

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053499.D
 Acq On : 21 Jan 2019 11:52
 Operator : JC/SP
 Sample : VN0121WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Quant Time: Jan 22 04:03:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	757174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1124888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1013764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	497716	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	381643	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	346720	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
50) Toluene-d8	10.09	98	1392298	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.40	95	476409	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	118486	19.463	ug/l	99
3) Chloromethane	2.06	50	161568	18.563	ug/l	99
4) Vinyl Chloride	2.19	62	161028	19.193	ug/l	98
5) Bromomethane	2.57	94	112812	19.596	ug/l	96
6) Chloroethane	2.71	64	99572	19.629	ug/l	97
7) Trichlorofluoromethane	3.02	101	223850	20.398	ug/l	99
8) Diethyl Ether	3.41	74	81866	19.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	141004	20.288	ug/l	99
10) Methyl Iodide	3.96	142	205550	19.353	ug/l	100
11) Tert butyl alcohol	4.77	59	34355	93.814	ug/l	100
12) 1,1-Dichloroethene	3.74	96	132684	19.682	ug/l	95
13) Acrolein	3.61	56	55015	92.725	ug/l	100
14) Allyl chloride	4.33	41	203878	18.619	ug/l	93
15) Acrylonitrile	4.98	53	238396	98.918	ug/l	99
16) Acetone	3.81	43	172400	98.185	ug/l	100
17) Carbon Disulfide	4.06	76	381520	18.715	ug/l	99
18) Methyl Acetate	4.32	43	118475	20.027	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	360309	20.116	ug/l	100
20) Methylene Chloride	4.55	84	156549	19.528	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	144473	20.046	ug/l	99
22) Diisopropyl ether	5.95	45	468372	20.490	ug/l	99
23) Vinyl Acetate	5.89	43	1400388	99.659	ug/l	98
24) 1,1-Dichloroethane	5.85	63	276463	20.458	ug/l	100
25) 2-Butanone	6.83	43	260608	96.314	ug/l	100
26) 2,2-Dichloropropane	6.82	77	206724	20.261	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	167374	20.309	ug/l	100
28) Bromochloromethane	7.19	49	125015	21.000	ug/l	99
29) Tetrahydrofuran	7.21	42	167821	95.272	ug/l	99
30) Chloroform	7.37	83	272245	20.678	ug/l	97
31) Cyclohexane	7.65	56	256853	19.394	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	224264	20.080	ug/l	99
36) 1,1-Dichloropropene	7.79	75	207184	20.224	ug/l	99
37) Ethyl Acetate	6.93	43	113471	19.252	ug/l	98
38) Carbon Tetrachloride	7.77	117	197858	20.400	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	252603	19.950	ug/l	96
40) Benzene	8.04	78	636632	20.450	ug/l	100
41) Methacrylonitrile	7.17	41	60924	17.831	ug/l	92
42) 1,2-Dichloroethane	8.12	62	188223	20.754	ug/l	100
43) Isopropyl Acetate	8.16	43	208848	19.706	ug/l	99
44) Trichloroethene	8.83	130	181869	21.066	ug/l	100
45) 1,2-Dichloropropane	9.12	63	169259	20.527	ug/l	98
46) Dibromomethane	9.21	93	95364	20.130	ug/l	98
47) Bromodichloromethane	9.40	83	201004	20.175	ug/l	98
48) Methyl methacrylate	9.20	41	103107	18.843	ug/l	99
49) 1,4-Dioxane	9.20	88	21794	407.814	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	561164	96.997	ug/l	99
52) Toluene	10.15	92	393966	20.384	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	202173	20.020	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	243444	20.565	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	136371	20.466	ug/l	99
56) Ethyl methacrylate	10.43	69	164047	18.692	ug/l	100
57) 1,3-Dichloropropane	10.71	76	234428	20.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	451771	96.915	ug/l	100
59) 2-Hexanone	10.75	43	385150	94.834	ug/l	98
60) Dibromochloromethane	10.90	129	154808	20.484	ug/l	100
61) 1,2-Dibromoethane	11.00	107	134415	19.946	ug/l	98
64) Tetrachloroethene	10.63	164	203435	21.294	ug/l	99
65) Chlorobenzene	11.43	112	442128	20.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	158223	21.196	ug/l	97
67) Ethyl Benzene	11.51	91	741969	20.289	ug/l	99
68) m/p-Xylenes	11.62	106	578732	41.916	ug/l	98
69) o-Xylene	11.95	106	278710	20.774	ug/l	98
70) Styrene	11.96	104	456518	20.966	ug/l	100
71) Bromoform	12.12	173	103279	20.096	ug/l #	98
73) Isopropylbenzene	12.25	105	739146	20.279	ug/l	100
74) N-amyl acetate	12.07	43	177941	18.314	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	142046	18.582	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	198175	30.214	ug/l #	100
77) Bromobenzene	12.53	156	193708	20.169	ug/l	99
78) n-propylbenzene	12.59	91	850863	20.337	ug/l	100
79) 2-Chlorotoluene	12.67	91	504108	20.328	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	611675	20.626	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44307	18.763	ug/l	96
82) 4-Chlorotoluene	12.77	91	513908	20.321	ug/l	100
83) tert-Butylbenzene	12.99	119	544963	20.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	625683	20.925	ug/l	99
85) sec-Butylbenzene	13.17	105	737799	20.539	ug/l	100
86) p-Isopropyltoluene	13.29	119	648584	20.795	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	350424	20.742	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	346146	20.426	ug/l	100
89) n-Butylbenzene	13.61	91	541926	20.384	ug/l	99
90) Hexachloroethane	13.87	117	98259	20.087	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	333095	21.431	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21207	21.880	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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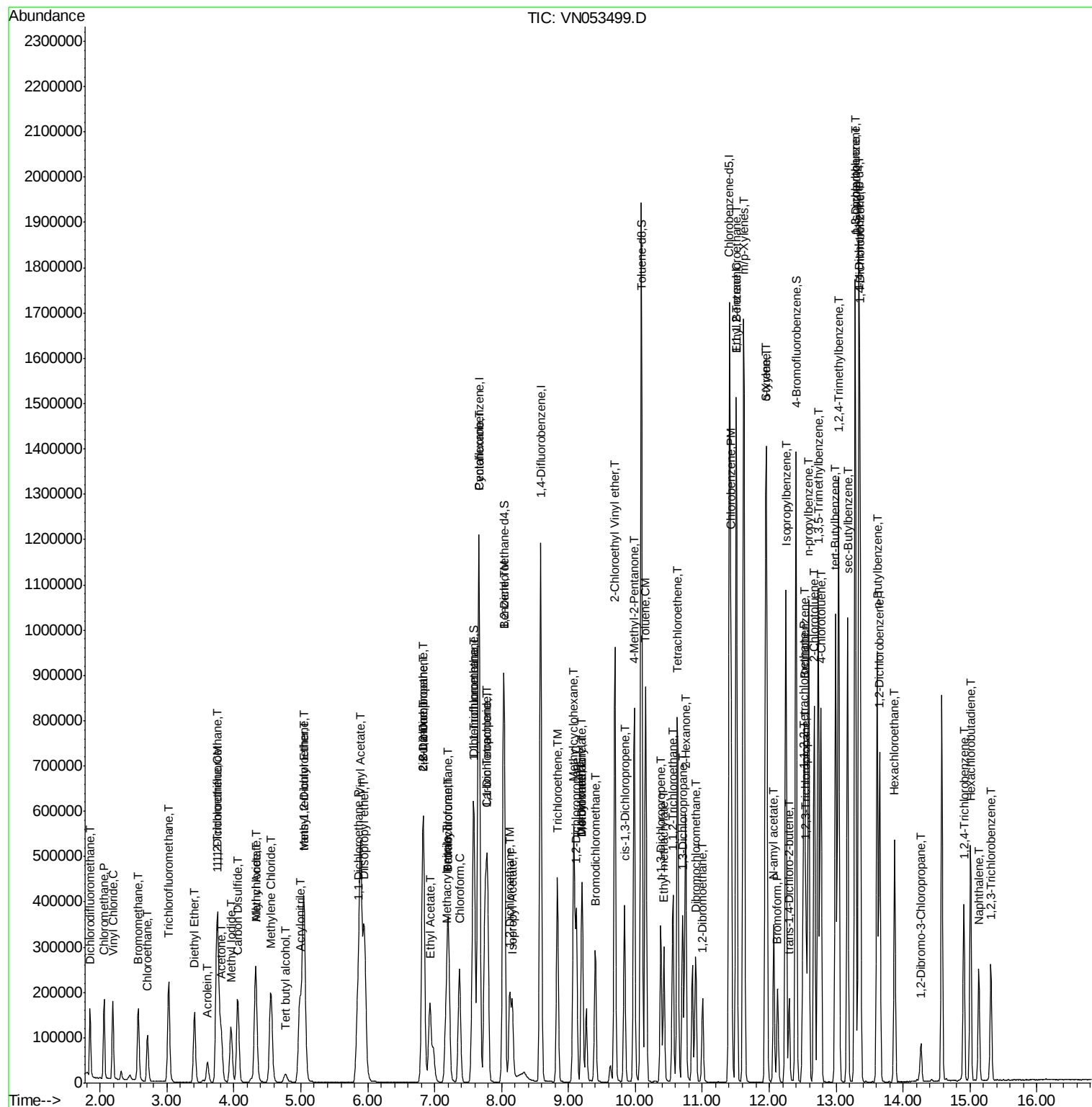
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143163	22.487	ug/l	99
94) Hexachlorobutadiene	15.01	225	113500	23.410	ug/l	99
95) Naphthalene	15.13	128	217930	20.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	100803	22.424	ug/l	100

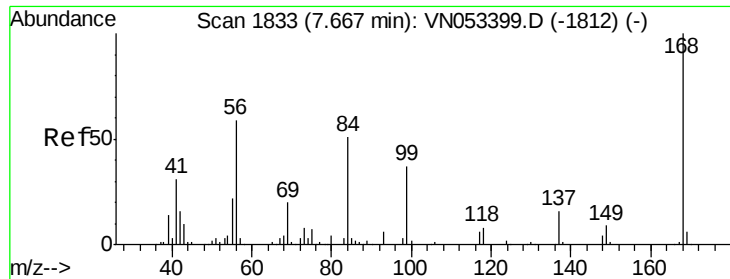
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012119\
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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

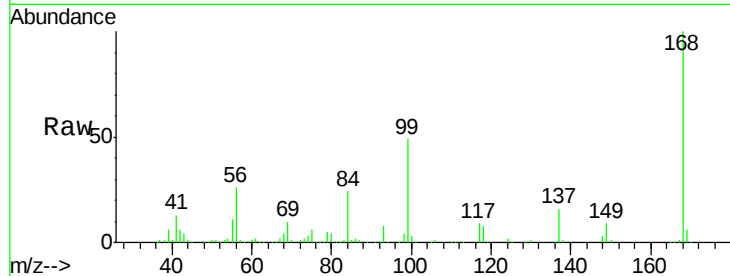
VN0121WBS01

Tot Ion:168 Resp: 757174

Ion Ratio Lower Upper

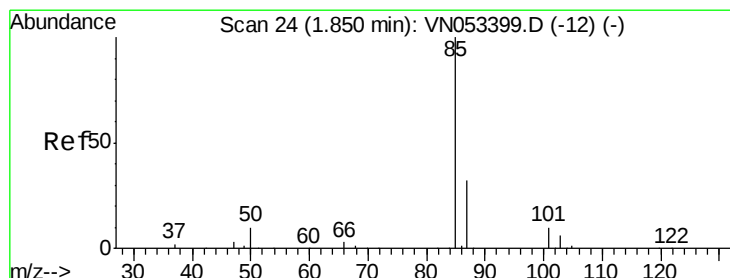
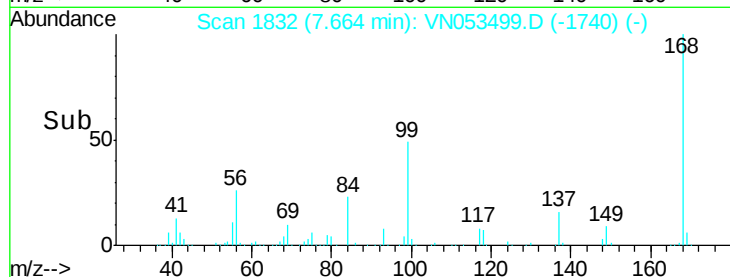
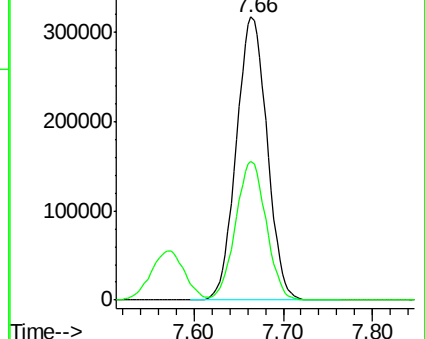
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.463 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053499.D

