug/l	97
23) Vinyl Acetate	5.90	43	3126500	265.33	ug/l	100
24) 1,1-Dichloroethane	5.85	63	599000	49.27	ug/l	100
25) 2-Butanone	6.84	43	532324	243.43	ug/l	100
26) 2,2-Dichloropropane	6.82	77	495399	50.10	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	370701	49.77	ug/l	99
28) Bromochloromethane	7.20	49	257529	48.10	ug/l	100
29) Tetrahydrofuran	7.21	42	346132	256.01	ug/l	100
30) Chloroform	7.37	83	599107	48.25	ug/l	100
31) Cyclohexane	7.65	56	543831	49.40	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	527210	49.48	ug/l	99
36) 1,1-Dichloropropene	7.79	75	475930	51.90	ug/l	100
37) Ethyl Acetate	6.93	43	237939	50.47	ug/l	99
38) Carbon Tetrachloride	7.77	117	480217	50.22	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	548917	55.10	ug/l	99
40) Benzene	8.04	78	1406277	51.54	ug/l	100
41) Methacrylonitrile	7.17	41	131994	54.56	ug/l	97
42) 1,2-Dichloroethane	8.12	62	397035	49.48	ug/l	100
43) Isopropyl Acetate	8.16	43	428630	52.54	ug/l	99
44) Trichloroethene	8.83	130	390043	50.85	ug/l	97
45) 1,2-Dichloropropane	9.12	63	356971	51.60	ug/l	98
46) Dibromomethane	9.21	93	210322	49.91	ug/l	99
47) Bromodichloromethane	9.40	83	460846	51.31	ug/l	100
48) Methyl methacrylate	9.20	41	212008	53.96	ug/l	99
49) 1,4-Dioxane	9.20	88	60564	1065.47	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1138910	270.56	ug/l	99
52) Toluene	10.16	92	884960	54.18	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	456444	54.08	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	536476	53.22	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	298885	51.17	ug/l	99
56) Ethyl methacrylate	10.43	69	363449	48.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	507328	53.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	857188	250.29	ug/l	99
59) 2-Hexanone	10.75	43	745094	268.84	ug/l	99
60) Dibromochloromethane	10.90	129	357040	51.94	ug/l	99
61) 1,2-Dibromoethane	11.00	107	294968	52.54	ug/l	97
64) Tetrachloroethene	10.63	164	361077	49.39	ug/l	99
65) Chlorobenzene	11.43	112	975375	51.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	359806	49.90	ug/l	99
67) Ethyl Benzene	11.51	91	1638804	53.99	ug/l	100
68) m/p-Xylenes	11.62	106	1298941	110.16	ug/l	100
69) o-Xylene	11.95	106	620266	55.20	ug/l	100
70) Styrene	11.96	104	983445	49.49	ug/l	100
71) Bromoform	12.13	173	244364	51.10	ug/l	100
73) Isopropylbenzene	12.25	105	1644040	49.41	ug/l	99
74) N-amyl acetate	12.07	43	334322	48.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	352130	50.81	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	415292	78.61	ug/l #	100
77) Bromobenzene	12.53	156	417348	50.16	ug/l	99
78) n-propylbenzene	12.59	91	1816104	50.60	ug/l	100
79) 2-Chlorotoluene	12.67	91	1079565	47.32	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1340484	50.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	90675	51.04	ug/l	98
82) 4-Chlorotoluene	12.77	91	1080105	49.77	ug/l	100
83) tert-Butylbenzene	12.99	119	1169956	49.77	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1353964	52.41	ug/l	99
85) sec-Butylbenzene	13.17	105	1531822	51.31	ug/l	100
86) p-Isopropyltoluene	13.29	119	1363166	54.46	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	711048	48.37	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	686775	49.33	ug/l	99
89) n-Butylbenzene	13.61	91	1029873	50.09	ug/l	99
90) Hexachloroethane	13.87	117	243301	49.81	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	678158	50.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46207	47.62	ug/l	99

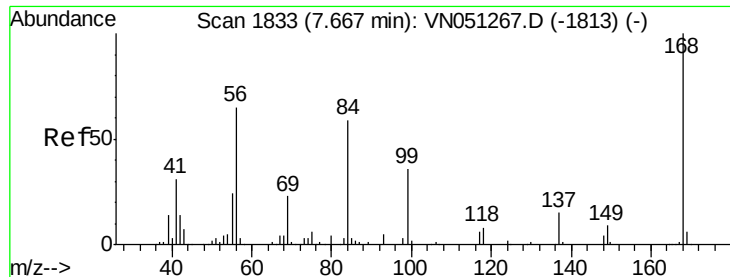
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	297627	45.25	ug/l	98
94) Hexachlorobutadiene	15.01	225	235053	52.23	ug/l	99
95) Naphthalene	15.13	128	512747	42.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	287364	45.97	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

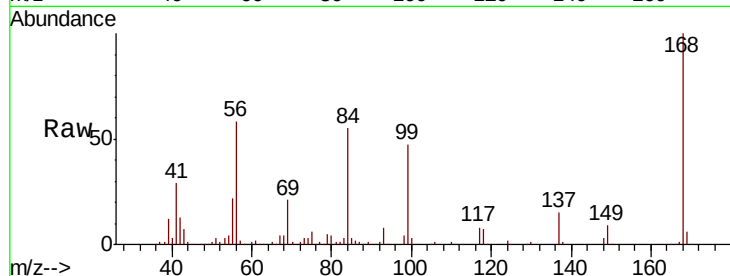
ClientSampleId :

Tot Ion:168 Resp: 628118

Ion Ratio Lower Upper

168 100

99 47.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

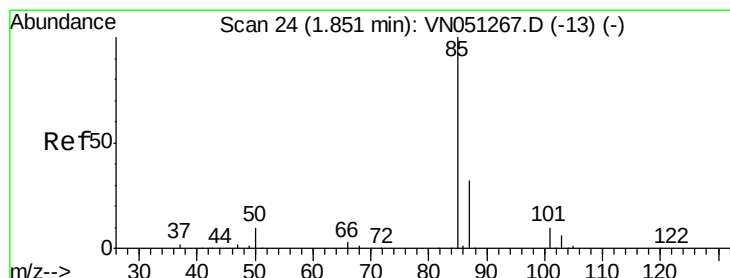
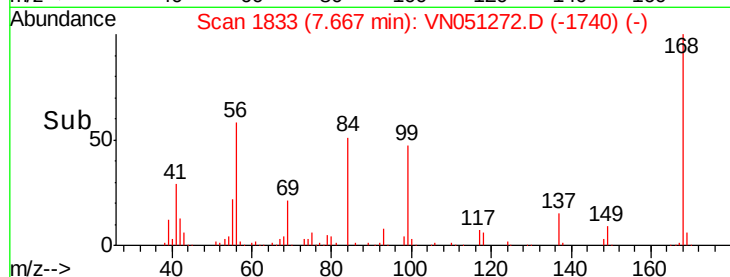
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 50.47 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051272.D

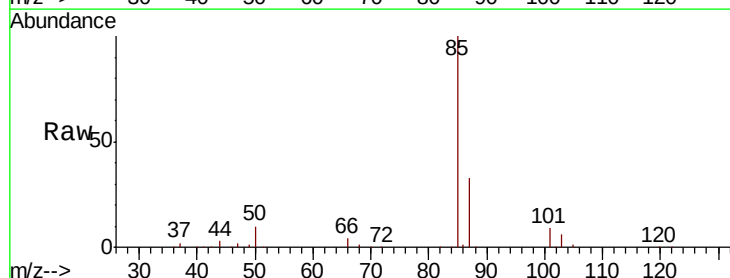
Acq: 17 Sep 2018 13:54

Tgt Ion: 85 Resp: 307431

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

250000

200000

150000

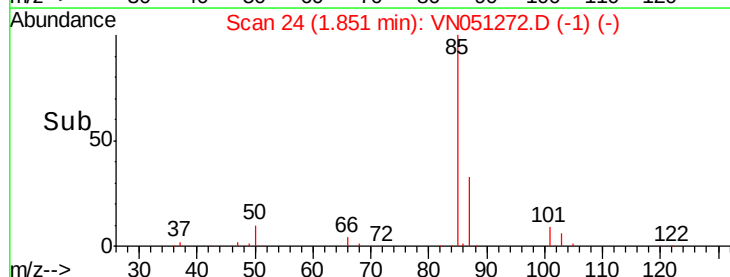
100000

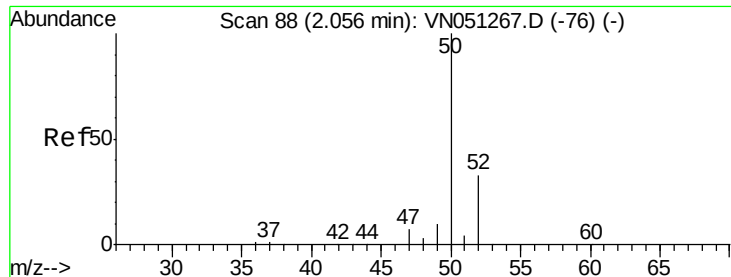
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 50.37 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

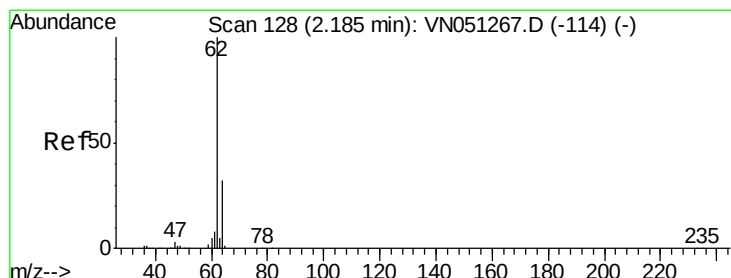
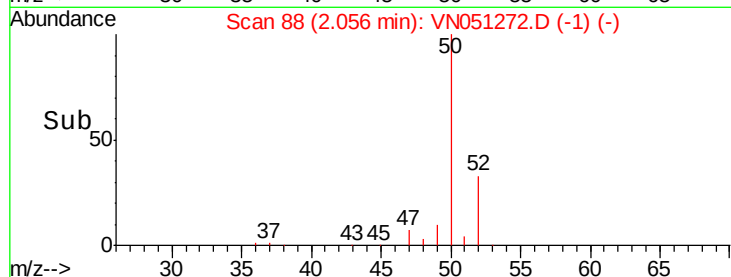
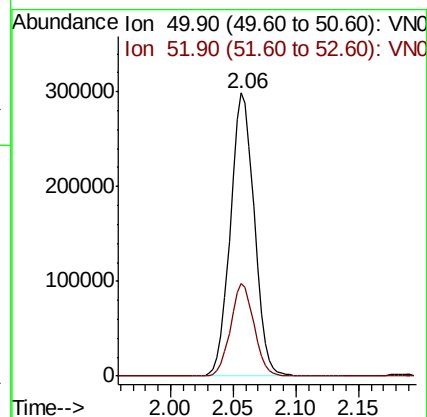
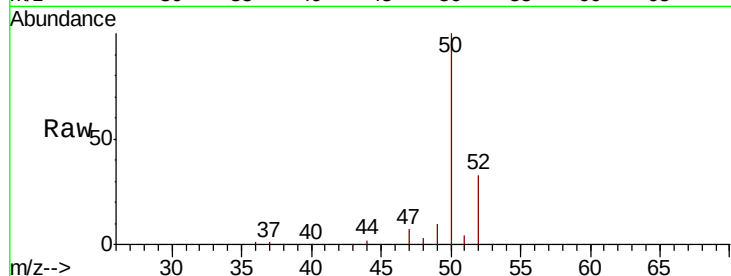
ClientSampled :

Tot Ion: 50 Resp: 394988

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 48.29 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051272.D

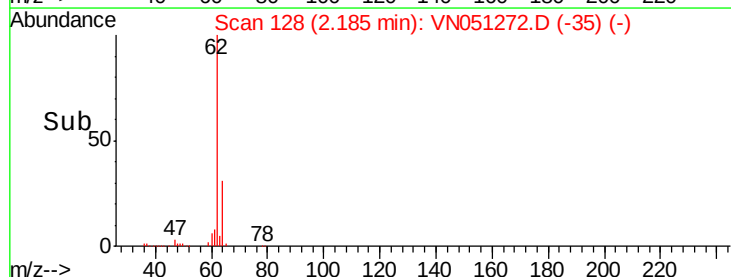
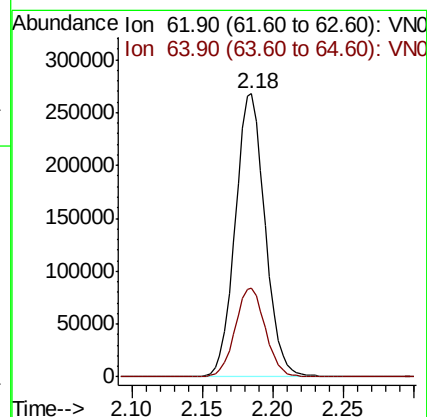
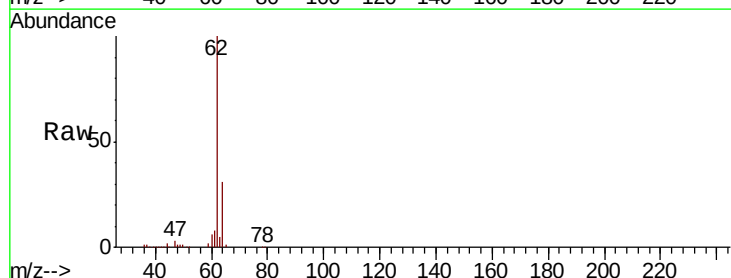
Acq: 17 Sep 2018 13:54

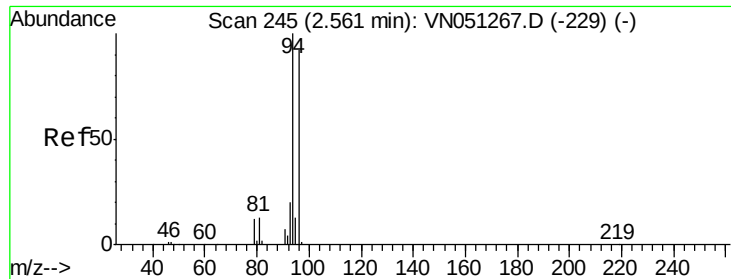
Tgt Ion: 62 Resp: 397079

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.6





#5

Bromomethane

Concen: 47.05 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

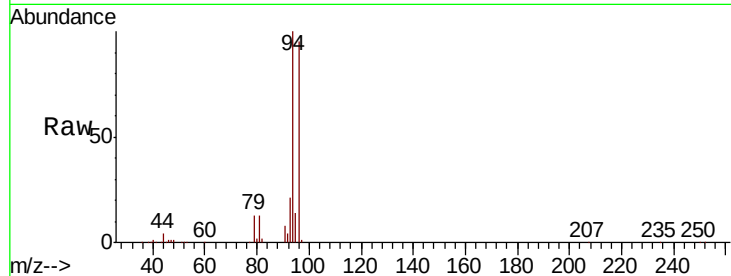
ClientSampleId :

Tot Ion: 94 Resp: 228452

Ion Ratio Lower Upper

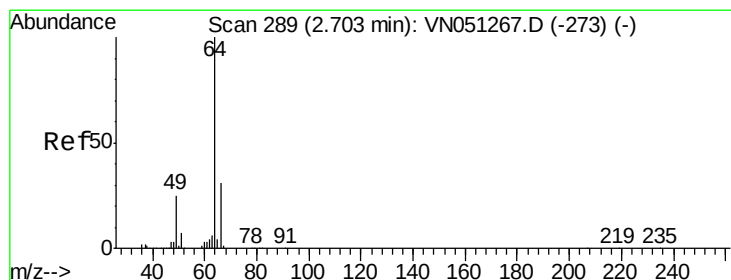
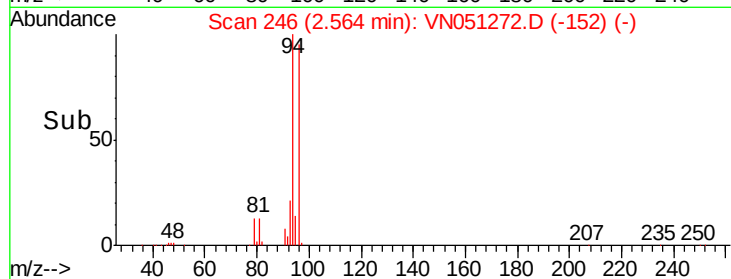
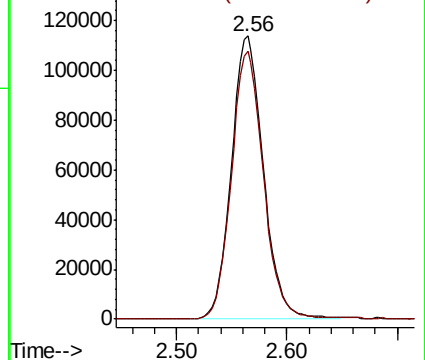
94 100

96 94.4 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.58 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051272.D

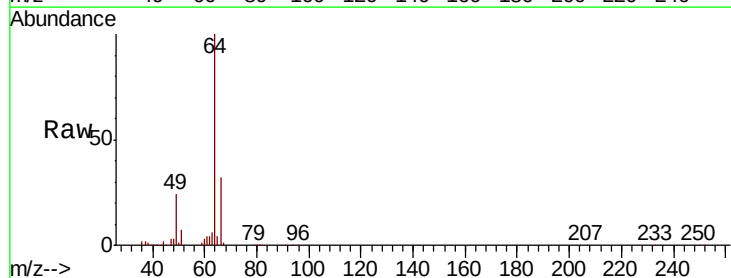
Acq: 17 Sep 2018 13:54

Tgt Ion: 64 Resp: 233429

Ion Ratio Lower Upper

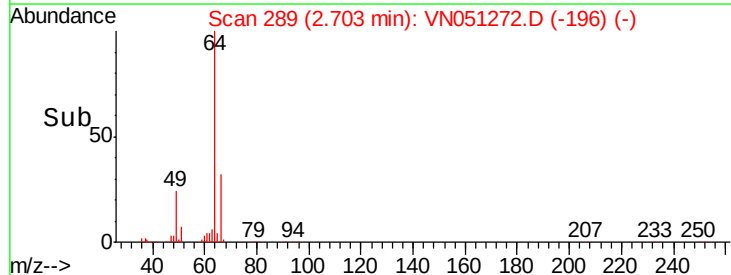
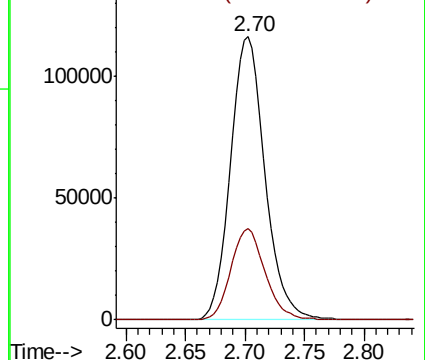
64 100

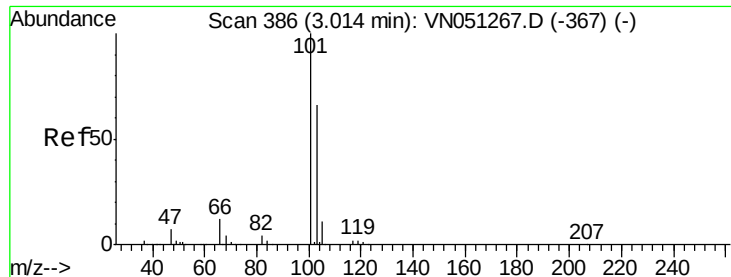
66 32.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



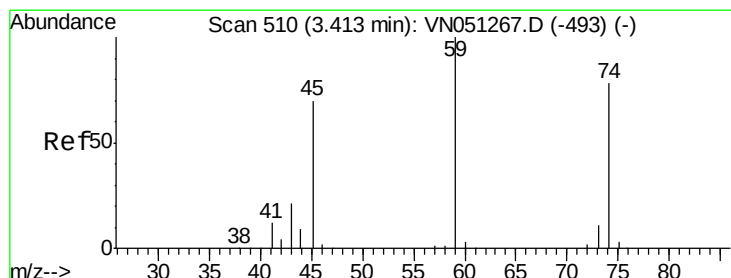
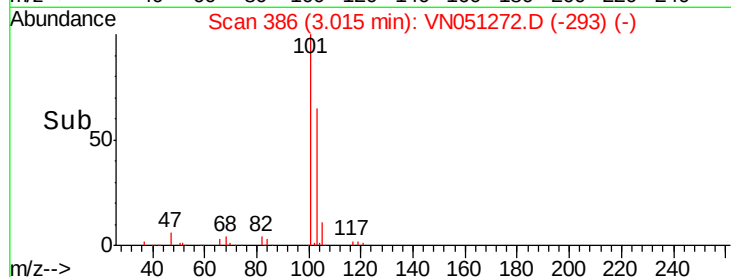
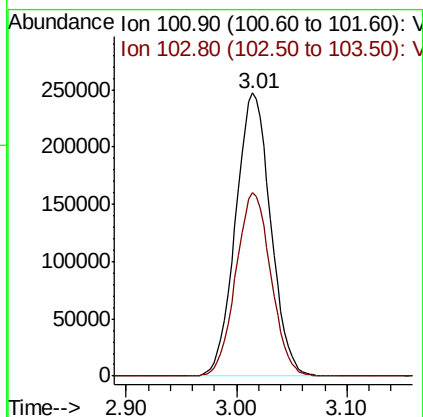
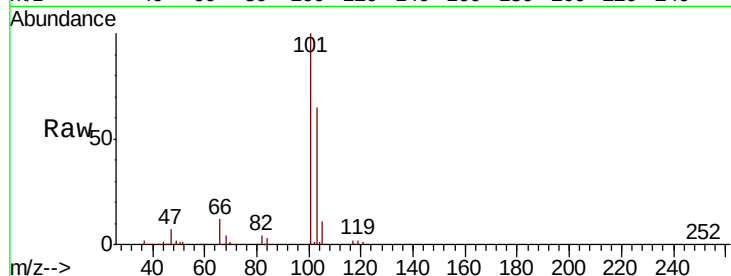


#7

Trichlorofluoromethane
 Concen: 48.25 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Instrument :
 MSVOA_N
 ClientSampled :

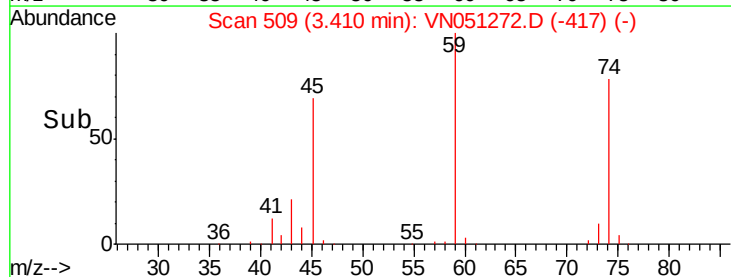
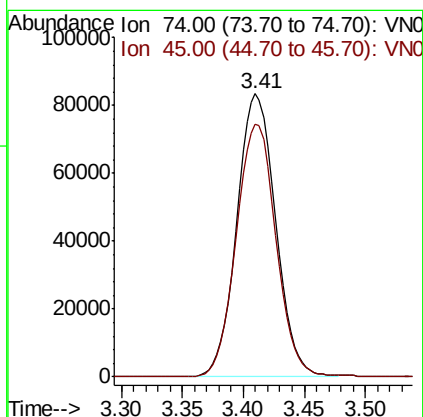
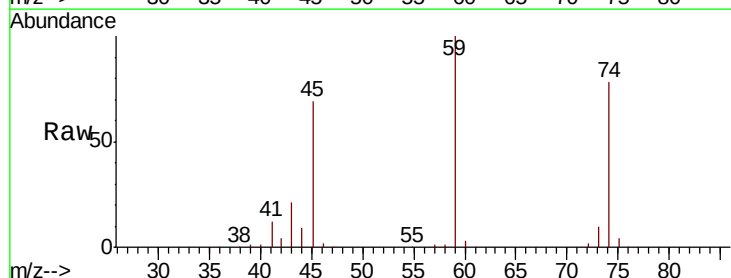
Tot Ion:101 Resp: 543804
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.7 79.1

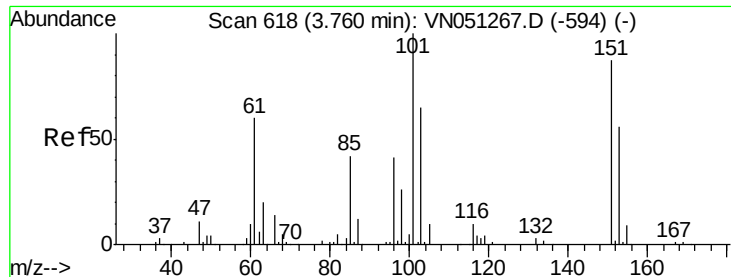


#8

Diethyl Ether
 Concen: 49.87 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 74 Resp: 183910
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.53 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

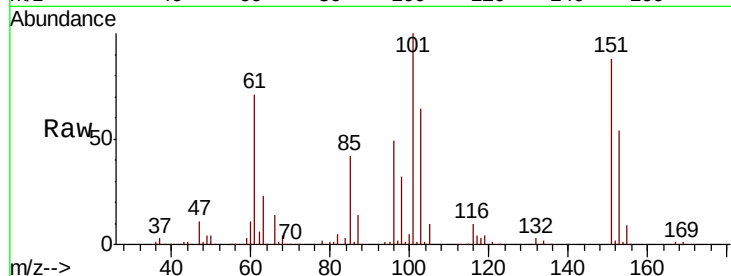
Tot Ion:101 Resp: 341782

Ion Ratio Lower Upper

101 100

85 41.3 33.0 49.6

151 86.1 69.8 104.8

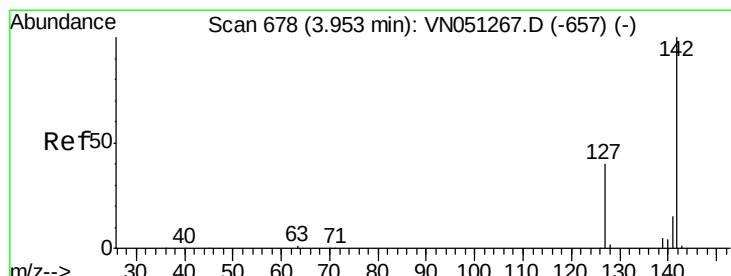
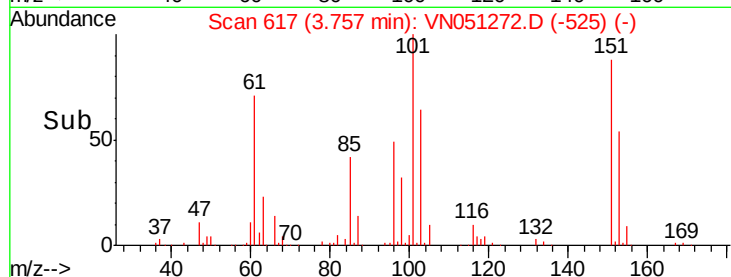
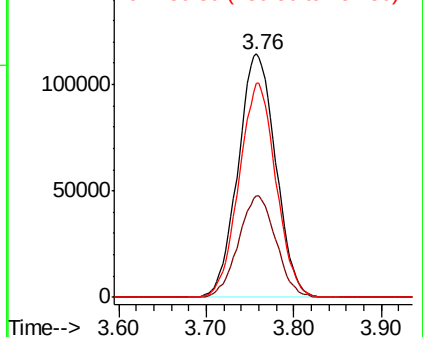


Abundance

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: 47.79 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

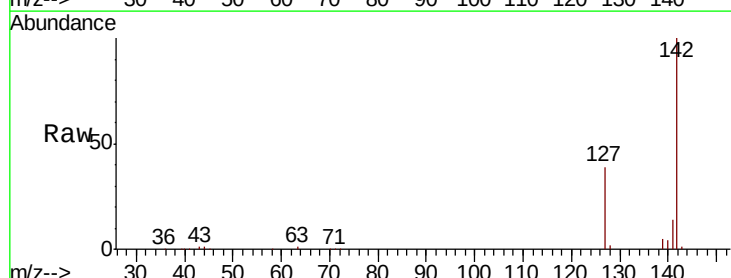
Tgt Ion:142 Resp: 336724

Ion Ratio Lower Upper

142 100

127 38.2 31.7 47.5

141 14.3 11.6 17.4

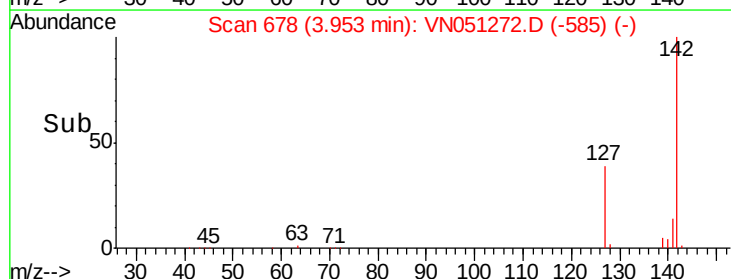
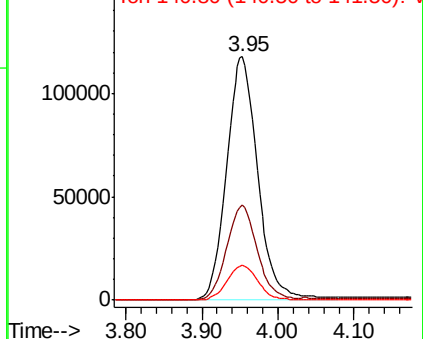


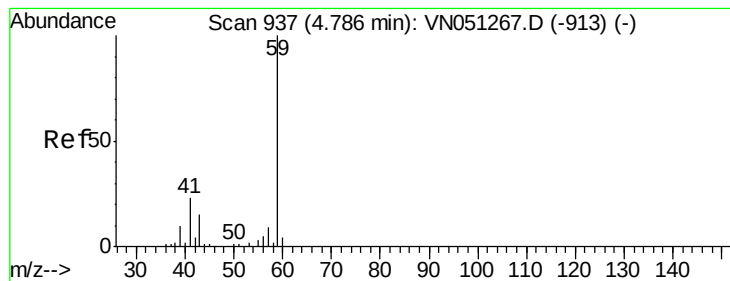
Abundance

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



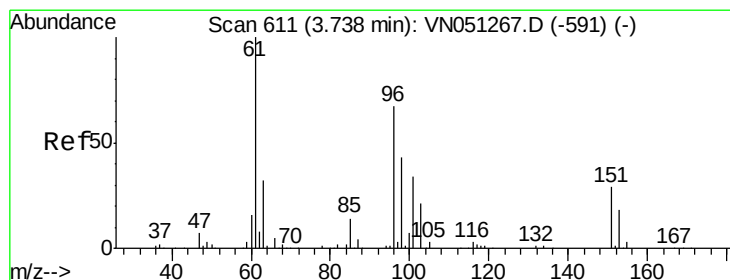
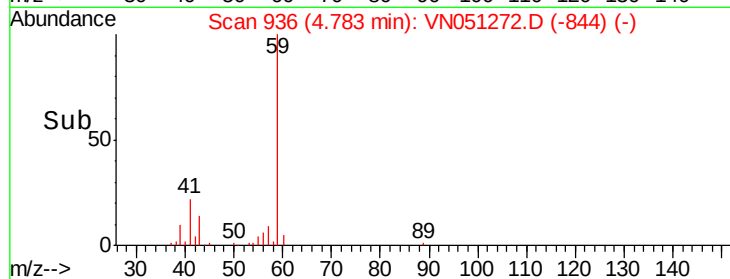
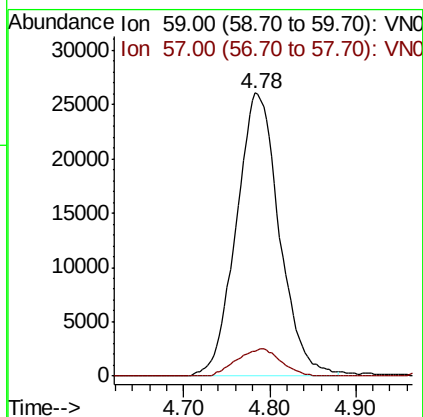
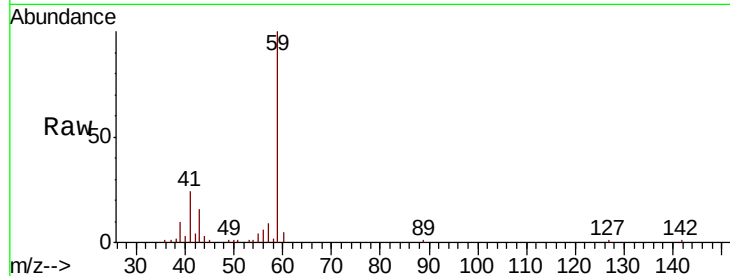


