

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053070.D
 Acq On : 20 Dec 2018 21:42
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:36:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1108520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1716393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1451398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	625343	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	584351	51.95	ug/l	0.00
Spiked Amount			Recovery	=	103.90%	
35) Dibromofluoromethane	7.59	113	463242	59.08	ug/l	0.00
Spiked Amount			Recovery	=	118.16%	
50) Toluene-d8	10.09	98	2087287	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	679845	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	520922	46.432	ug/l	100
3) Chloromethane	2.06	50	603531	44.393	ug/l	100
4) Vinyl Chloride	2.19	62	665330	48.322	ug/l	100
5) Bromomethane	2.57	94	430001	45.076	ug/l	98
6) Chloroethane	2.71	64	394658	48.397	ug/l	99
7) Trichlorofluoromethane	3.03	101	867960	50.603	ug/l	99
8) Diethyl Ether	3.41	74	336747	52.041	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	545425	49.873	ug/l	98
10) Methyl Iodide	3.96	142	769351	50.094	ug/l	99
11) Tert butyl alcohol	4.78	59	165434	241.019	ug/l	99
12) 1,1-Dichloroethene	3.74	96	531504	50.305	ug/l	99
13) Acrolein	3.61	56	199983	321.320	ug/l	100
14) Allyl chloride	4.33	41	878300	53.666	ug/l	95
15) Acrylonitrile	4.99	53	967944	253.837	ug/l	99
16) Acetone	3.82	43	590769	267.844	ug/l	96
17) Carbon Disulfide	4.06	76	1498500	43.489	ug/l	99
18) Methyl Acetate	4.33	43	513323	51.251	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1486770	52.583	ug/l	99
20) Methylene Chloride	4.56	84	595342	49.482	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	565038	49.775	ug/l	98
22) Diisopropyl ether	5.95	45	1864945	53.386	ug/l	98
23) Vinyl Acetate	5.90	43	5332682	265.471	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1083509	52.197	ug/l	99
25) 2-Butanone	6.83	43	1008289	272.391	ug/l	99
26) 2,2-Dichloropropane	6.83	77	758581	47.872	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	664844	51.733	ug/l	98
28) Bromochloromethane	7.20	49	469325	52.177	ug/l	95
29) Tetrahydrofuran	7.21	42	709396	256.598	ug/l	98
30) Chloroform	7.37	83	1053462	51.661	ug/l	100
31) Cyclohexane	7.66	56	978707	50.276	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	885030	50.948	ug/l	99
36) 1,1-Dichloropropene	7.80	75	813963	49.408	ug/l	100
37) Ethyl Acetate	6.93	43	478701	52.051	ug/l	98
38) Carbon Tetrachloride	7.78	117	756917	50.126	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	938541	46.896	ug/l	98
40) Benzene	8.04	78	2476726	50.542	ug/l	99
41) Methacrylonitrile	7.17	41	284431	53.526	ug/l	95
42) 1,2-Dichloroethane	8.13	62	728806	50.345	ug/l	99
43) Isopropyl Acetate	8.16	43	904977	50.867	ug/l	98
44) Trichloroethene	8.84	130	681836	48.106	ug/l	97
45) 1,2-Dichloropropane	9.12	63	653667	51.213	ug/l	100
46) Dibromomethane	9.21	93	369859	49.742	ug/l	99
47) Bromodichloromethane	9.40	83	798786	50.539	ug/l	99
48) Methyl methacrylate	9.20	41	451515	50.594	ug/l	99
49) 1,4-Dioxane	9.20	88	95766	848.322	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	2301408	258.399	ug/l	99
52) Toluene	10.16	92	1493849	49.183	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	800090	48.140	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	946855	49.633	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	531083	50.120	ug/l	100
56) Ethyl methacrylate	10.43	69	713954	50.905	ug/l	97
57) 1,3-Dichloropropane	10.71	76	914740	50.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1985505	257.865	ug/l	98
59) 2-Hexanone	10.75	43	1509158	250.445	ug/l	99
60) Dibromochloromethane	10.90	129	589144	48.572	ug/l	99
61) 1,2-Dibromoethane	11.01	107	528176	49.079	ug/l	99
64) Tetrachloroethene	10.63	164	762908	48.525	ug/l	98
65) Chlorobenzene	11.43	112	1599954	49.729	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	584022	52.200	ug/l	100
67) Ethyl Benzene	11.51	91	2764294	49.960	ug/l	99
68) m/p-Xylenes	11.62	106	2056329	97.762	ug/l	100
69) o-Xylene	11.95	106	1007698	49.926	ug/l	100
70) Styrene	11.96	104	1649475	50.118	ug/l	99
71) Bromoform	12.13	173	383236	47.415	ug/l #	100
73) Isopropylbenzene	12.25	105	2659409	54.354	ug/l	100
74) N-amyl acetate	12.07	43	758049	55.804	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	544228	56.697	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	737587	70.066	ug/l #	100
77) Bromobenzene	12.53	156	668445	52.557	ug/l	98
78) n-propylbenzene	12.59	91	2929783	52.577	ug/l	99
79) 2-Chlorotoluene	12.67	91	1727927	50.026	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2045633	51.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	164320	50.311	ug/l	98
82) 4-Chlorotoluene	12.77	91	1740331	51.471	ug/l	100
83) tert-Butylbenzene	12.99	119	1803303	51.128	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2059916	51.381	ug/l	99
85) sec-Butylbenzene	13.17	105	2371485	49.710	ug/l	99
86) p-Isopropyltoluene	13.29	119	2038342	49.447	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1108604	49.249	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1096624	48.107	ug/l	100
89) n-Butylbenzene	13.62	91	1636459	46.144	ug/l	100
90) Hexachloroethane	13.88	117	311383	49.223	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1045117	49.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77947	46.964	ug/l	97

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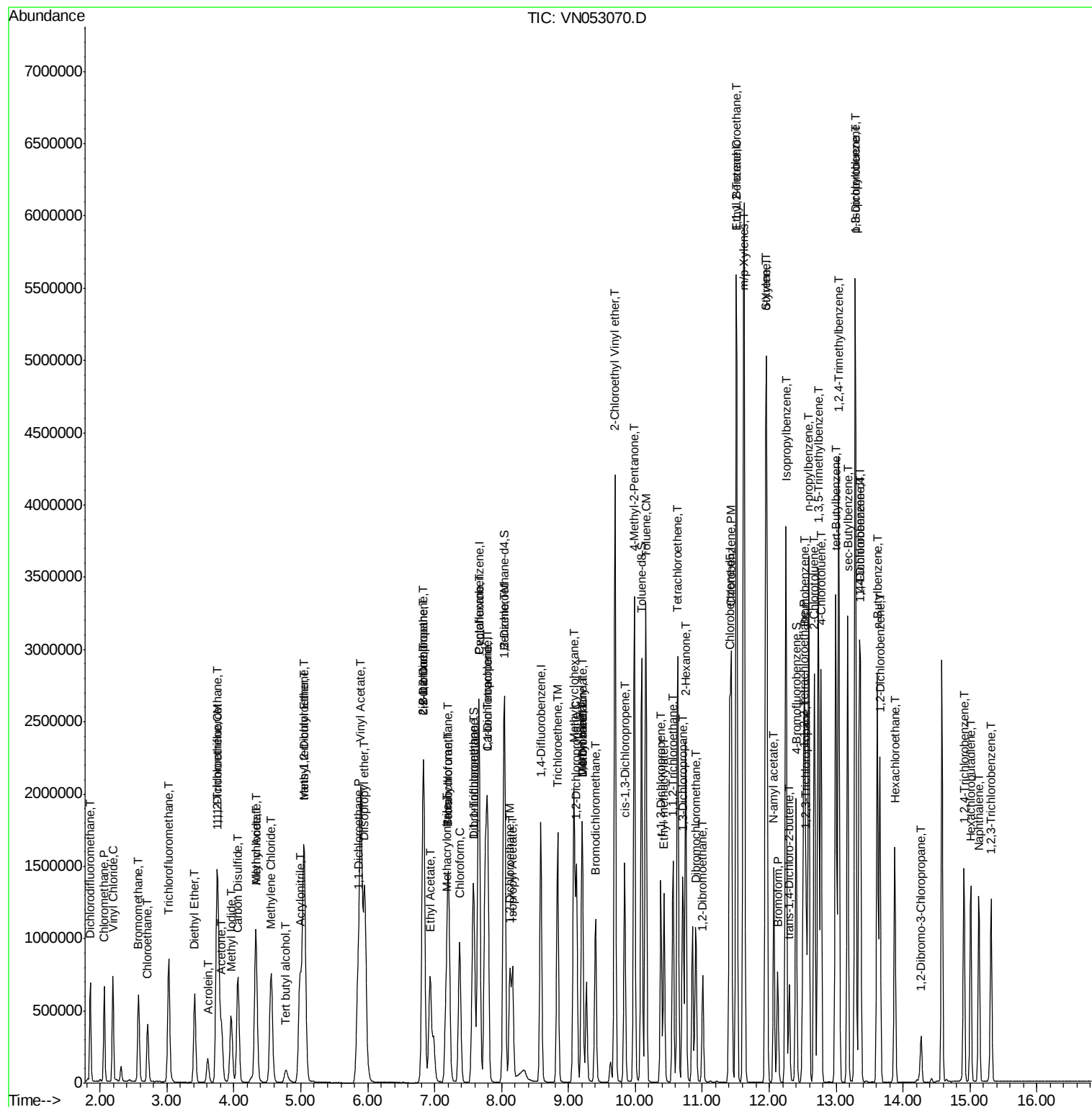
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	533802	47.588	ug/l	99
94) Hexachlorobutadiene	15.01	225	298220	51.395	ug/l	99
95) Naphthalene	15.13	128	1143505	46.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	479587	47.475	ug/l	100

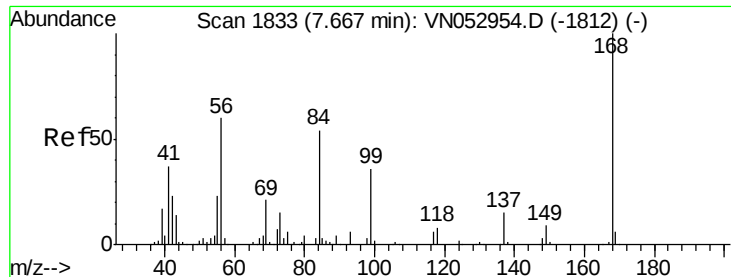
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122018\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

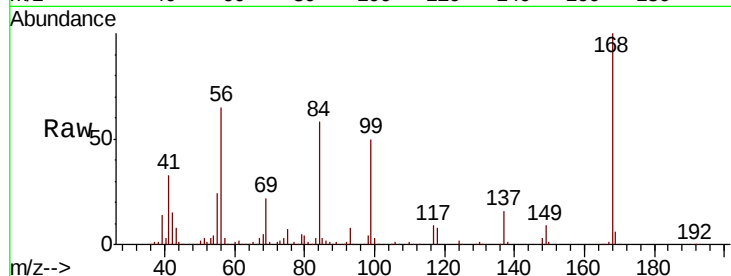
ClientSampled :

Tot Ion:168 Resp: 1108520

Ion Ratio Lower Upper

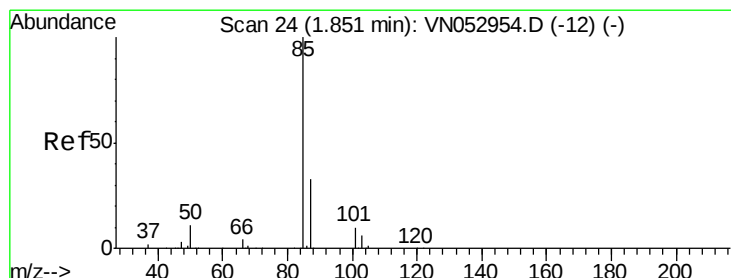
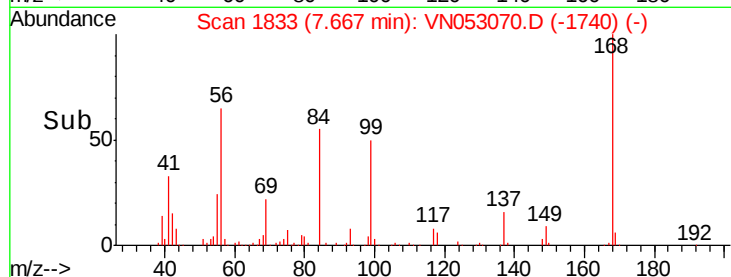
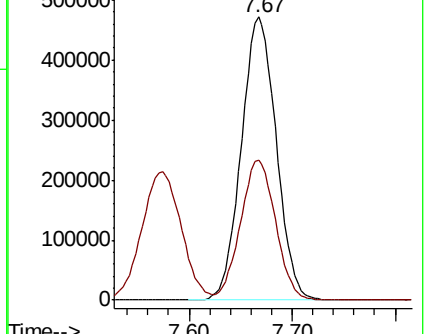
168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.432 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053070.D

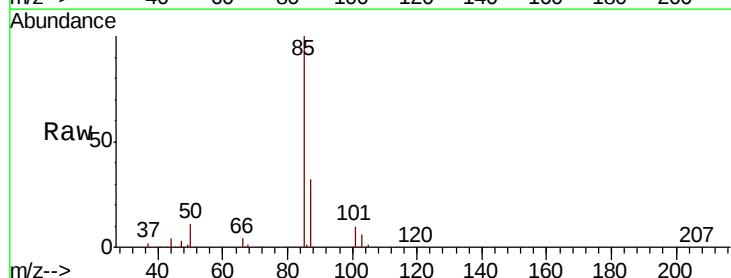
Acq: 20 Dec 2018 21:42

Tgt Ion: 85 Resp: 520922

Ion Ratio Lower Upper

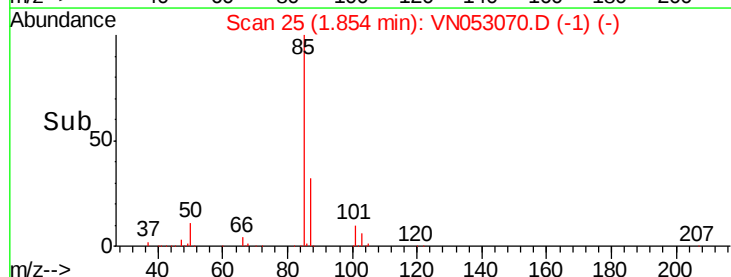
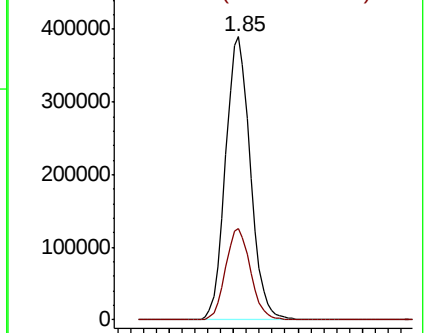
85 100

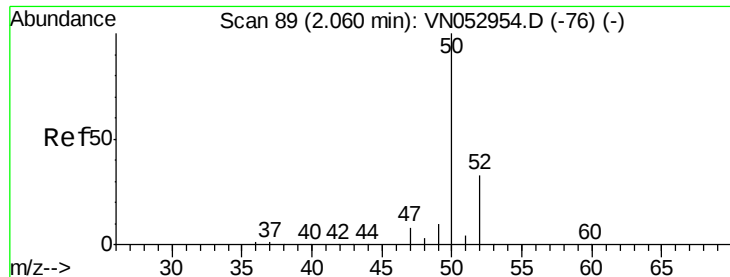
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.393 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

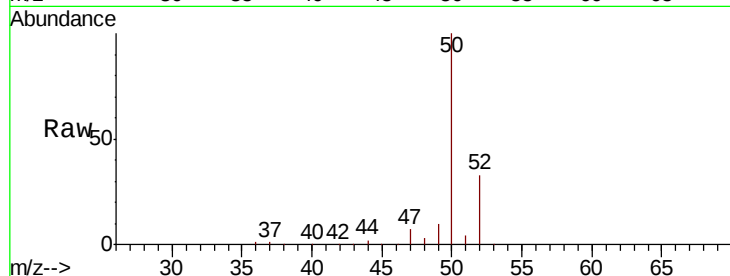
ClientSampled :

Tot Ion: 50 Resp: 603531

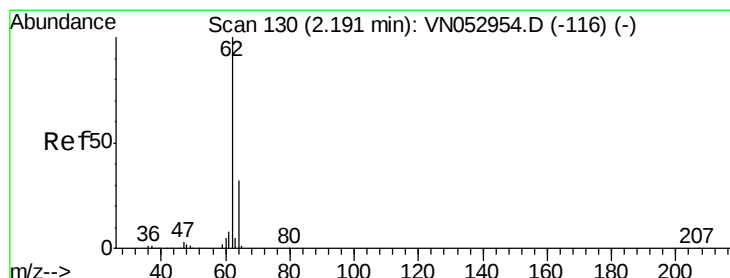
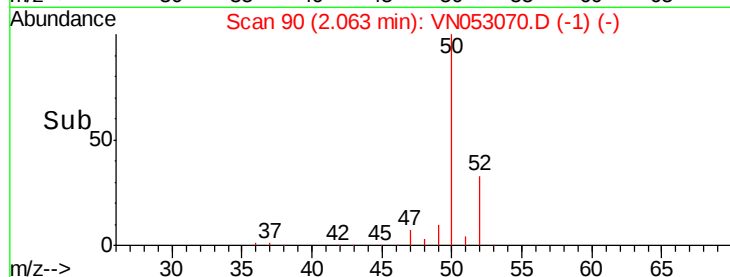
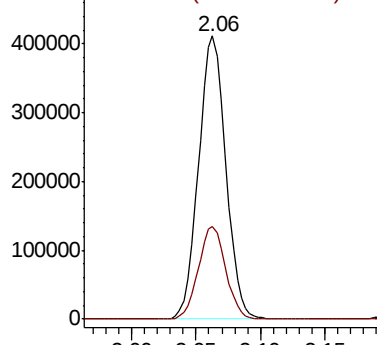
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.322 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053070.D

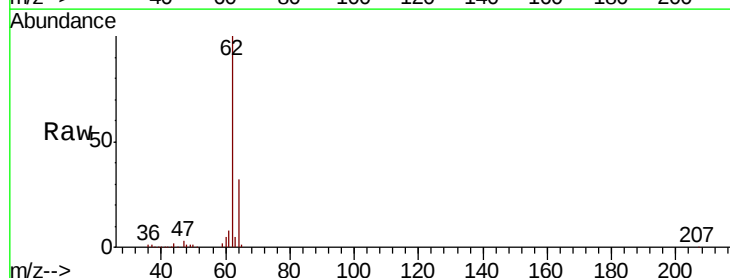
Acq: 20 Dec 2018 21:42

Tgt Ion: 62 Resp: 665330

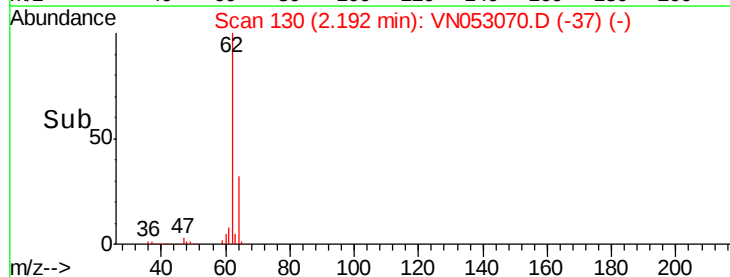
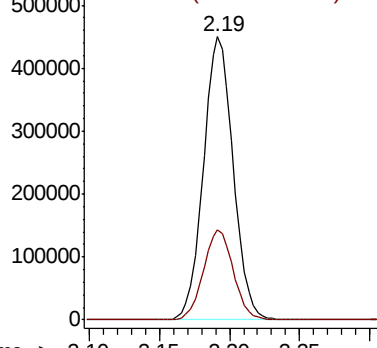
Ion Ratio Lower Upper

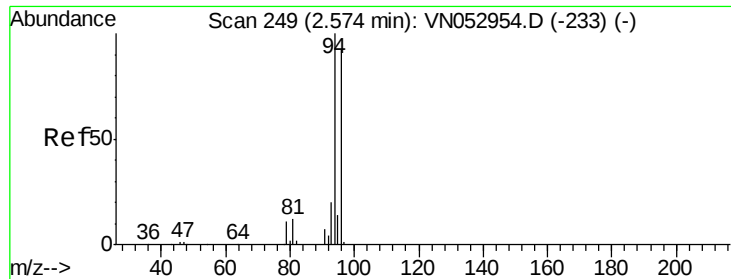
62 100

64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 45.076 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

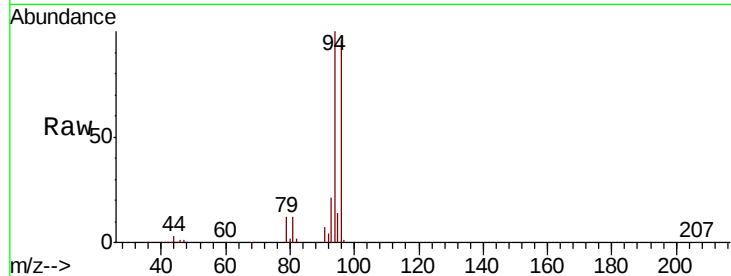
ClientSampleId :

Tot Ion: 94 Resp: 430001

Ion Ratio Lower Upper

94 100

96 95.9 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

200000

150000

100000

50000

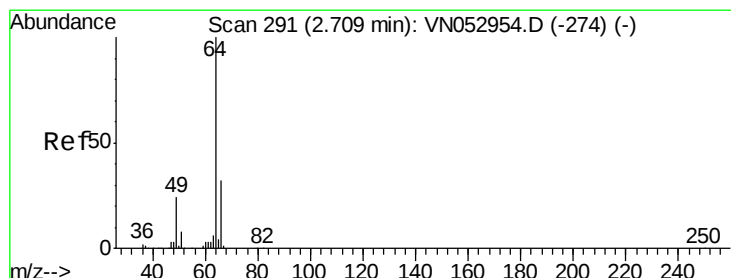
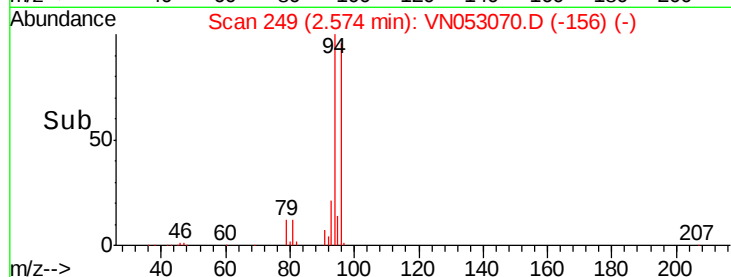
0

2.50

2.60

2.70

Time-->



#6

Chloroethane

Concen: 48.397 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053070.D

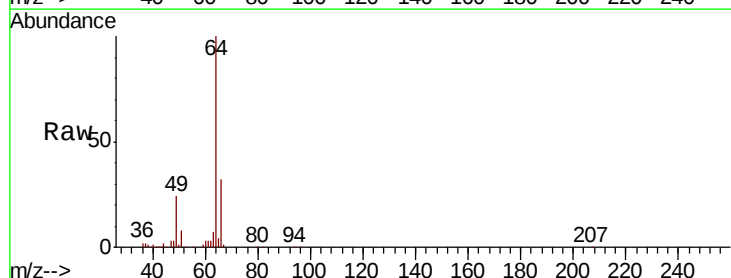
Acq: 20 Dec 2018 21:42

Tgt Ion: 64 Resp: 394658

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

200000

150000

100000

50000

0

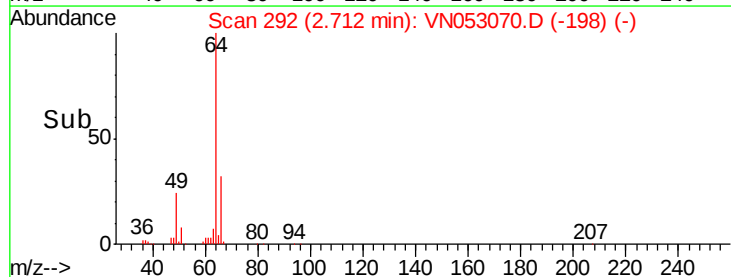
2.65

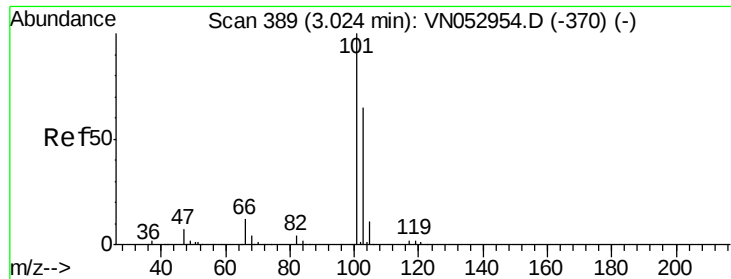
2.70

2.75

2.80

Time-->



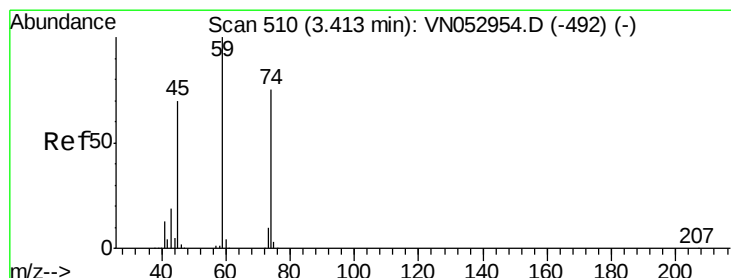
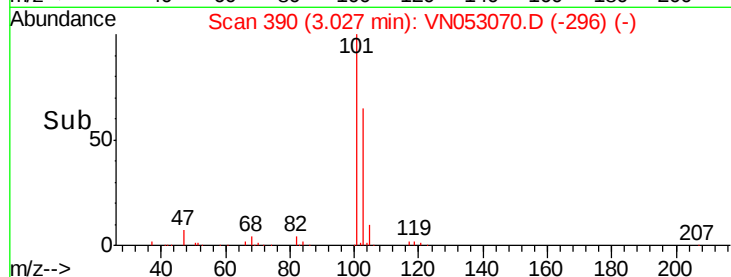
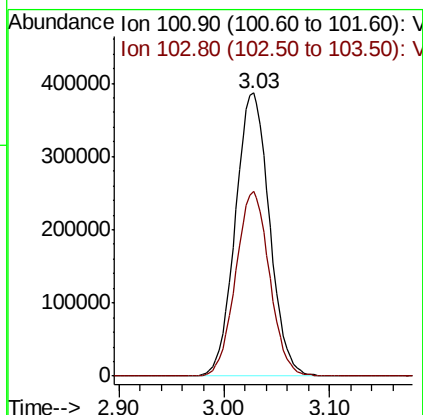
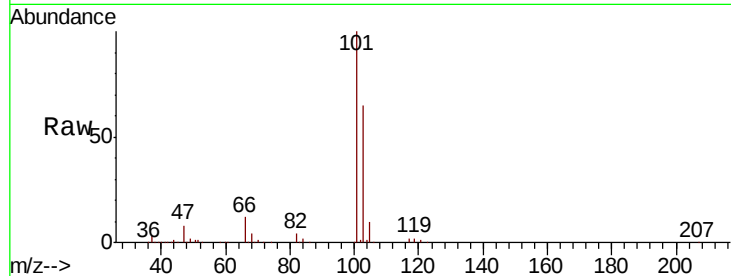


#7

Trichlorofluoromethane
 Concen: 50.603 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
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 ClientSampleId :

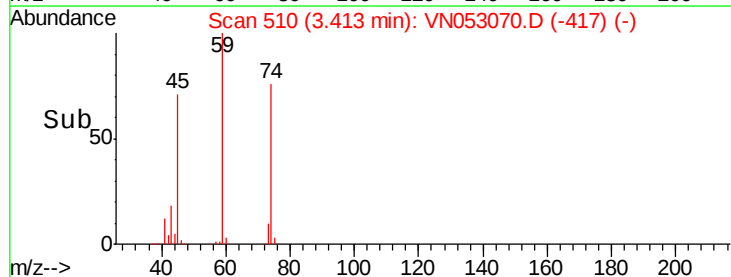
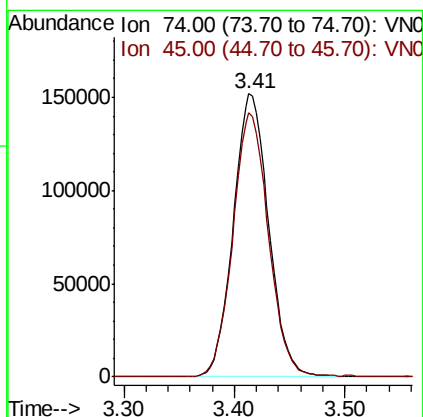
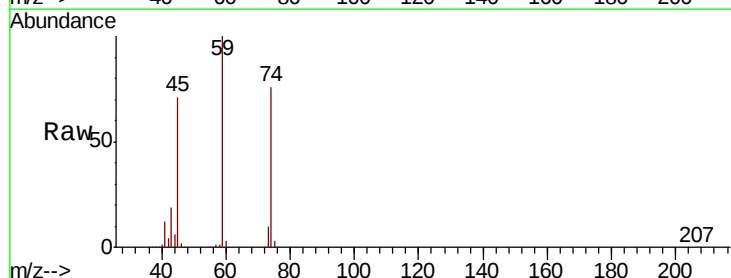
Tot Ion:101 Resp: 867960
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

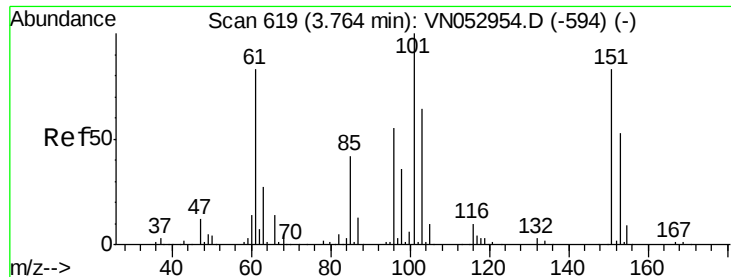


#8

Diethyl Ether
 Concen: 52.041 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 74 Resp: 336747
 Ion Ratio Lower Upper
 74 100
 45 93.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.873 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

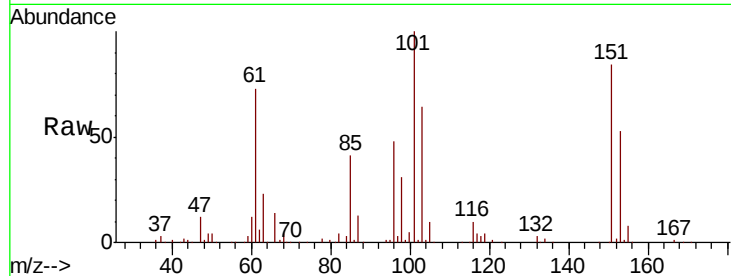
Tot Ion:101 Resp: 545425

Ion Ratio Lower Upper

101 100

85 41.7 33.6 50.4

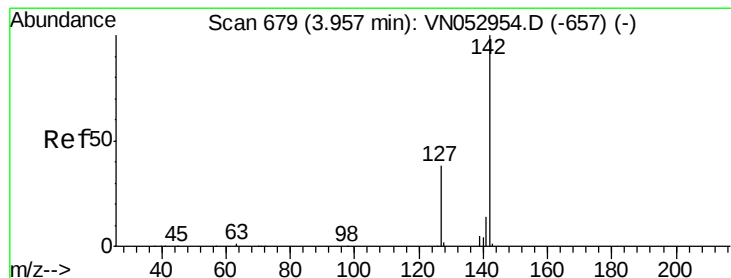
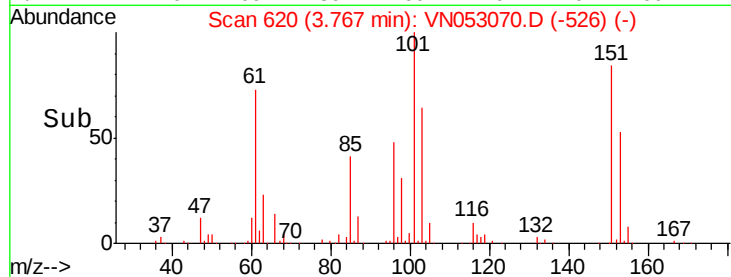
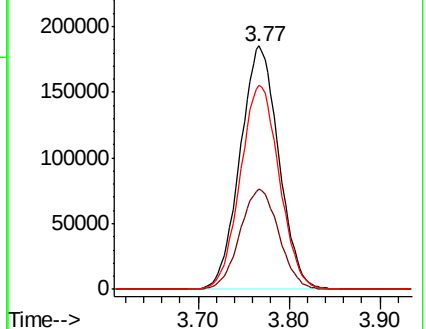
151 85.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.094 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