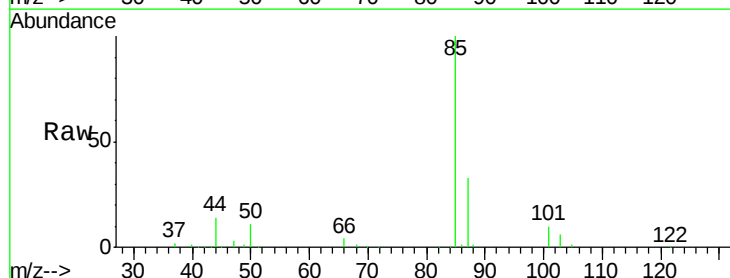
Acq: 21 Jan 2019 11:52

Tgt Ion: 85 Resp: 118486

Ion Ratio Lower Upper

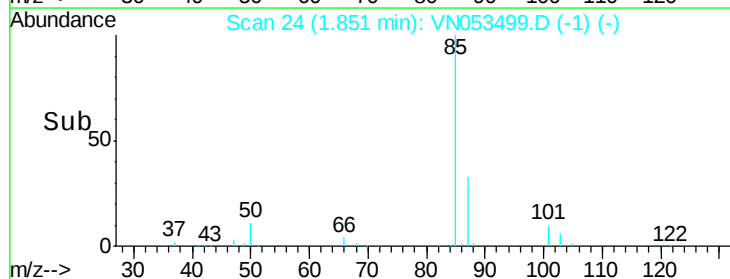
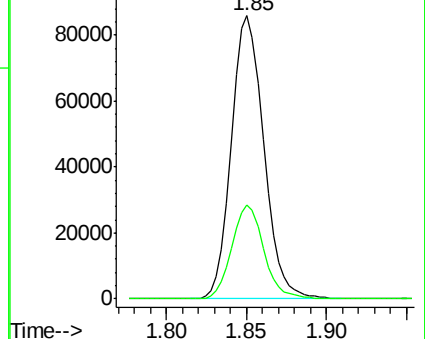
85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

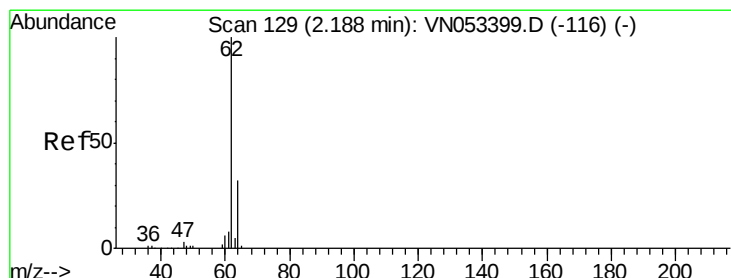
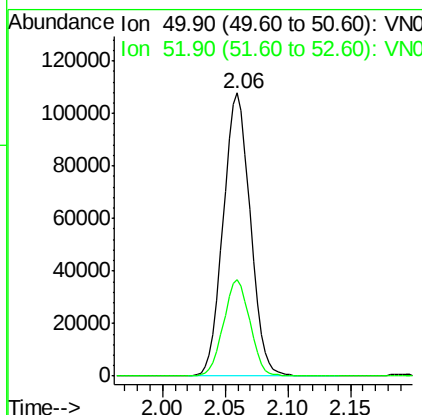
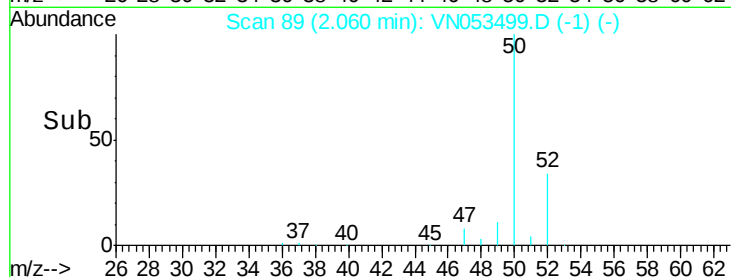
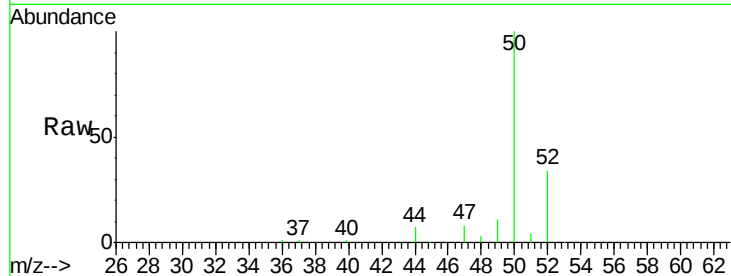




#3
Chloromethane
Concen: 18.563 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

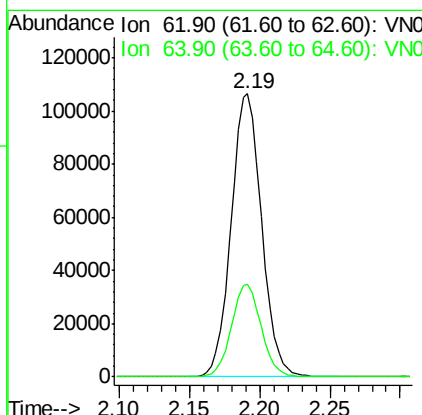
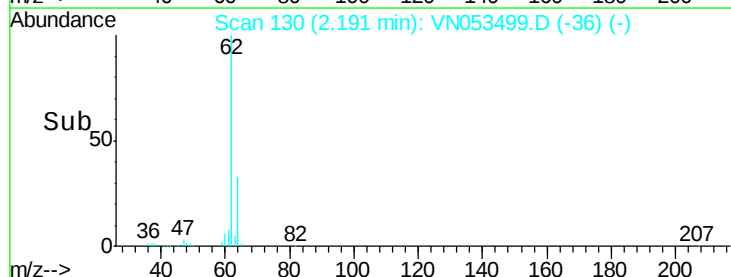
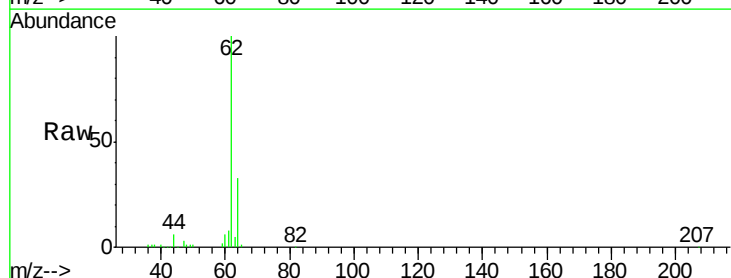
Instrument :
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ClientSampleId :
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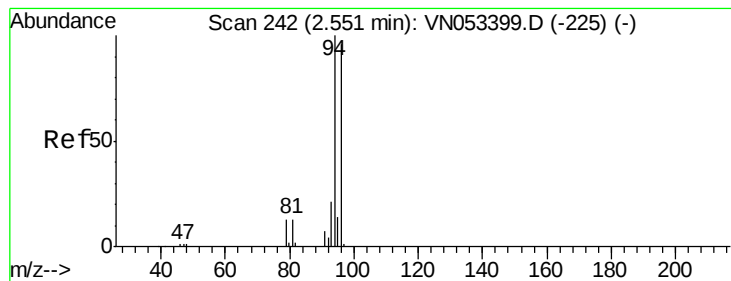
Tot Ion: 50 Resp: 161568
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.193 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 62 Resp: 161028
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.2





#5

Bromomethane

Concen: 19.596 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.02 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

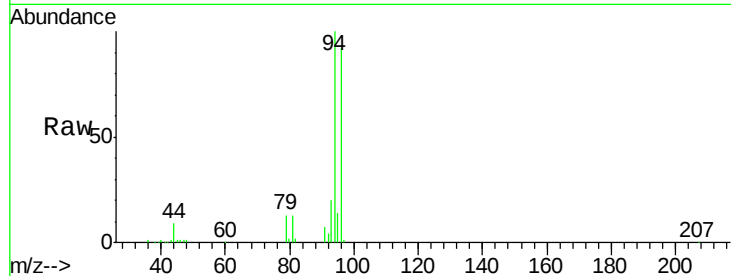
VN0121WBS01

Tot Ion: 94 Resp: 112812

Ion Ratio Lower Upper

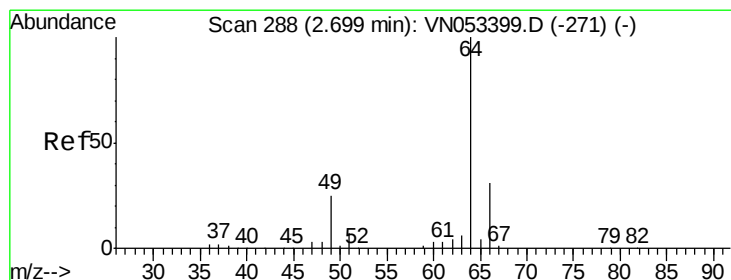
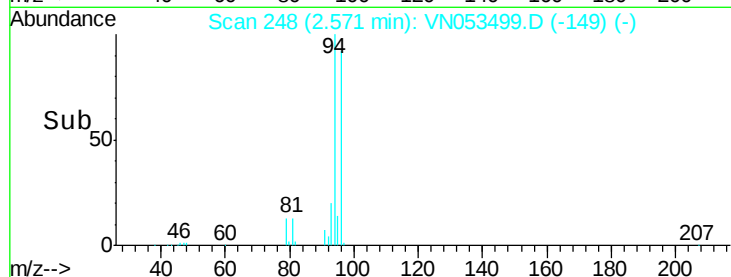
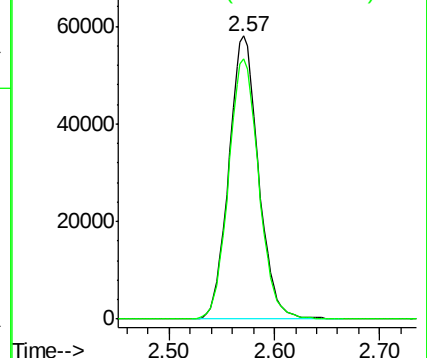
94 100

96 92.0 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.629 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN053499.D