#11

Tert butyl alcohol
 Concen: 241.49 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Instrument :
 MSVOA_N
 ClientSampleId :

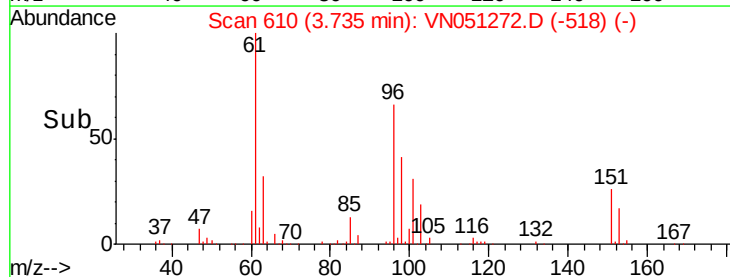
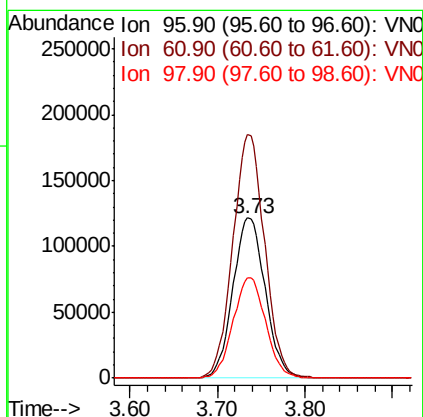
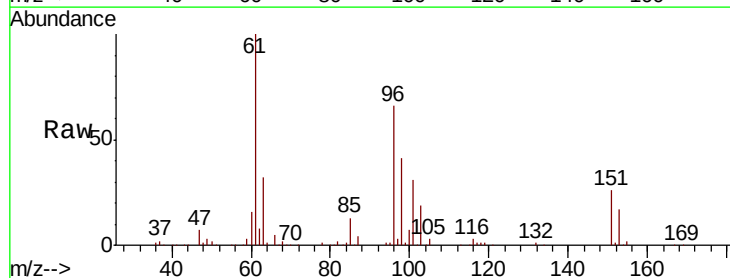
Tot Ion: 59 Resp: 90780
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

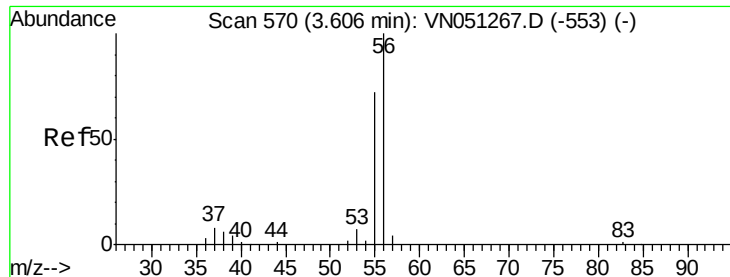


#12

1,1-Dichloroethene
 Concen: 49.16 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 96 Resp: 312670
 Ion Ratio Lower Upper
 96 100
 61 151.9 119.3 178.9
 98 62.2 51.8 77.6





#13

Acrolein

Concen: 238.82 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

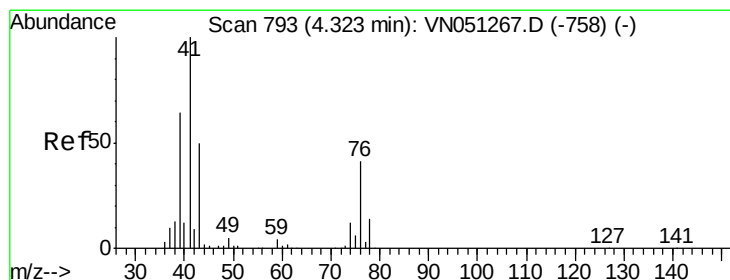
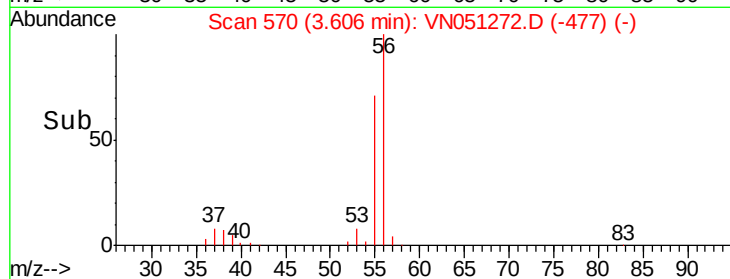
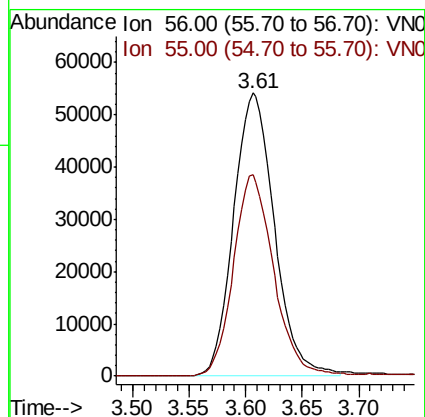
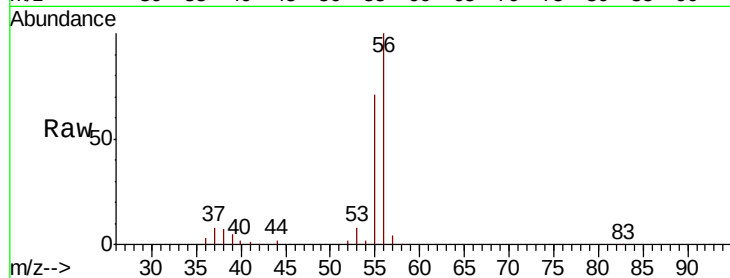
ClientSampled :

Tot Ion: 56 Resp: 136255

Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6



#14

Allyl chloride

Concen: 48.97 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

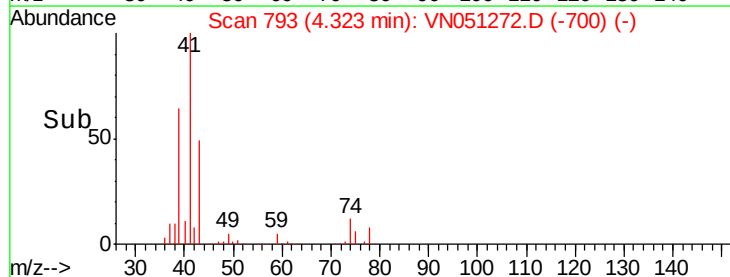
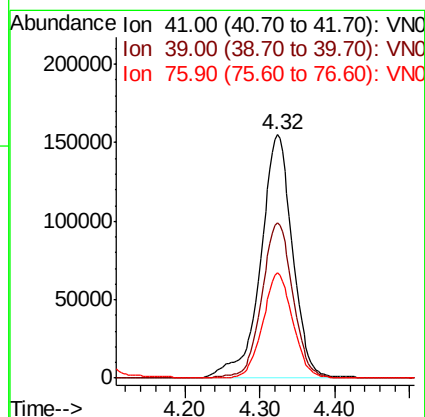
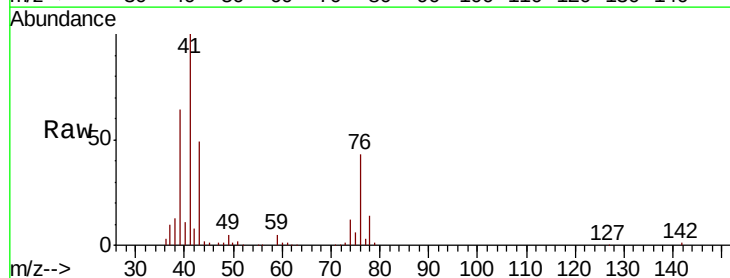
Tgt Ion: 41 Resp: 459777

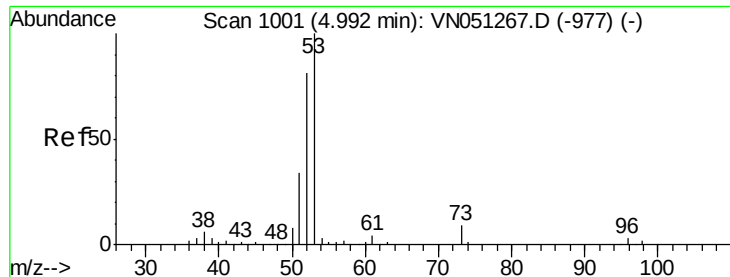
Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 40.1 31.4 47.0

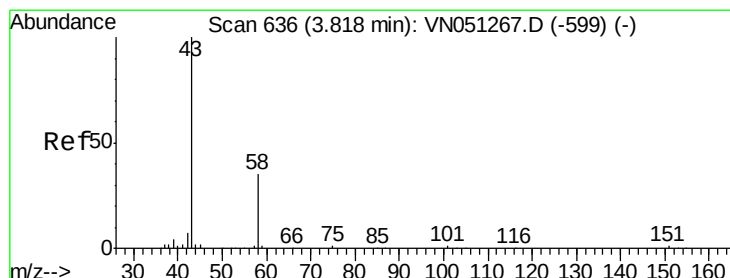
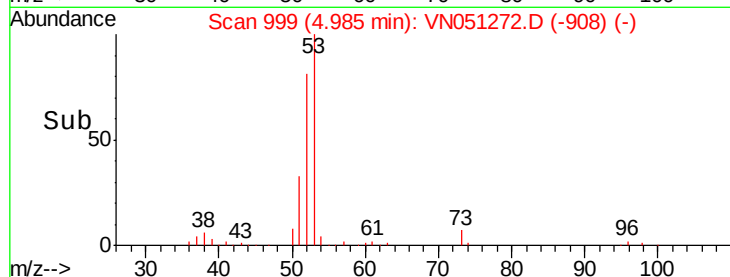
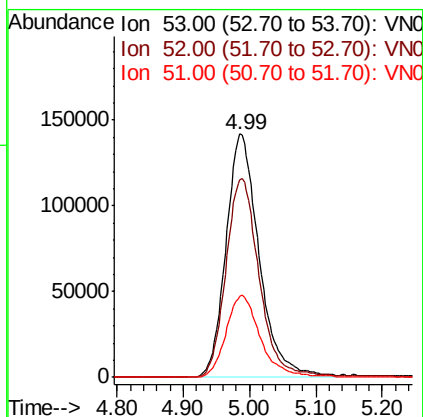
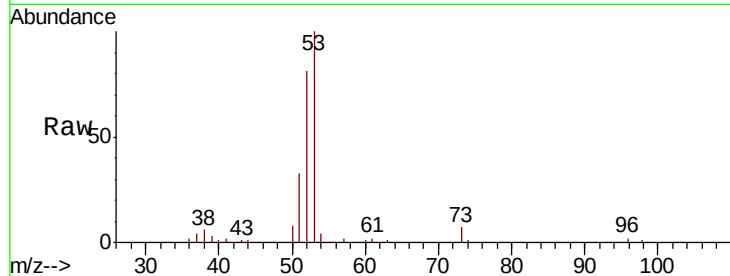




#15
 Acrylonitrile
 Concen: 250.41 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

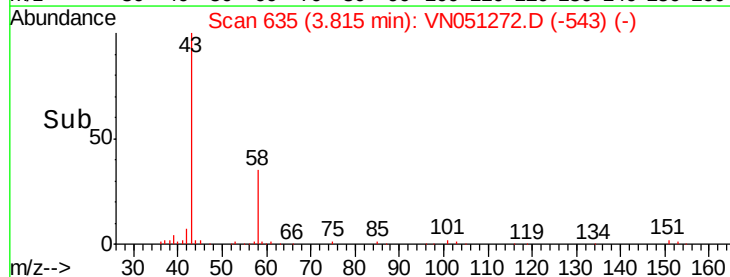
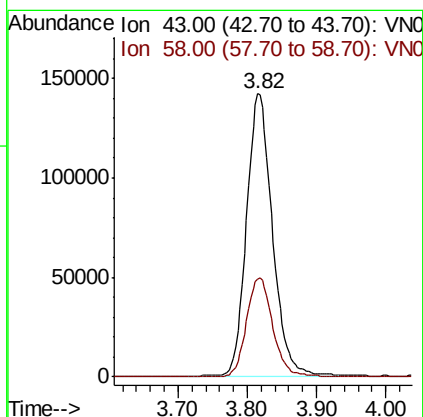
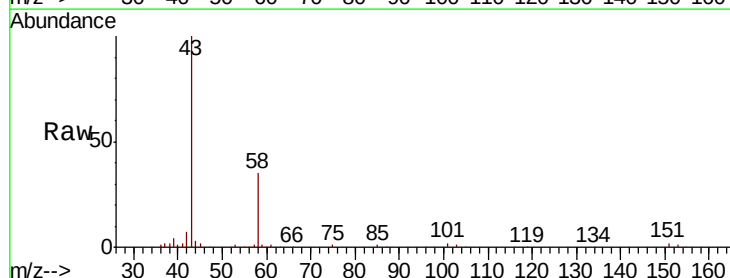
Instrument :
 MSVOA_N
 ClientSampleId :

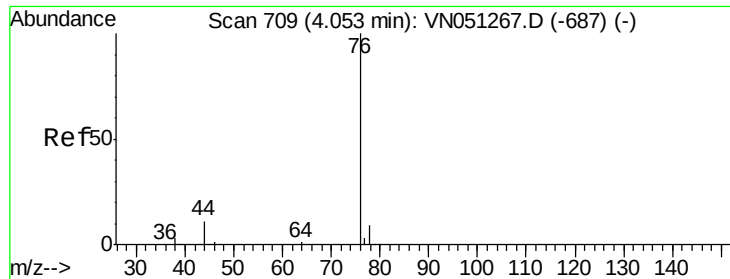
Tot Ion: 53 Resp: 492468
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.0 97.6
 51 35.1 28.0 42.0



#16
 Acetone
 Concen: 249.97 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 43 Resp: 372349
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2





#17

Carbon Disulfide

Concen: 48.84 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

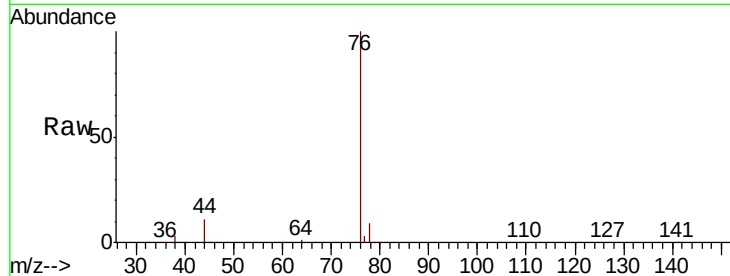
ClientSampled :

Tot Ion: 76 Resp: 954454

Ion Ratio Lower Upper

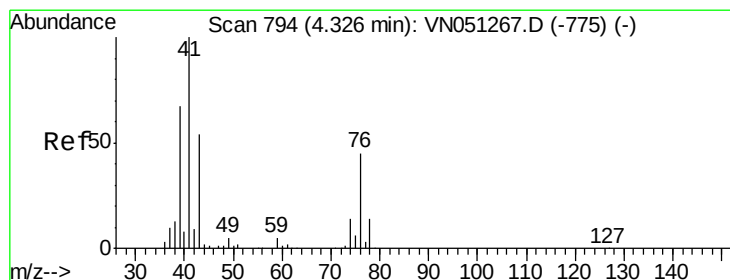
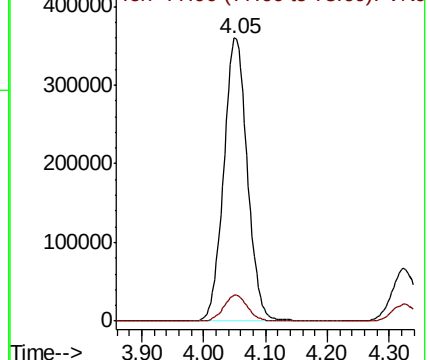
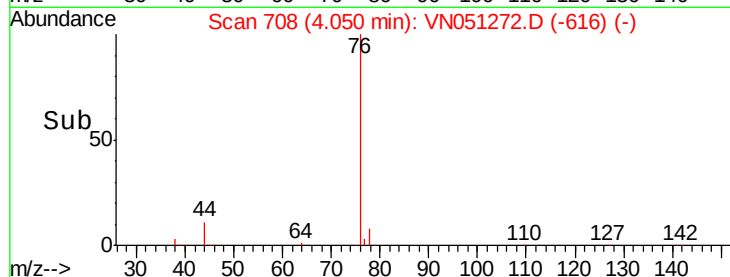
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN051272.D (-616) (-)

Ion 77.90 (77.60 to 78.60): VN051272.D (-616) (-)



#18

Methyl Acetate

Concen: 47.09 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051272.D

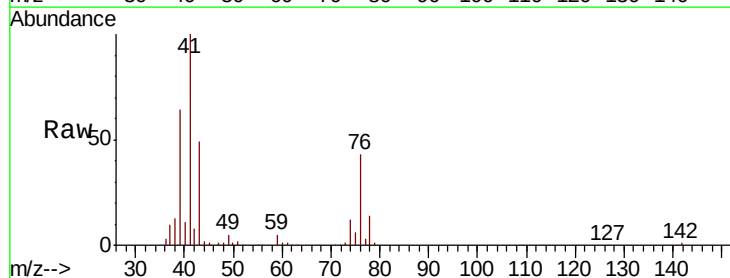
Acq: 17 Sep 2018 13:54

Tgt Ion: 43 Resp: 218681

Ion Ratio Lower Upper

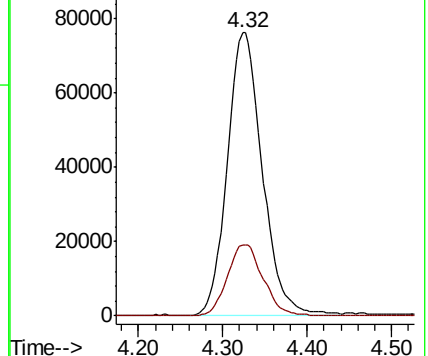
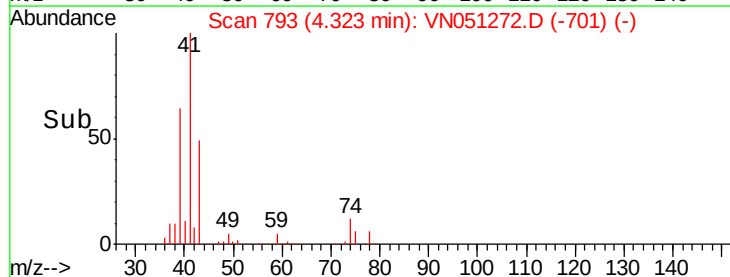
43 100

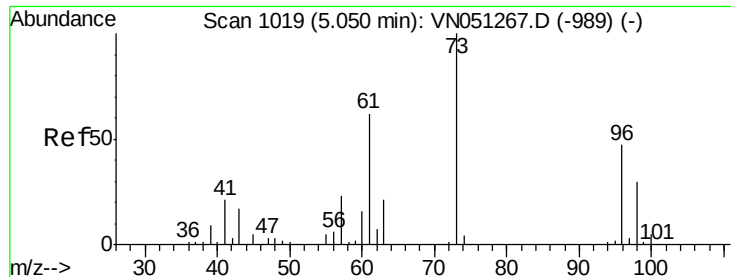
74 25.9 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN051272.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051272.D (-701) (-)

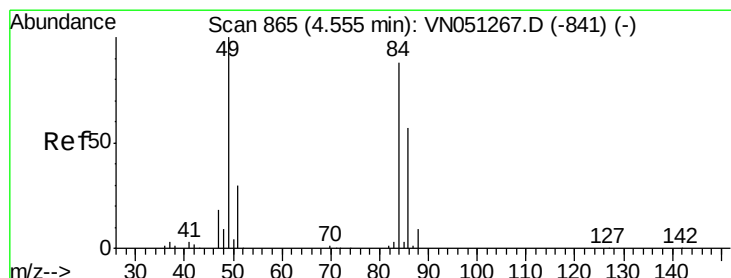
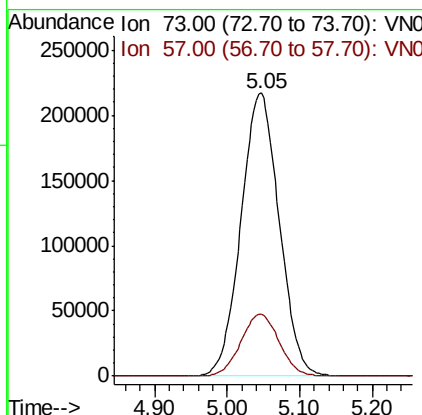
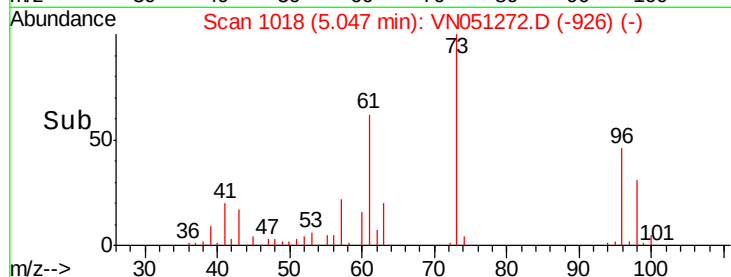
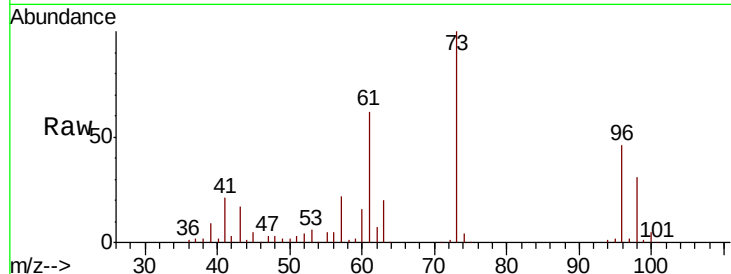




#19
Methyl tert-butyl Ether
Concen: 52.18 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

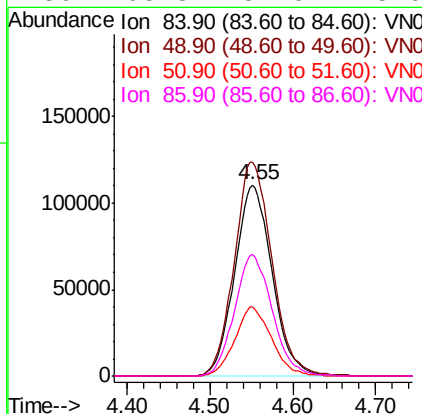
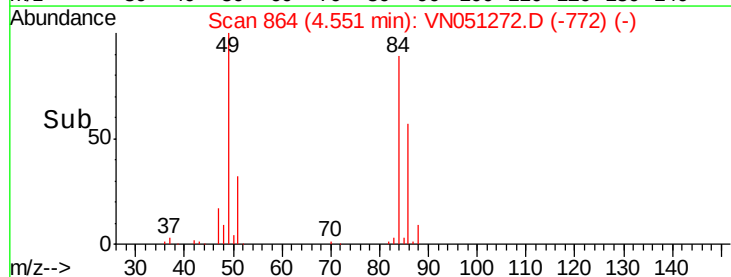
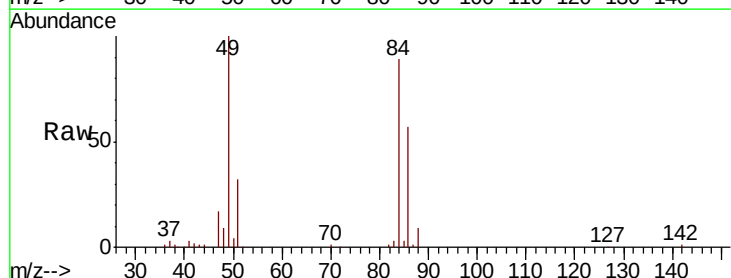
Instrument :
MSVOA_N
ClientSampled :

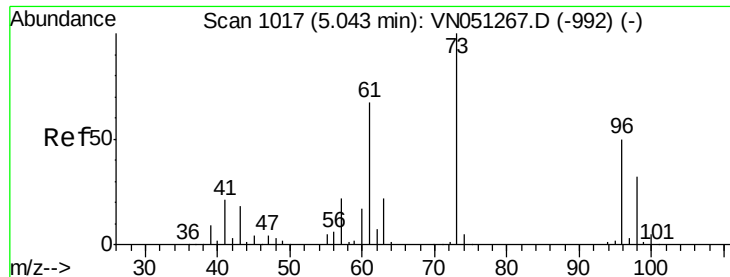
Tot Ion: 73 Resp: 795439
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1



#20
Methylene Chloride
Concen: 46.51 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 84 Resp: 347525
Ion Ratio Lower Upper
84 100
49 111.8 91.2 136.8
51 36.1 27.7 41.5
86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.09 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampled :

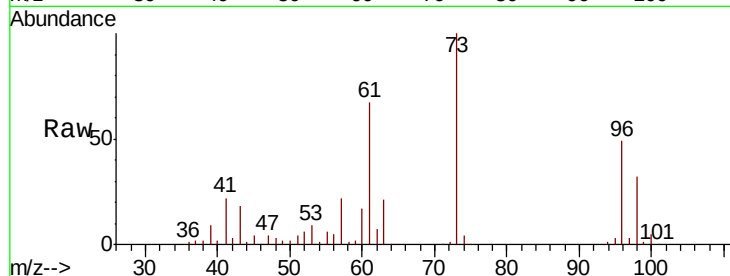
Tot Ion: 96 Resp: 335271

Ion Ratio Lower Upper

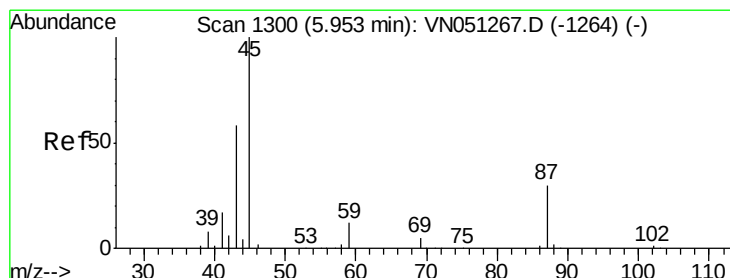
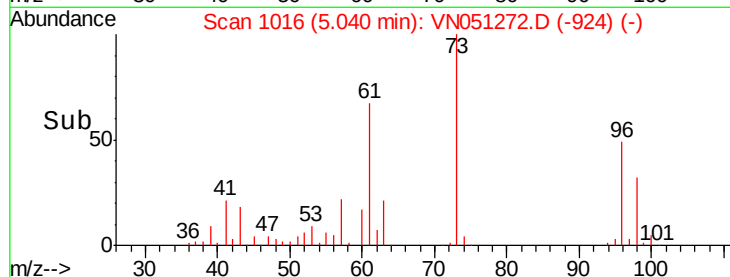
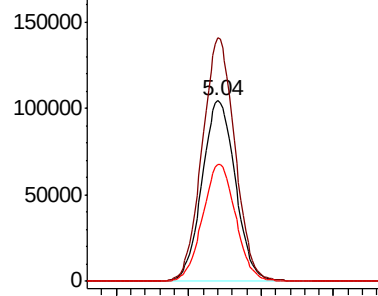
96 100

61 134.8 106.7 160.1

98 65.1 51.4 77.0



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



#22

Diisopropyl ether

Concen: 52.99 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Tgt Ion: 45 Resp: 963711

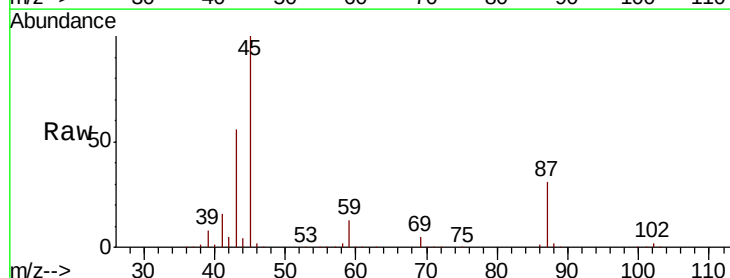
Ion Ratio Lower Upper

45 100

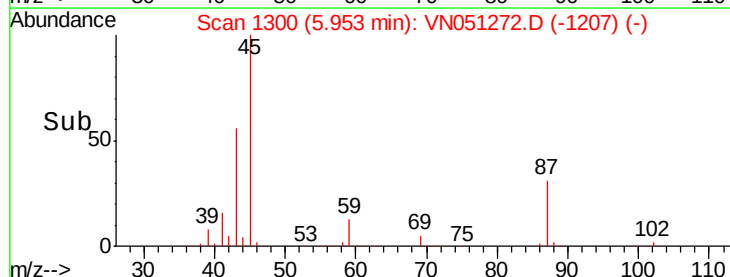
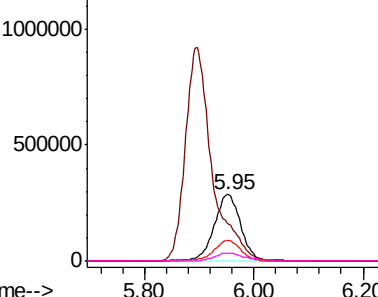
43 55.4 46.7 70.1

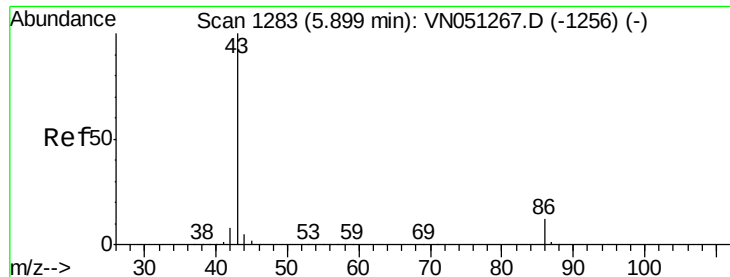
87 31.0 24.6 36.8

59 12.5 9.6 14.4



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





#23

Vinyl Acetate

Concen: 265.33 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

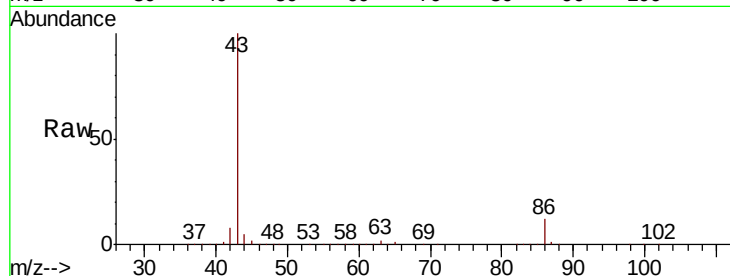
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3126500

