

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082418\
 Data File : VN050872.D
 Acq On : 24 Aug 2018 13:14
 Operator : MD\SY
 Sample : VN0824MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Quant Time: Aug 24 22:52:49 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387502	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.59	113	365861	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1387813	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	430522	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174701	20.23	ug/l	98
3) Chloromethane	2.06	50	196067	18.40	ug/l	99
4) Vinyl Chloride	2.18	62	190355	18.86	ug/l	96
5) Bromomethane	2.56	94	107431	18.05	ug/l	97
6) Chloroethane	2.70	64	107562	18.45	ug/l	100
7) Trichlorofluoromethane	3.01	101	247336	19.14	ug/l	100
8) Diethyl Ether	3.41	74	82325	18.73	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	149234	18.48	ug/l	99
10) Methyl Iodide	3.95	142	113333	20.31	ug/l	99
11) Tert butyl alcohol	4.79	59	46460	93.90	ug/l	99
12) 1,1-Dichloroethene	3.74	96	135221	18.65	ug/l	96
13) Acrolein	3.61	56	21050	85.55	ug/l	98
14) Allyl chloride	4.32	41	208640	18.47	ug/l	100
15) Acrylonitrile	4.99	53	241724	96.13	ug/l	100
16) Acetone	3.82	43	162352	83.53	ug/l	99
17) Carbon Disulfide	4.05	76	407948	16.79	ug/l	100
18) Methyl Acetate	4.33	43	145590	19.84	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	355591	19.50	ug/l	98
20) Methylene Chloride	4.55	84	159533	18.22	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	144735	18.46	ug/l	99
22) Diisopropyl ether	5.95	45	452465	20.10	ug/l	96
23) Vinyl Acetate	5.90	43	1381581	95.30	ug/l	100
24) 1,1-Dichloroethane	5.85	63	275119	19.04	ug/l	99
25) 2-Butanone	6.84	43	256078	81.78	ug/l	97
26) 2,2-Dichloropropane	6.83	77	208401	17.95	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163067	19.29	ug/l	98
28) Bromochloromethane	7.20	49	109893	17.89	ug/l	98
29) Tetrahydrofuran	7.22	42	171923	95.76	ug/l	99
30) Chloroform	7.37	83	272590	19.05	ug/l	99
31) Cyclohexane	7.66	56	240194	18.58	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	229318	18.65	ug/l	99
36) 1,1-Dichloropropene	7.80	75	204148	18.58	ug/l	99
37) Ethyl Acetate	6.93	43	120824	19.14	ug/l	99
38) Carbon Tetrachloride	7.77	117	203194	18.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215984	18.17	ug/l	99
40) Benzene	8.04	78	635099	19.16	ug/l	99
41) Methacrylonitrile	7.17	41	57188	16.74	ug/l	91
42) 1,2-Dichloroethane	8.13	62	185101	18.68	ug/l	100
43) Isopropyl Acetate	8.17	43	213306	19.65	ug/l	99
44) Trichloroethene	8.84	130	162686	18.61	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164965	18.94	ug/l	99
46) Dibromomethane	9.21	93	97733	19.10	ug/l	99
47) Bromodichloromethane	9.40	83	202661	18.91	ug/l	99
48) Methyl methacrylate	9.20	41	102507	18.53	ug/l	98
49) 1,4-Dioxane	9.20	88	29221	387.50	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	596732	92.13	ug/l	100
52) Toluene	10.16	92	381521	19.43	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	194489	18.23	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	227278	18.60	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	138811	19.05	ug/l	99
56) Ethyl methacrylate	10.43	69	154601	17.89	ug/l	98
57) 1,3-Dichloropropane	10.71	76	229807	19.11	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	348844	92.44	ug/l	99
59) 2-Hexanone	10.75	43	370725	85.97	ug/l	100
60) Dibromochloromethane	10.90	129	151215	18.54	ug/l	98
61) 1,2-Dibromoethane	11.01	107	132222	18.77	ug/l	99
64) Tetrachloroethene	10.63	164	152005	19.25	ug/l	99
65) Chlorobenzene	11.43	112	411654	18.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152135	19.14	ug/l	98
67) Ethyl Benzene	11.51	91	676418	19.15	ug/l	100
68) m/p-Xylenes	11.62	106	530533	39.57	ug/l	100
69) o-Xylene	11.95	106	252172	19.56	ug/l	100
70) Styrene	11.97	104	387421	17.89	ug/l	98
71) Bromoform	12.13	173	102619	18.77	ug/l #	100
73) Isopropylbenzene	12.25	105	665630	20.79	ug/l	98
74) N-amyl acetate	12.07	43	155240	19.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	166750	20.89	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192465	28.42	ug/l #	100
77) Bromobenzene	12.53	156	169563	19.49	ug/l	100
78) n-propylbenzene	12.59	91	734162	20.53	ug/l	99
79) 2-Chlorotoluene	12.68	91	452310	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	539822	20.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36389	18.16	ug/l	94
82) 4-Chlorotoluene	12.77	91	442752	20.13	ug/l	99
83) tert-Butylbenzene	12.99	119	469318	20.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	541357	20.83	ug/l	100
85) sec-Butylbenzene	13.17	105	606425	20.68	ug/l	100
86) p-Isopropyltoluene	13.29	119	511310	20.47	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276743	18.74	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268636	18.48	ug/l	99
89) n-Butylbenzene	13.62	91	369098	18.47	ug/l	99
90) Hexachloroethane	13.88	117	94696	20.00	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	272519	19.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21521	18.72	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

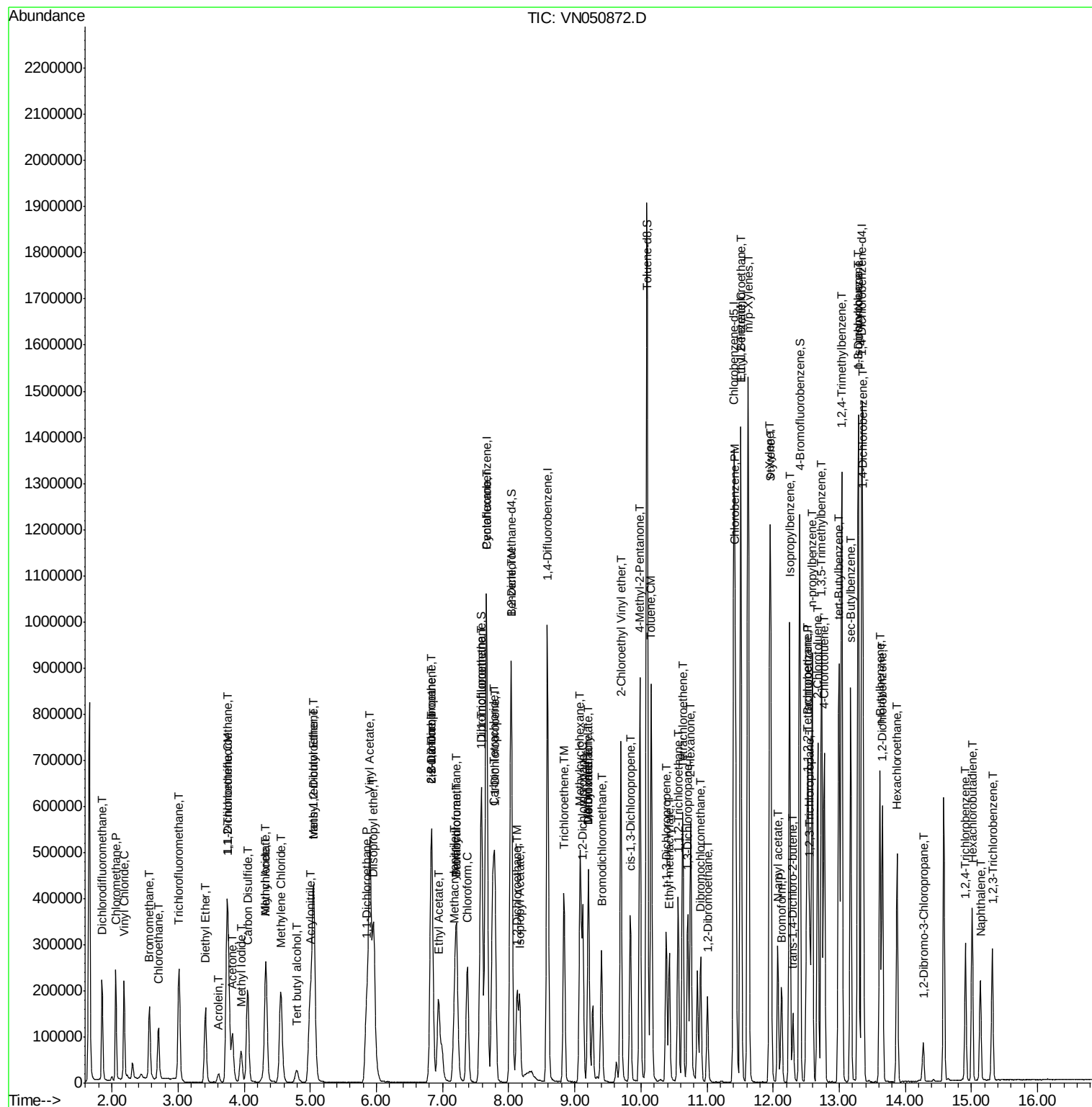
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101047	16.60	ug/l	99
94) Hexachlorobutadiene	15.01	225	83291	19.03	ug/l	98
95) Naphthalene	15.13	128	192700	16.53	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	105271	17.45	ug/l	99

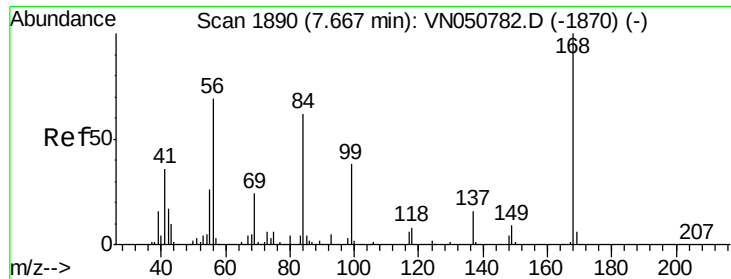
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Aug 24 22:52:49 2018
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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

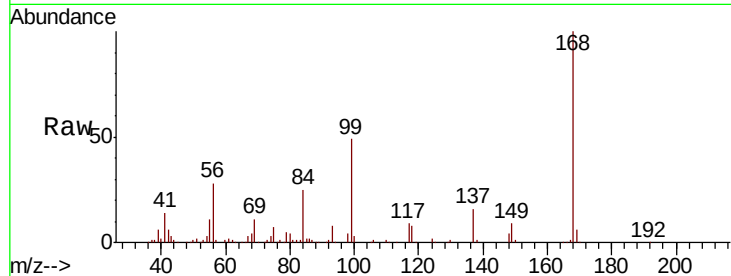
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tot Ion:168 Resp: 645450

Ion Ratio Lower Upper

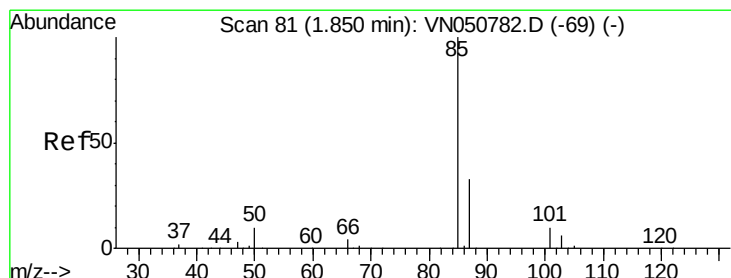
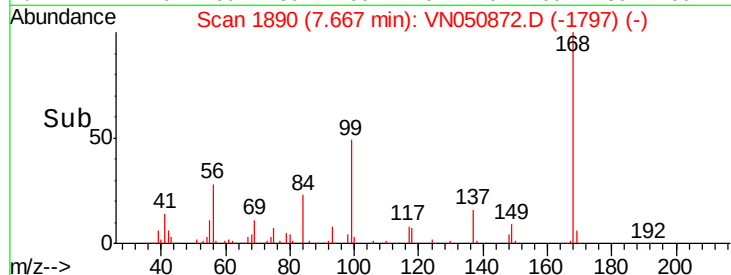
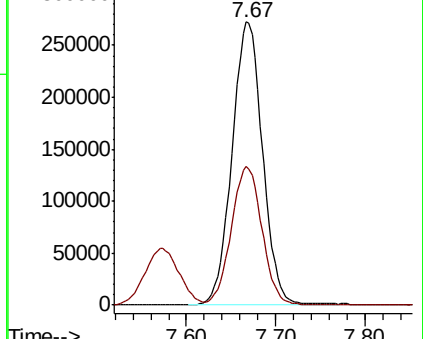
168 100

99 48.8 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.23 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050872.D

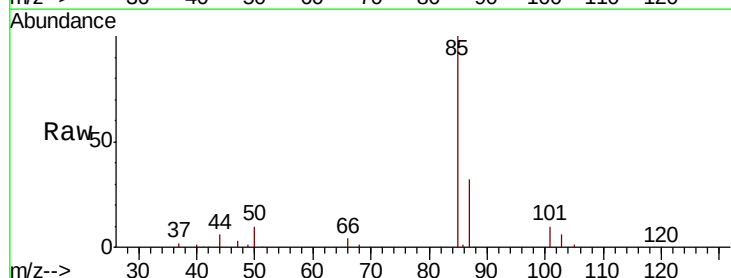
Acq: 24 Aug 2018 13:14

Tgt Ion: 85 Resp: 174701

Ion Ratio Lower Upper

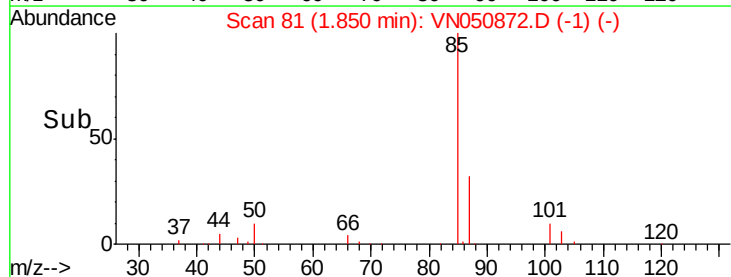
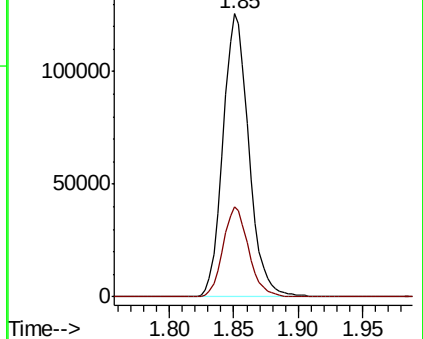
85 100

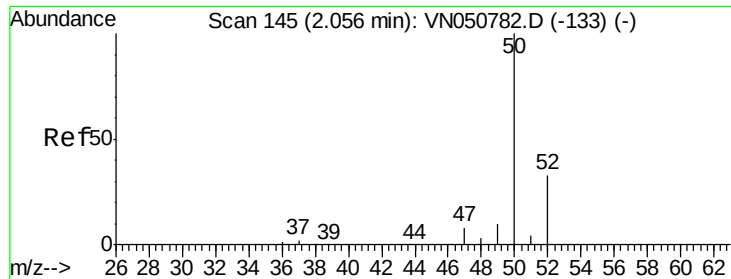
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.40 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

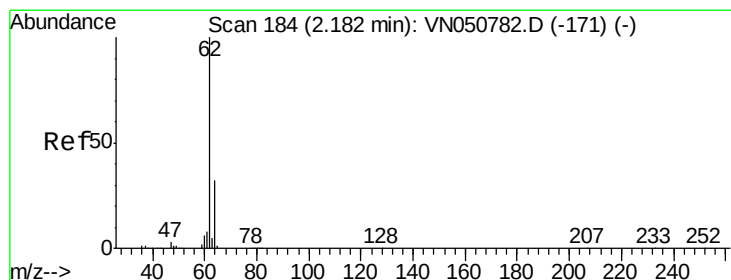
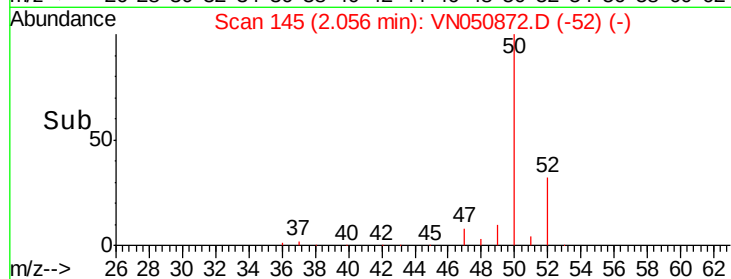
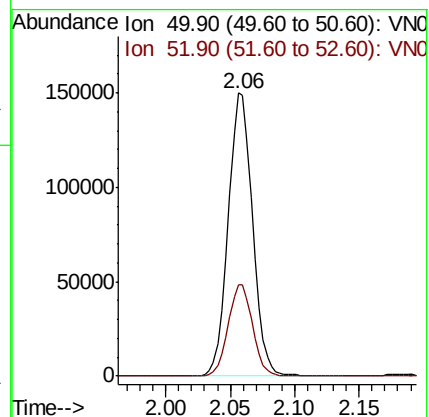
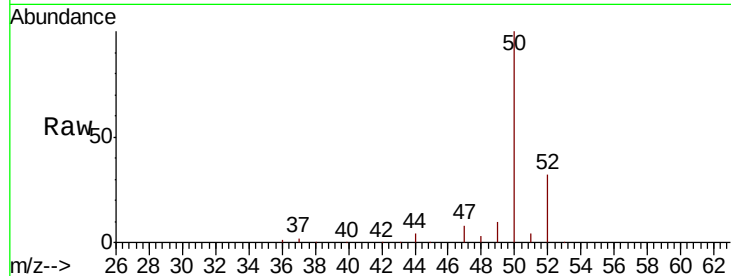
VN0824MBSD01

Tot Ion: 50 Resp: 196067

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 18.86 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN050872.D

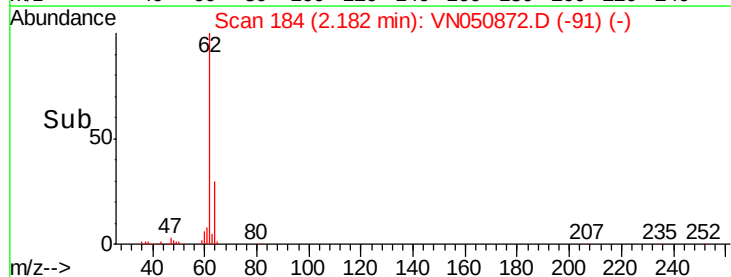
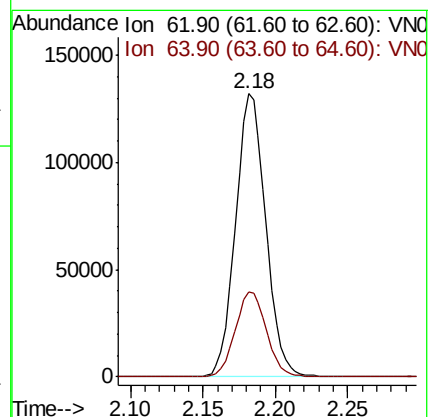
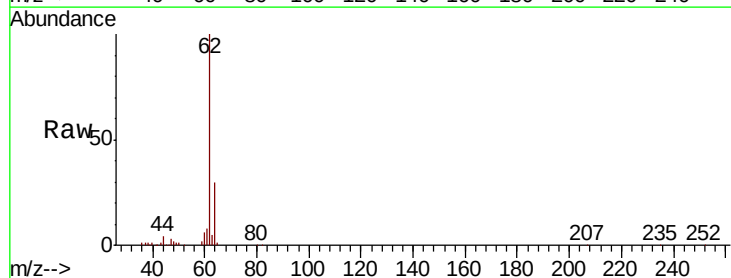
Acq: 24 Aug 2018 13:14

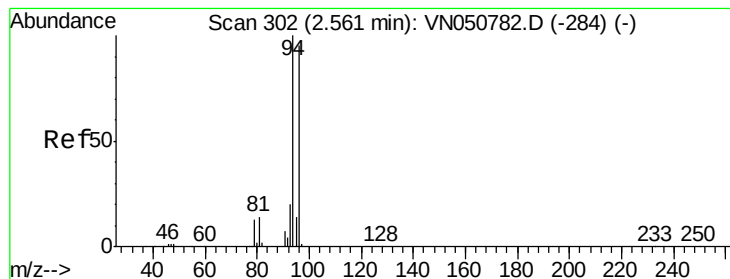
Tgt Ion: 62 Resp: 190355

Ion Ratio Lower Upper

62 100

64 29.8 25.4 38.2





#5

Bromomethane

Concen: 18.05 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

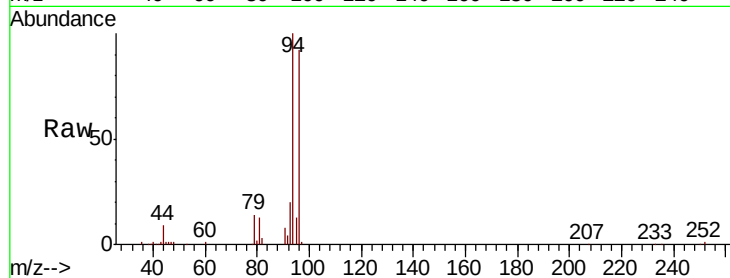
VN0824MBSD01

Tot Ion: 94 Resp: 107431

Ion Ratio Lower Upper

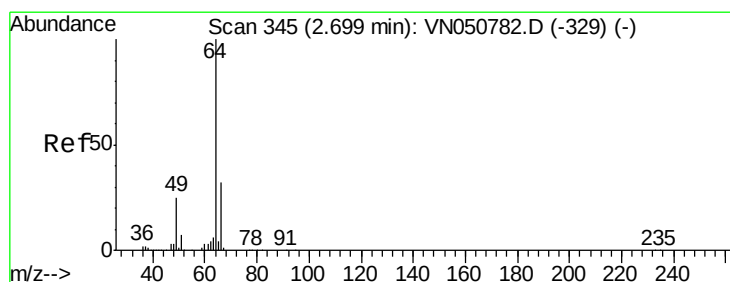
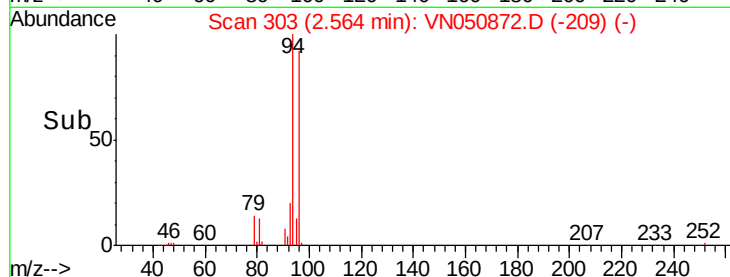
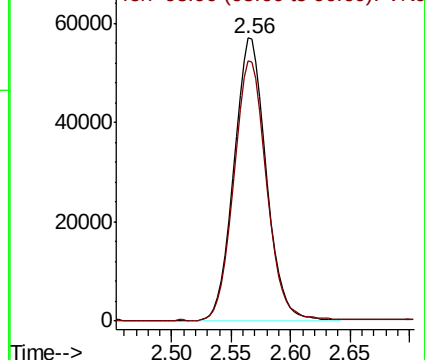
94 100

96 92.0 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.45 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050872.D

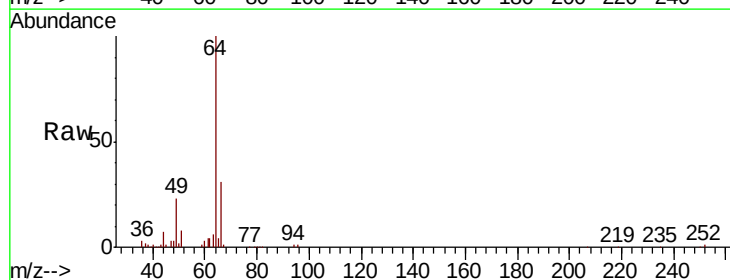
Acq: 24 Aug 2018 13:14

Tgt Ion: 64 Resp: 107562

Ion Ratio Lower Upper

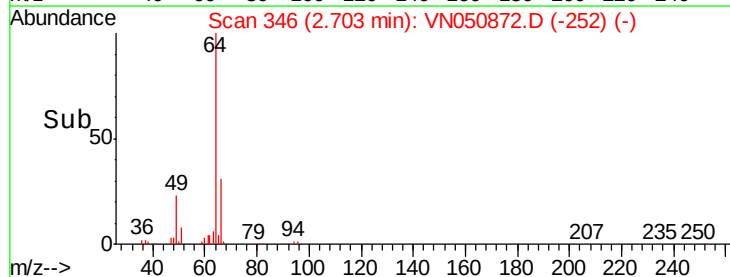
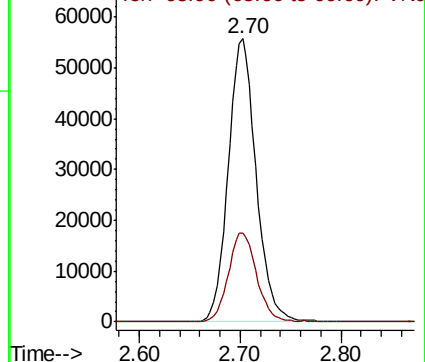
64 100

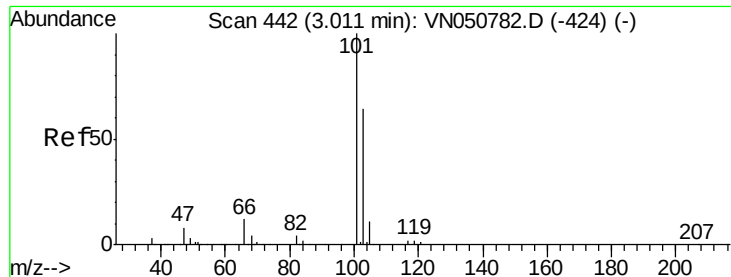
66 31.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.14 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

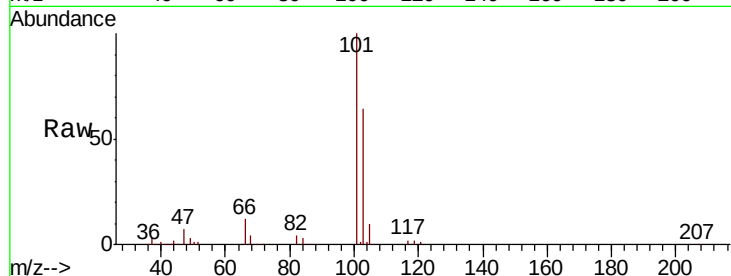
VN0824MBSD01

Tot Ion:101 Resp: 247336

Ion Ratio Lower Upper

101 100

103 64.3 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.01

120000

100000

80000

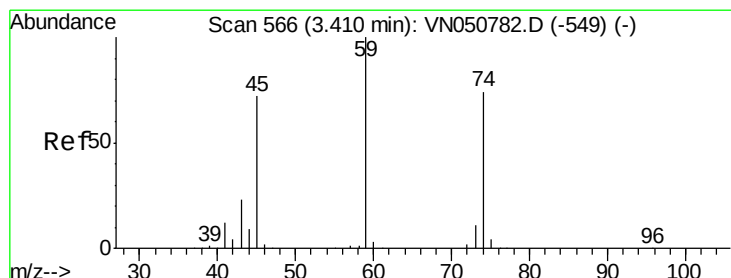
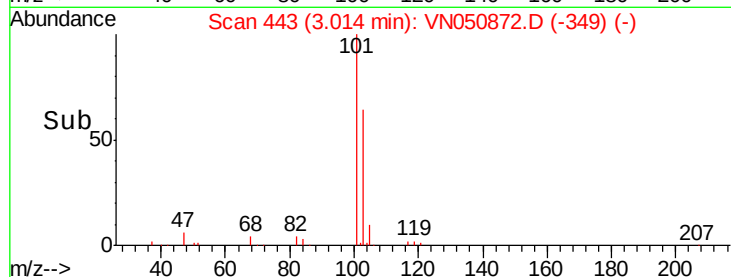
60000

40000

20000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 18.73 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050872.D

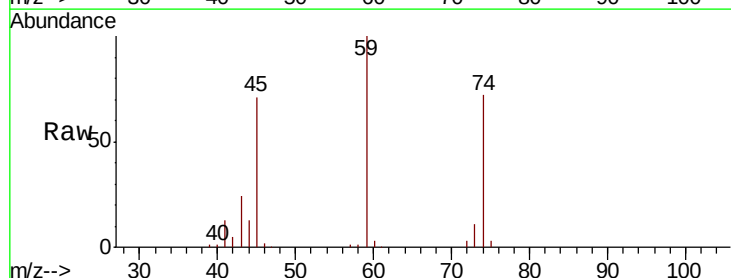
Acq: 24 Aug 2018 13:14

Tgt Ion: 74 Resp: 82325

Ion Ratio Lower Upper

74 100

45 97.5 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

40000

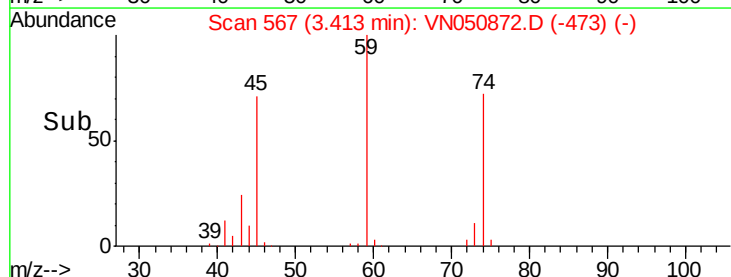
30000

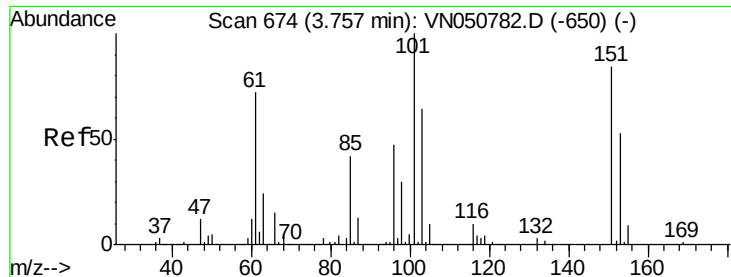
20000

10000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.48 ug/l

RT: 3.76 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

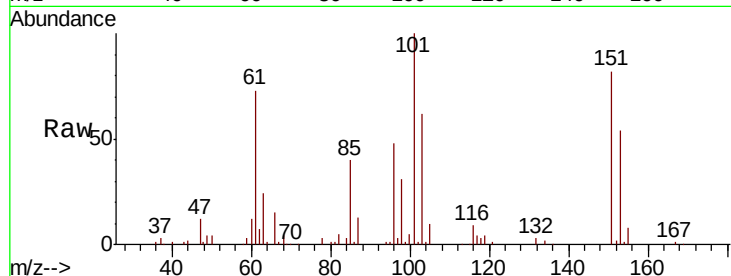
Tot Ion:101 Resp: 149234

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

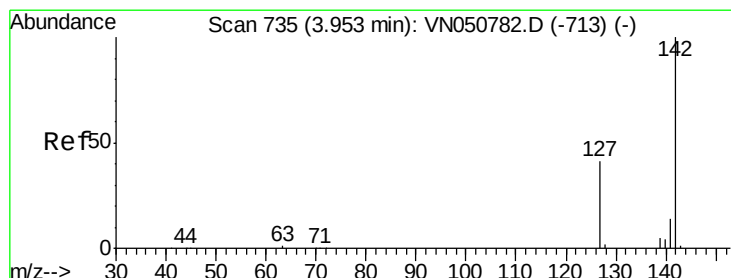
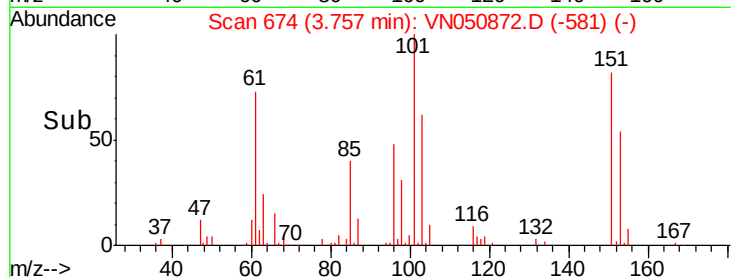
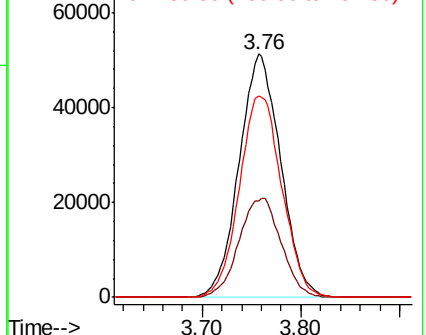
151 84.5 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.31 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