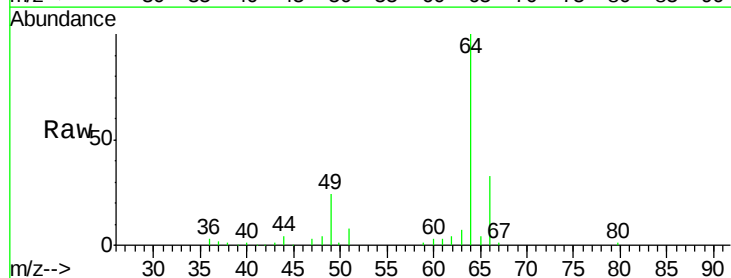
Acq: 21 Jan 2019 11:52

Tgt Ion: 64 Resp: 99572

Ion Ratio Lower Upper

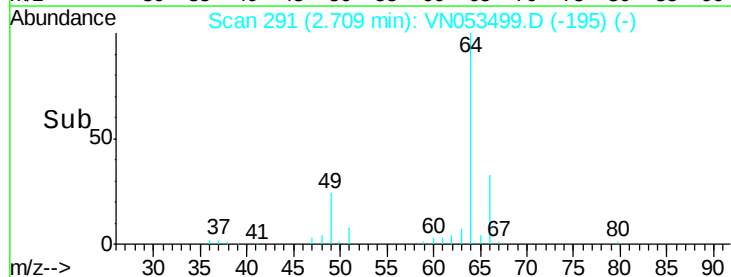
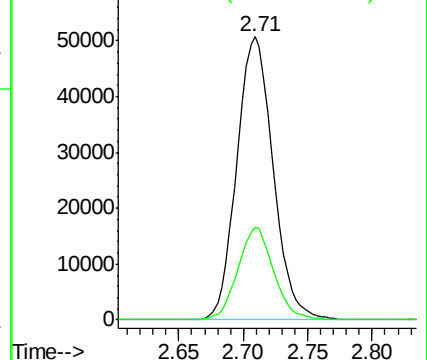
64 100

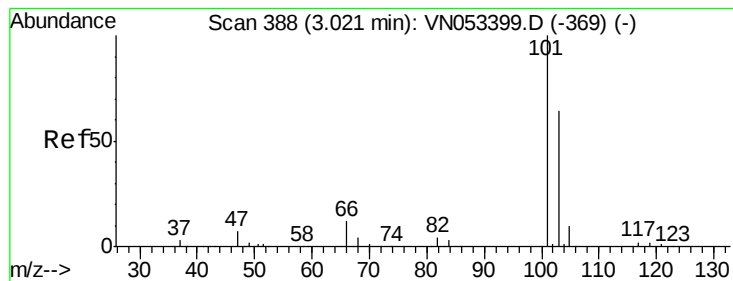
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



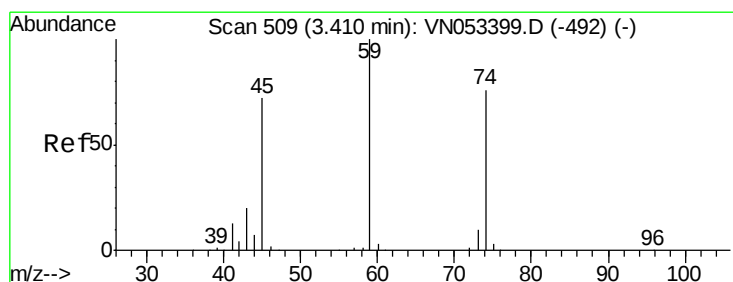
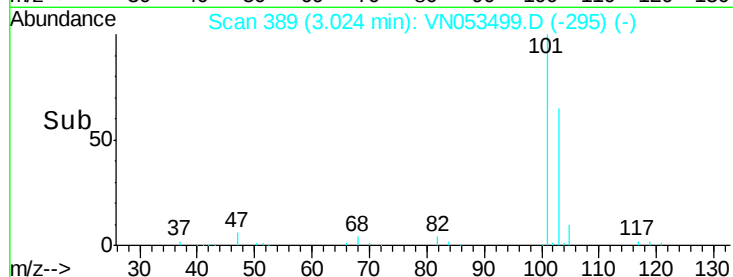
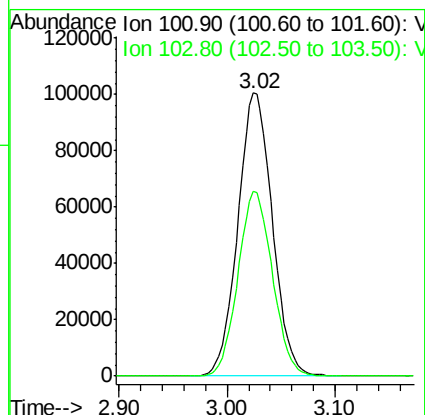
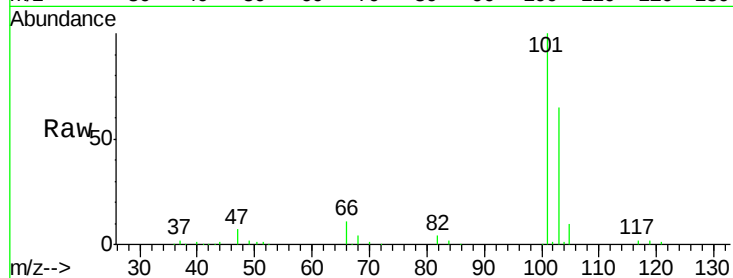


#7

Trichlorofluoromethane
Concen: 20.398 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Instrument :
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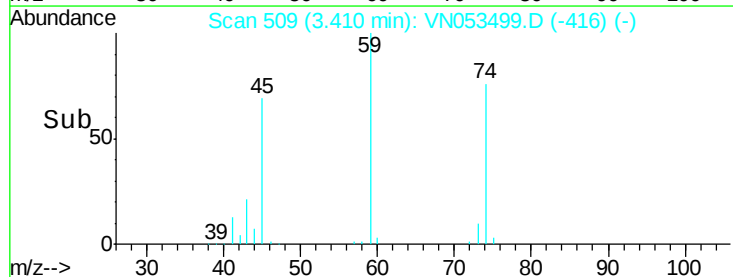
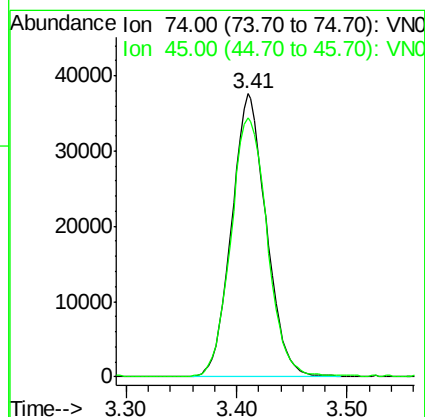
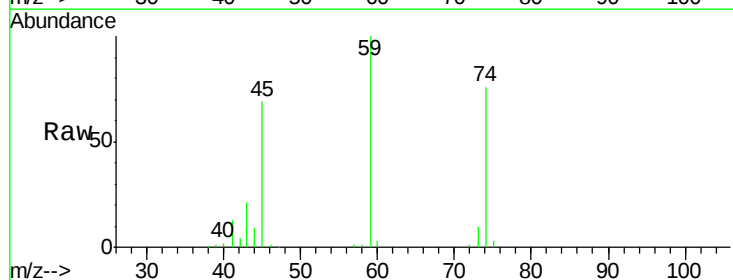
Tot Ion:101 Resp: 223850
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

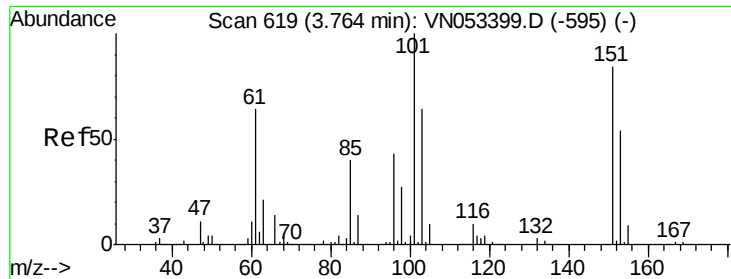


#8

Diethyl Ether
Concen: 19.862 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 74 Resp: 81866
Ion Ratio Lower Upper
74 100
45 96.0 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.288 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

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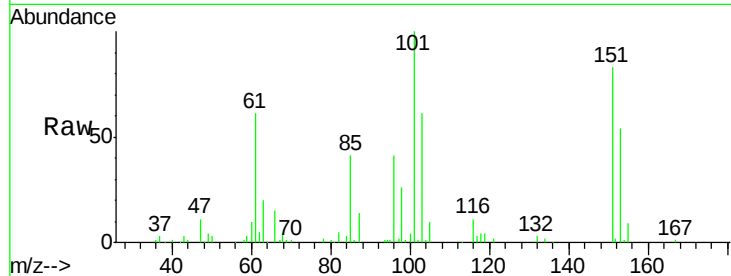
Tot Ion:101 Resp: 141004

Ion Ratio Lower Upper

101 100

85 41.7 32.8 49.2

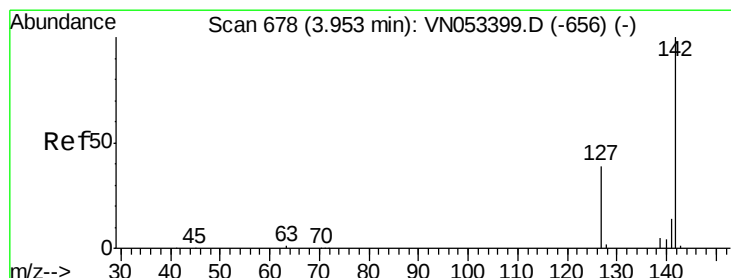
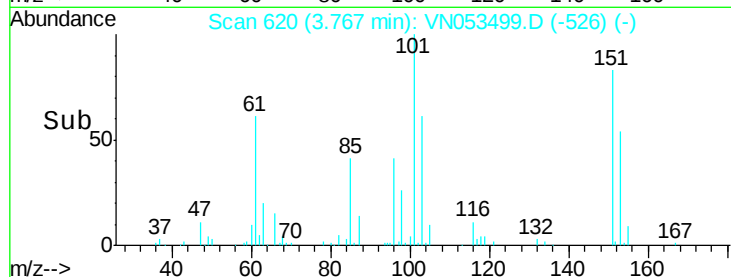
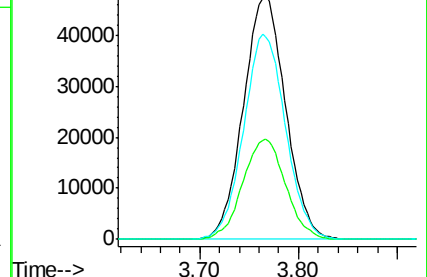
151 83.9 66.9 100.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.353 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

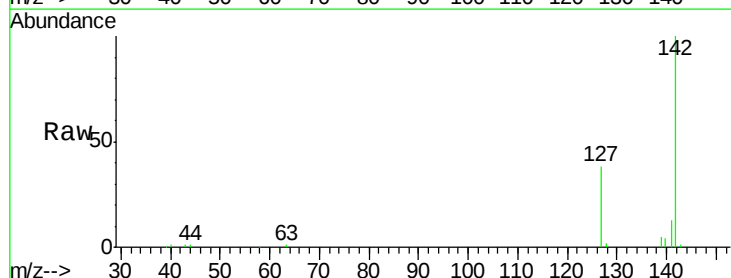
Tgt Ion:142 Resp: 205550

Ion Ratio Lower Upper

142 100

127 38.8 31.0 46.4

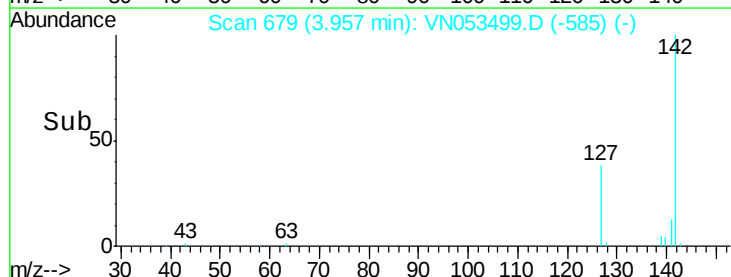
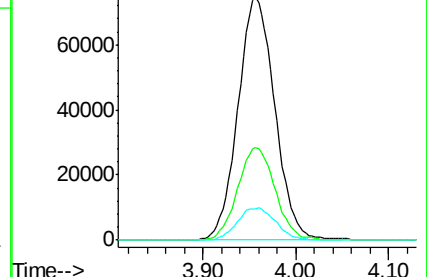
141 13.8 11.1 16.7