Ion Ratio Lower Upper

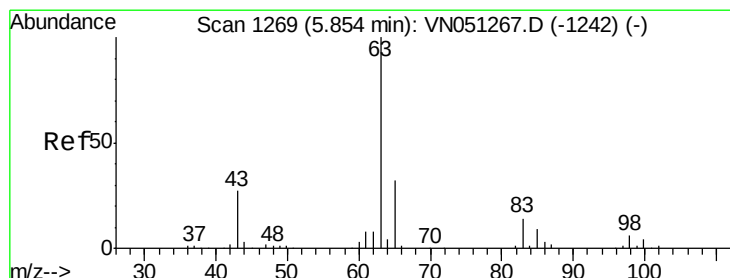
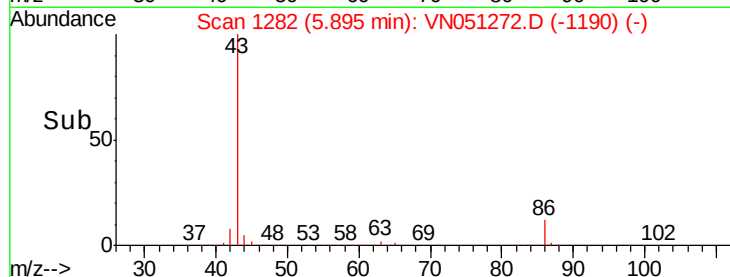
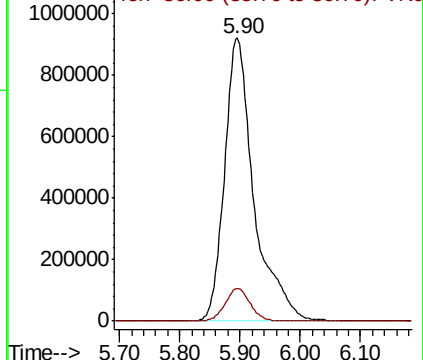
43 100

86 11.7 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.27 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

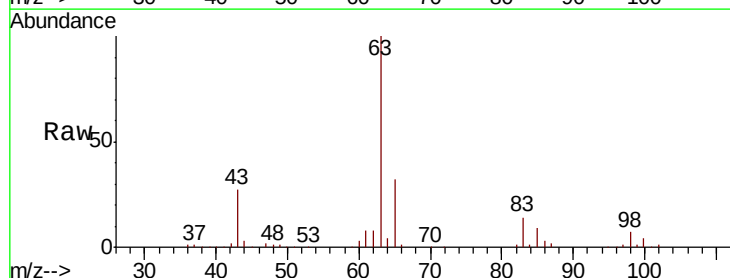
Tgt Ion: 63 Resp: 599000

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

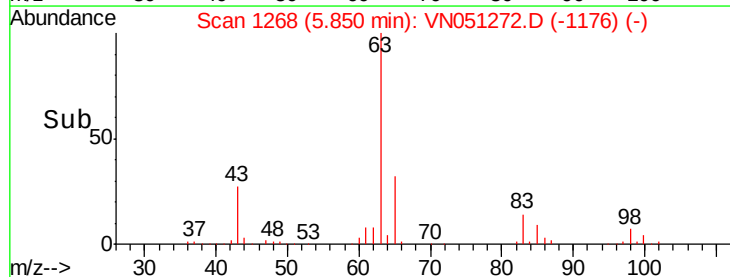
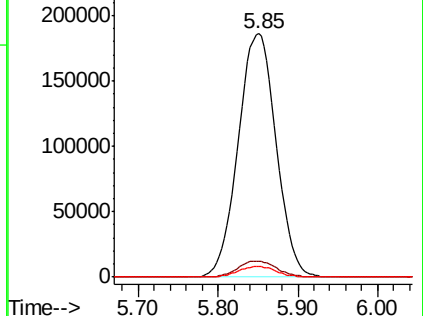
100 4.4 2.3 6.8

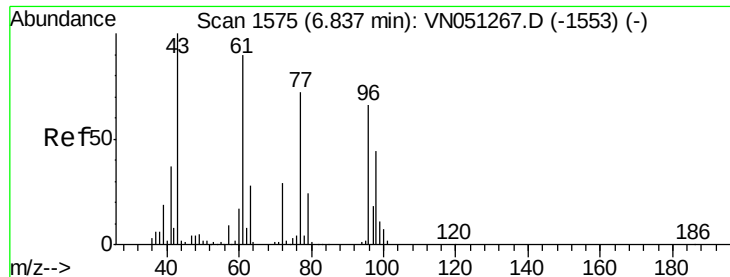


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

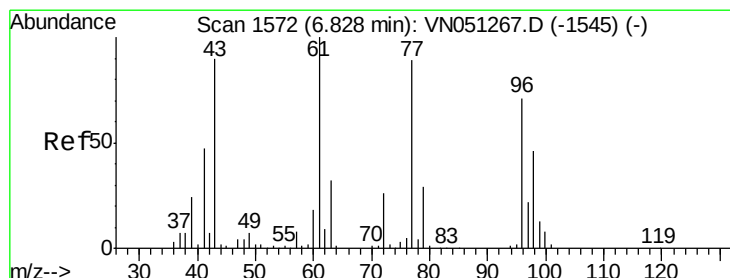
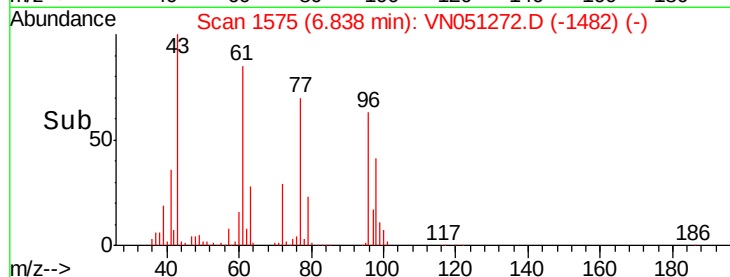
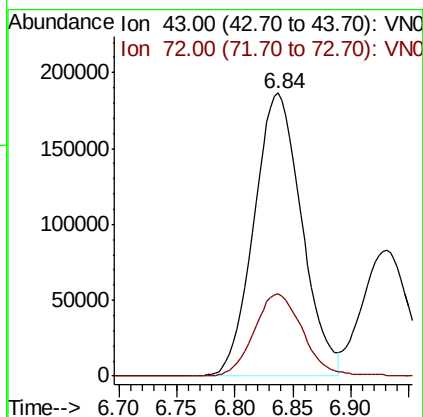
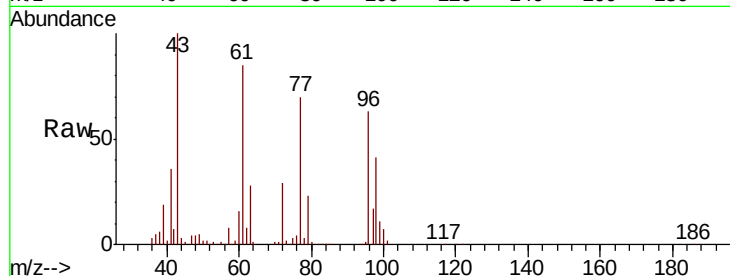




#25
2-Butanone
Concen: 243.43 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

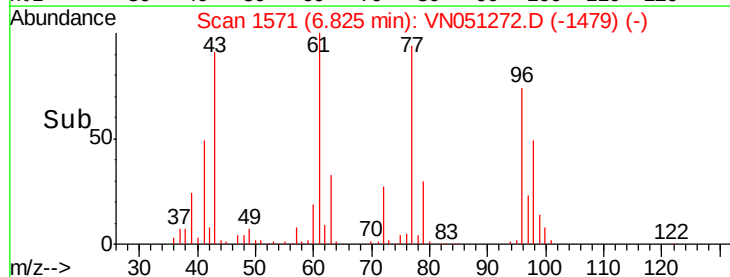
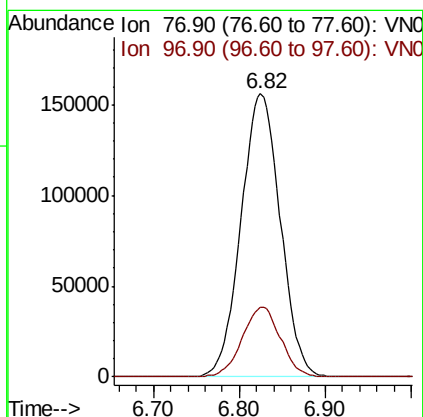
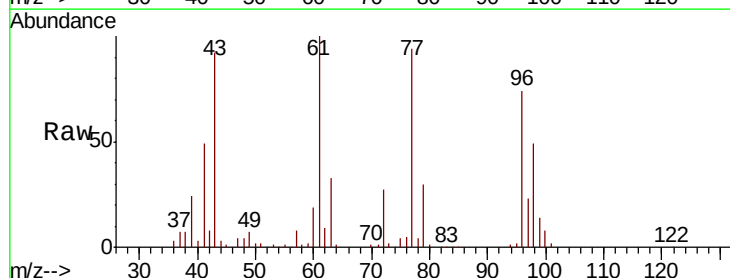
Instrument :
MSVOA_N
ClientSampleId :

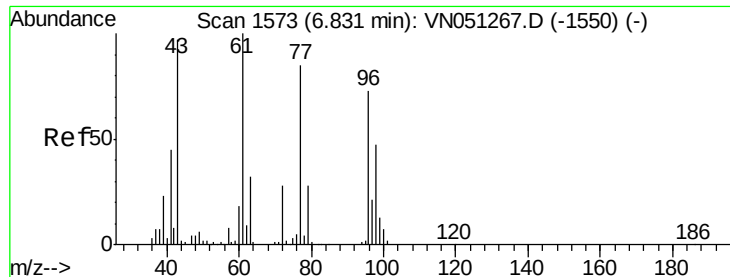
Tot Ion: 43 Resp: 532324
Ion Ratio Lower Upper
43 100
72 29.1 23.4 35.0



#26
2,2-Dichloropropane
Concen: 50.10 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 77 Resp: 495399
Ion Ratio Lower Upper
77 100
97 24.1 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 49.77 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

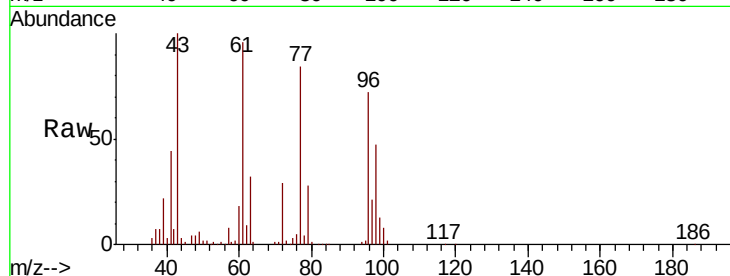
Tot Ion: 96 Resp: 370701

Ion Ratio Lower Upper

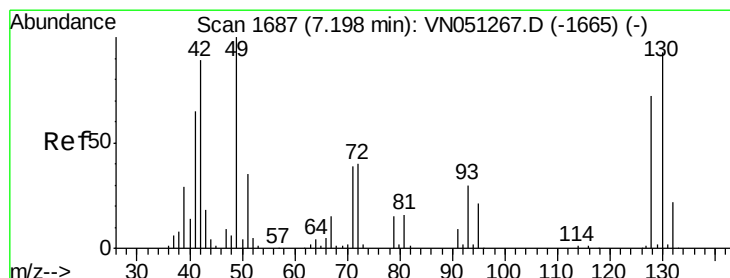
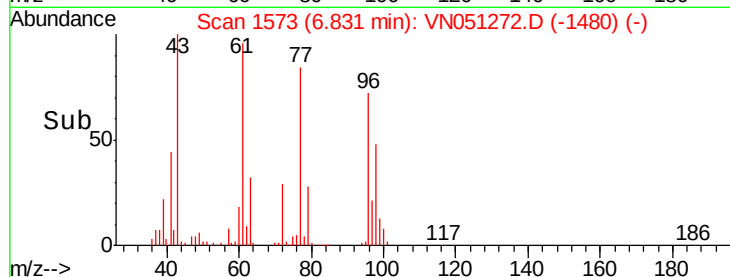
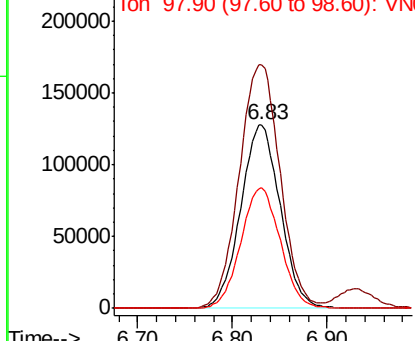
96 100

61 137.5 0.0 276.2

98 65.8 0.0 129.2



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



#28

Bromochloromethane

Concen: 48.10 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

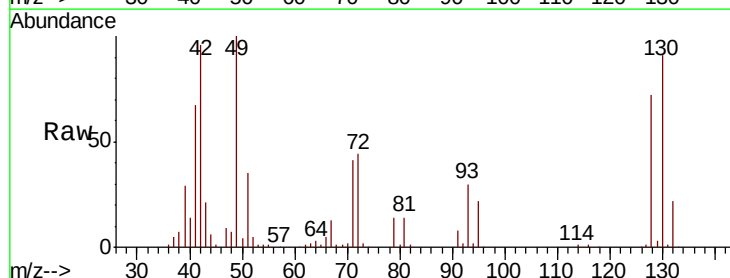
Tgt Ion: 49 Resp: 257529

Ion Ratio Lower Upper

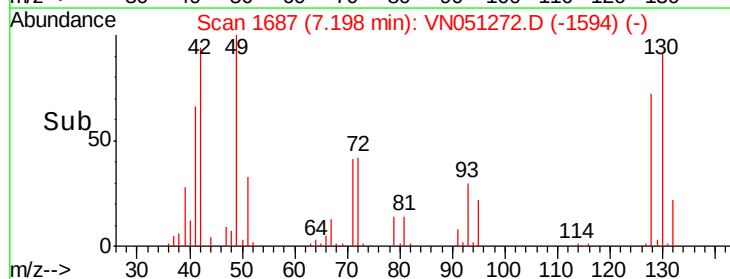
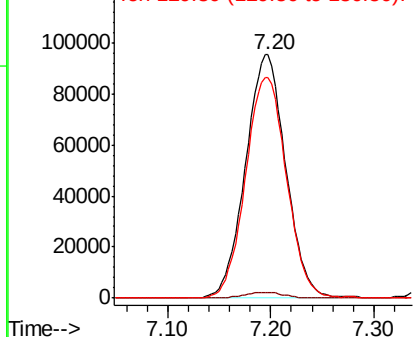
49 100

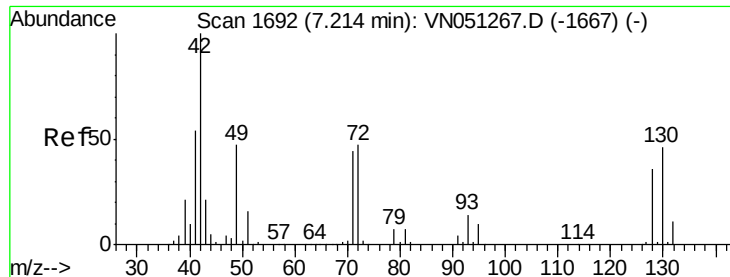
129 2.4 0.0 4.6

130 92.4 73.7 110.5



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

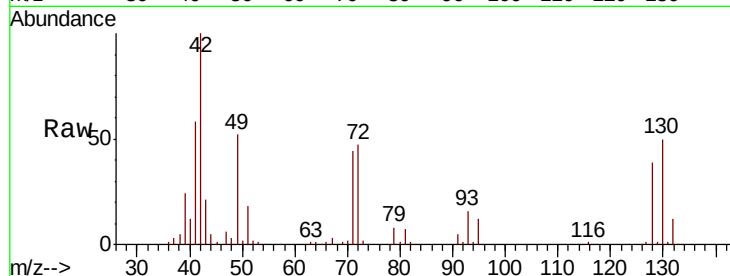




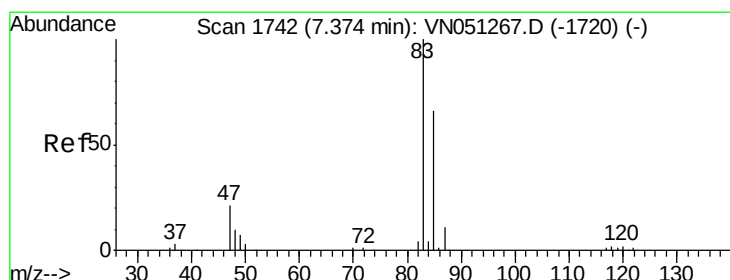
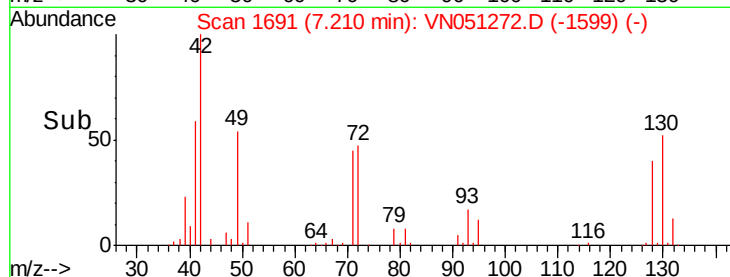
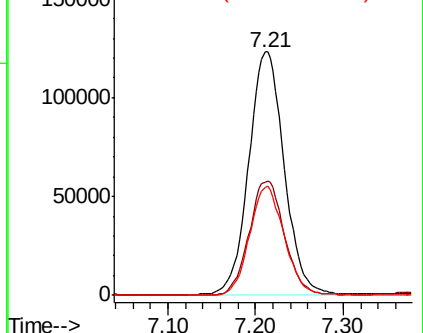
#29
Tetrahydrofuran
Concen: 256.01 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 346132
Ion Ratio Lower Upper
42 100
72 47.1 37.6 56.4
71 43.8 35.4 53.2

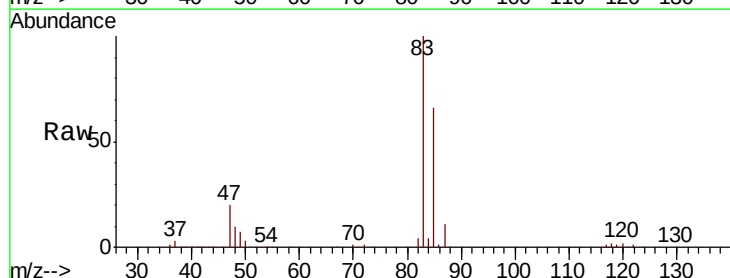


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

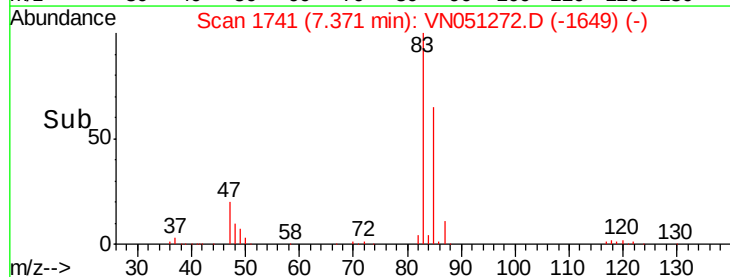
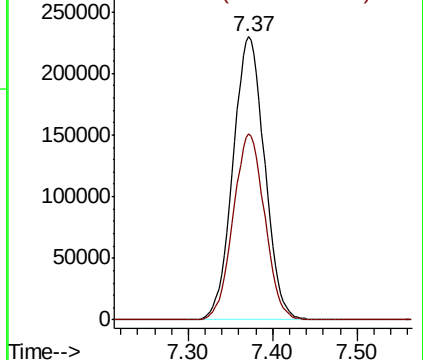


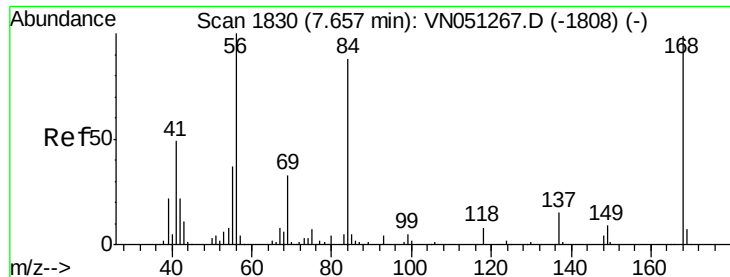
#30
Chloroform
Concen: 48.25 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 83 Resp: 599107
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6



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

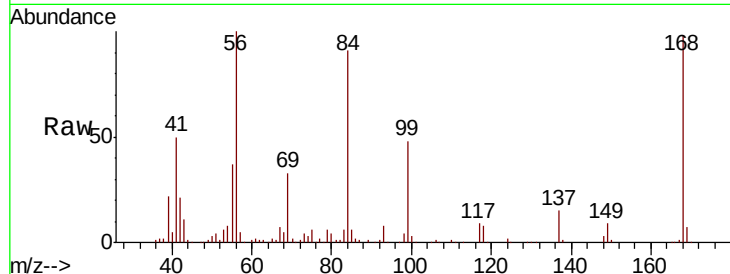




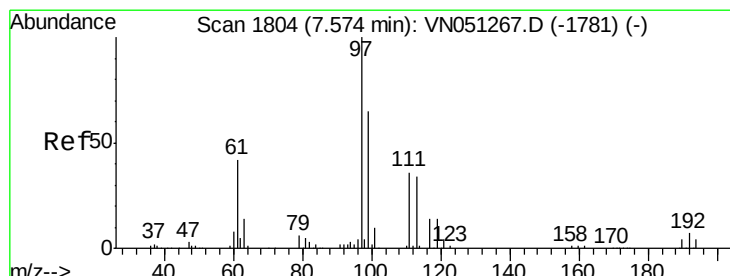
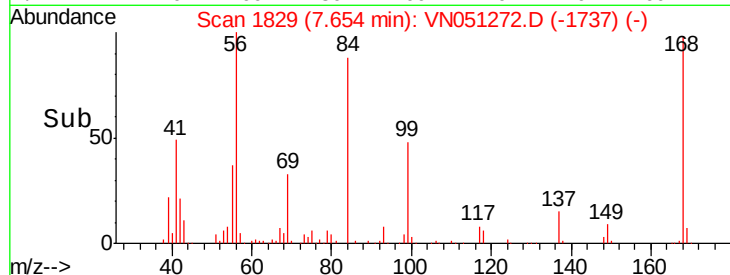
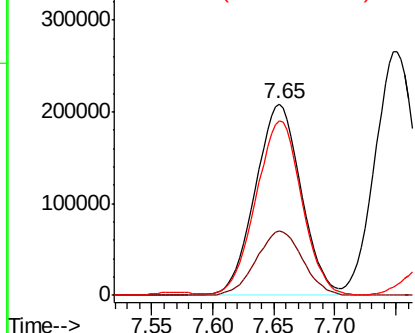
#31
Cyclohexane
Concen: 49.40 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 543831
Ion Ratio Lower Upper
56 100
69 33.5 26.2 39.2
84 89.8 70.6 106.0

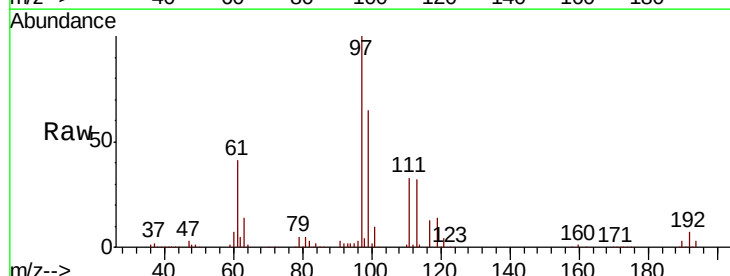


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

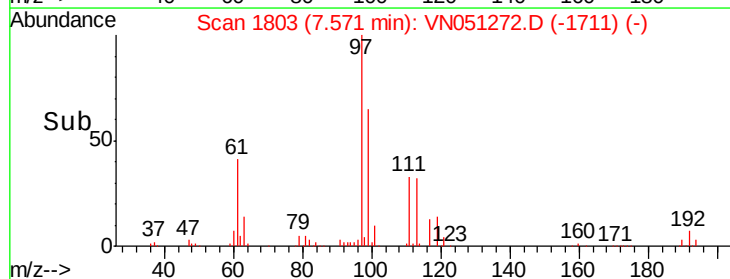
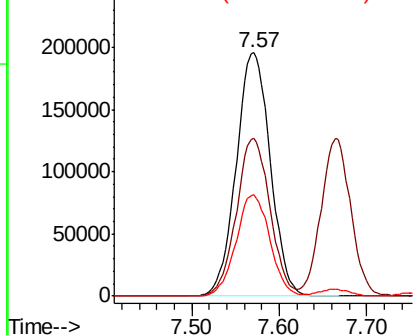


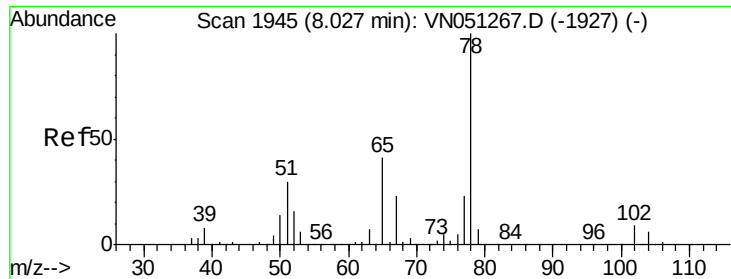
#32
1,1,1-Trichloroethane
Concen: 49.48 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 97 Resp: 527210
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 41.5 33.4 50.2



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

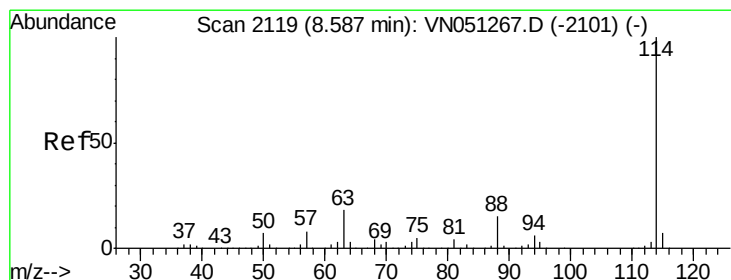
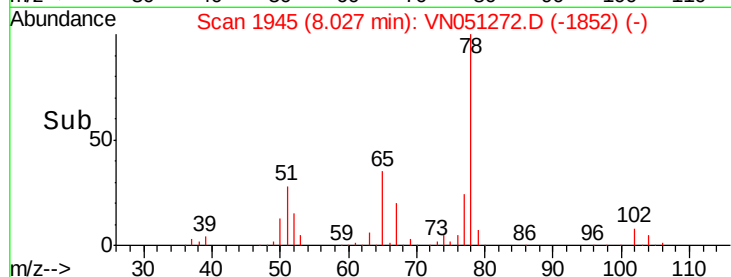
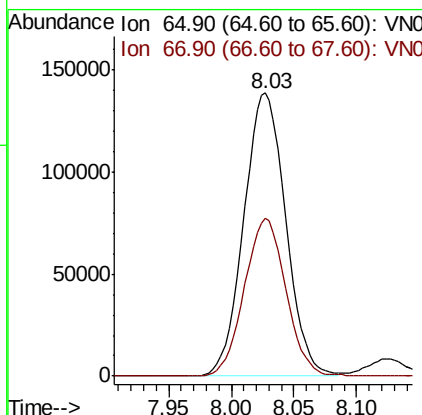
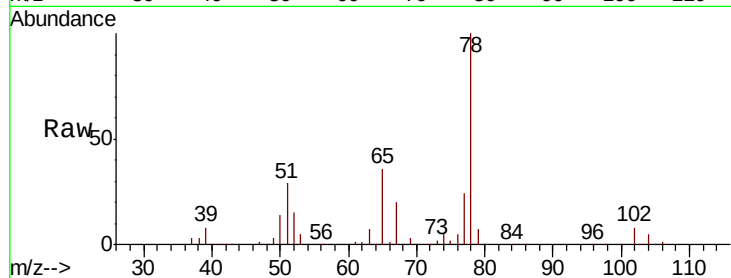




#33
 1,2-Dichloroethane-d4
 Concen: 47.28 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

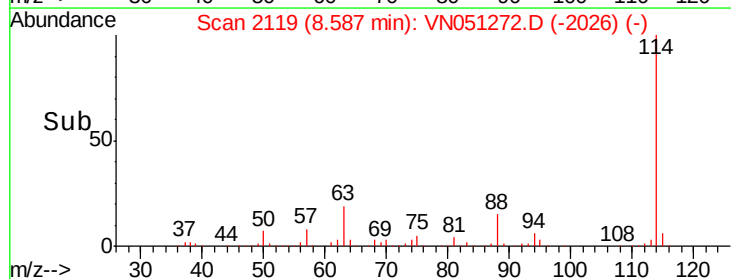
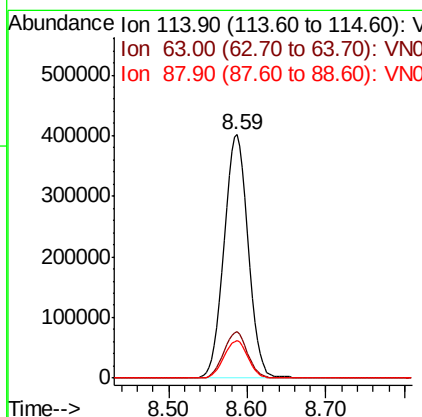
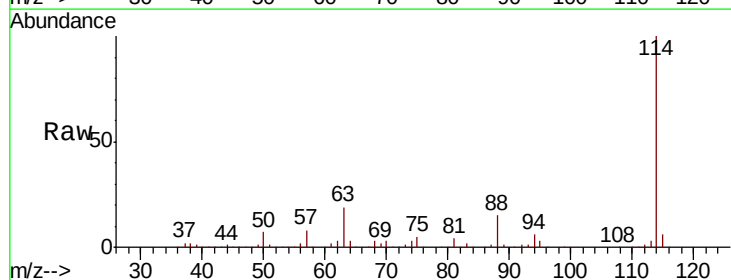
Instrument :
 MSVOA_N
 ClientSampled :

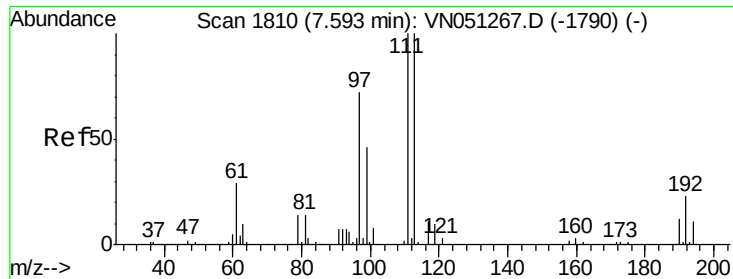
Tot Ion: 65 Resp: 322752
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 114 Resp: 847231
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.8
 88 15.3 0.0 30.8

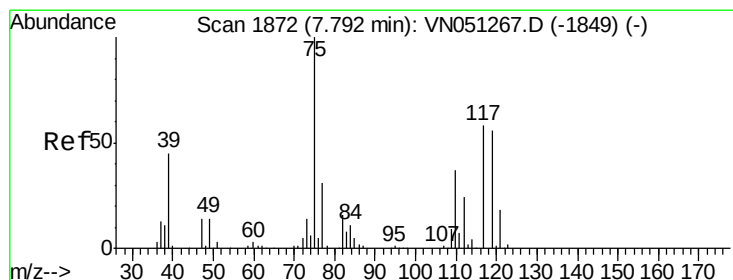
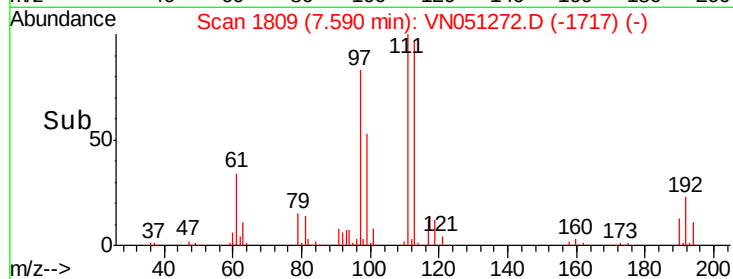
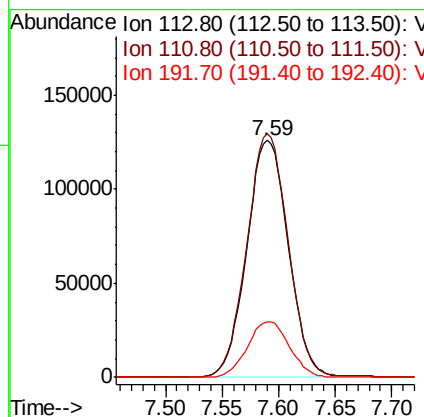
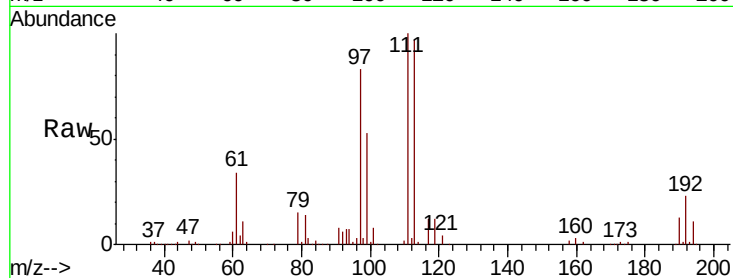