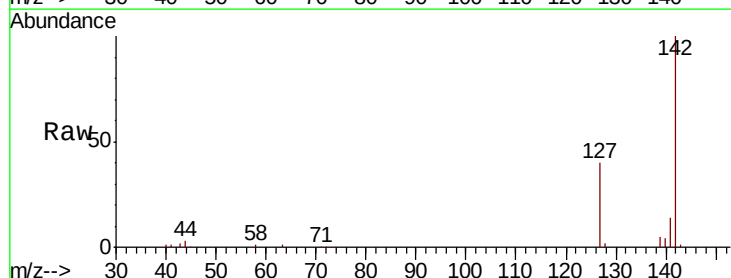
Tgt Ion:142 Resp: 113333

Ion Ratio Lower Upper

142 100

127 39.3 31.7 47.5

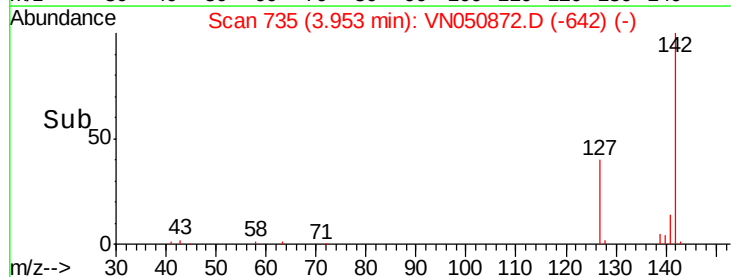
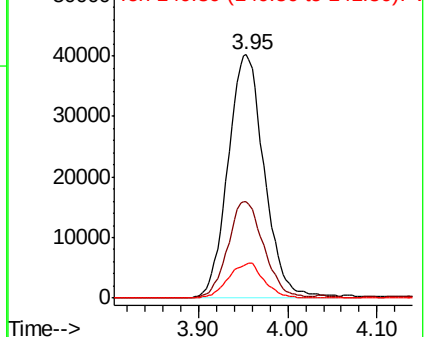
141 14.0 11.4 17.0

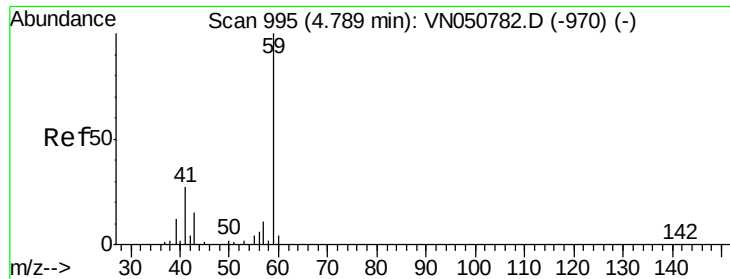


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

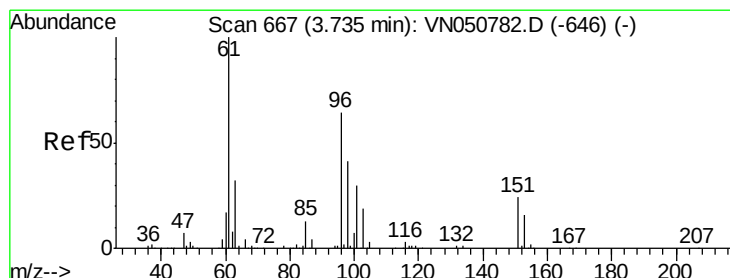
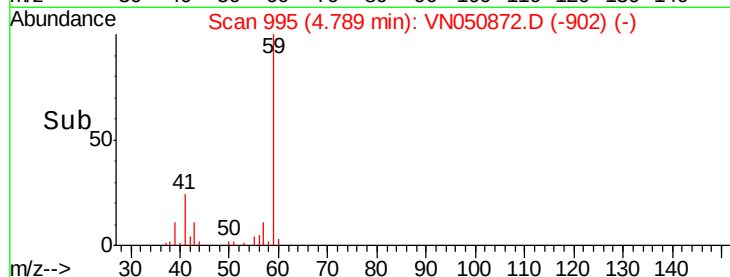
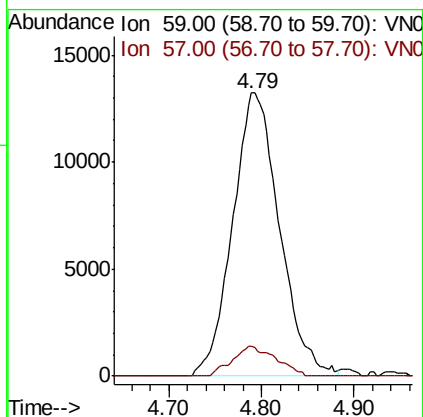
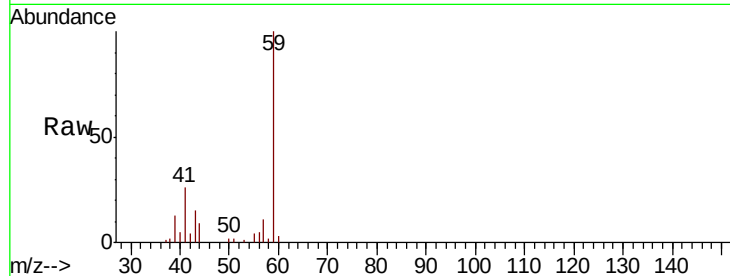




#11
Tert butyl alcohol
Concen: 93.90 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

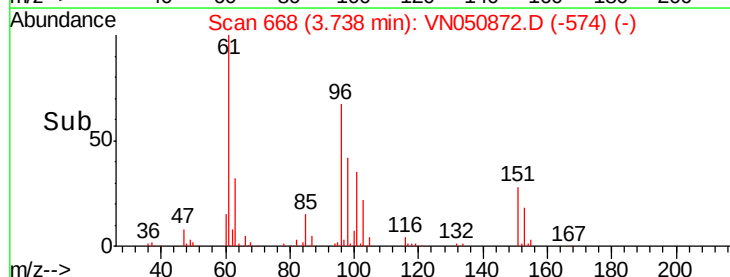
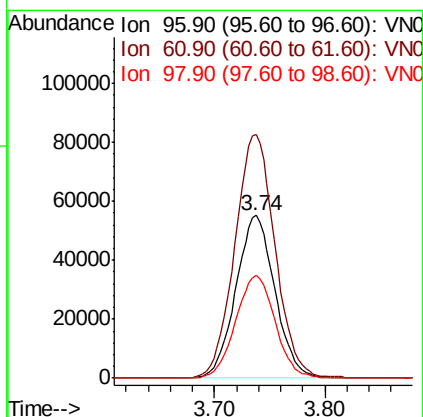
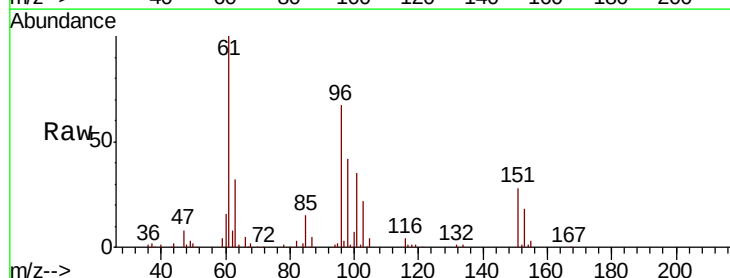
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

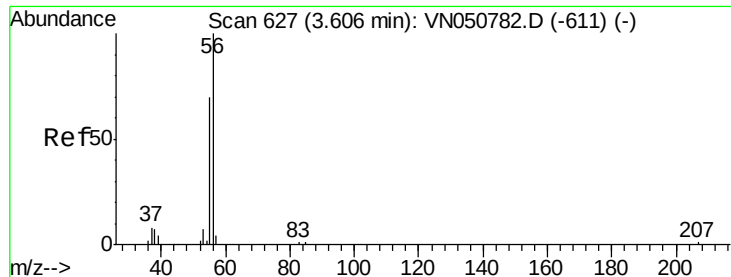
Tot Ion: 59 Resp: 46460
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.65 ug/l
RT: 3.74 min Scan# 668
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 96 Resp: 135221
Ion Ratio Lower Upper
96 100
61 149.9 124.9 187.3
98 63.0 51.1 76.7





#13

Acrolein

Concen: 85.55 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

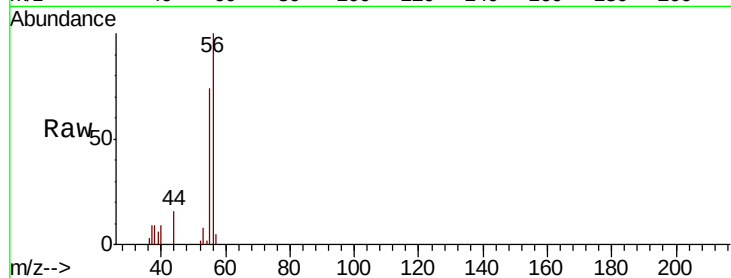
VN0824MBSD01

Tot Ion: 56 Resp: 21050

Ion Ratio Lower Upper

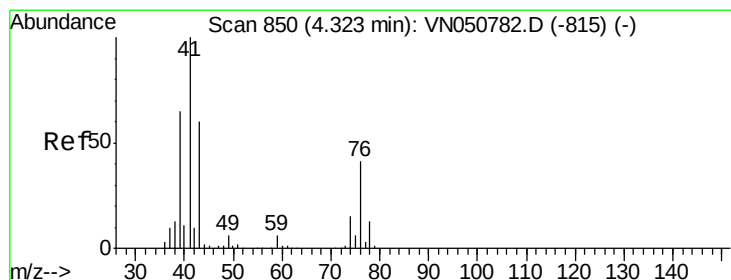
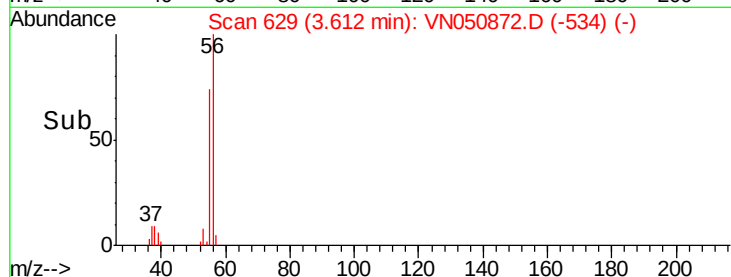
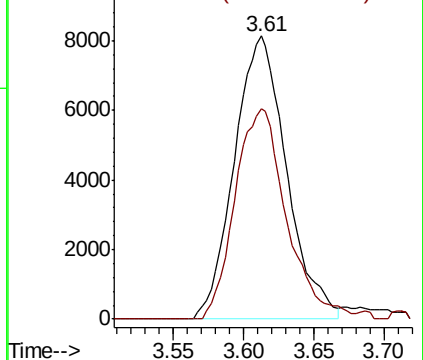
56 100

55 73.4 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.47 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

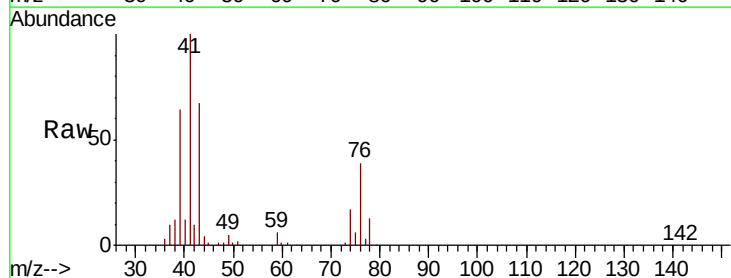
Tgt Ion: 41 Resp: 208640

Ion Ratio Lower Upper

41 100

39 62.5 50.2 75.2

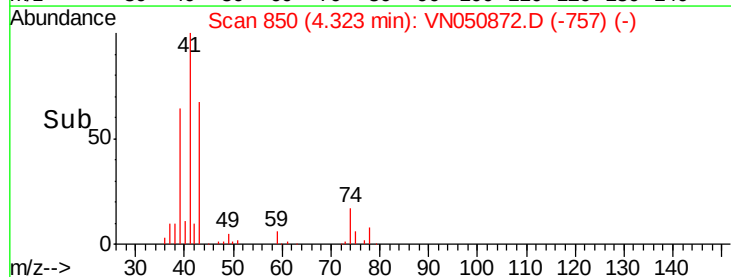
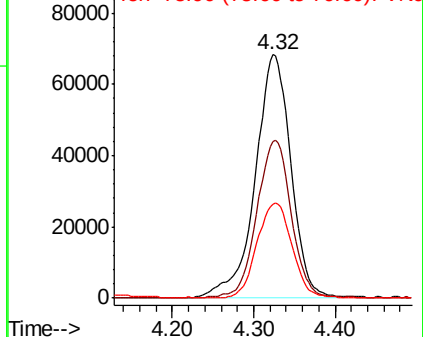
76 37.5 29.8 44.8

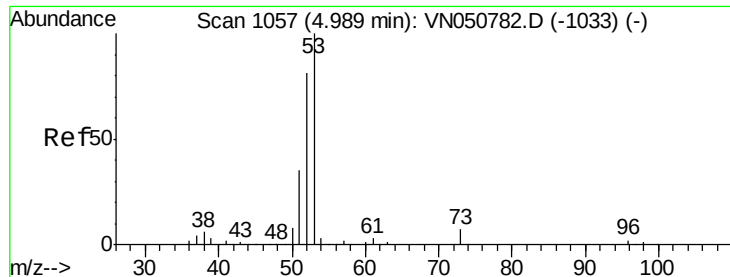


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 96.13 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

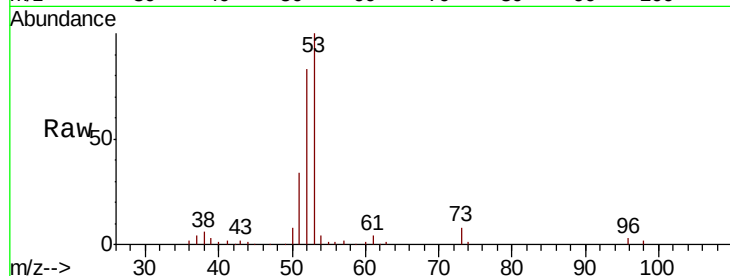
Tot Ion: 53 Resp: 241724

Ion Ratio Lower Upper

53 100

52 82.5 65.9 98.9

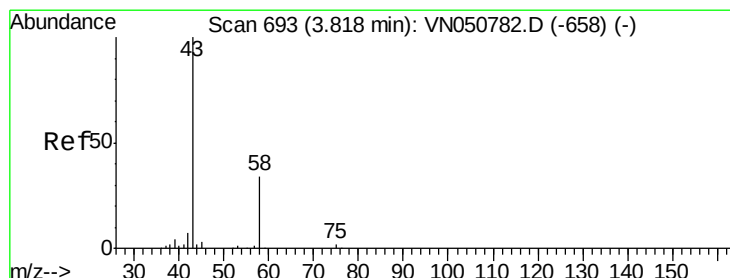
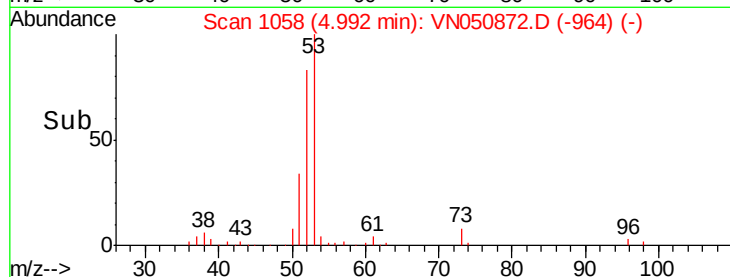
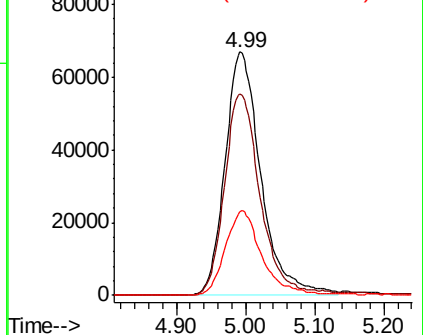
51 35.2 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 83.53 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050872.D

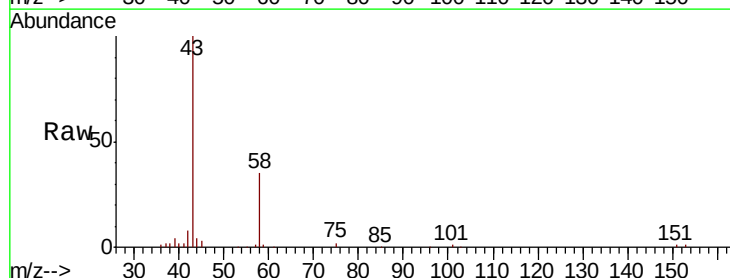
Acq: 24 Aug 2018 13:14

Tgt Ion: 43 Resp: 162352

Ion Ratio Lower Upper

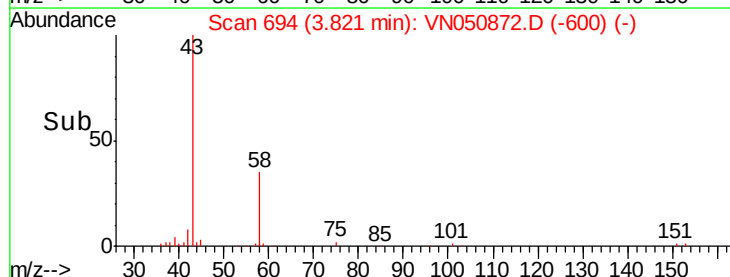
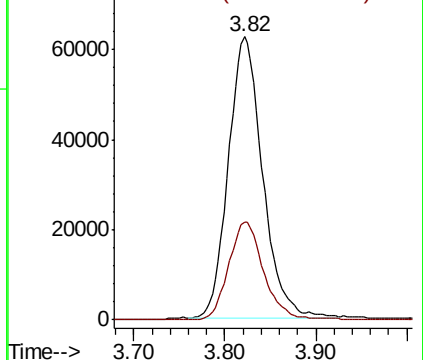
43 100

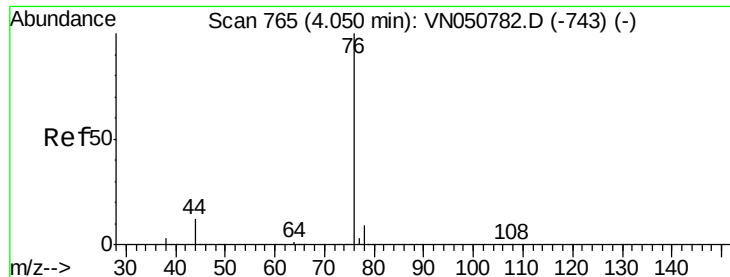
58 34.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.79 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

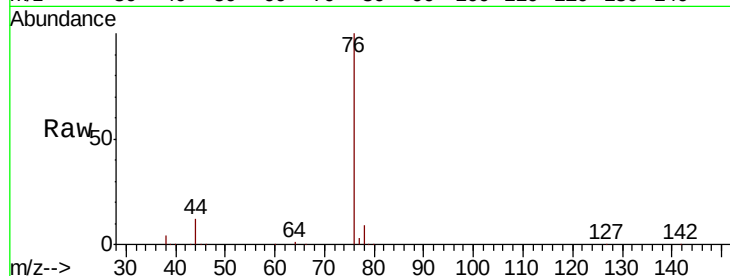
VN0824MBSD01

Tot Ion: 76 Resp: 407948

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

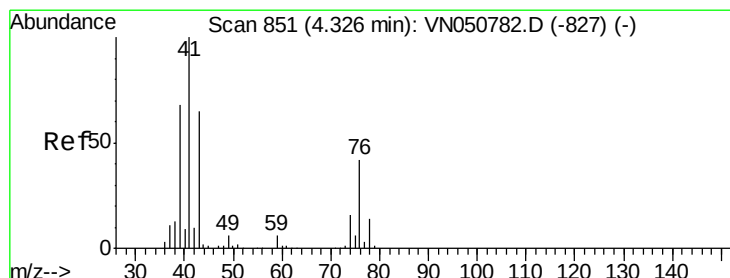
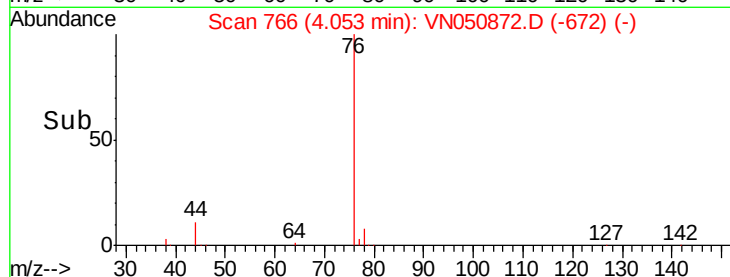
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.84 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050872.D

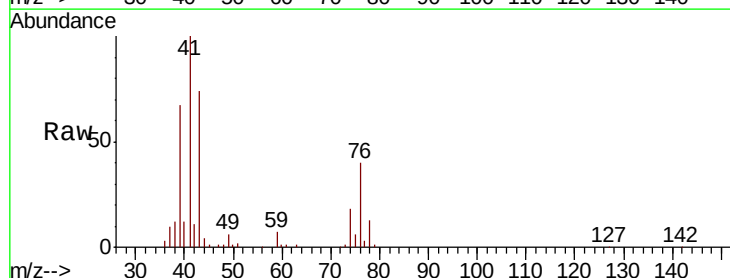
Acq: 24 Aug 2018 13:14

Tgt Ion: 43 Resp: 145590

Ion Ratio Lower Upper

43 100

74 23.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

50000

40000

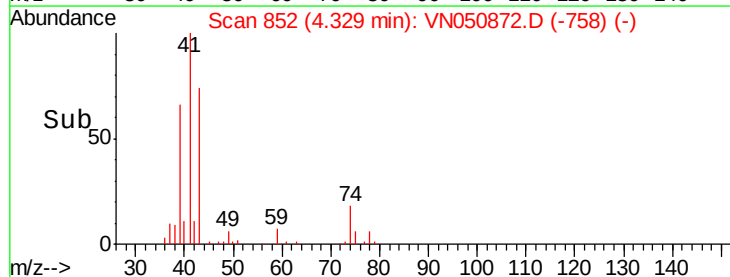
30000

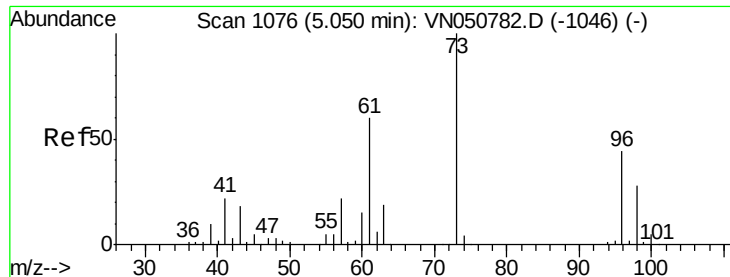
20000

10000

0

Time-->

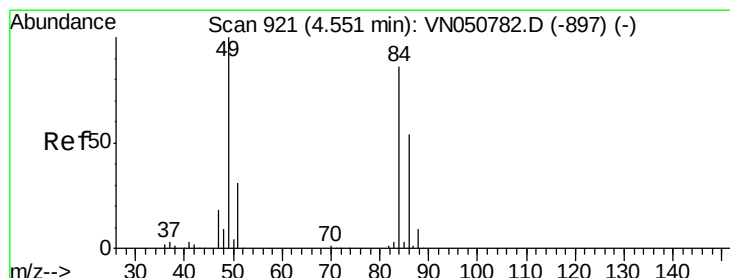
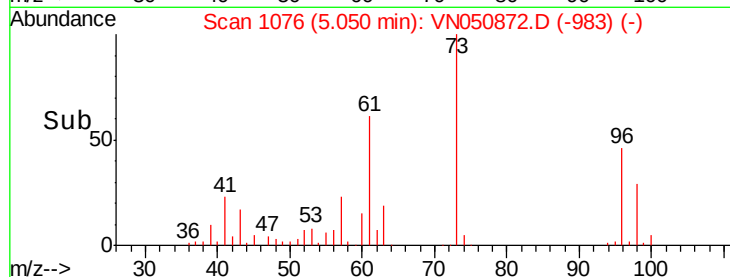
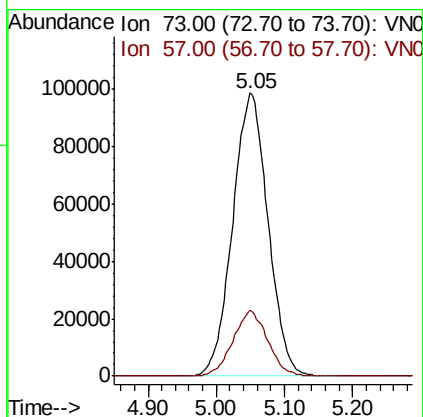
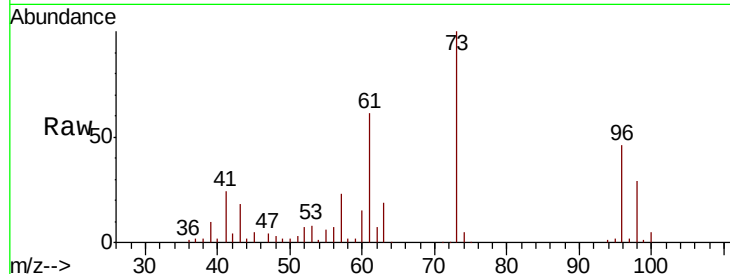




#19
Methvl tert-butvl Ether
Concen: 19.50 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

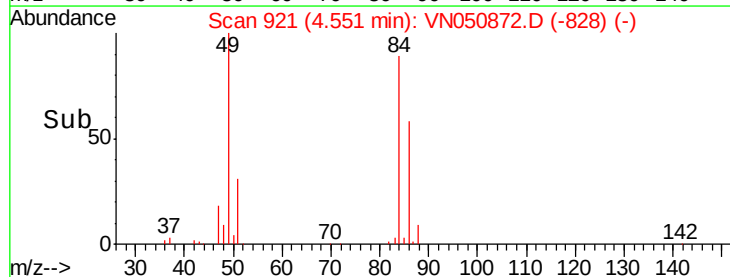
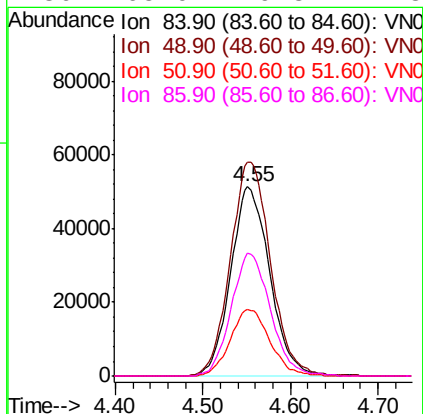
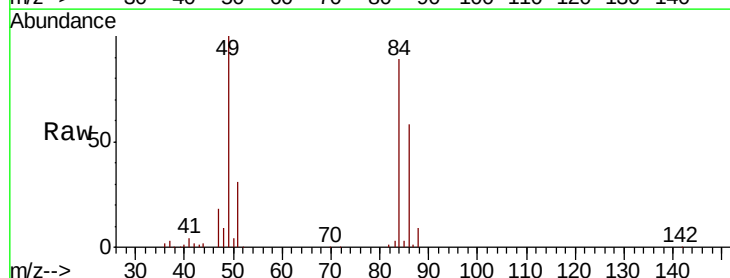
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

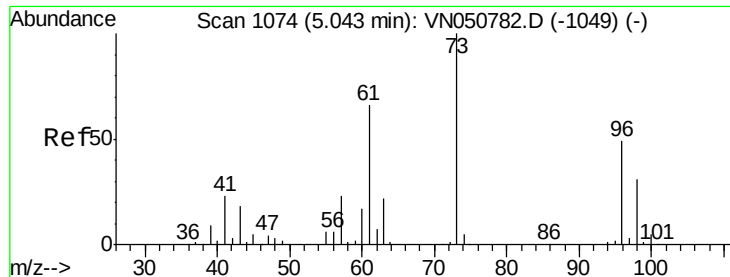
Tot Ion: 73 Resp: 355591
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.8



#20
Methylene Chloride
Concen: 18.22 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 84 Resp: 159533
Ion Ratio Lower Upper
84 100
49 112.8 93.2 139.8
51 34.9 29.0 43.6
86 65.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.46 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

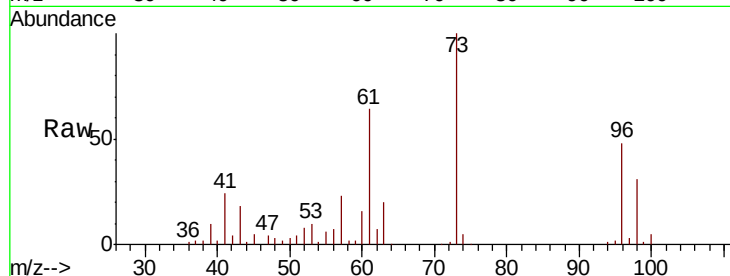
Tot Ion: 96 Resp: 144735

Ion Ratio Lower Upper

96 100

61 134.8 107.4 161.0

98 64.3 50.7 76.1

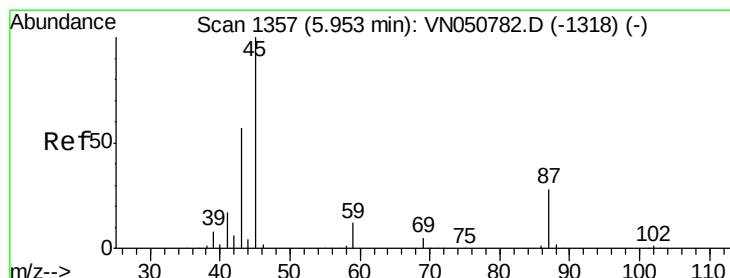
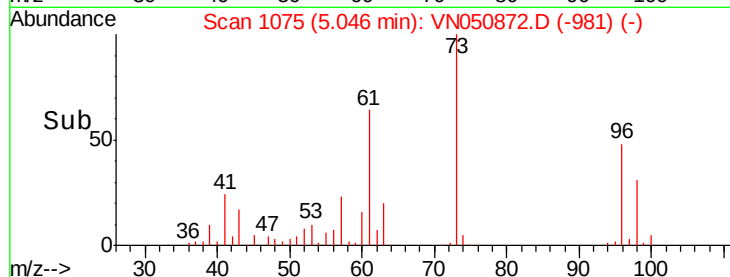
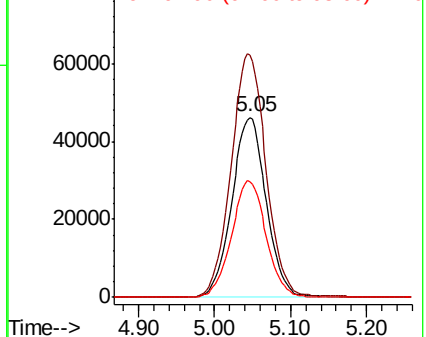


Abundance

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: 20.10 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion: 45 Resp: 452465