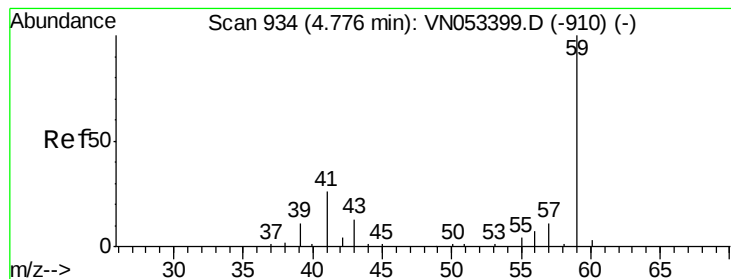


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



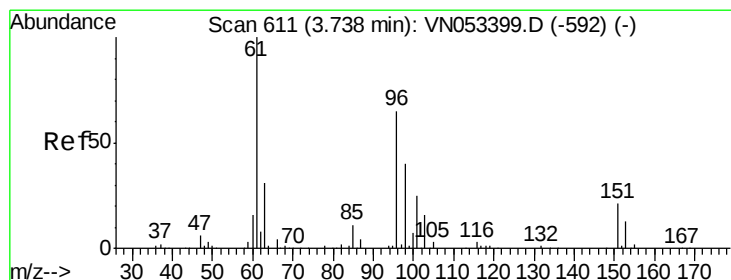
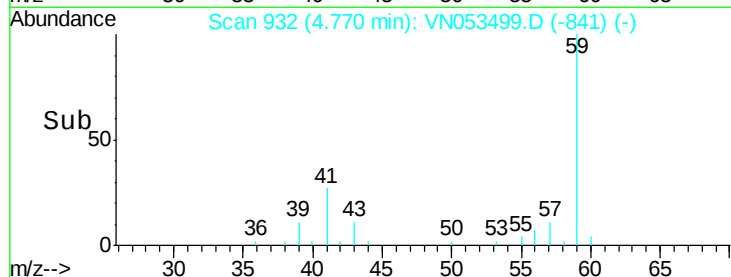
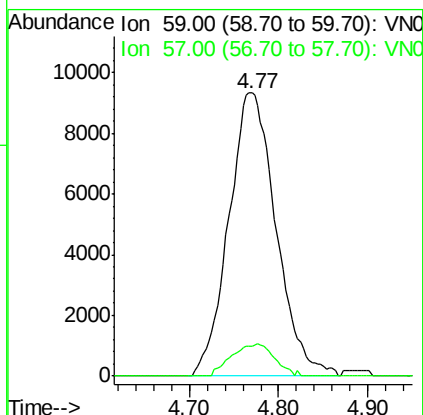
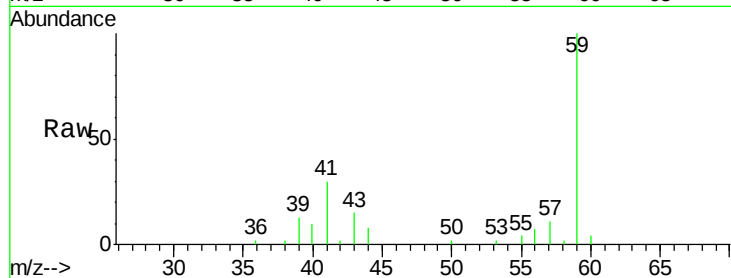


#11

Tert butyl alcohol
 Concen: 93.814 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VN0121WBS01

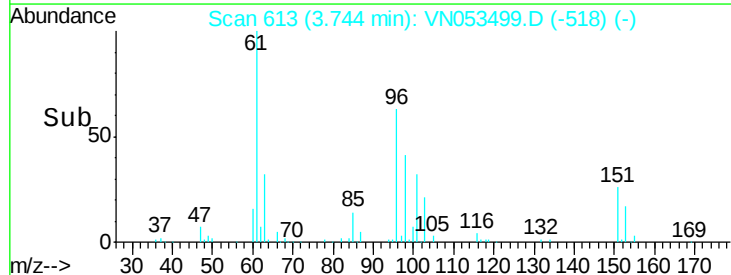
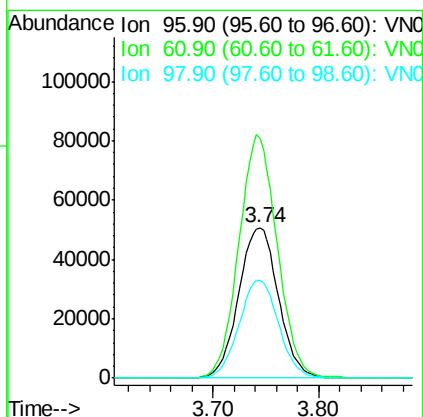
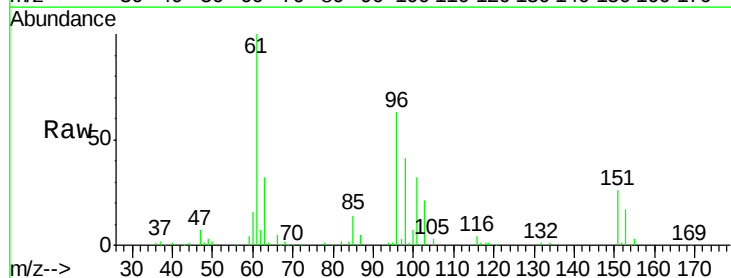
Tot Ion: 59 Resp: 34355
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

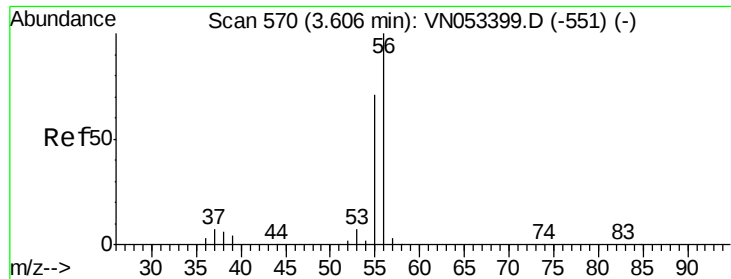


#12

1,1-Dichloroethene
 Concen: 19.682 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 96 Resp: 132684
 Ion Ratio Lower Upper
 96 100
 61 159.8 122.9 184.3
 98 65.4 49.4 74.0





#13

Acrolein

Concen: 92.725 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

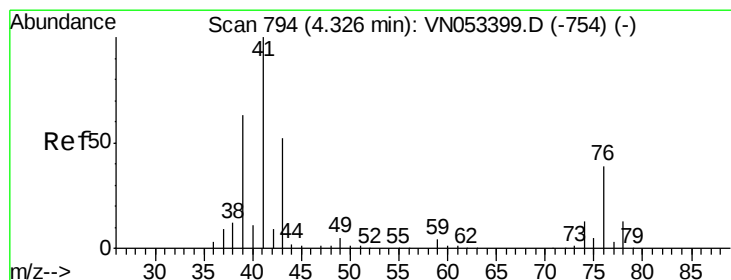
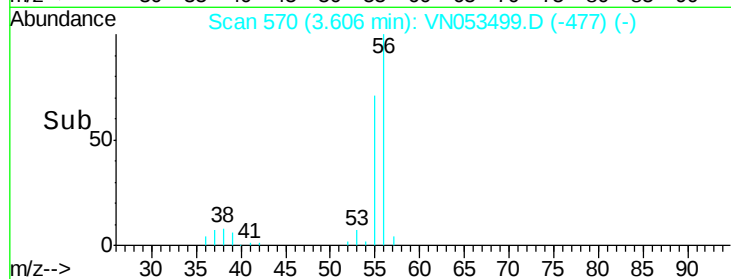
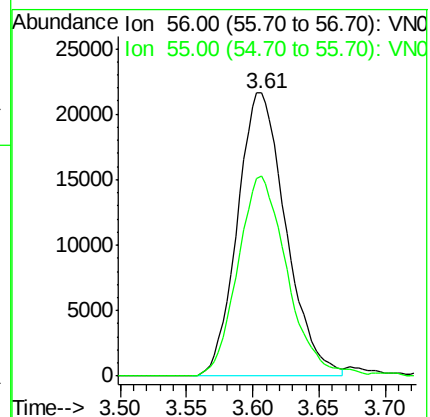
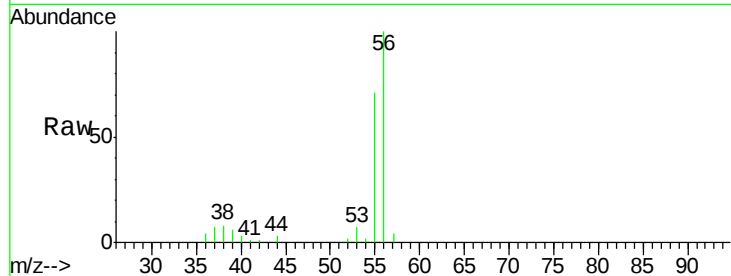
VN0121WBS01

Tot Ion: 56 Resp: 55015

Ion Ratio Lower Upper

56 100

55 72.0 57.4 86.0



#14

Allyl chloride

Concen: 18.619 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

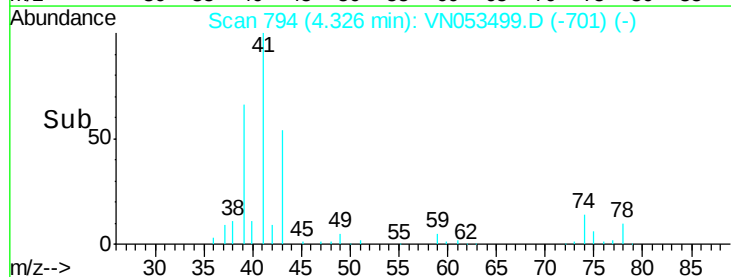
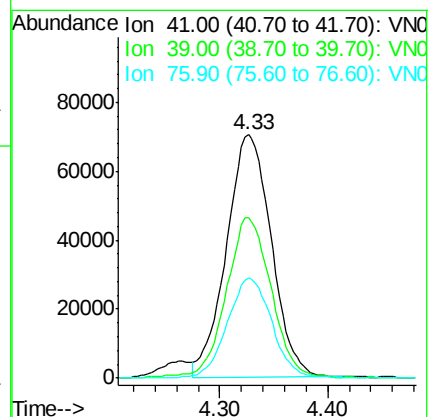
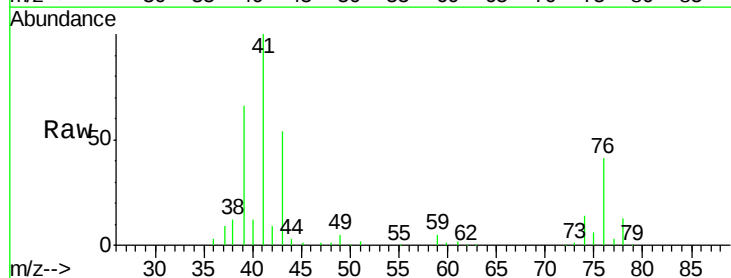
Tgt Ion: 41 Resp: 203878