#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

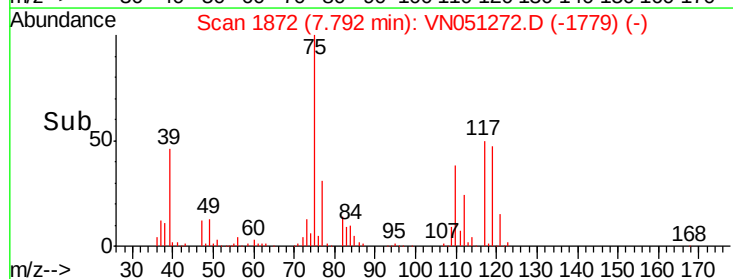
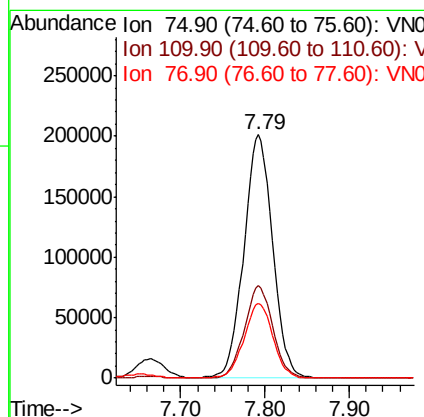
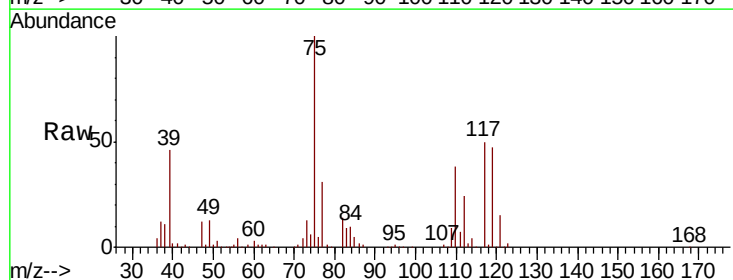
Instrument :
 MSVOA_N
 ClientSampleId :

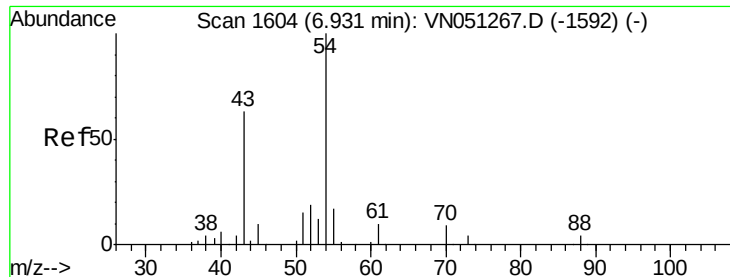
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	23.8	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 51.90 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.6	56.0
77	31.1	24.7	37.1

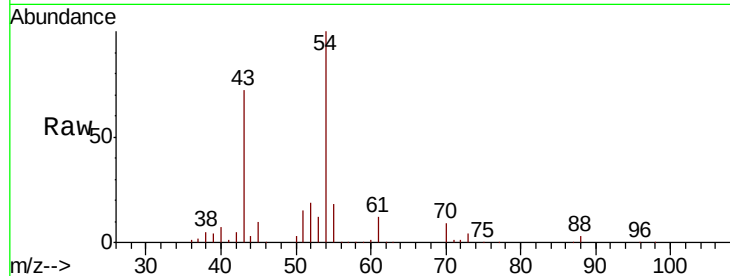




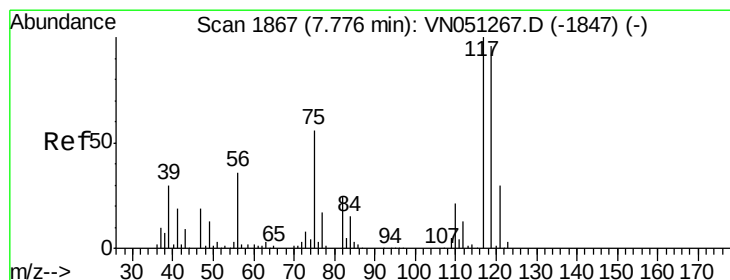
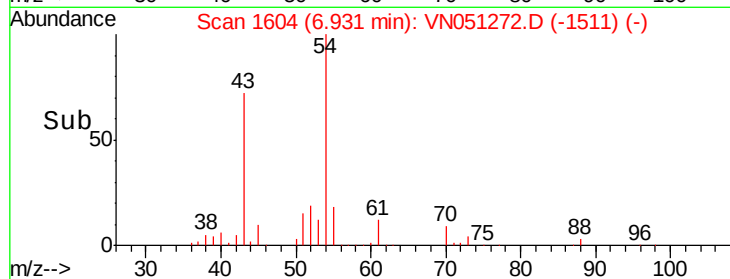
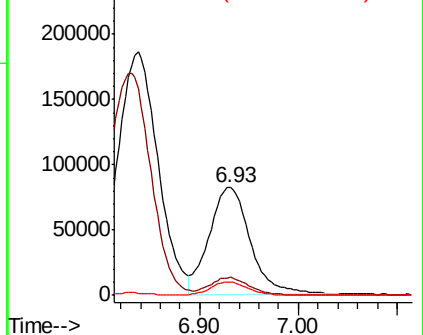
#37
Ethyl Acetate
Concen: 50.47 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	43	61	70	Resp	237939
Ion Ratio	100	15.1	11.2	Lower	Upper
		12.3	9.4		

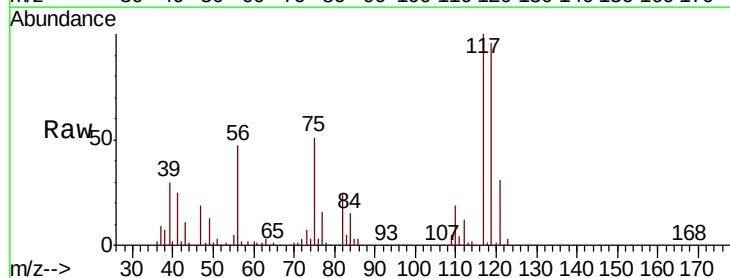


Abundance Ion 43.00 (42.70 to 43.70): VN051272.D (-1592) (-)

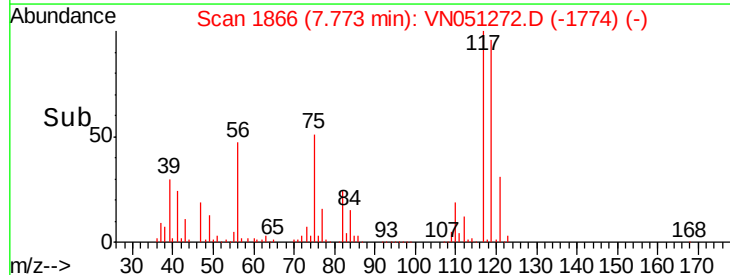
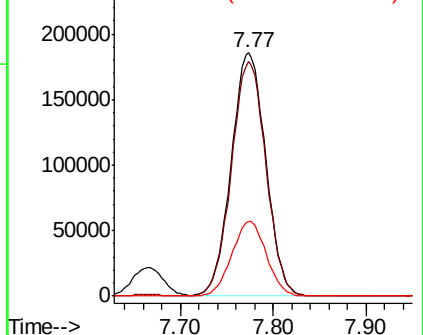


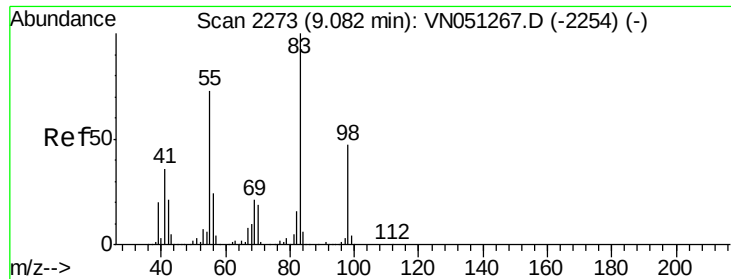
#38
Carbon Tetrachloride
Concen: 50.22 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion	117	119	121	Resp	480217
Ion Ratio	100	96.1	30.9	Lower	Upper
		76.8	24.2		



Abundance Ion 116.80 (116.50 to 117.50): VN051272.D (-1847) (-)

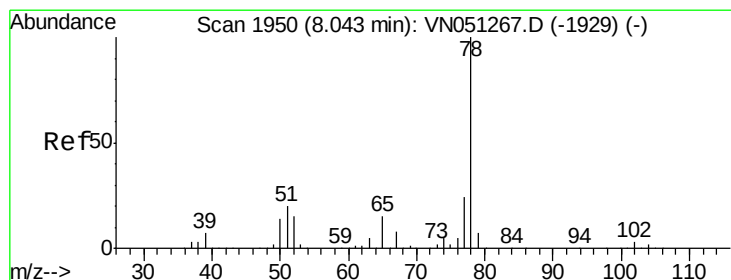
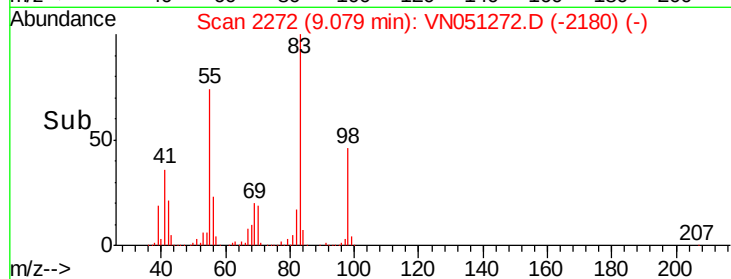
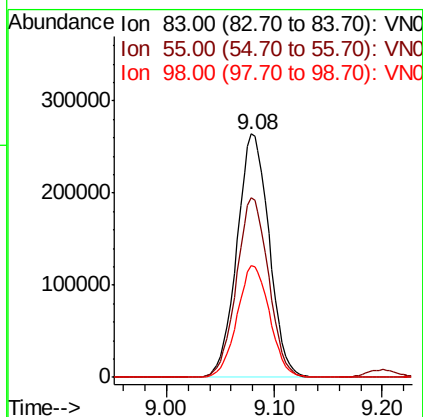
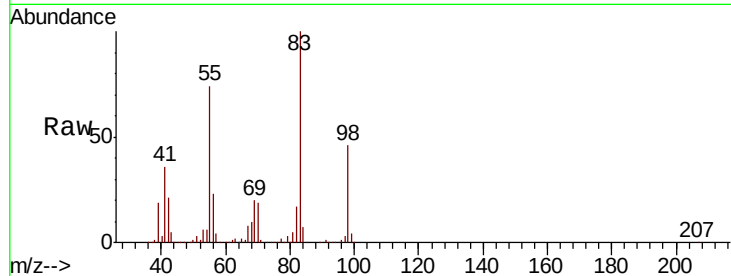




#39
Methylvlcyclohexane
Concen: 55.10 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

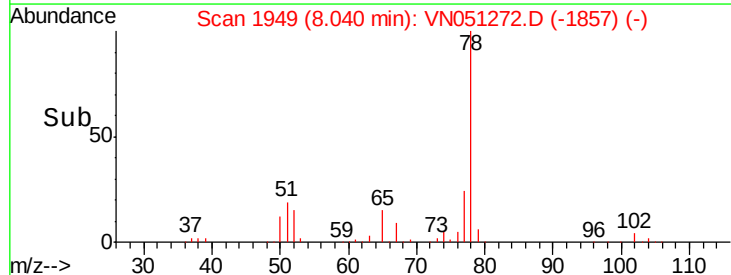
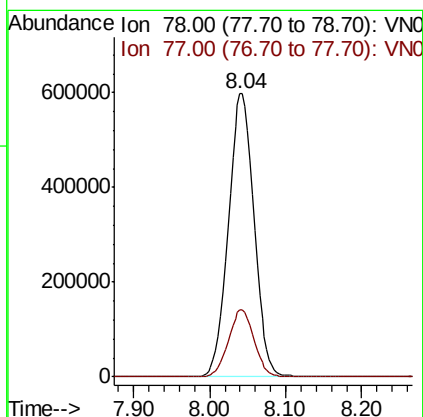
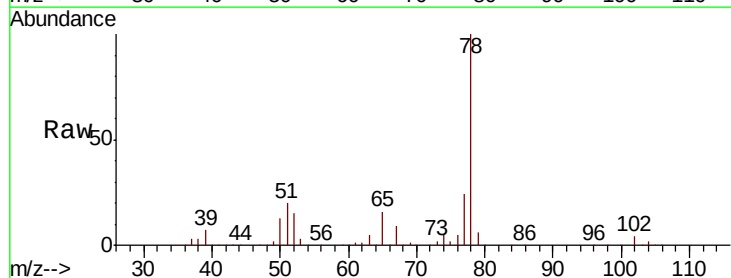
Instrument :
MSVOA_N
ClientSampled :

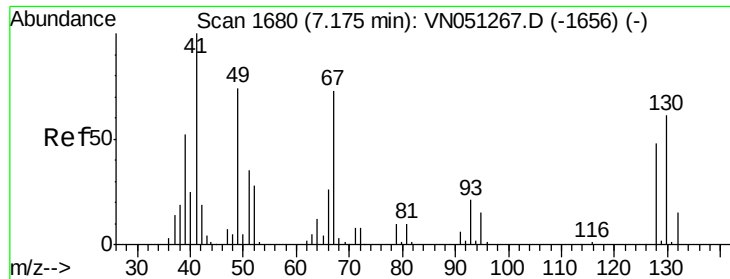
Tot Ion: 83 Resp: 548917
Ion Ratio Lower Upper
83 100
55 73.7 58.7 88.1
98 45.9 37.3 55.9



#40
Benzene
Concen: 51.54 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 78 Resp: 1406277
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 54.56 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 131994

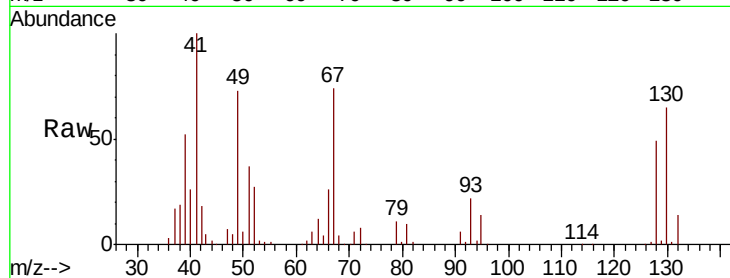
Ion Ratio Lower Upper

41 100

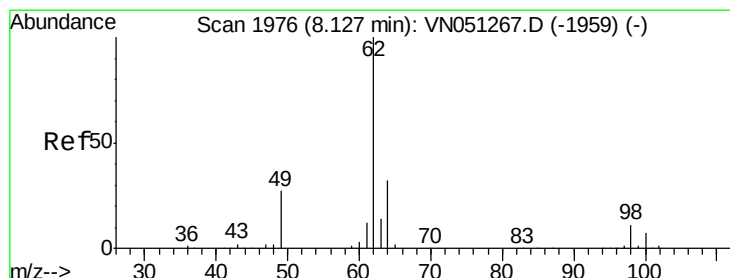
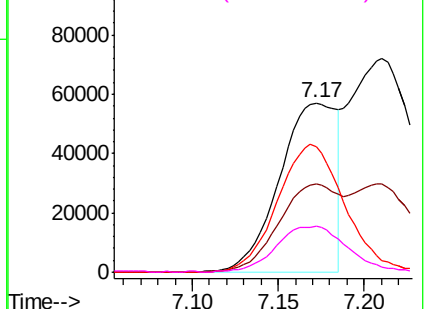
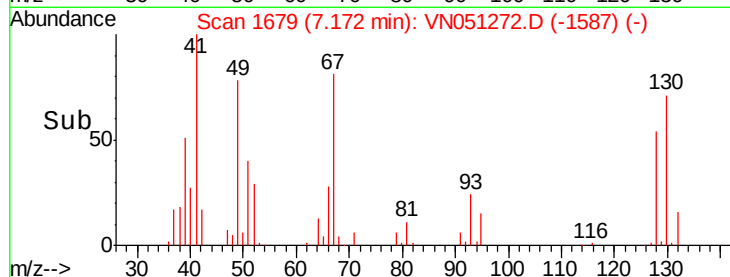
39 55.5 47.8 71.6

67 89.0 69.8 104.6

52 33.4 26.6 40.0



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



#42

1,2-Dichloroethane

Concen: 49.48 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051272.D

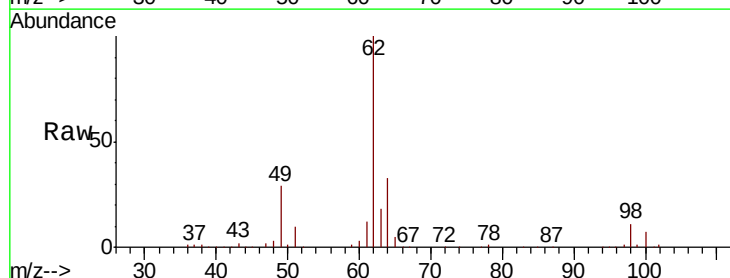
Acq: 17 Sep 2018 13:54

Tgt Ion: 62 Resp: 397035

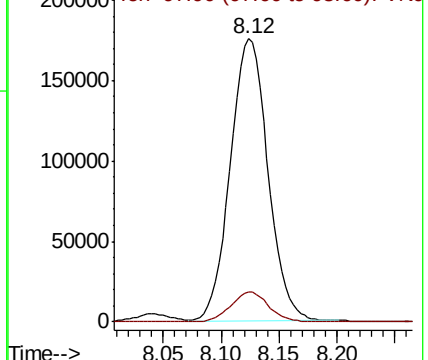
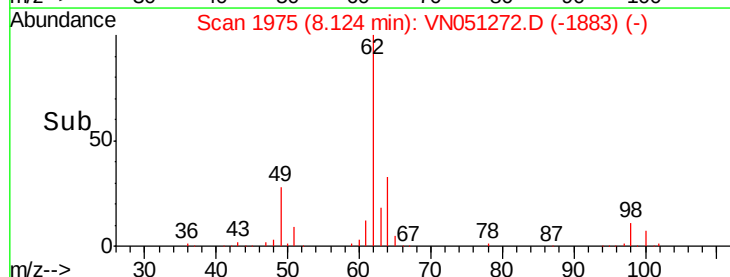
Ion Ratio Lower Upper

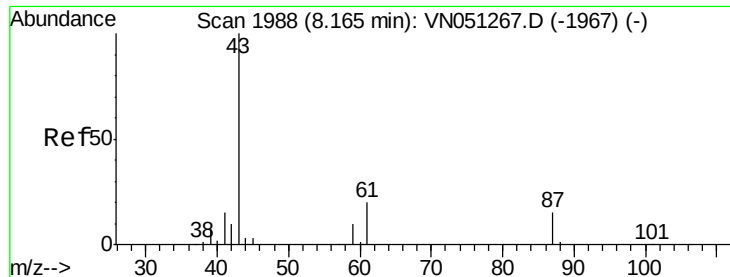
62 100

98 10.6 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 52.54 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampled :

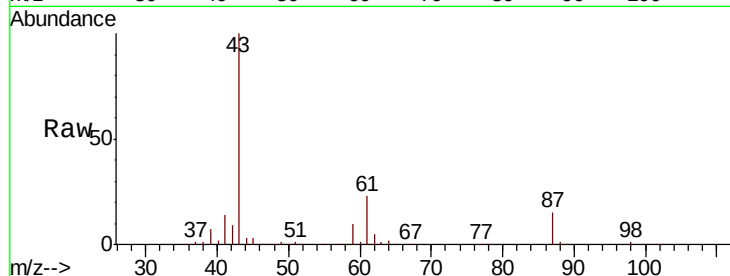
Tot Ion: 43 Resp: 428630

Ion Ratio Lower Upper

43 100

61 22.2 17.4 26.2

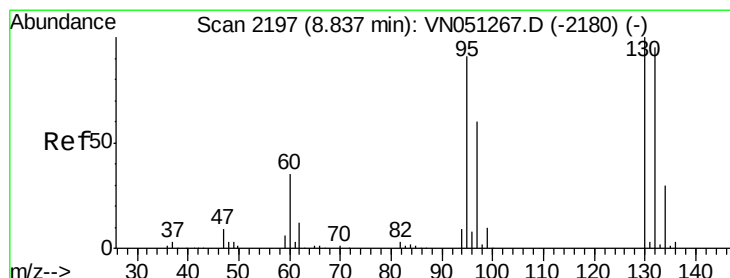
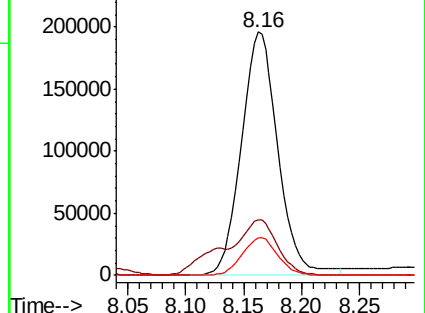
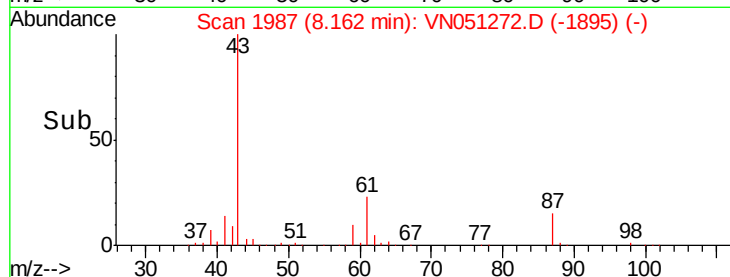
87 15.1 12.2 18.4



Abundance Ion 43.00 (42.70 to 43.70): VN051272.D (-2104) (-)

Ion 61.00 (60.70 to 61.70): VN051272.D (-2104) (-)

Ion 87.00 (86.70 to 87.70): VN051272.D (-2104) (-)



#44

Trichloroethene

Concen: 50.85 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051272.D

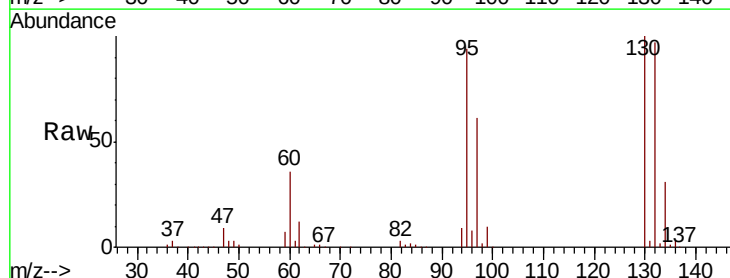
Acq: 17 Sep 2018 13:54

Tgt Ion:130 Resp: 390043

Ion Ratio Lower Upper

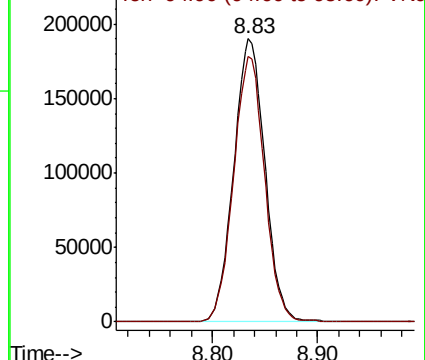
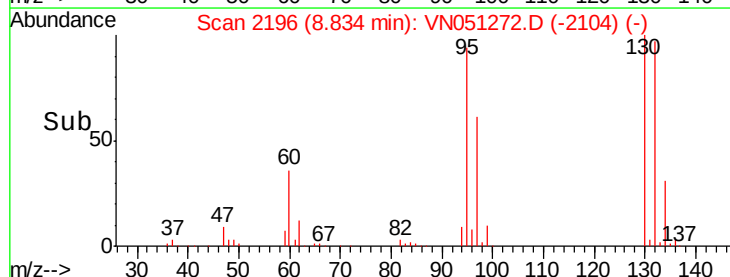
130 100

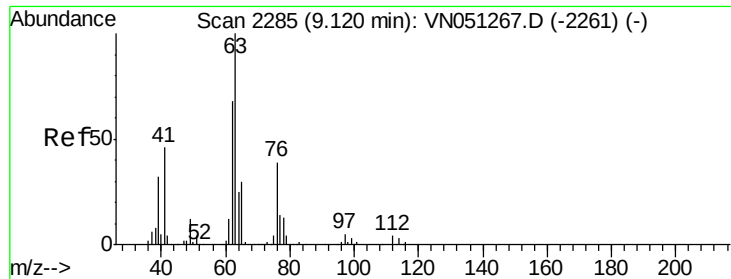
95 93.7 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN051272.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN051272.D (-2104) (-)

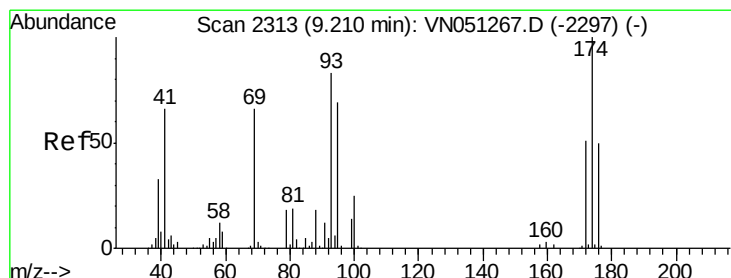
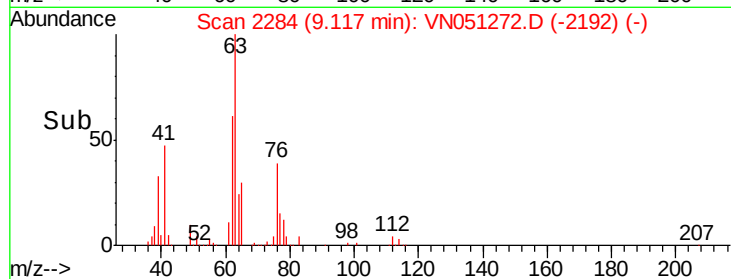
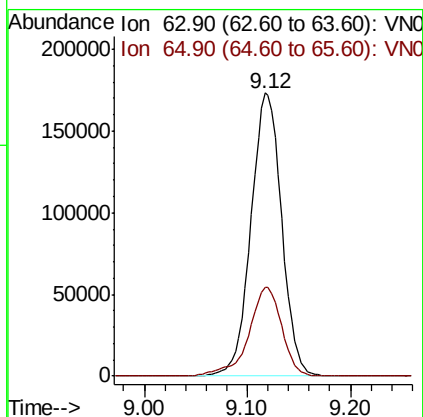
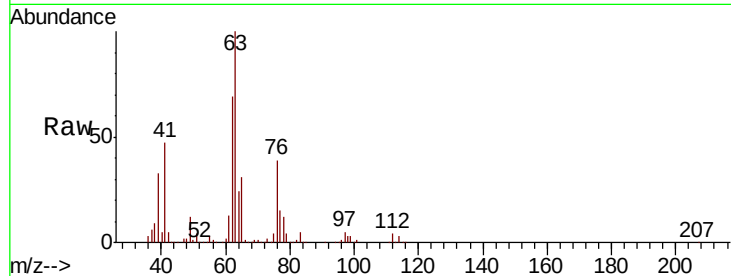




#45
 1,2-Dichloropropane
 Concen: 51.60 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

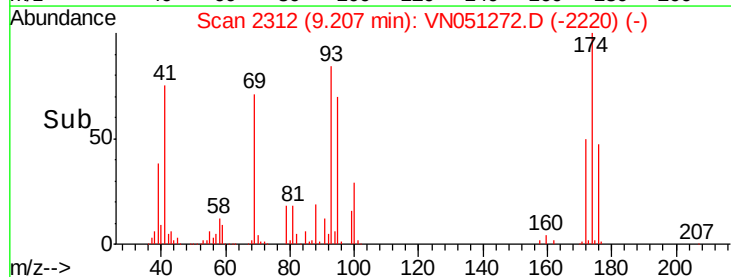
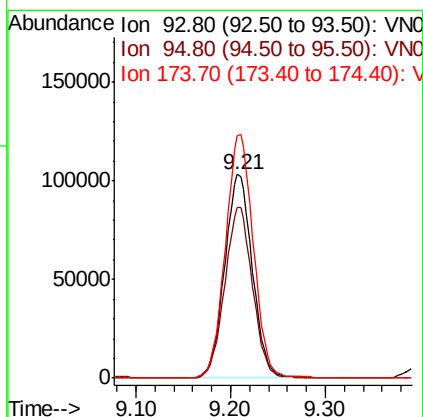
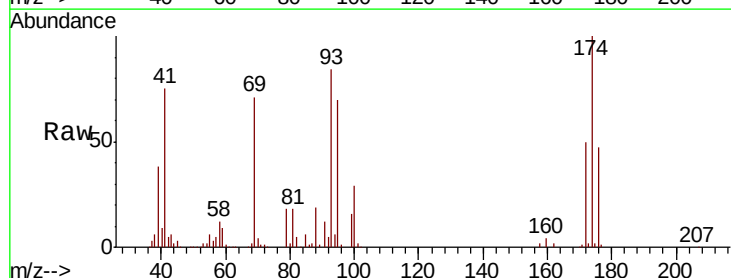
Instrument :
 MSVOA_N
 ClientSampled :

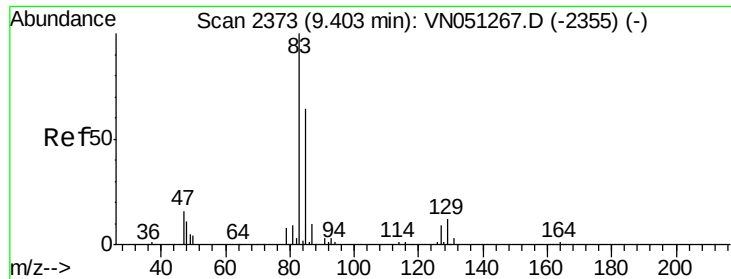
Tot Ion: 63 Resp: 356971
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 49.91 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 93 Resp: 210322
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 120.3 95.6 143.4





#47

Bromodichloromethane

Concen: 51.31 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

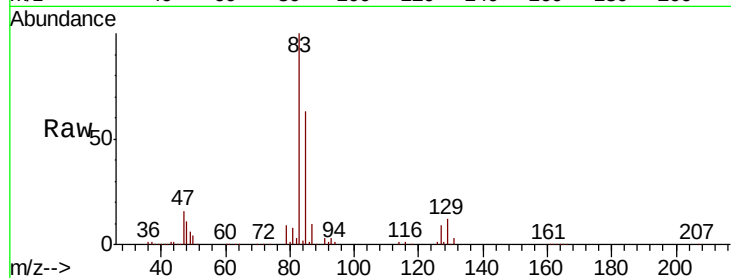
Tot Ion: 83 Resp: 460846

Ion Ratio Lower Upper

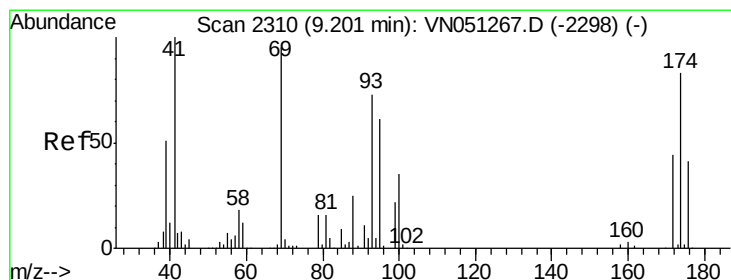
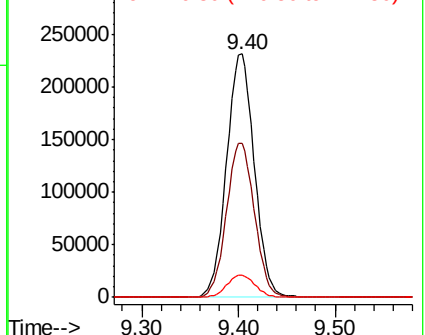
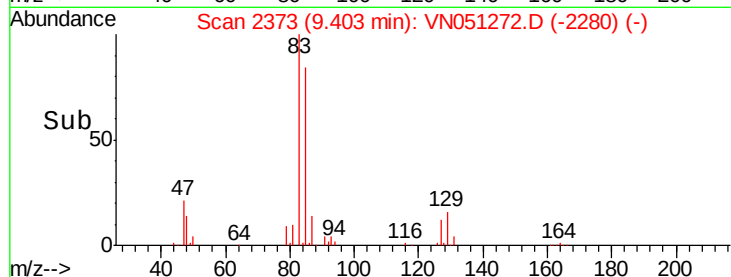
83 100