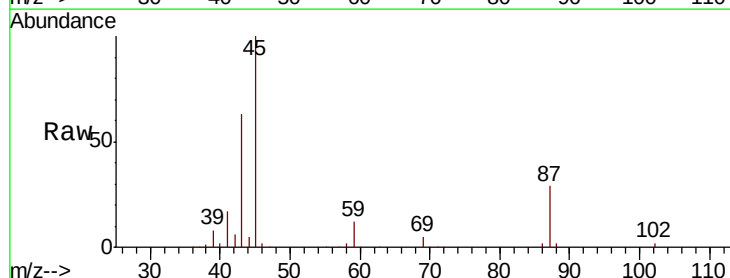
Ion Ratio Lower Upper

45 100

43 61.9 45.9 68.9

87 28.8 22.7 34.1

59 11.9 9.3 13.9



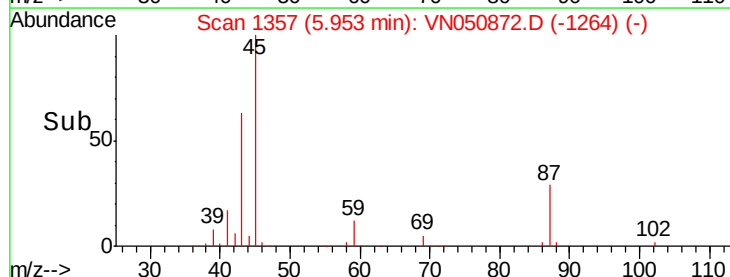
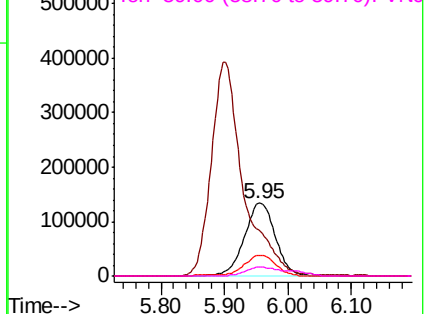
Abundance

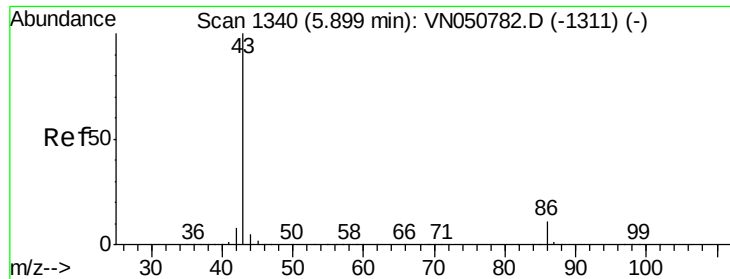
Ion 45.00 (44.70 to 45.70): VN0

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: 95.30 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

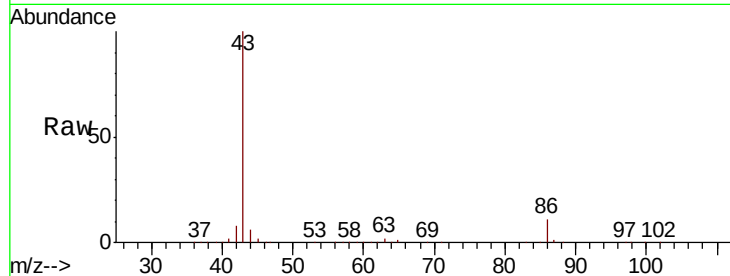
VN0824MBSD01

Tot Ion: 43 Resp: 1381581

Ion Ratio Lower Upper

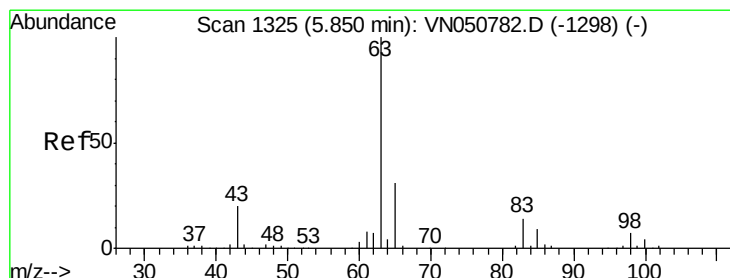
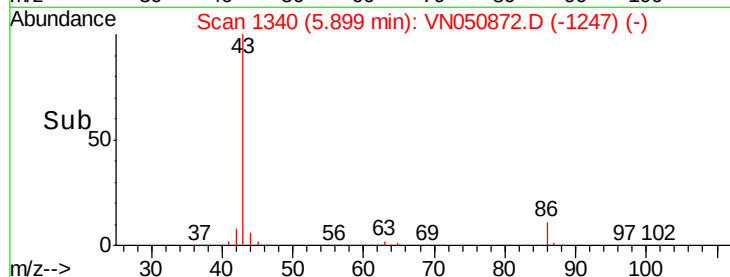
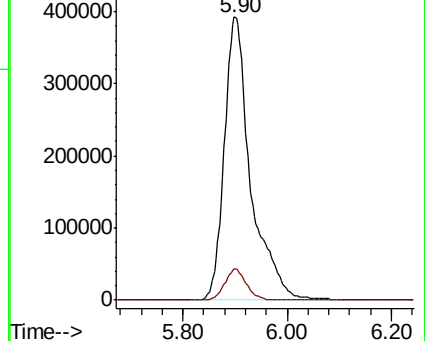
43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.04 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

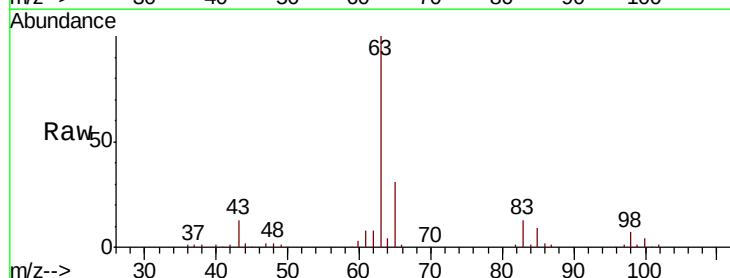
Tgt Ion: 63 Resp: 275119

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

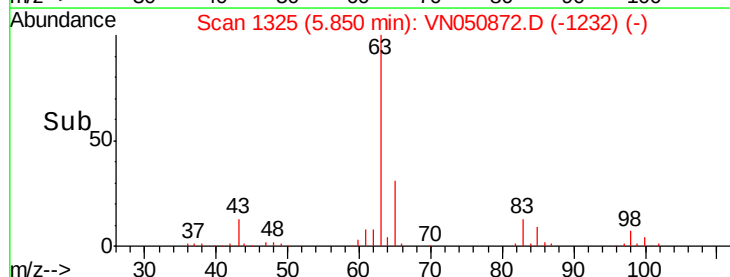
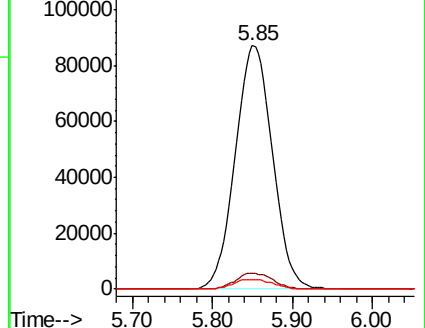
100 3.9 2.1 6.5

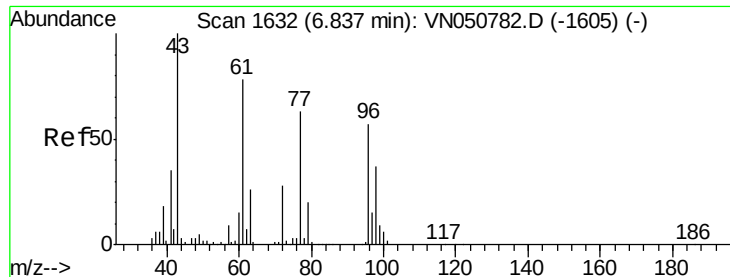


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 81.78 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

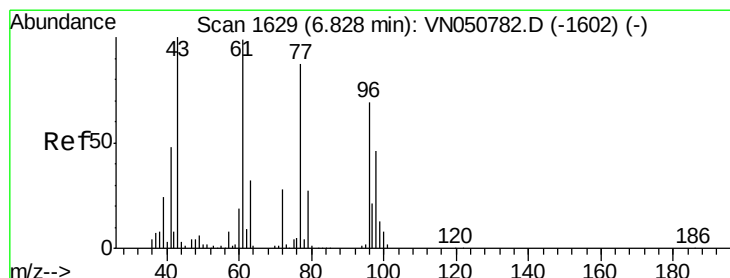
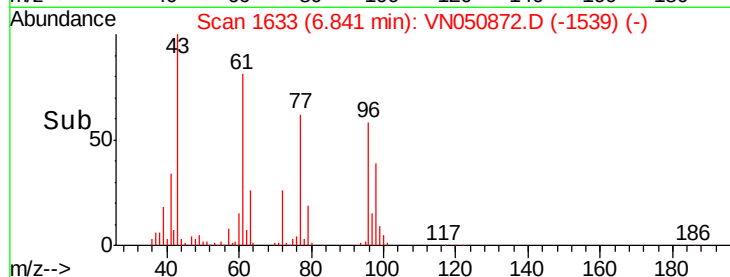
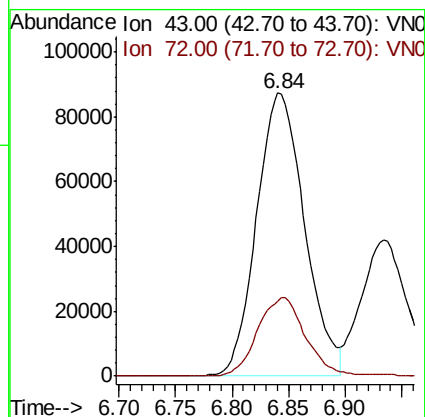
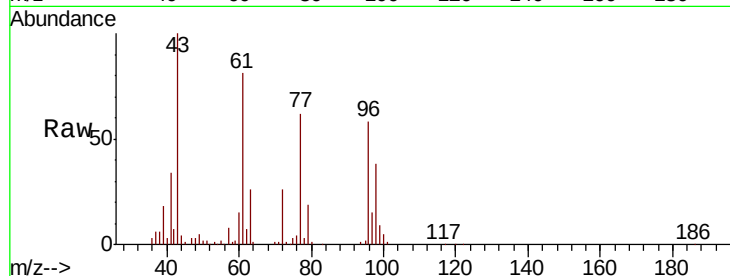
VN0824MBSD01

Tot Ion: 43 Resp: 256078

Ion Ratio Lower Upper

43 100

72 26.4 22.3 33.5



#26

2,2-Dichloropropane

Concen: 17.95 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050872.D

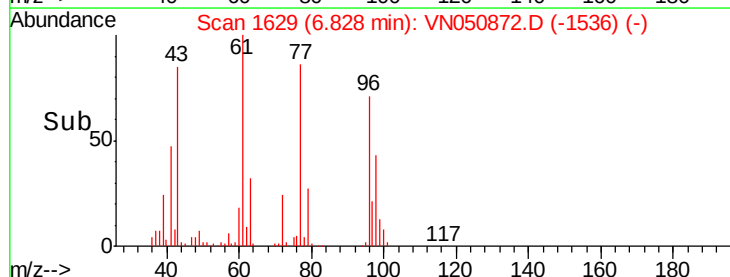
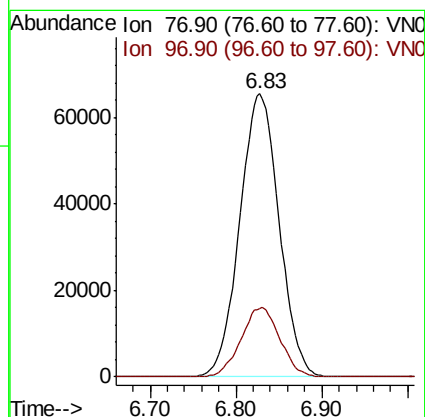
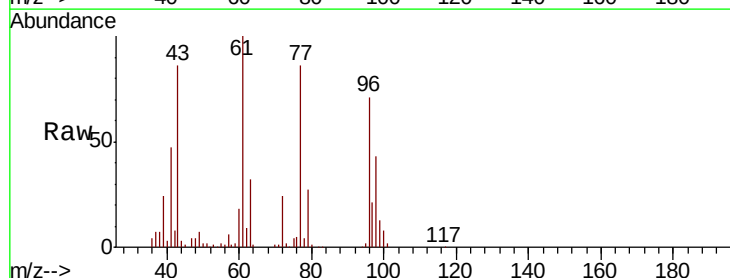
Acq: 24 Aug 2018 13:14

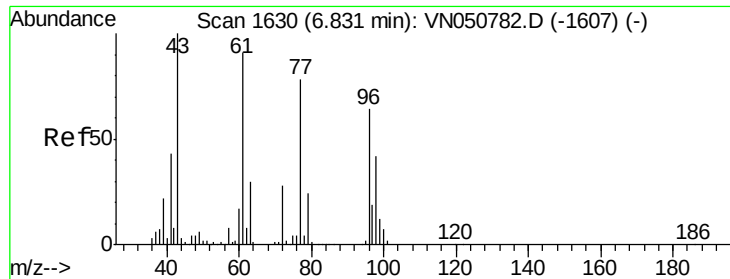
Tgt Ion: 77 Resp: 208401

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.29 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

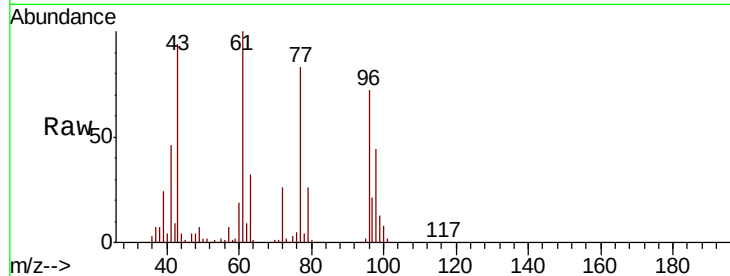
Tot Ion: 96 Resp: 163067

Ion Ratio Lower Upper

96 100

61 140.1 0.0 283.4

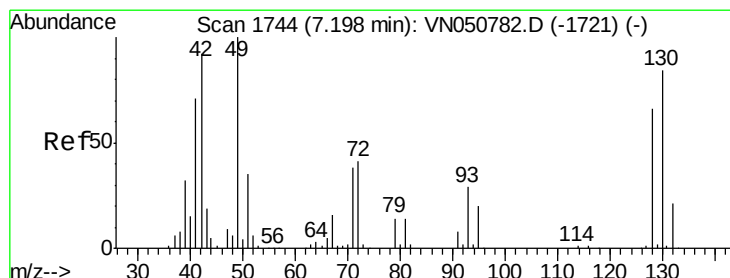
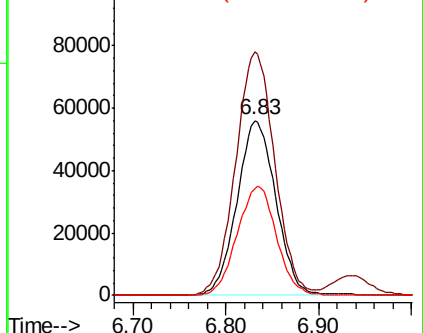
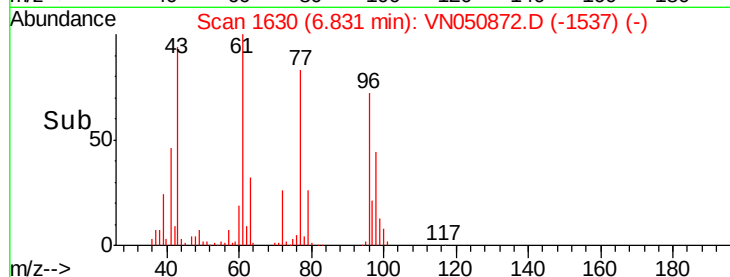
98 63.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 17.89 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

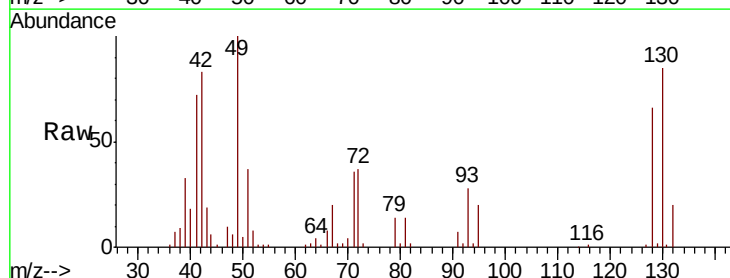
Tgt Ion: 49 Resp: 109893

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.2

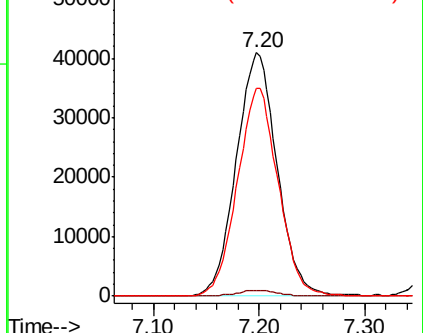
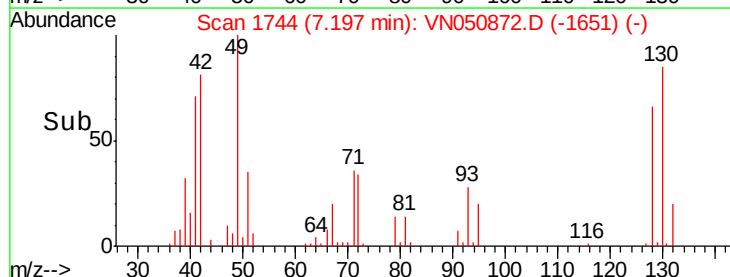
130 85.4 67.1 100.7

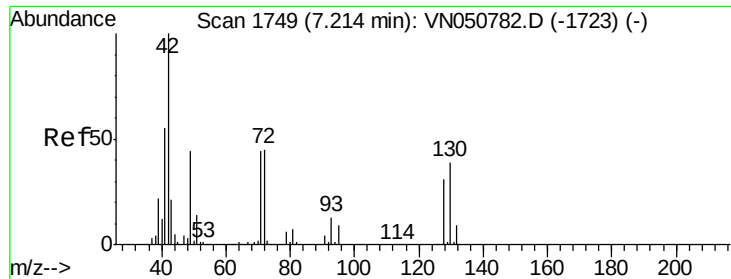


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

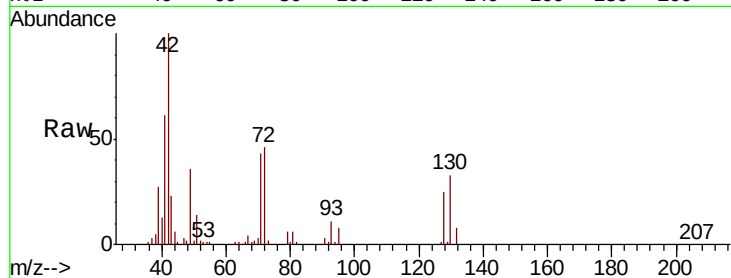




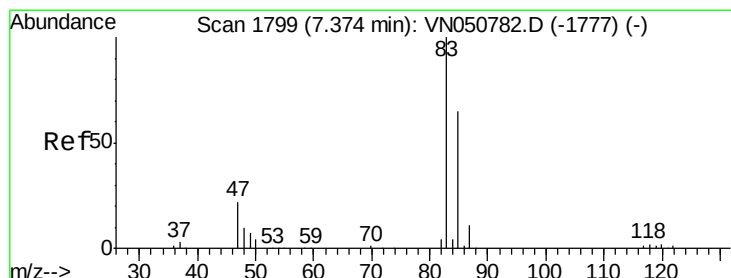
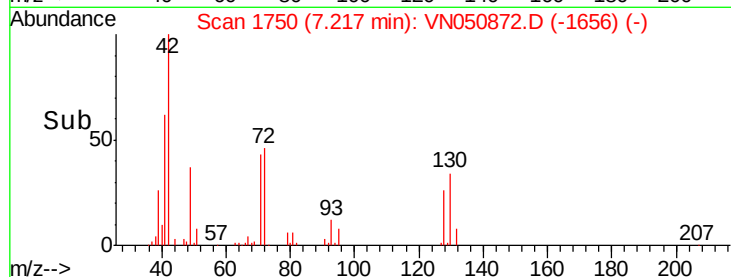
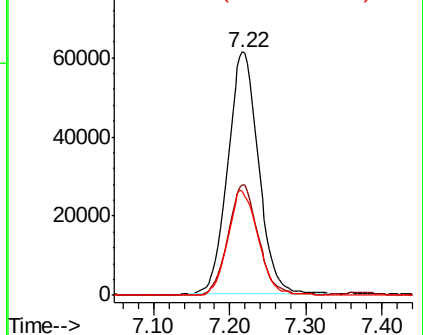
#29
Tetrahydrofuran
Concen: 95.76 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tot Ion: 42 Resp: 171923
Ion Ratio Lower Upper
42 100
72 45.0 35.5 53.3
71 42.7 33.7 50.5

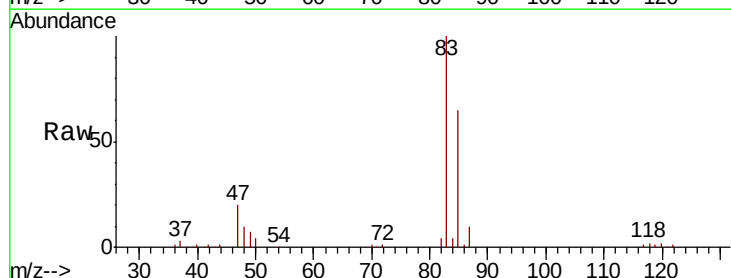


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

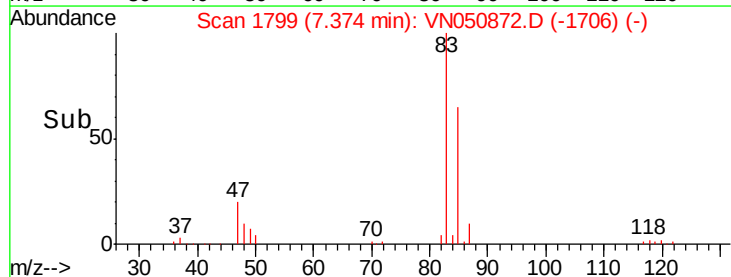
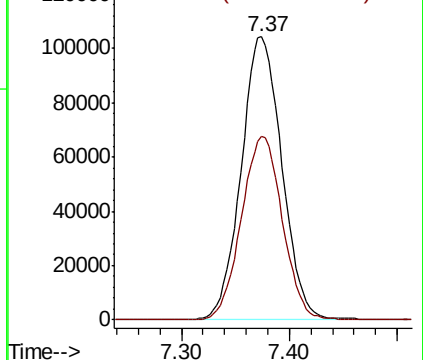


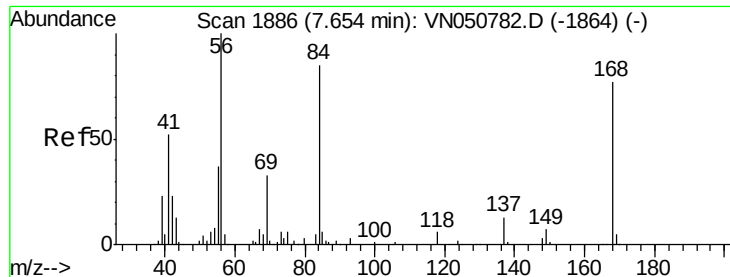
#30
Chloroform
Concen: 19.05 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 83 Resp: 272590
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4



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

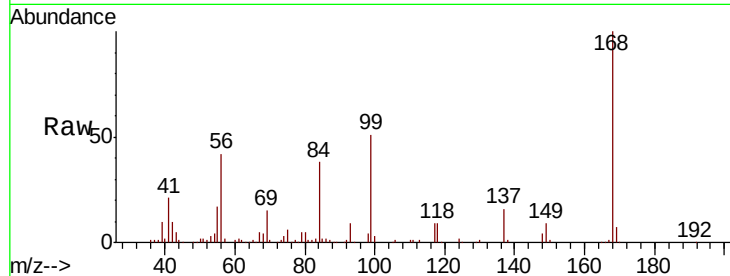




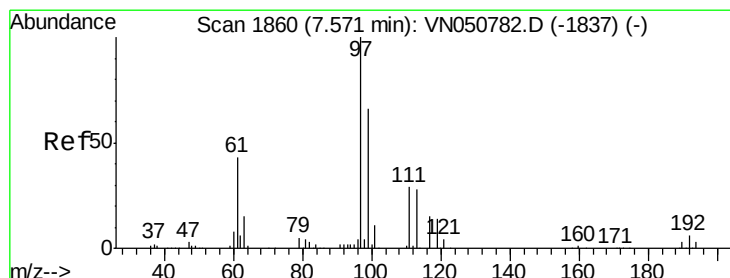
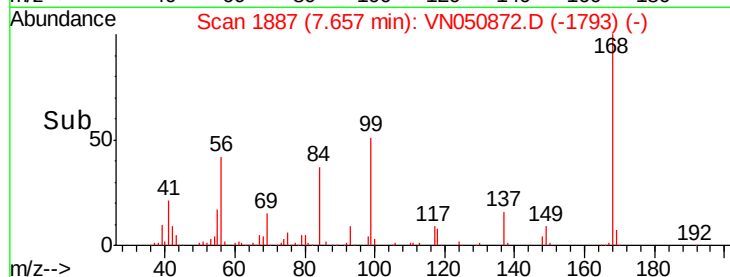
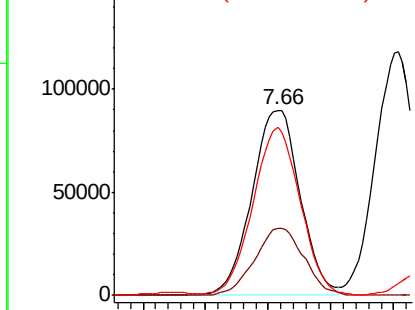
#31
Cyclohexane
Concen: 18.58 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tot Ion: 56 Resp: 240194
Ion Ratio Lower Upper
56 100
69 36.3 26.2 39.4
84 89.6 68.3 102.5

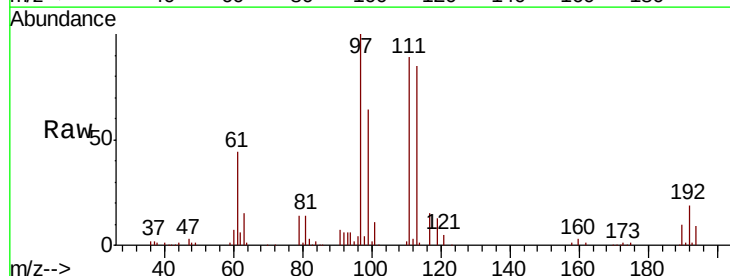


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

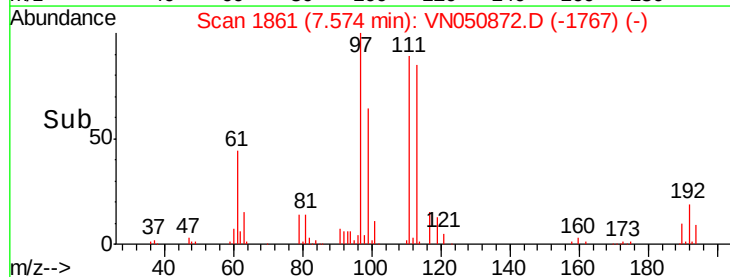
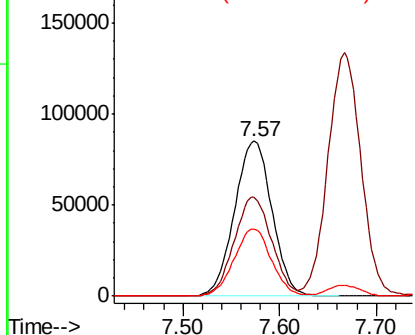


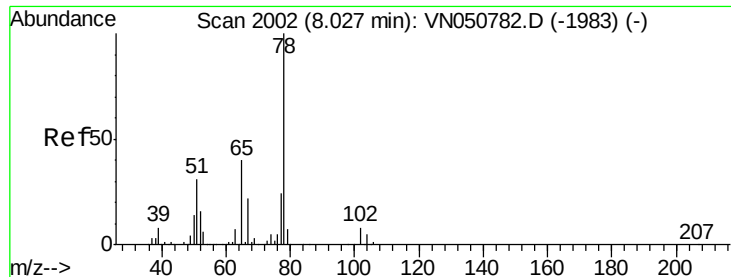
#32
1,1,1-Trichloroethane
Concen: 18.65 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 97 Resp: 229318
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.3 34.9 52.3



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

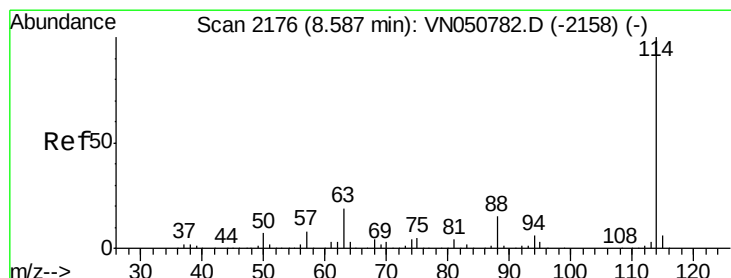
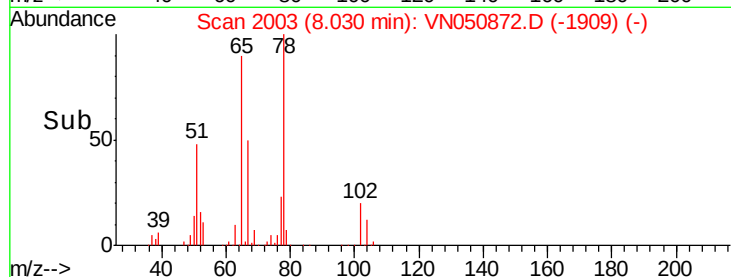
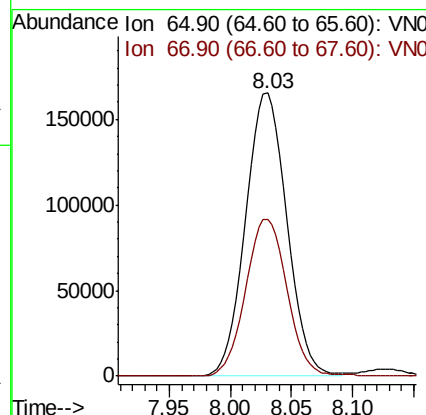
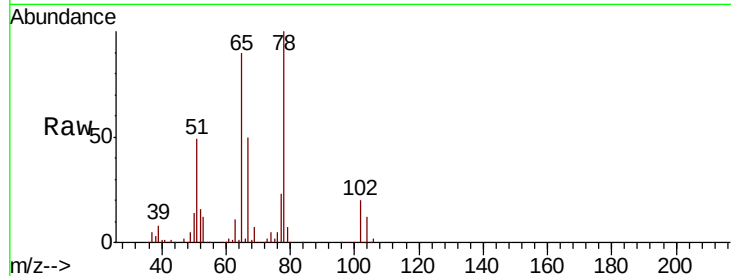




#33
 1,2-Dichloroethane-d4
 Concen: 49.87 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

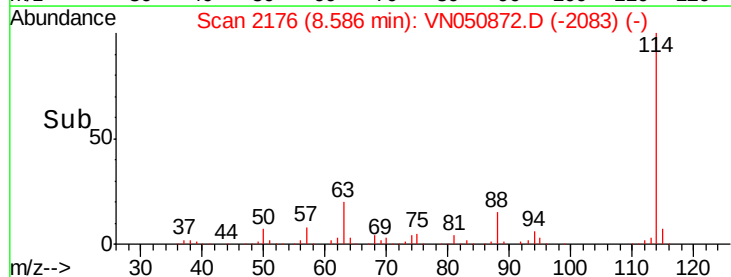
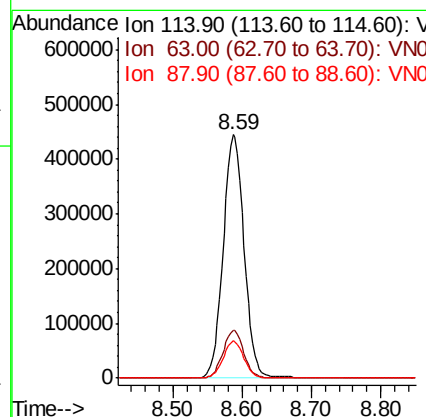
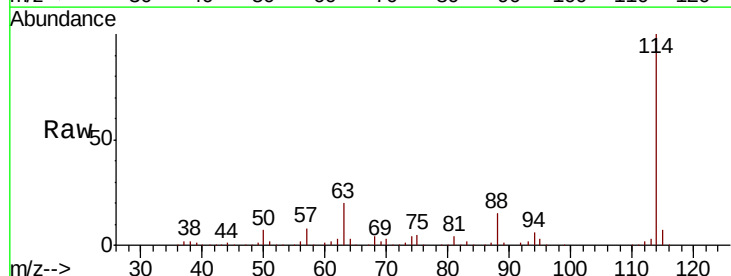
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