Ion Ratio Lower Upper

41 100

39 66.6 48.9 73.3

76 40.2 29.4 44.2





#15

Acrylonitrile

Concen: 98.918 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

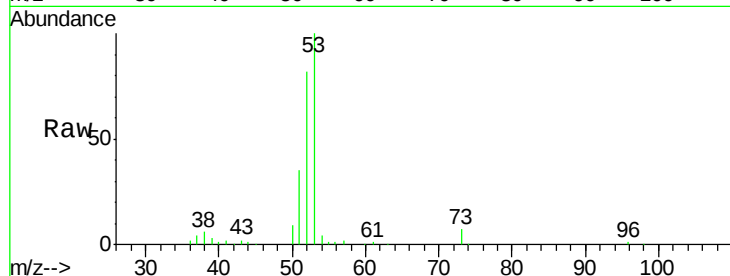
Tot Ion: 53 Resp: 238396

Ion Ratio Lower Upper

53 100

52 81.2 66.0 99.0

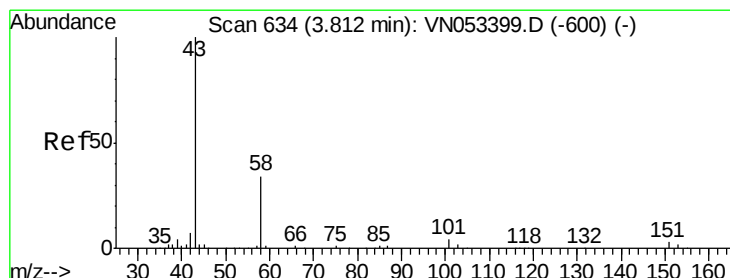
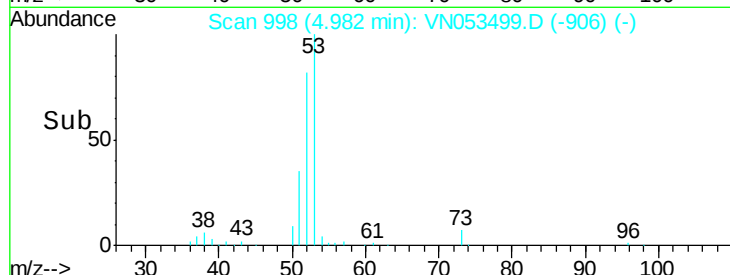
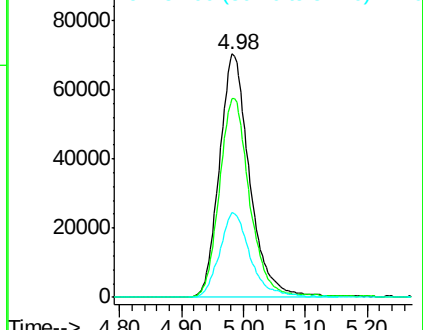
51 35.4 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.185 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053499.D

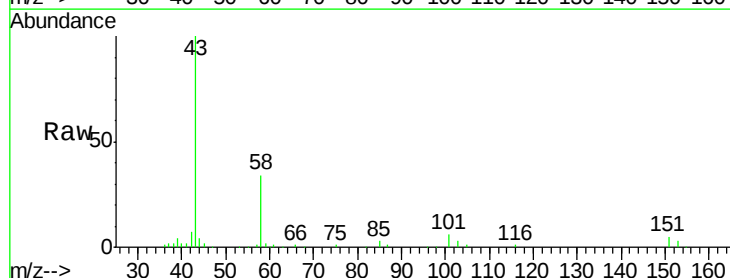
Acq: 21 Jan 2019 11:52

Tgt Ion: 43 Resp: 172400

Ion Ratio Lower Upper

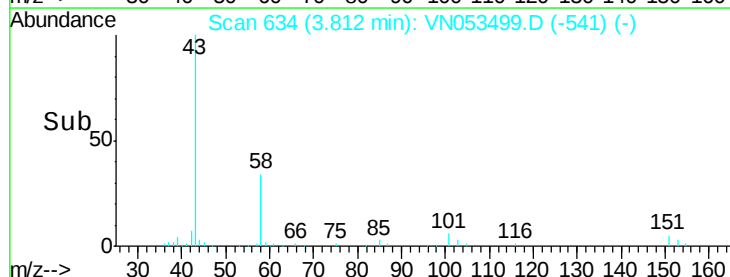
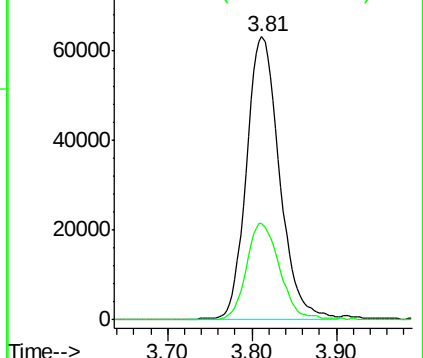
43 100

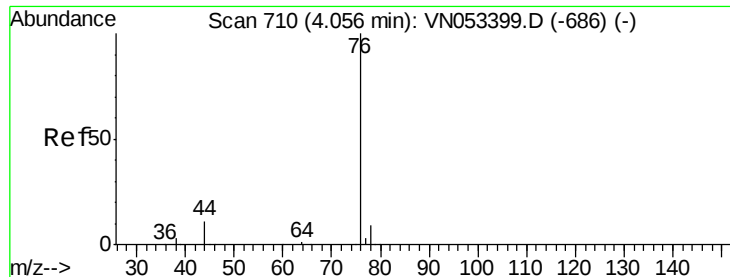
58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

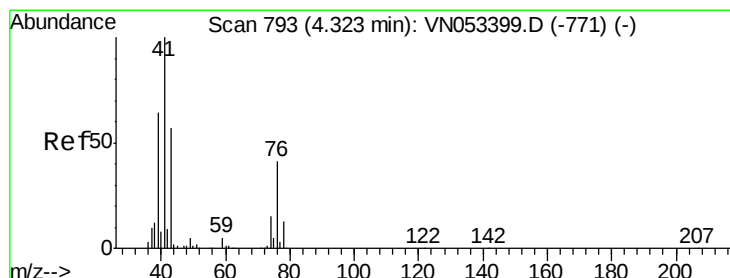
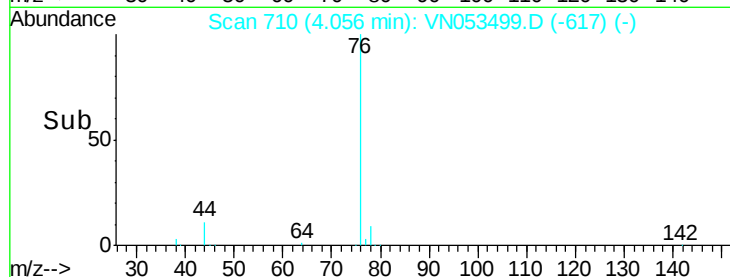
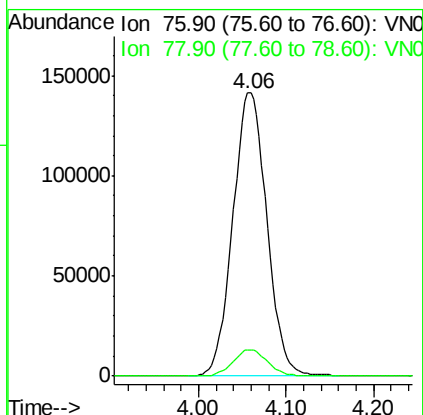
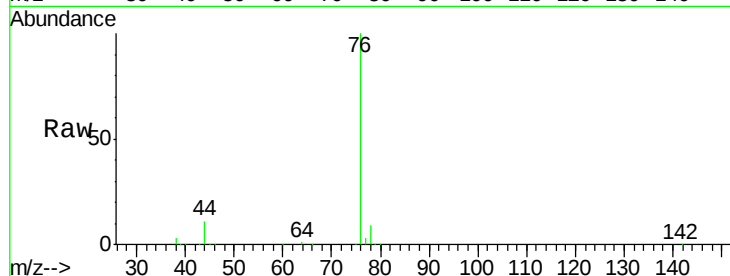




#17
Carbon Disulfide
Concen: 18.715 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

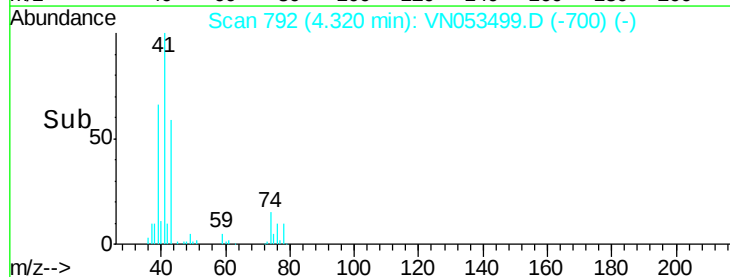
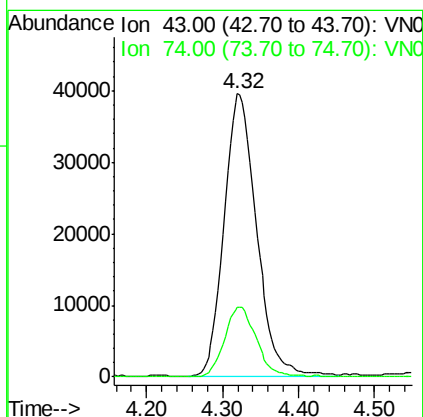
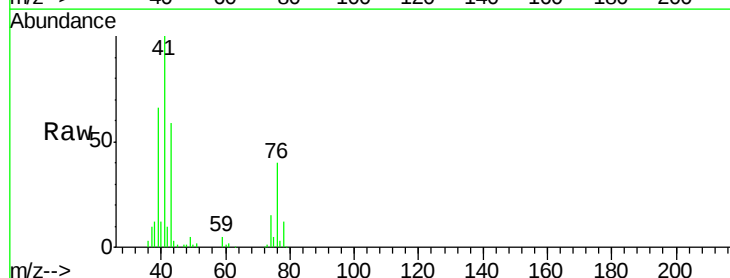
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion: 76 Resp: 381520
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 20.027 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 43 Resp: 118475
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

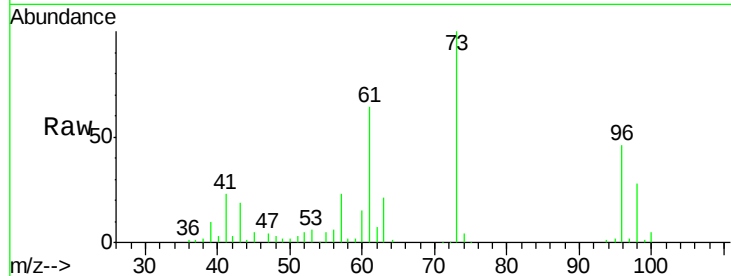




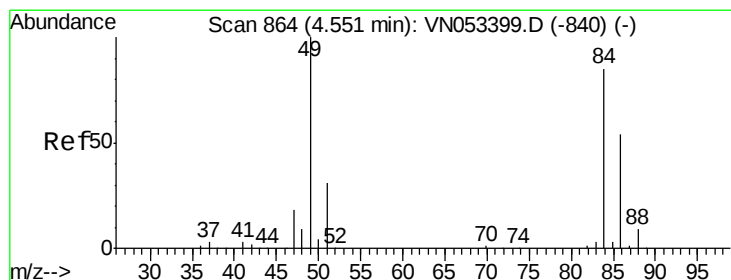
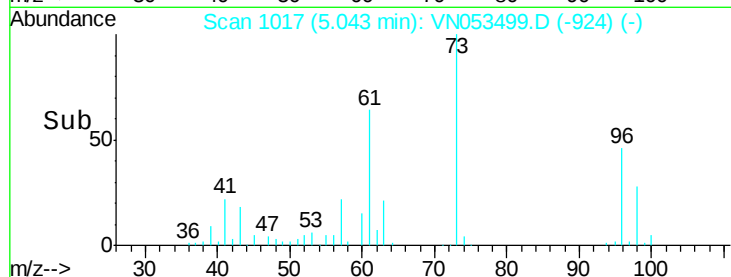
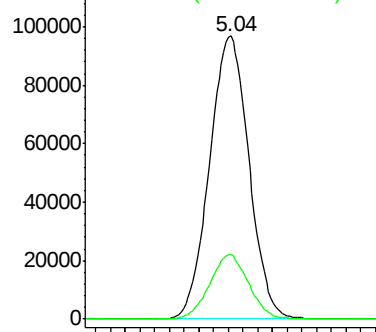
#19
Methvl tert-butvl Ether
Concen: 20.116 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion: 73 Resp: 360309
Ion Ratio Lower Upper
73 100
57 22.9 18.3 27.5