85 63.4 51.0 76.4

127 9.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN051272.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.96 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

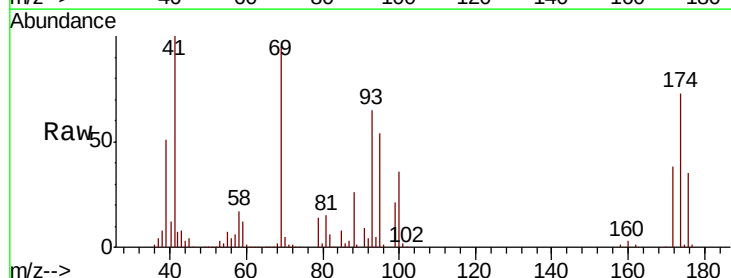
Tgt Ion: 41 Resp: 212008

Ion Ratio Lower Upper

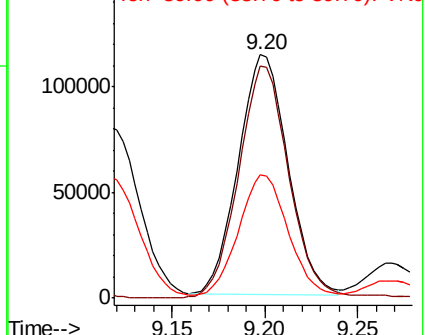
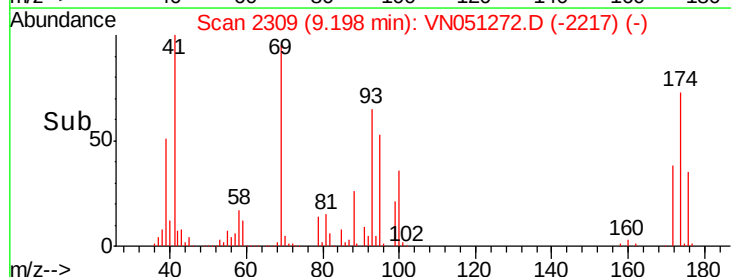
41 100

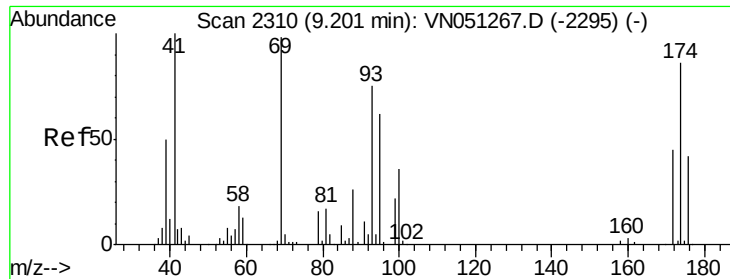
69 98.9 78.9 118.3

39 51.9 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VN051272.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1065.47 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :
MSVOA_N
ClientSampleId :

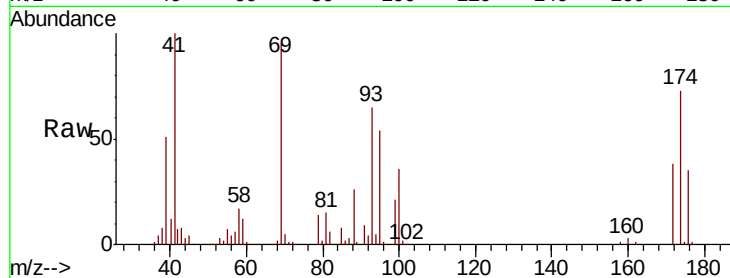
Tot Ion: 88 Resp: 60564

Ion Ratio Lower Upper

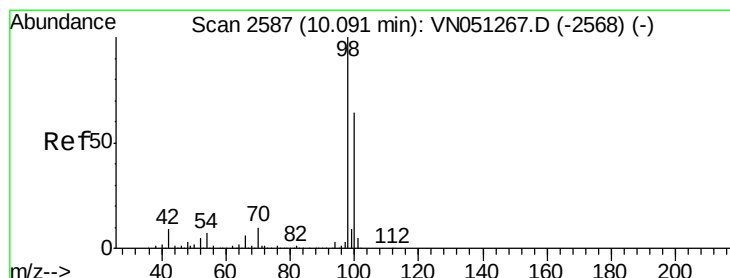
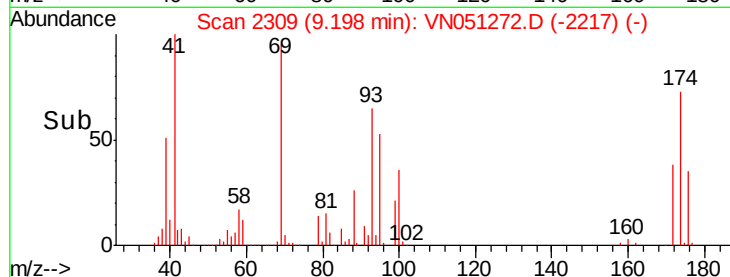
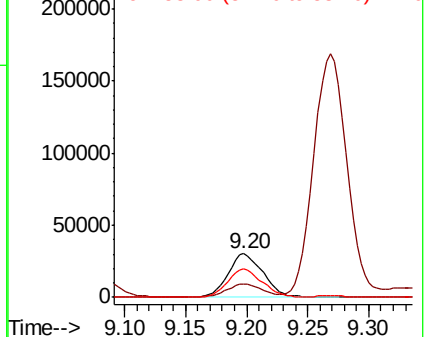
88 100

43 29.5 25.3 37.9

58 64.8 54.9 82.3



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



#50

Toluene-d8

Concen: 50.67 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051272.D

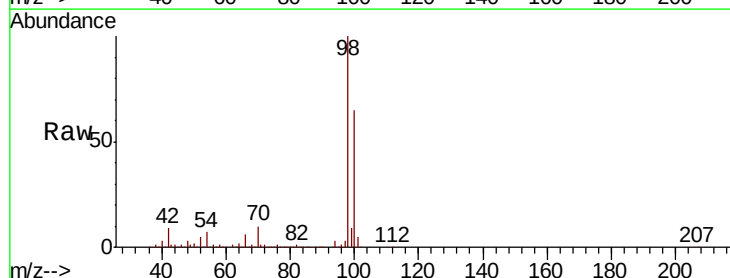
Acq: 17 Sep 2018 13:54

Tgt Ion: 98 Resp: 1233113

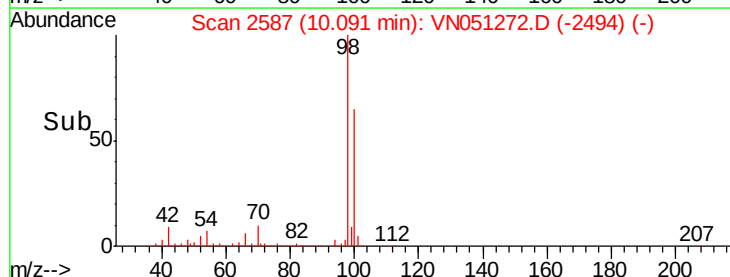
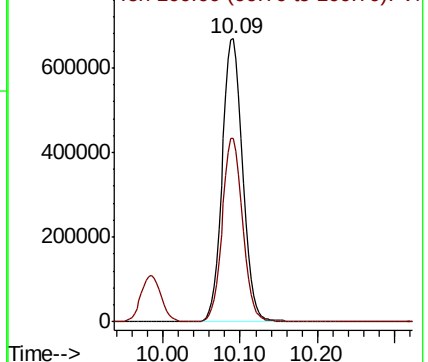
Ion Ratio Lower Upper

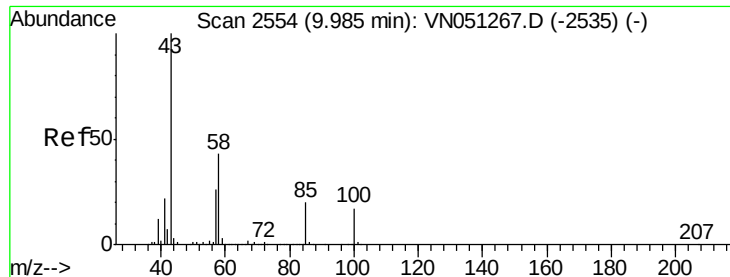
98 100

100 64.8 51.6 77.4



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

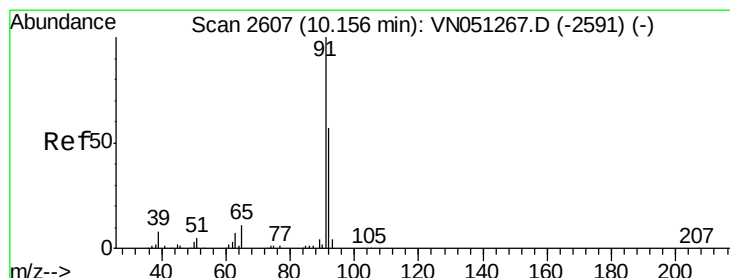
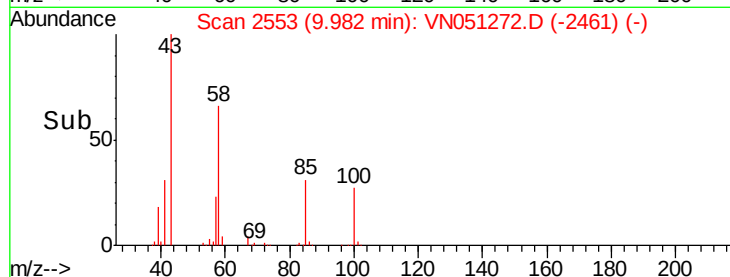
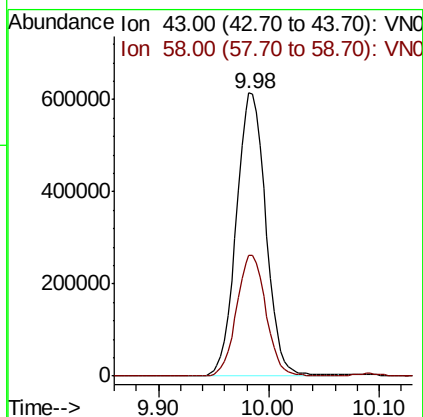
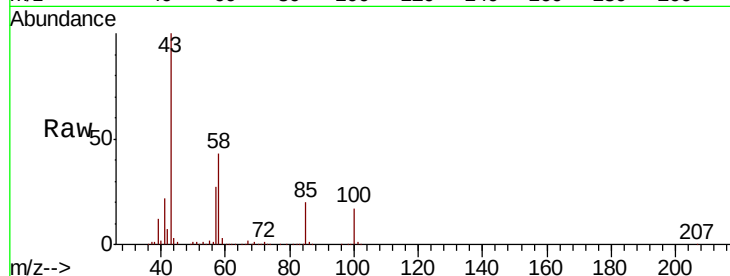




#51
 4-Methyl-2-Pentanone
 Concen: 270.56 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

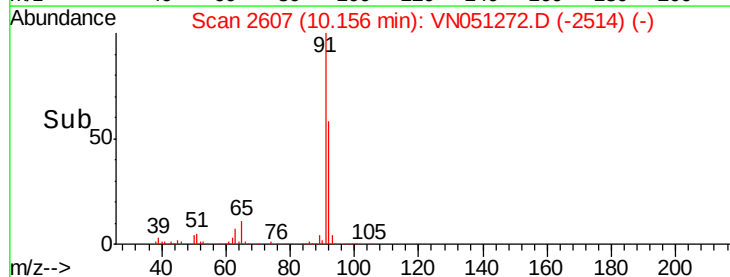
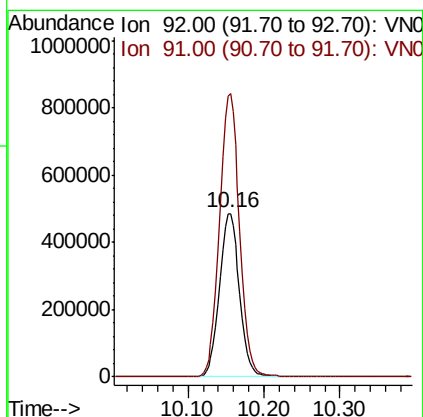
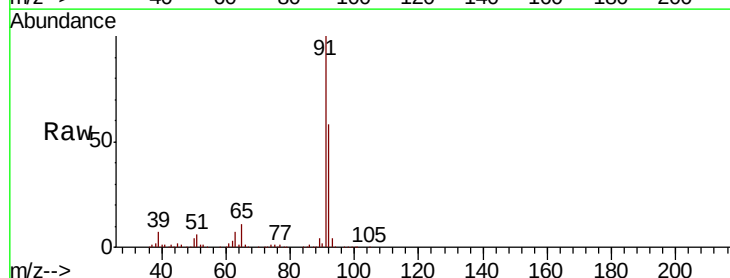
Instrument :
 MSVOA_N
 ClientSampleId :

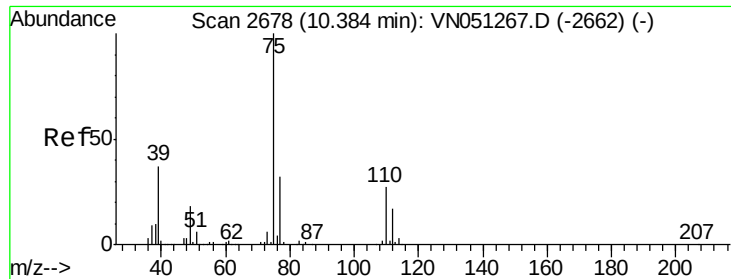
Tot Ion: 43 Resp: 1138910
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.8 50.6



#52
 Toluene
 Concen: 54.18 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 92 Resp: 884960
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.2 208.8

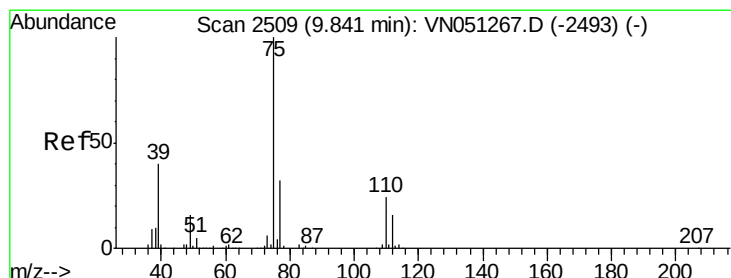
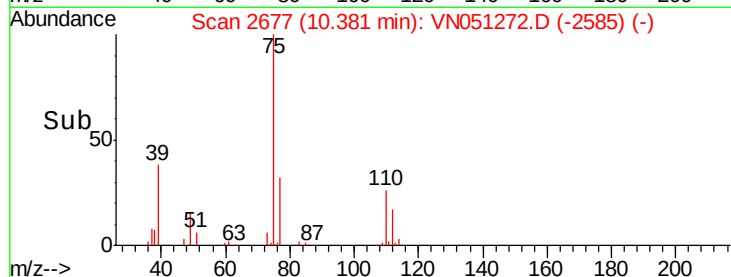
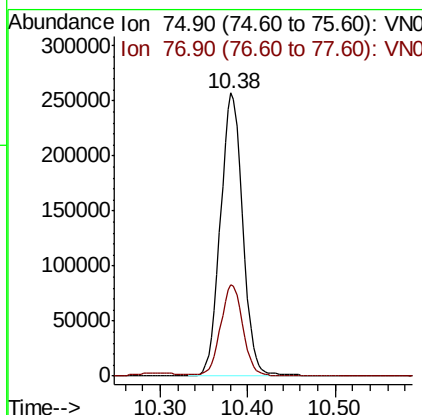
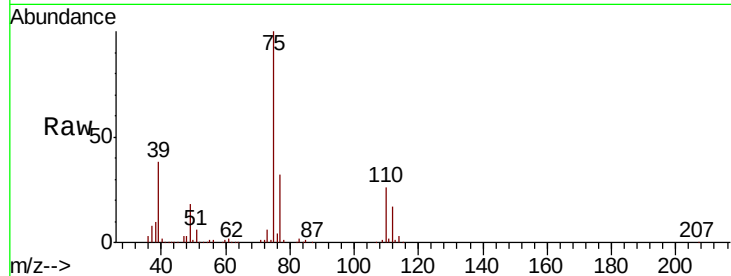




#53
t-1,3-Dichloropropene
Concen: 54.08 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

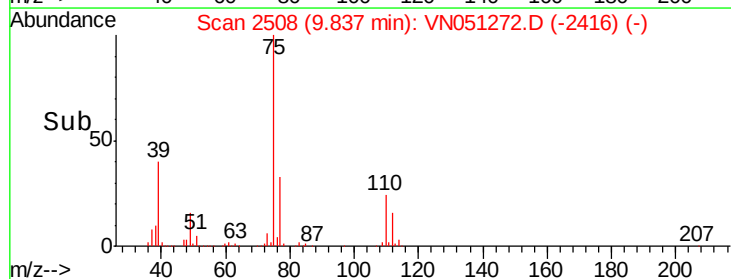
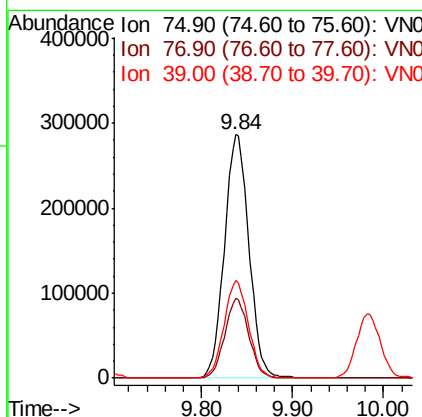
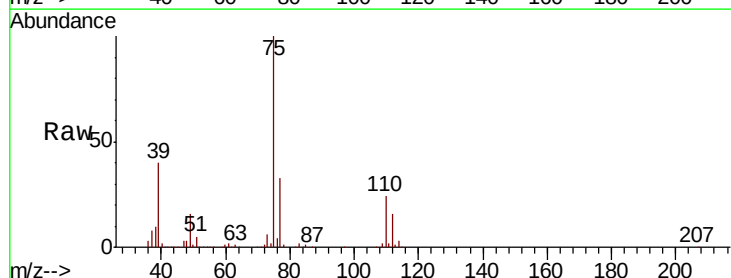
Instrument :
MSVOA_N
ClientSampleId :

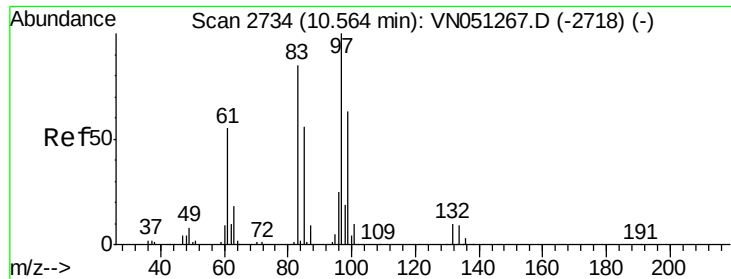
Tot Ion: 75 Resp: 456444
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 53.22 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 75 Resp: 536476
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
39 40.0 31.8 47.8





#55

1,1,2-Trichloroethane

Concen: 51.17 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 298885

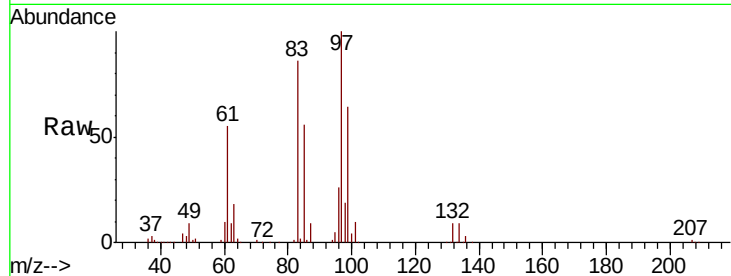
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.7	101.5
85	56.1	44.5	66.7
99	63.9	50.4	75.6

97 100

83 86.4 67.7 101.5

85 56.1 44.5 66.7

99 63.9 50.4 75.6



Abundance

Ion 96.90 (96.60 to 97.60): VN0

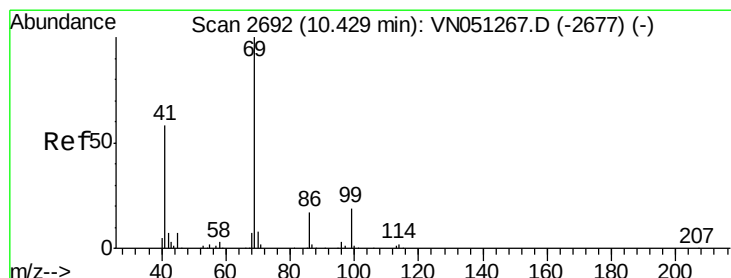
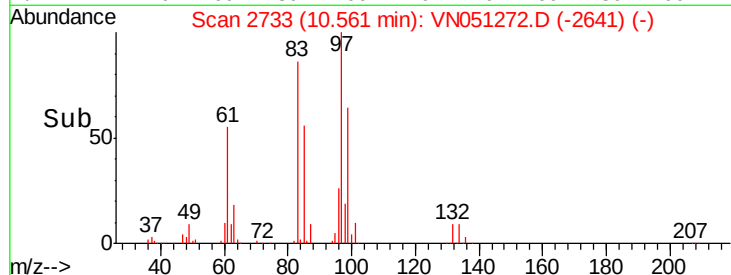
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.56

Time-->



#56

Ethyl methacrylate

Concen: 48.95 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

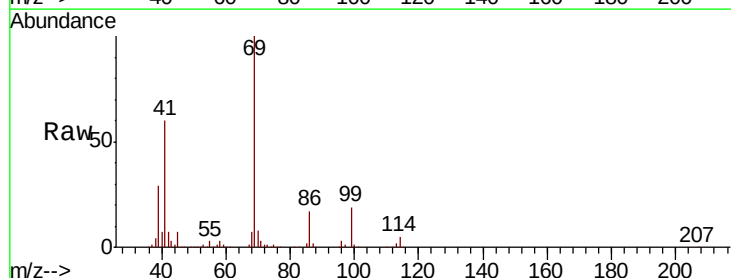
Tgt Ion: 69 Resp: 363449

Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.4	71.0
39	28.4	23.7	35.5

69 100

41 59.6 47.4 71.0

39 28.4 23.7 35.5



Abundance

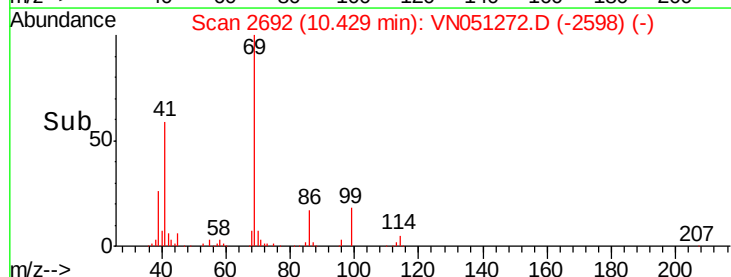
Ion 69.00 (68.70 to 69.70): VN0

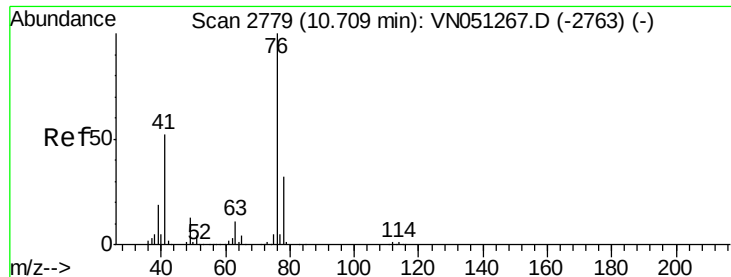
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.43

Time-->

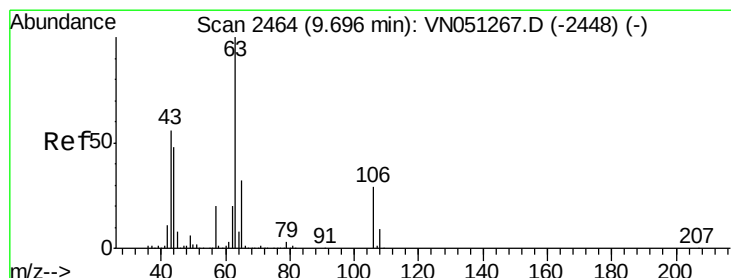
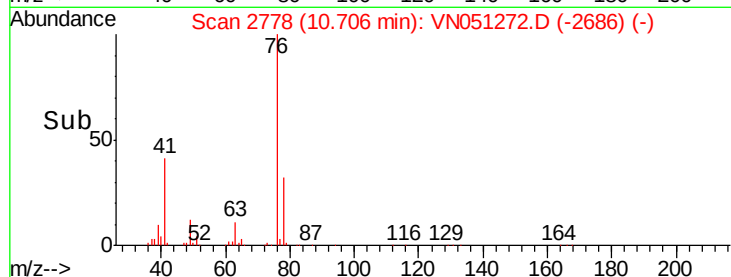
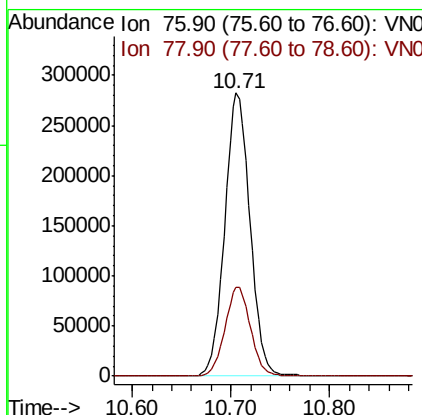
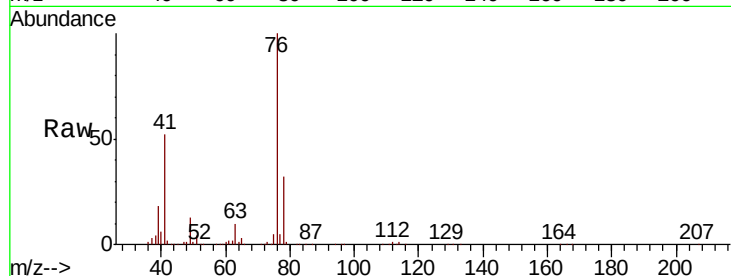




#57
 1,3-Dichloropropane
 Concen: 53.32 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

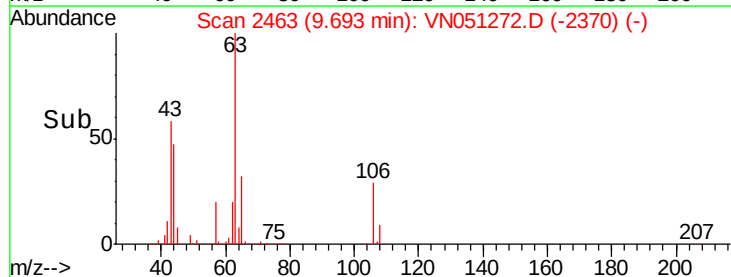
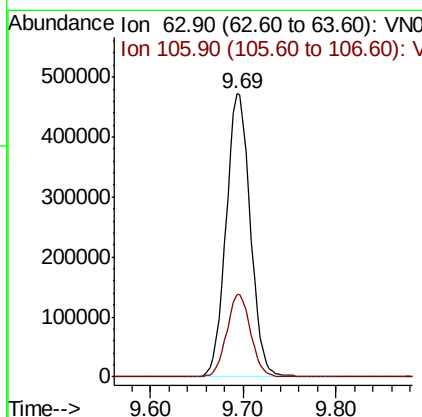
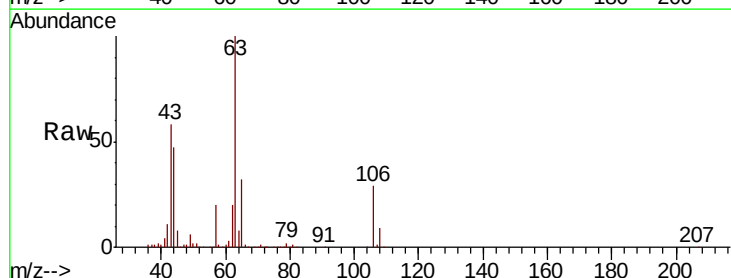
Instrument :
 MSVOA_N
 ClientSampleId :

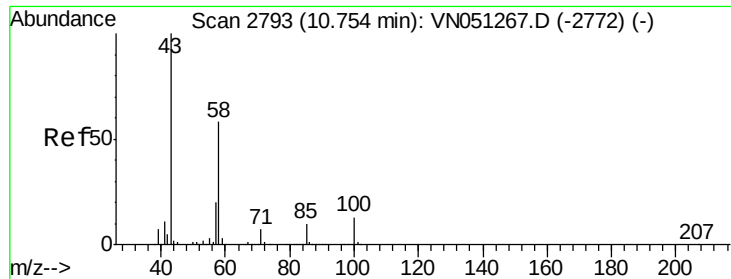
Tot Ion: 76 Resp: 507328
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.29 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 63 Resp: 857188
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.4 35.2

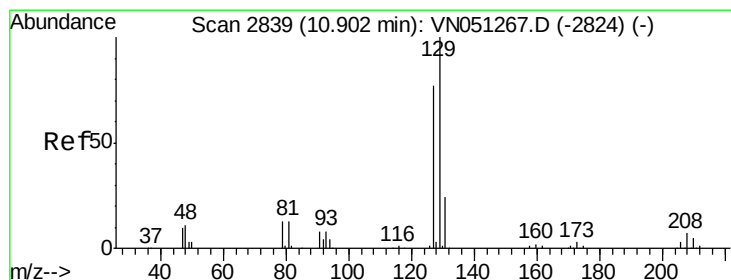
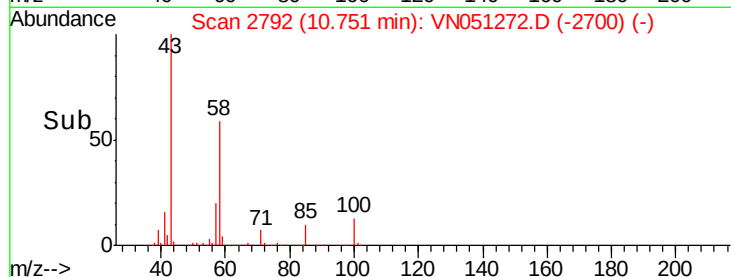
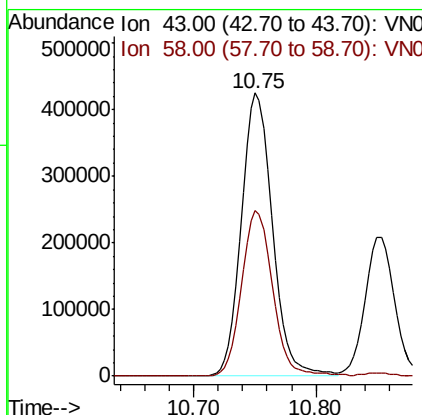
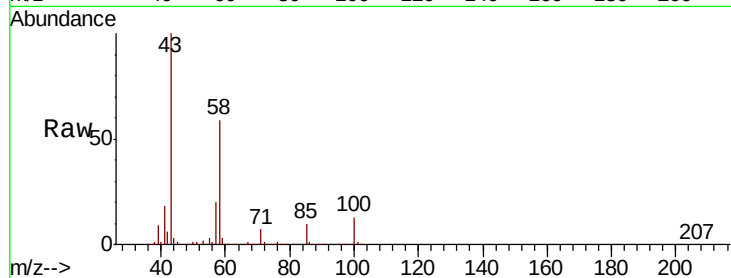