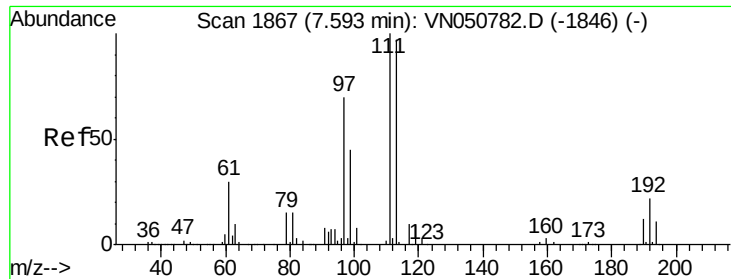
Tot Ion: 65 Resp: 387502
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 114 Resp: 931301
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.2 0.0 30.6

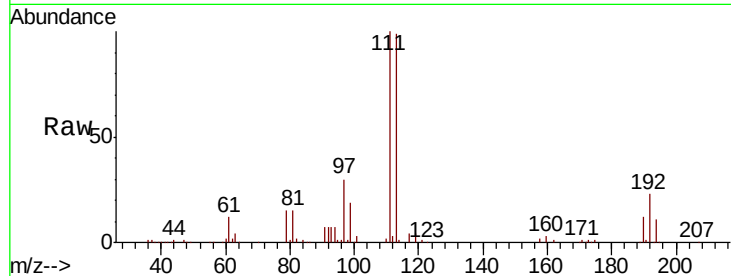




#35
 Dibromofluoromethane
 Concen: 49.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	22.6	18.0	27.0

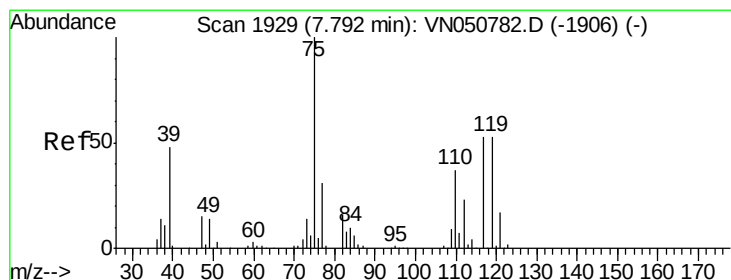
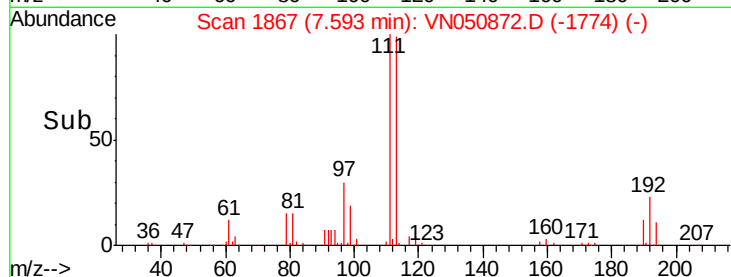
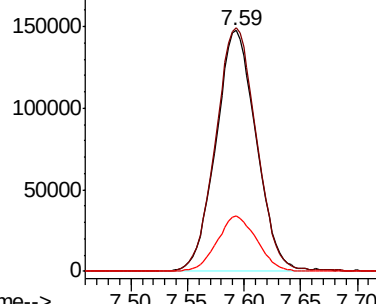


Abundance

Ion 112.80 (112.50 to 113.50): V

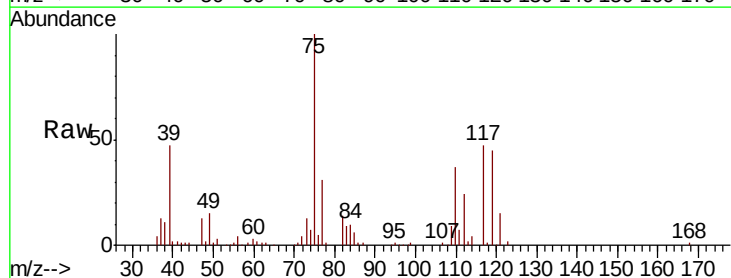
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.58 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.4
77	31.0	24.8	37.2

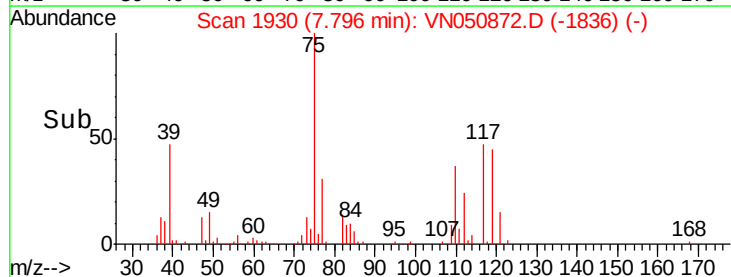
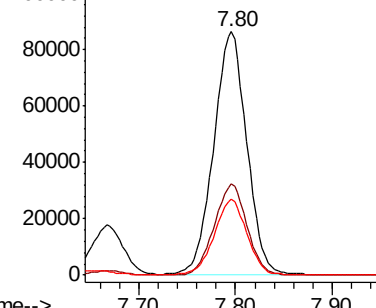


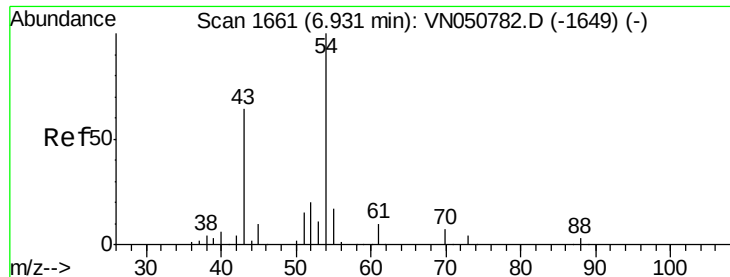
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

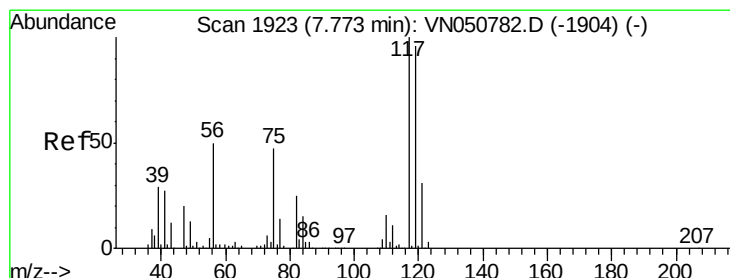
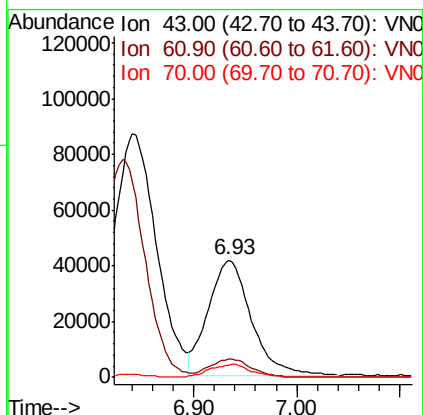
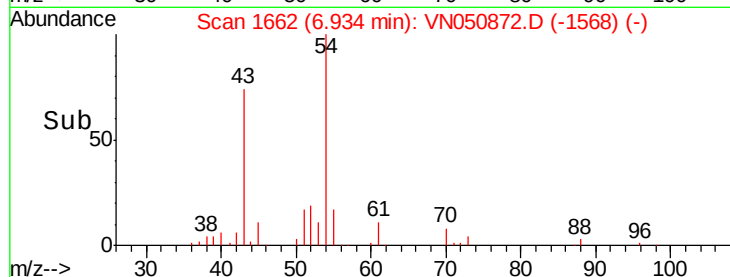
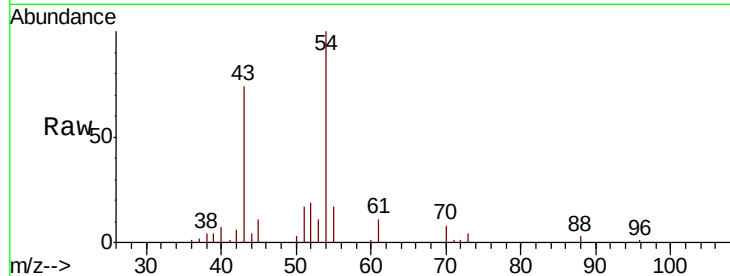




#37
Ethyl Acetate
Concen: 19.14 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

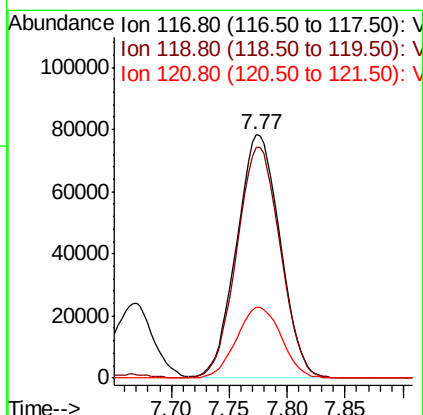
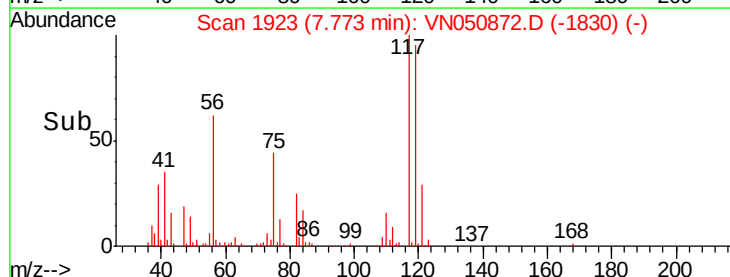
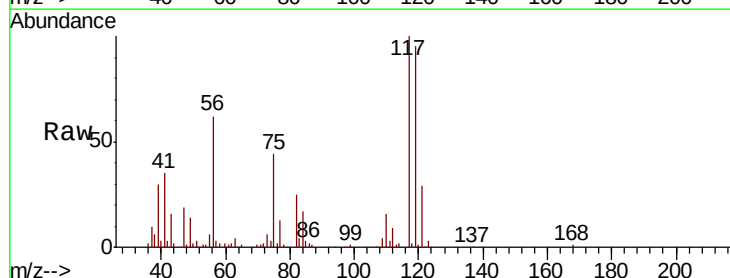
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

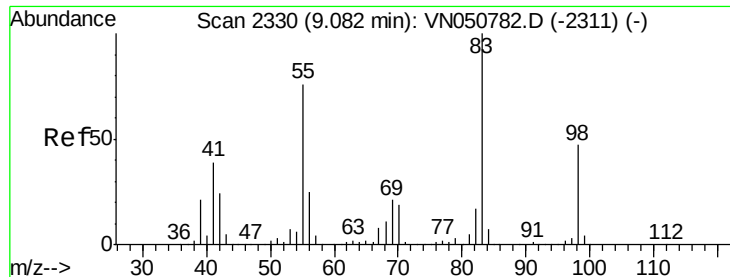
Tot Ion: 43 Resp: 120824
Ion Ratio Lower Upper
43 100
61 14.5 12.0 18.0
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.29 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 117 Resp: 203194
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
121 29.1 24.6 36.8

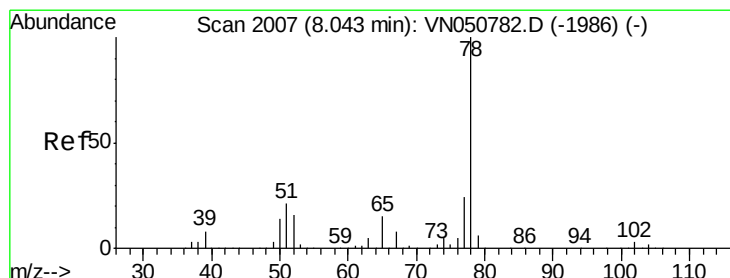
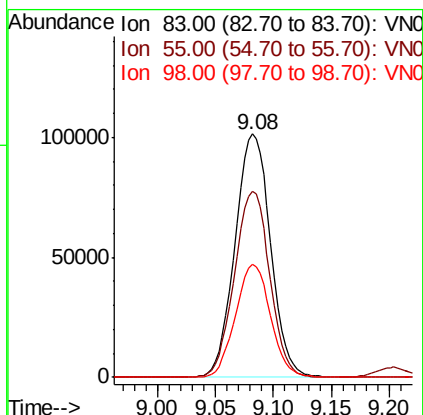
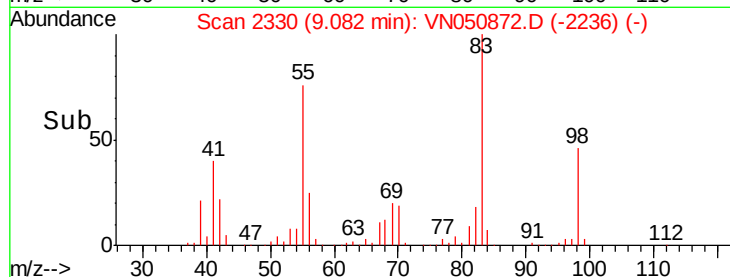
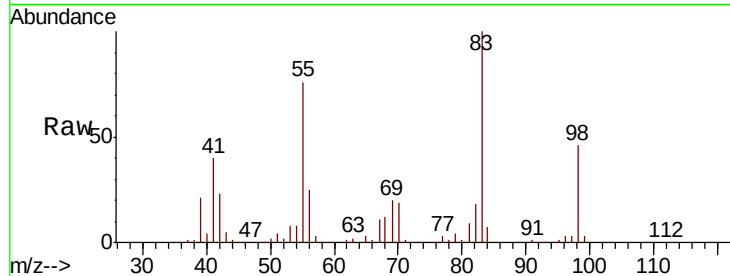




#39
Methylvlcyclohexane
Concen: 18.17 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

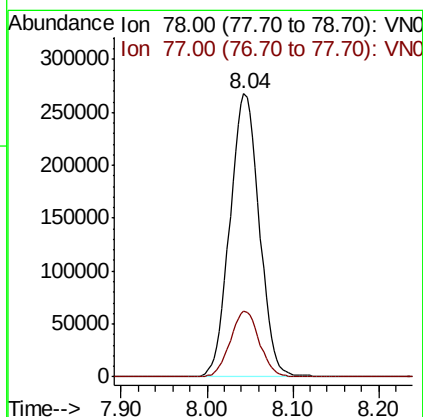
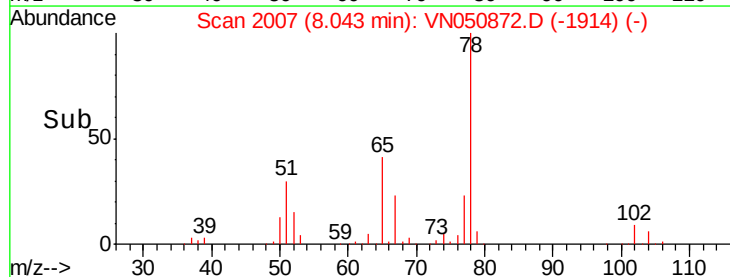
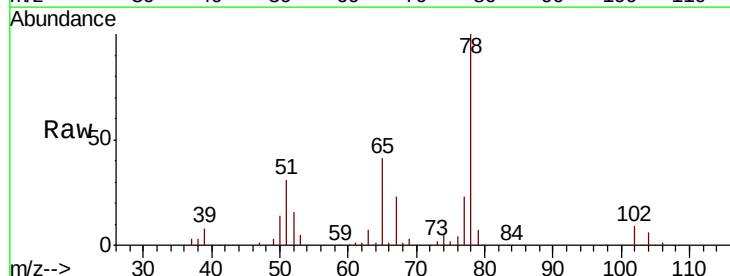
Instrument :
MSVOA_N
ClientSampled :
VN0824MBSD01

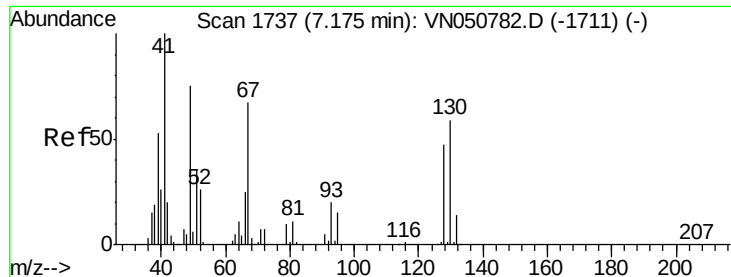
Tot Ion	83.00	Resp	215984
Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.0	91.4
98	46.3	37.5	56.3



#40
Benzene
Concen: 19.16 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion	78.00	Resp	635099
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4

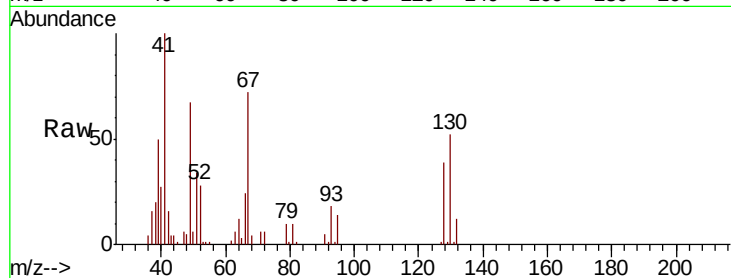




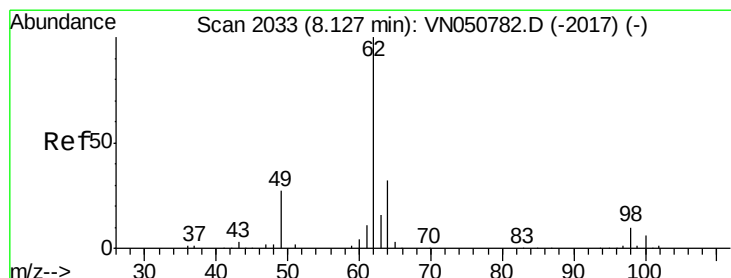
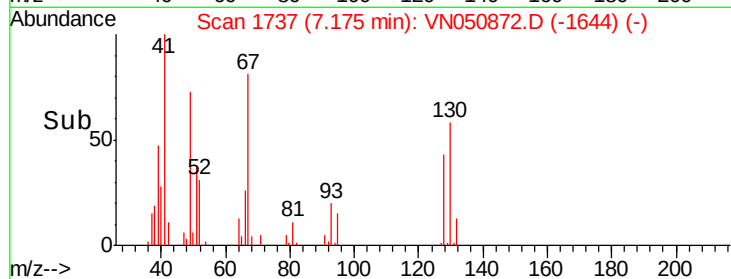
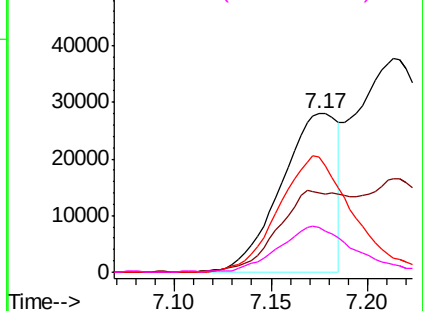
#41
Methacrylonitrile
Concen: 16.74 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tot Ion:	41	Resp:	57188
Ion	Ratio	Lower	Upper
41	100		
39	61.6	45.4	68.0
67	98.1	70.6	106.0
52	38.9	27.1	40.7

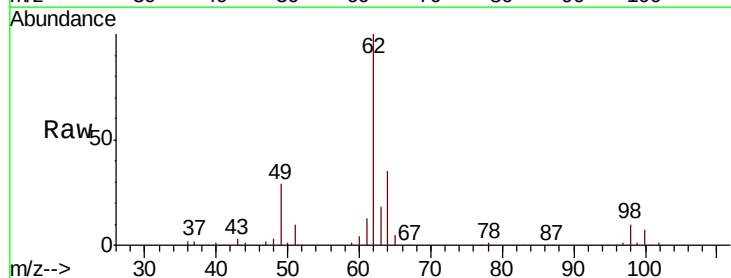


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

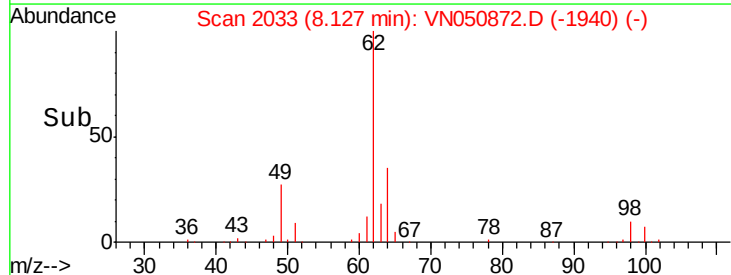
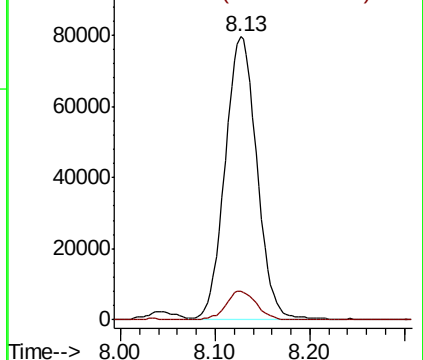


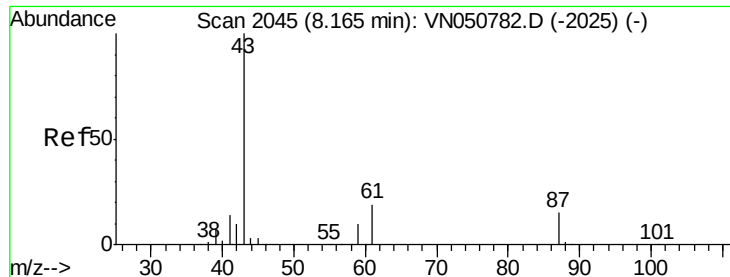
#42
1,2-Dichloroethane
Concen: 18.68 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:	62	Resp:	185101
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.65 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

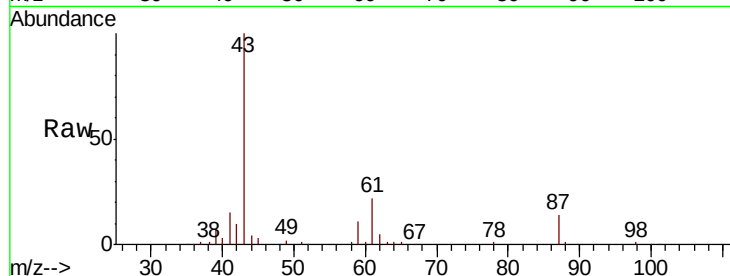
Tot Ion: 43 Resp: 213306

Ion Ratio Lower Upper

43 100

61 21.0 17.5 26.3

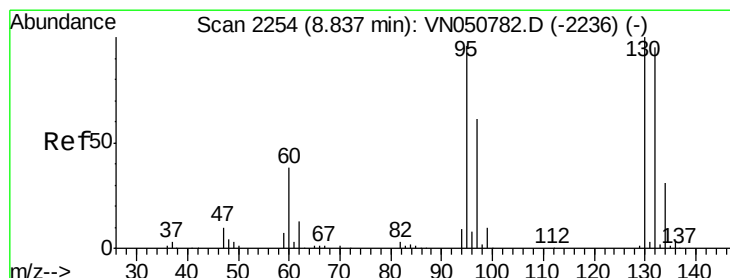
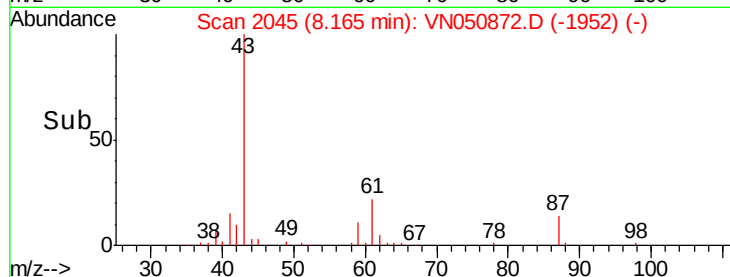
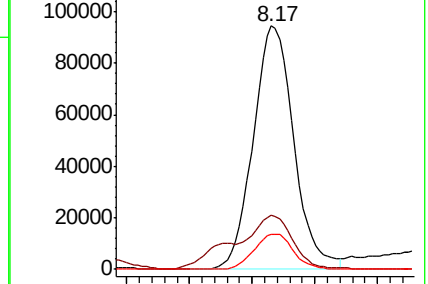
87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.61 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050872.D

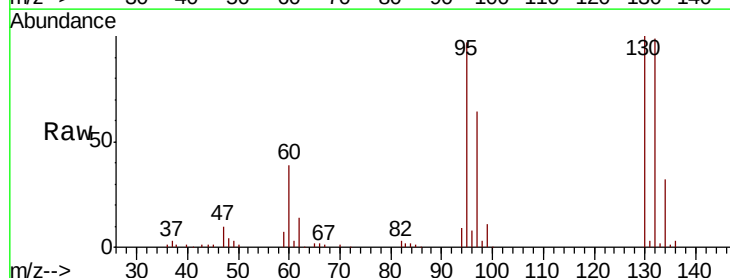
Acq: 24 Aug 2018 13:14

Tgt Ion:130 Resp: 162686

Ion Ratio Lower Upper

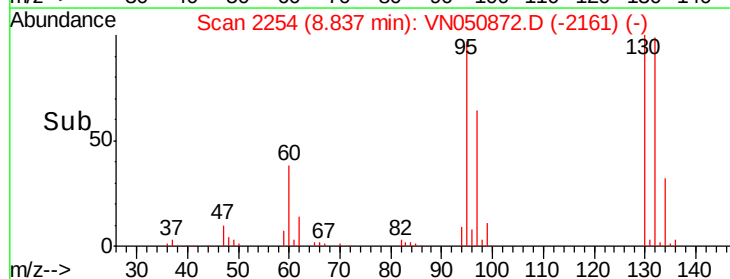
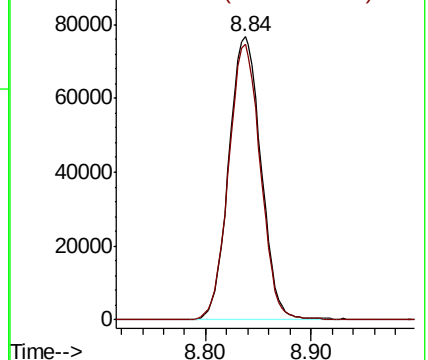
130 100

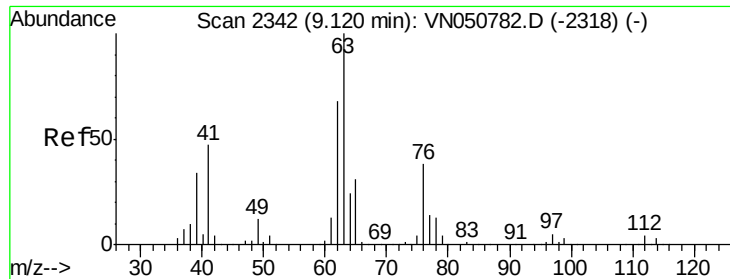
95 97.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

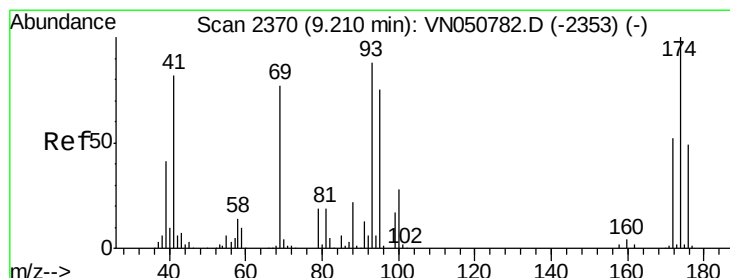
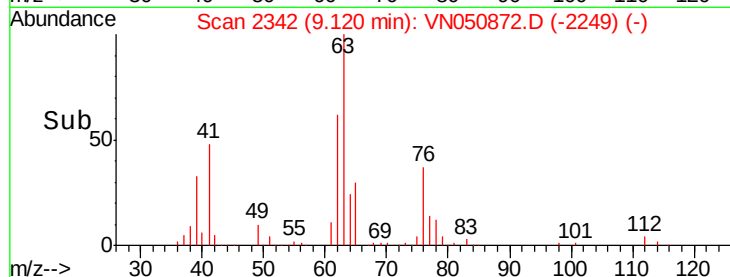
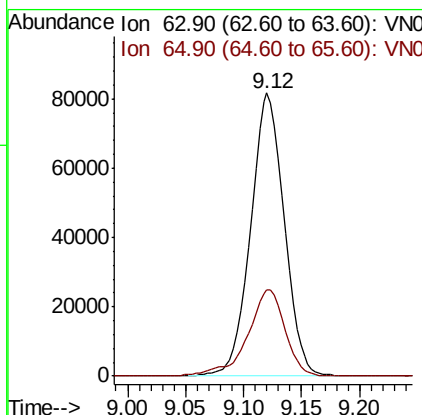
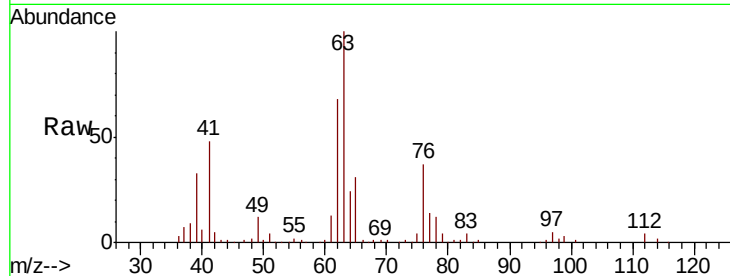




#45
 1,2-Dichloropropane
 Concen: 18.94 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

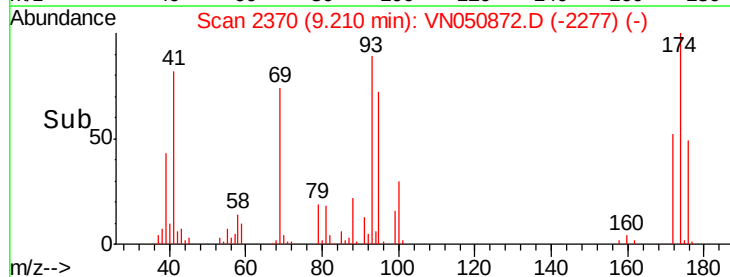
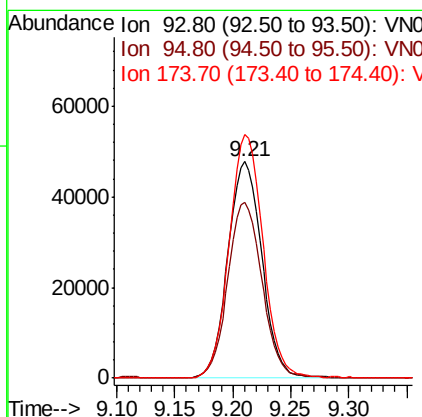
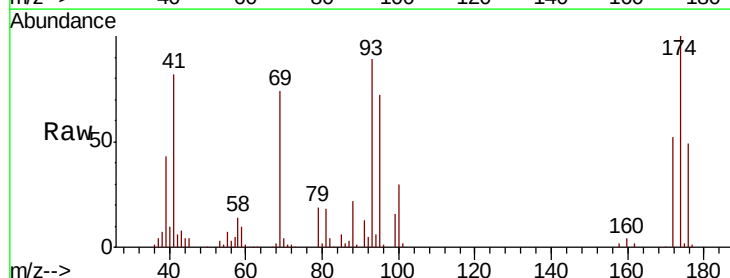
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

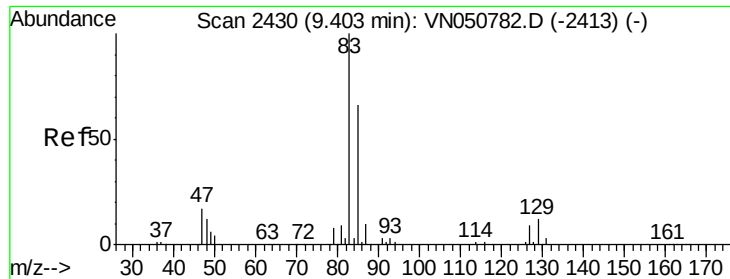
Tot Ion: 63 Resp: 164965
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 19.10 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 93 Resp: 97733
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.7 100.1
 174 111.4 89.8 134.6