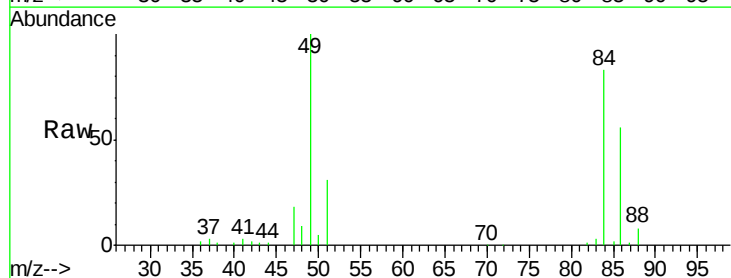


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

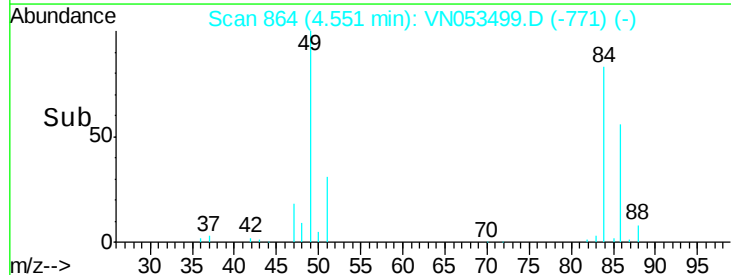
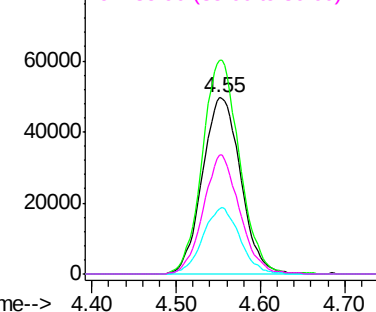


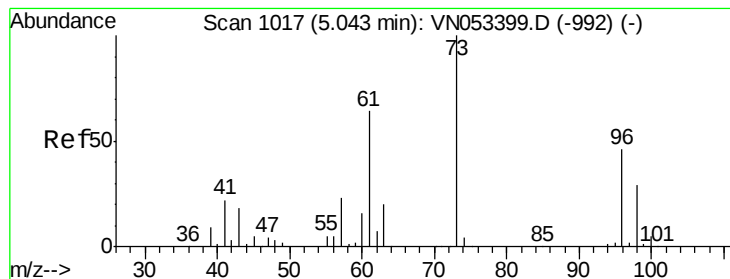
#20
Methylene Chloride
Concen: 19.528 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 84 Resp: 156549
Ion Ratio Lower Upper
84 100
49 121.2 94.3 141.5
51 37.1 29.4 44.2
86 67.6 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 20.046 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

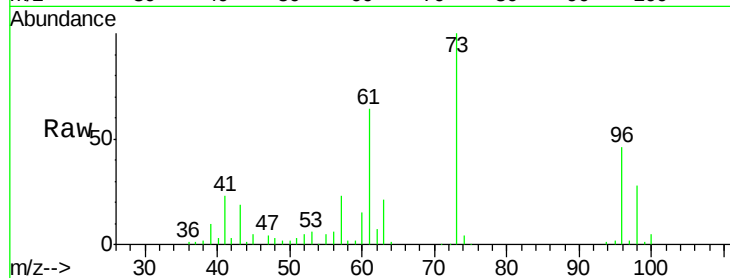
Tot Ion: 96 Resp: 144473

Ion Ratio Lower Upper

96 100

61 139.4 110.1 165.1

98 61.9 50.0 75.0

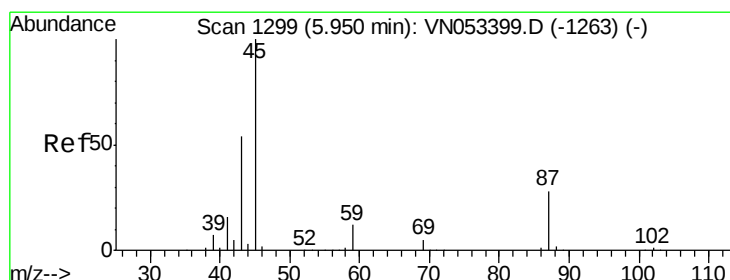
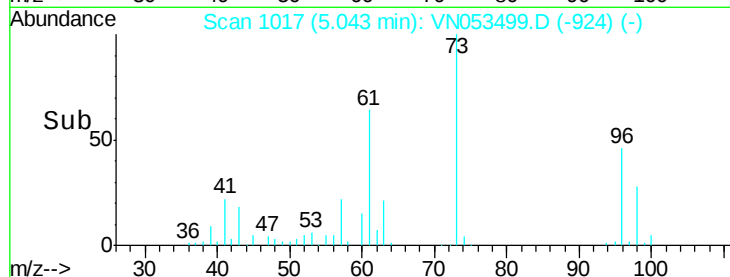
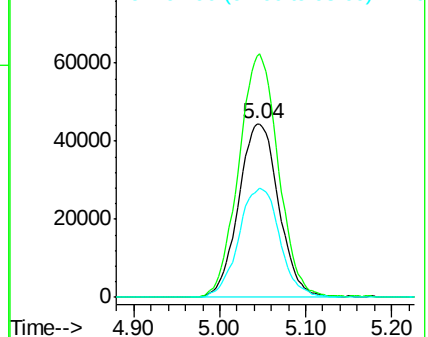


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 20.490 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Tgt Ion: 45 Resp: 468372

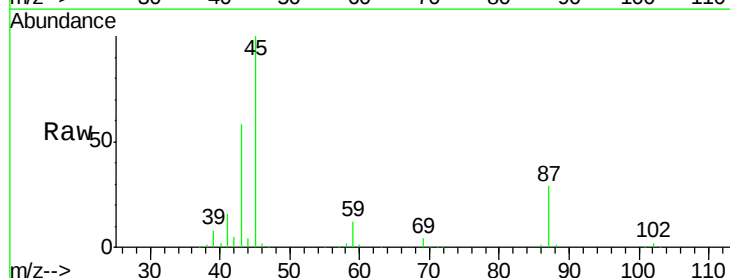
Ion Ratio Lower Upper

45 100

43 56.8 44.2 66.4

87 28.7 22.7 34.1

59 11.6 9.4 14.2



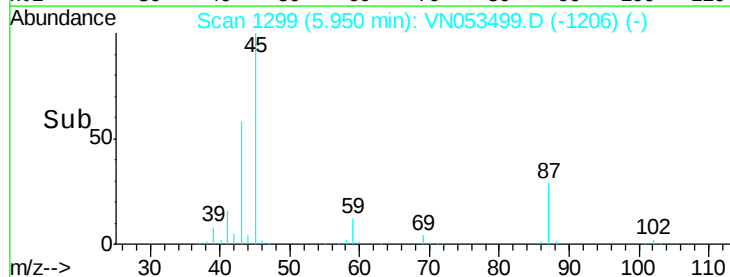
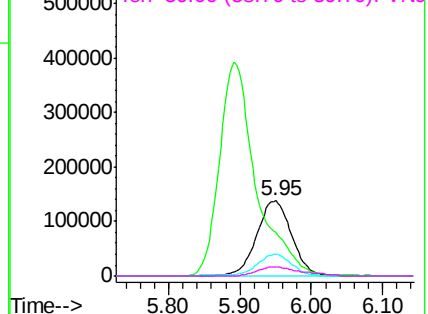
Abundance

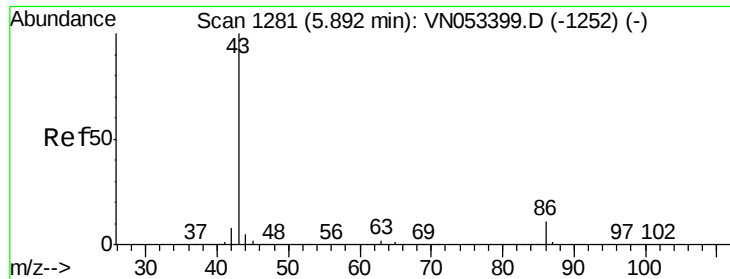
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 99.659 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

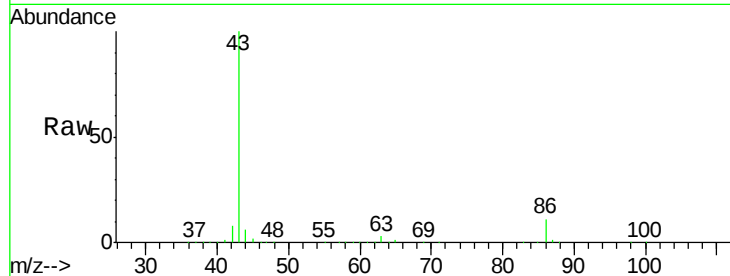
VN0121WBS01

Tot Ion: 43 Resp: 1400388

Ion Ratio Lower Upper

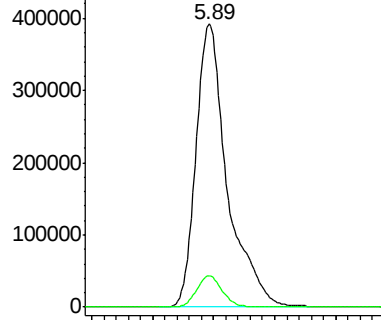
43 100

86 11.2 8.4 12.6

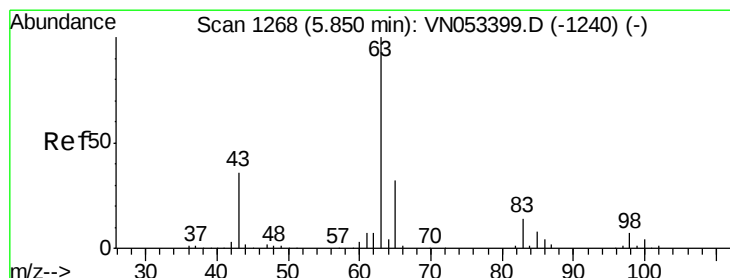
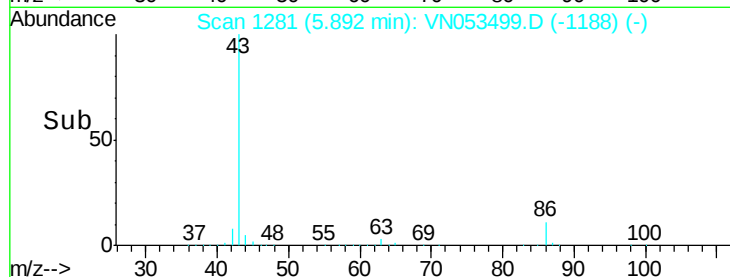


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.458 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

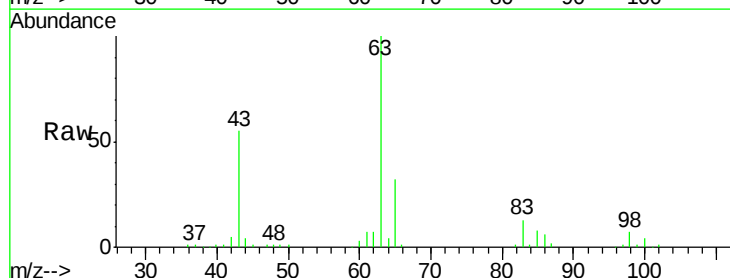
Tgt Ion: 63 Resp: 276463

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

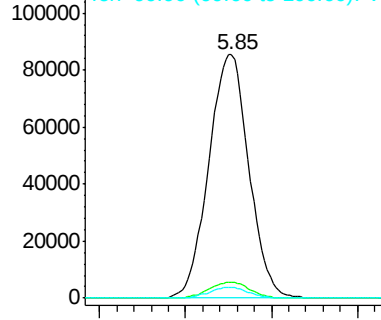
100 4.4 2.1 6.5



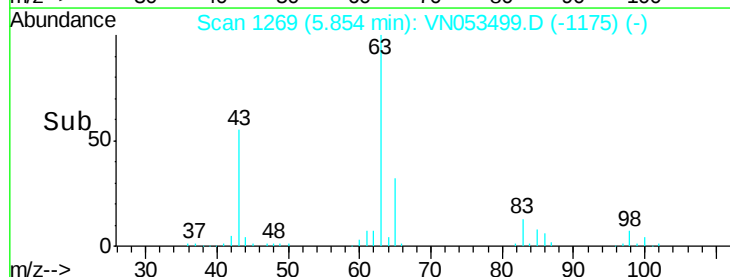
Abundance Ion 62.90 (62.60 to 63.60): VN0