#59
2-Hexanone
Concen: 268.84 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

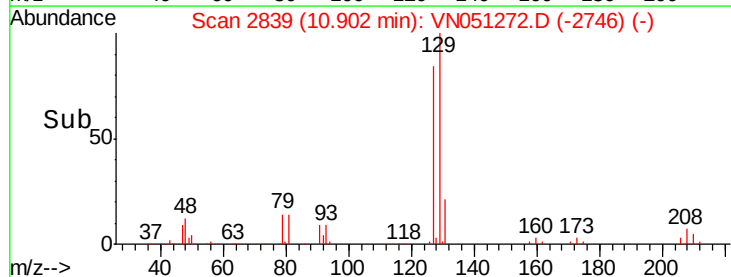
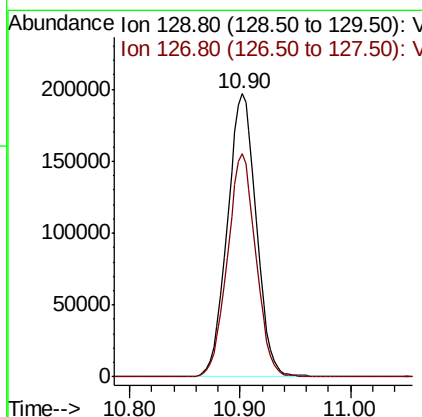
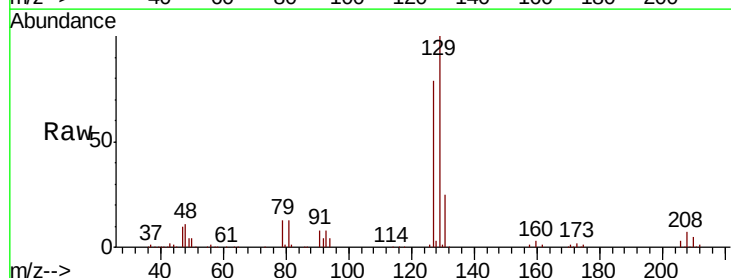
Instrument :
MSVOA_N
ClientSampleId :

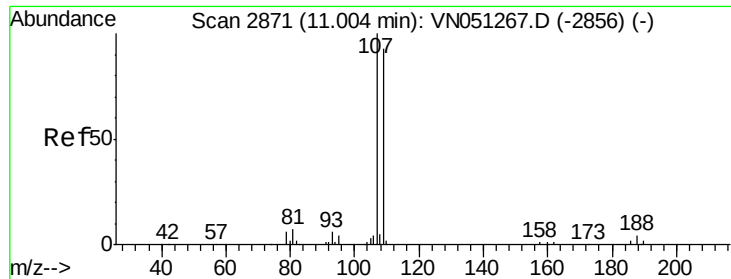
Tot Ion: 43 Resp: 745094
Ion Ratio Lower Upper
43 100
58 58.6 28.9 86.8



#60
Dibromochloromethane
Concen: 51.94 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 129 Resp: 357040
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

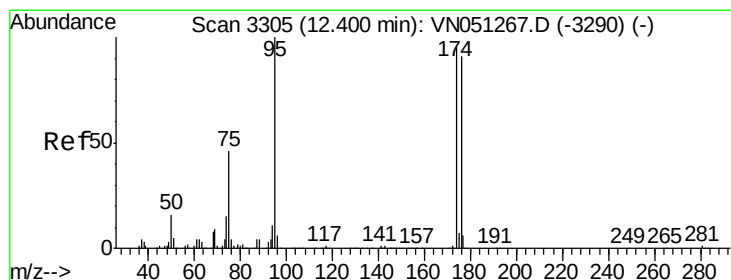
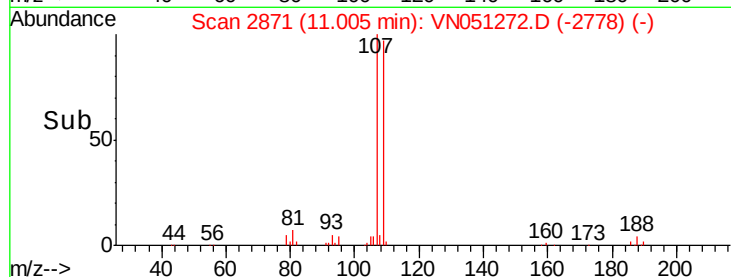
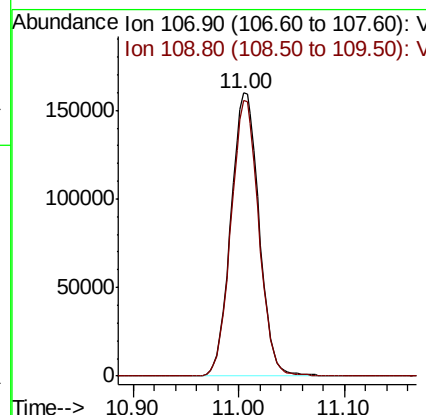
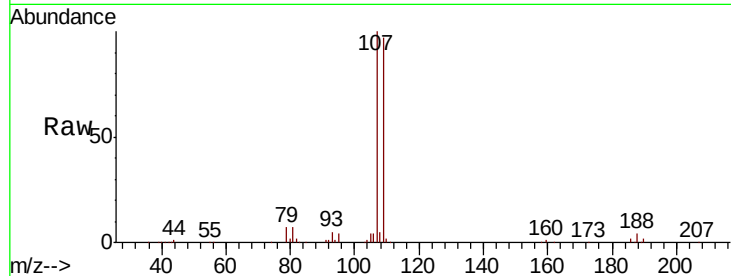




#61
 1,2-Dibromoethane
 Concen: 52.54 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

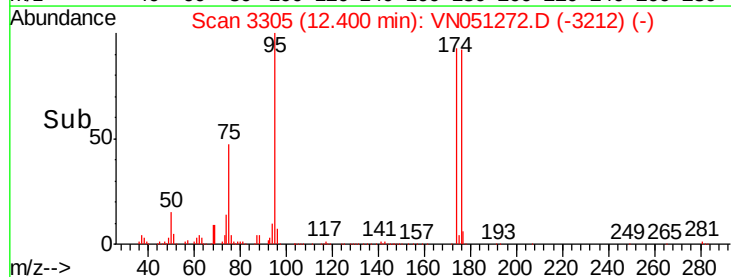
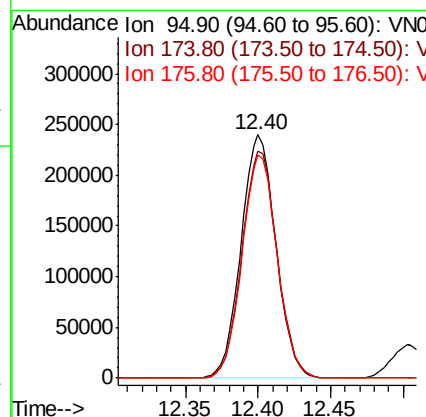
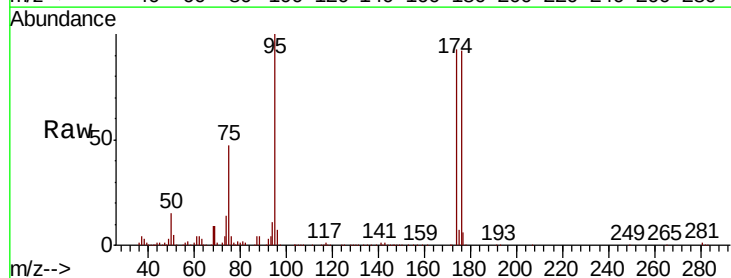
Instrument :
 MSVOA_N
 ClientSampleId :

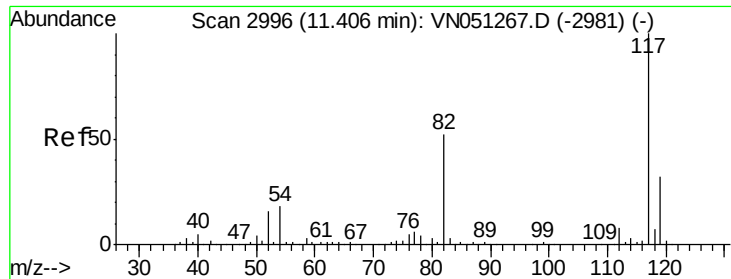
Tot Ion: 107 Resp: 294968
 Ion Ratio Lower Upper
 107 100
 109 96.0 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 51.57 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion: 95 Resp: 399201
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 189.6
 176 92.4 0.0 182.6

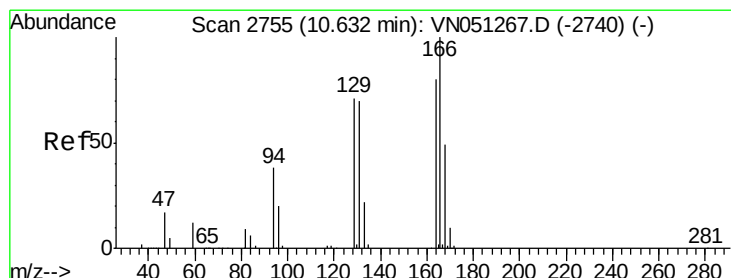
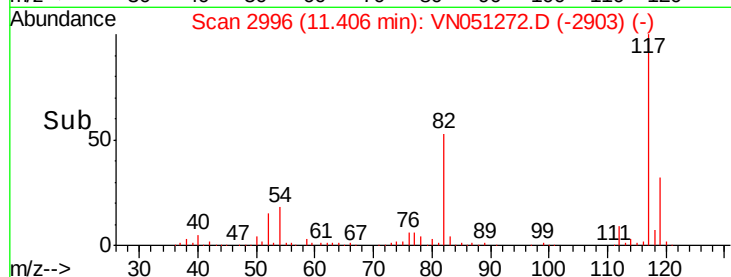
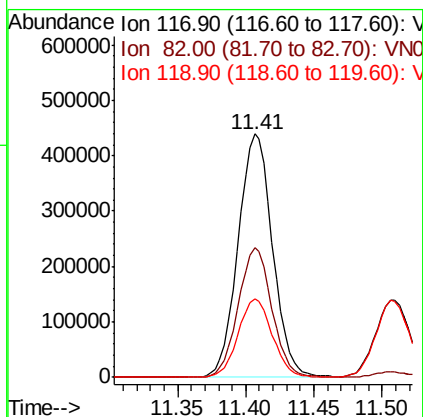
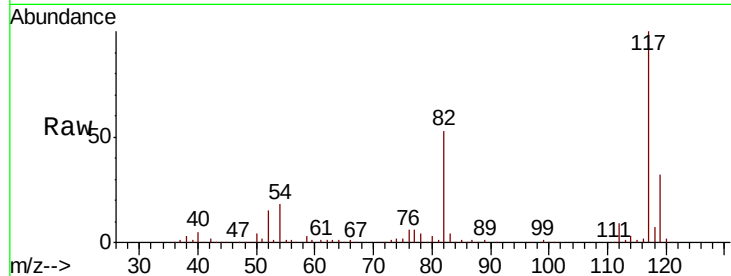




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

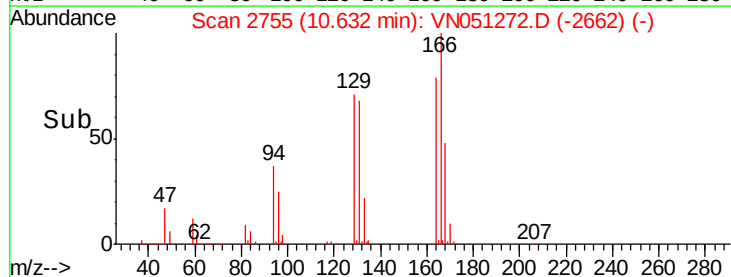
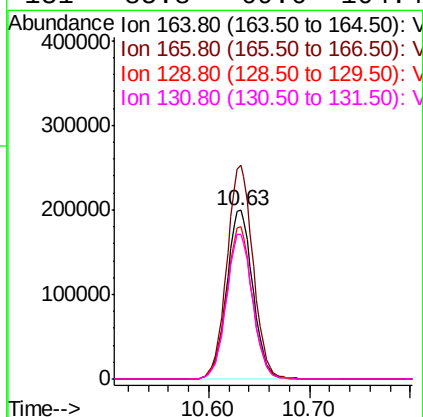
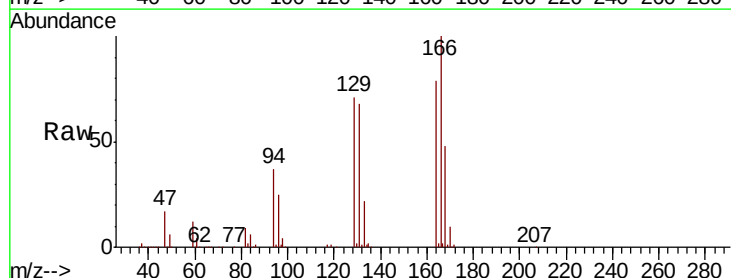
Instrument :
MSVOA_N
ClientSampled :

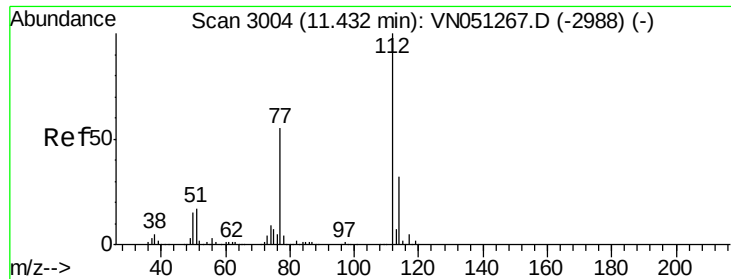
Tot Ion:117 Resp: 770025
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 49.39 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion:164 Resp: 361077
Ion Ratio Lower Upper
164 100
166 126.5 100.0 150.0
129 90.0 70.8 106.2
131 85.8 69.6 104.4

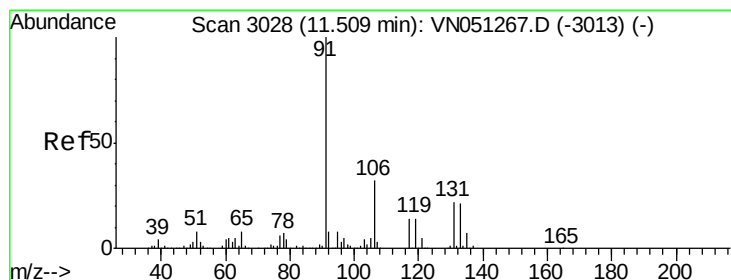
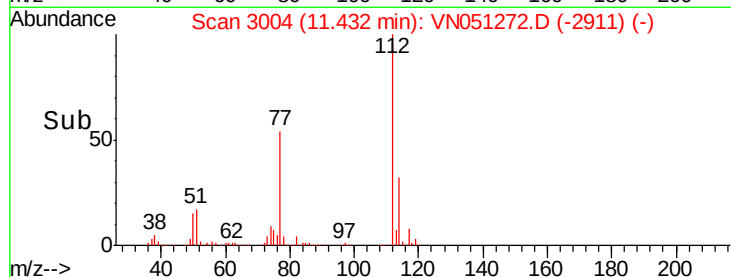
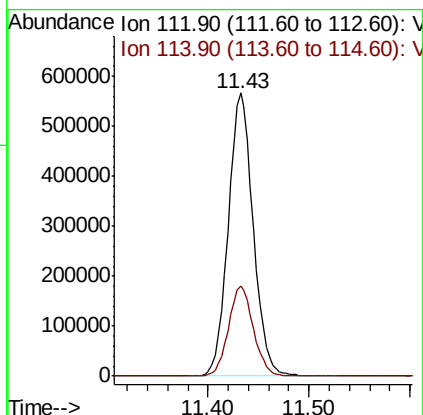
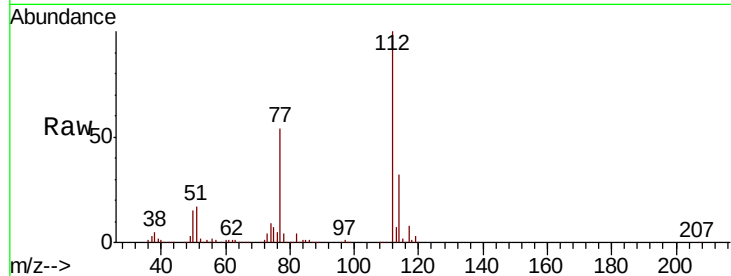




#65
Chlorobenzene
Concen: 51.21 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

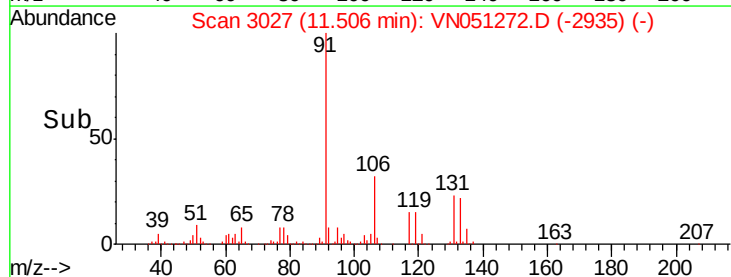
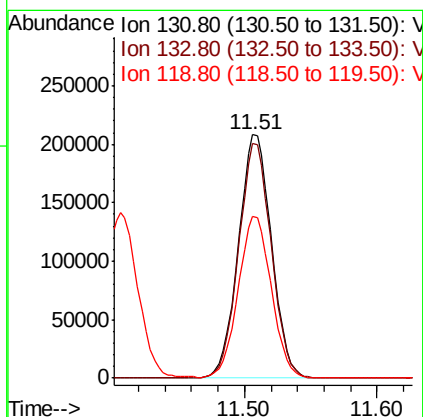
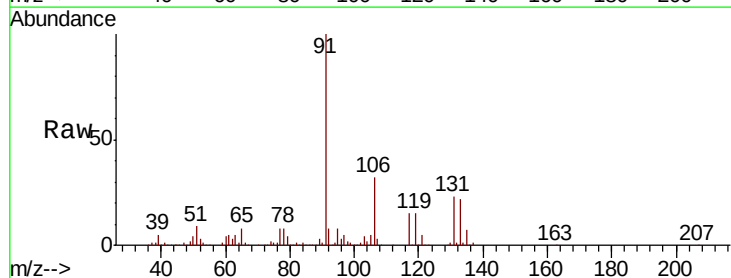
Instrument :
MSVOA_N
ClientSampleId :

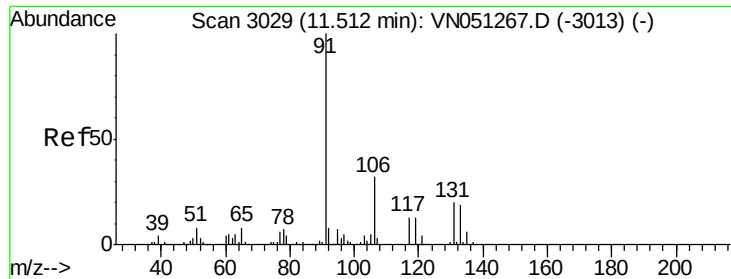
Tot Ion:112 Resp: 975375
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.90 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion:131 Resp: 359806
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 53.99 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

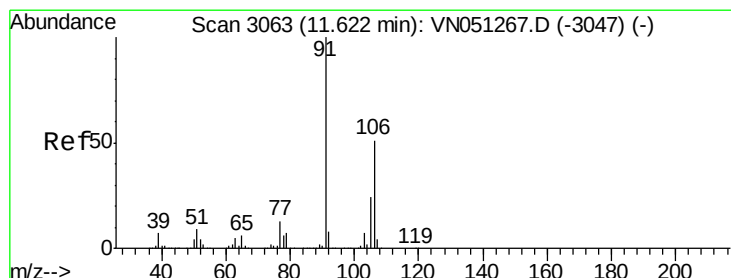
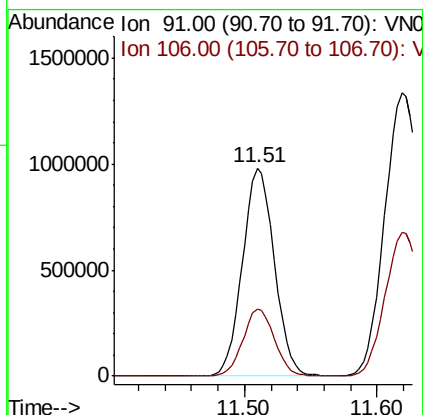
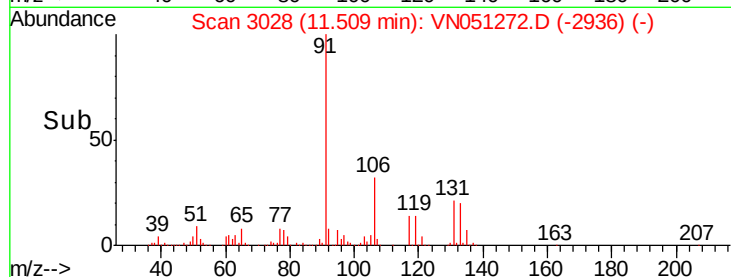
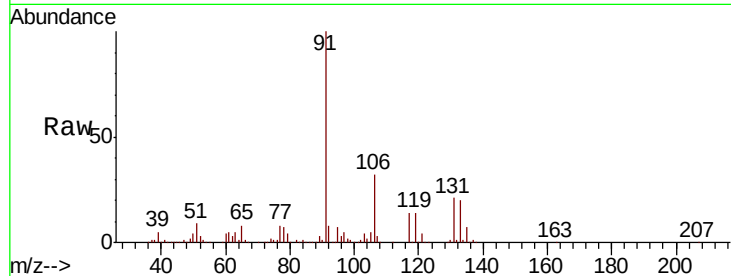
ClientSampled :

Tot Ion: 91 Resp: 1638804

Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5



#68

m/p-Xylenes

Concen: 110.16 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051272.D

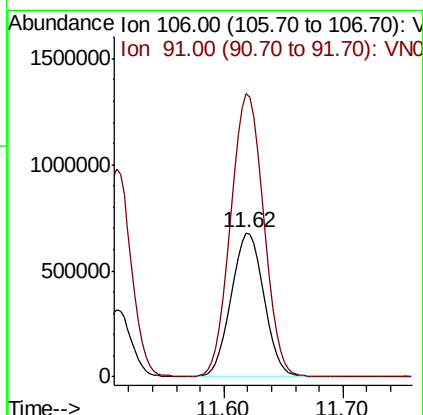
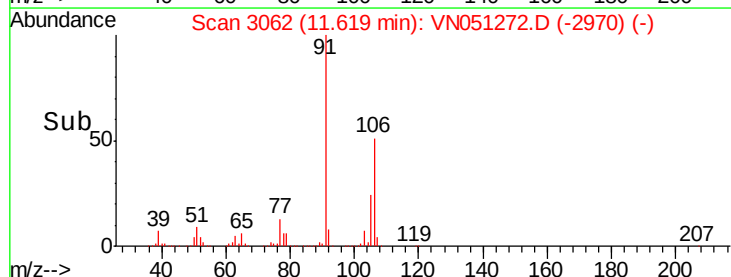
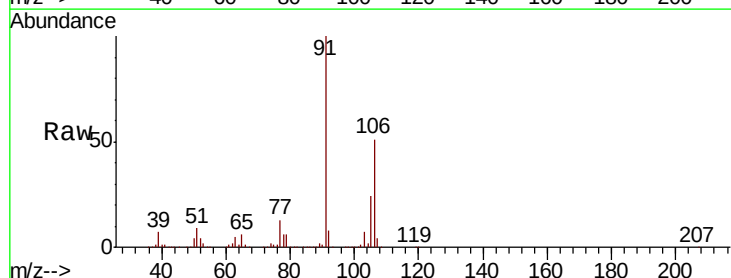
Acq: 17 Sep 2018 13:54

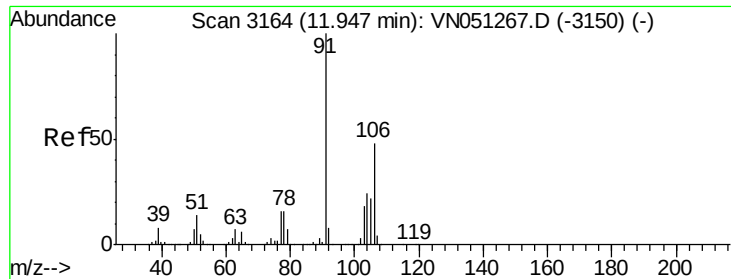
Tgt Ion: 106 Resp: 1298941

Ion Ratio Lower Upper

106 100

91 198.5 158.6 238.0

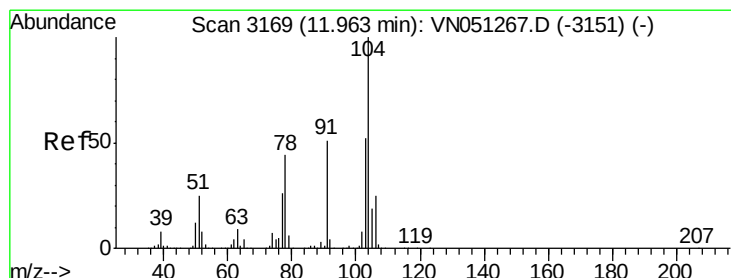
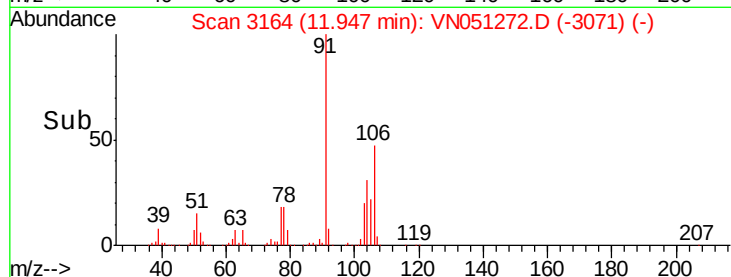
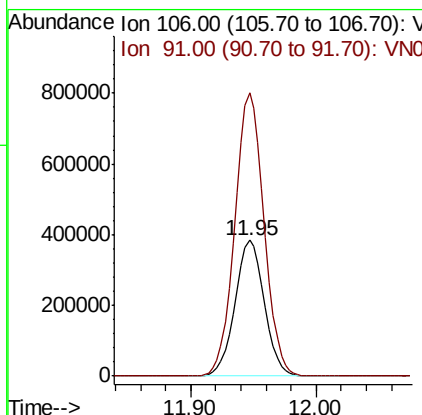
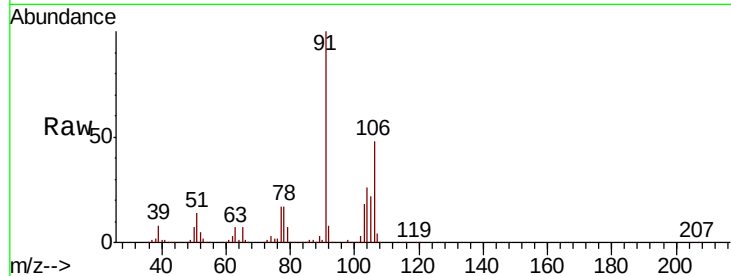




#69
o-Xylene
Concen: 55.20 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

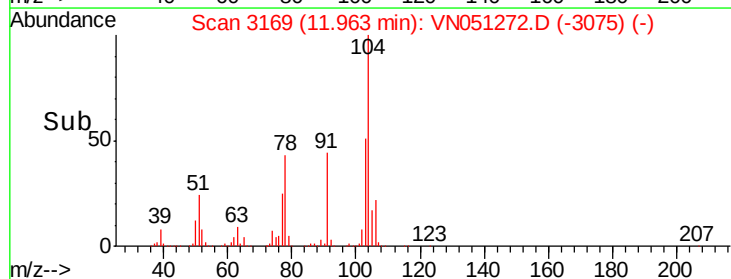
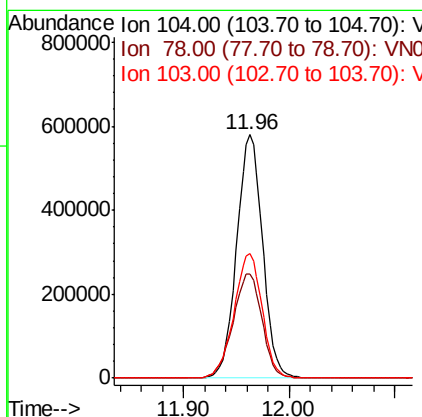
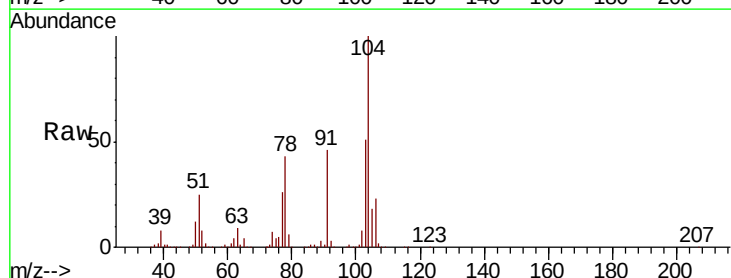
Instrument :
MSVOA_N
ClientSampled :

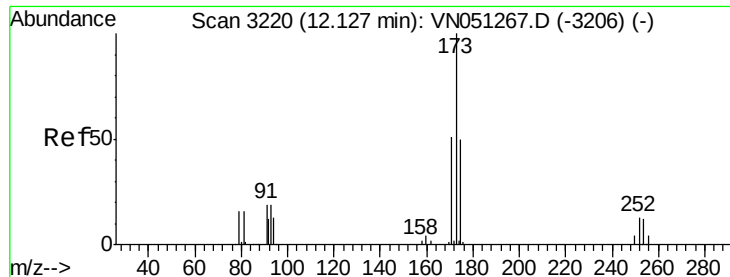
Tot Ion:106 Resp: 620266
Ion Ratio Lower Upper
106 100
91 208.2 104.1 312.3



#70
Styrene
Concen: 49.49 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion:104 Resp: 983445
Ion Ratio Lower Upper
104 100
78 48.0 38.1 57.1
103 55.8 44.8 67.2





#71

Bromoform

Concen: 51.10 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

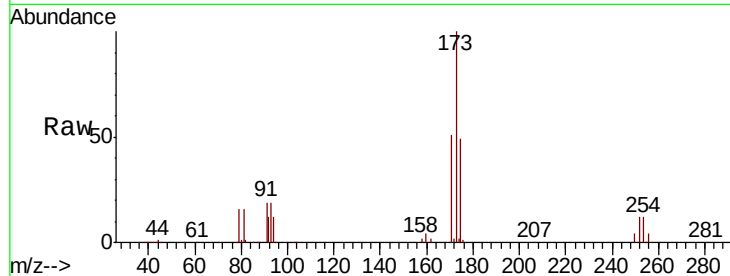
Tot Ion:173 Resp: 244364

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

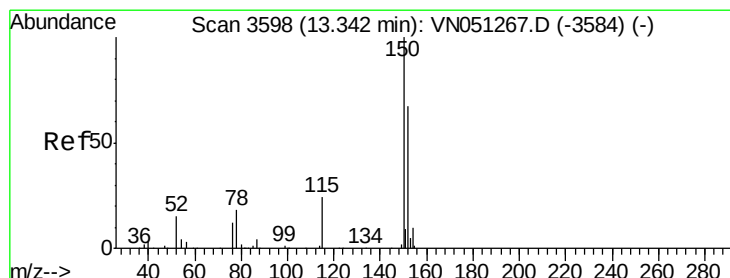
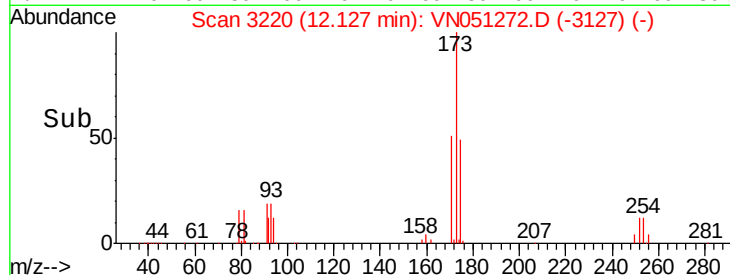
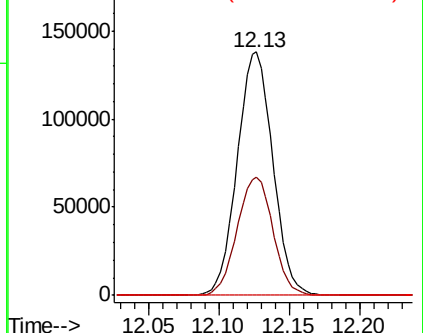
254 0.1 0.1 0.1