#47

Bromodichloromethane

Concen: 18.91 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

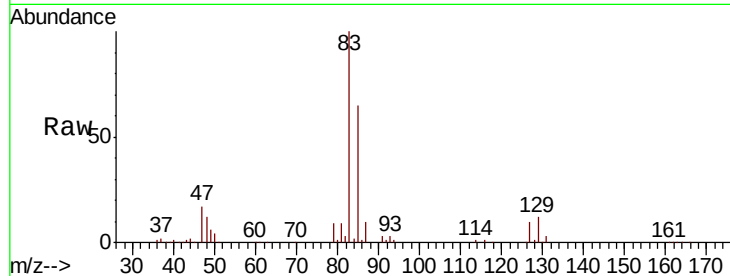
Tot Ion: 83 Resp: 202661

Ion Ratio Lower Upper

83 100

85 64.6 52.6 78.8

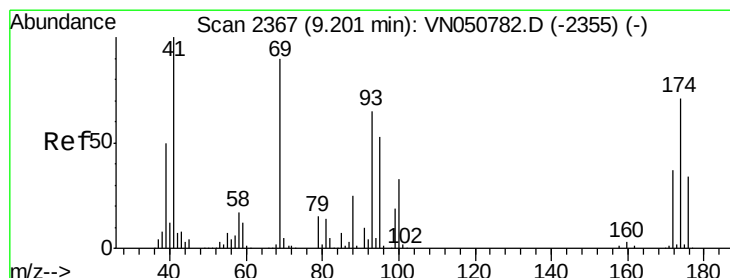
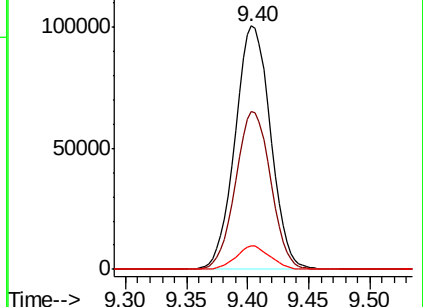
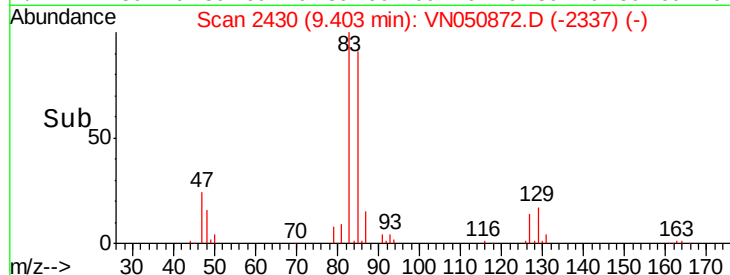
127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.53 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

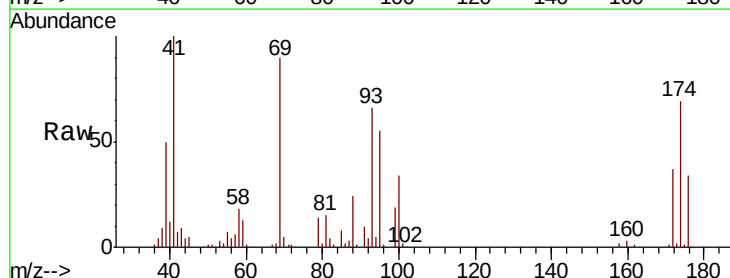
Tgt Ion: 41 Resp: 102507

Ion Ratio Lower Upper

41 100

69 96.0 74.7 112.1

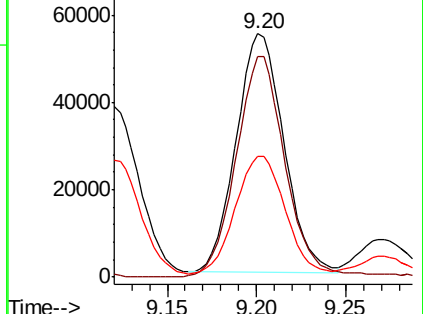
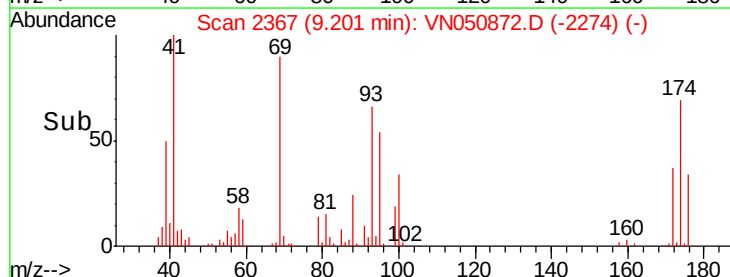
39 53.5 42.2 63.2

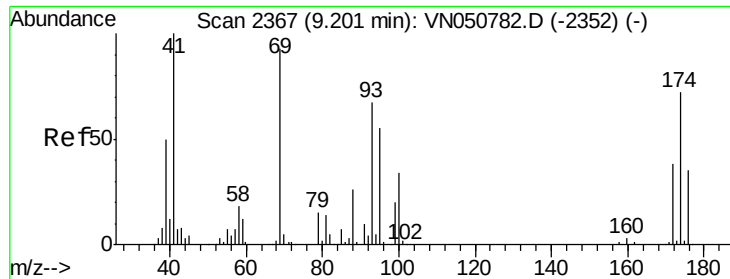


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 387.50 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

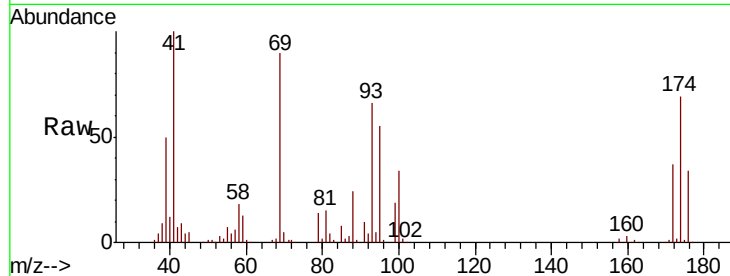
Tot Ion: 88 Resp: 29221

Ion Ratio Lower Upper

88 100

43 32.3 25.9 38.9

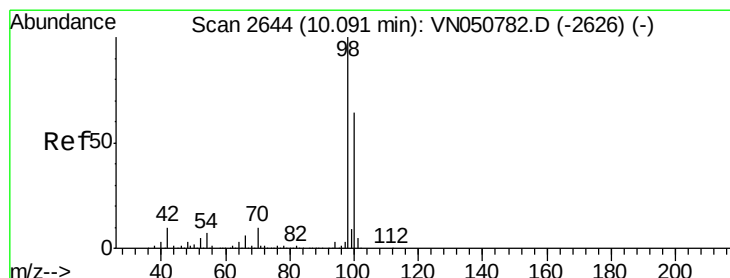
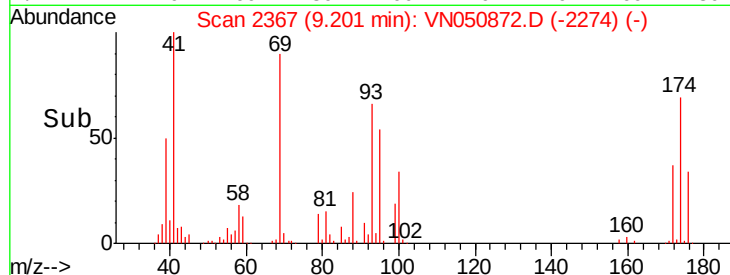
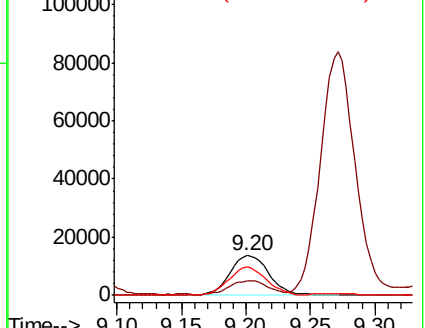
58 68.8 55.0 82.4



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: 50.10 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050872.D

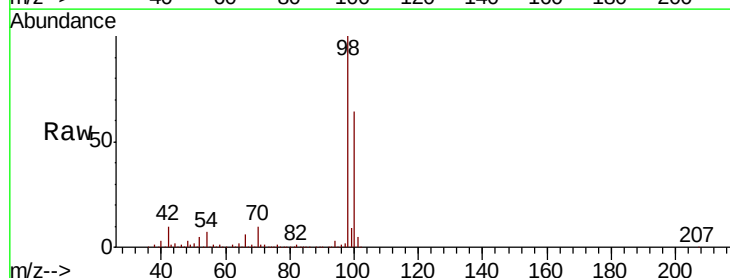
Acq: 24 Aug 2018 13:14

Tgt Ion: 98 Resp: 1387813

Ion Ratio Lower Upper

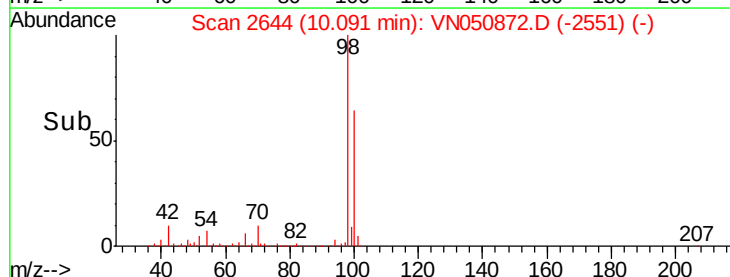
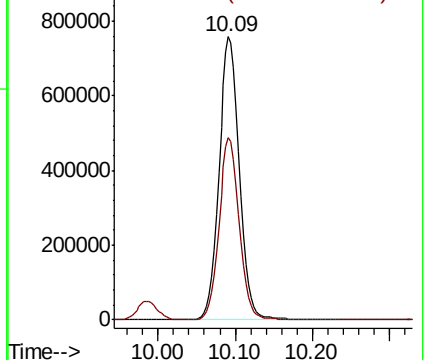
98 100

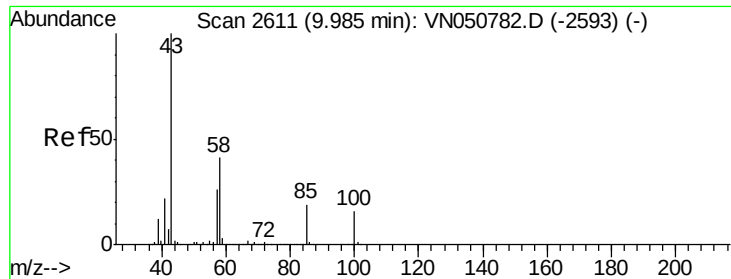
100 63.8 51.5 77.3



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: 92.13 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampled :

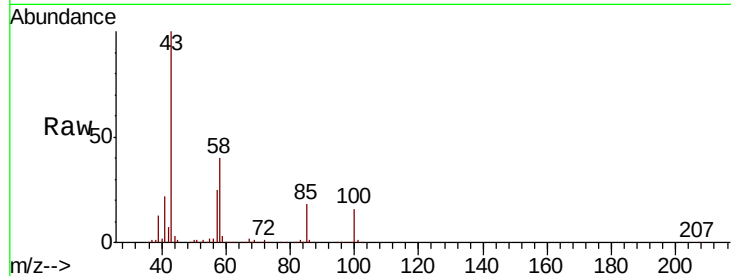
VN0824MBSD01

Tot Ion: 43 Resp: 596732

Ion Ratio Lower Upper

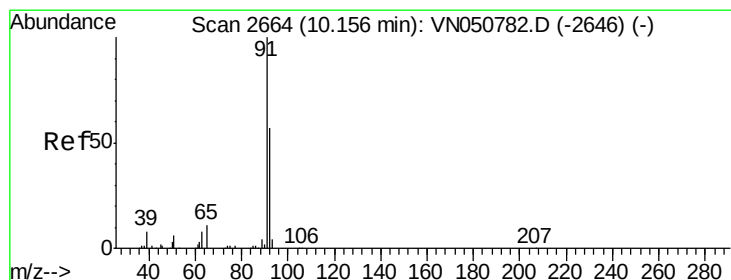
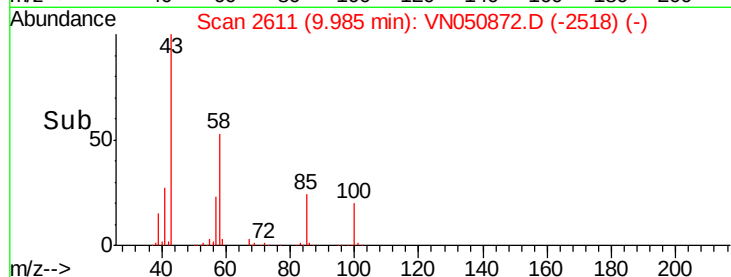
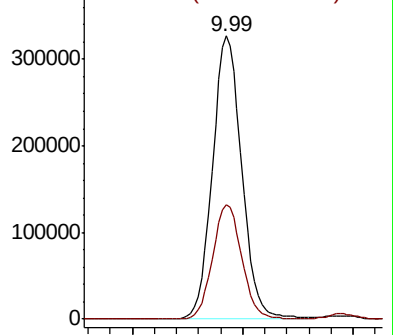
43 100

58 40.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.43 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050872.D

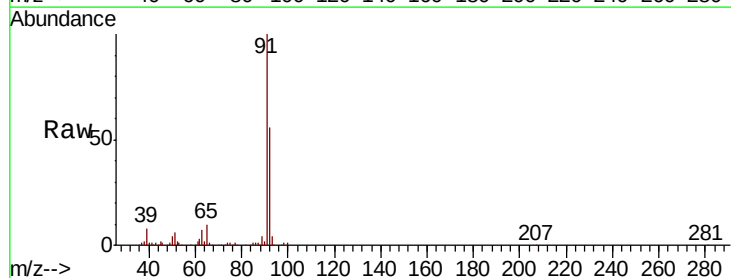
Acq: 24 Aug 2018 13:14

Tgt Ion: 92 Resp: 381521

Ion Ratio Lower Upper

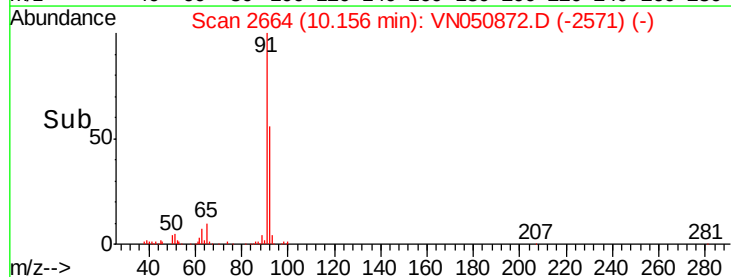
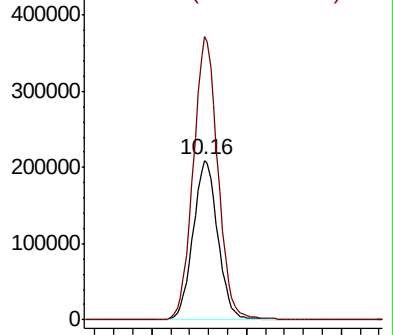
92 100

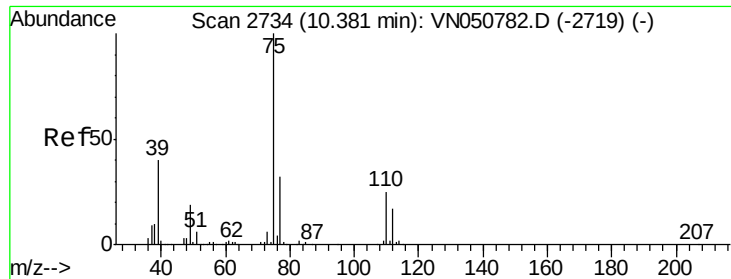
91 176.5 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.23 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

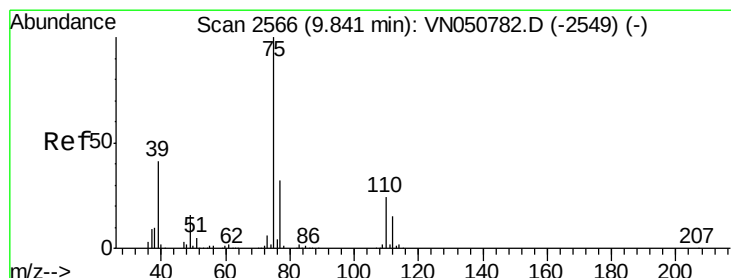
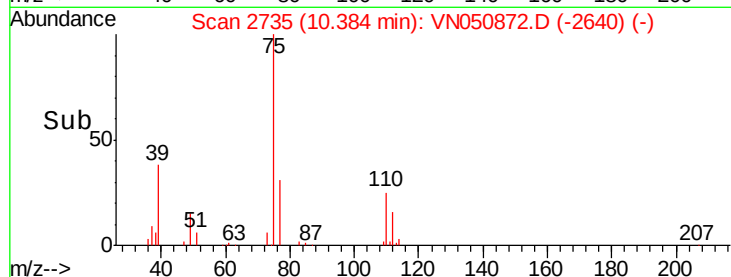
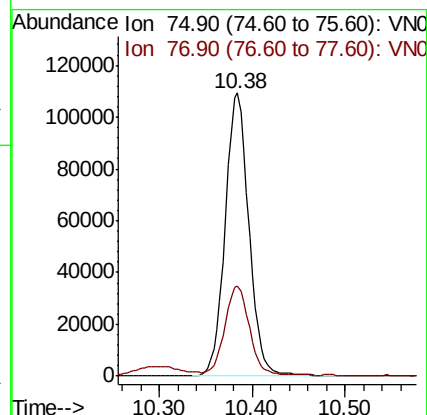
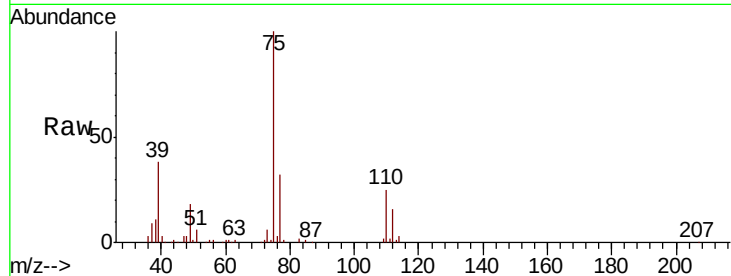
VN0824MBSD01

Tot Ion: 75 Resp: 194489

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.60 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

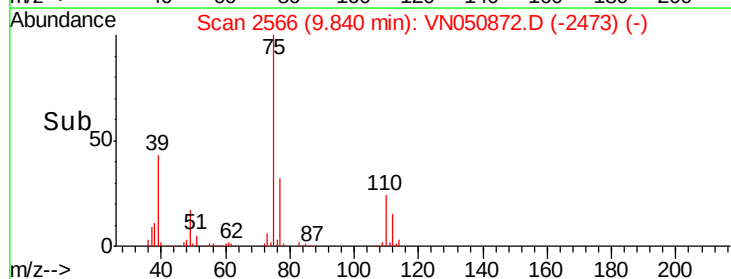
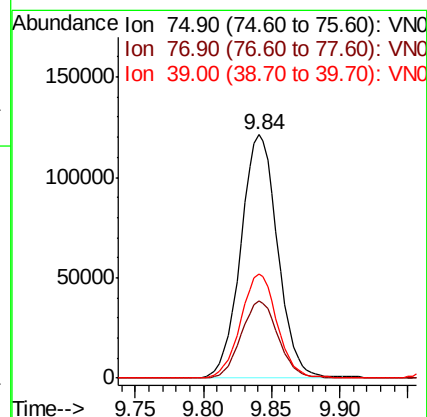
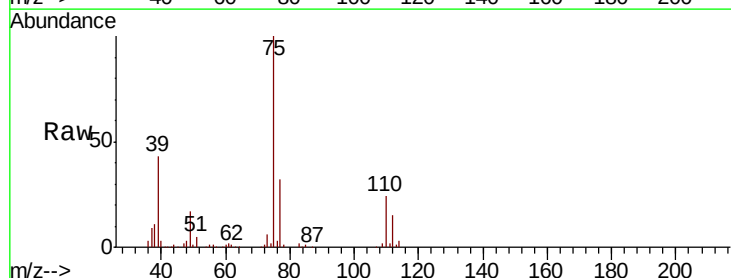
Tgt Ion: 75 Resp: 227278

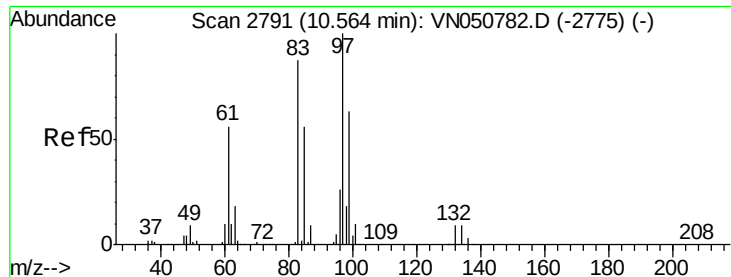
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 43.0 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 19.05 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

Tot Ion: 97 Resp: 138811

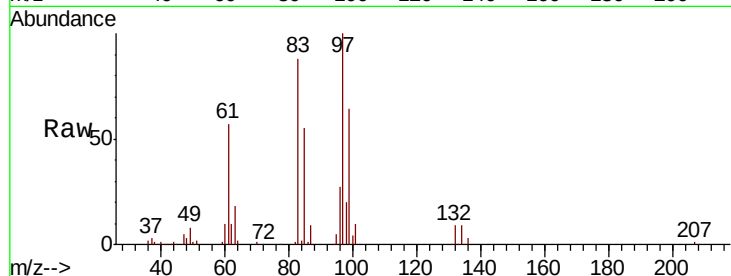
Ion Ratio Lower Upper

97 100

83 88.3 69.7 104.5

85 55.4 44.5 66.7

99 63.6 50.7 76.1

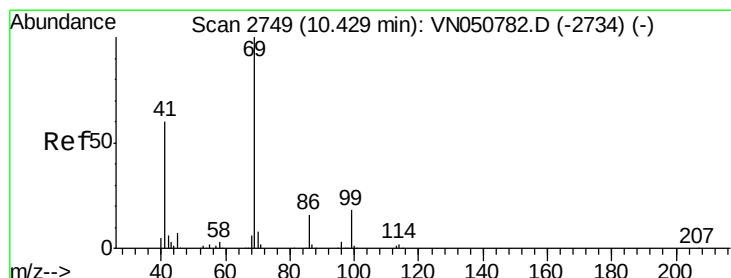
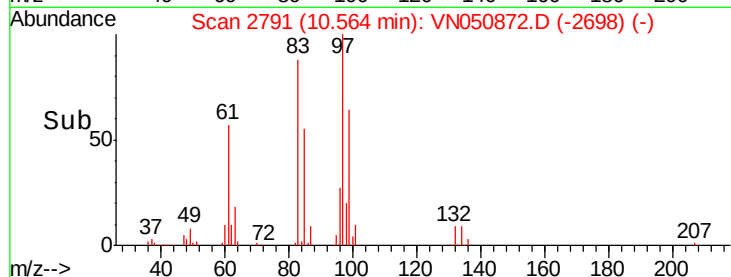
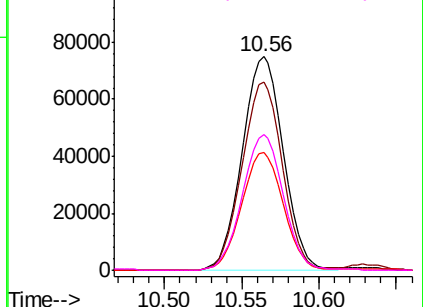


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.89 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

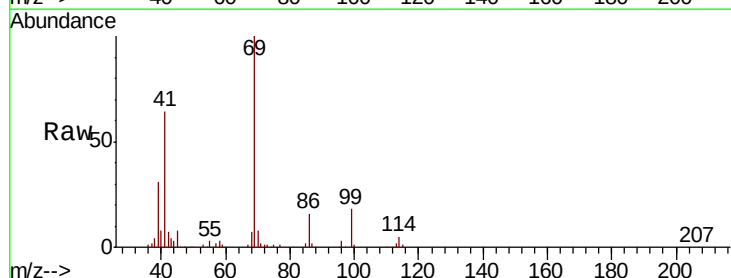
Tgt Ion: 69 Resp: 154601

Ion Ratio Lower Upper

69 100

41 62.3 48.3 72.5

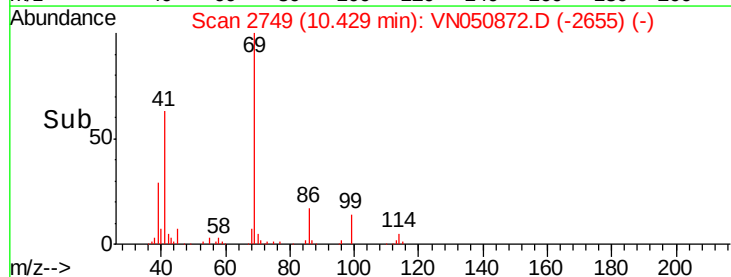
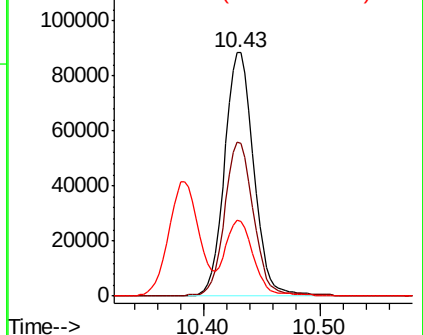
39 30.3 24.0 36.0

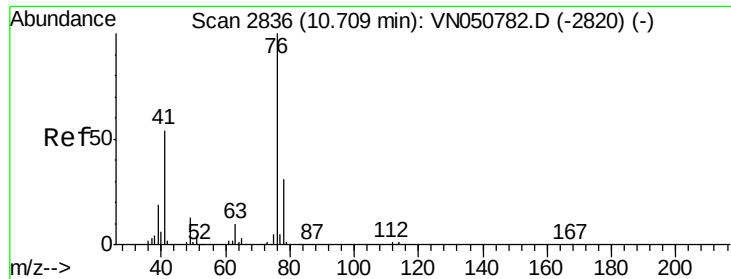


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.11 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

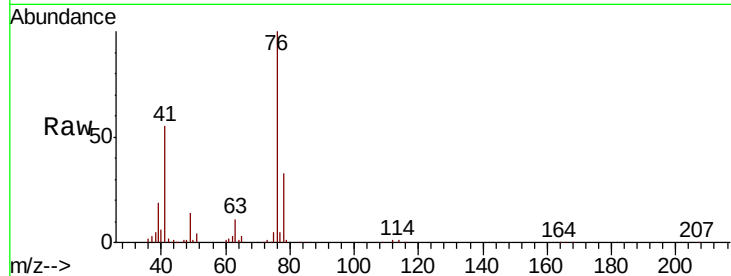
VN0824MBSD01

Tot Ion: 76 Resp: 229807

Ion Ratio Lower Upper

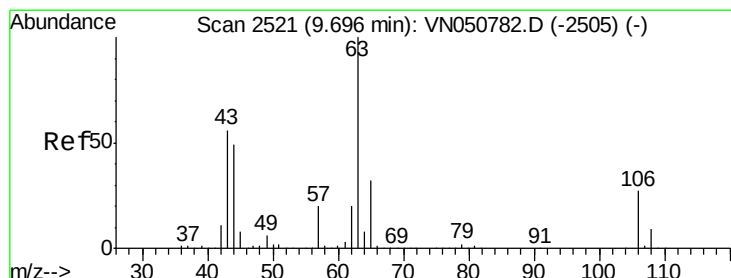
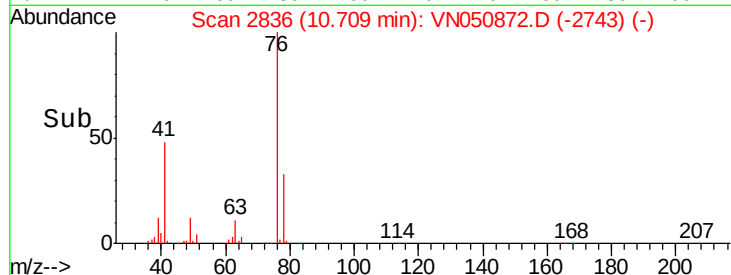
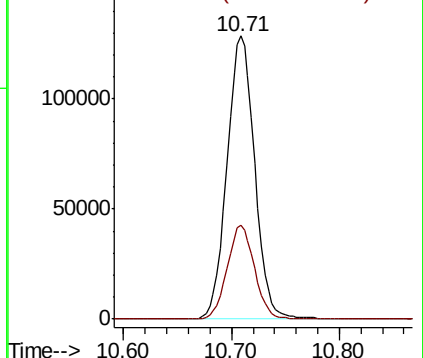
76 100

78 32.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.44 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050872.D

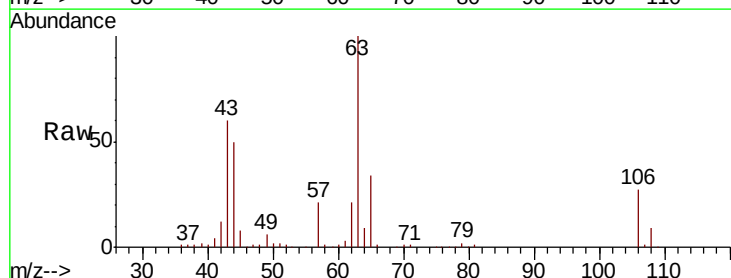
Acq: 24 Aug 2018 13:14

Tgt Ion: 63 Resp: 348844

Ion Ratio Lower Upper

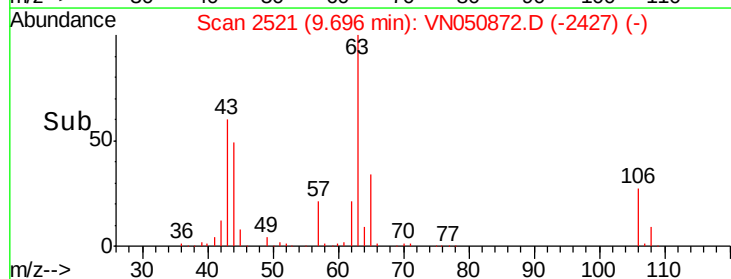
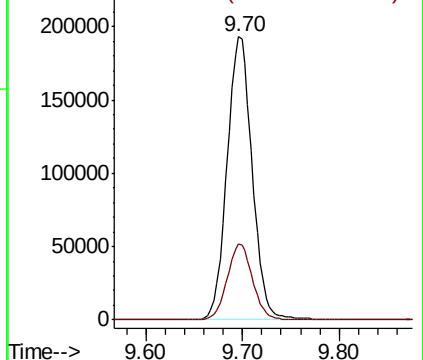
63 100

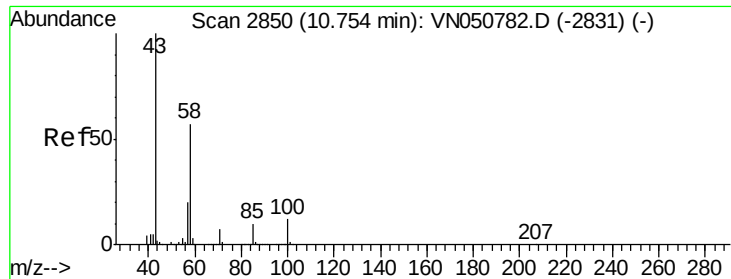
106 27.1 21.9 32.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