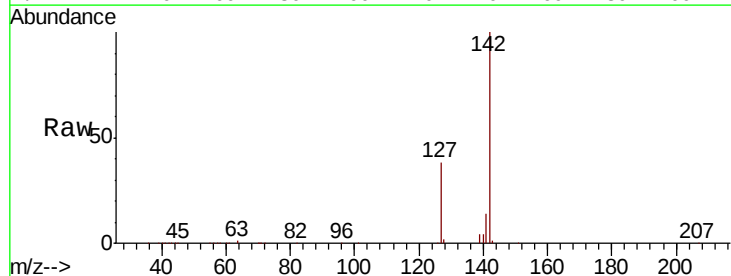
Tgt Ion:142 Resp: 769351

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.6

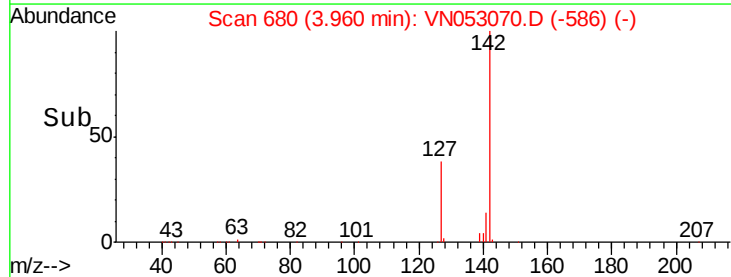
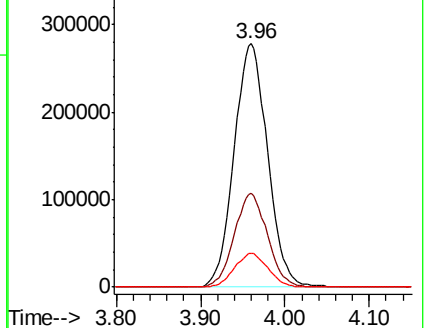
141 13.9 11.2 16.8

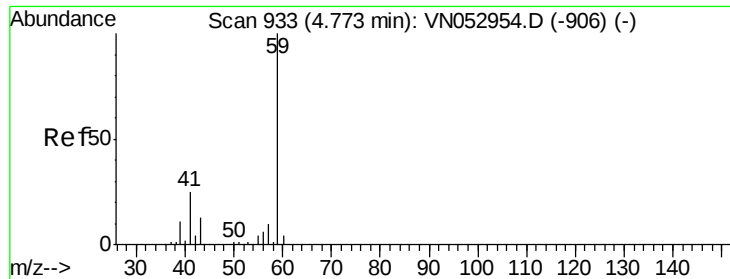


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



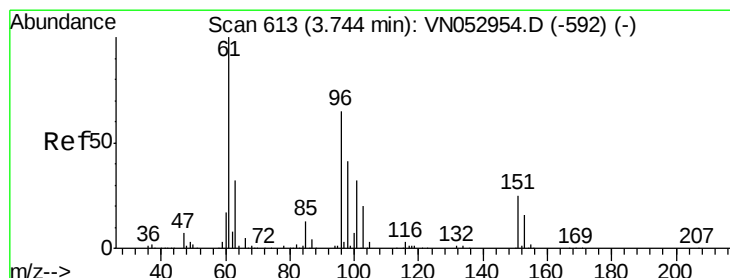
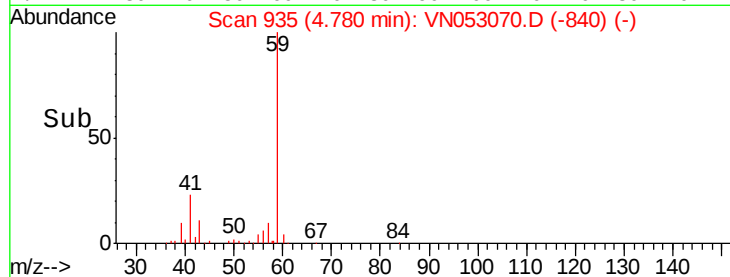
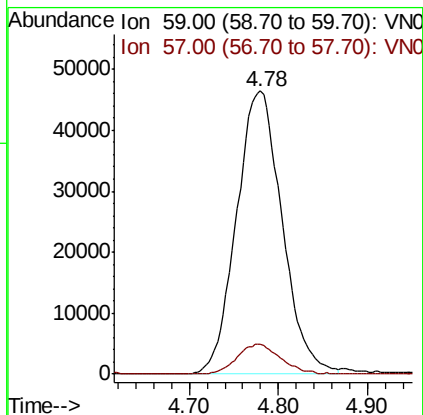
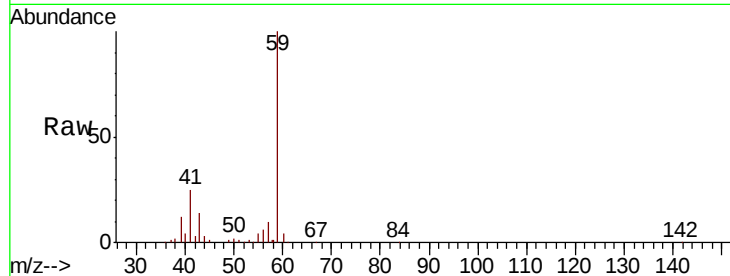


#11

Tert butyl alcohol
 Concen: 241.019 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampled :

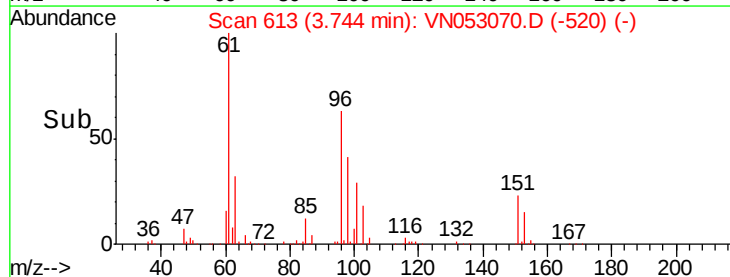
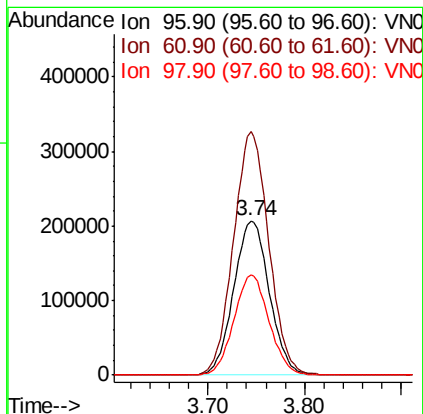
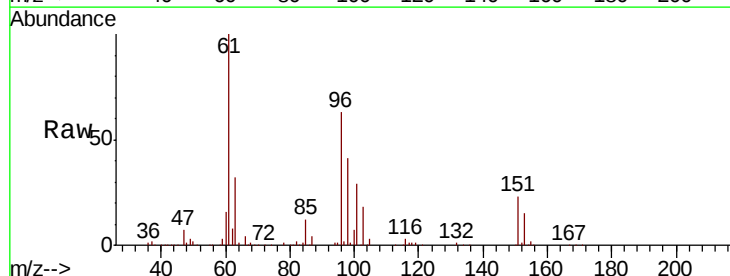
Tot Ion: 59 Resp: 165434
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.7 11.5

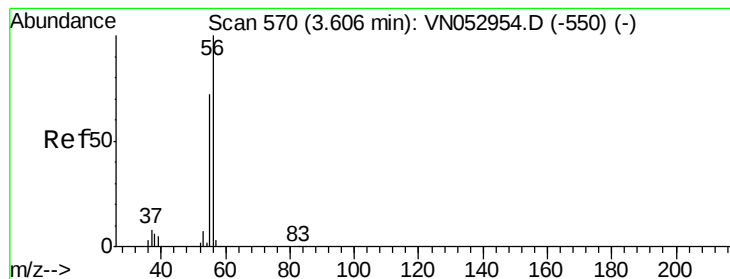


#12

1,1-Dichloroethene
 Concen: 50.305 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 96 Resp: 531504
 Ion Ratio Lower Upper
 96 100
 61 157.6 125.6 188.4
 98 65.0 50.6 75.8





#13

Acrolein

Concen: 321.320 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

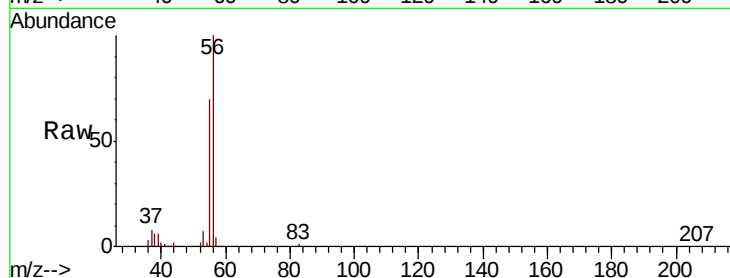
ClientSampled :

Tot Ion: 56 Resp: 199983

Ion Ratio Lower Upper

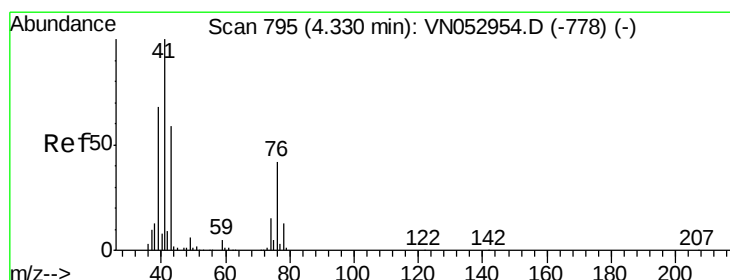
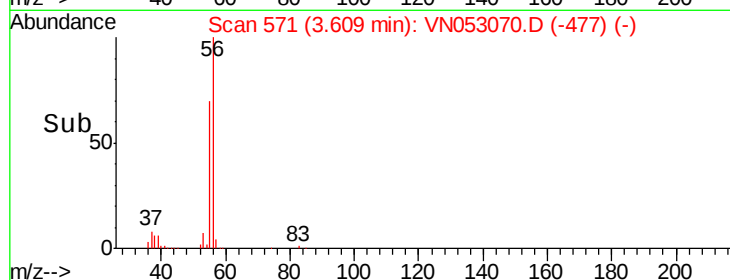
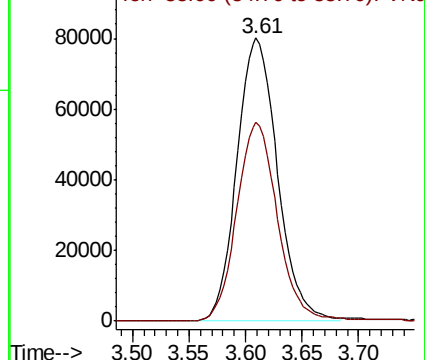
56 100

55 70.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 53.666 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

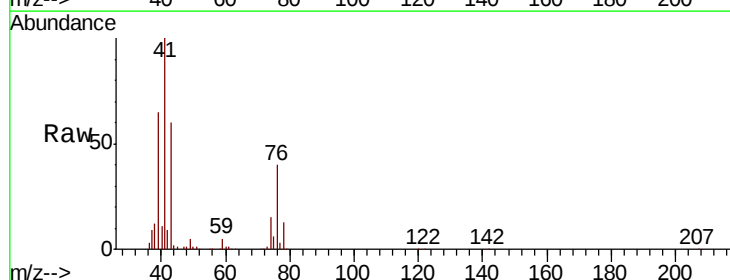
Tgt Ion: 41 Resp: 878300

Ion Ratio Lower Upper

41 100

39 62.1 54.1 81.1

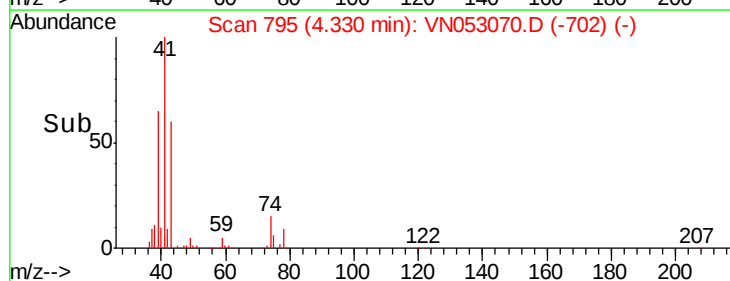
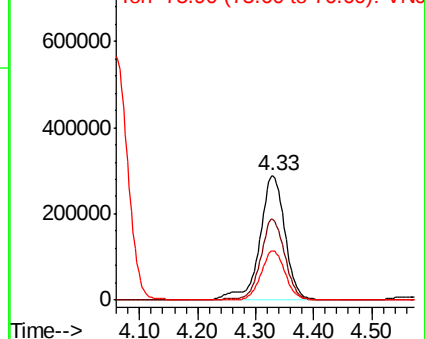
76 37.2 30.3 45.5

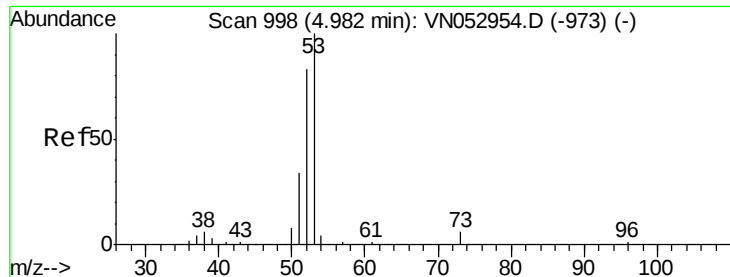


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 253.837 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

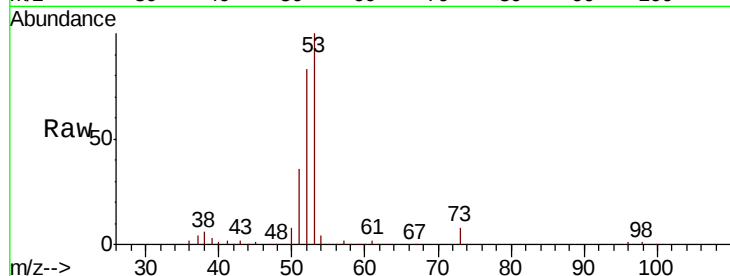
Tot Ion: 53 Resp: 967944

Ion Ratio Lower Upper

53 100

52 82.1 65.1 97.7

51 35.8 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN053070.D (-1000) (-)

Ion 52.00 (51.70 to 52.70): VN053070.D (-1000) (-)

Ion 51.00 (50.70 to 51.70): VN053070.D (-1000) (-)

4.99

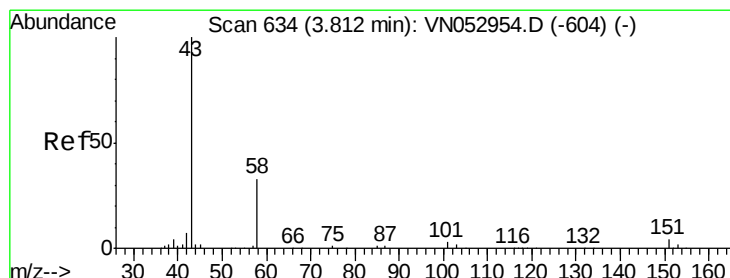
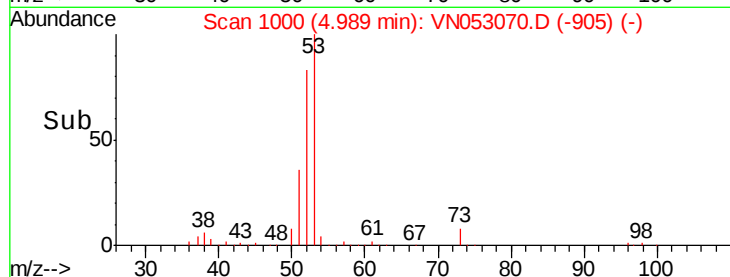
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 267.844 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053070.D

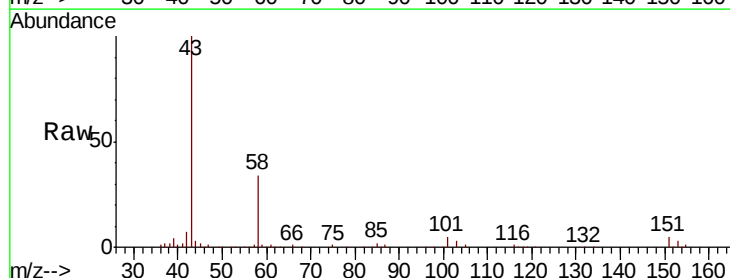
Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 590769

Ion Ratio Lower Upper

43 100

58 33.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN053070.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053070.D (-541) (-)

3.82

250000

200000

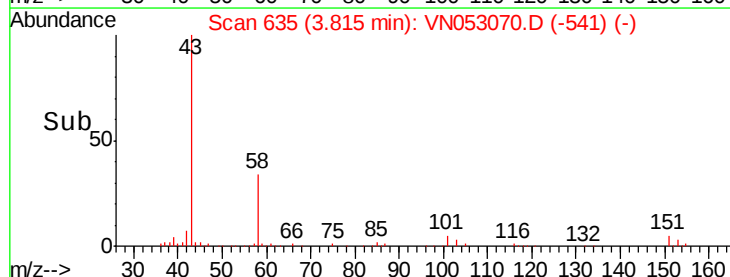
150000

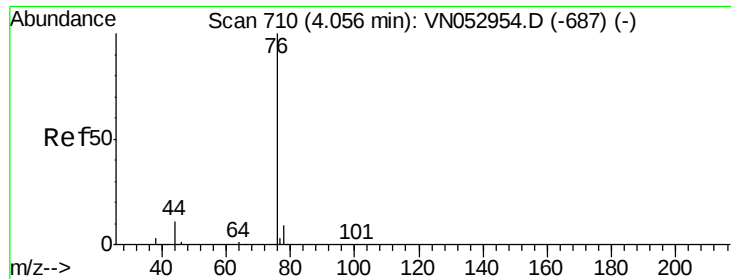
100000

50000

0

Time-->

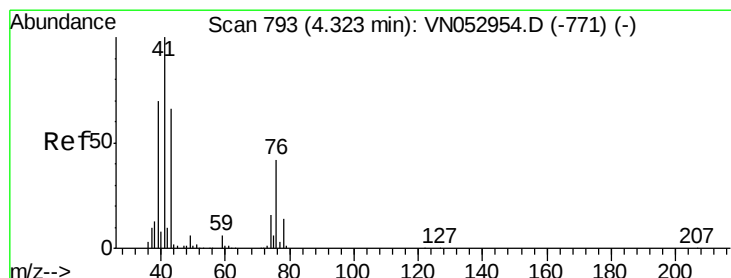
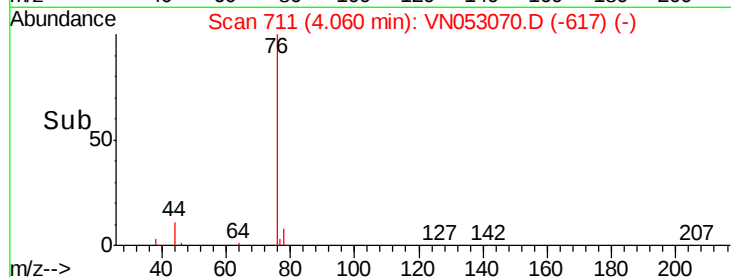
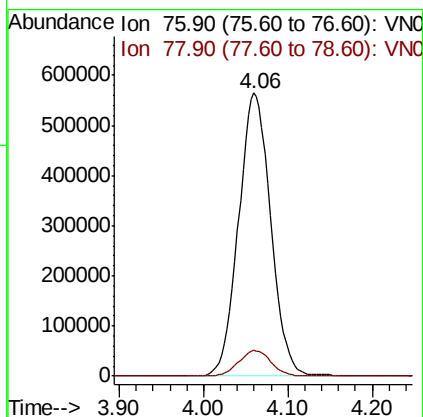
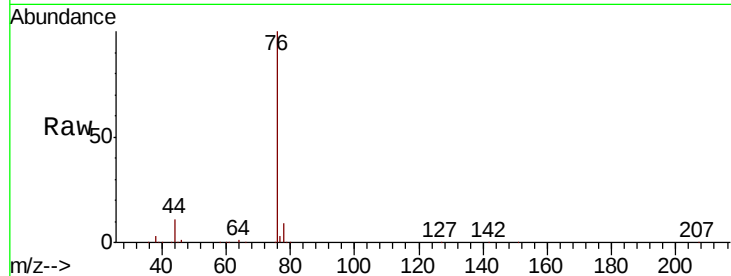




#17
Carbon Disulfide
Concen: 43.489 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

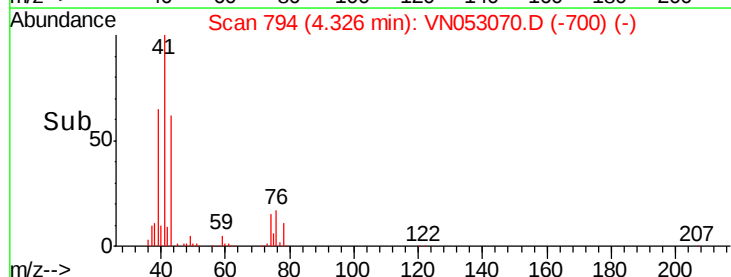
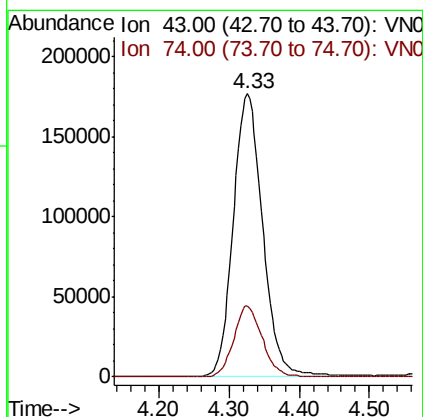
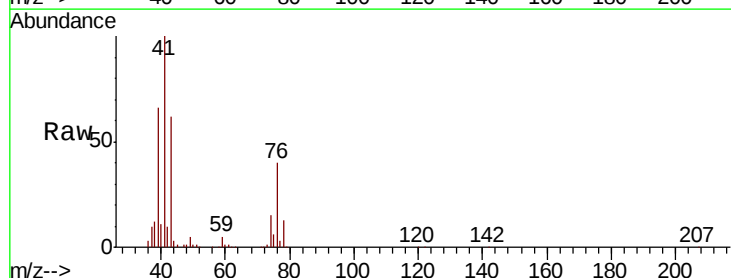
Instrument :
MSVOA_N
ClientSampled :

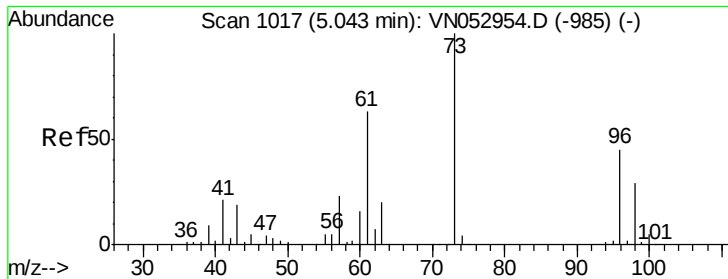
Tot Ion: 76 Resp: 1498500
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 51.251 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 513323
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

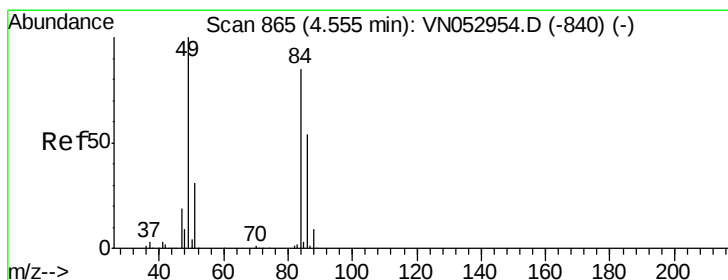
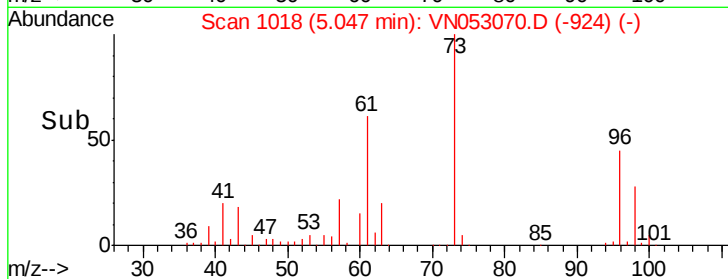
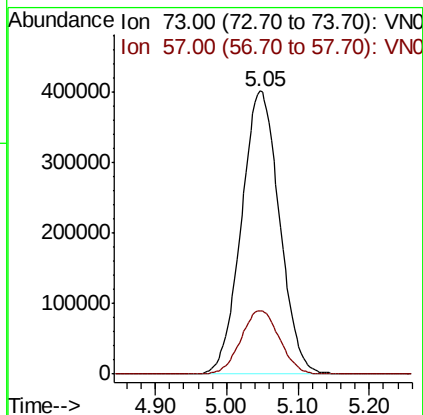
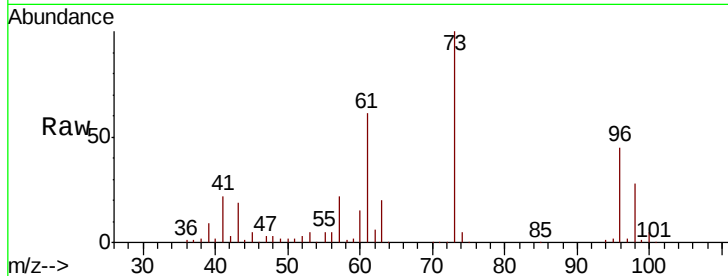




#19
Methvl tert-butvl Ether
Concen: 52.583 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

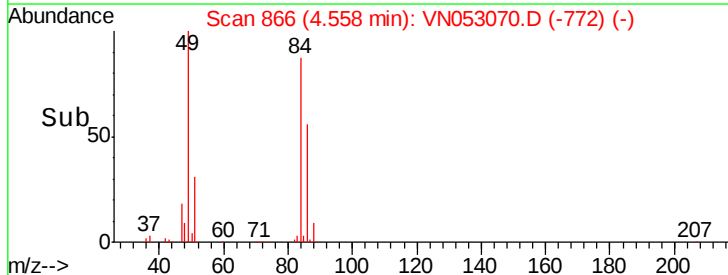
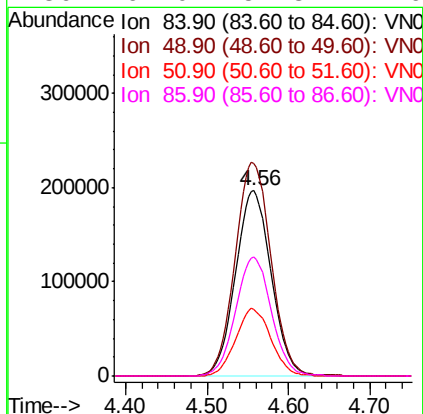
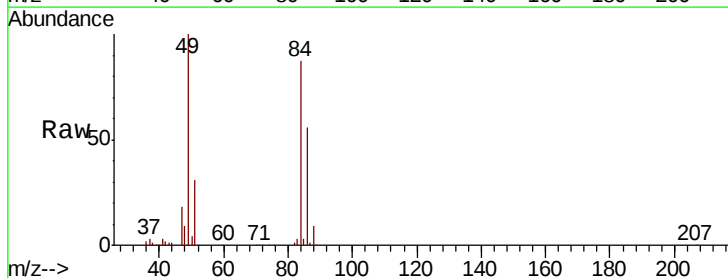
Instrument :
MSVOA_N
ClientSampleId :

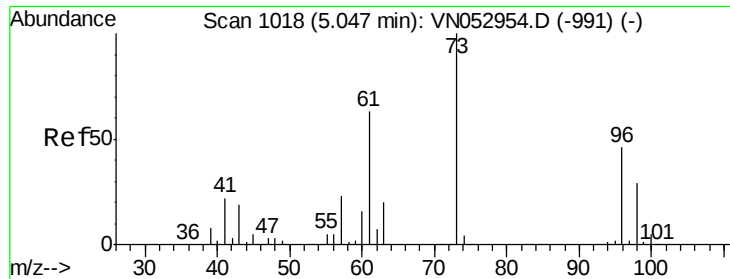
Tot Ion: 73 Resp: 1486770
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6



#20
Methylene Chloride
Concen: 49.482 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 84 Resp: 595342
Ion Ratio Lower Upper
84 100
49 114.9 96.8 145.2
51 36.0 29.9 44.9
86 64.0 51.8 77.6

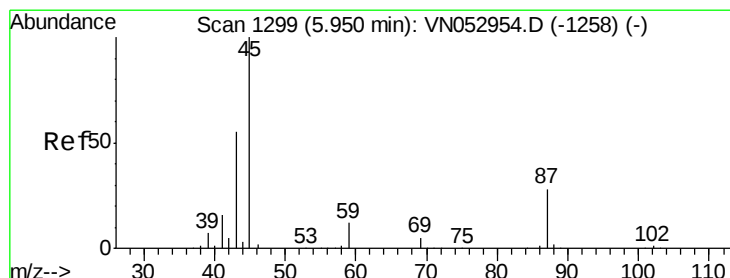
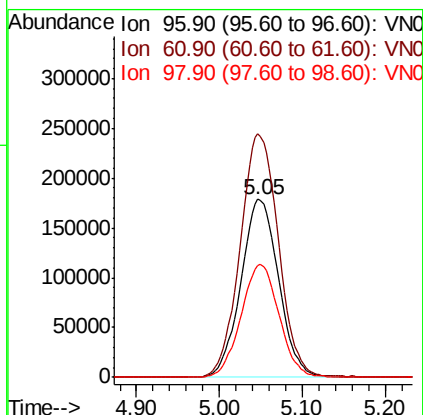
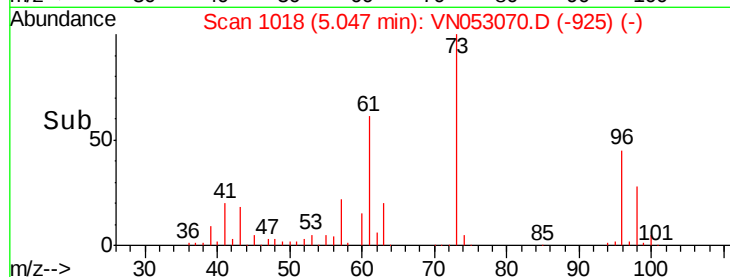
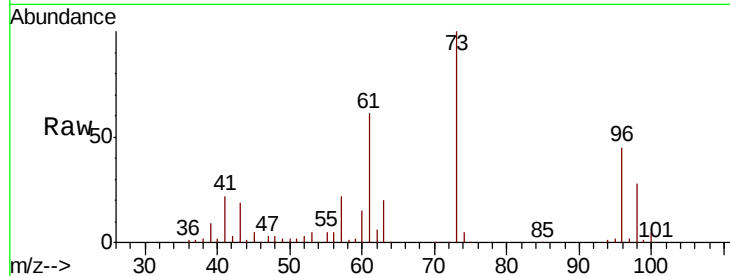




#21
trans-1,2-Dichloroethene
Concen: 49.775 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