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: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

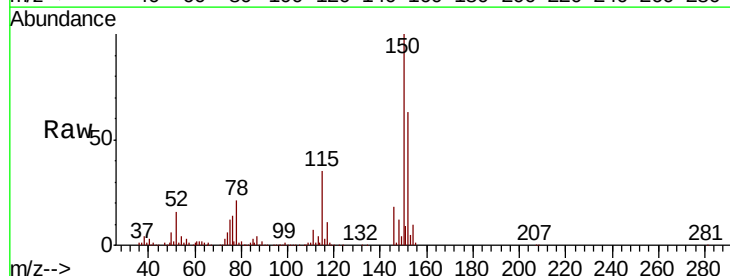
Tgt Ion:152 Resp: 394547

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.2

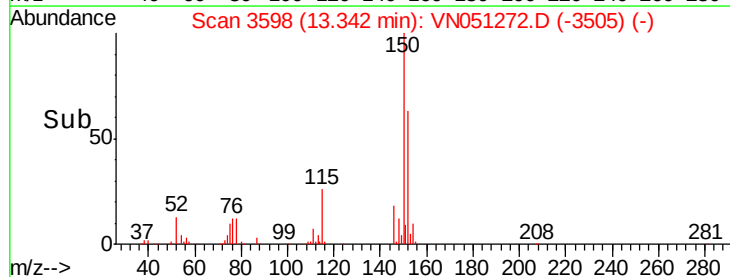
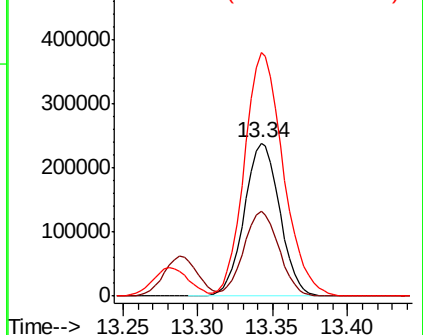
150 174.4 0.0 349.0

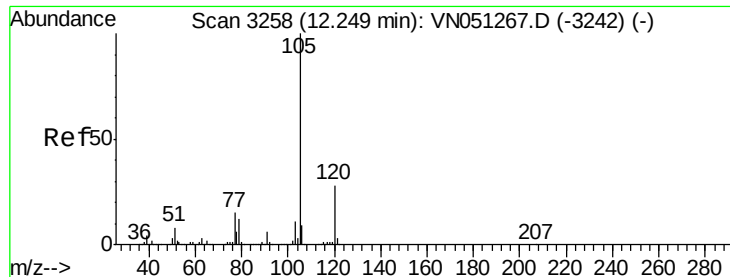


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.41 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

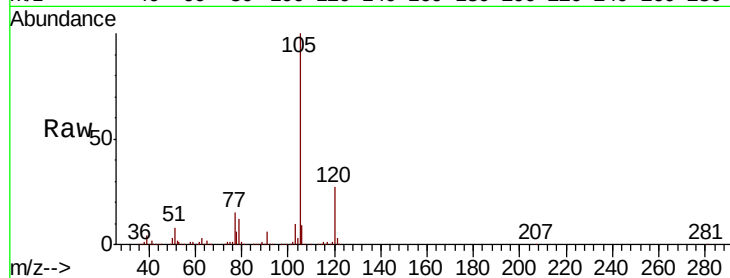
ClientSampled :

Tot Ion:105 Resp: 1644040

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

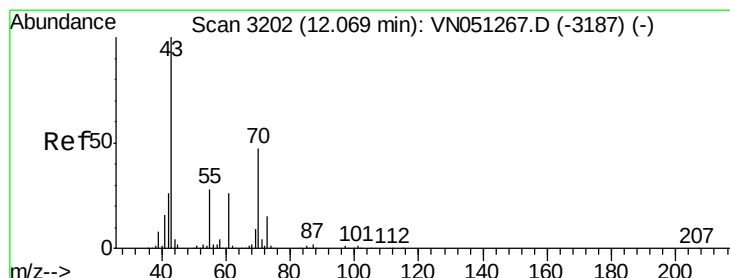
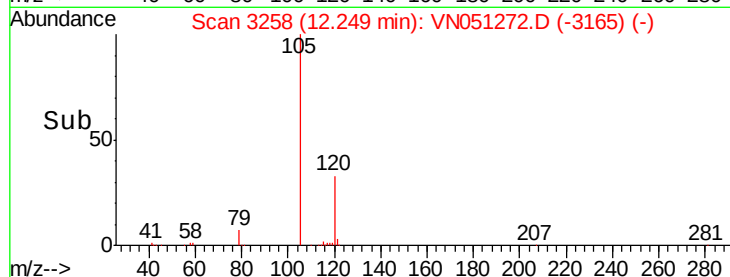
200000

0

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 48.95 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Tgt Ion: 43 Resp: 334322

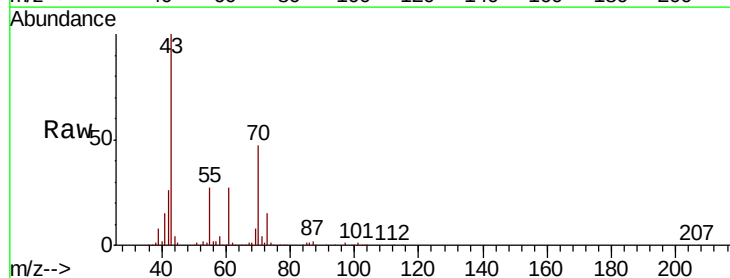
Ion Ratio Lower Upper

43 100

70 47.6 37.8 56.6

55 27.7 22.6 34.0

61 26.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

200000

100000

0

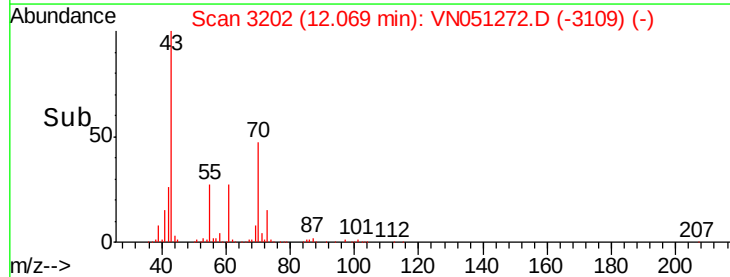
12.00

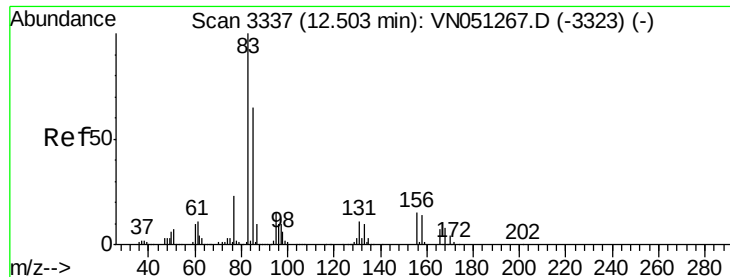
12.05

12.10

12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.81 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampled :

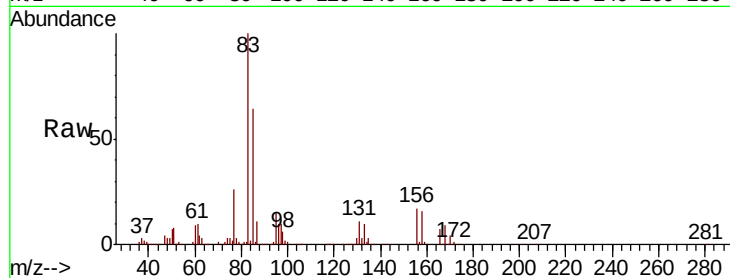
Tot Ion: 83 Resp: 352130

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.7

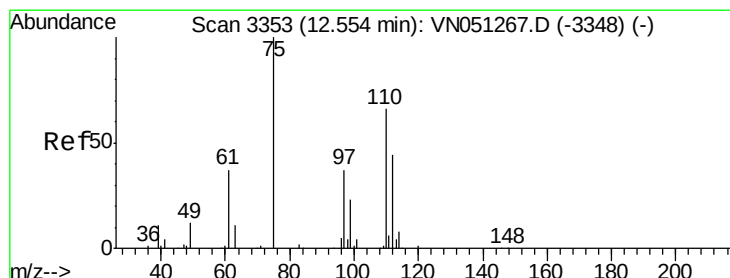
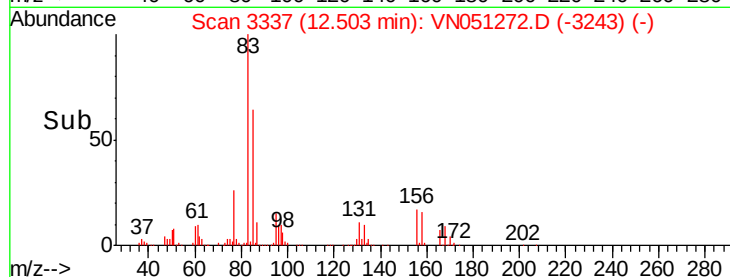
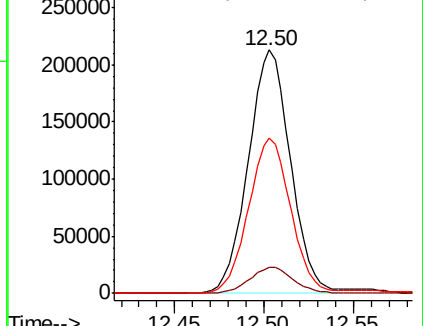
85 63.7 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 78.61 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051272.D

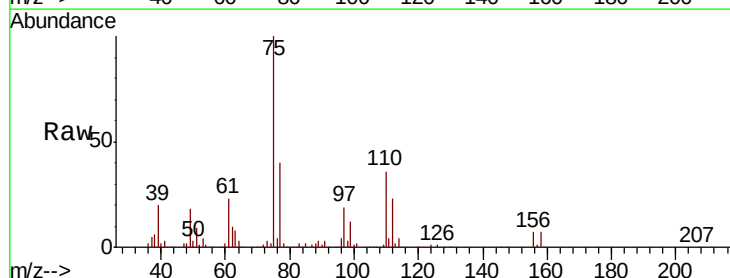
Acq: 17 Sep 2018 13:54

Tgt Ion: 75 Resp: 415292

Ion Ratio Lower Upper

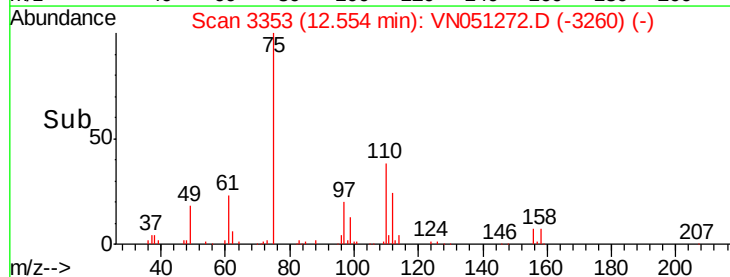
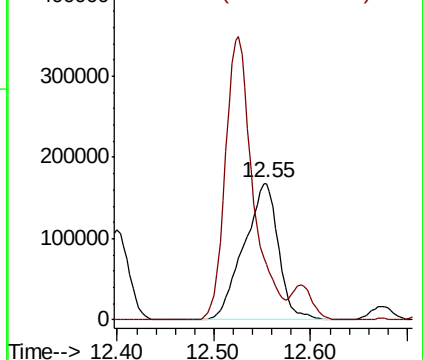
75 100

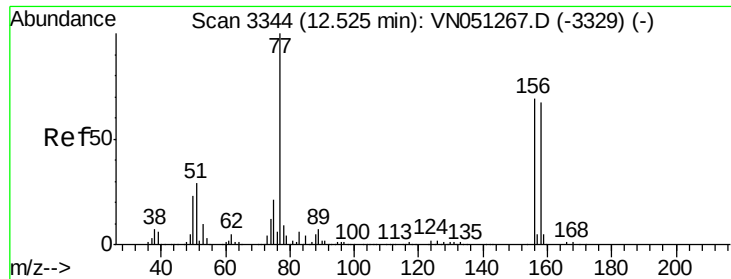
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.16 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

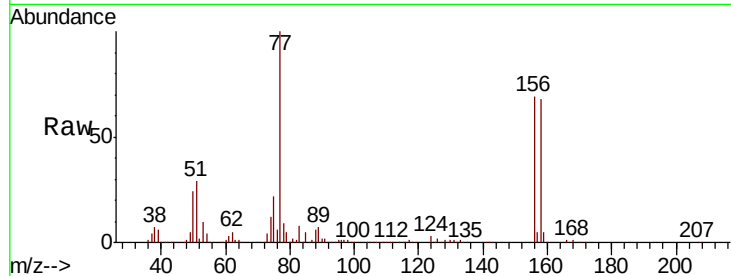
Tot Ion:156 Resp: 417348

Ion Ratio Lower Upper

156 100

77 166.4 83.7 251.1

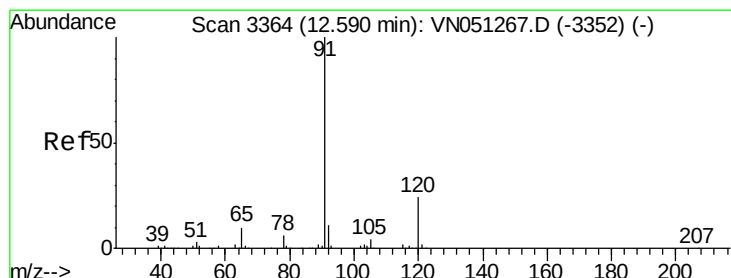
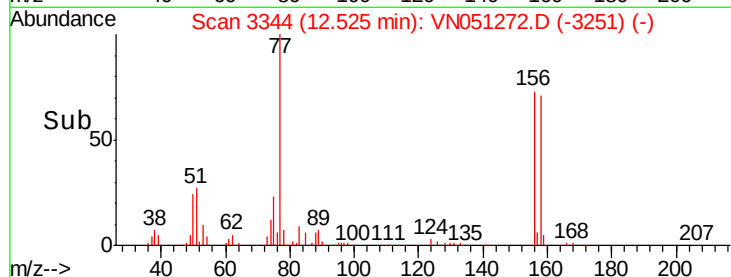
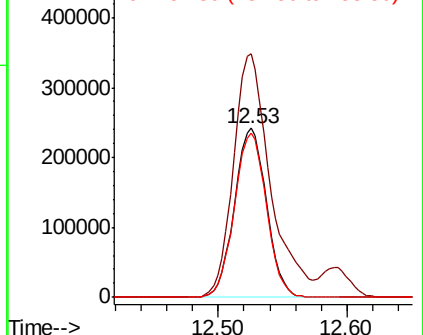
158 97.1 49.0 147.2



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: 50.60 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051272.D

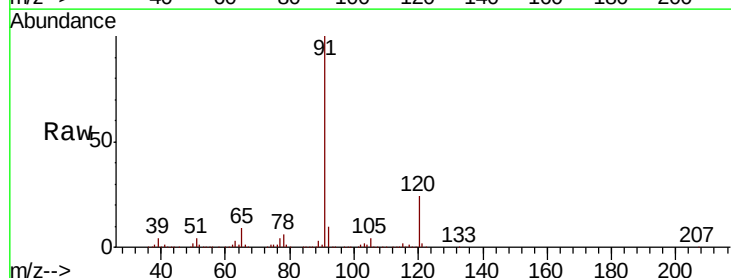
Acq: 17 Sep 2018 13:54

Tgt Ion: 91 Resp: 1816104

Ion Ratio Lower Upper

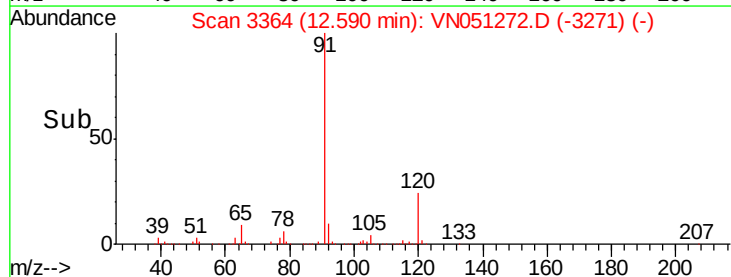
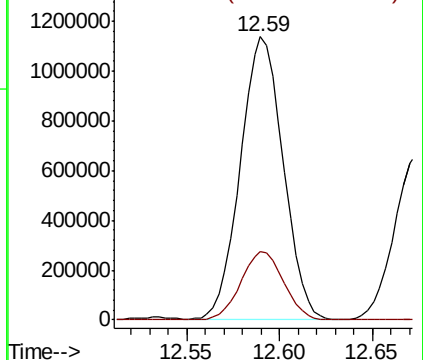
91 100

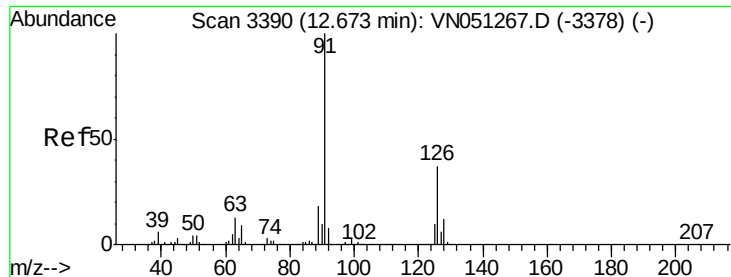
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.32 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

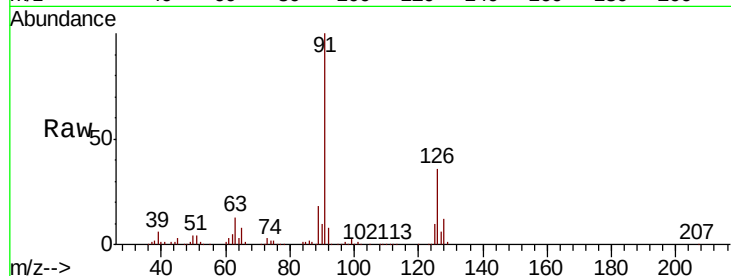
ClientSampled :

Tot Ion: 91 Resp: 1079565

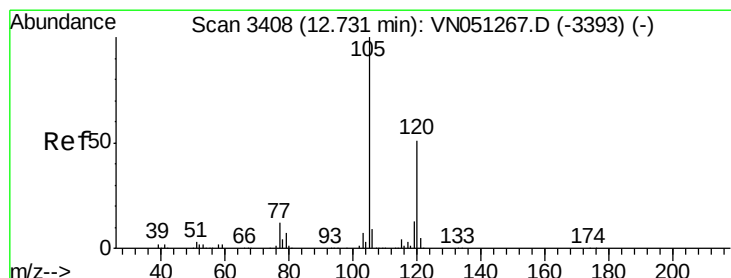
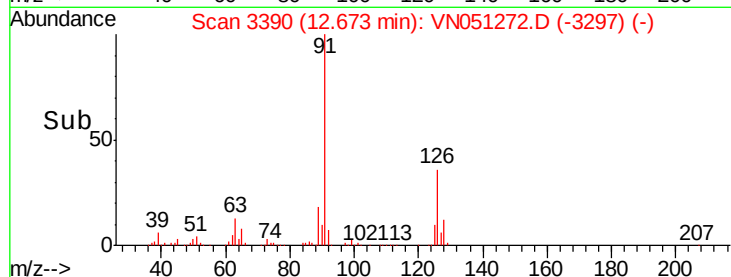
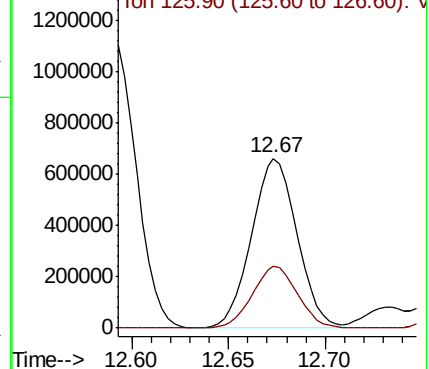
Ion Ratio Lower Upper

91 100

126 36.2 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.39 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051272.D

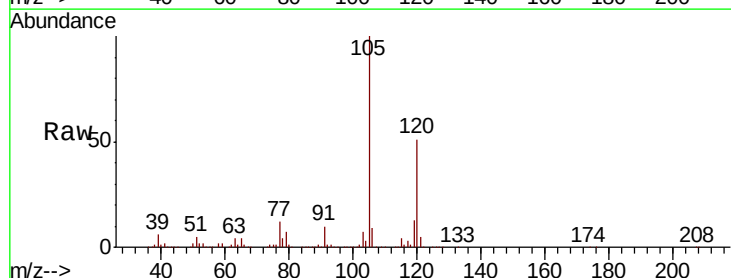
Acq: 17 Sep 2018 13:54

Tgt Ion: 105 Resp: 1340484

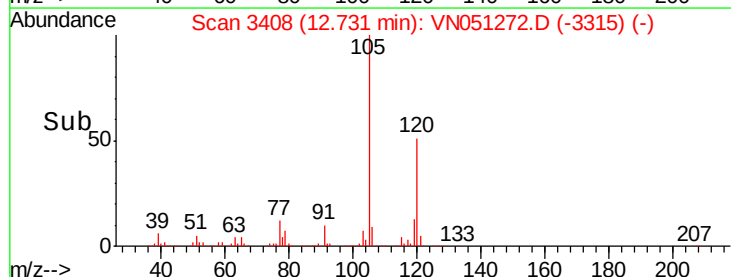
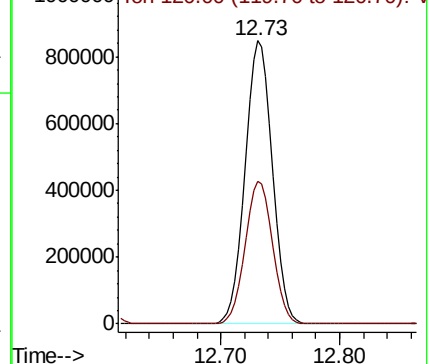
Ion Ratio Lower Upper

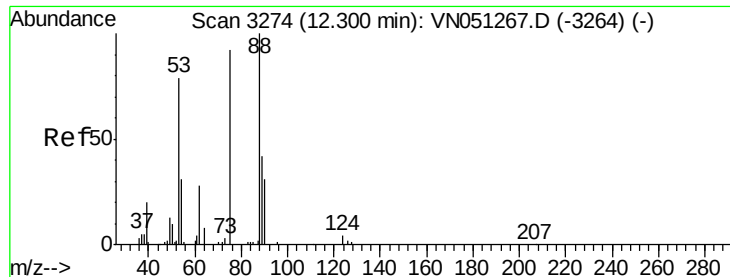
105 100

120 50.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VN051267.D (-3393) (-)

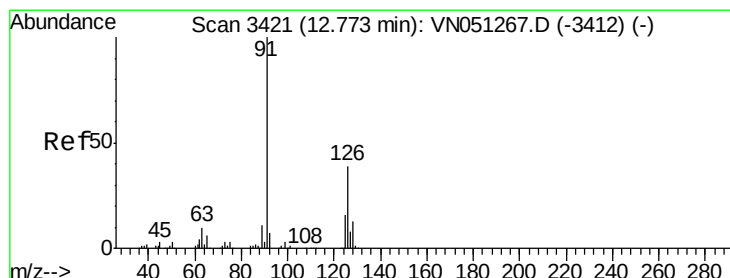
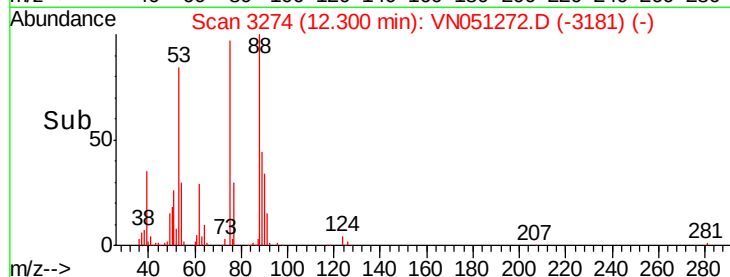
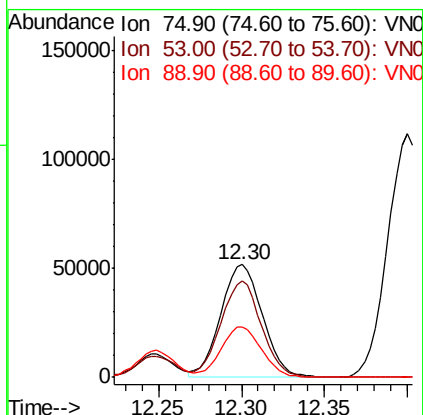
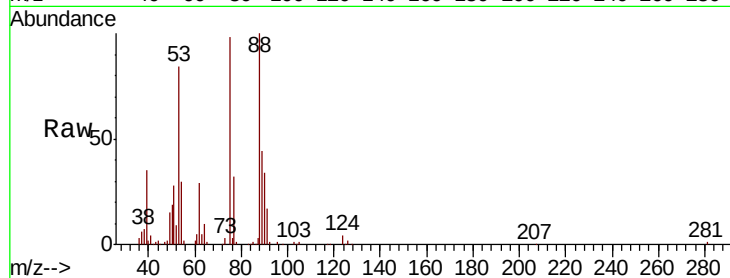




#81
trans-1,4-Dichloro-2-butene
Concen: 51.04 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

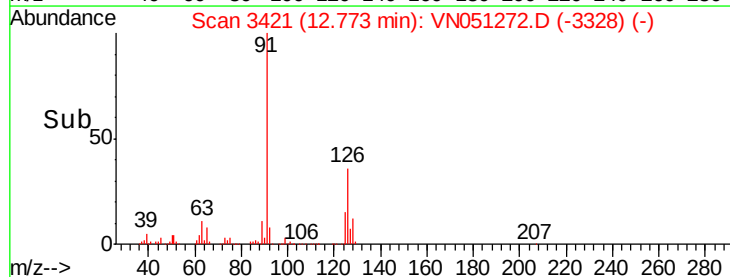
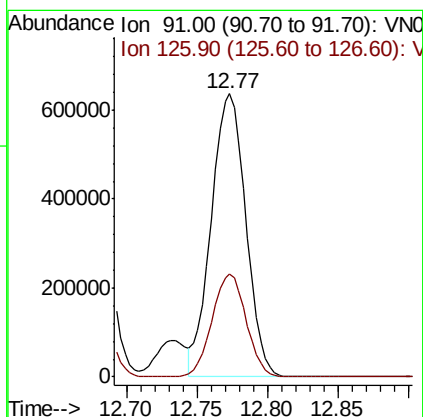
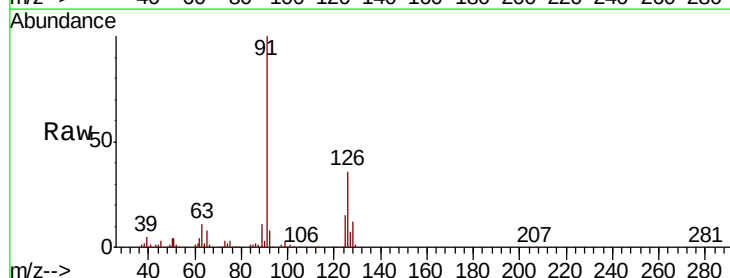
Instrument :
MSVOA_N
ClientSampled :

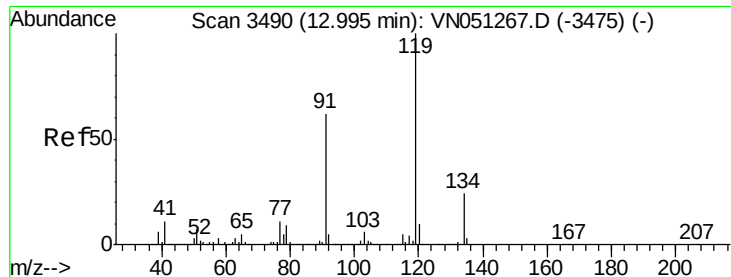
Tot Ion: 75 Resp: 90675
Ion Ratio Lower Upper
75 100
53 83.6 67.7 101.5
89 43.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.77 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 91 Resp: 1080105
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8

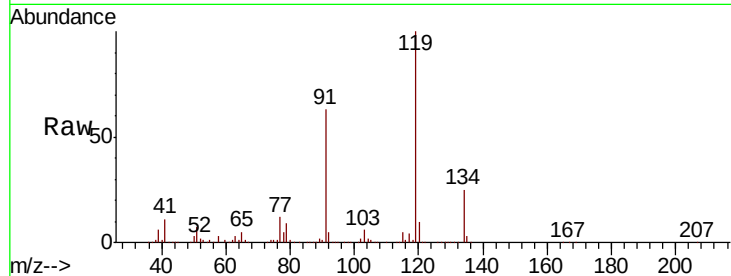




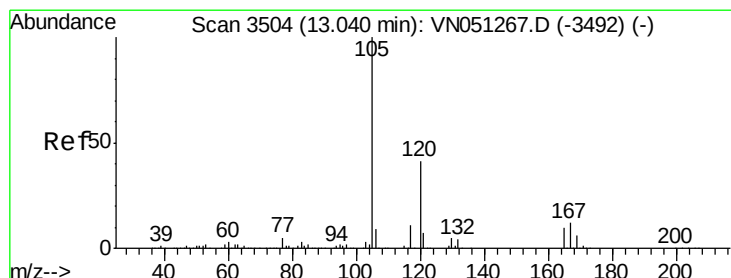
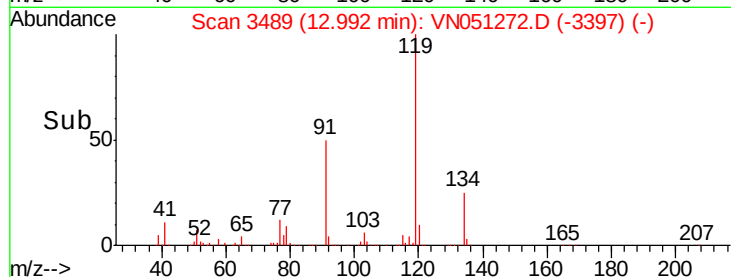
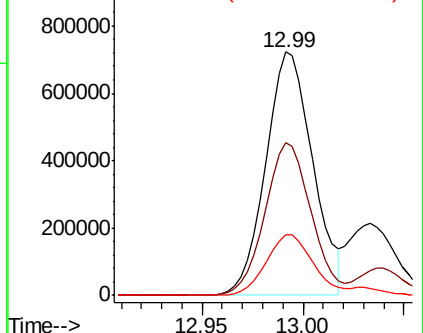
#83
 tert-Butylbenzene
 Concen: 49.77 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1169956
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.8 92.4
 134 24.8 12.4 37.0