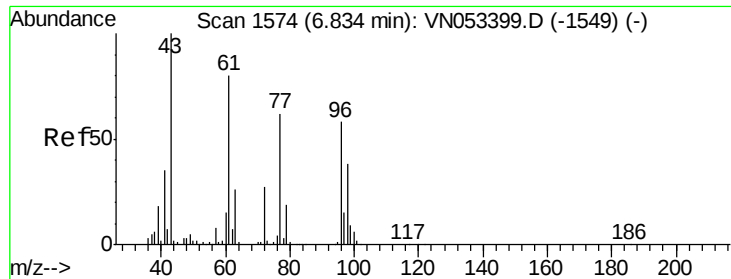
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 96.314 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

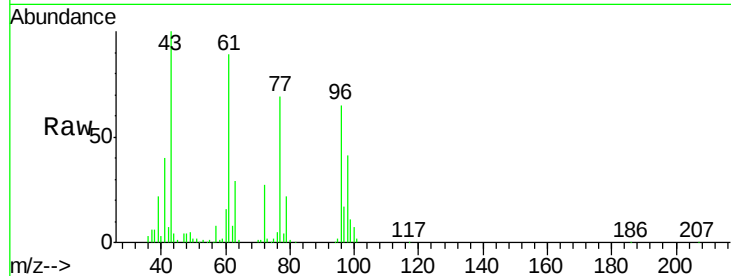
VN0121WBS01

Tot Ion: 43 Resp: 260608

Ion Ratio Lower Upper

43 100

72 27.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

100000

80000

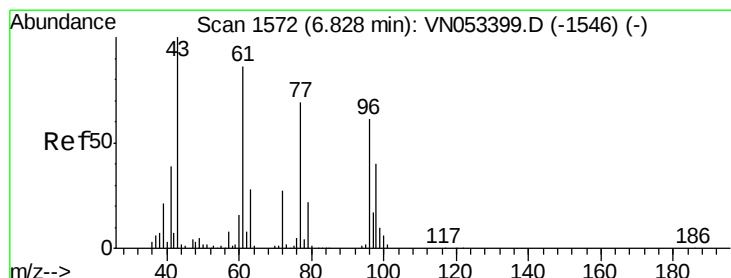
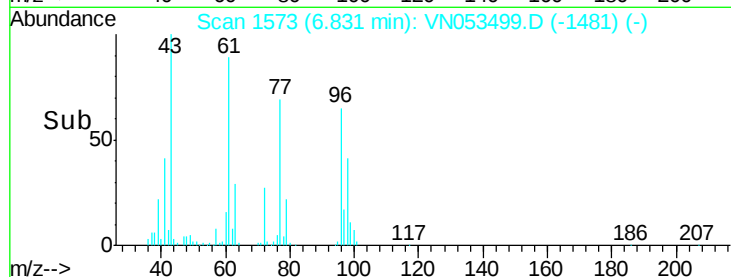
60000

40000

20000

0

Time--> 6.70 6.75 6.80 6.85 6.90



#26

2,2-Dichloropropane

Concen: 20.261 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053499.D

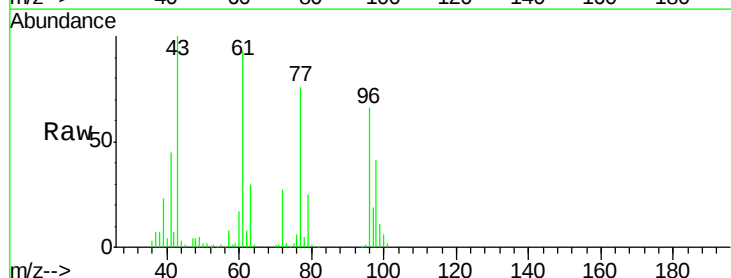
Acq: 21 Jan 2019 11:52

Tgt Ion: 77 Resp: 206724

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

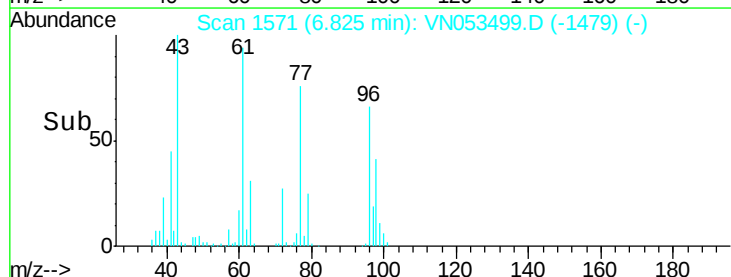
60000

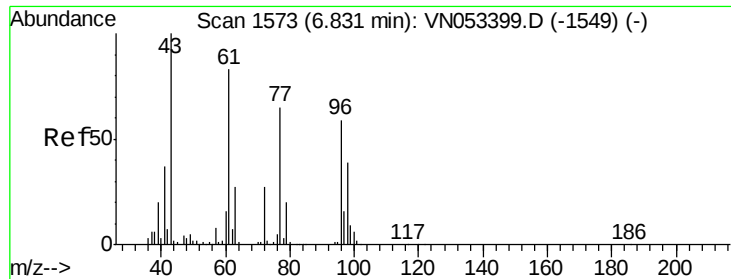
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 20.309 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

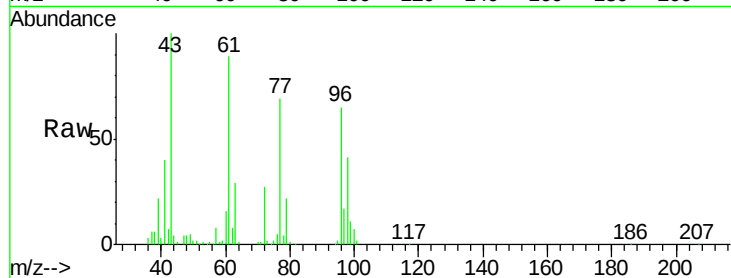
Tot Ion: 96 Resp: 167374

Ion Ratio Lower Upper

96 100

61 142.7 0.0 283.8

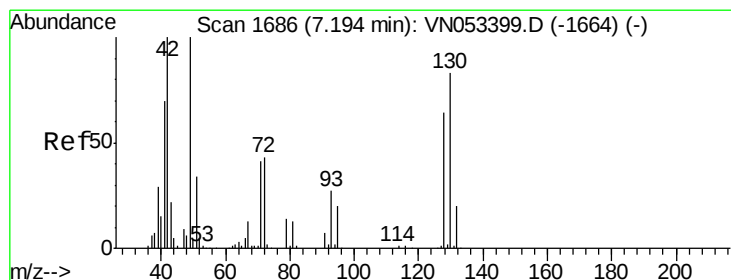
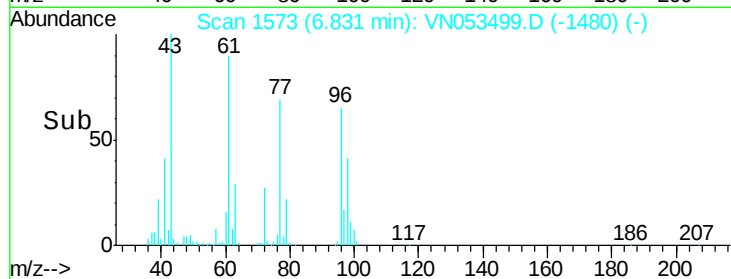
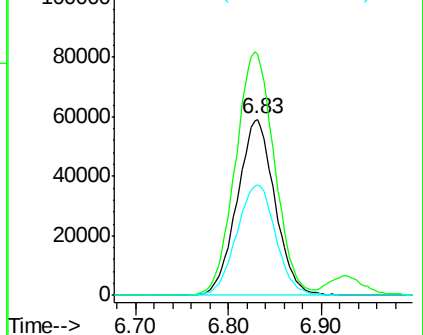
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

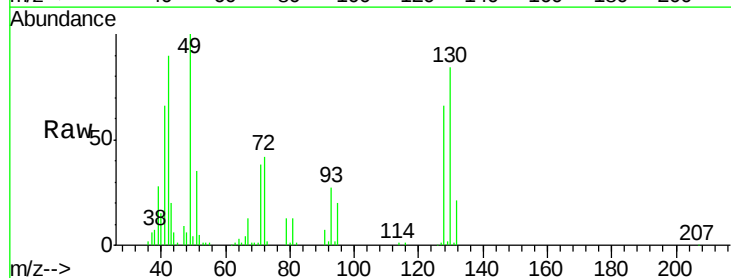
Tgt Ion: 49 Resp: 125015

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

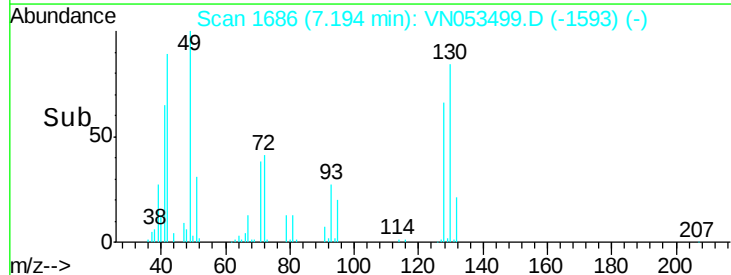
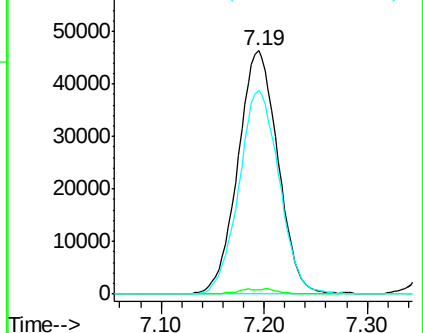
130 84.1 66.3 99.5

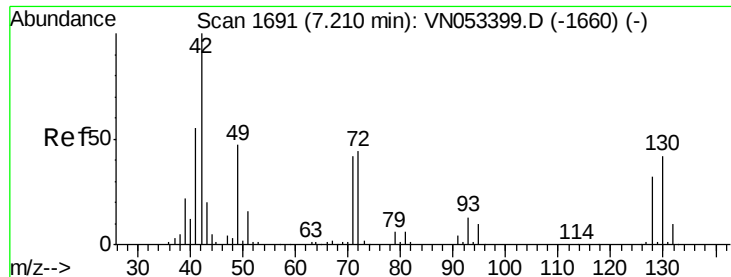


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.272 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