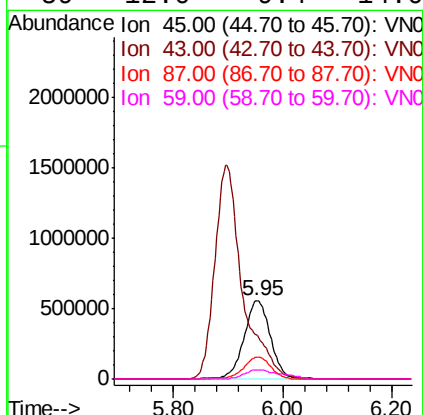
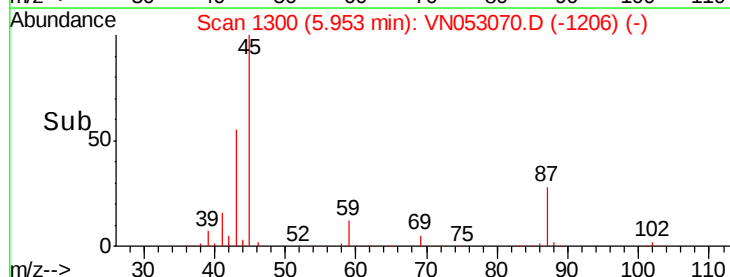
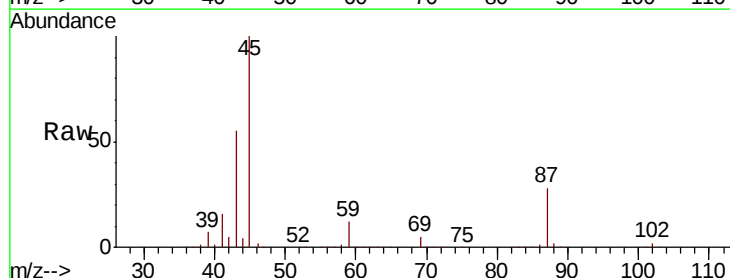
Instrument :
MSVOA_N
ClientSampled :

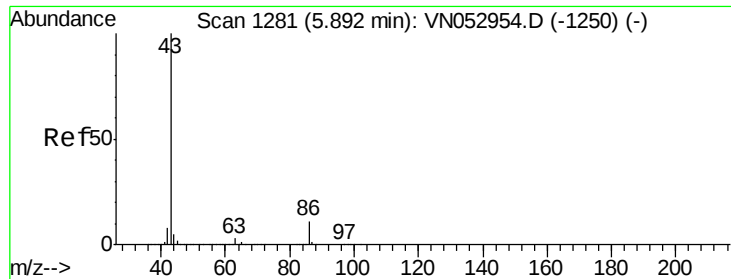
Tot Ion: 96 Resp: 565038
Ion Ratio Lower Upper
96 100
61 136.7 110.8 166.2
98 62.7 51.4 77.2



#22
Diisopropyl ether
Concen: 53.386 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 45 Resp: 1864945
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 28.1 22.0 33.0
59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 265.471 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

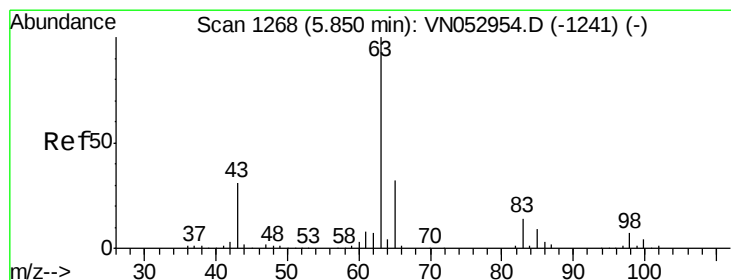
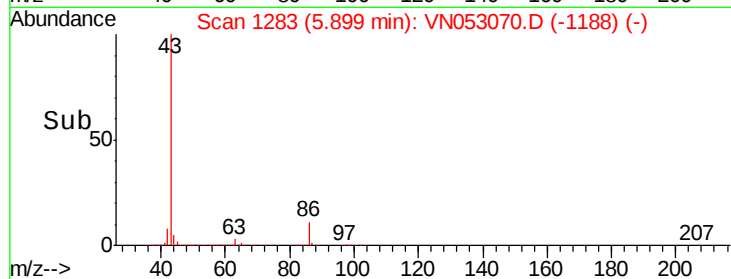
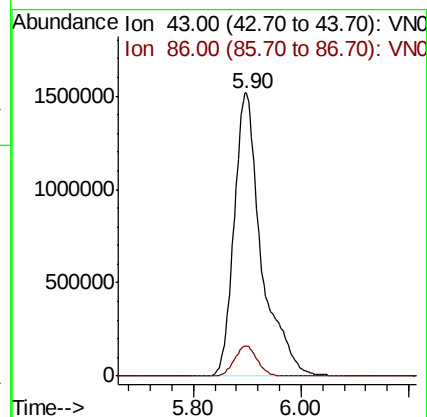
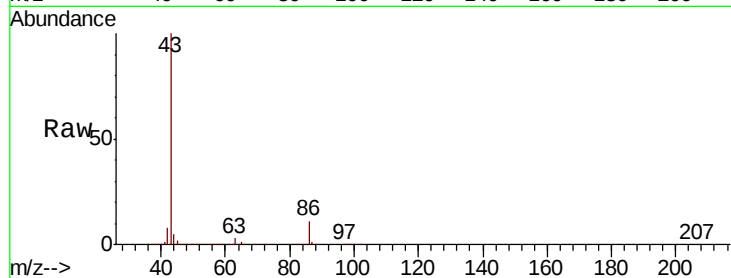
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 5332682

Ion Ratio Lower Upper

43 100

86 10.7 8.1 12.1



#24

1,1-Dichloroethane

Concen: 52.197 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

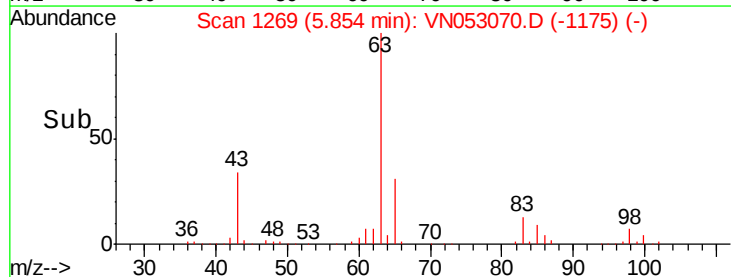
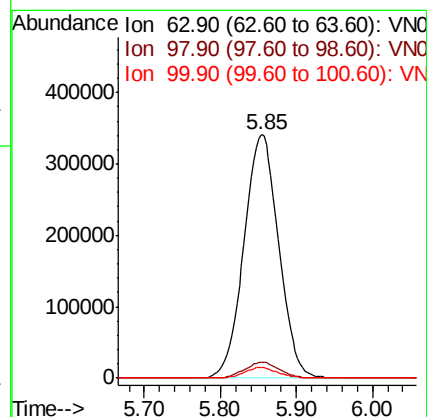
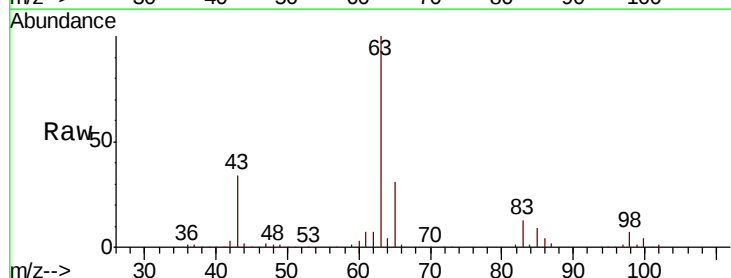
Tgt Ion: 63 Resp: 1083509

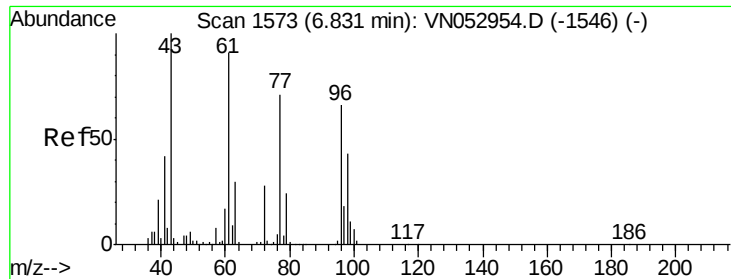
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 272.391 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

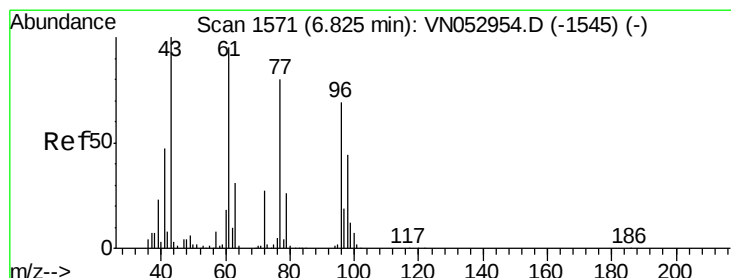
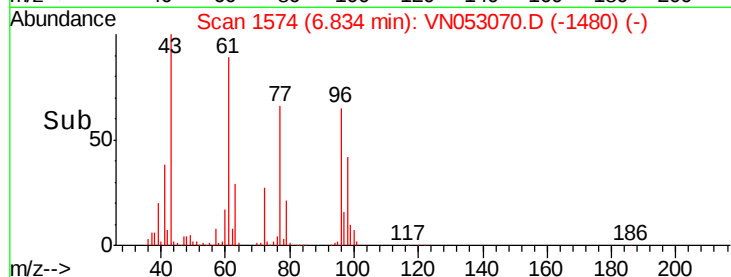
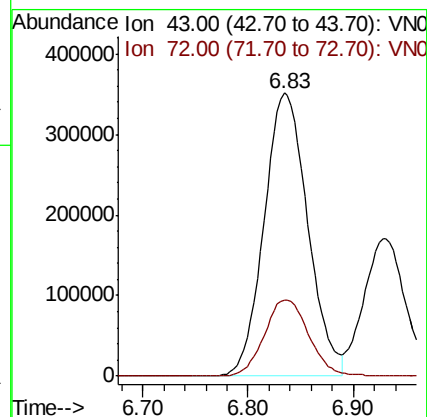
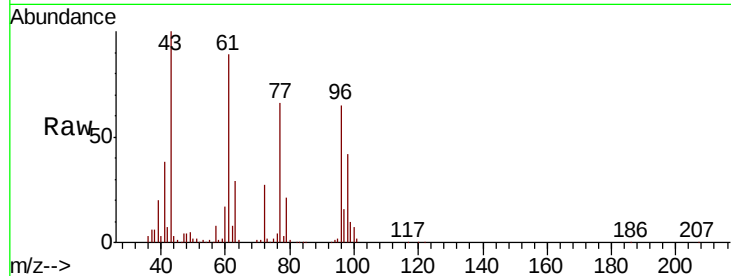
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1008289

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.872 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053070.D

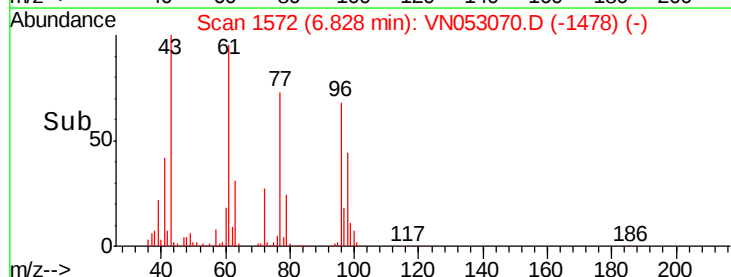
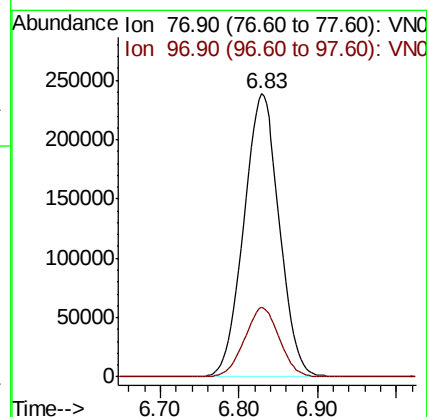
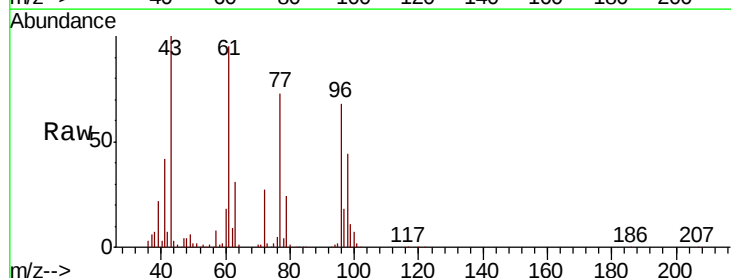
Acq: 20 Dec 2018 21:42

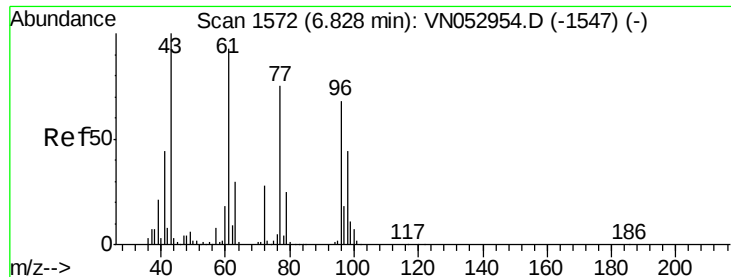
Tgt Ion: 77 Resp: 758581

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.733 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

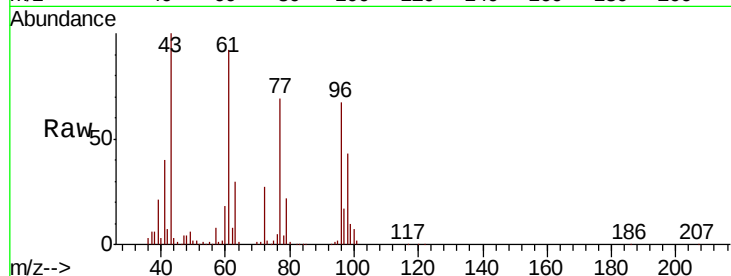
Tot Ion: 96 Resp: 664844

Ion Ratio Lower Upper

96 100

61 139.3 0.0 284.2

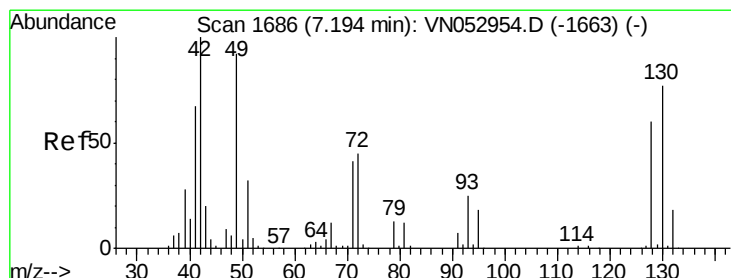
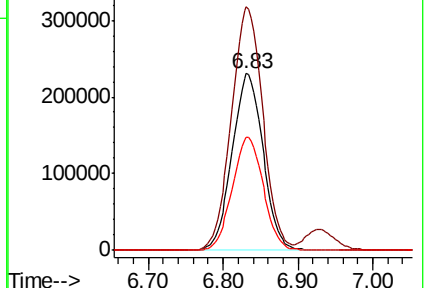
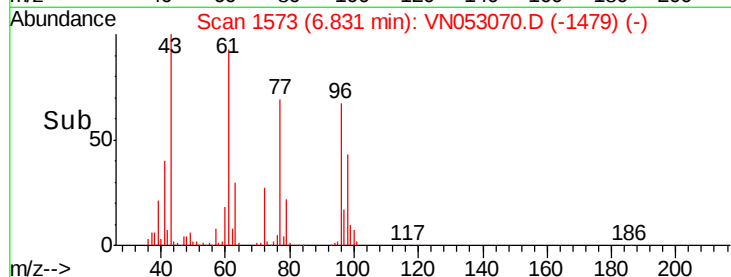
98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053070.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053070.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053070.D (-1479) (-)



#28

Bromochloromethane

Concen: 52.177 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

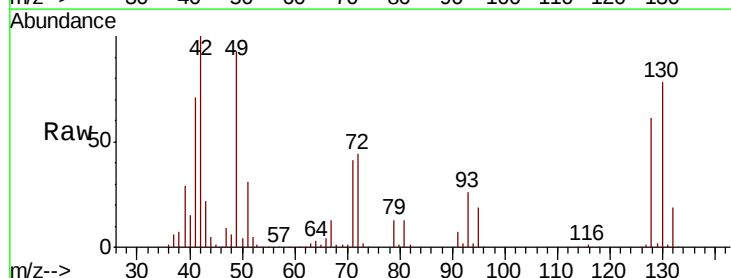
Tgt Ion: 49 Resp: 469325

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

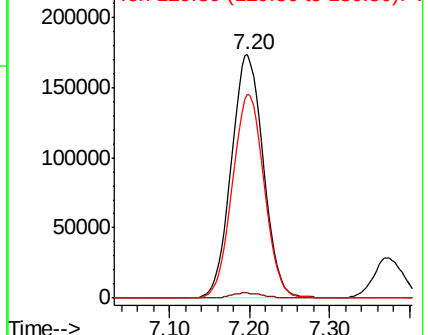
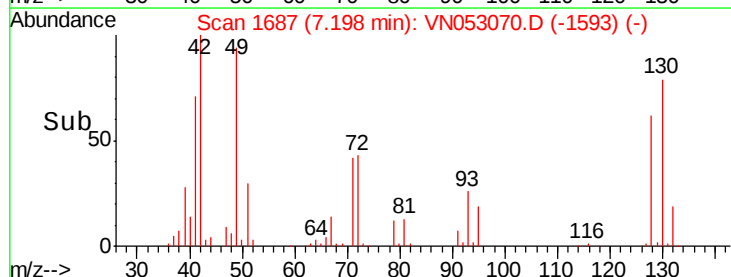
130 83.1 63.3 94.9

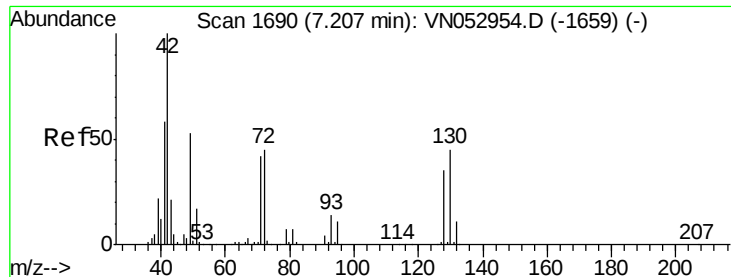


Abundance Ion 48.90 (48.60 to 49.60): VN053070.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053070.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053070.D (-1593) (-)

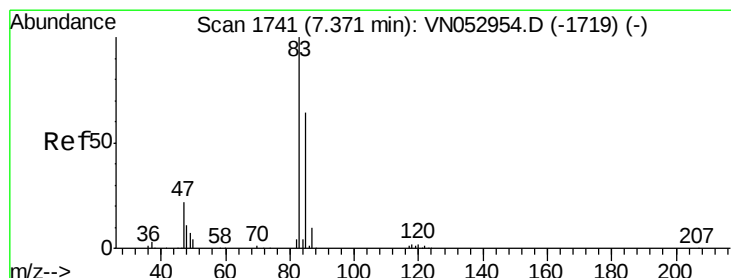
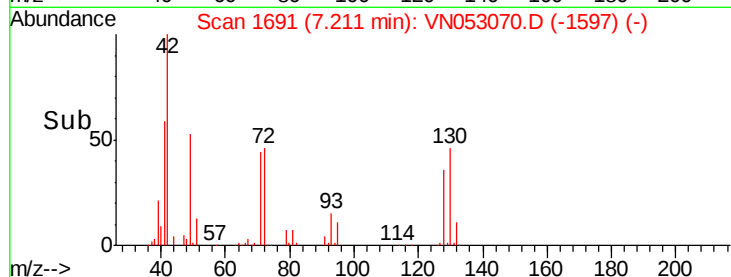
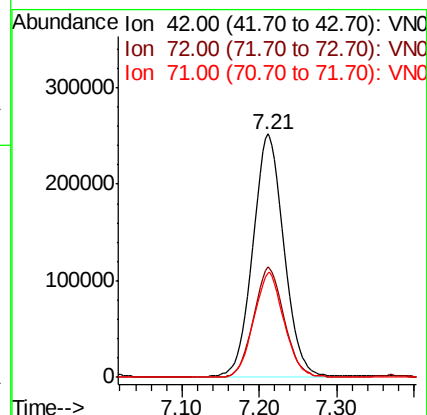
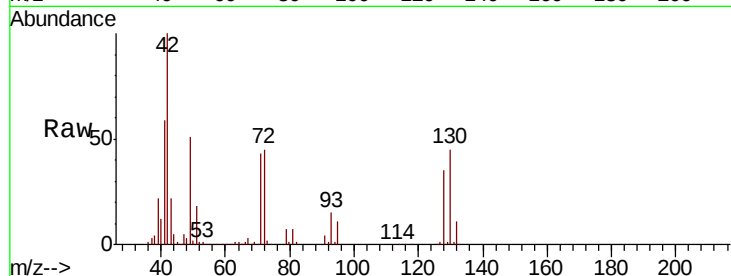




#29
Tetrahydrofuran
Concen: 256.598 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

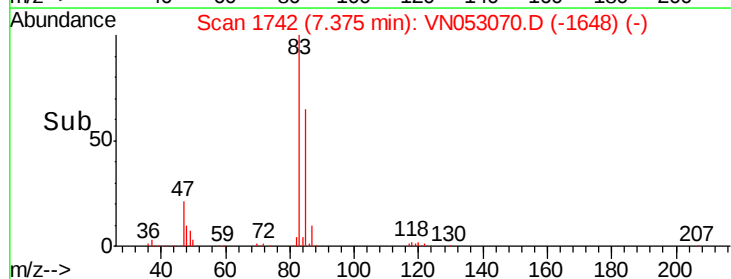
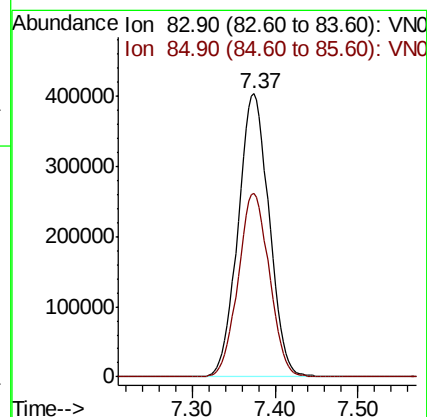
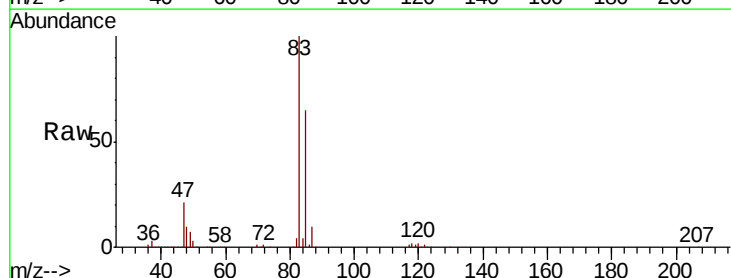
Instrument :
MSVOA_N
ClientSampleId :

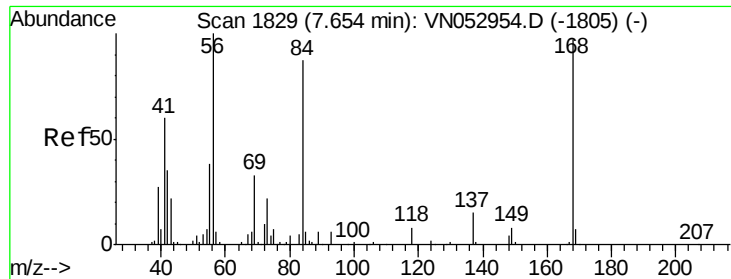
Tot Ion: 42 Resp: 709396
Ion Ratio Lower Upper
42 100
72 44.5 34.7 52.1
71 42.2 32.3 48.5



#30
Chloroform
Concen: 51.661 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 83 Resp: 1053462
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1

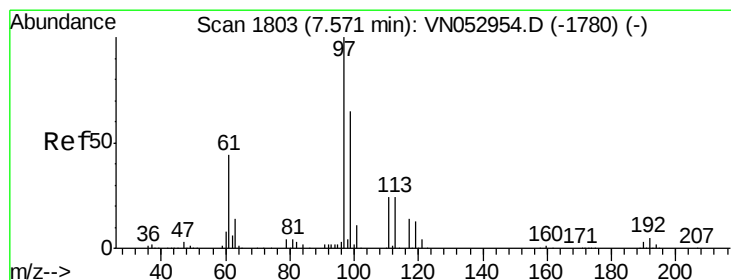
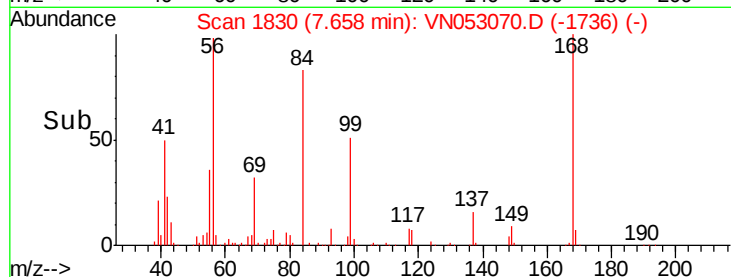
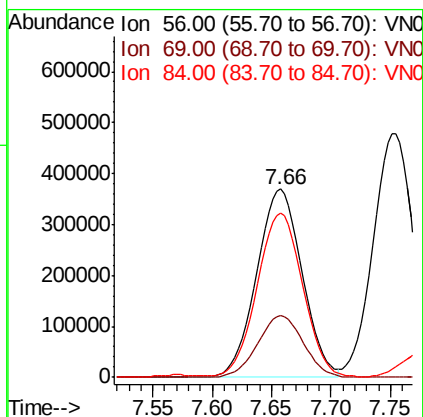
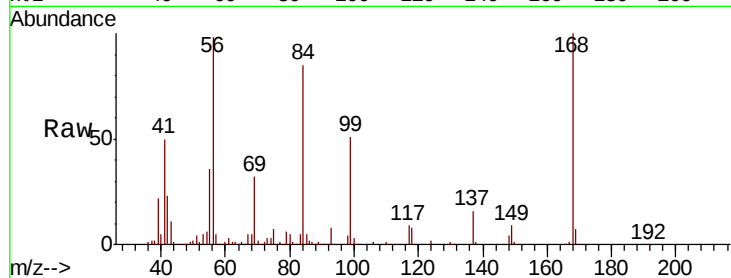




#31
Cyclohexane
Concen: 50.276 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

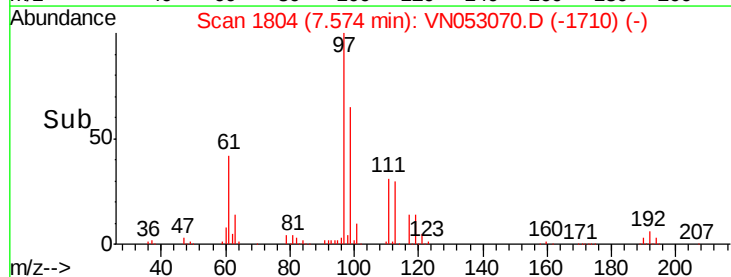
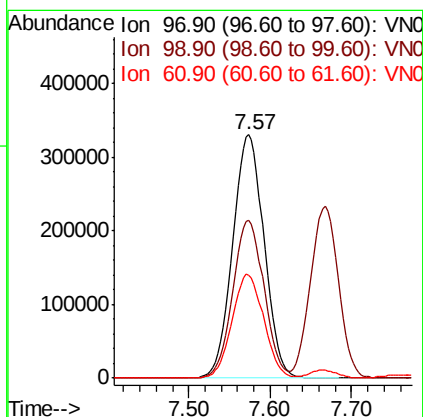
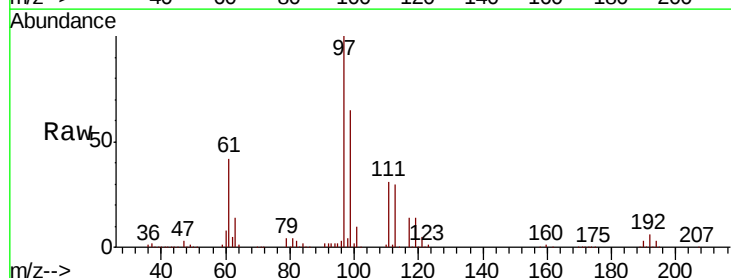
Instrument :
MSVOA_N
ClientSampleId :

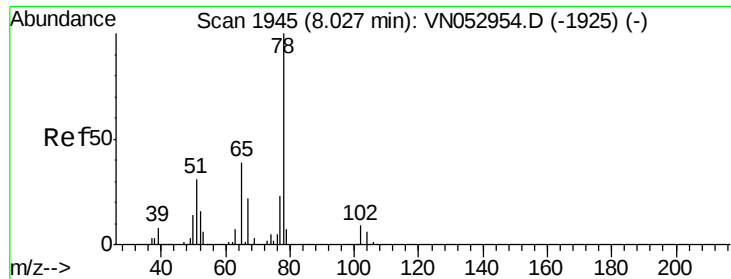
Tot Ion: 56 Resp: 978707
Ion Ratio Lower Upper
56 100
69 33.0 26.6 39.8
84 86.3 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 50.948 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 97 Resp: 885030
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 43.0 35.0 52.6

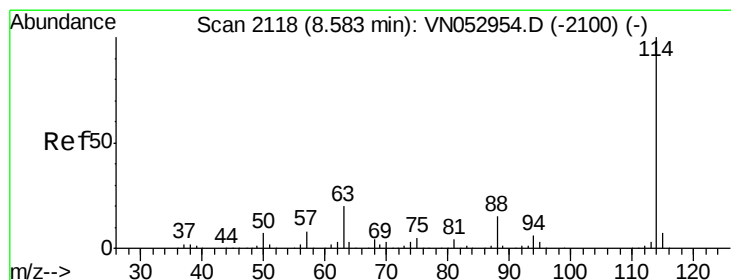
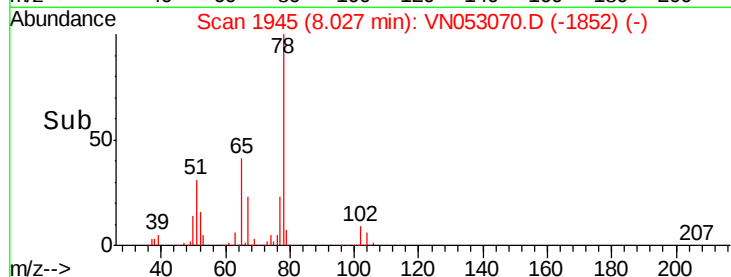
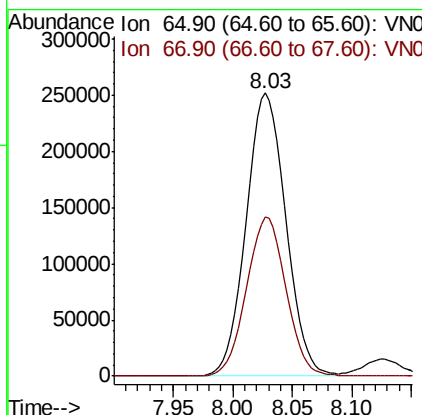
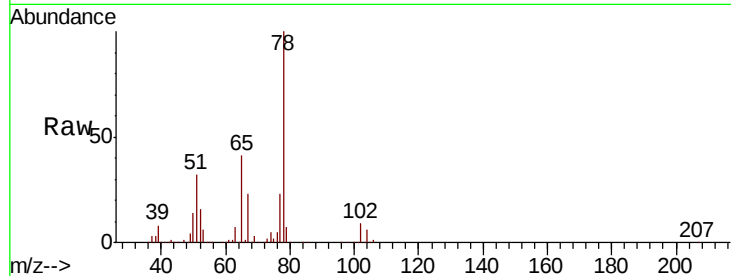




#33
 1,2-Dichloroethane-d4
 Concen: 50.948 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