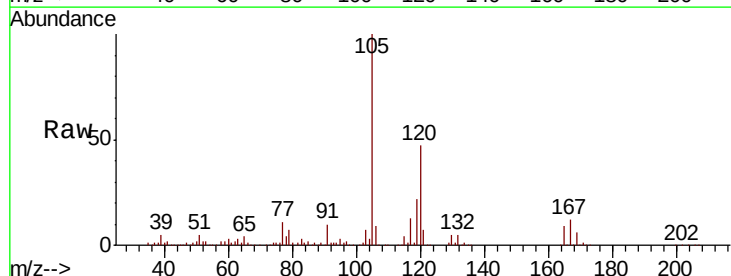


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

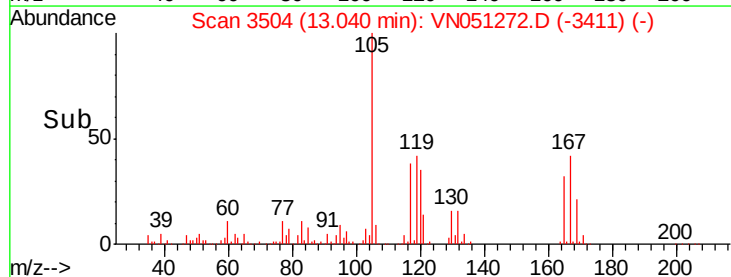
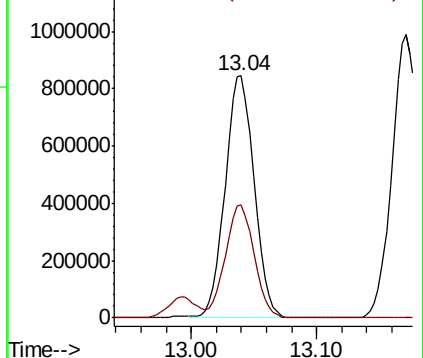


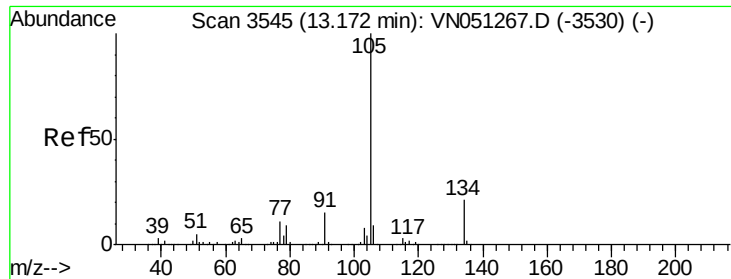
#84
 1,2,4-Trimethylbenzene
 Concen: 52.41 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion:105 Resp: 1353964
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.5 70.6



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





#85

sec-Butylbenzene

Concen: 51.31 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

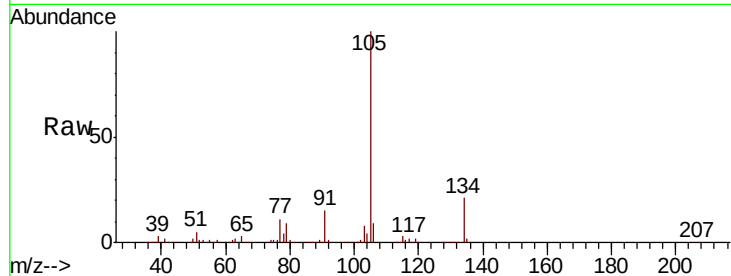
ClientSampled :

Tot Ion:105 Resp: 1531822

Ion Ratio Lower Upper

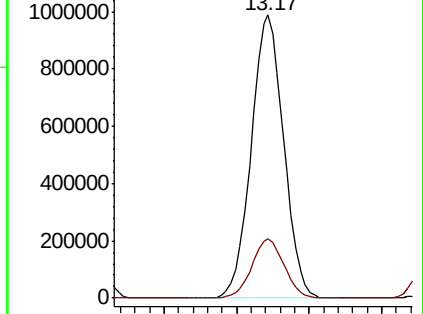
105 100

134 21.0 10.5 31.6

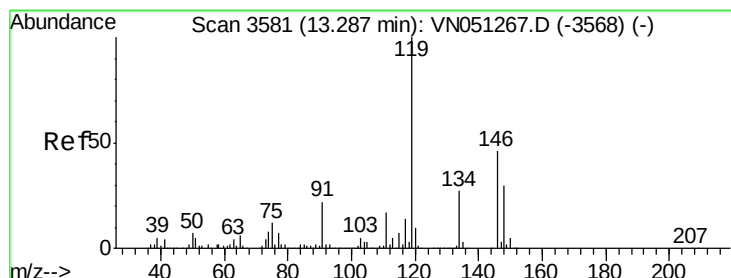
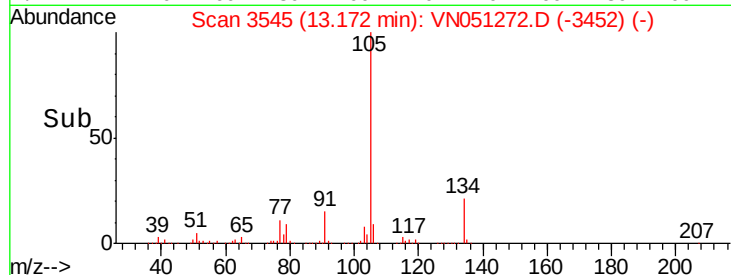


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 54.46 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

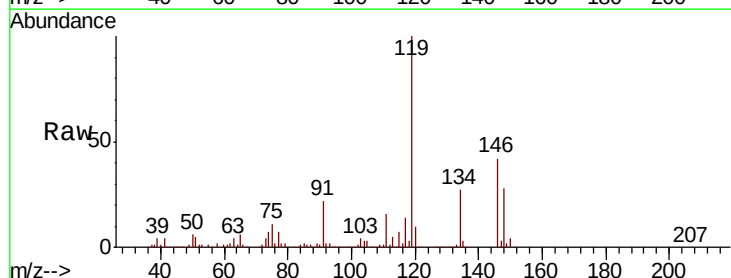
Tgt Ion:119 Resp: 1363166

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

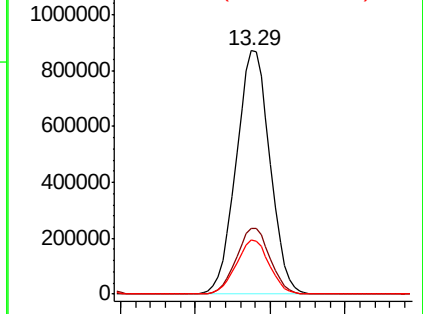
91 21.7 11.1 33.1



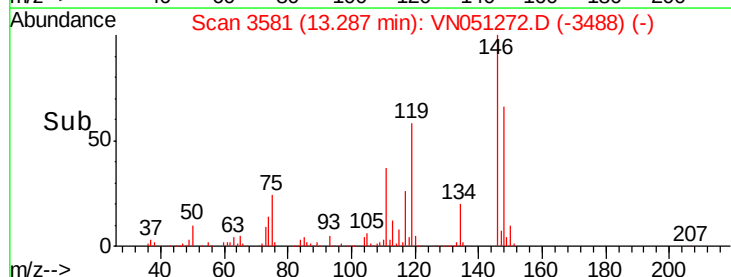
Abundance Ion 119.00 (118.70 to 119.70): V

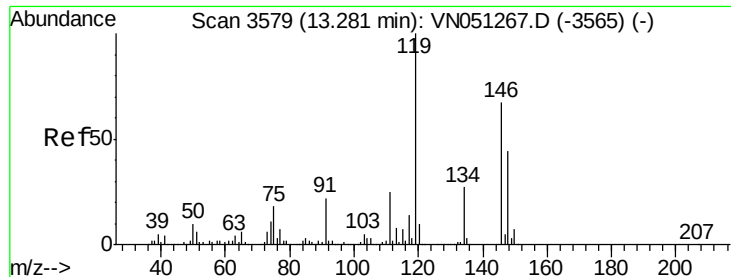
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

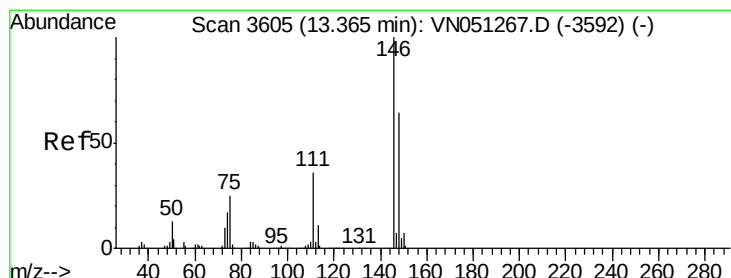
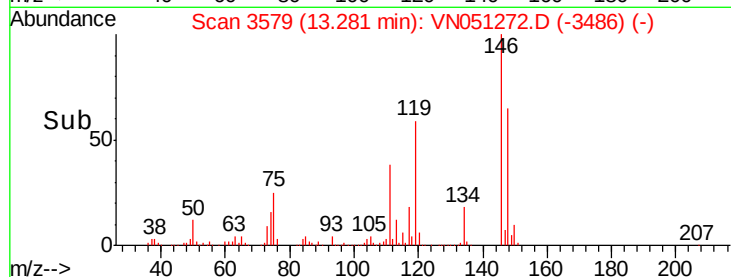
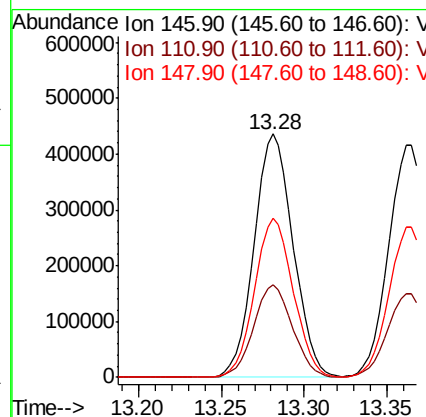
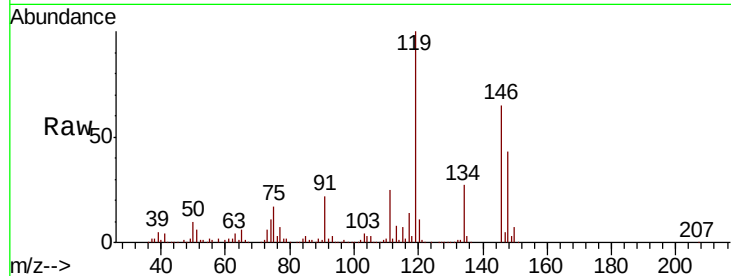




#87
 1,3-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

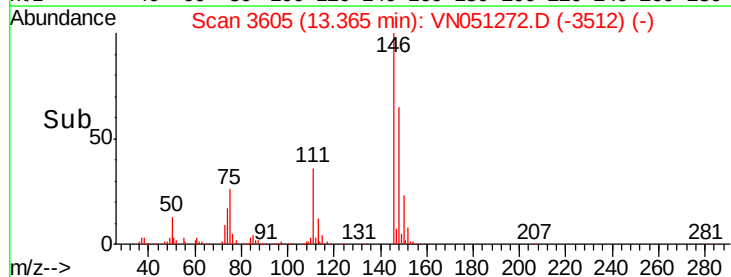
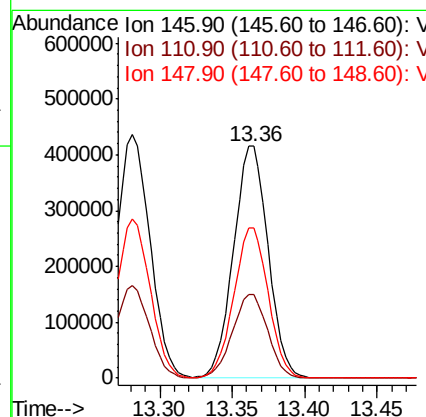
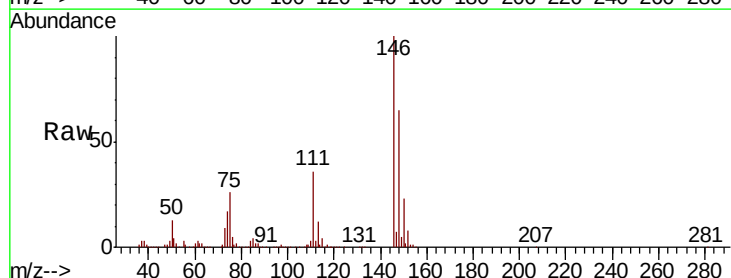
Instrument :
 MSVOA_N
 ClientSampled :

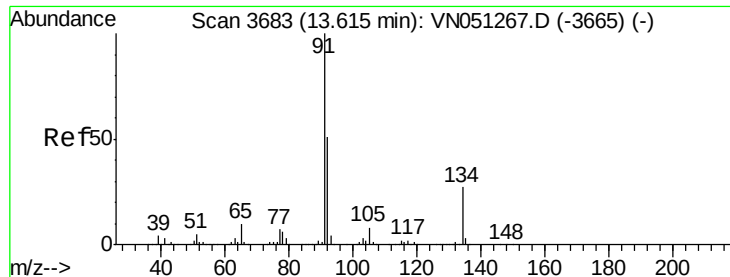
Tot Ion:146 Resp: 711048
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.7 56.1
 148 64.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.33 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion:146 Resp: 686775
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.2 54.6
 148 64.8 31.9 95.7

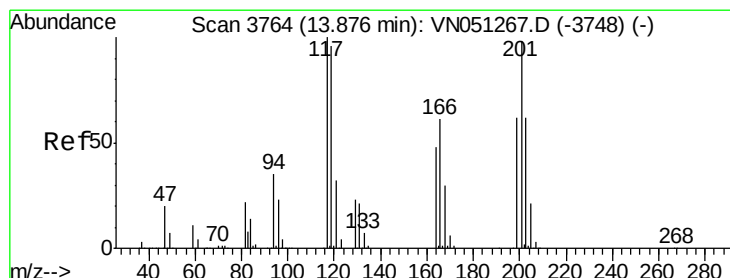
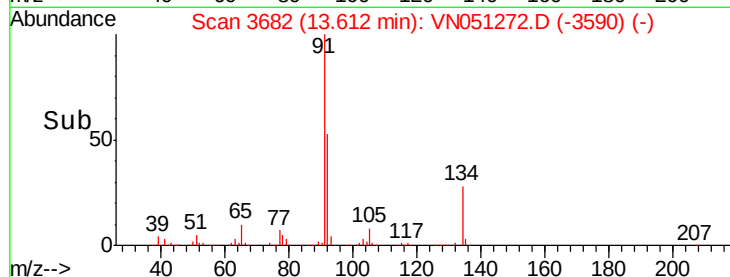
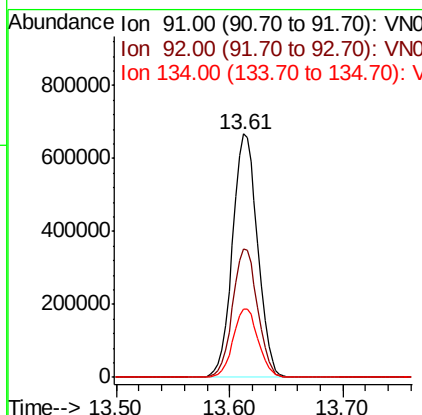
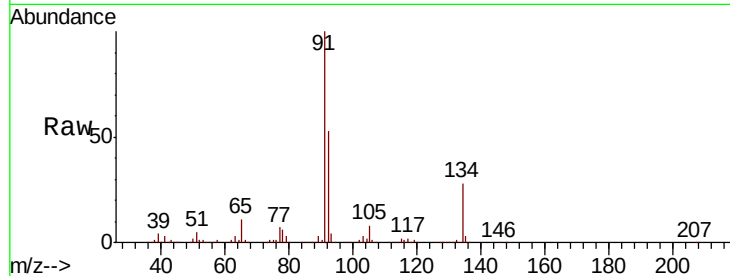




#89
n-Butylbenzene
Concen: 50.09 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

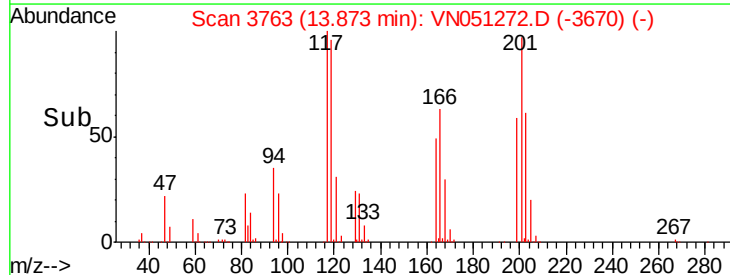
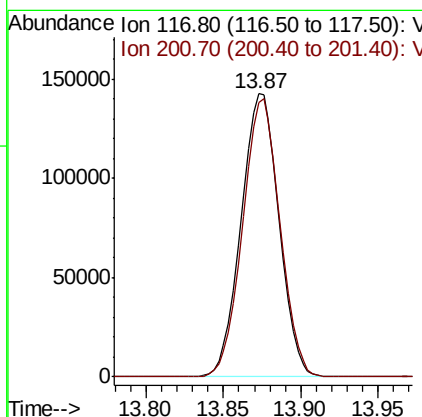
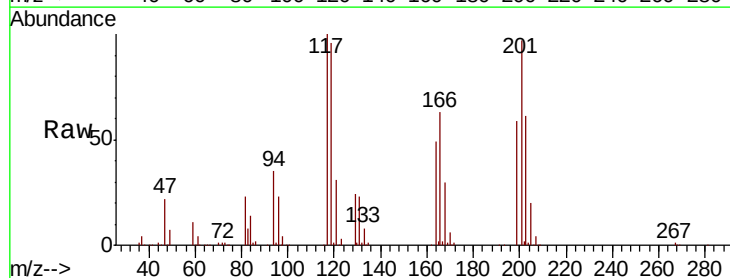
Instrument :
MSVOA_N
ClientSampled :

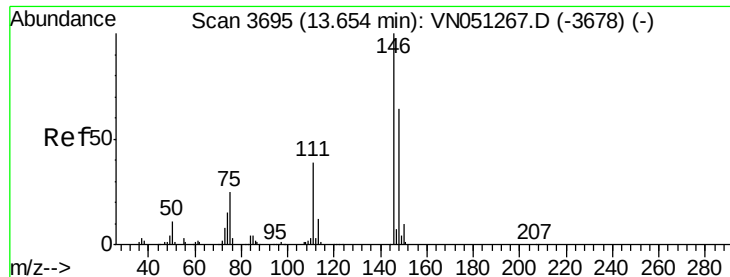
Tot Ion: 91 Resp: 1029873
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.4
134 28.2 13.7 41.0



#90
Hexachloroethane
Concen: 49.81 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051272.D
Acq: 17 Sep 2018 13:54

Tgt Ion: 117 Resp: 243301
Ion Ratio Lower Upper
117 100
201 96.7 48.4 145.3





#91

1,2-Dichlorobenzene

Concen: 50.04 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Instrument :

MSVOA_N

ClientSampleId :

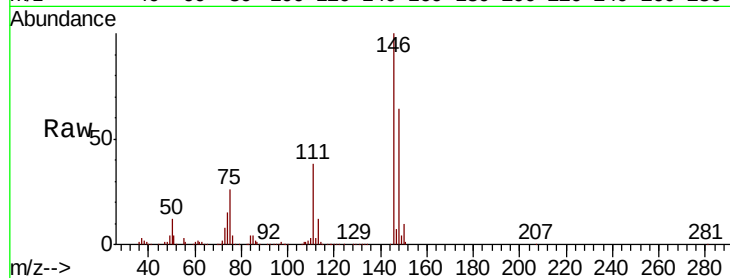
Tot Ion:146 Resp: 678158

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

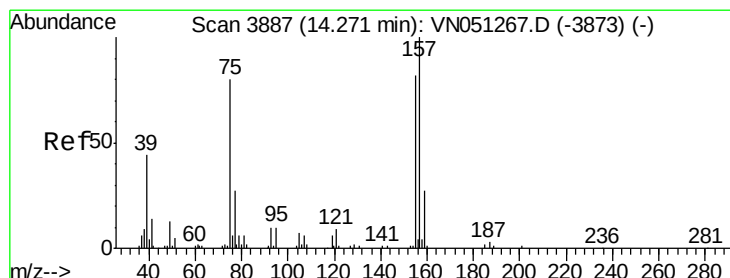
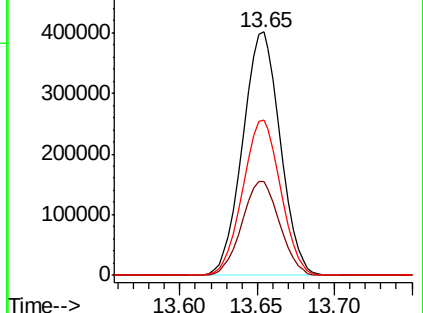
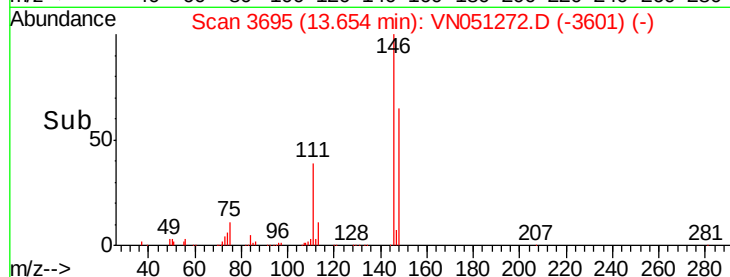
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.62 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

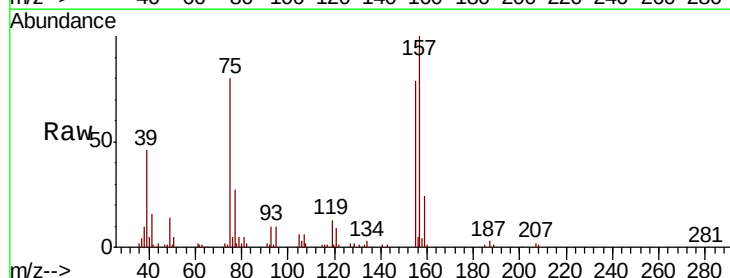
Tgt Ion: 75 Resp: 46207

Ion Ratio Lower Upper

75 100

155 99.2 50.2 150.7

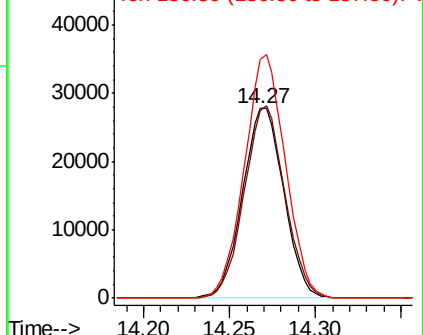
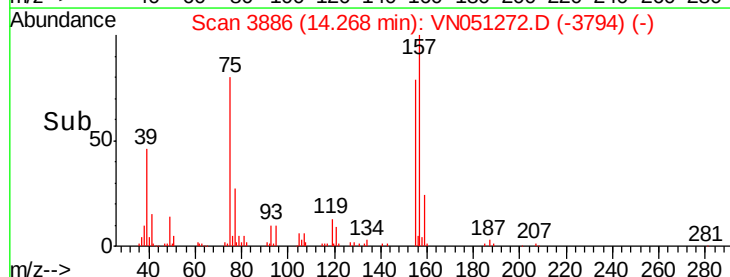
157 127.6 62.9 188.7

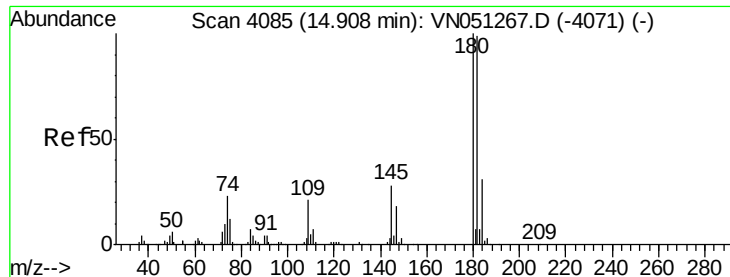


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

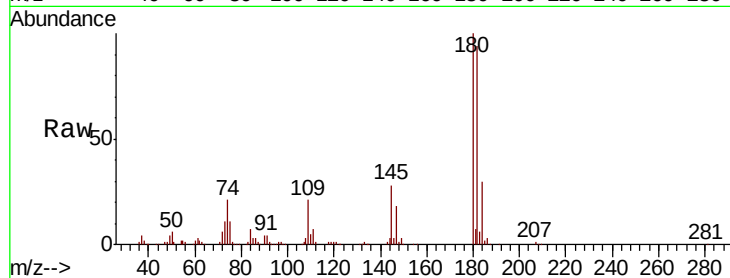




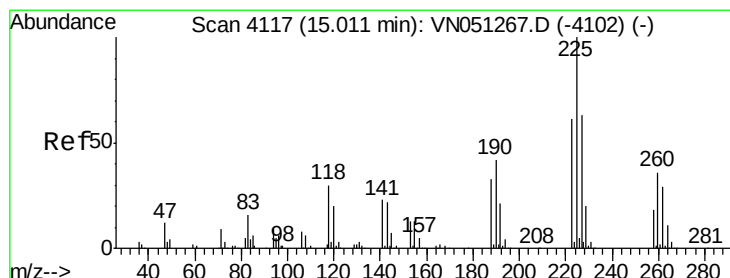
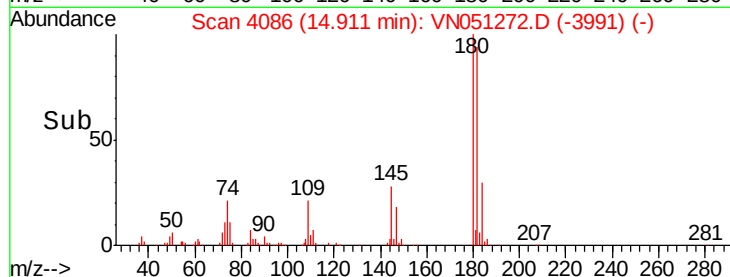
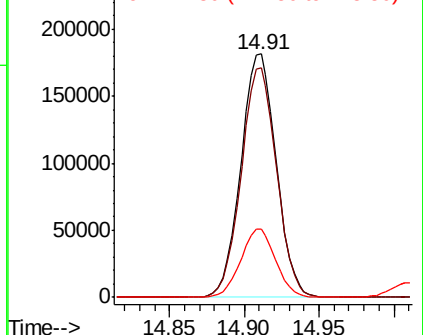
#93
 1,2,4-Trichlorobenzene
 Concen: 45.25 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.5	145.6
145	27.8	14.0	41.9

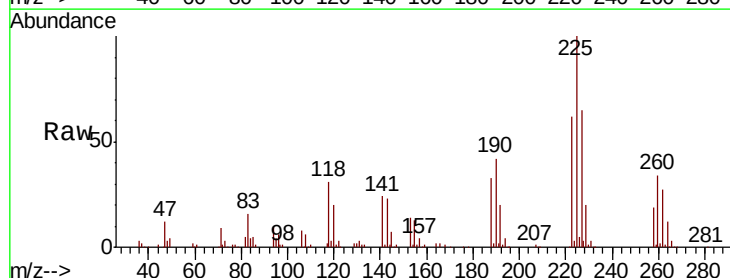


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

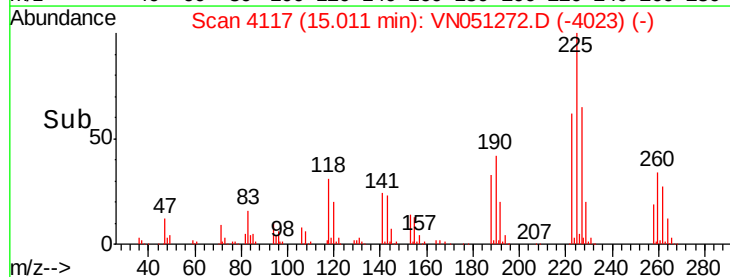
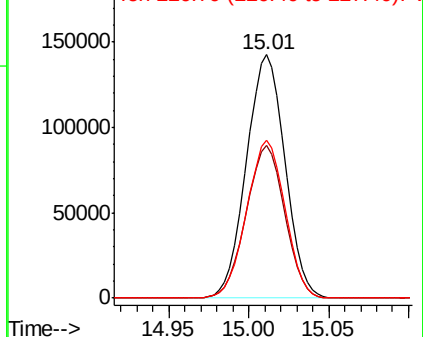


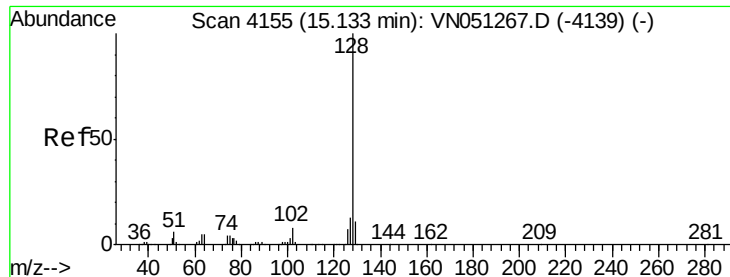
#94
 Hexachlorobutadiene
 Concen: 52.23 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051272.D
 Acq: 17 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.8	92.3
227	64.5	32.1	96.3



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





#95

Naphthalene

Concen: 42.53 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

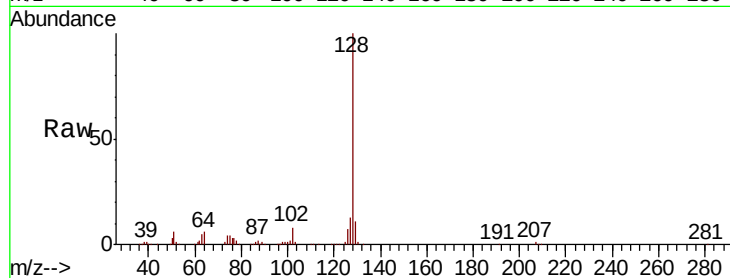
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 512747

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.9	13.3

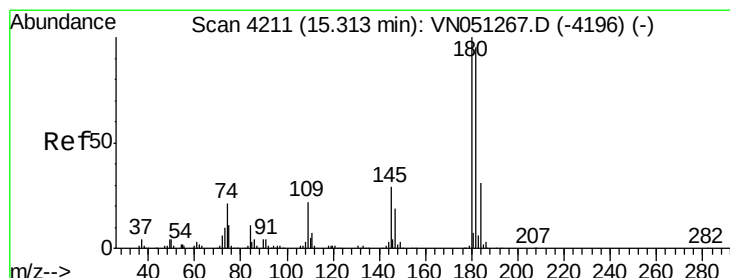
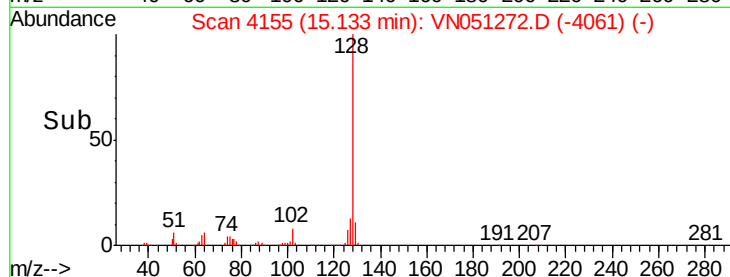
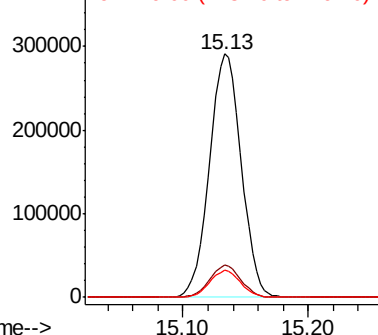


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.97 ug/l

RT: 15.32 min Scan# 4212

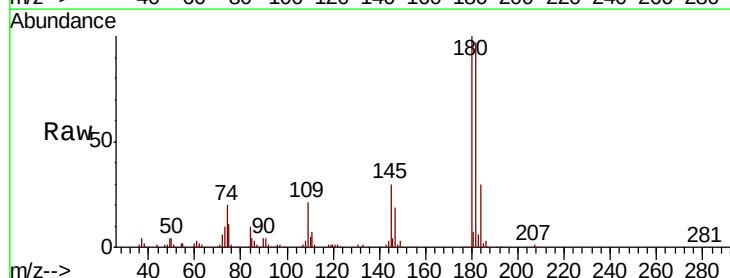
Delta R.T. 0.00 min

Lab File: VN051272.D

Acq: 17 Sep 2018 13:54

Tgt Ion:180 Resp: 287364

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	29.4	14.8	44.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