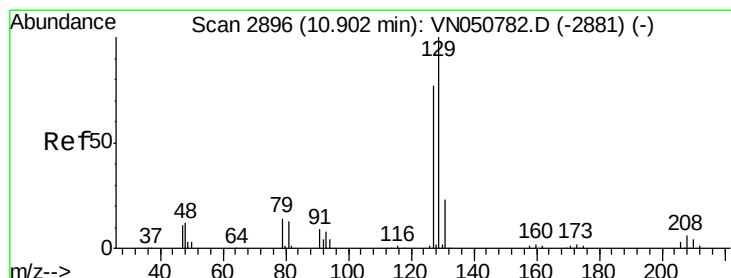
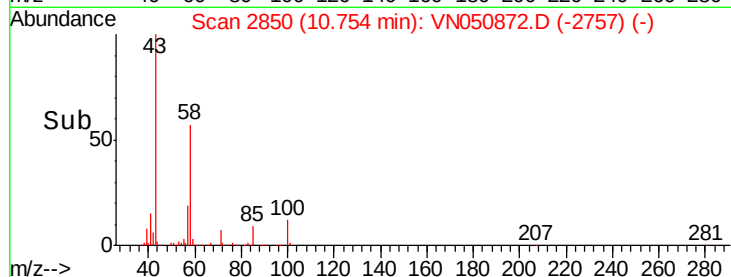
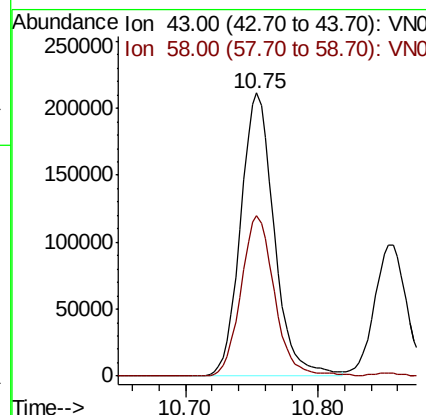
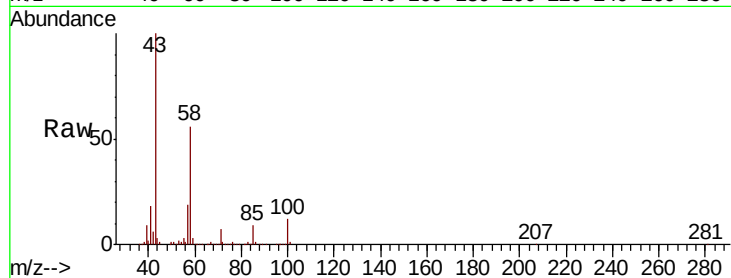




#59
2-Hexanone
Concen: 85.97 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

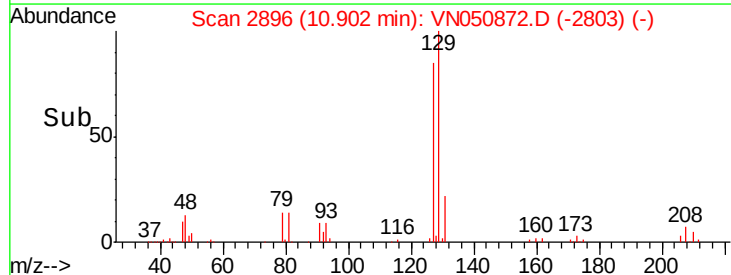
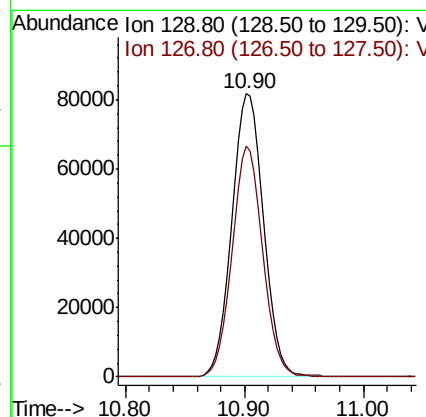
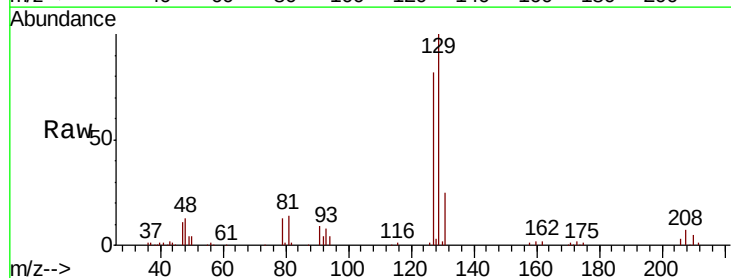
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

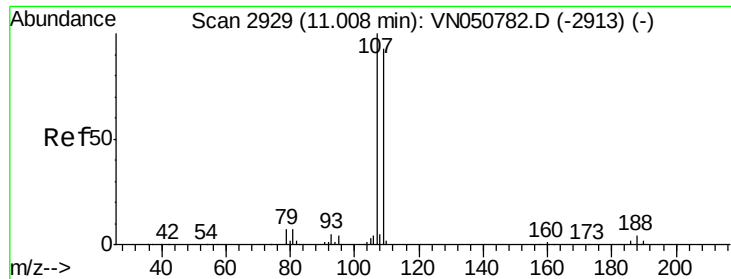
Tot Ion: 43 Resp: 370725
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0



#60
Dibromochloromethane
Concen: 18.54 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 129 Resp: 151215
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9

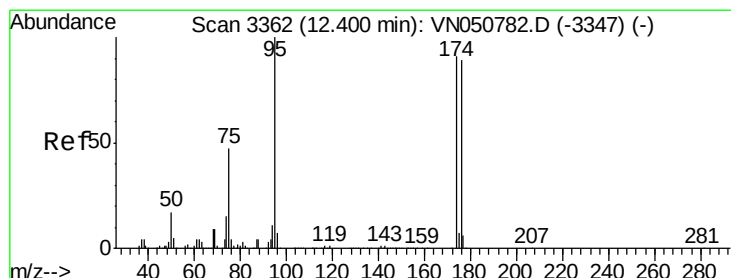
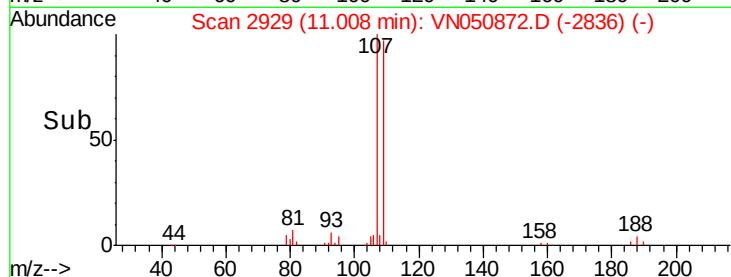
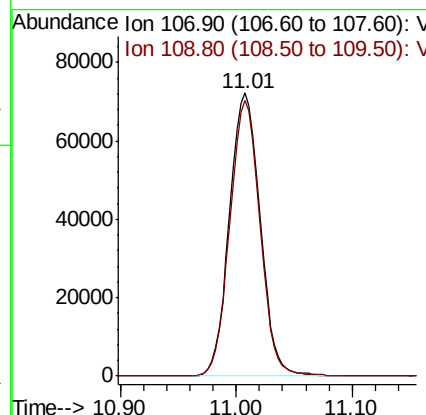
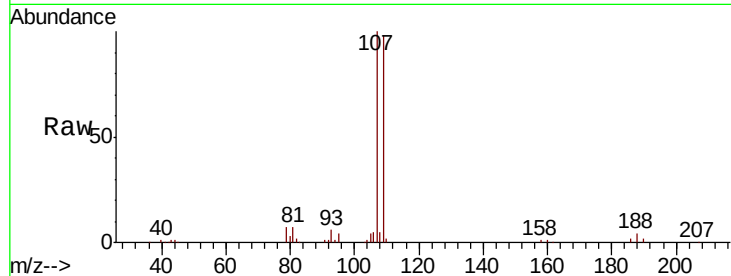




#61
 1,2-Dibromoethane
 Concen: 18.77 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

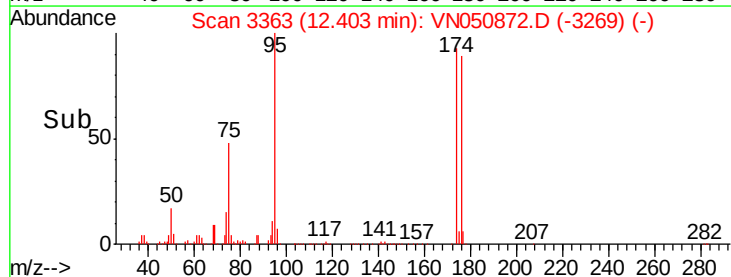
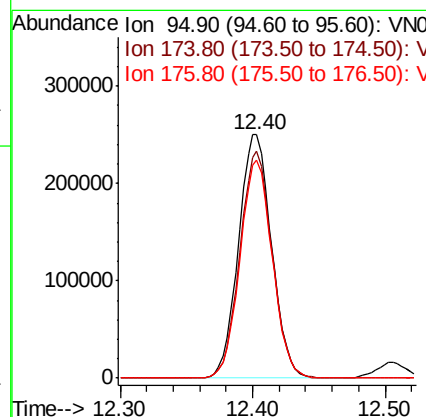
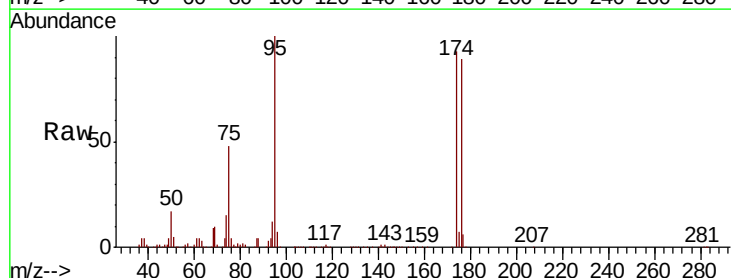
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

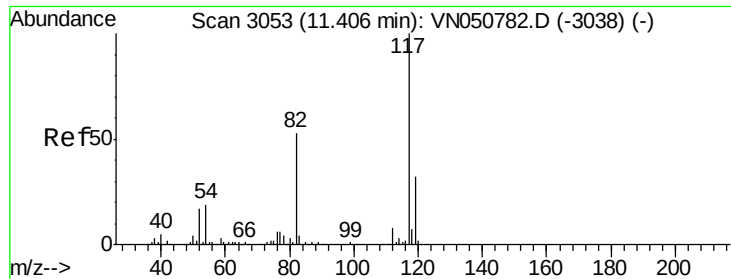
Tot Ion:107 Resp: 132222
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 46.77 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion: 95 Resp: 430522
 Ion Ratio Lower Upper
 95 100
 174 91.4 0.0 183.0
 176 87.8 0.0 178.8

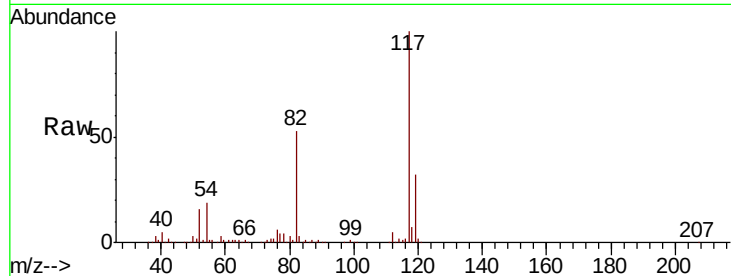




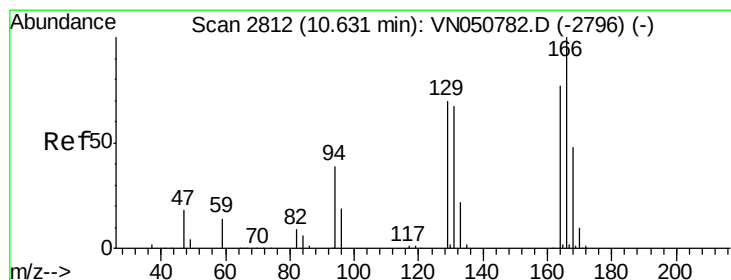
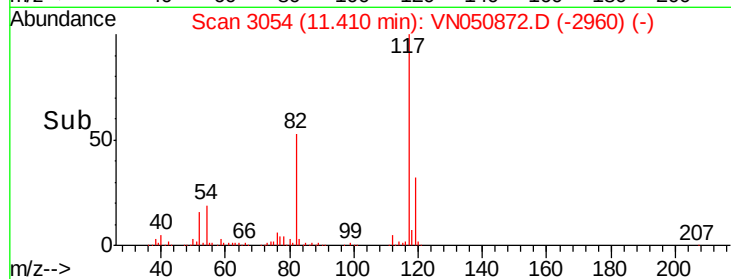
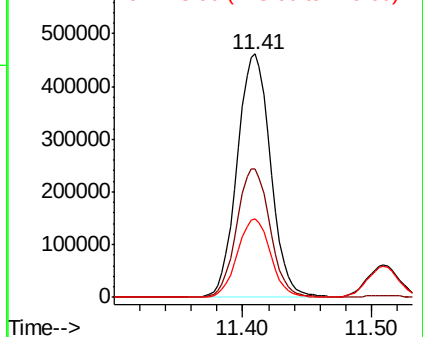
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

Tot Ion:117 Resp: 831342
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 32.2 25.8 38.6

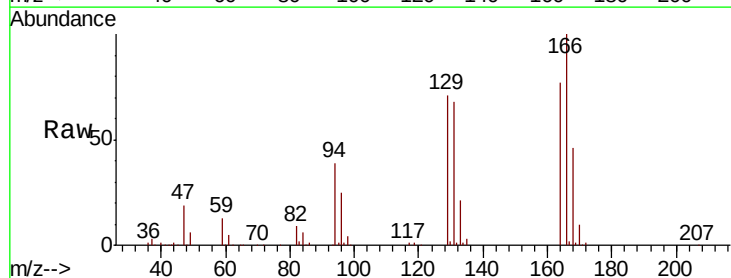


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

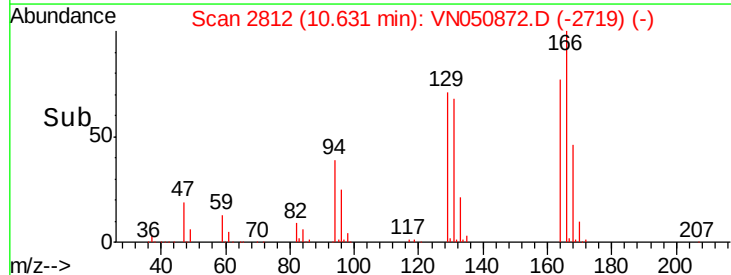
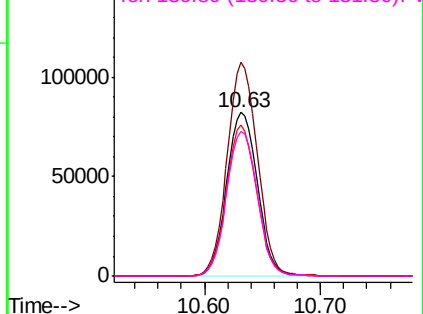


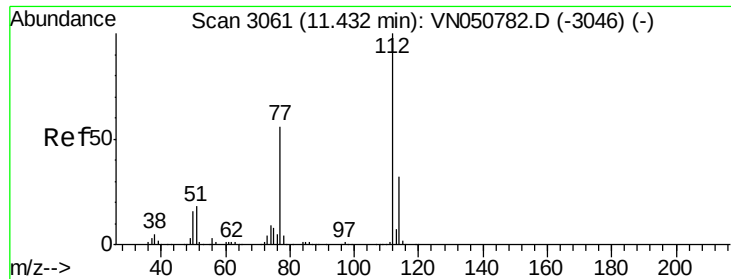
#64
Tetrachloroethene
Concen: 19.25 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:164 Resp: 152005
Ion Ratio Lower Upper
164 100
166 130.4 103.5 155.3
129 92.4 72.7 109.1
131 88.2 69.5 104.3



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

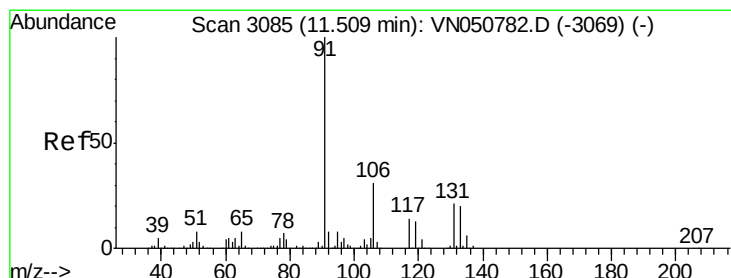
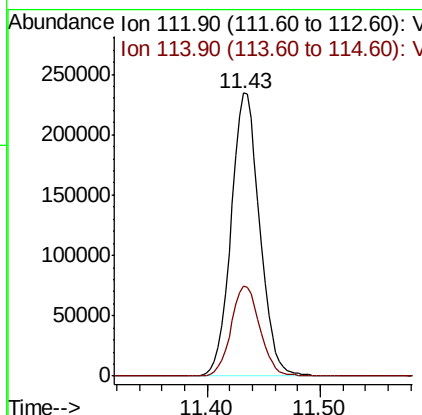
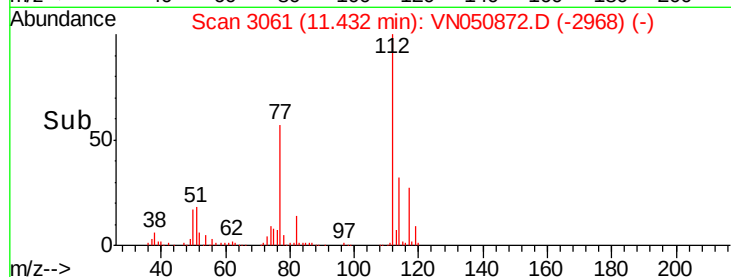
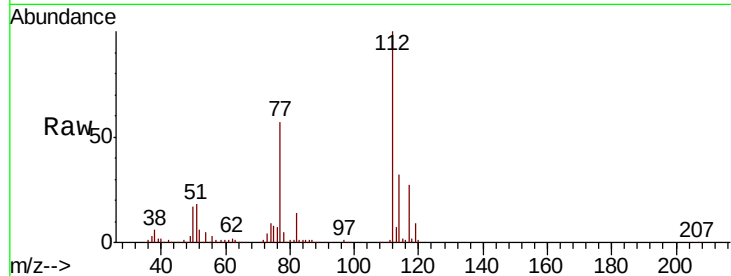




#65
Chlorobenzene
Concen: 18.94 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

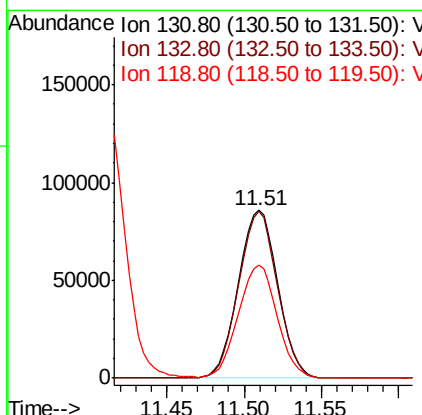
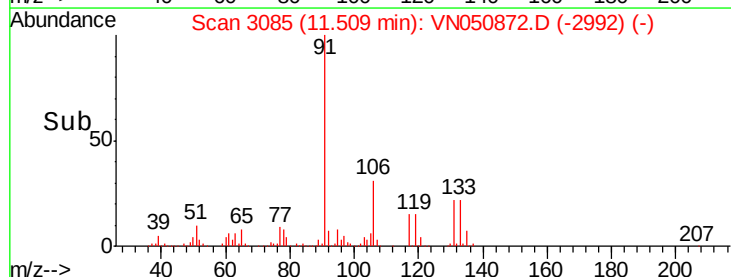
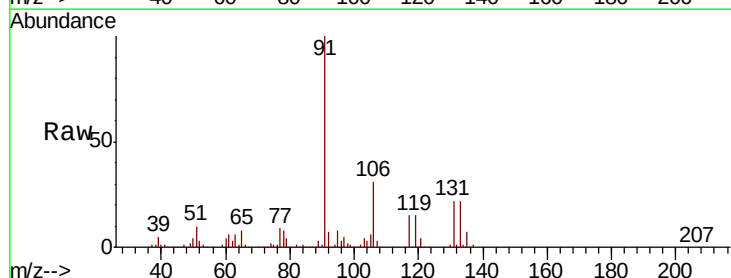
Instrument :
MSVOA_N
ClientSampled :
VN0824MBSD01

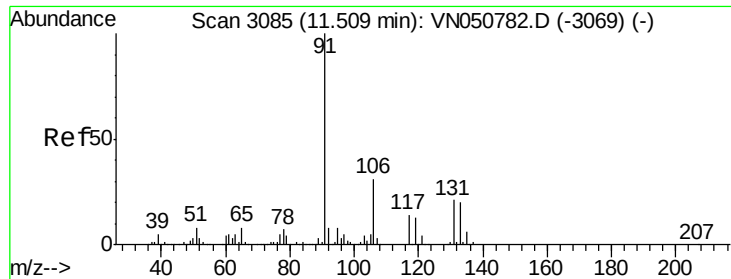
Tot Ion:112 Resp: 411654
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.14 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:131 Resp: 152135
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.3
119 66.3 32.8 98.4





#67

Ethyl Benzene

Concen: 19.15 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampled :

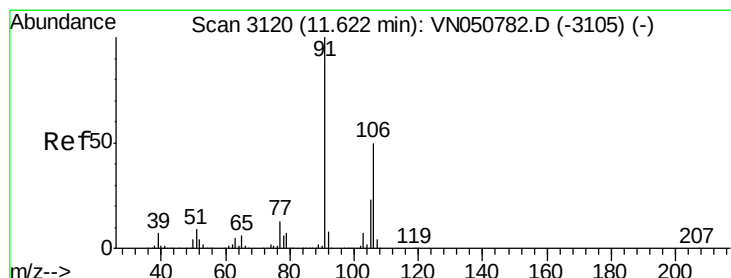
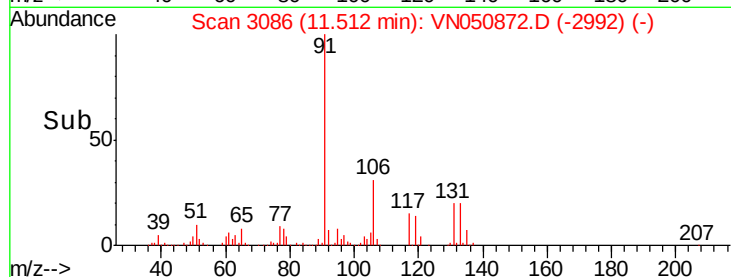
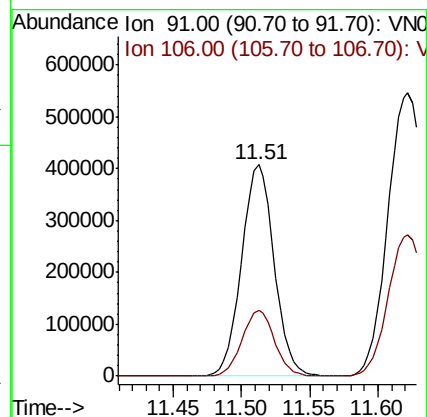
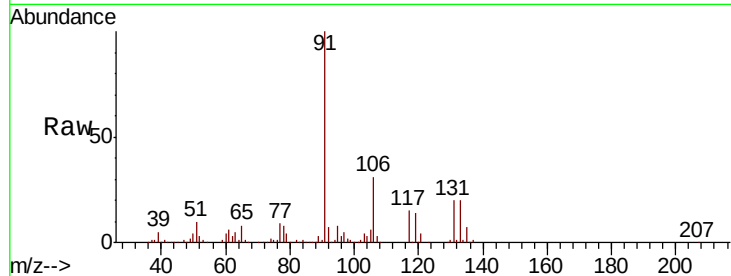
VN0824MBSD01

Tot Ion: 91 Resp: 676418

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 39.57 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050872.D

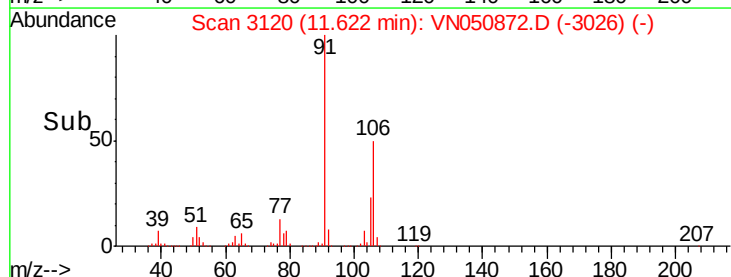
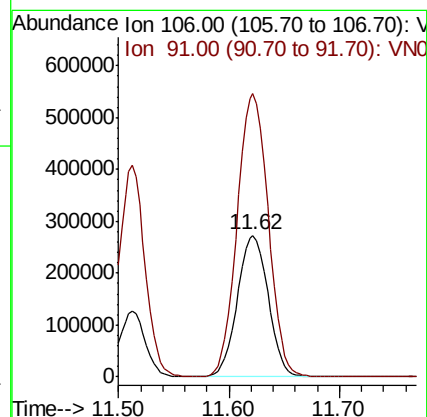
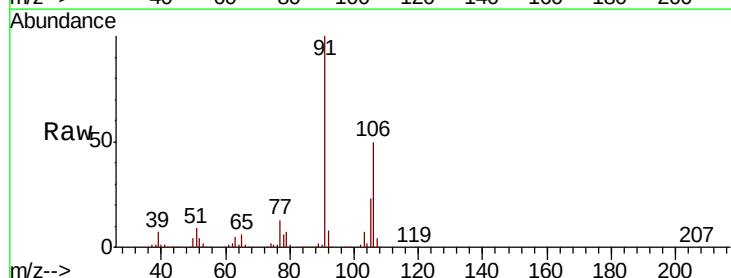
Acq: 24 Aug 2018 13:14

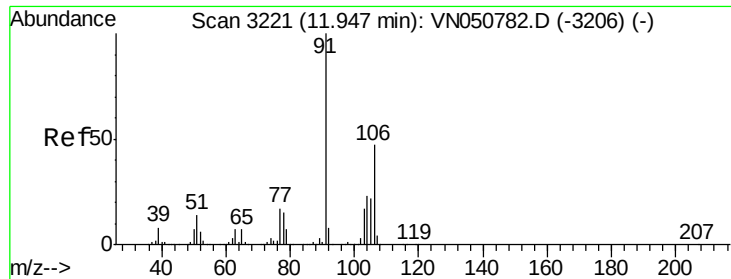
Tgt Ion: 106 Resp: 530533

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6

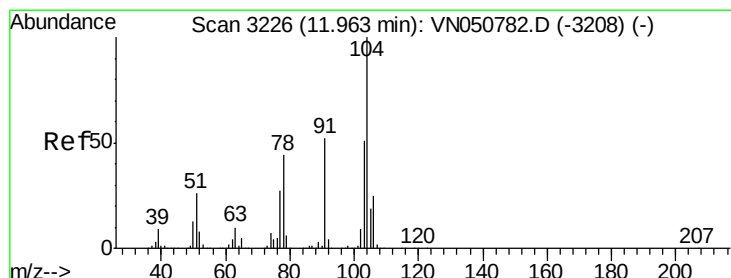
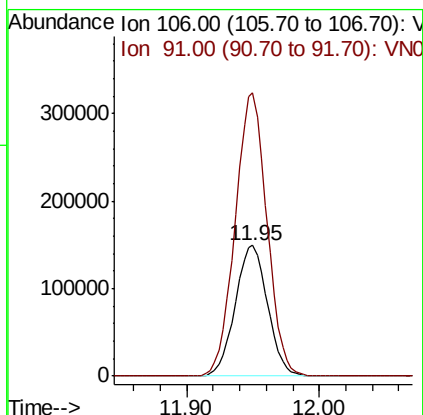
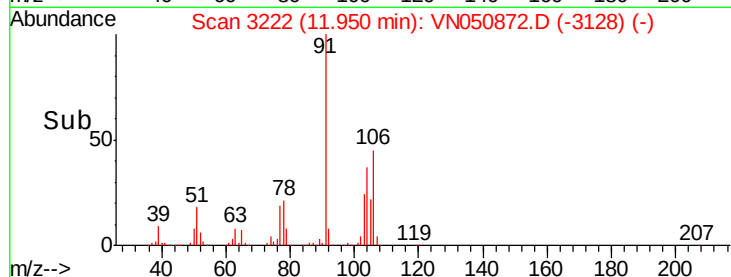
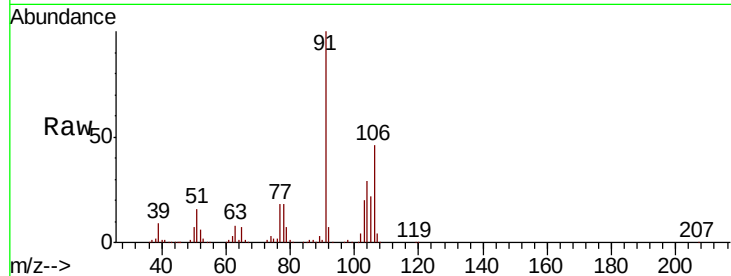




#69
o-Xylene
Concen: 19.56 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

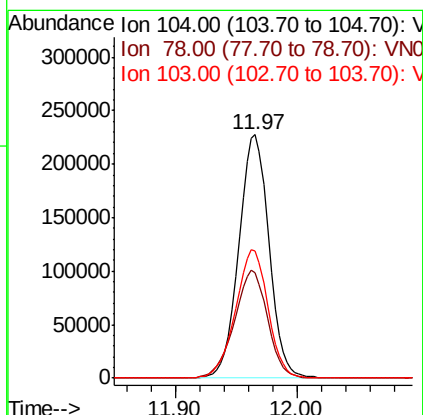
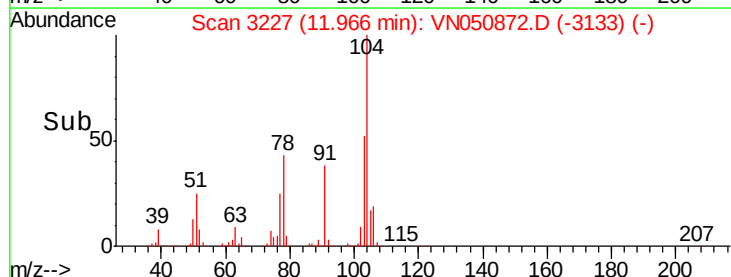
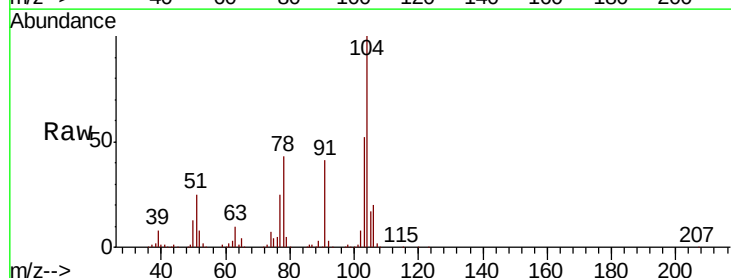
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

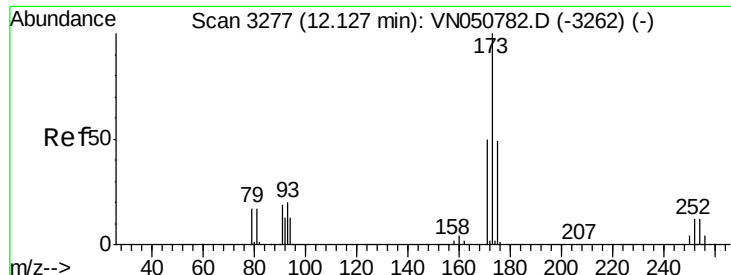
Tot Ion:106 Resp: 252172
Ion Ratio Lower Upper
106 100
91 213.6 106.5 319.5



#70
Styrene
Concen: 17.89 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion:104 Resp: 387421
Ion Ratio Lower Upper
104 100
78 48.8 38.2 57.4
103 57.0 44.4 66.6





#71

Bromoform

Concen: 18.77 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

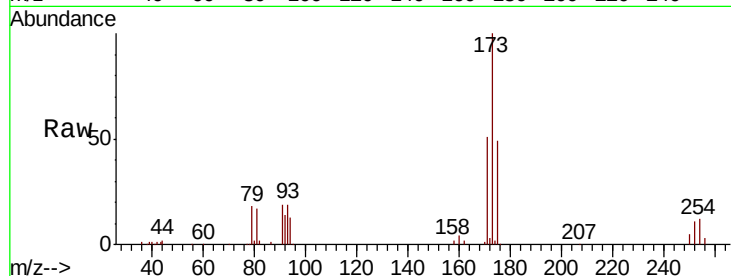
Tot Ion:173 Resp: 102619

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.4

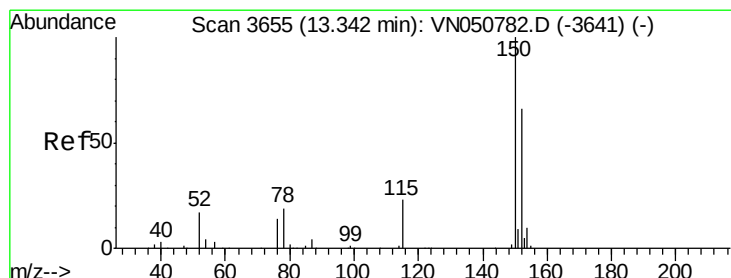
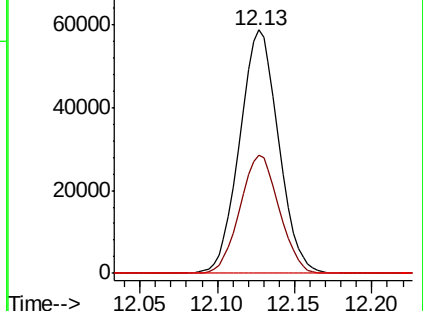
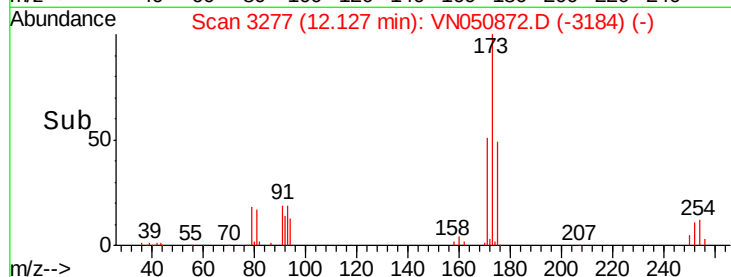
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3655