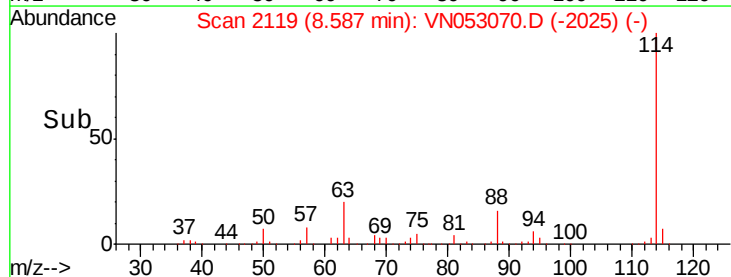
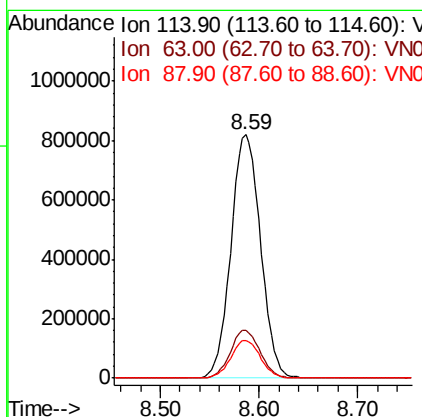
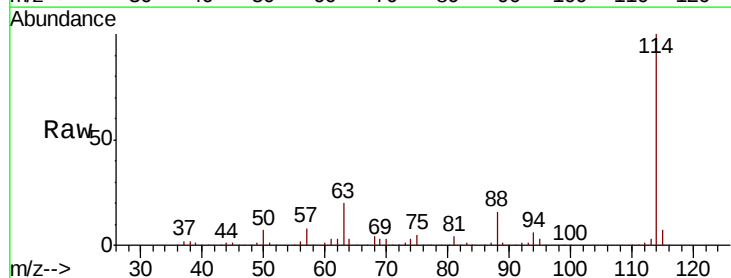
Instrument :
 MSVOA_N
 ClientSampled :

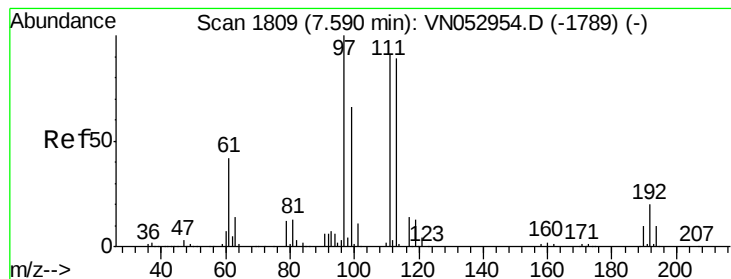
Tot Ion: 65 Resp: 584351
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 114 Resp: 1716393
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

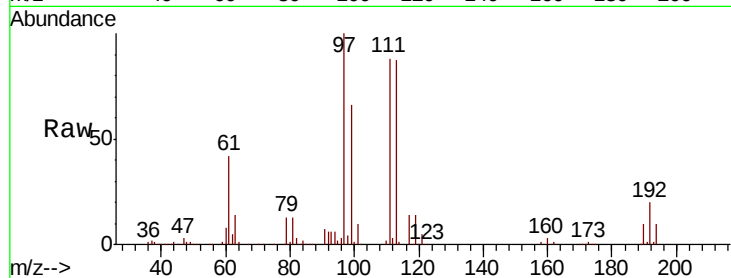
Tot Ion:113 Resp: 463242

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

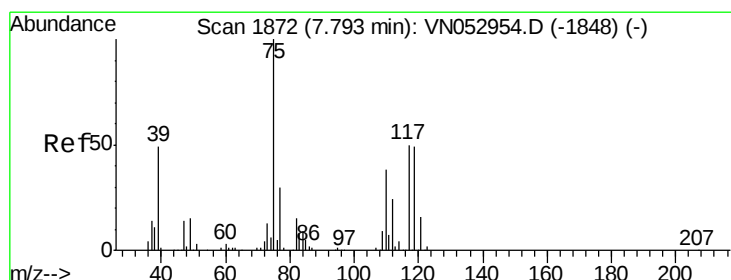
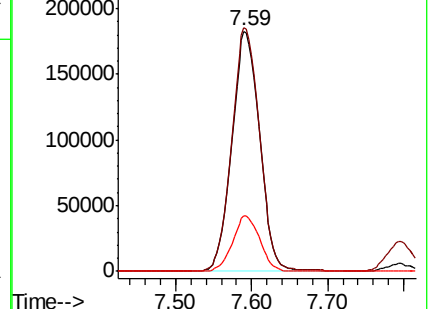
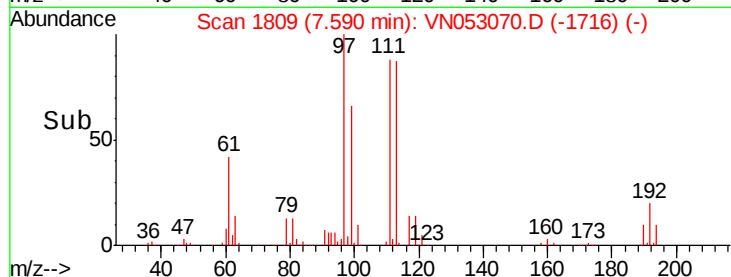
192 22.6 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.408 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

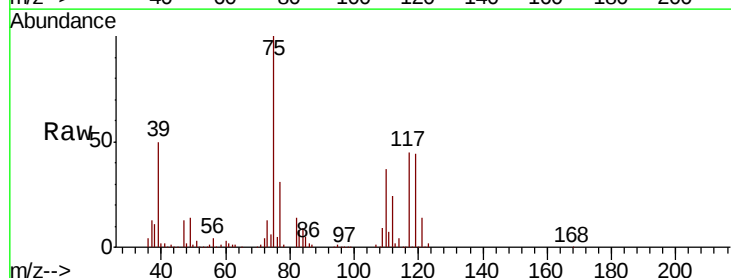
Tgt Ion: 75 Resp: 813963

Ion Ratio Lower Upper

75 100

110 36.4 18.2 54.6

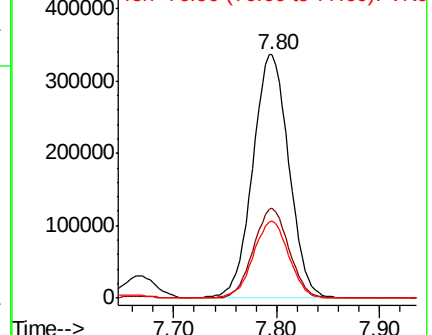
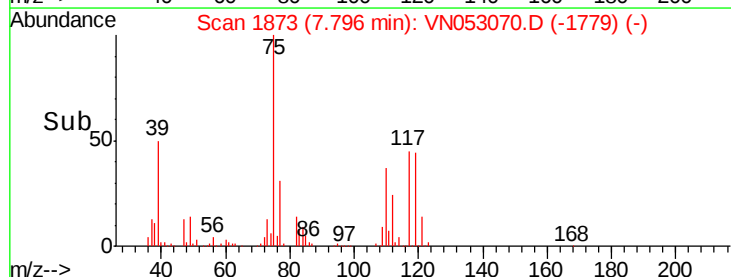
77 31.3 24.9 37.3

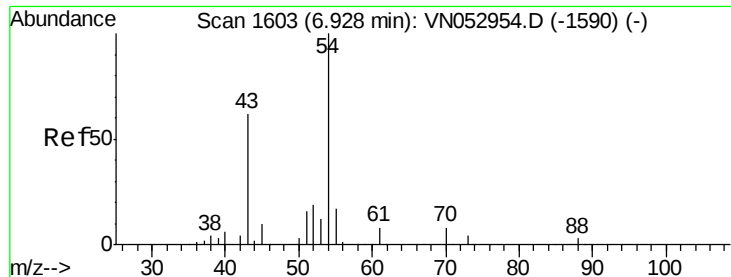


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

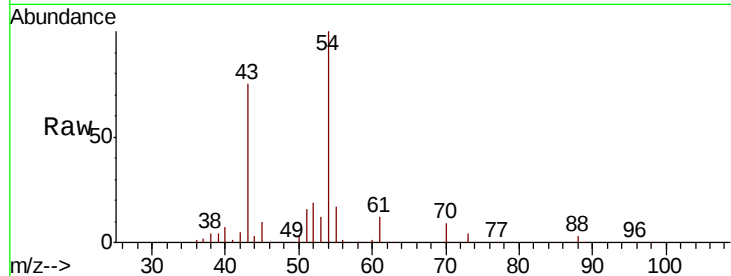




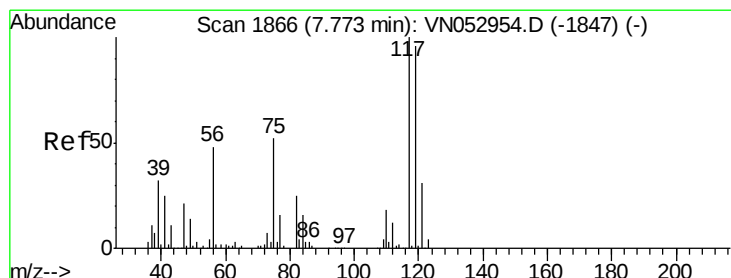
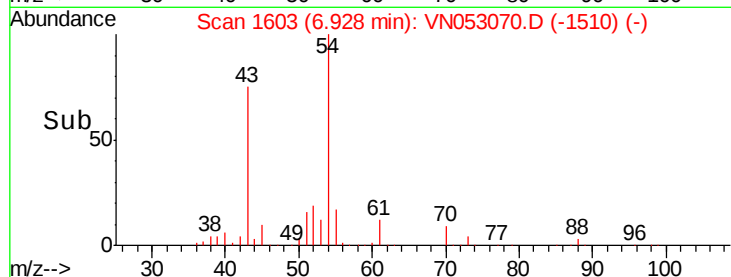
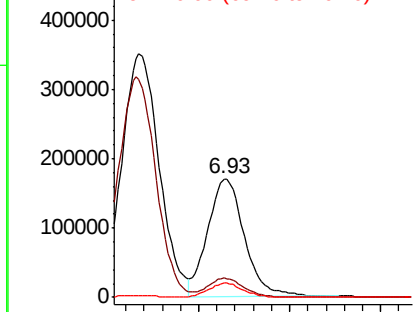
#37
Ethyl Acetate
Concen: 52.051 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 478701
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.2 8.4 12.6

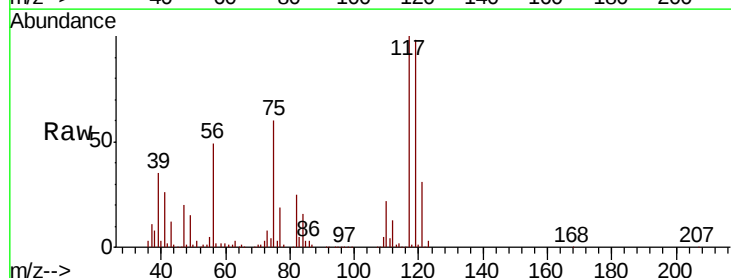


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

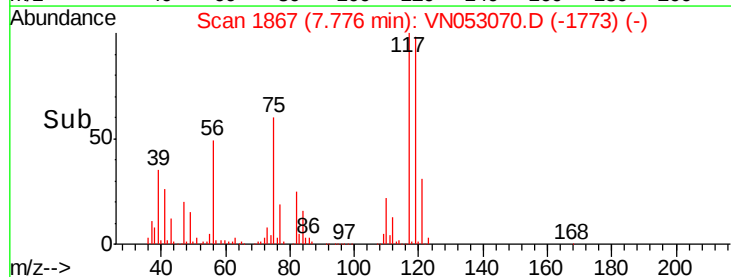
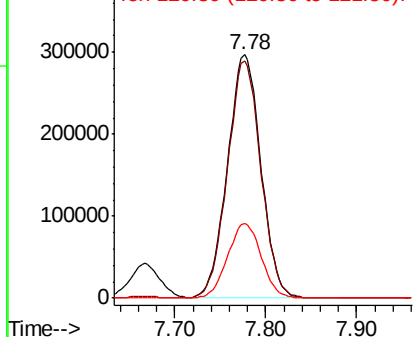


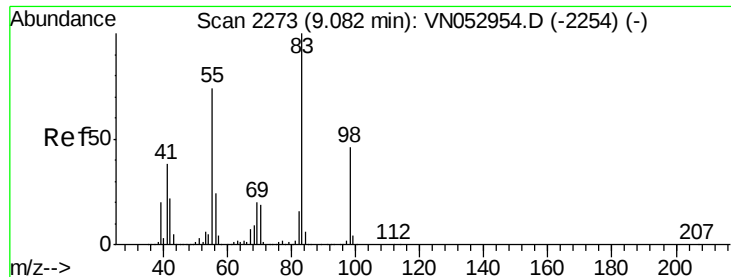
#38
Carbon Tetrachloride
Concen: 50.126 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 117 Resp: 756917
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
121 30.7 24.9 37.3



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

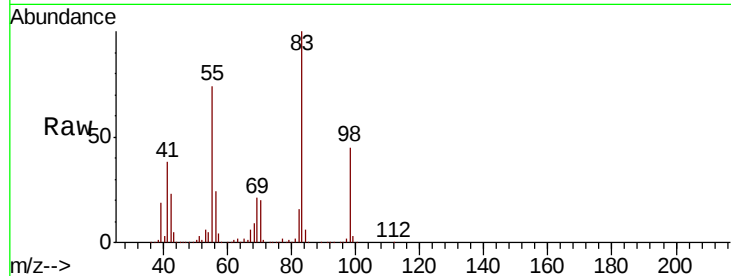




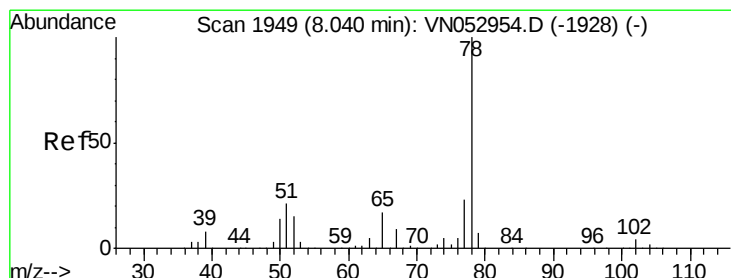
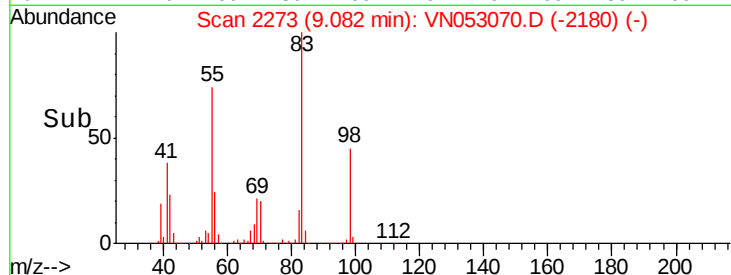
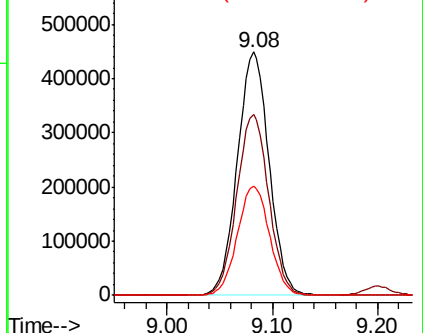
#39
Methvlcvclohexane
Concen: 46.896 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 938541
Ion Ratio Lower Upper
83 100
55 74.4 61.3 91.9
98 45.0 37.0 55.4

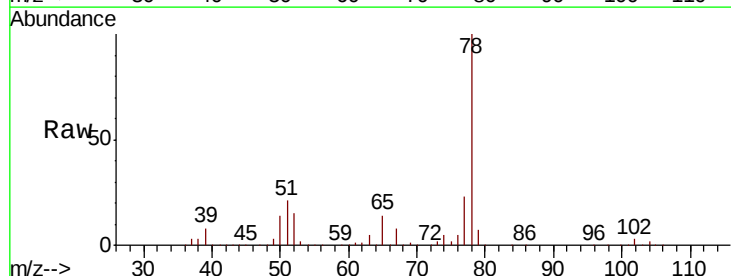


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

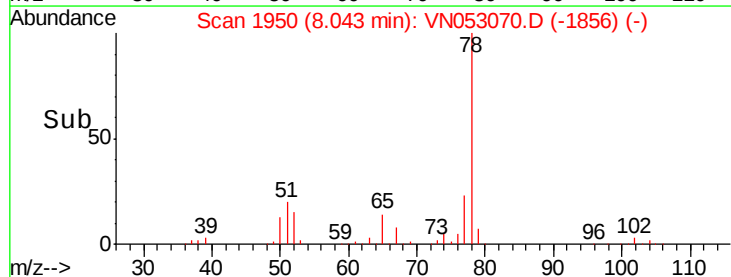
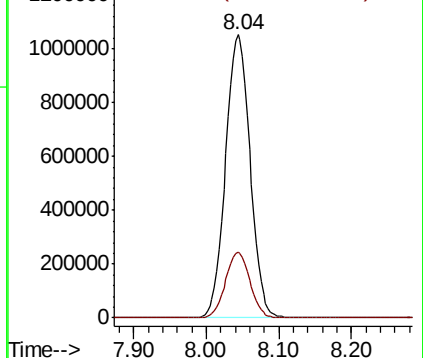


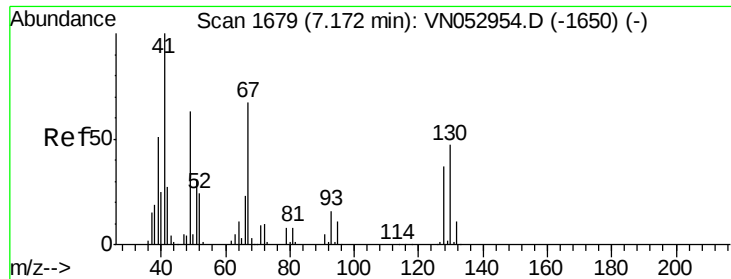
#40
Benzene
Concen: 50.542 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 78 Resp: 2476726
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



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

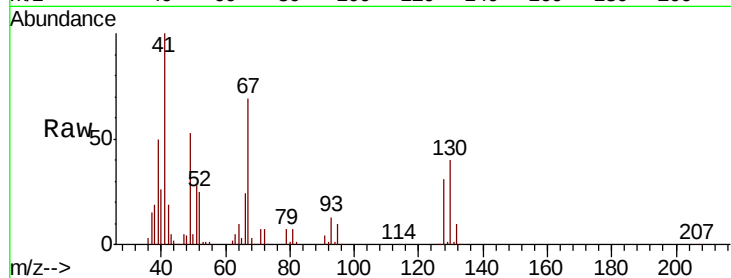




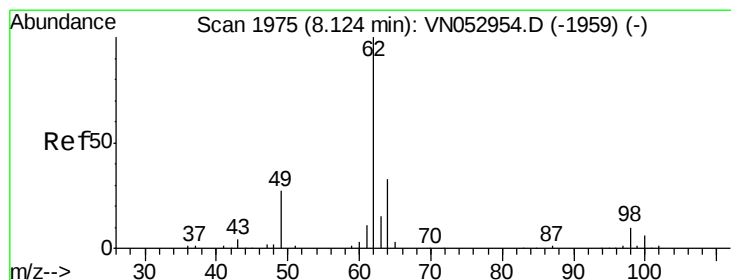
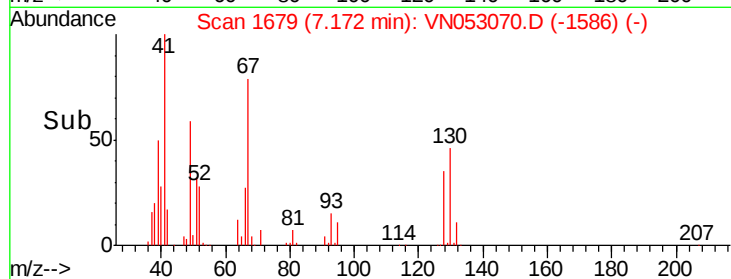
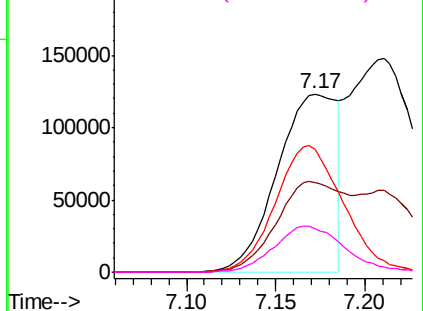
#41
Methacrylonitrile
Concen: 53.526 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 284431
Ion Ratio Lower Upper
41 100
39 61.8 48.0 72.0
67 82.4 70.3 105.5
52 30.6 26.9 40.3

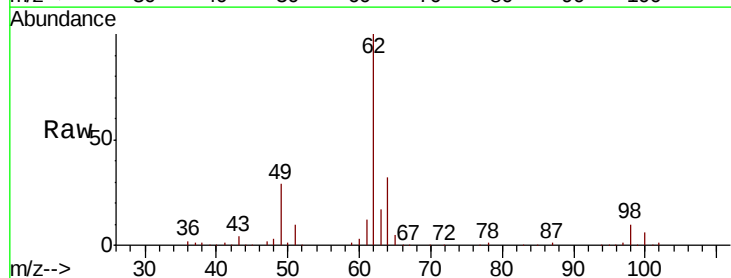


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

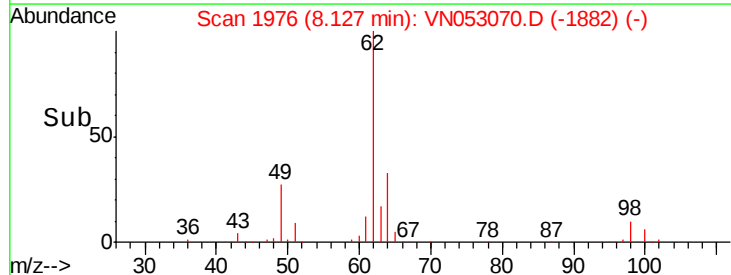
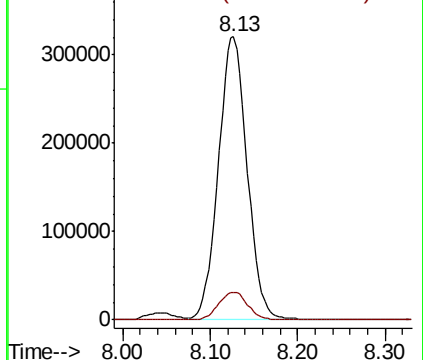


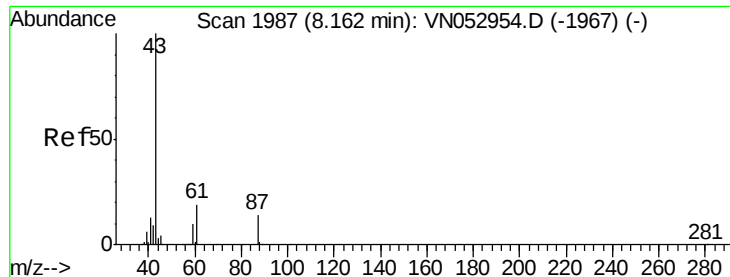
#42
1,2-Dichloroethane
Concen: 50.345 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 62 Resp: 728806
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 50.867 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

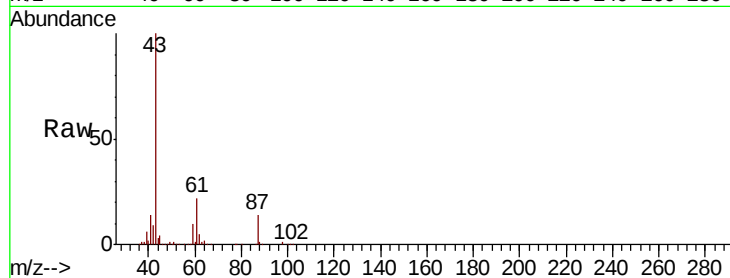
Tot Ion: 43 Resp: 904977

Ion Ratio Lower Upper

43 100

61 29.9 22.9 34.3

87 13.6 10.6 15.8



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

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

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

8.16

400000

300000

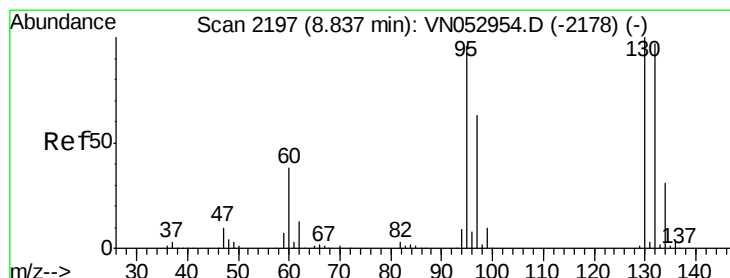
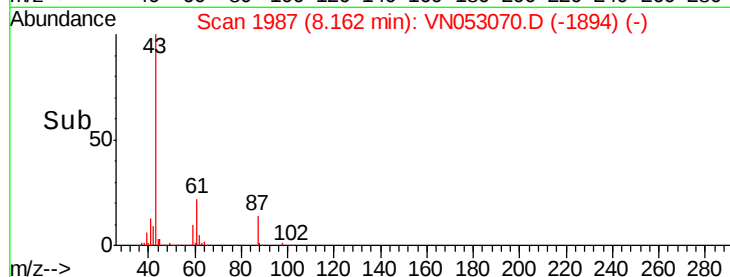
200000

100000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 48.106 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053070.D

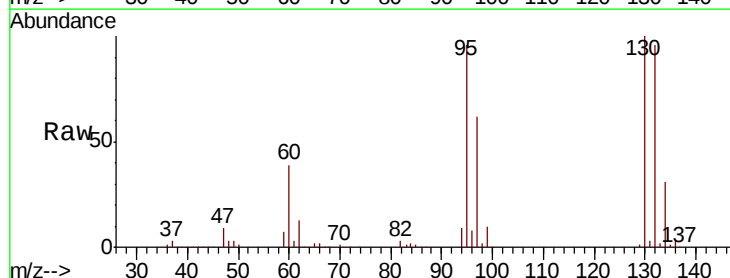
Acq: 20 Dec 2018 21:42

Tgt Ion:130 Resp: 681836

Ion Ratio Lower Upper

130 100

95 96.3 0.0 197.8



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

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

8.84

300000

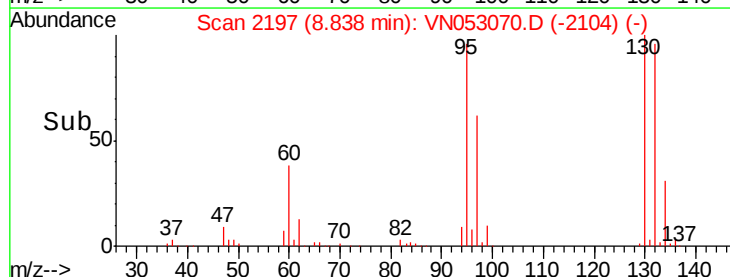
200000

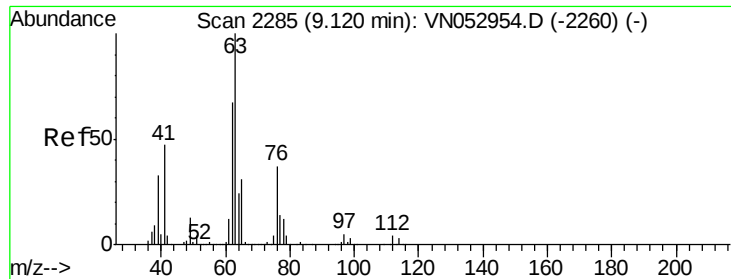
100000

0

8.75 8.80 8.85 8.90 8.95

Time-->

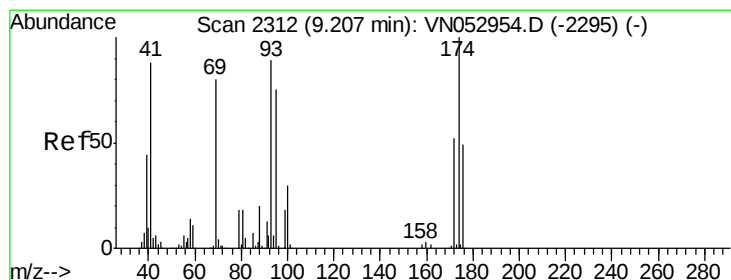
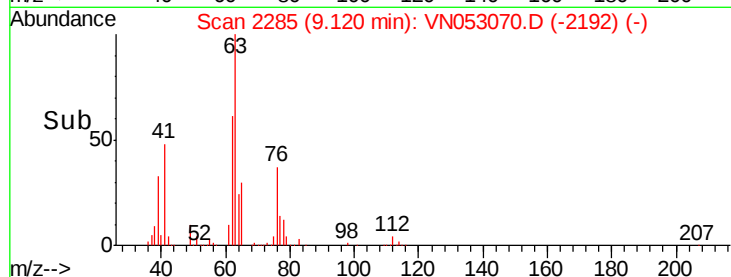
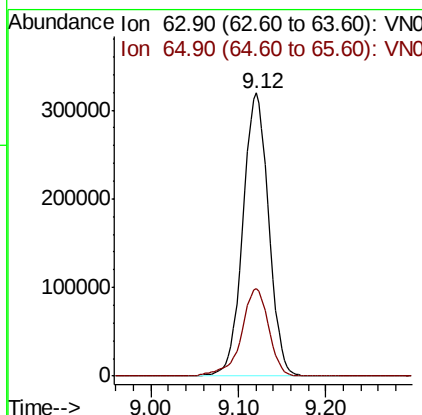
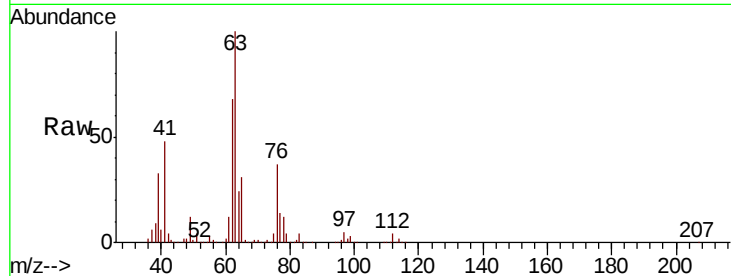




#45
 1,2-Dichloropropane
 Concen: 51.213 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

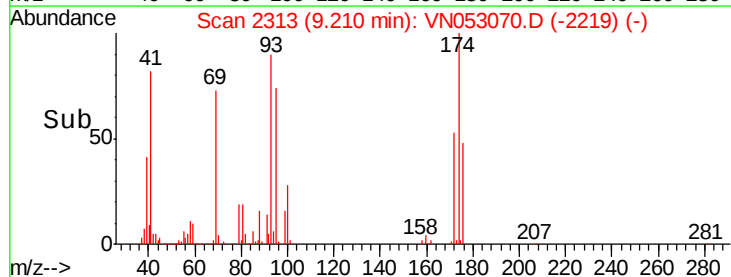
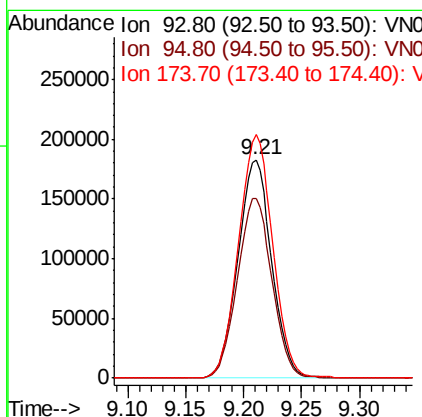
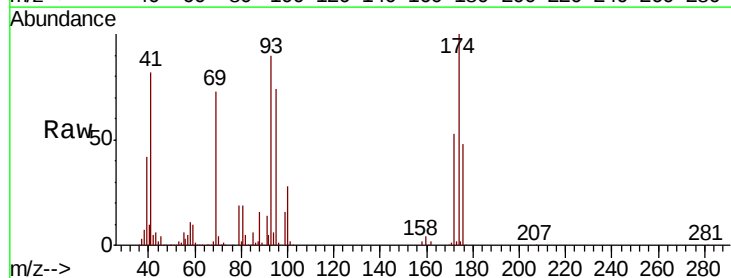
Instrument :
 MSVOA_N
 ClientSampleId :

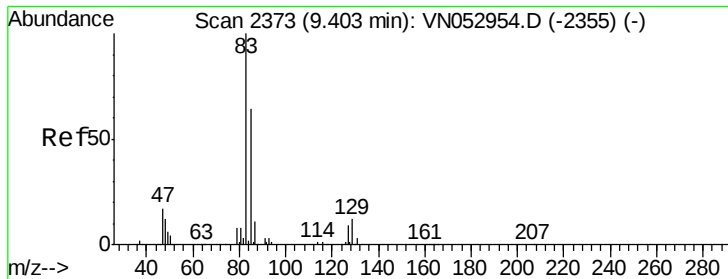
Tot Ion: 63 Resp: 653667
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 49.742 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 93 Resp: 369859
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.8 101.6
 174 113.0 89.0 133.4





#47

Bromodichloromethane

Concen: 50.539 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

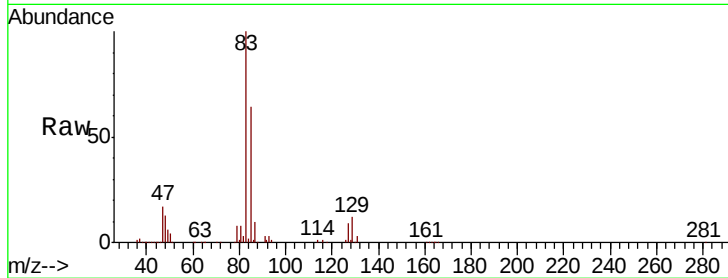
Tot Ion: 83 Resp: 798786

Ion Ratio Lower Upper

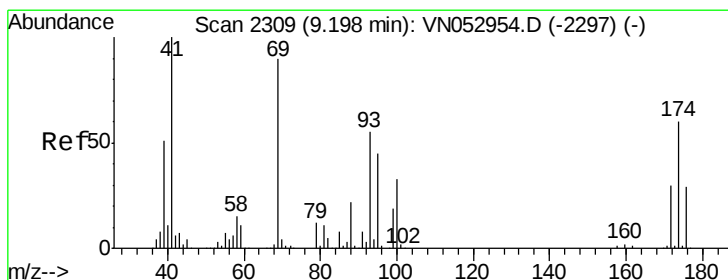
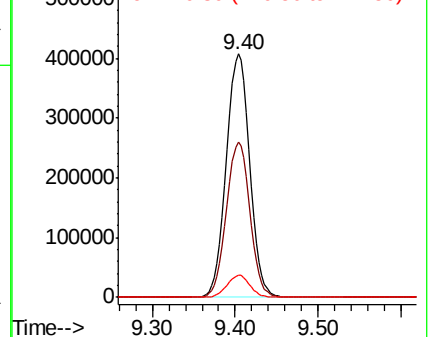
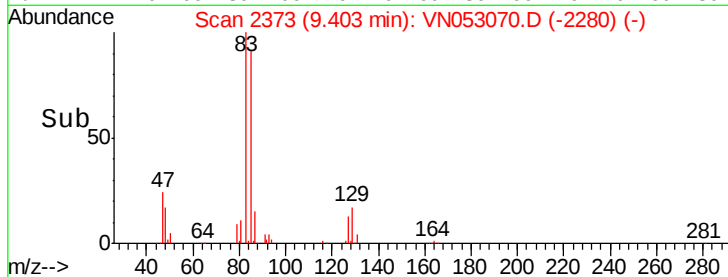
83 100

85 63.6 51.6 77.4

127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN053070.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.594 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

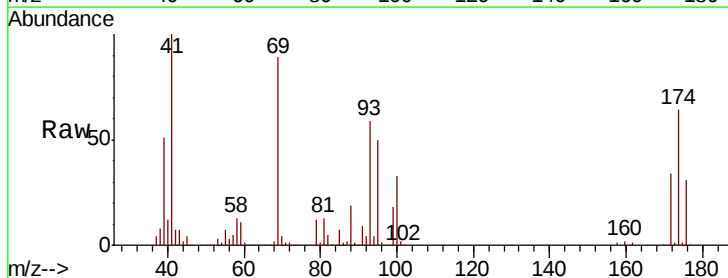
Tgt Ion: 41 Resp: 451515

Ion Ratio Lower Upper

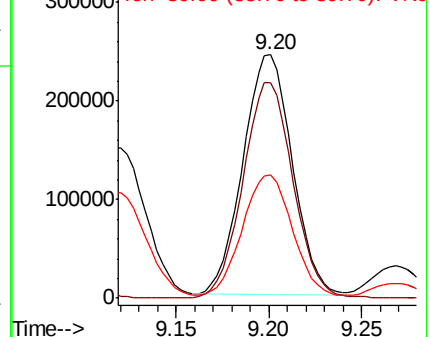
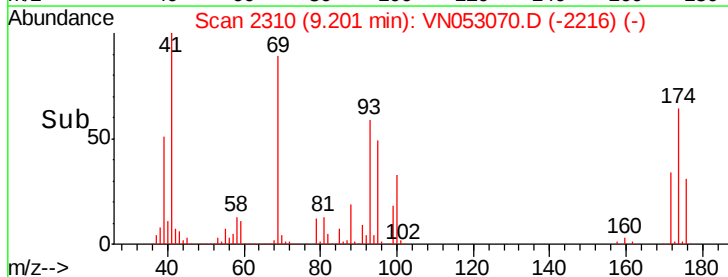
41 100

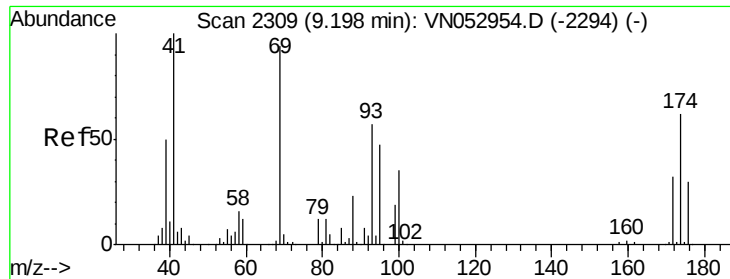
69 91.2 72.2 108.2

39 52.9 41.9 62.9



Abundance Ion 41.00 (40.70 to 41.70): VN053070.D (-2216) (-)

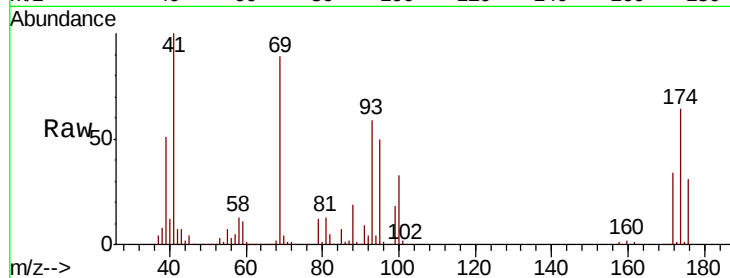




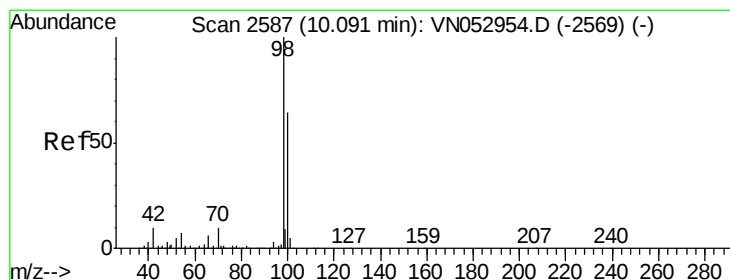
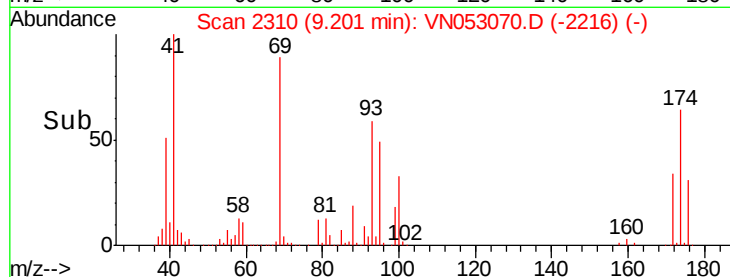
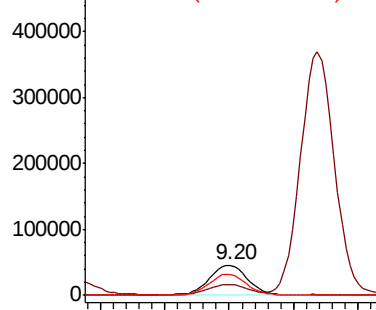
#49
1,4-Dioxane
Concen: 848.322 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 95766
Ion Ratio Lower Upper
88 100
43 32.8 26.6 40.0
58 68.4 58.4 87.6

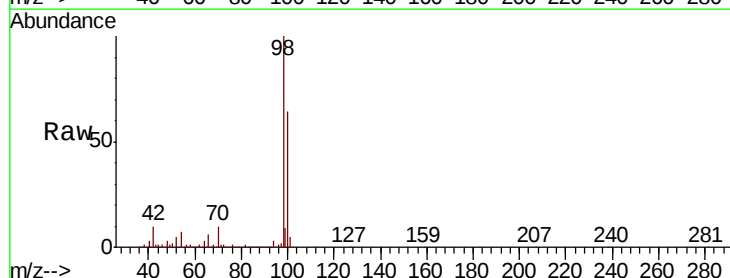


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

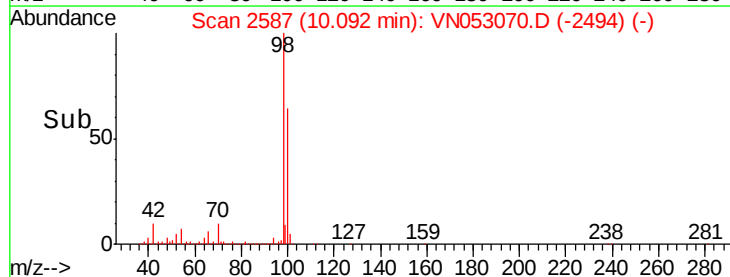
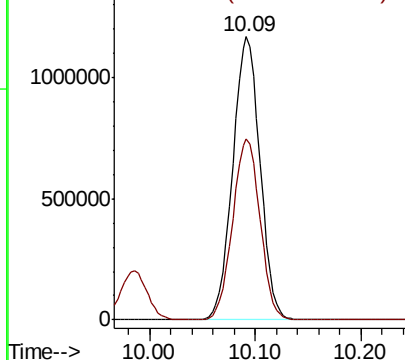


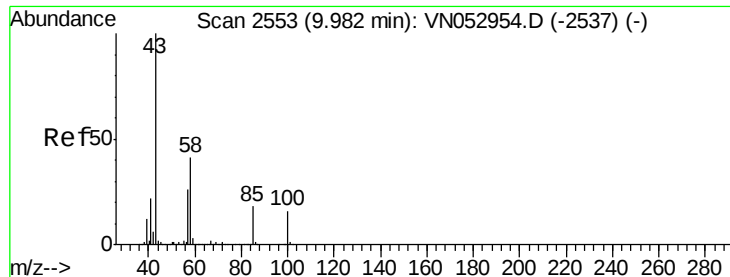
#50
Toluene-d8
Concen: 848.322 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 98 Resp: 2087287
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 258.399 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

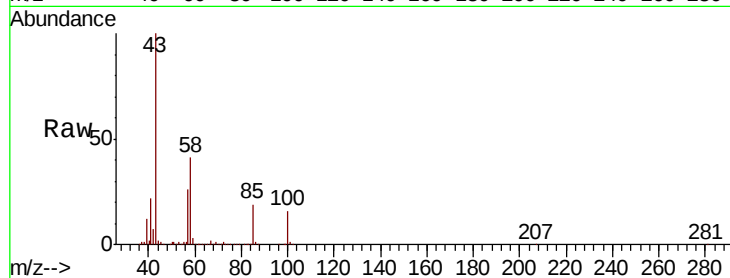
ClientSampleId :

Tot Ion: 43 Resp: 2301408

Ion Ratio Lower Upper

43 100

58 40.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)

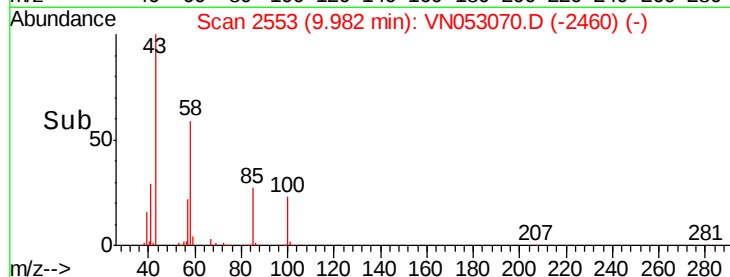
1500000

1000000

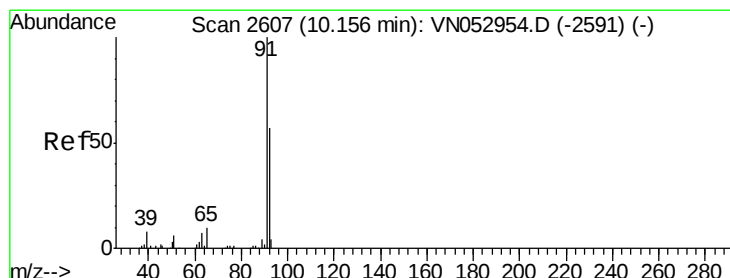
500000

0

9.90 9.98 10.00 10.10



Time-->



#52

Toluene

Concen: 49.183 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053070.D

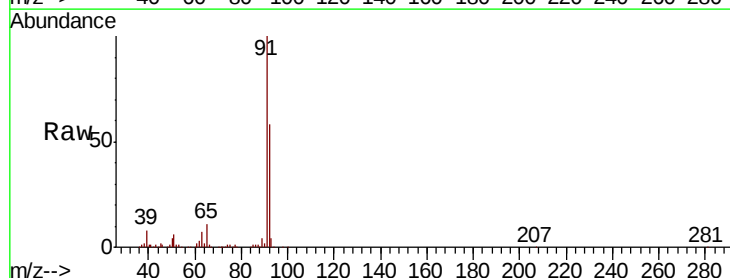
Acq: 20 Dec 2018 21:42

Tgt Ion: 92 Resp: 1493849

Ion Ratio Lower Upper

92 100

91 173.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN052954.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN052954.D (-2591) (-)

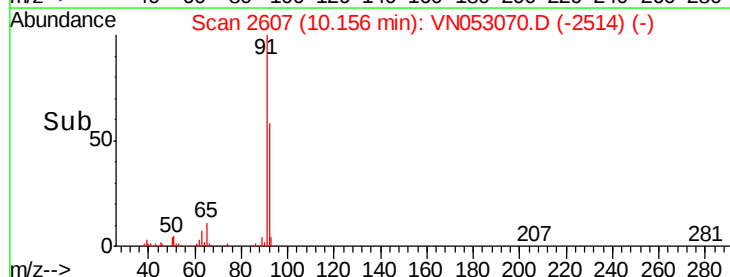
1500000

1000000

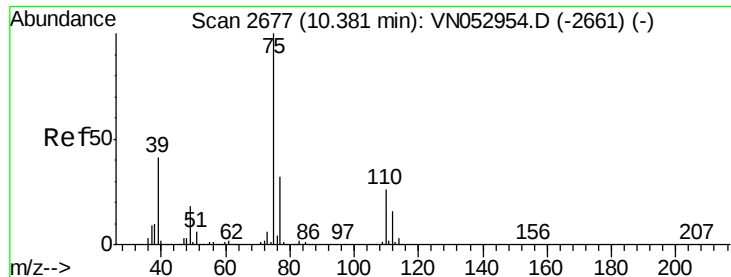
500000

0

10.00 10.10 10.16 10.20 10.30



Time-->



#53

t-1,3-Dichloropropene

Concen: 48.140 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

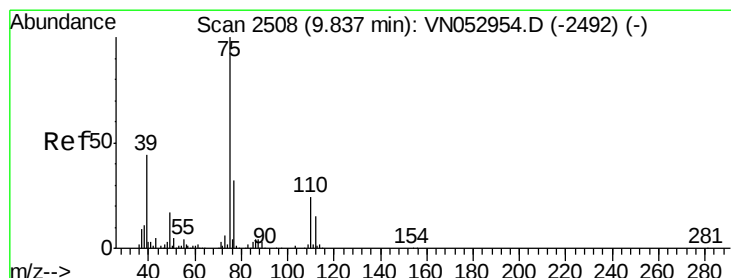
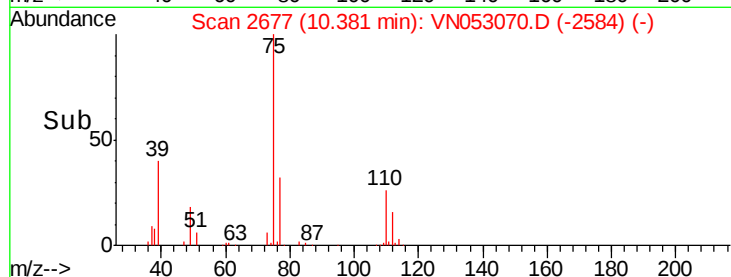
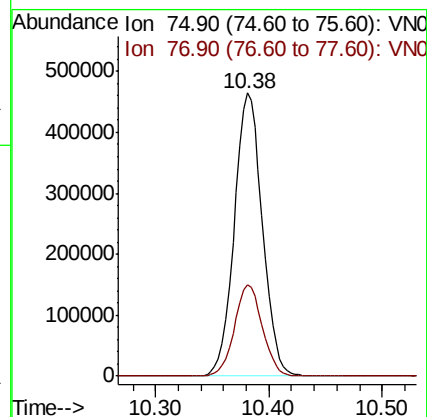
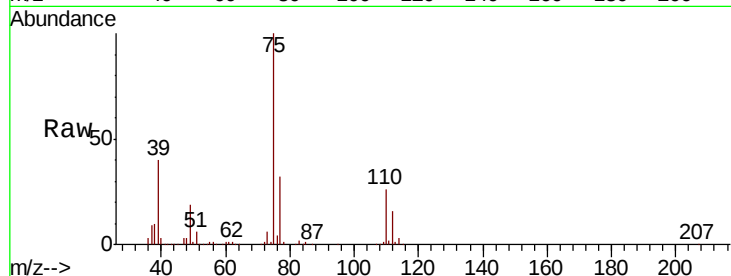
ClientSampled :

Tot Ion: 75 Resp: 800090

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 49.633 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

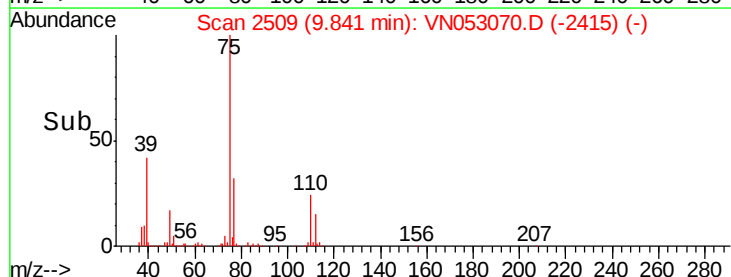
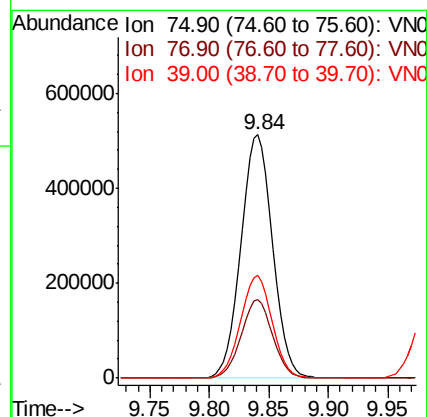
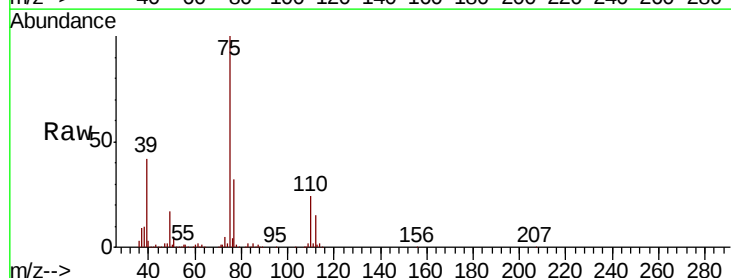
Tgt Ion: 75 Resp: 946855

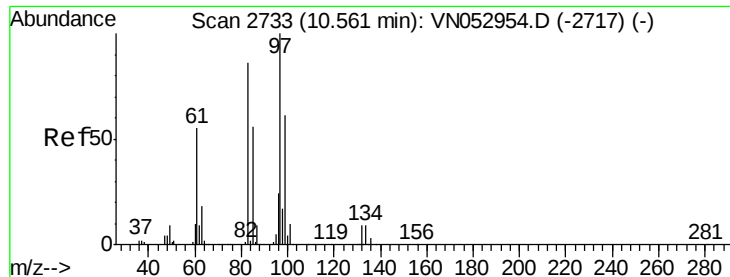
Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.8

39 42.0 34.8 52.2

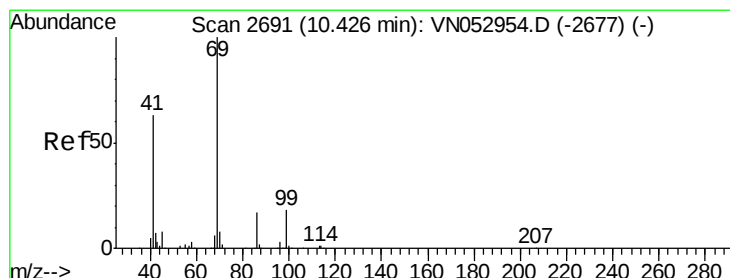
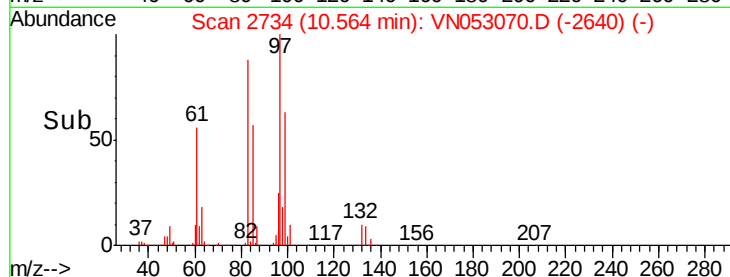
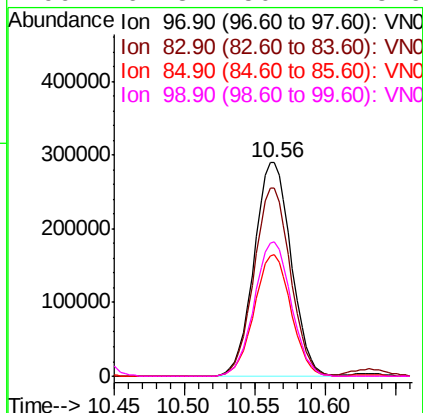
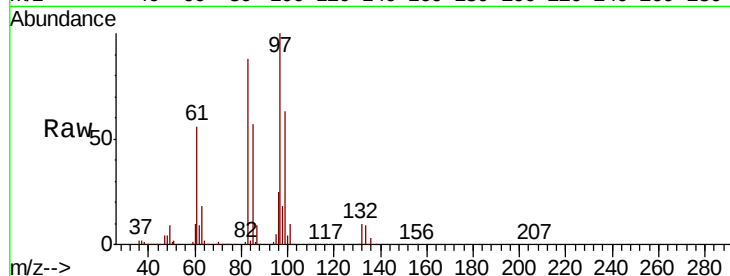




#55
 1,1,2-Trichloroethane
 Concen: 50.120 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

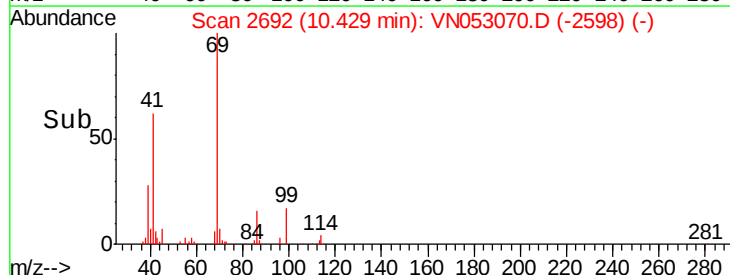
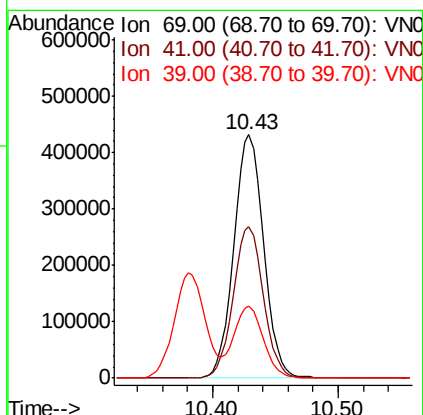
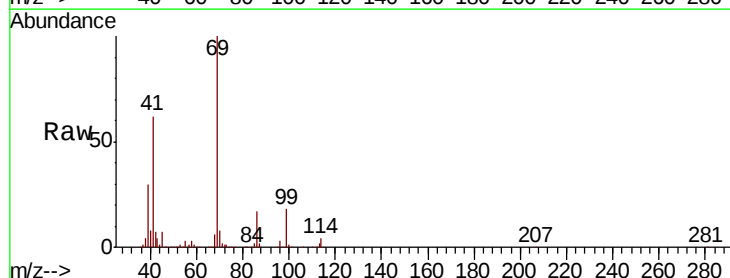
Instrument :
 MSVOA_N
 ClientSampleId :

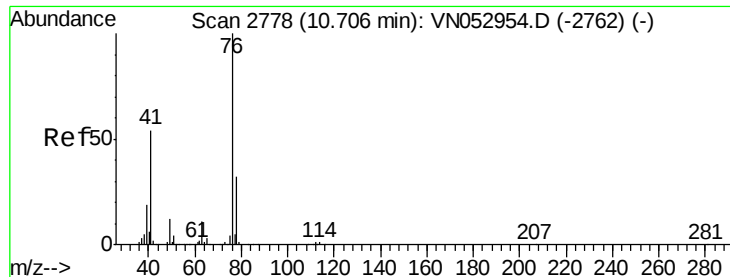
Tot Ion:	97	Resp:	531083
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.9	106.3
85	56.9	45.4	68.2
99	62.8	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 50.905 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:	69	Resp:	713954
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.7	77.5
39	29.3	24.6	37.0





#57

1,3-Dichloropropane

Concen: 50.341 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

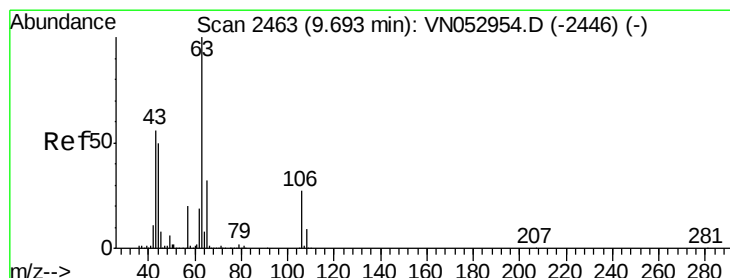
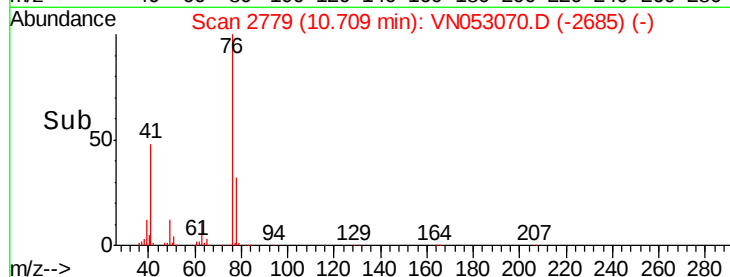
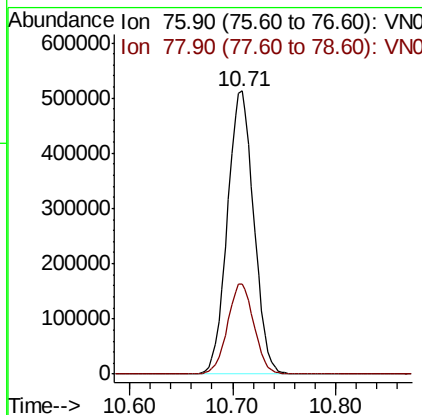
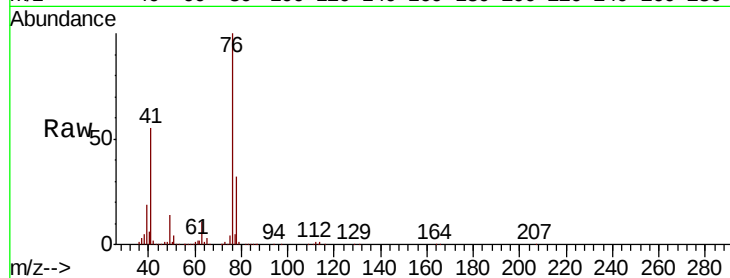
ClientSampleId :

Tot Ion: 76 Resp: 914740

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 257.865 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053070.D

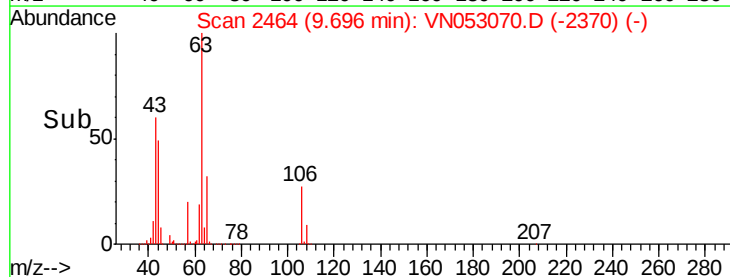
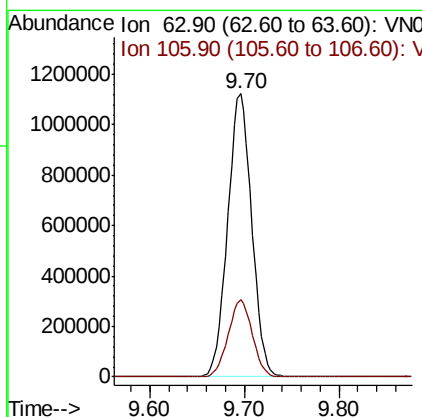
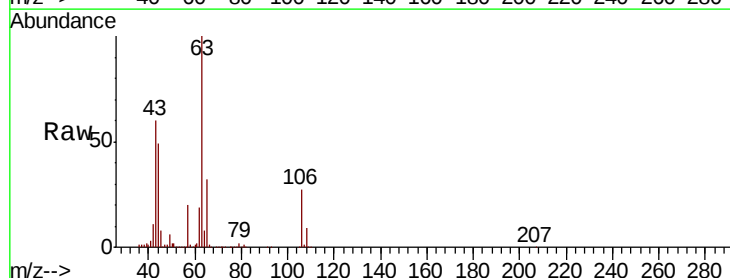
Acq: 20 Dec 2018 21:42

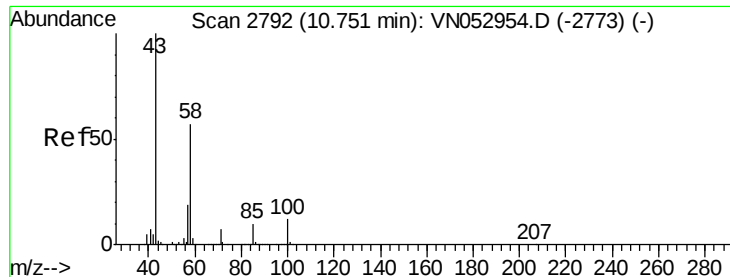
Tgt Ion: 63 Resp: 1985505

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.6

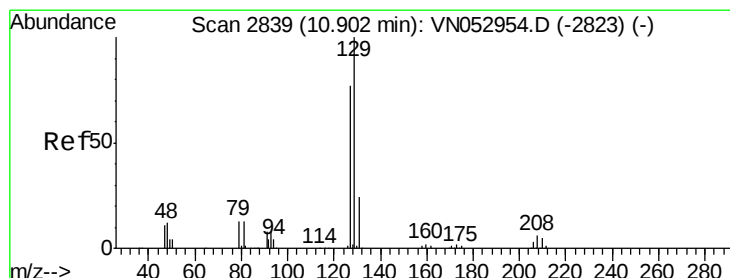
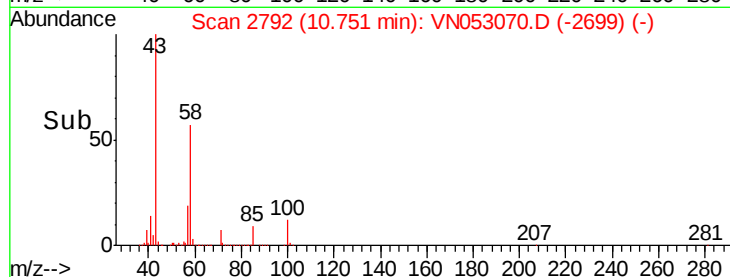
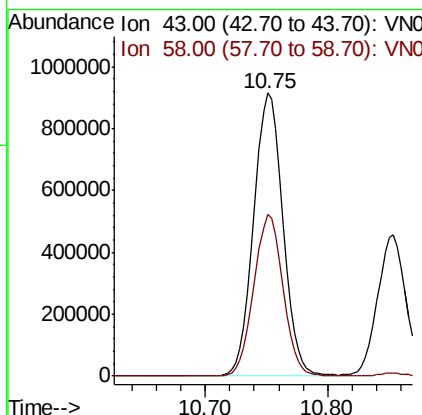
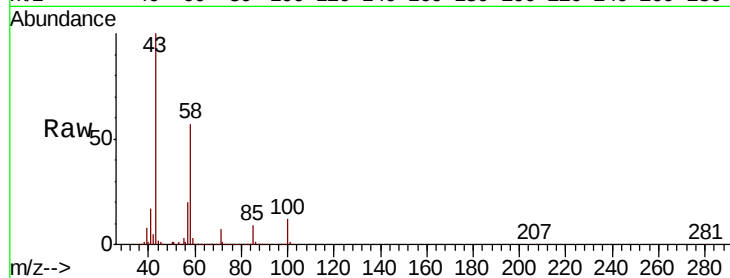