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

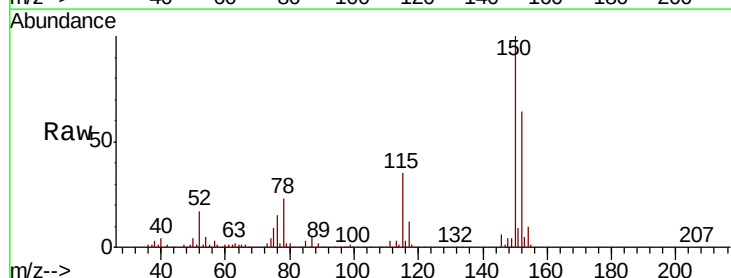
Tgt Ion:152 Resp: 386675

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

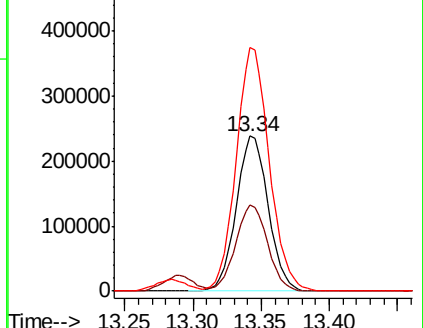
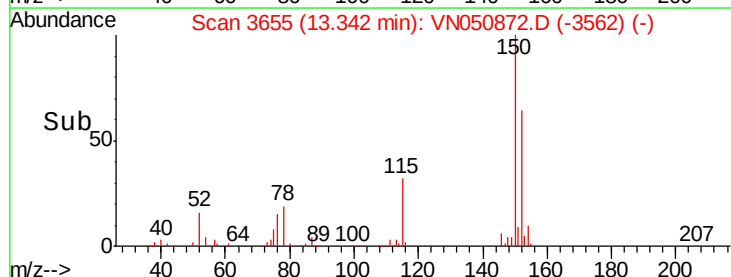
150 162.8 0.0 351.4

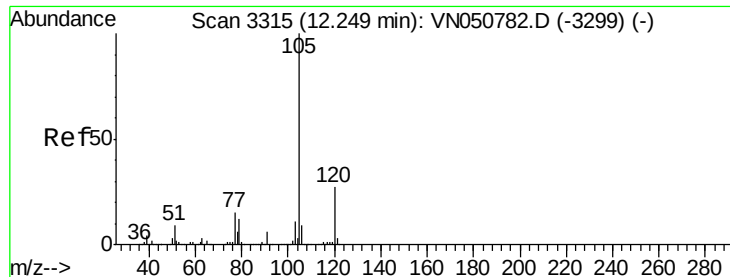


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.79 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

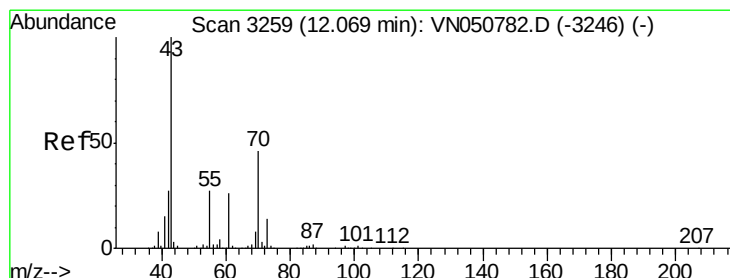
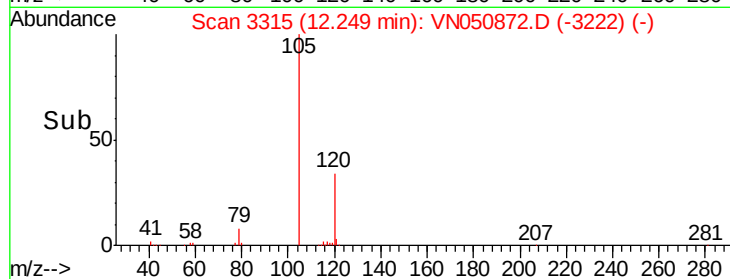
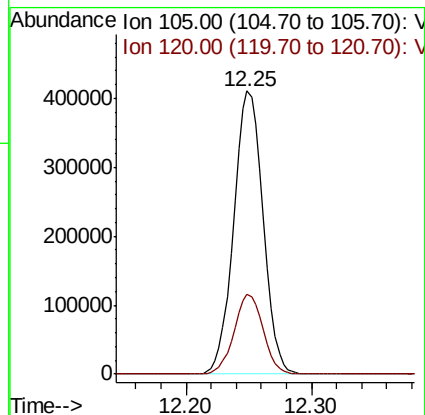
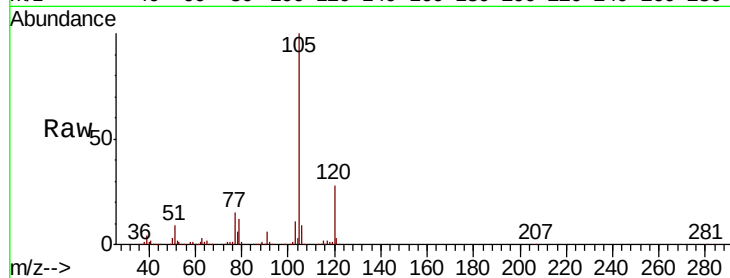
VN0824MBSD01

Tot Ion:105 Resp: 665630

Ion Ratio Lower Upper

105 100

120 27.8 13.5 40.4



#74

N-ethyl acetate

Concen: 19.30 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Tgt Ion: 43 Resp: 155240

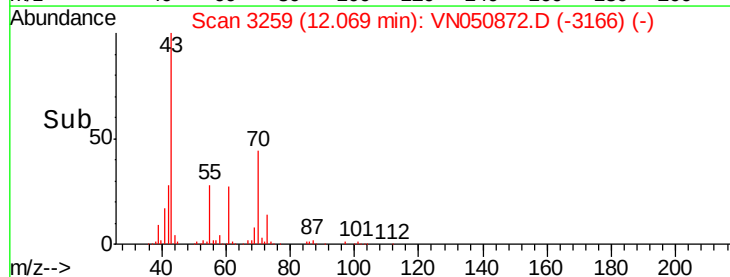
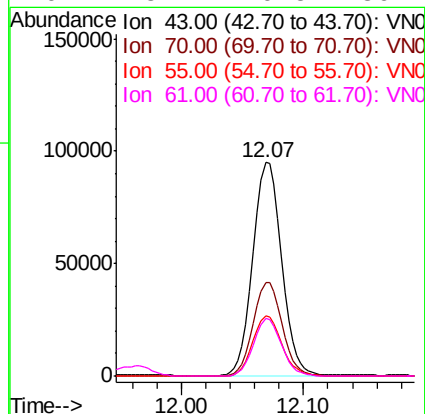
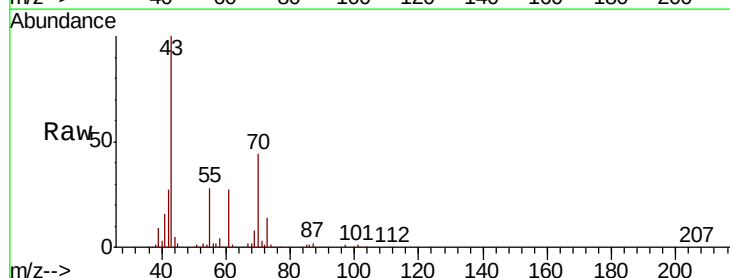
Ion Ratio Lower Upper

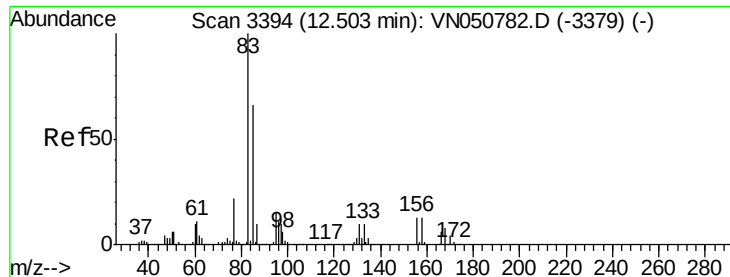
43 100

70 43.7 36.2 54.2

55 28.0 21.8 32.8

61 25.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.89 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

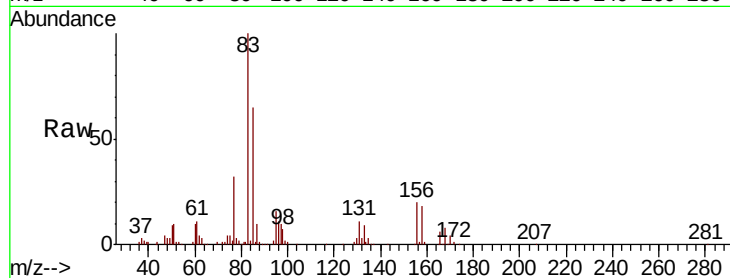
Tot Ion: 83 Resp: 166750

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

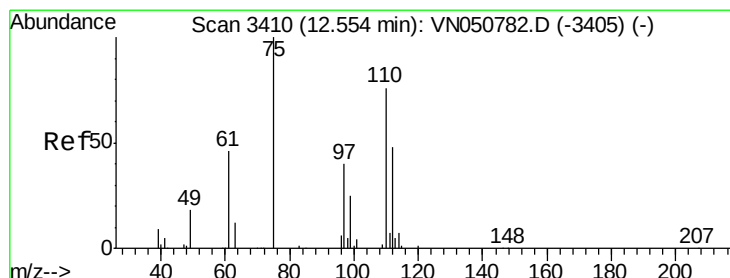
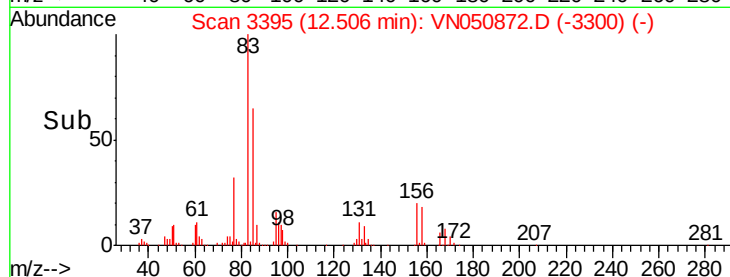
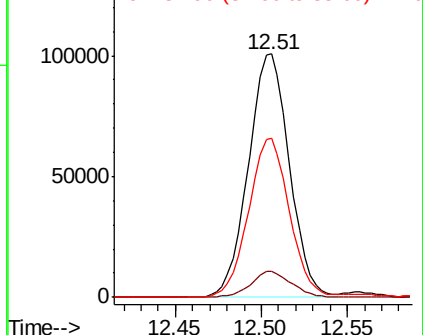
85 65.0 31.9 95.7



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: 28.42 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050872.D

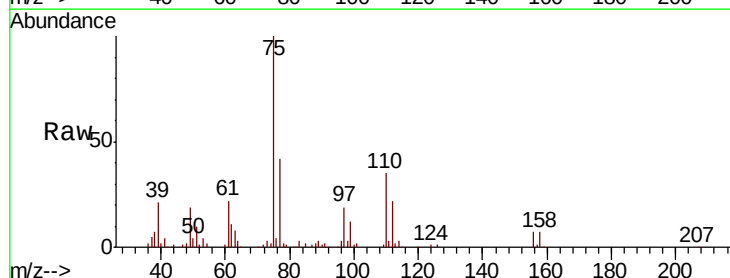
Acq: 24 Aug 2018 13:14

Tgt Ion: 75 Resp: 192465

Ion Ratio Lower Upper

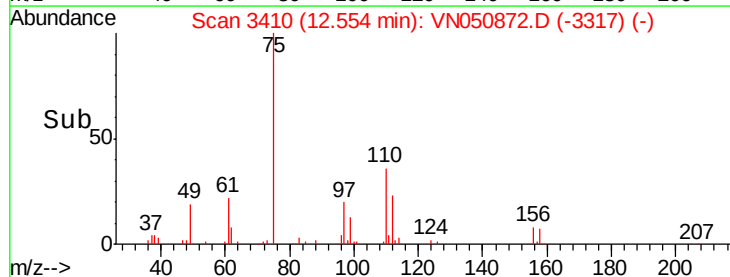
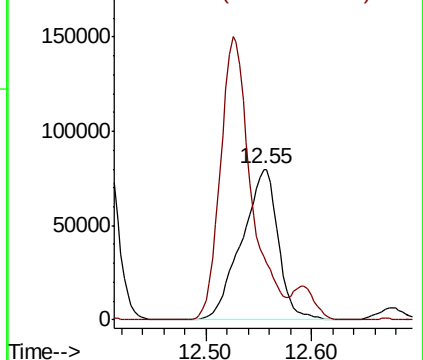
75 100

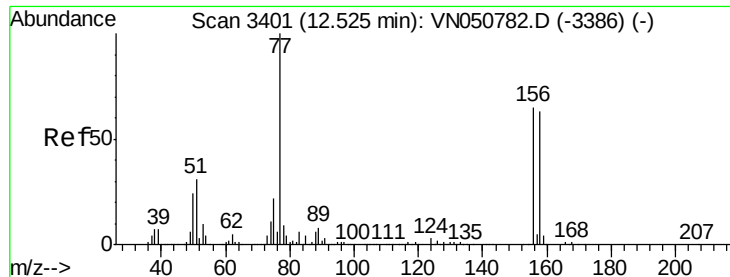
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.49 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

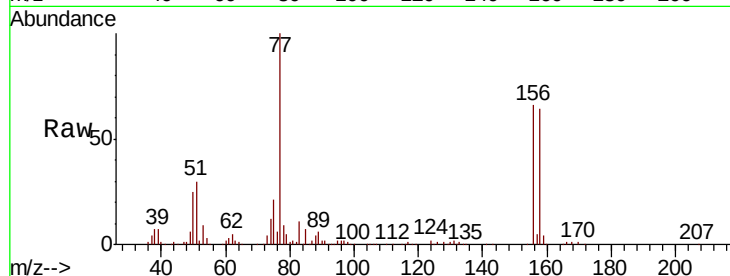
Tot Ion:156 Resp: 169563

Ion Ratio Lower Upper

156 100

77 179.6 89.9 269.7

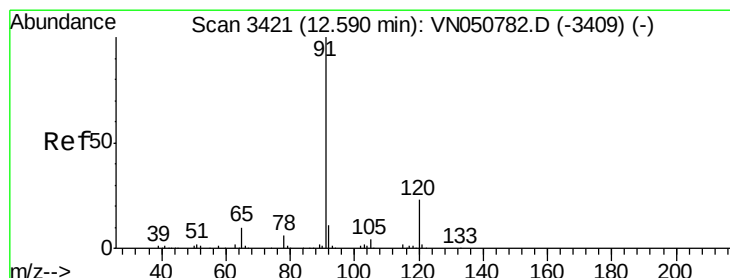
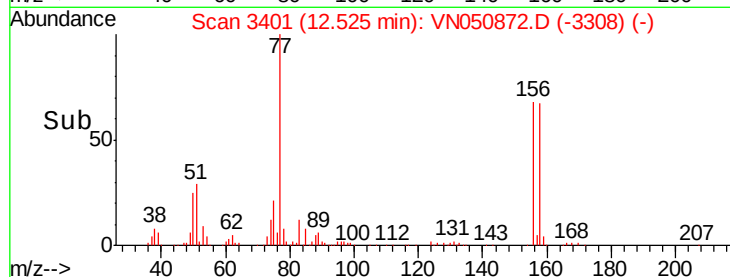
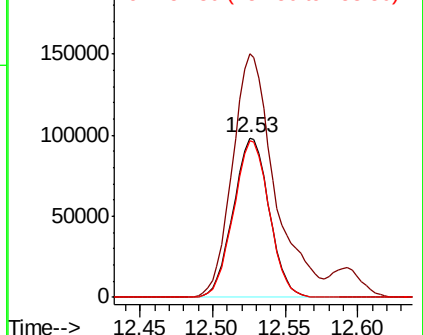
158 97.5 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.53 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050872.D

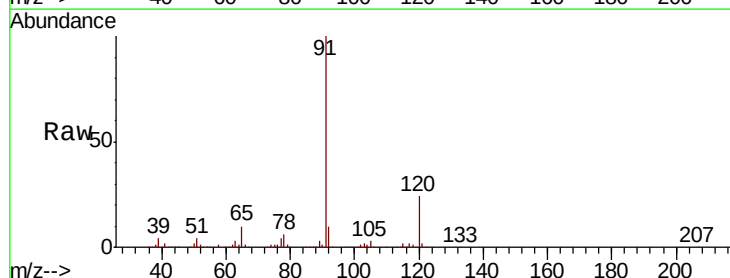
Acq: 24 Aug 2018 13:14

Tgt Ion: 91 Resp: 734162

Ion Ratio Lower Upper

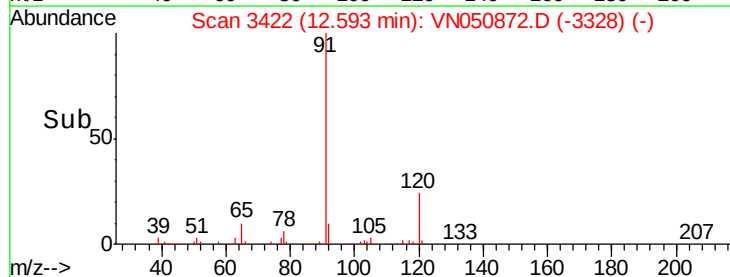
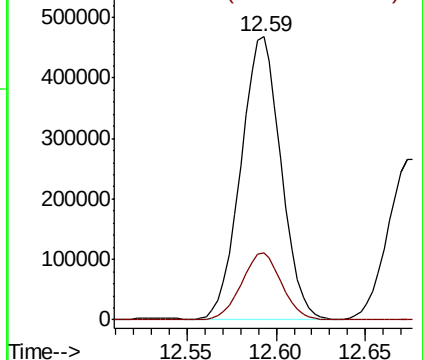
91 100

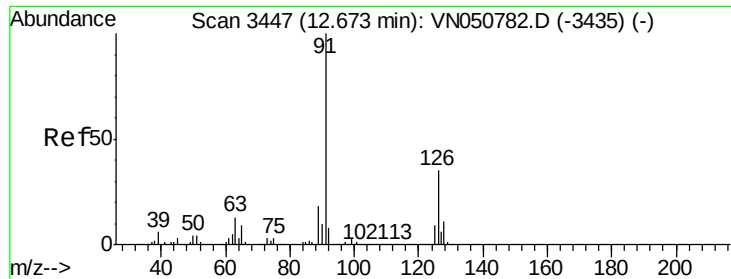
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.30 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

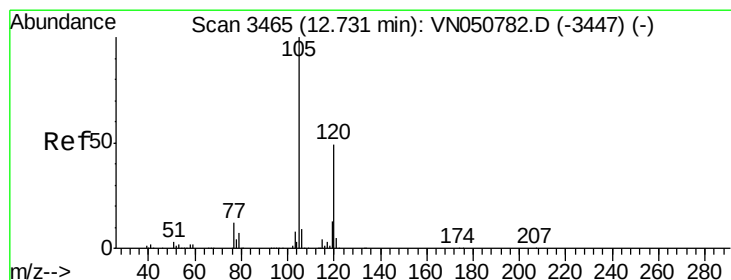
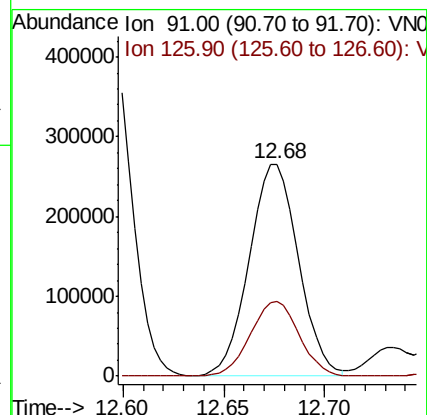
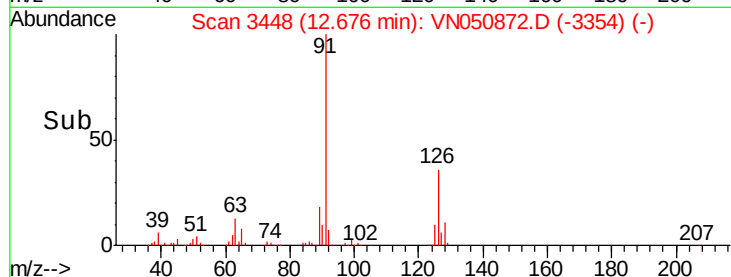
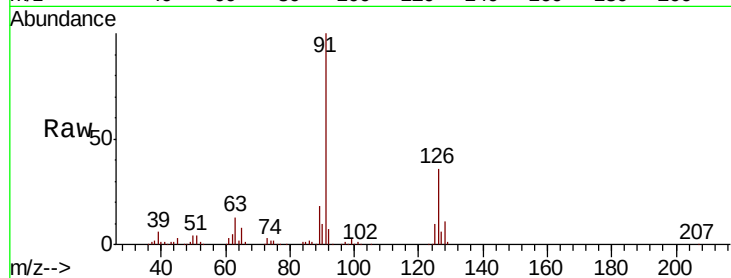
VN0824MBSD01

Tot Ion: 91 Resp: 452310

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.89 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050872.D

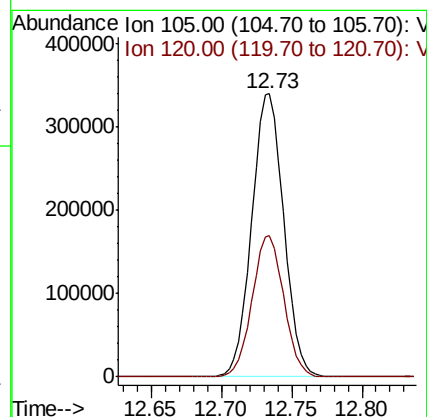
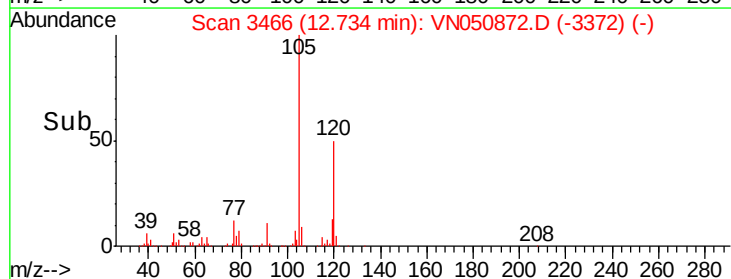
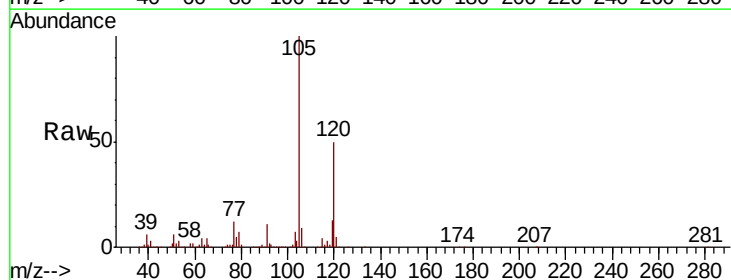
Acq: 24 Aug 2018 13:14

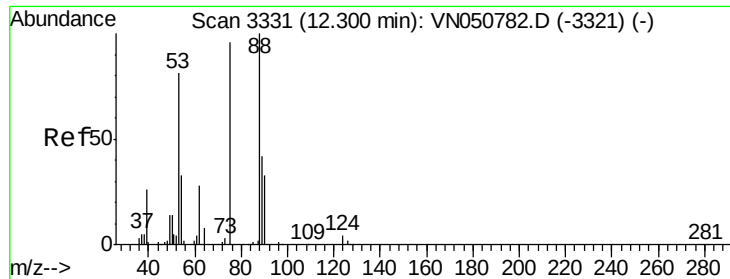
Tgt Ion: 105 Resp: 539822

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.16 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

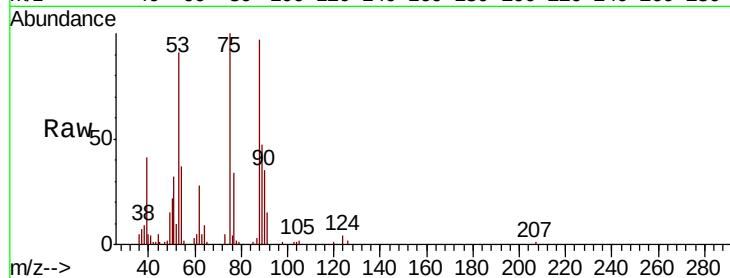
Tot Ion: 75 Resp: 36389

Ion Ratio Lower Upper

75 100

53 94.1 68.9 103.3

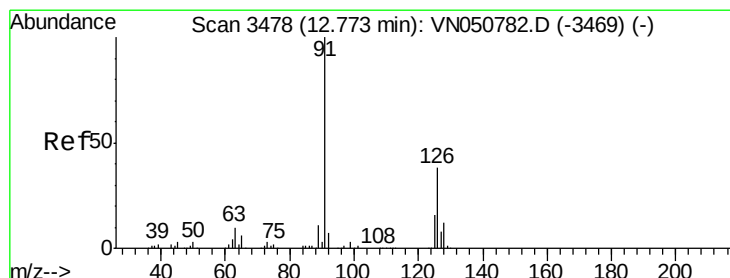
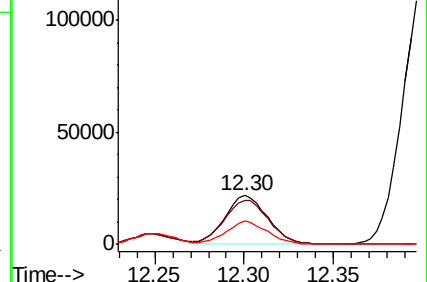
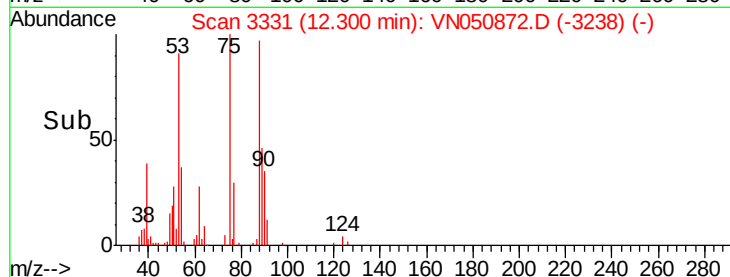
89 46.0 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.13 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050872.D

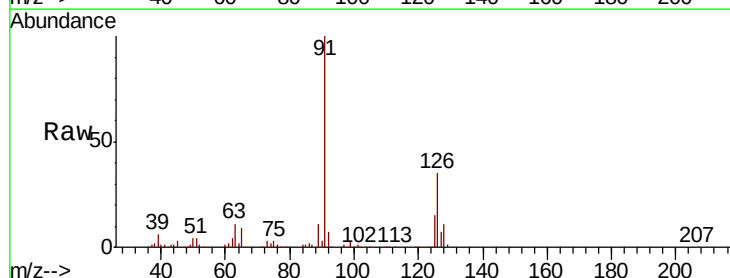
Acq: 24 Aug 2018 13:14

Tgt Ion: 91 Resp: 442752

Ion Ratio Lower Upper

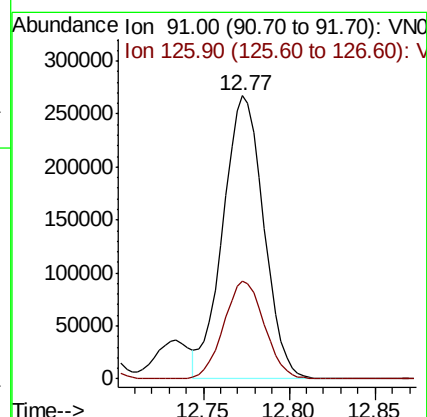
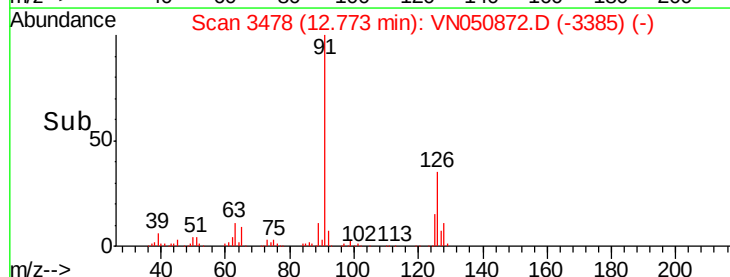
91 100

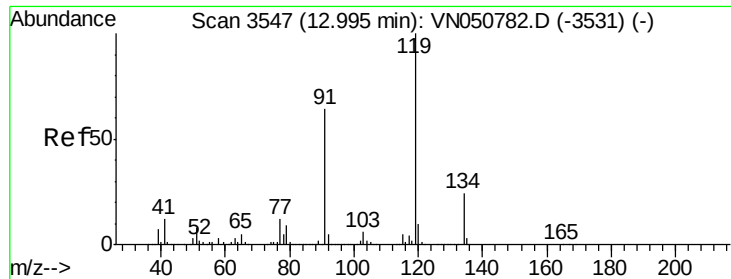
126 34.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

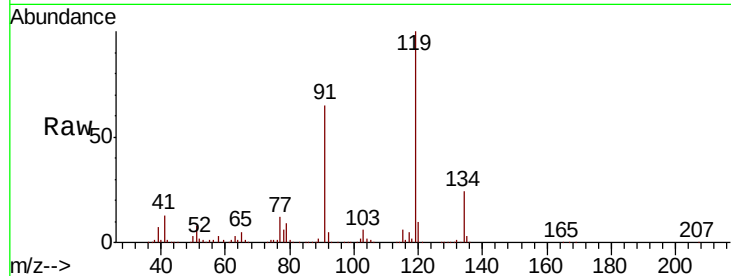




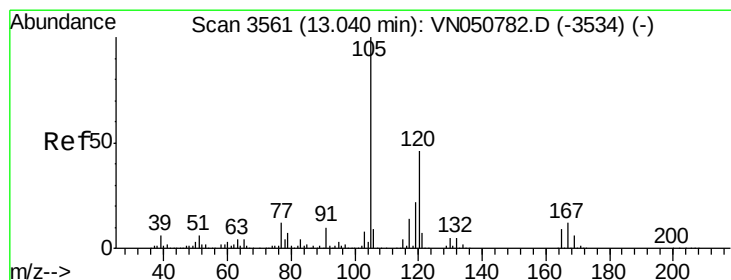
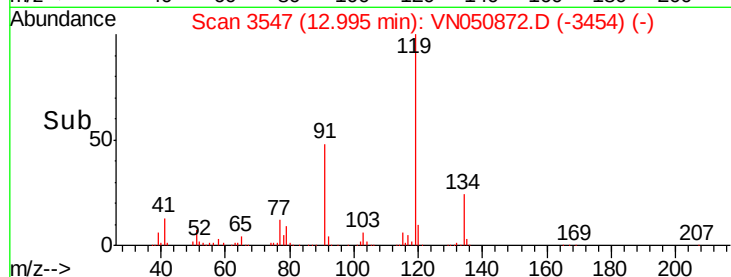
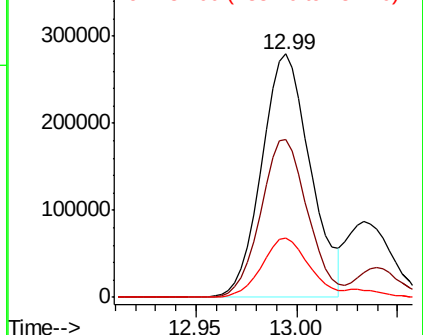
#83
 tert-Butylbenzene
 Concen: 20.98 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0824MBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.6	94.7
134	24.0	13.4	40.1