#59
2-Hexanone
Concen: 250.445 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

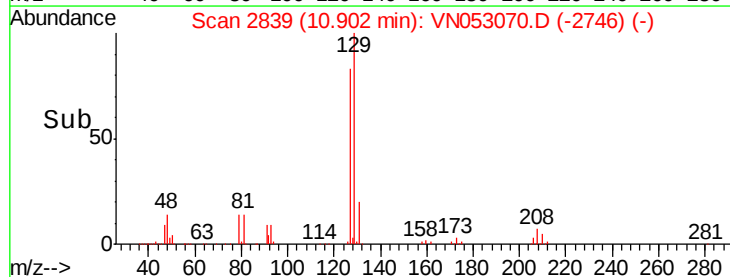
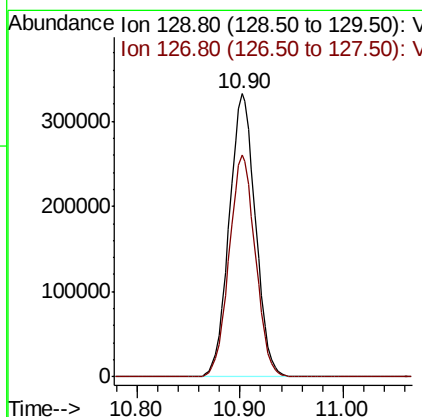
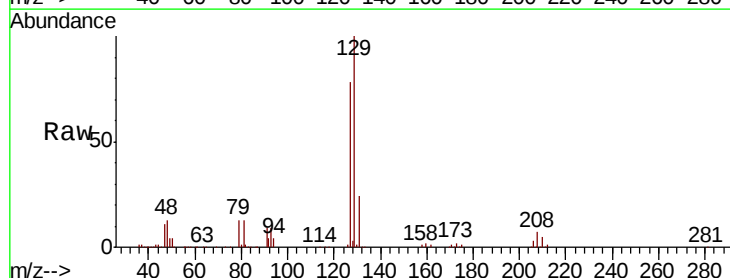
Instrument :
MSVOA_N
ClientSampled :

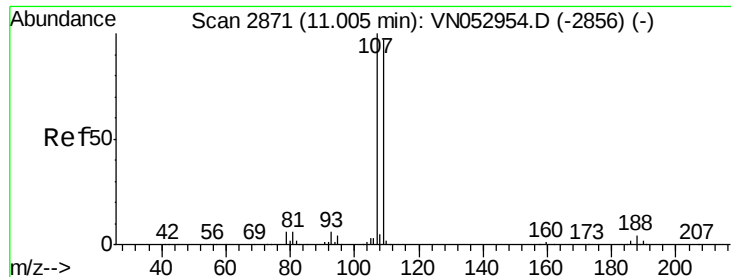
Tot Ion: 43 Resp: 1509158
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 48.572 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 129 Resp: 589144
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.079 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

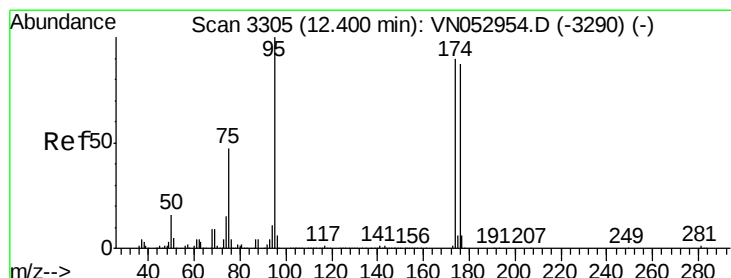
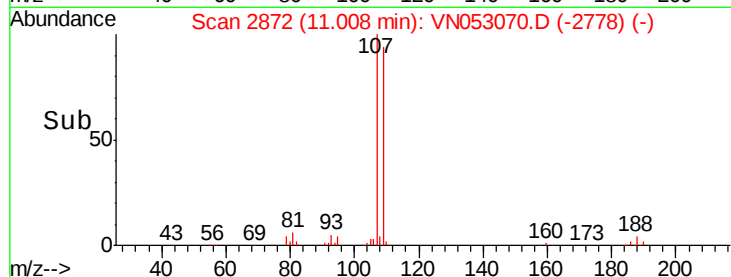
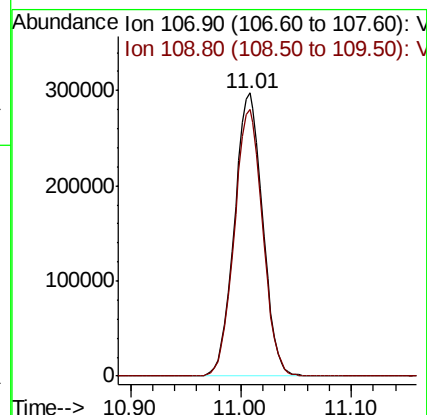
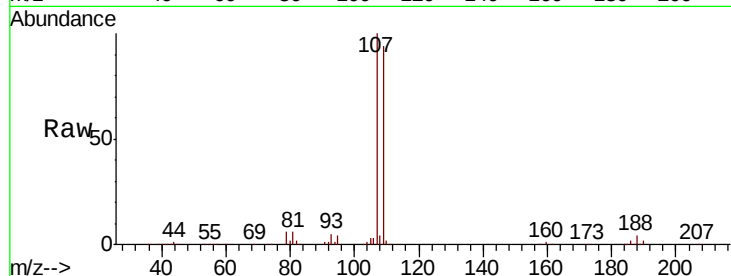
ClientSampleId :

Tot Ion:107 Resp: 528176

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 49.079 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

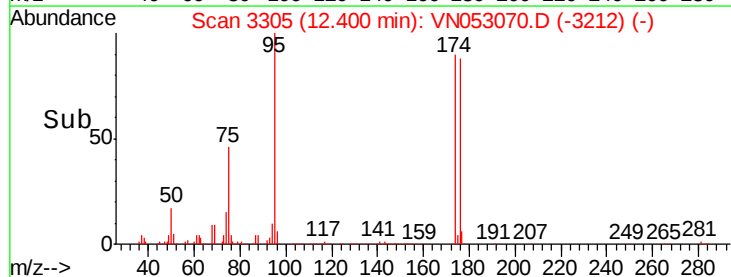
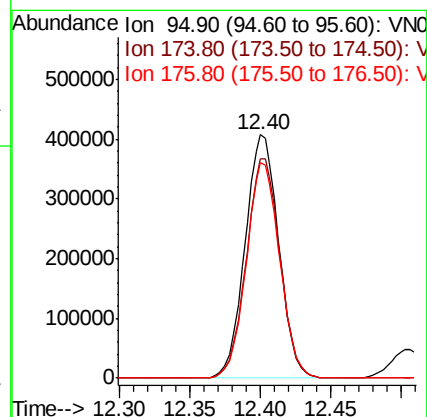
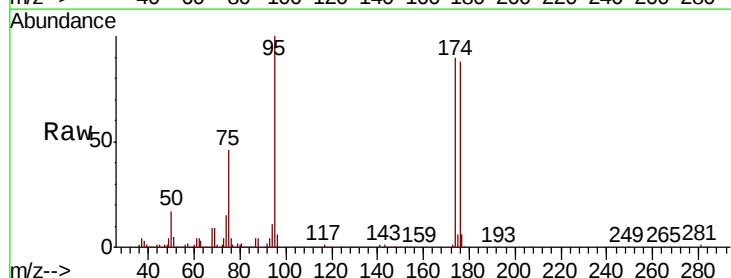
Tgt Ion: 95 Resp: 679845

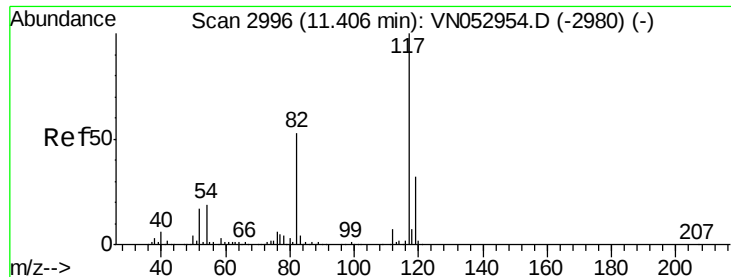
Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

176 87.8 0.0 173.8

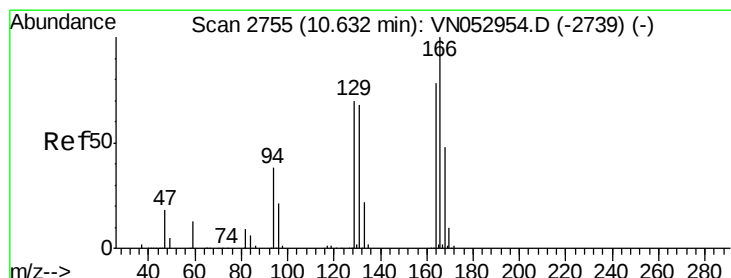
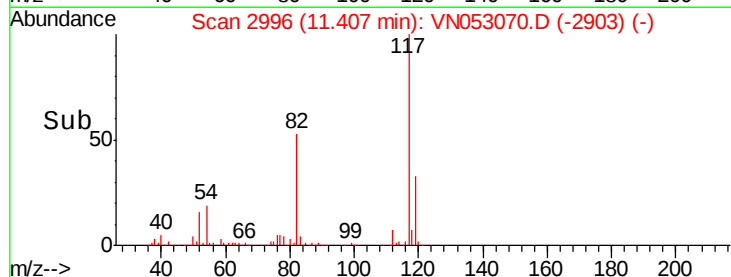
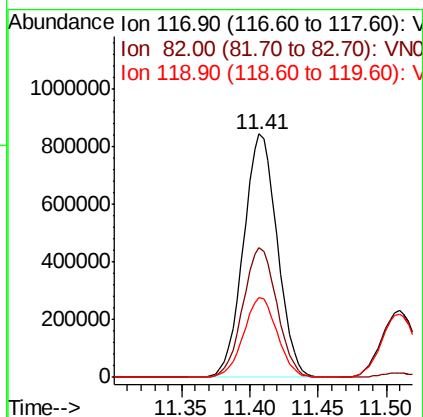
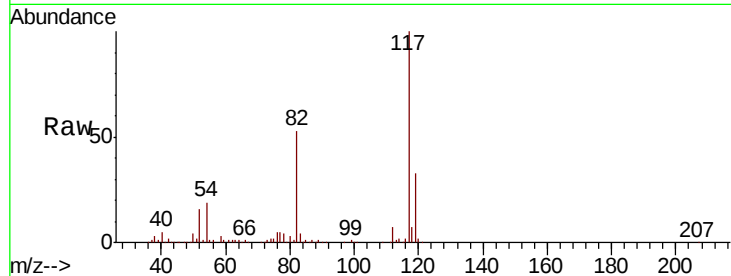




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

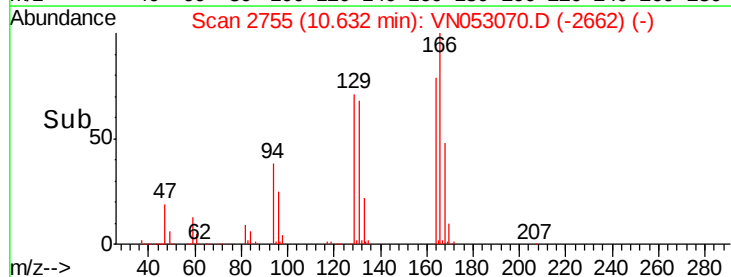
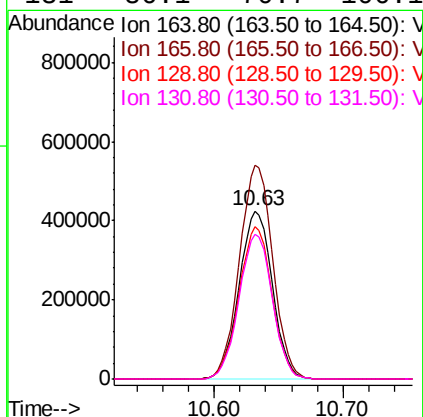
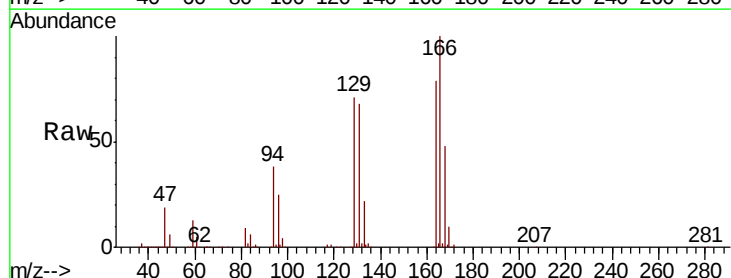
Instrument :
MSVOA_N
ClientSampleId :

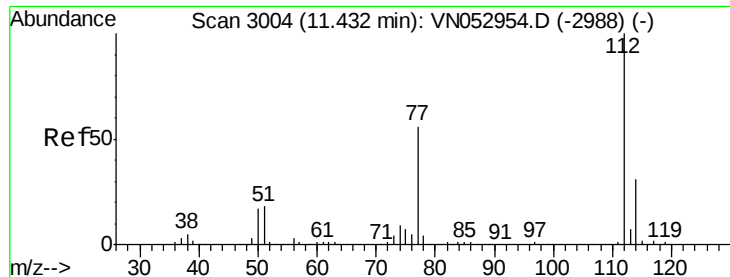
Tot Ion:117 Resp: 1451398
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 48.525 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:164 Resp: 762908
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 90.4 73.7 110.5
131 86.1 70.7 106.1

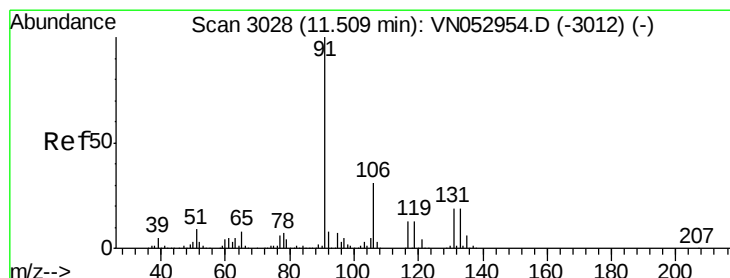
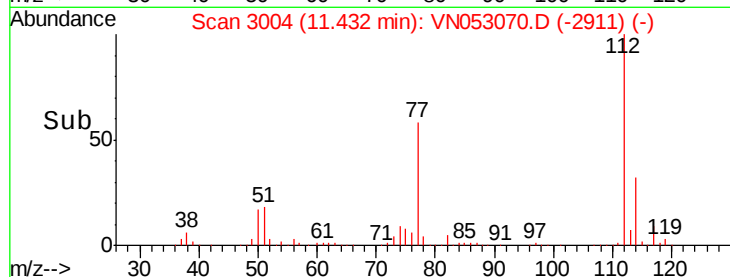
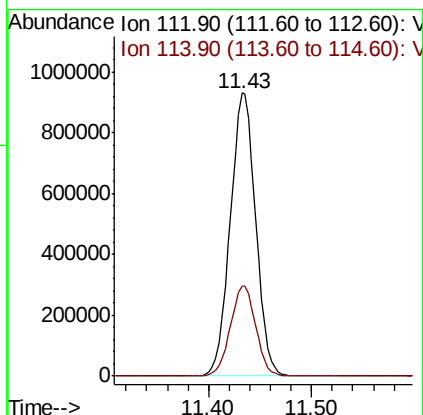
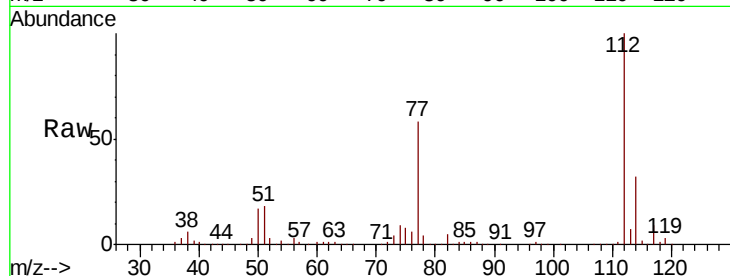




#65
Chlorobenzene
Concen: 49.729 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

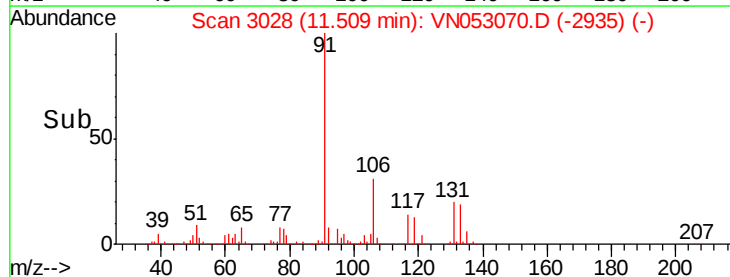
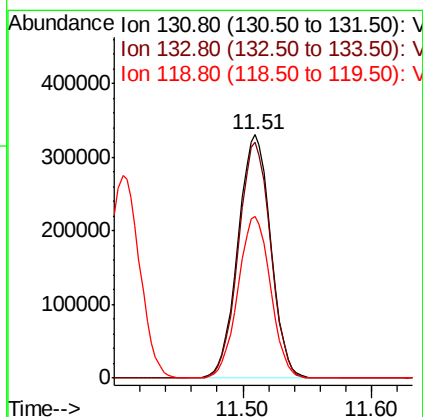
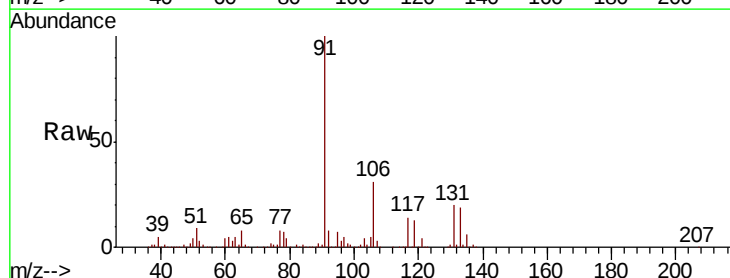
Instrument :
MSVOA_N
ClientSampled :

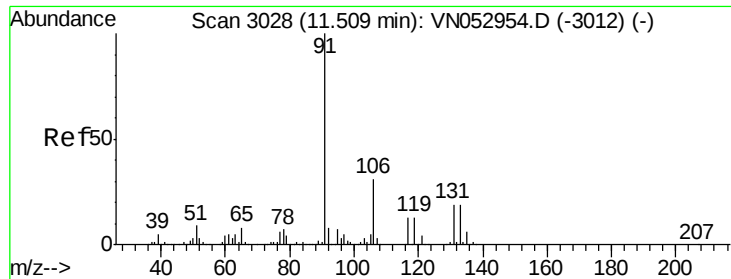
Tot Ion:112 Resp: 1599954
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.200 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:131 Resp: 584022
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 66.1 33.3 99.8

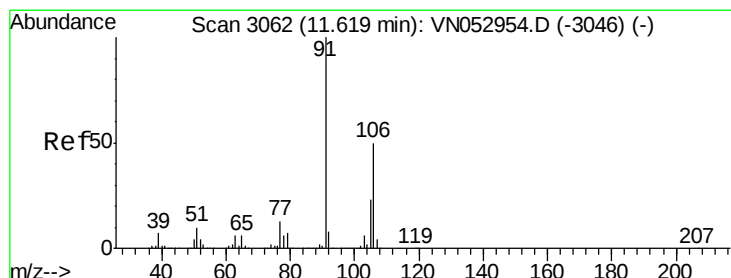
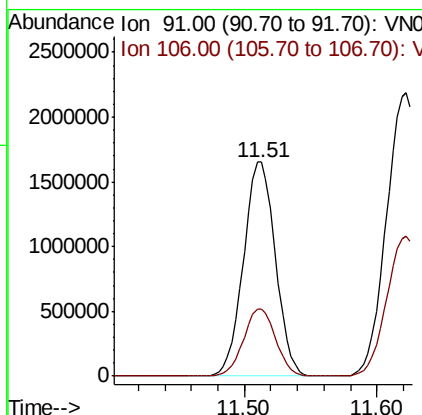
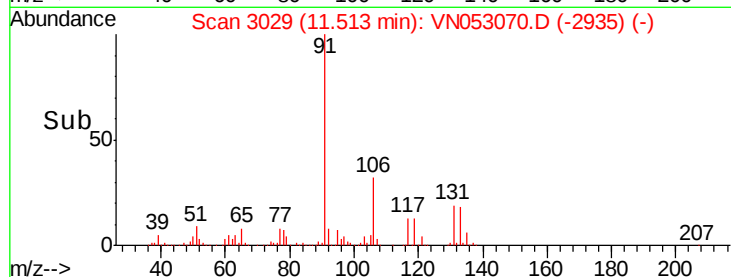
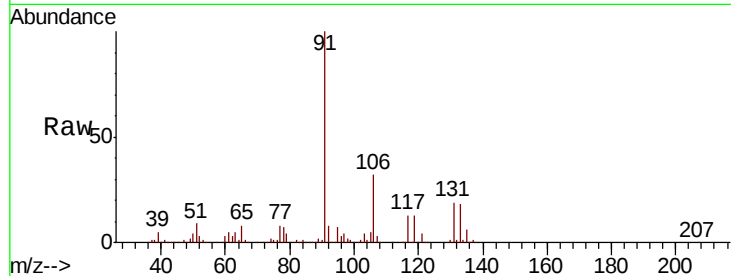




#67
Ethvl Benzene
Concen: 49.960 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

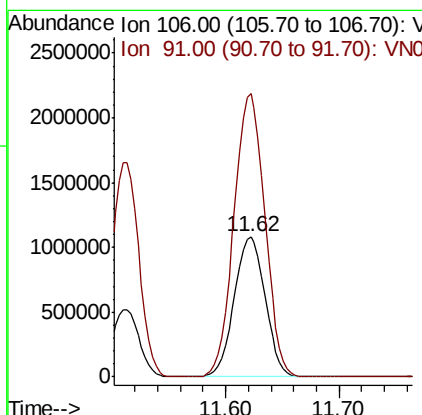
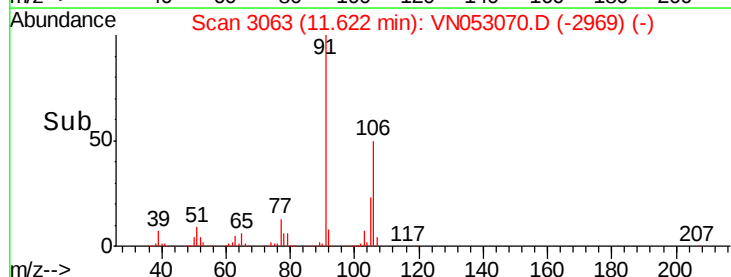
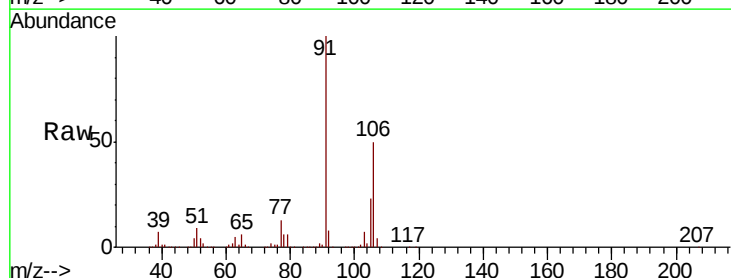
Instrument :
MSVOA_N
ClientSampled :

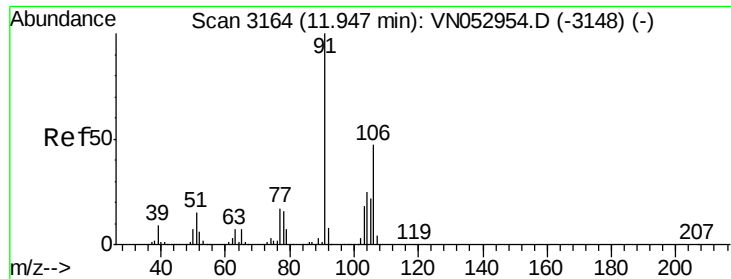
Tot Ion: 91 Resp: 2764294
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 97.762 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:106 Resp: 2056329
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.4

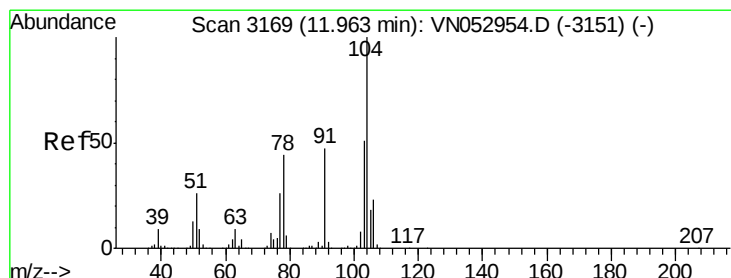
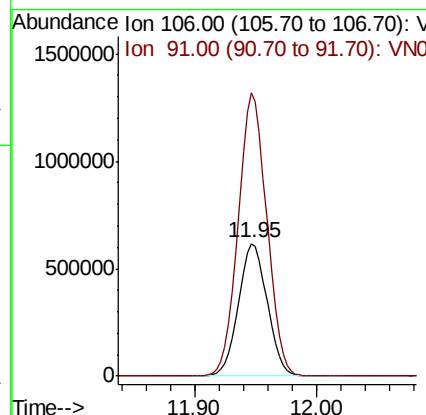
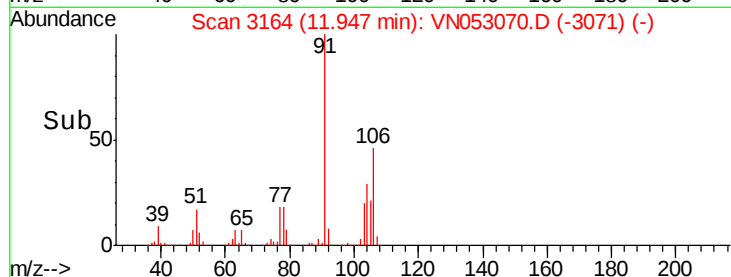
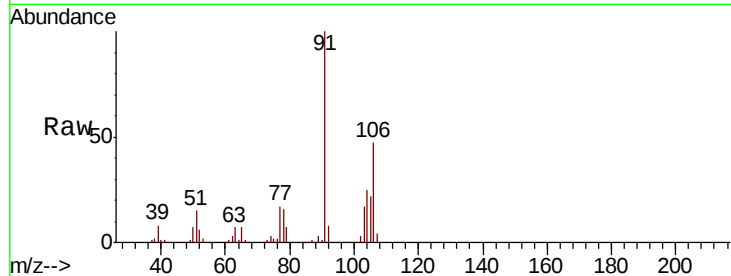




#69
o-Xylene
Concen: 49.926 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

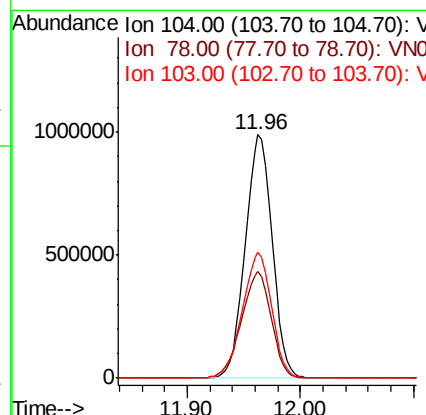
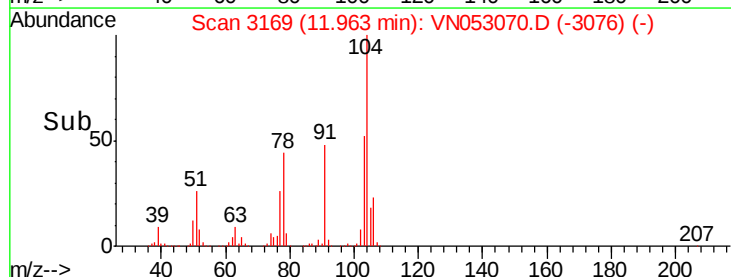
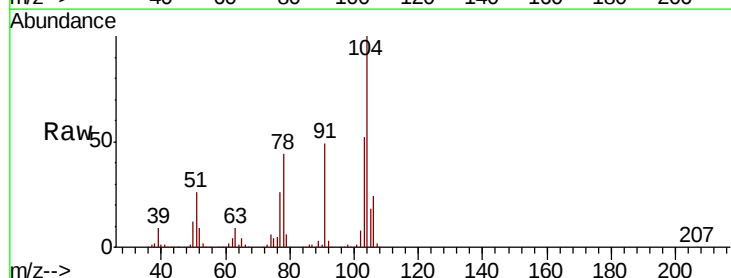
Instrument :
MSVOA_N
ClientSampled :

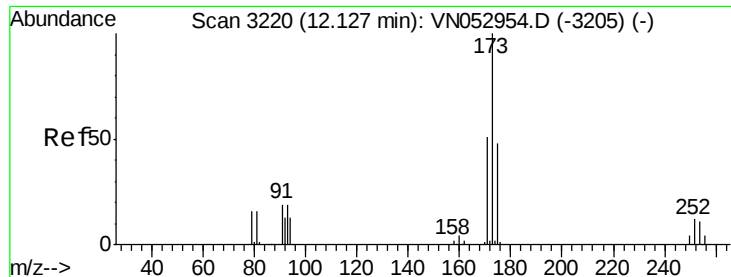
Tot Ion:106 Resp: 1007698
Ion Ratio Lower Upper
106 100
91 212.6 106.6 319.8



#70
Styrene
Concen: 50.118 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:104 Resp: 1649475
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 55.7 44.3 66.5

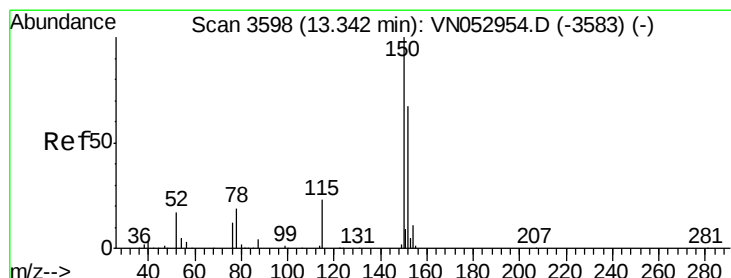
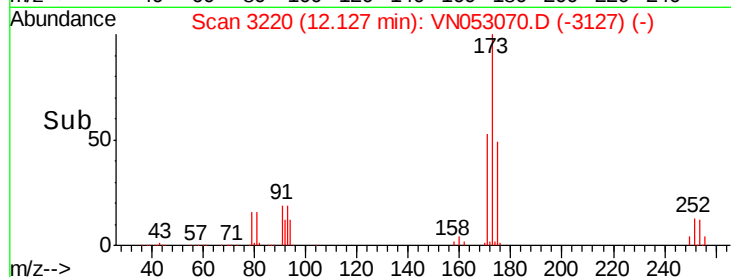
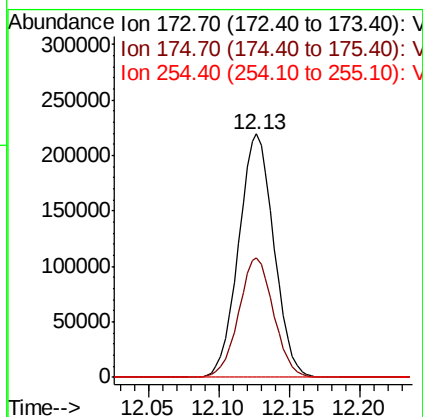
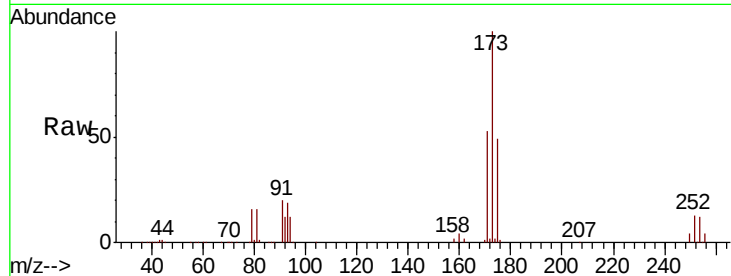




#71
Bromoform
Concen: 47.415 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

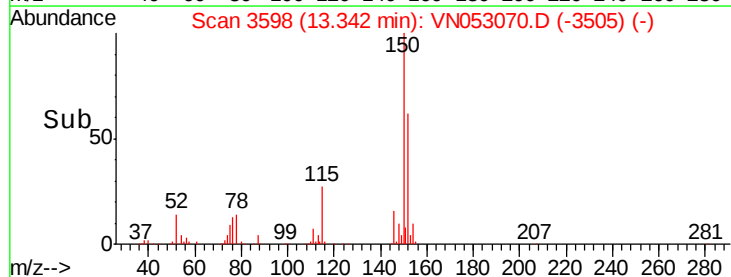
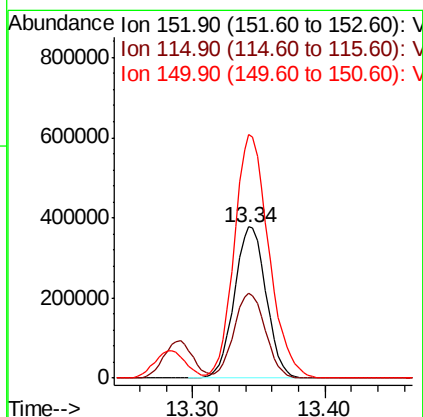
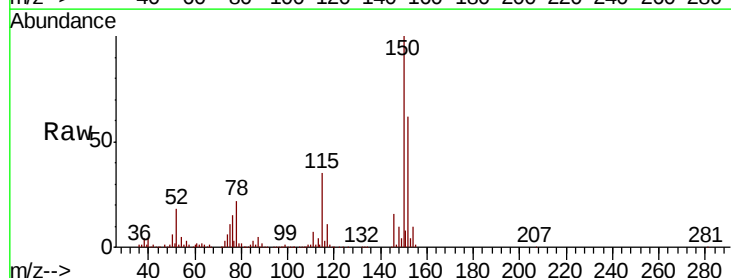
Instrument :
MSVOA_N
ClientSampled :

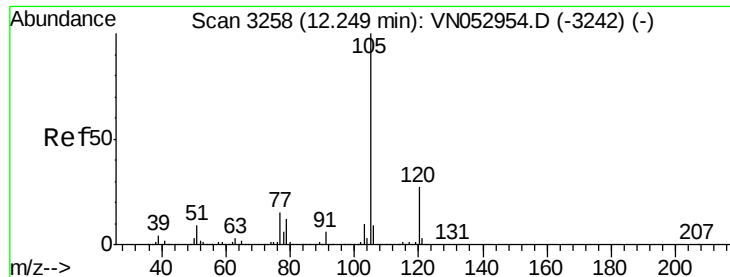
Tot Ion:173 Resp: 383236
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:152 Resp: 625343
Ion Ratio Lower Upper
152 100
115 56.1 28.3 85.0
150 175.1 0.0 347.8





#73

Isopropylbenzene

Concen: 54.354 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

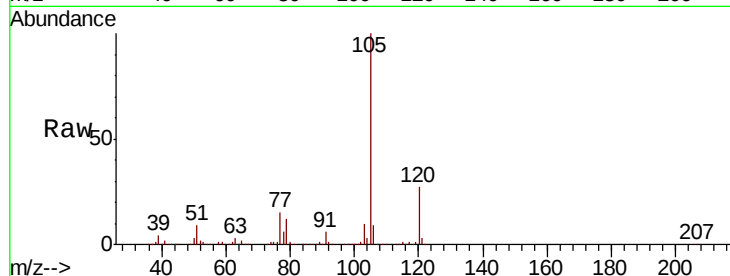
ClientSampleId :

Tot Ion:105 Resp: 2659409

Ion Ratio Lower Upper

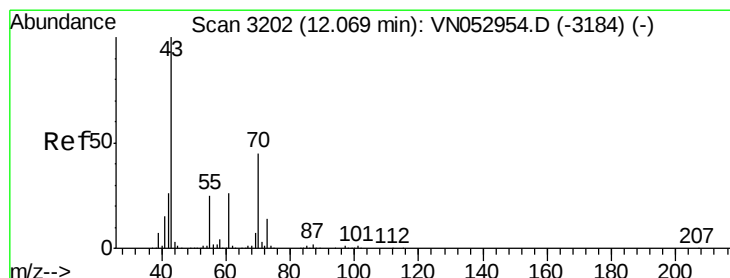
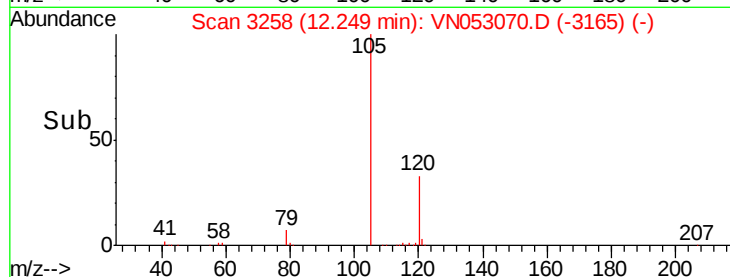
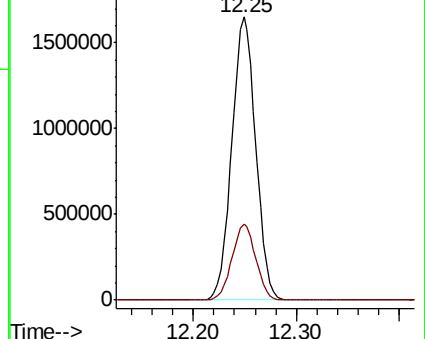
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.804 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Tgt Ion: 43 Resp: 758049

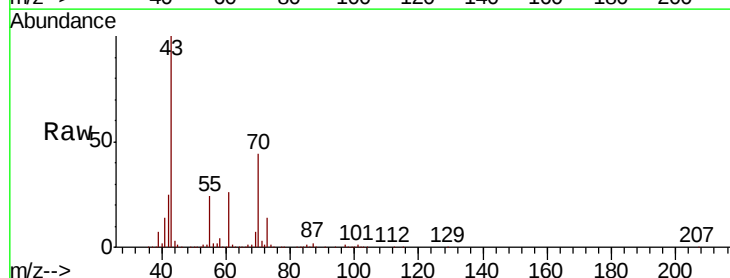
Ion Ratio Lower Upper

43 100

70 44.2 34.2 51.4

55 24.7 20.3 30.5

61 25.6 20.0 30.0

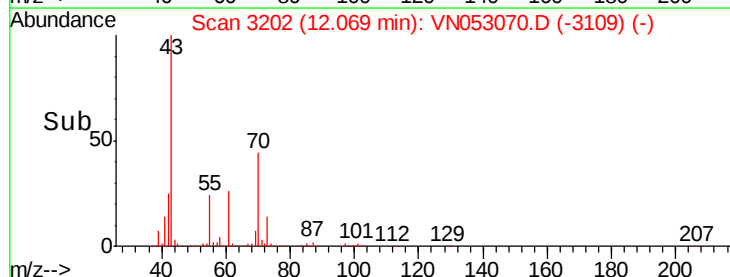
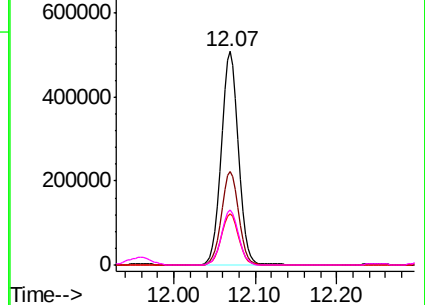


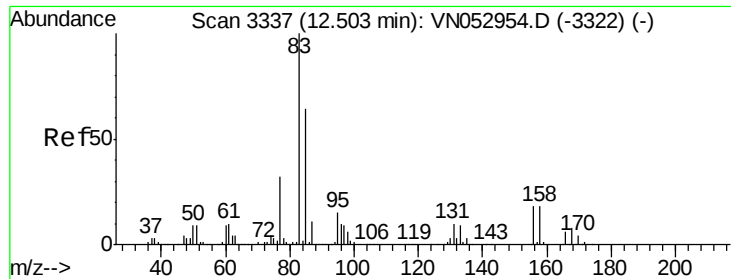
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 56.697 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampleId :

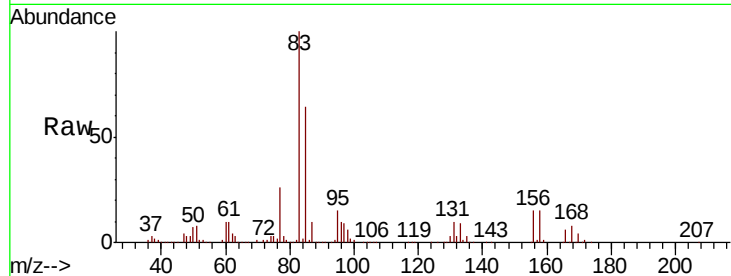
Tot Ion: 83 Resp: 544228

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

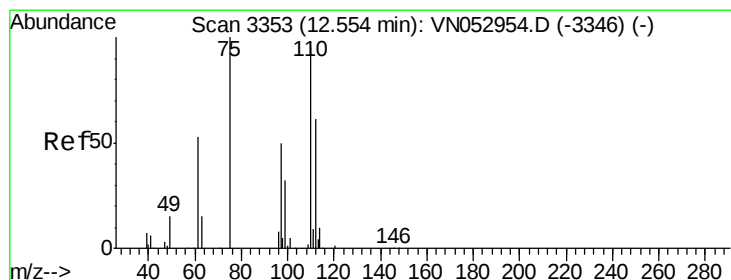
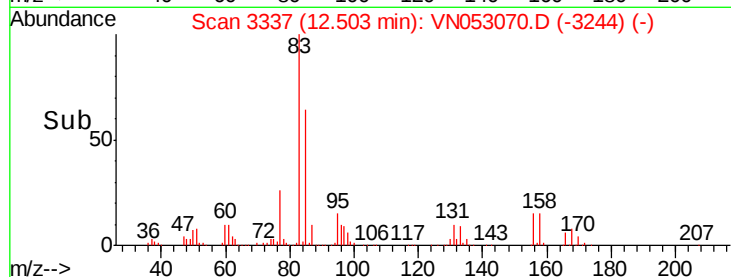
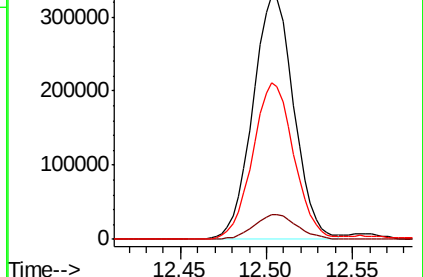
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN052954.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052954.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 70.066 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053070.D

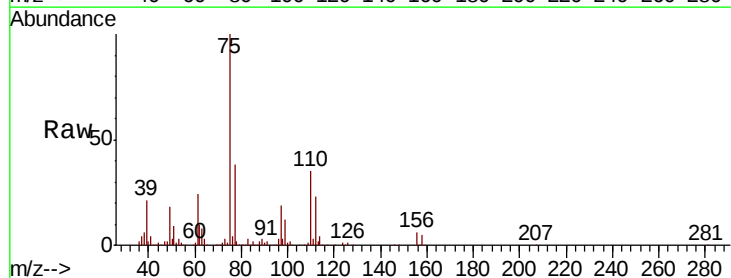
Acq: 20 Dec 2018 21:42

Tgt Ion: 75 Resp: 737587

Ion Ratio Lower Upper

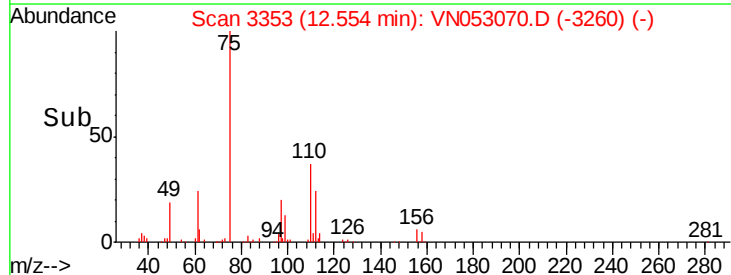
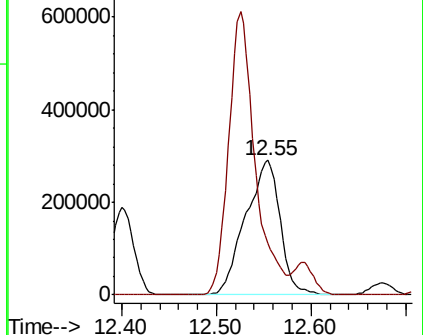
75 100

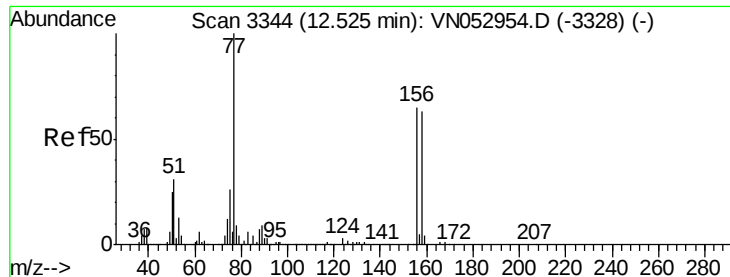
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052954.D (-3346) (-)





#77

Bromobenzene

Concen: 52.557 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

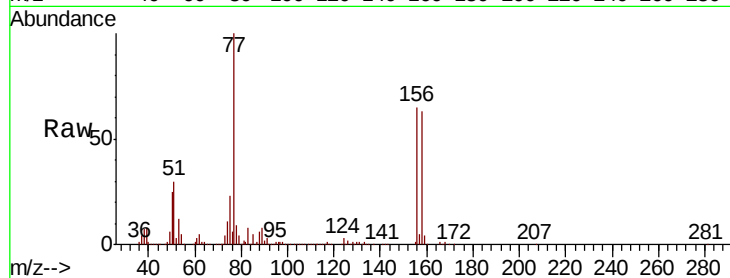
Tot Ion:156 Resp: 668445

Ion Ratio Lower Upper

156 100

77 178.7 91.3 273.8

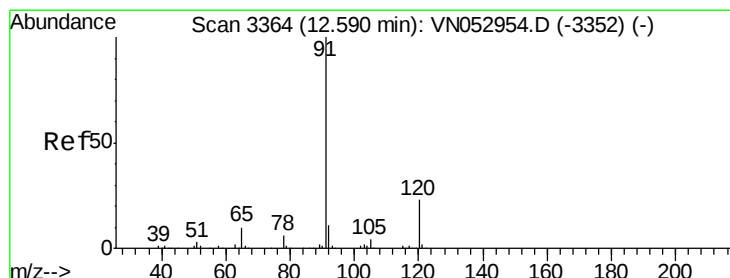
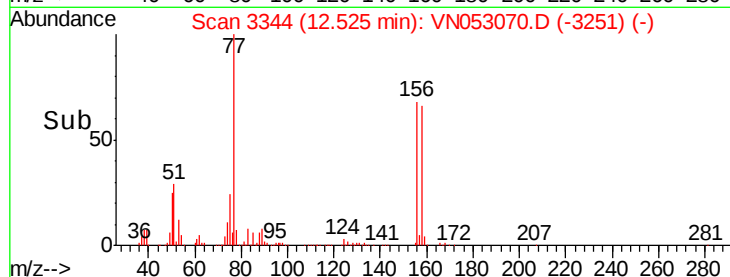
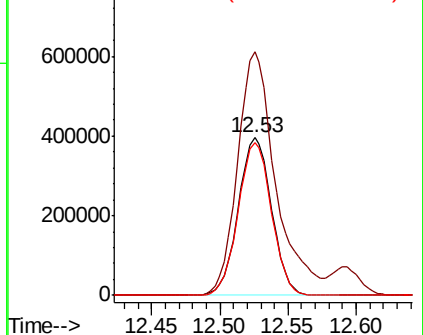
158 97.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053070.D

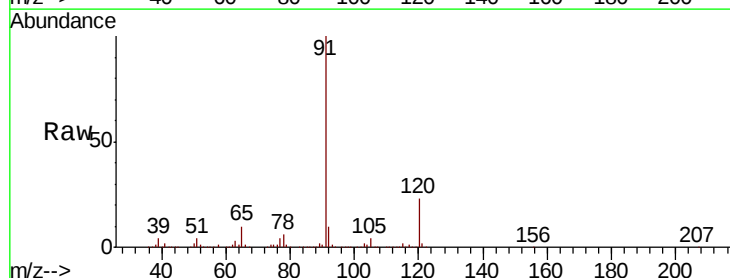
Acq: 20 Dec 2018 21:42

Tgt Ion: 91 Resp: 2929783

Ion Ratio Lower Upper

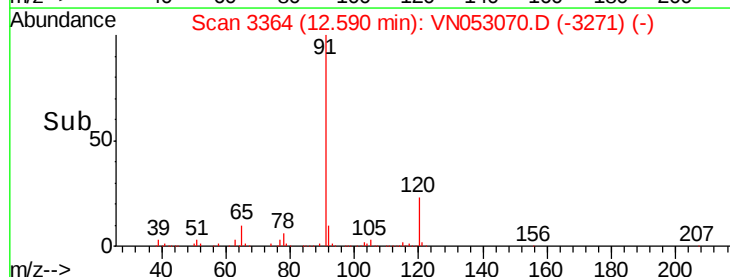
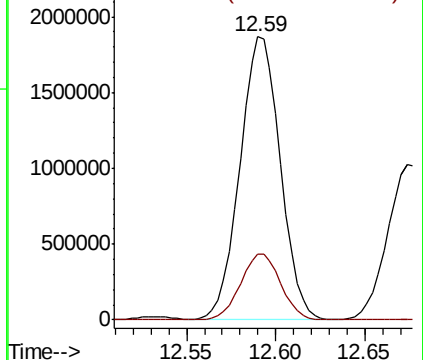
91 100

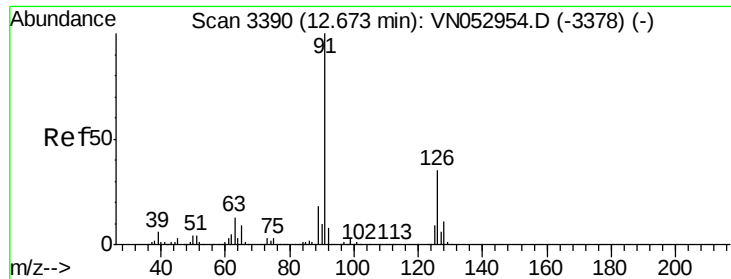
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.026 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

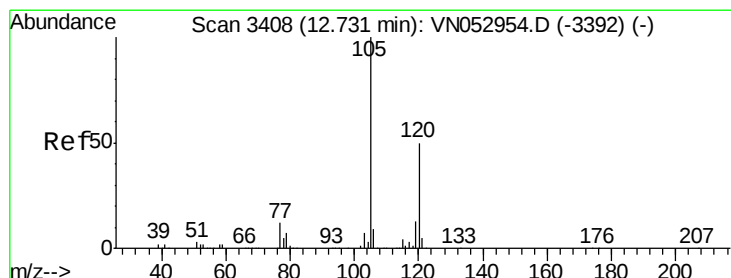
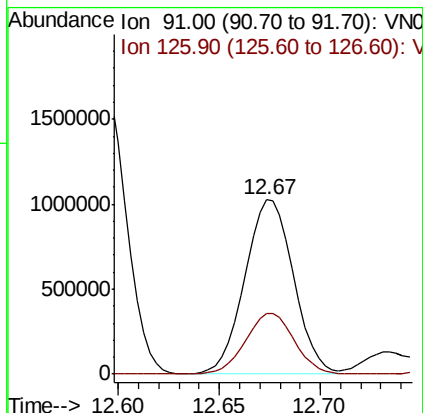
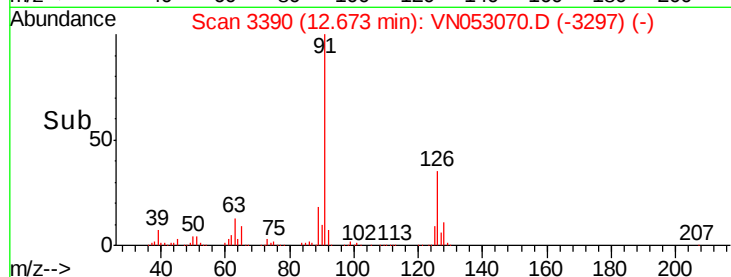
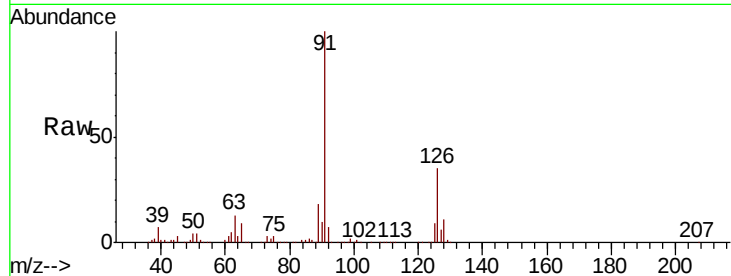
ClientSampleId :

Tot Ion: 91 Resp: 1727927

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 51.294 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053070.D

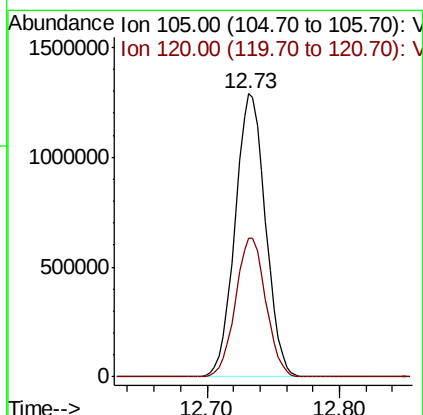
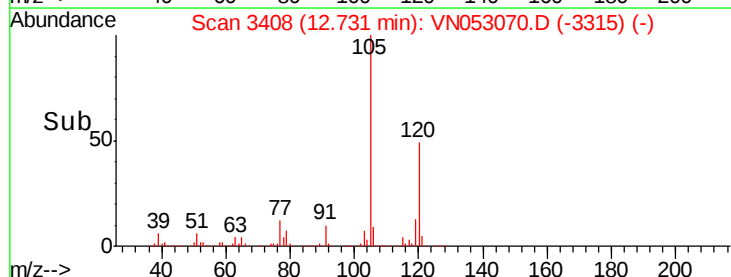
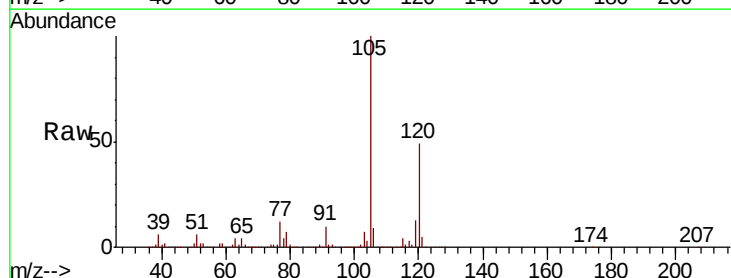
Acq: 20 Dec 2018 21:42

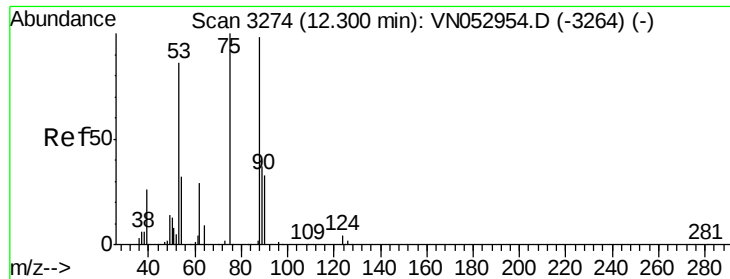
Tgt Ion:105 Resp: 2045633

Ion Ratio Lower Upper

105 100

120 49.0 24.4 73.2

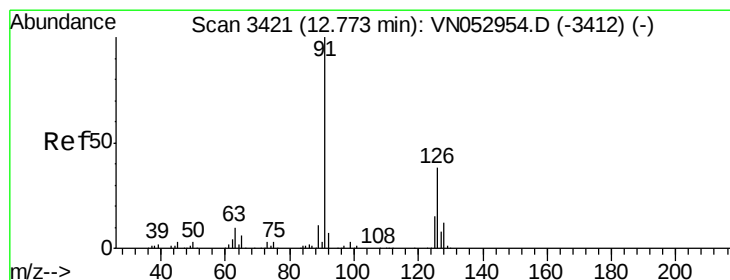
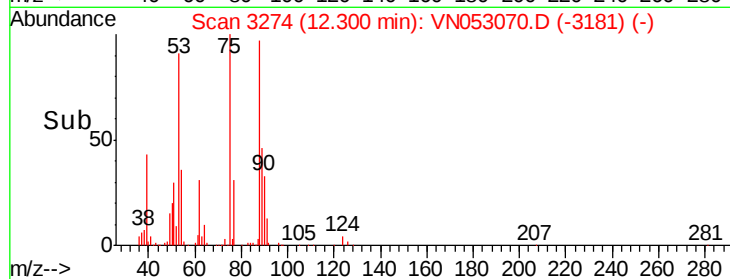
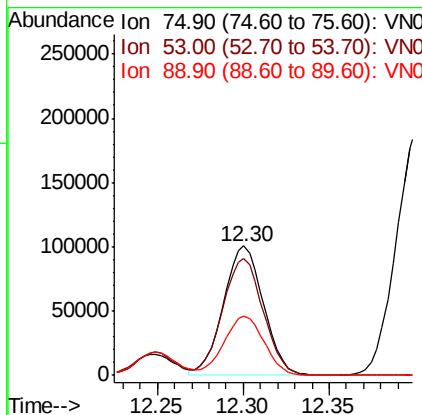
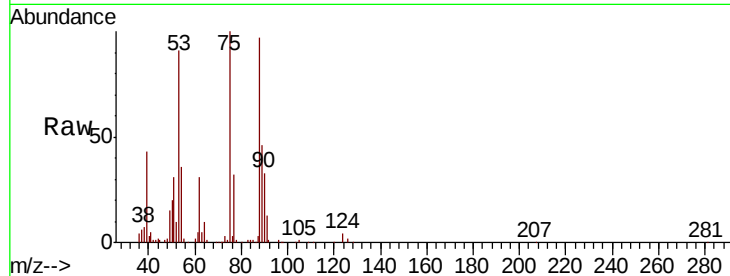




#81
trans-1,4-Dichloro-2-butene
Concen: 50.311 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

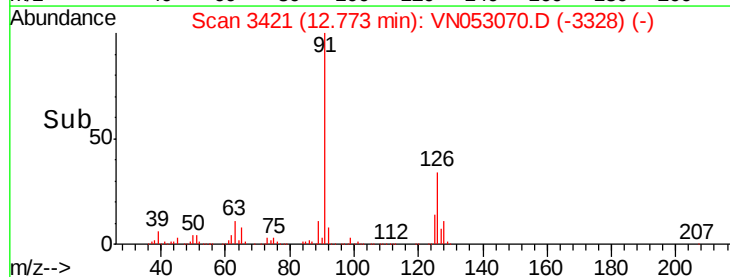
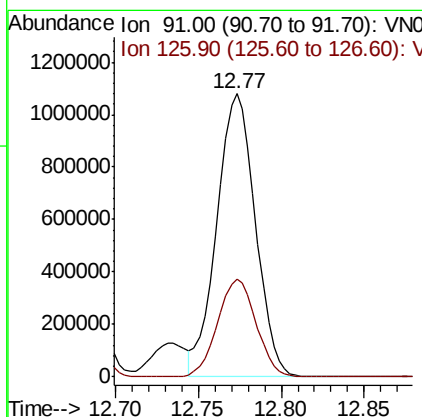
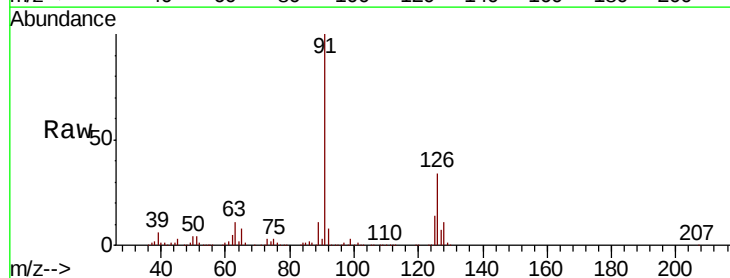
Instrument :
MSVOA_N
ClientSampled :

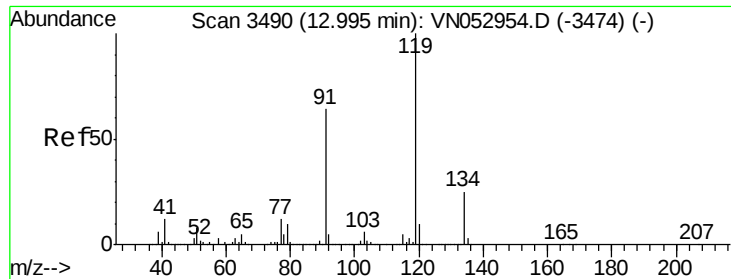
Tot Ion: 75 Resp: 164320
Ion Ratio Lower Upper
75 100
53 91.7 74.7 112.1
89 45.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 51.471 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion: 91 Resp: 1740331
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

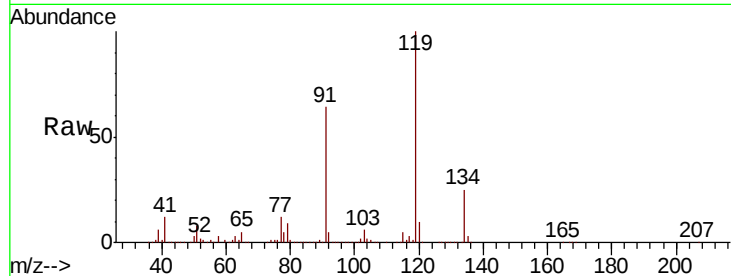




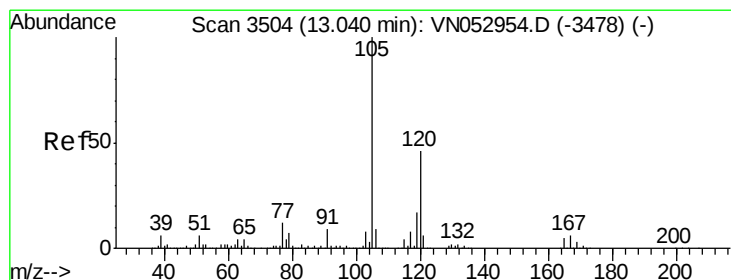
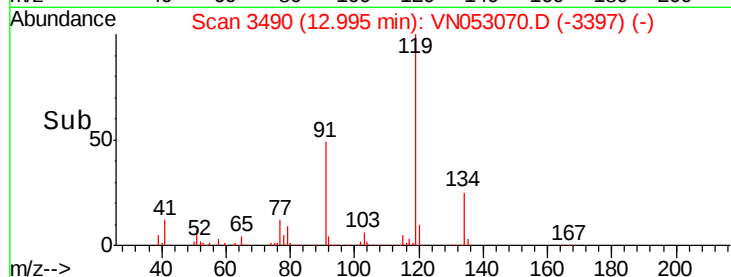
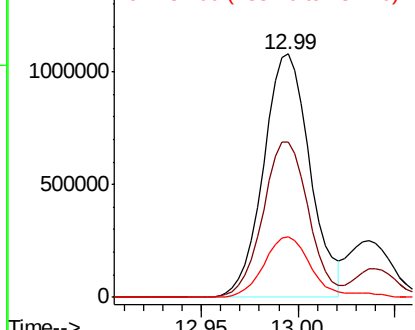
#83
tert-Butylbenzene
Concen: 51.128 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 1803303
Ion Ratio Lower Upper
119 100
91 62.5 31.9 95.5
134 25.7 12.8 38.4