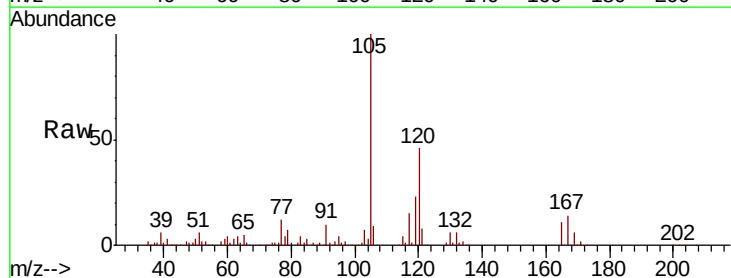


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

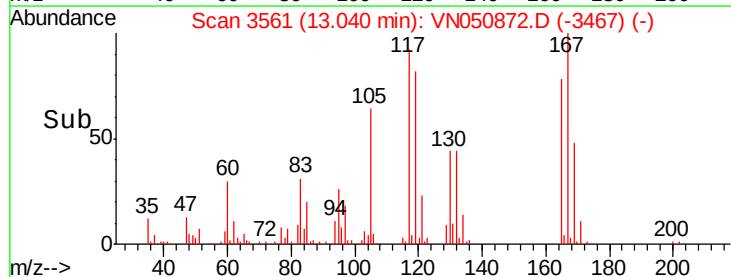
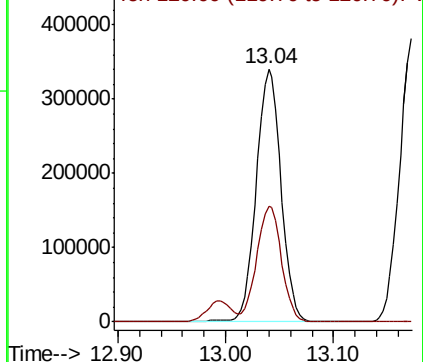


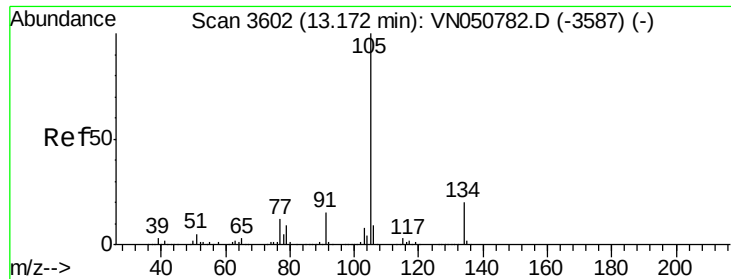
#84
 1,2,4-Trimethylbenzene
 Concen: 20.83 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8



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





#85

sec-Butylbenzene

Concen: 20.68 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

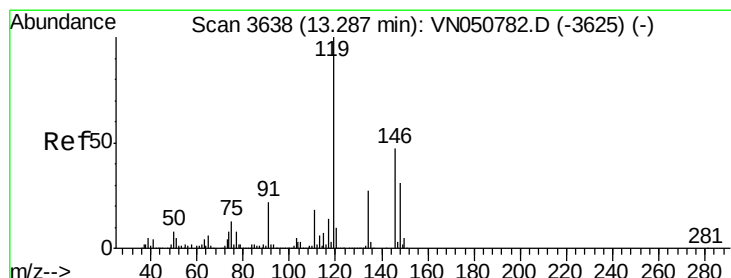
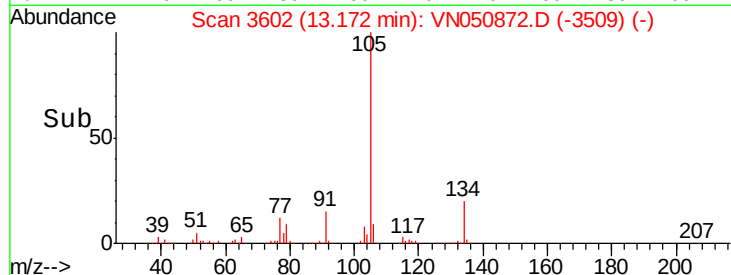
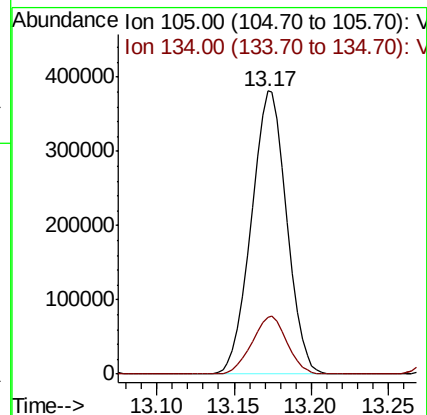
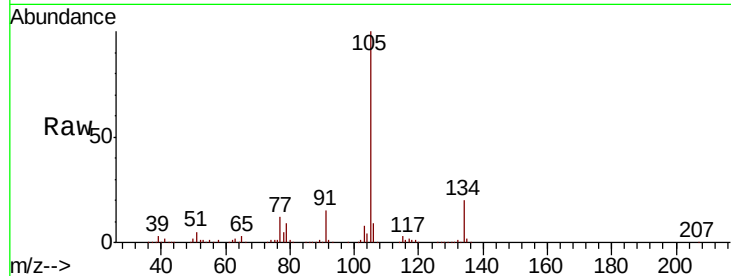
VN0824MBSD01

Tot Ion:105 Resp: 606425

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.47 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

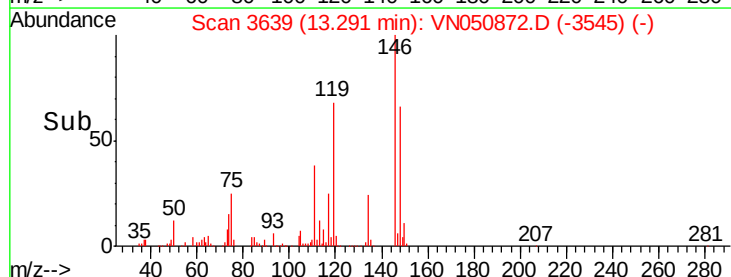
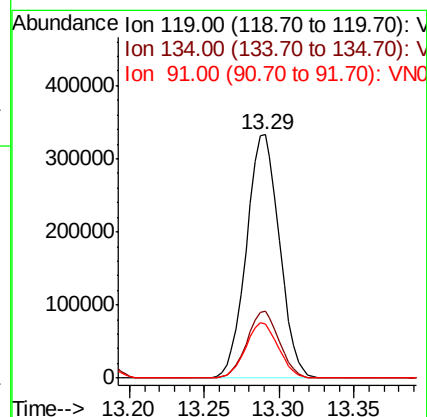
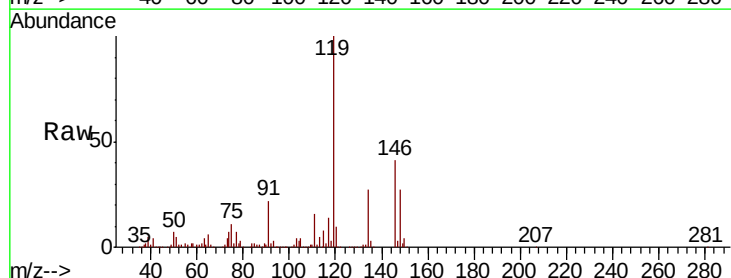
Tgt Ion:119 Resp: 511310

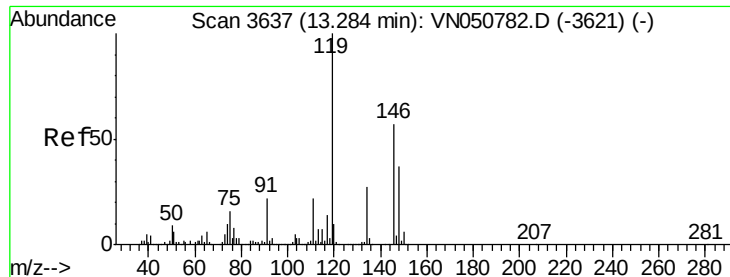
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 22.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.74 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

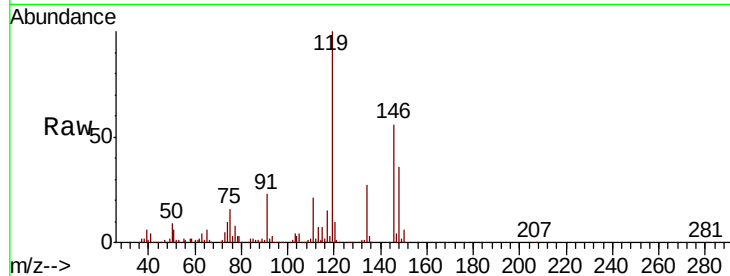
Tot Ion:146 Resp: 276743

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

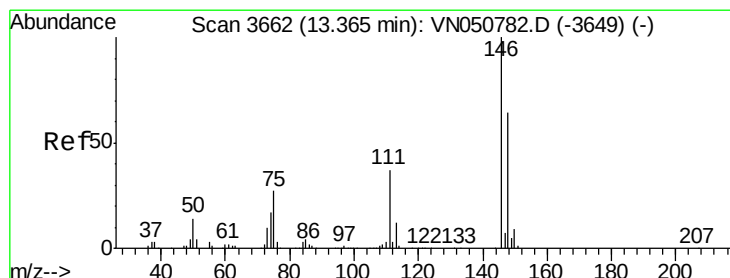
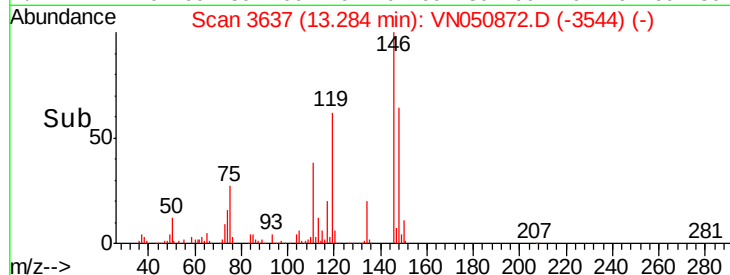
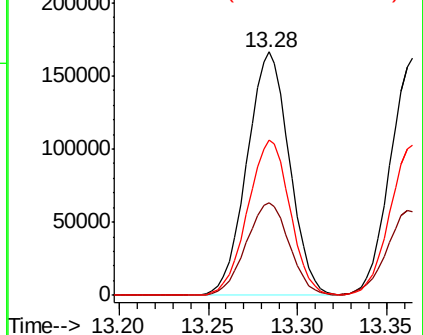
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.48 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

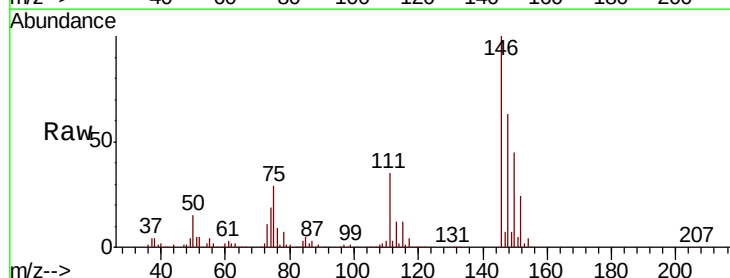
Tgt Ion:146 Resp: 268636

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

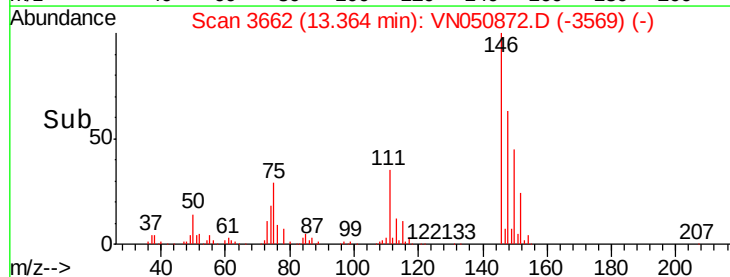
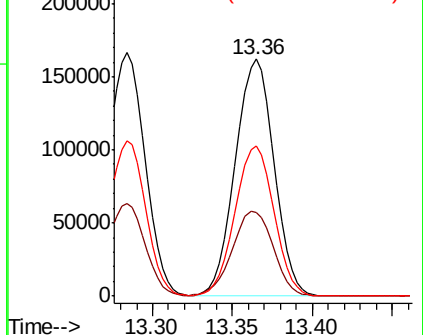
148 63.6 32.2 96.6

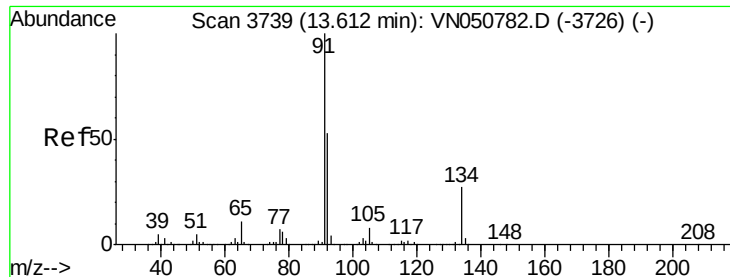


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

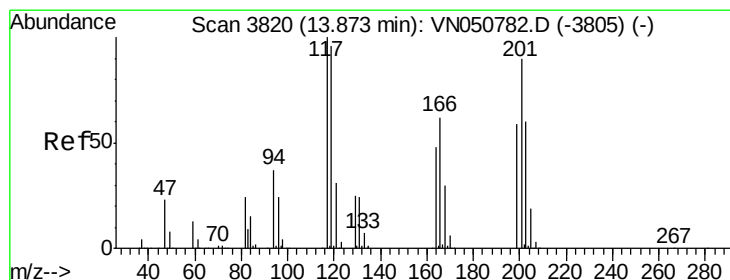
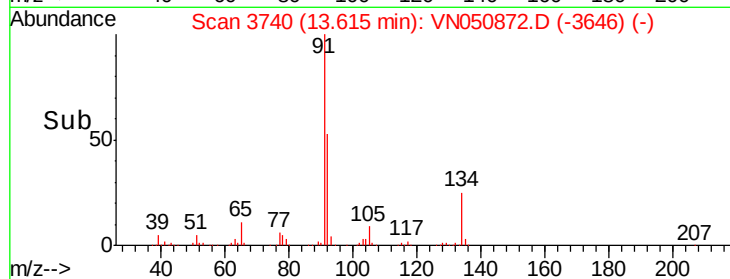
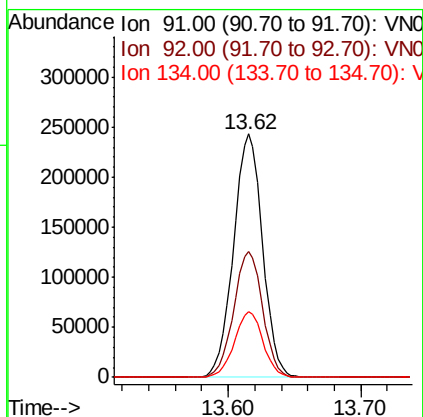
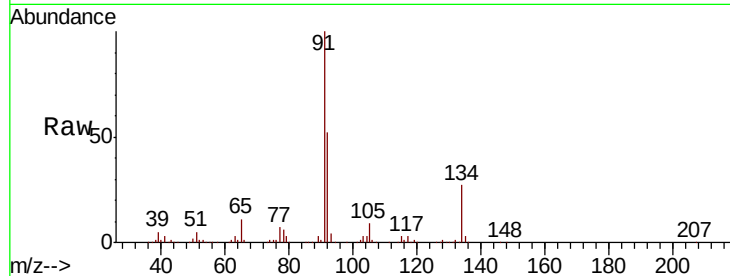




#89
n-Butylbenzene
Concen: 18.47 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

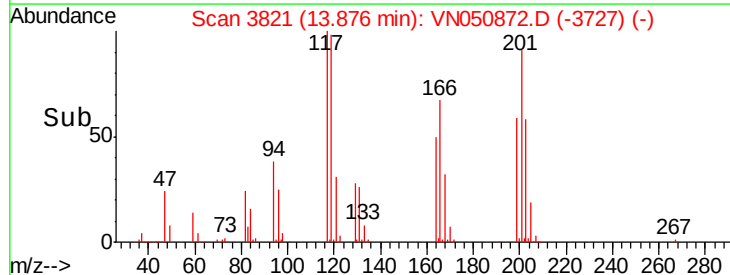
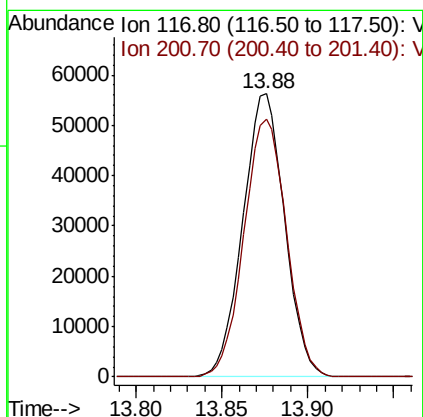
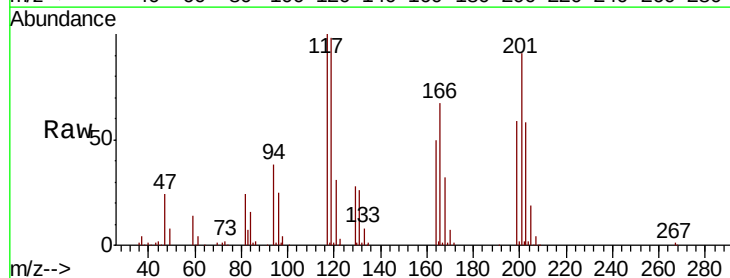
Instrument :
MSVOA_N
ClientSampleId :
VN0824MBSD01

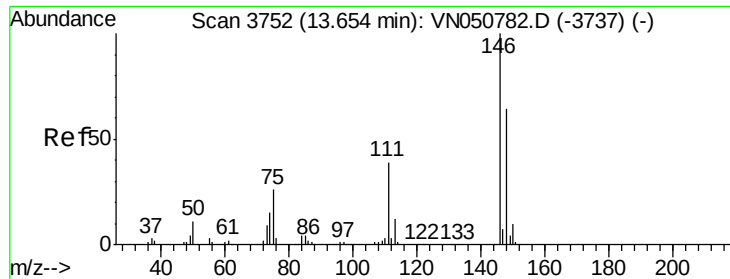
Tot Ion: 91 Resp: 369098
Ion Ratio Lower Upper
91 100
92 51.5 26.1 78.2
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 20.00 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050872.D
Acq: 24 Aug 2018 13:14

Tgt Ion: 117 Resp: 94696
Ion Ratio Lower Upper
117 100
201 92.8 46.0 137.8

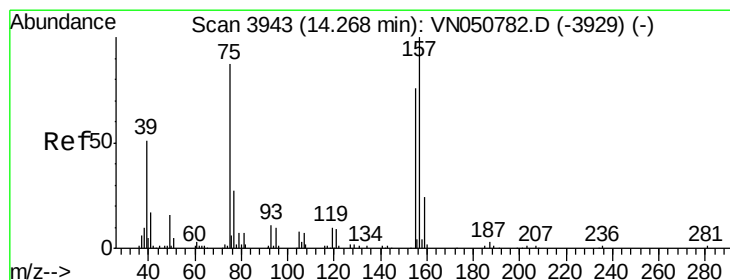
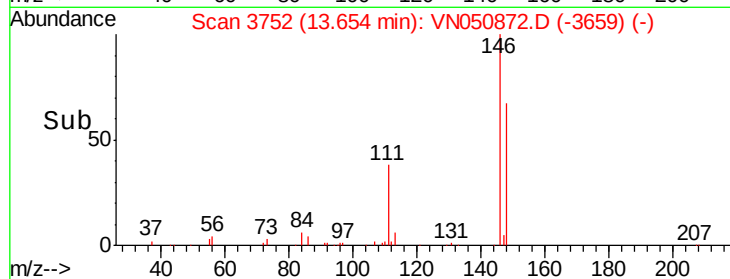
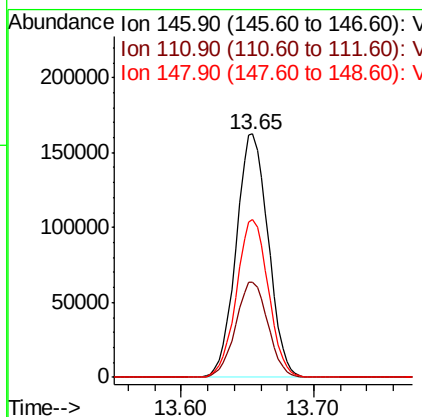
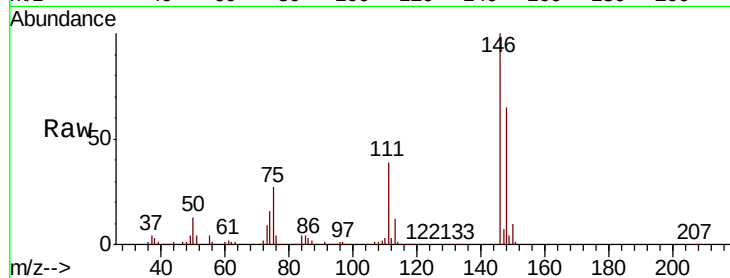




#91
 1,2-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

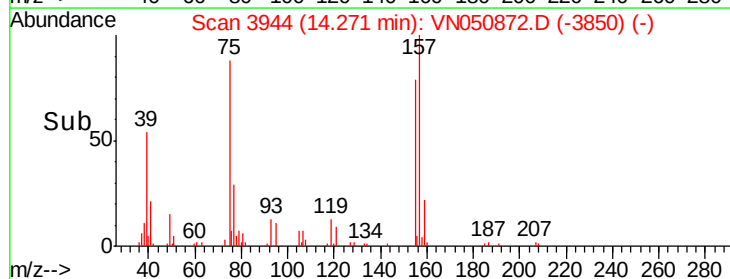
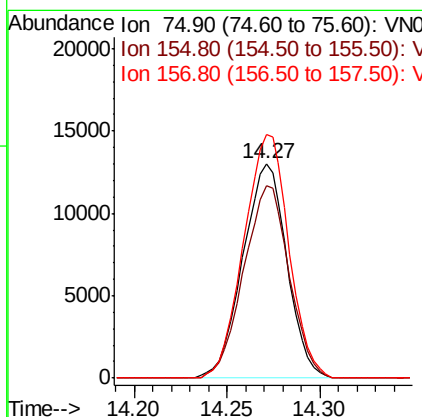
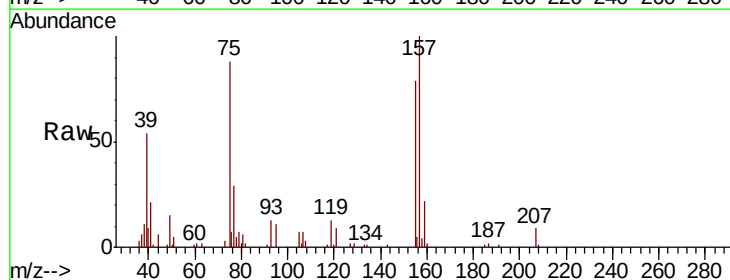
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

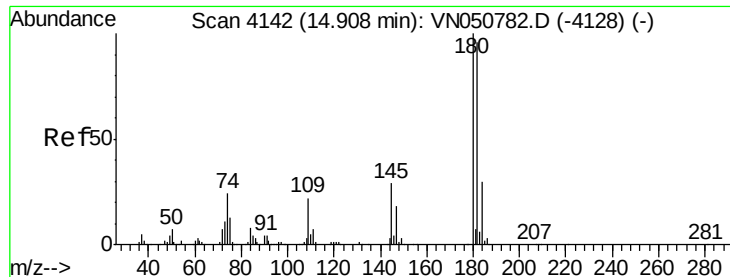
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.72 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	46.4	139.1
157	116.1	60.7	182.0

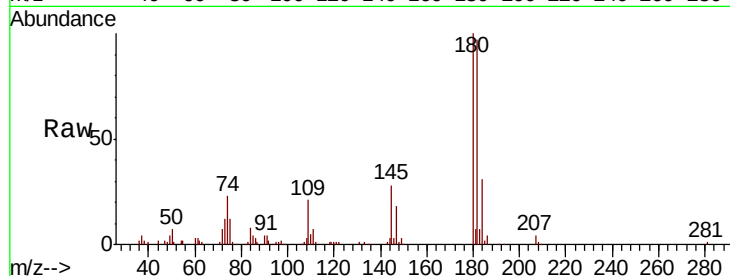




#93
 1,2,4-Trichlorobenzene
 Concen: 16.60 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.2	144.6
145	28.6	14.1	42.2

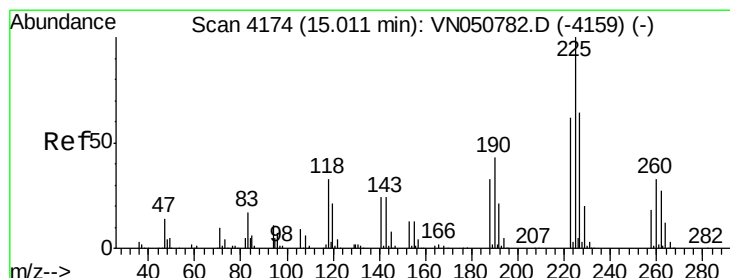
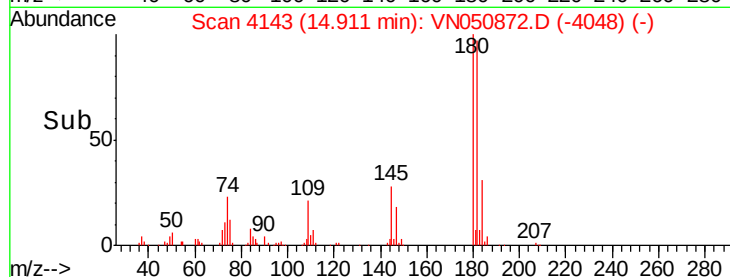
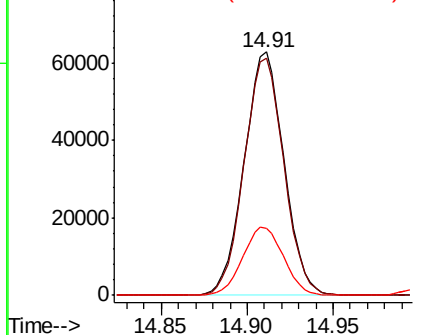


Abundance

Ion 179.80 (179.50 to 180.50): V

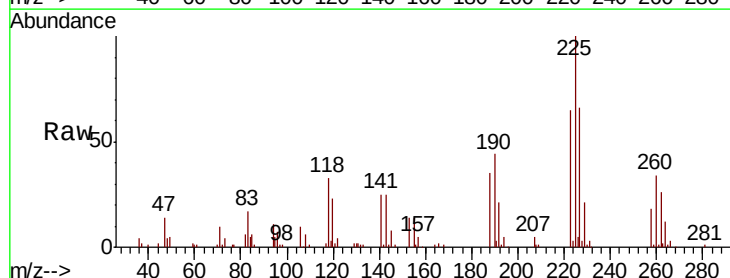
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.03 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050872.D
 Acq: 24 Aug 2018 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.3	93.8
227	65.0	32.0	96.2

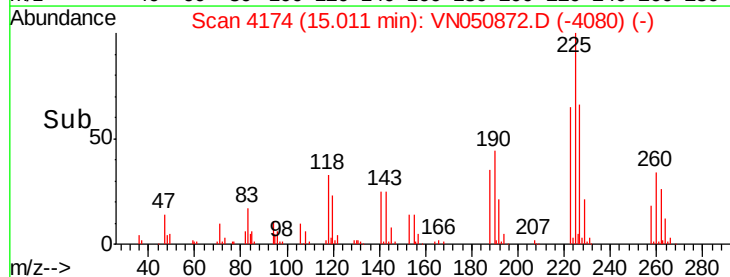
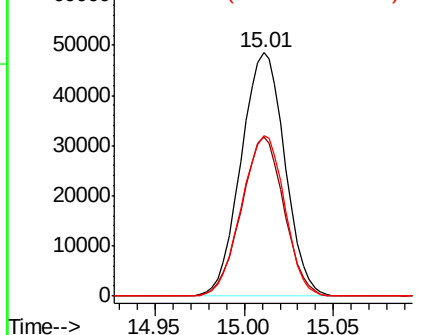


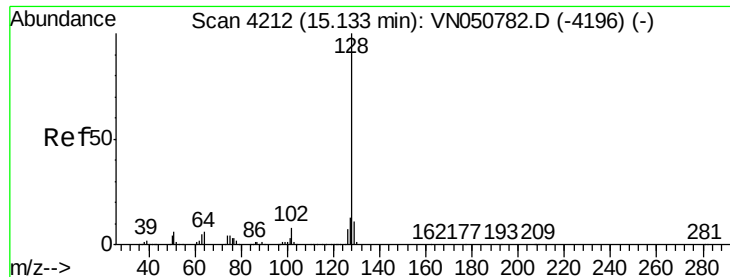
Abundance

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: 16.53 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0824MBSD01

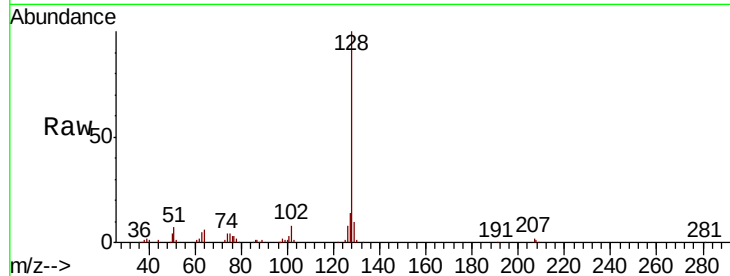
Tot Ion:128 Resp: 192700

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

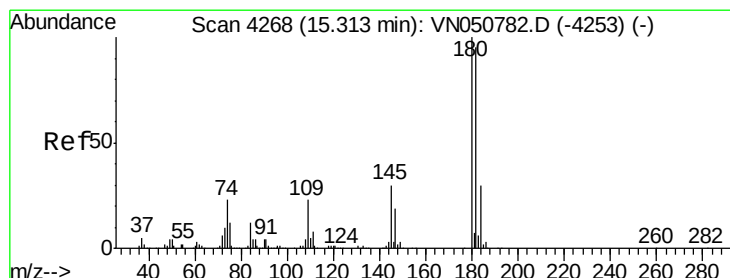
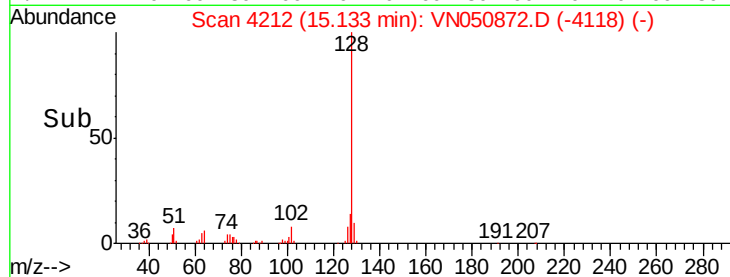
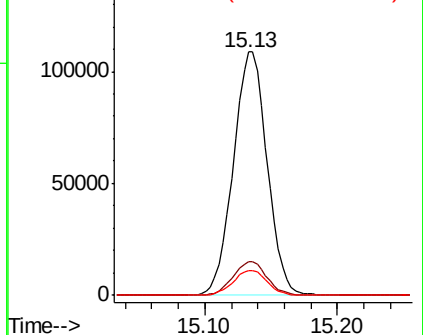
129 10.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.45 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050872.D

Acq: 24 Aug 2018 13:14

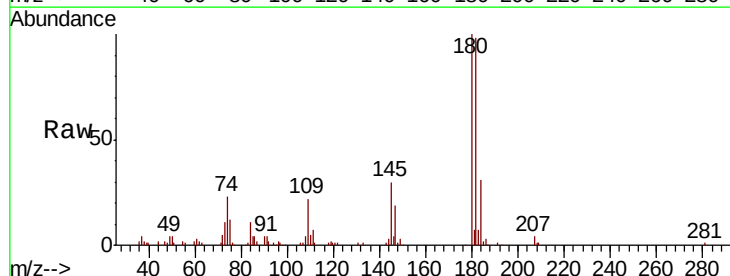
Tgt Ion:180 Resp: 105271

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.2

145 30.5 15.2 45.6



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