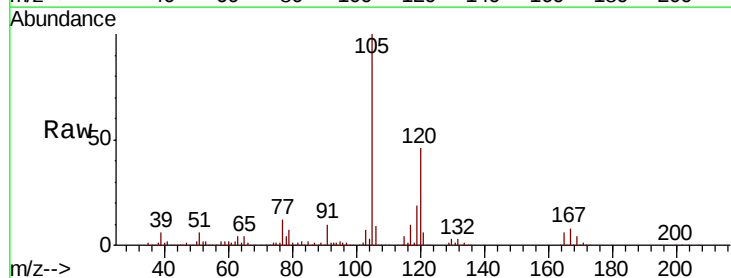


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

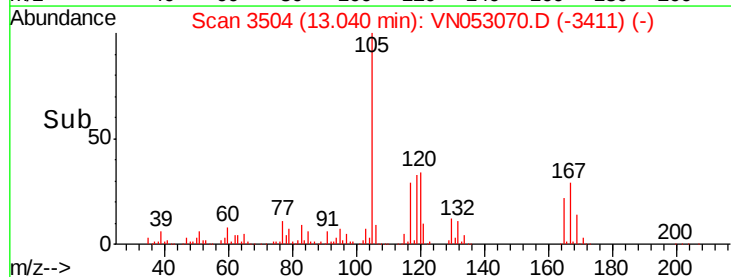
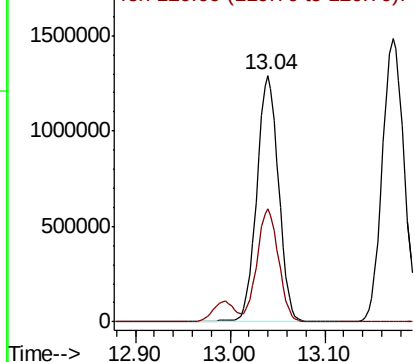


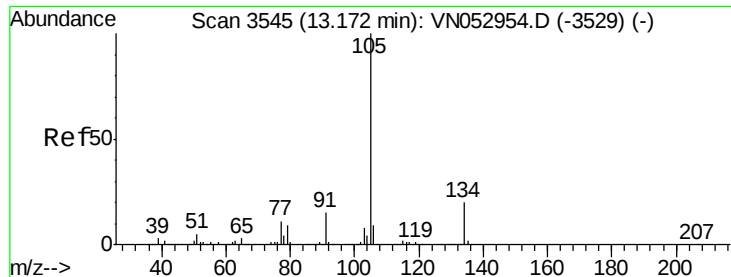
#84
1,2,4-Trimethylbenzene
Concen: 51.381 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053070.D
Acq: 20 Dec 2018 21:42

Tgt Ion:105 Resp: 2059916
Ion Ratio Lower Upper
105 100
120 45.6 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: 49.710 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

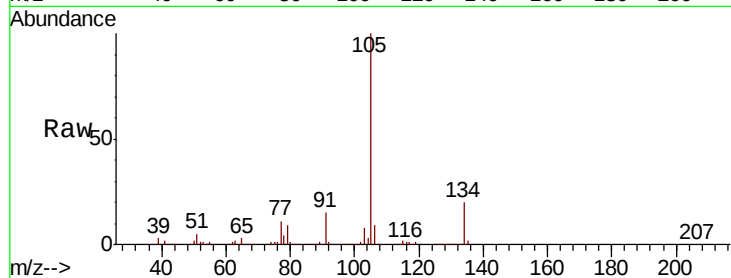
ClientSampled :

Tot Ion:105 Resp: 2371485

Ion Ratio Lower Upper

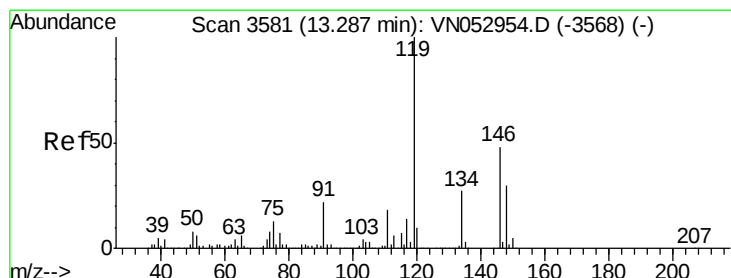
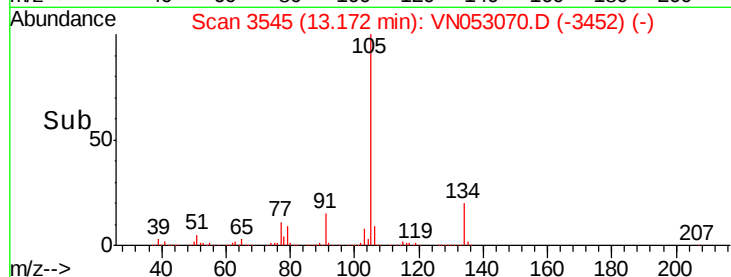
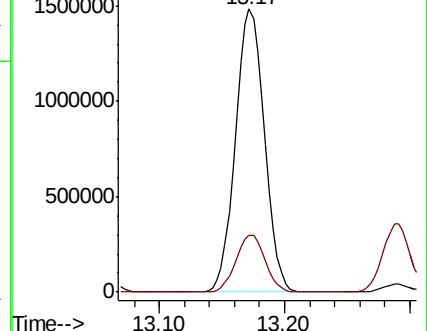
105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.447 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

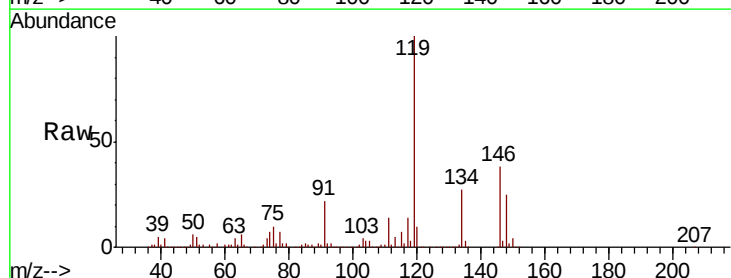
Tgt Ion:119 Resp: 2038342

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

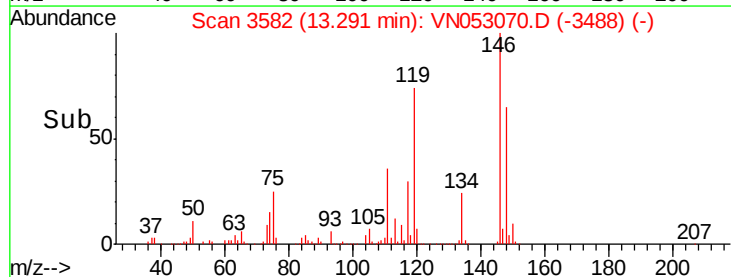
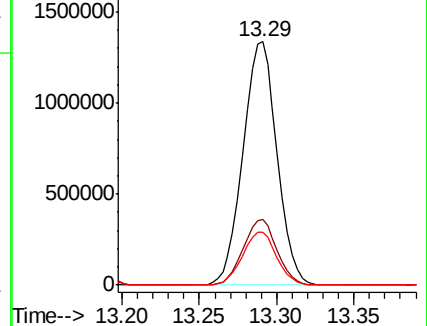
91 21.9 11.1 33.3

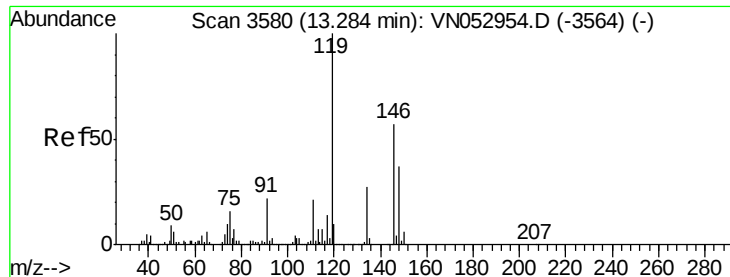


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.249 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

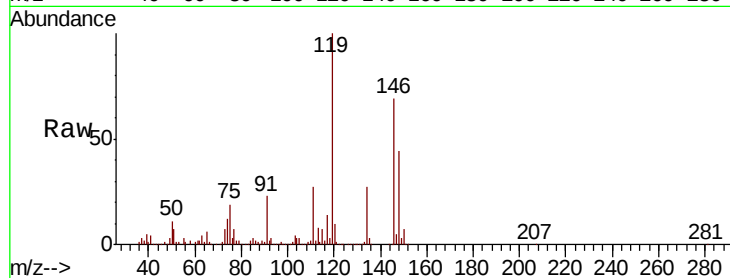
Tot Ion:146 Resp: 1108604

Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

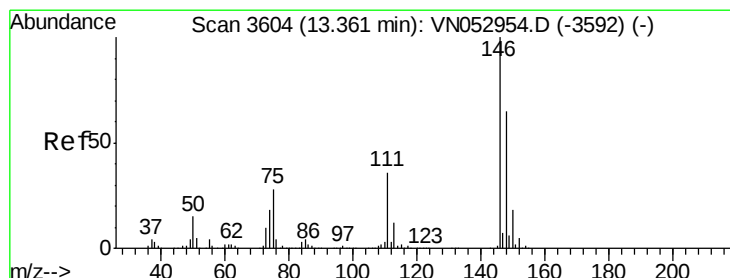
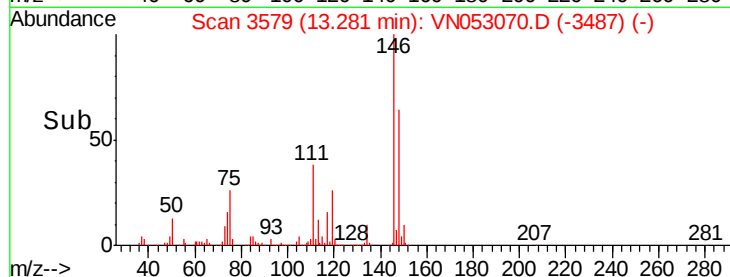
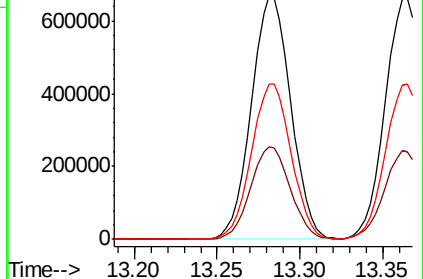
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.107 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

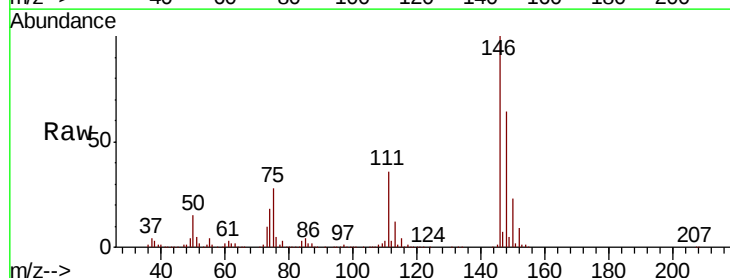
Tgt Ion:146 Resp: 1096624

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.8

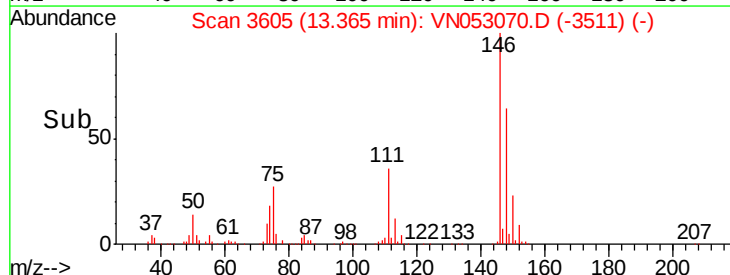
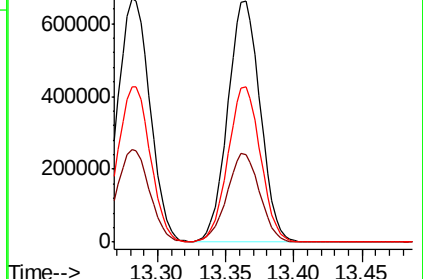
148 64.3 32.1 96.5

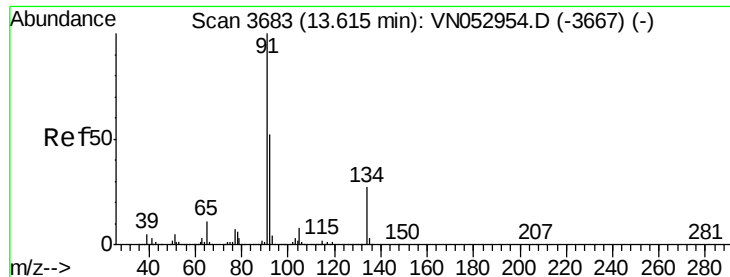


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 46.144 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Instrument :

MSVOA_N

ClientSampled :

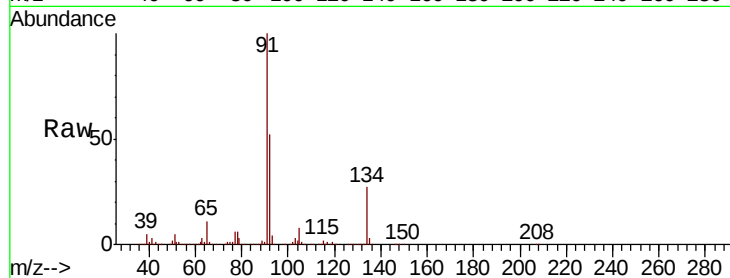
Tot Ion: 91 Resp: 1636459

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

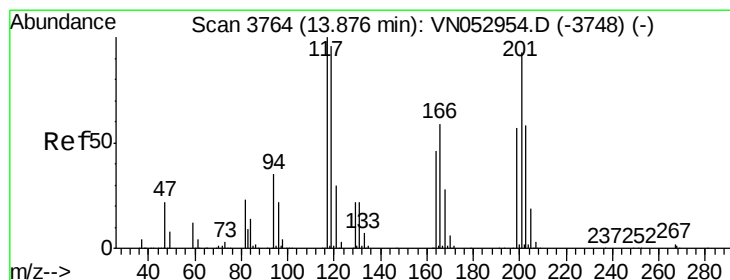
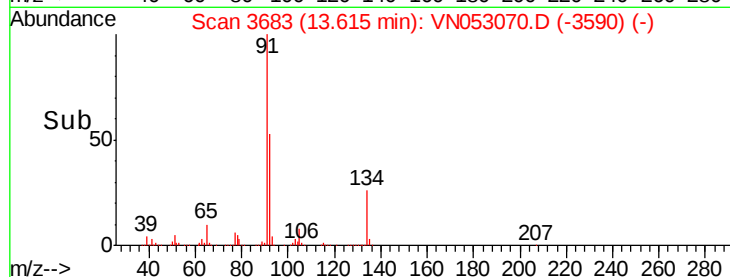
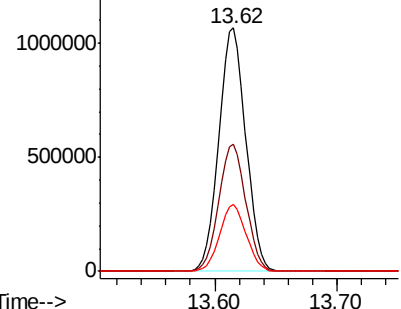
134 27.0 13.3 39.8



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

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

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



#90

Hexachloroethane

Concen: 49.223 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053070.D

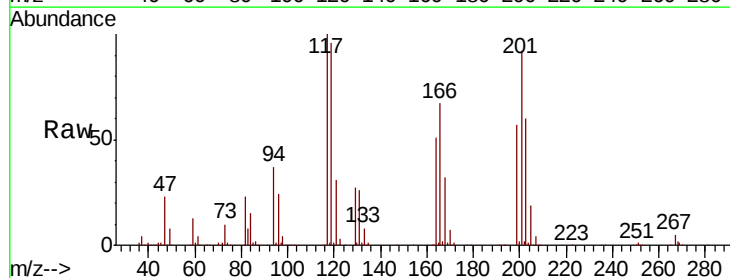
Acq: 20 Dec 2018 21:42

Tgt Ion: 117 Resp: 311383

Ion Ratio Lower Upper

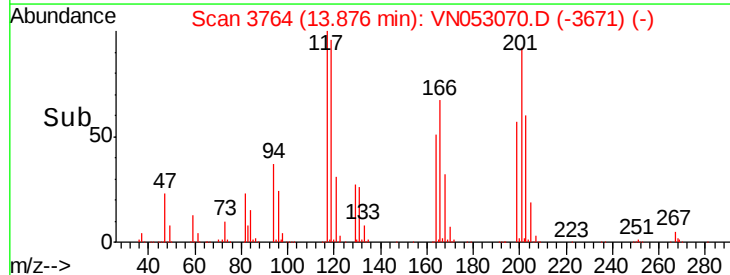
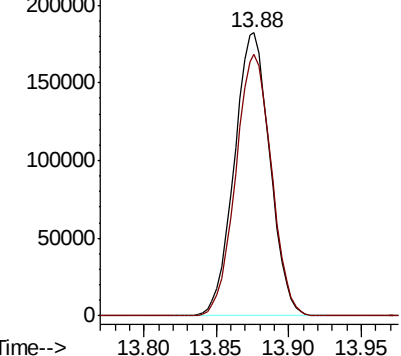
117 100

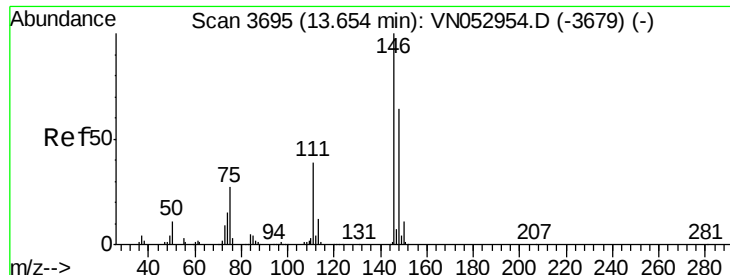
201 92.5 45.7 137.1



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

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

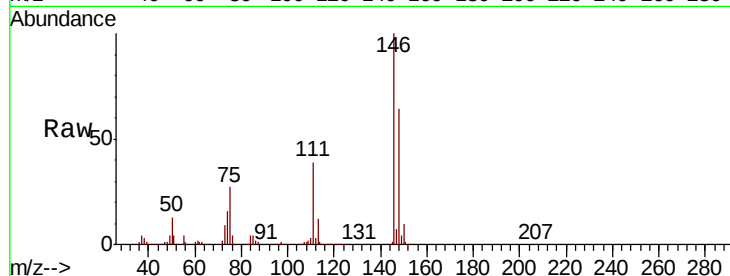




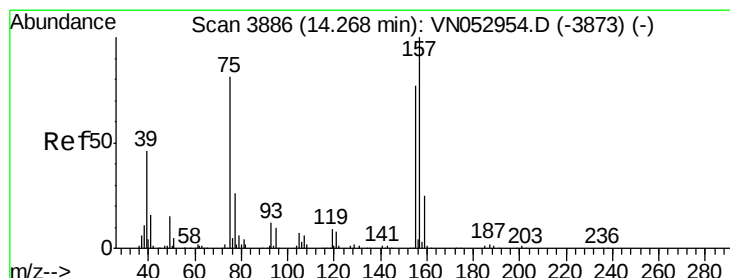
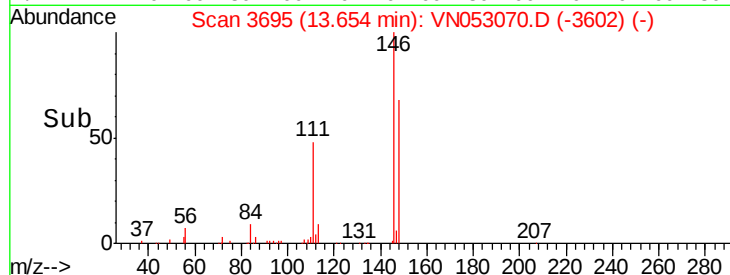
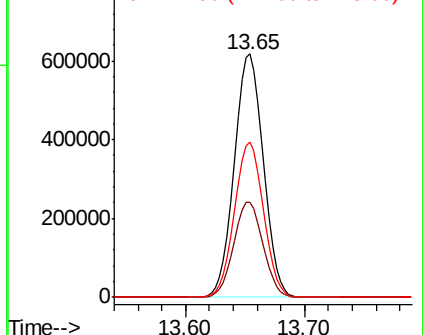
#91
 1,2-Dichlorobenzene
 Concen: 49.332 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1045117
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.0
 148 63.8 32.0 96.0

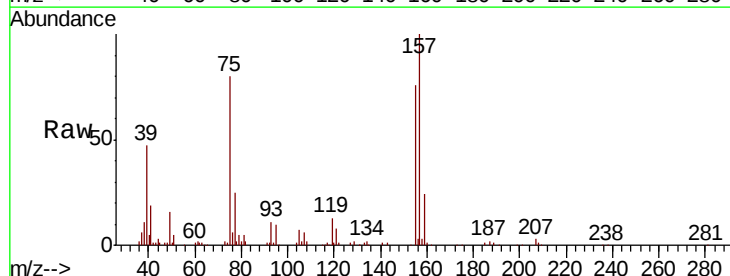


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

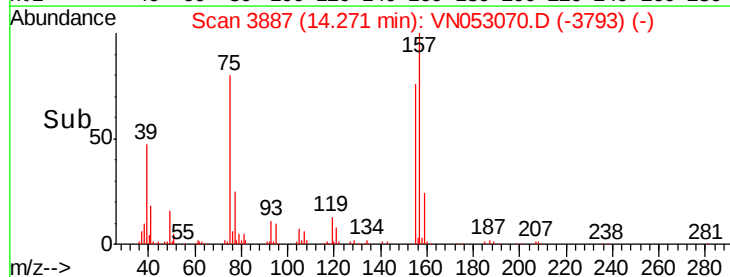
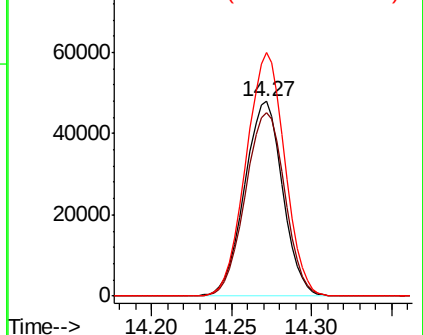


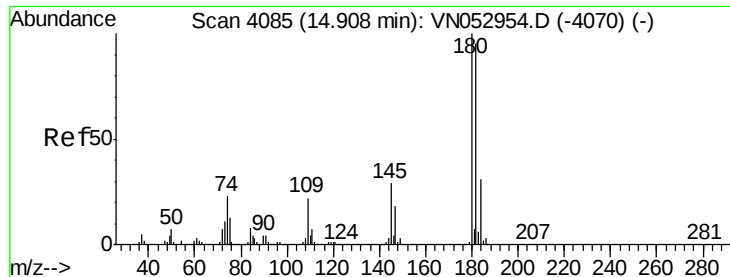
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.964 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion: 75 Resp: 77947
 Ion Ratio Lower Upper
 75 100
 155 97.6 48.2 144.6
 157 127.2 61.2 183.5



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

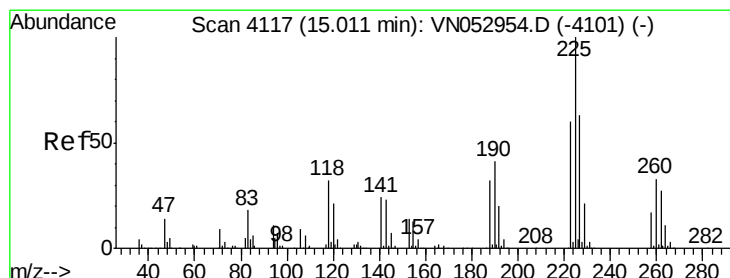
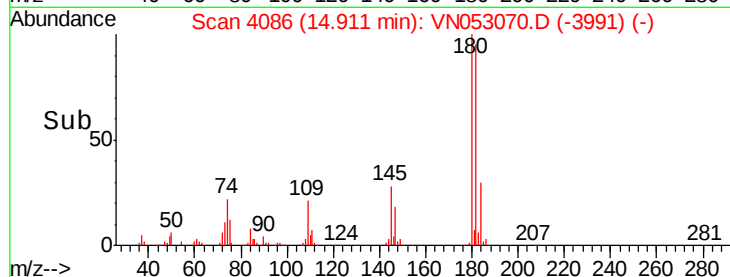
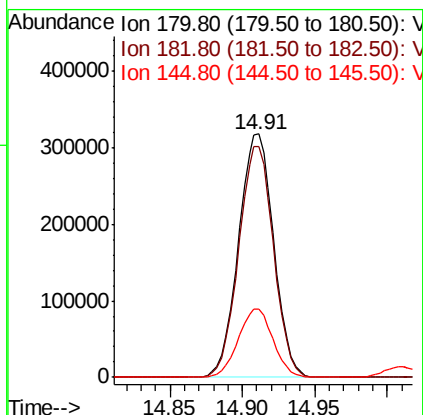
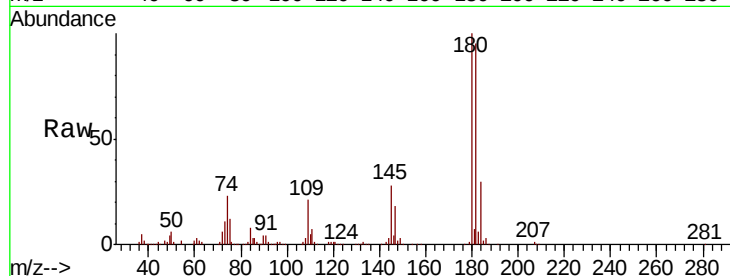




#93
 1,2,4-Trichlorobenzene
 Concen: 47.588 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

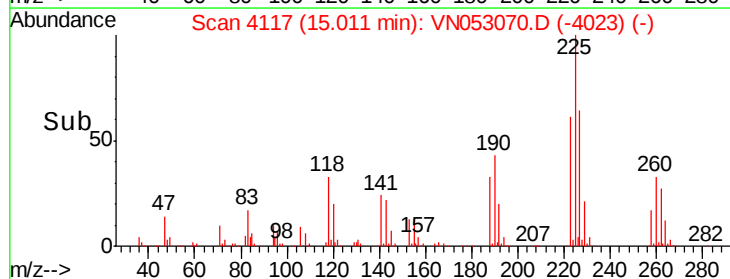
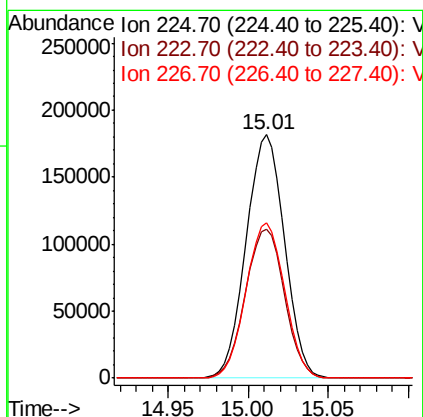
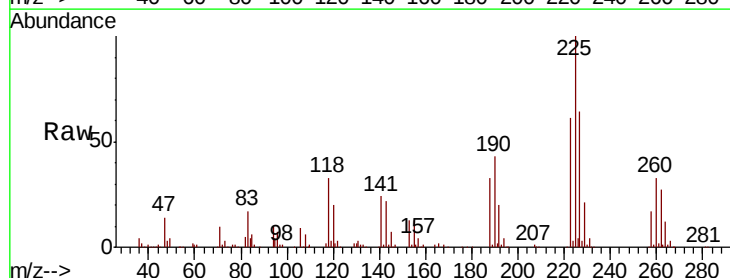
Instrument :
 MSVOA_N
 ClientSampled :

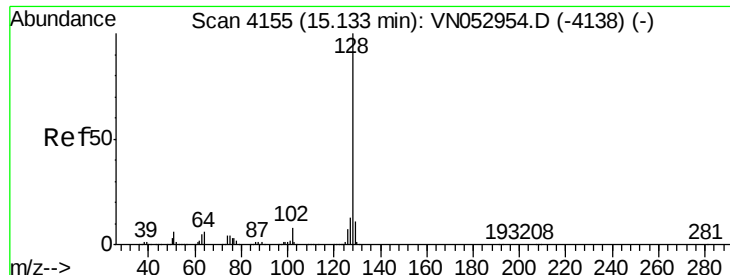
Tot Ion:180 Resp: 533802
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 27.7 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 51.395 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053070.D
 Acq: 20 Dec 2018 21:42

Tgt Ion:225 Resp: 298220
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 64.0 31.9 95.7





#95

Naphthalene

Concen: 46.589 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

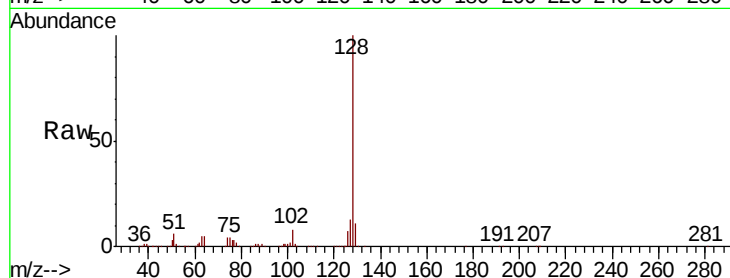
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 1143505

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.6	13.0

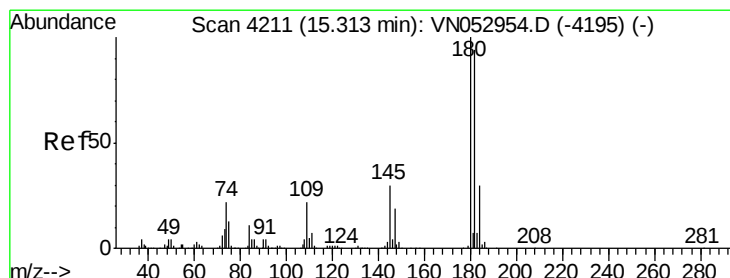
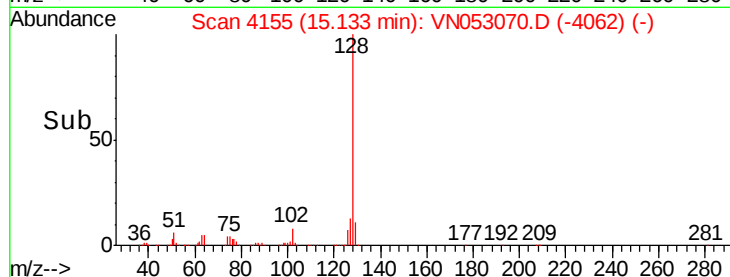
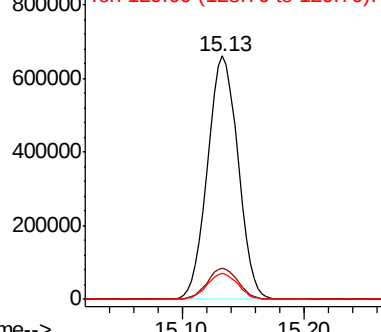


Abundance

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: 47.475 ug/l

RT: 15.32 min Scan# 4212

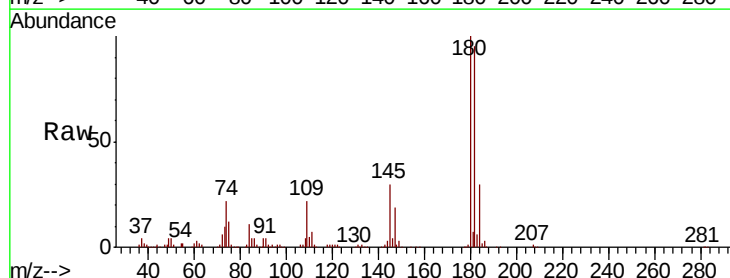
Delta R.T. 0.00 min

Lab File: VN053070.D

Acq: 20 Dec 2018 21:42

Tgt Ion:180 Resp: 479587

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	30.1	15.0	45.0



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