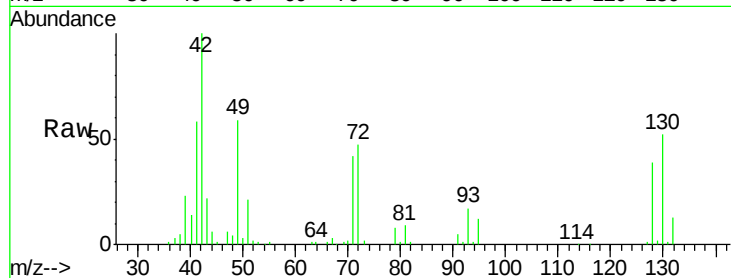
Tot Ion: 42 Resp: 167821

Ion Ratio Lower Upper

42 100

72 45.3 35.2 52.8

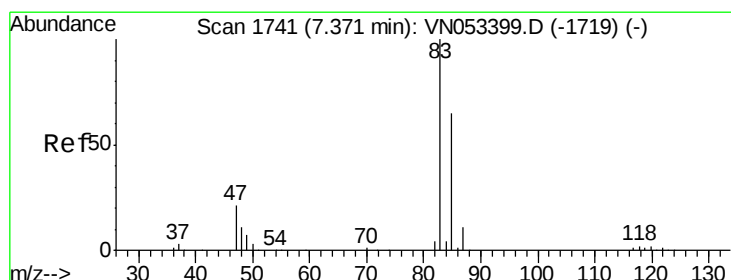
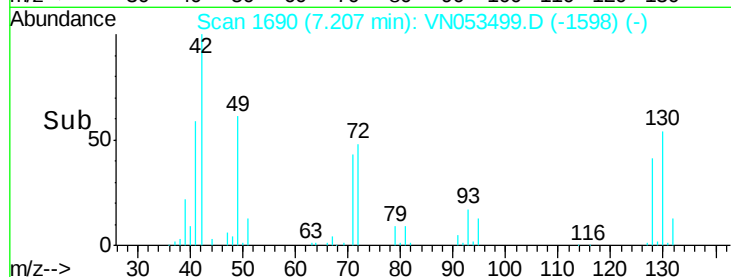
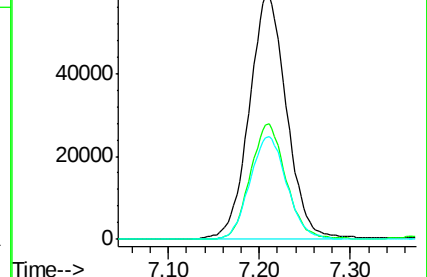
71 41.8 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN053399.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN053399.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN053399.D (-1660) (-)



#30

Chloroform

Concen: 20.678 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053499.D

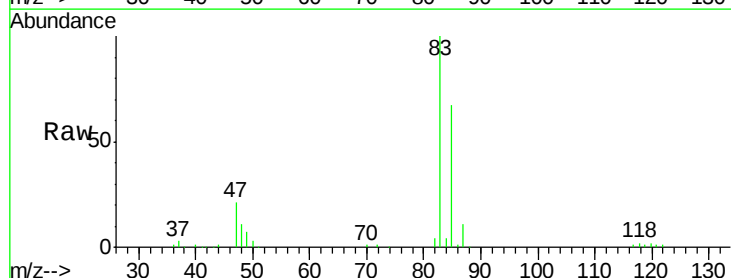
Acq: 21 Jan 2019 11:52

Tgt Ion: 83 Resp: 272245

Ion Ratio Lower Upper

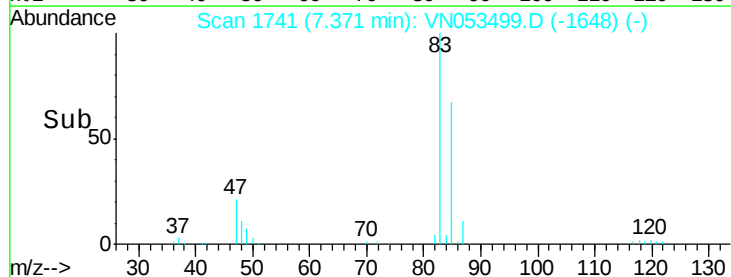
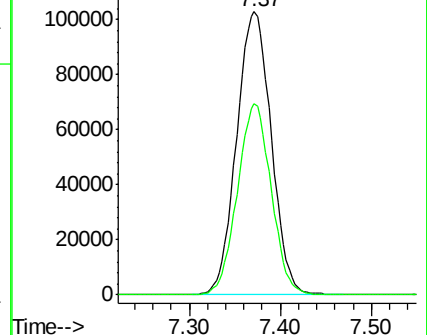
83 100

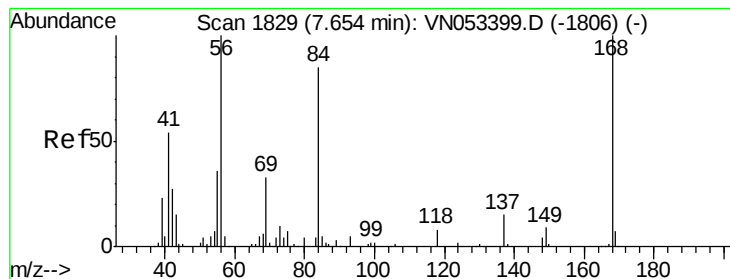
85 67.5 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN053399.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN053399.D (-1719) (-)





#31

Cyclohexane

Concen: 19.394 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

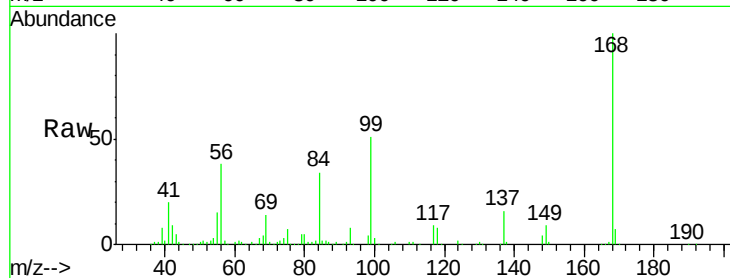
Tot Ion: 56 Resp: 256853

Ion Ratio Lower Upper

56 100

69 38.1 26.4 39.6

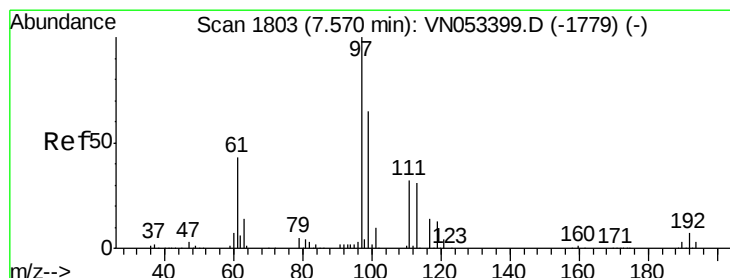
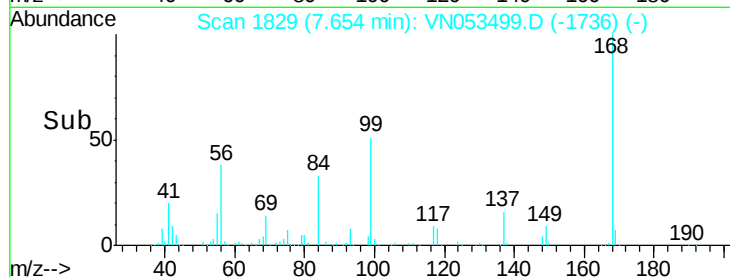
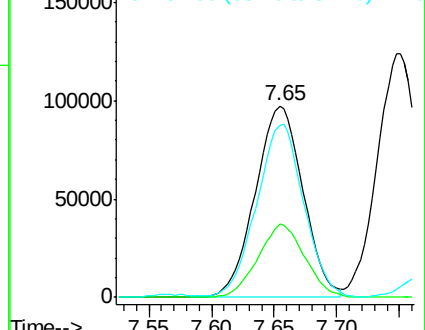
84 89.2 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.080 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

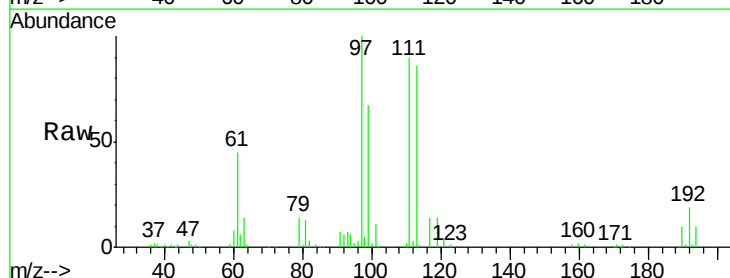
Tgt Ion: 97 Resp: 224264

Ion Ratio Lower Upper

97 100

99 65.3 52.0 78.0

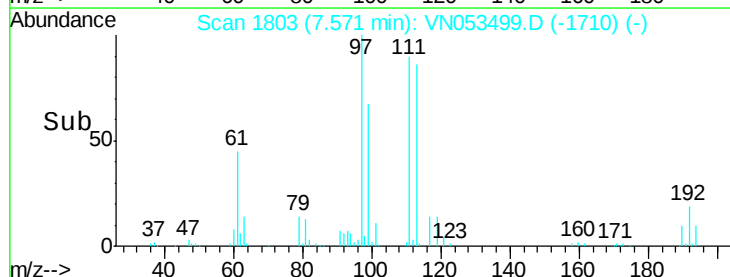
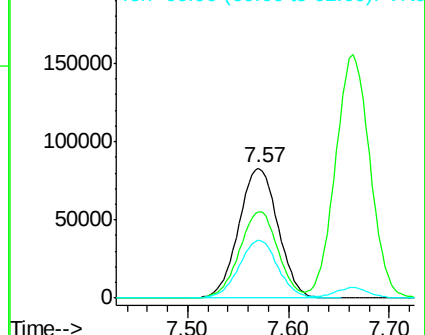
61 44.0 34.4 51.6

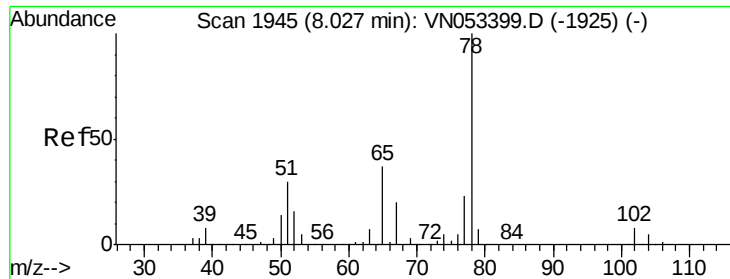


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

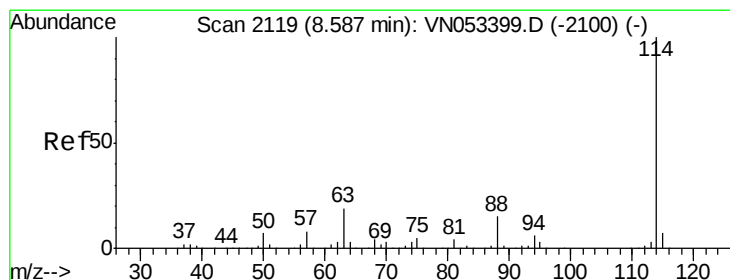
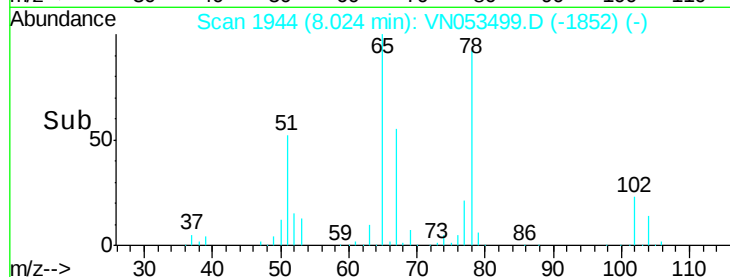
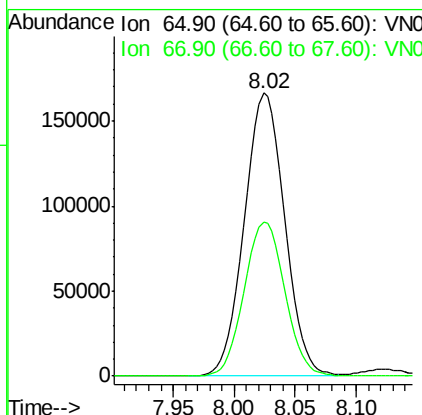
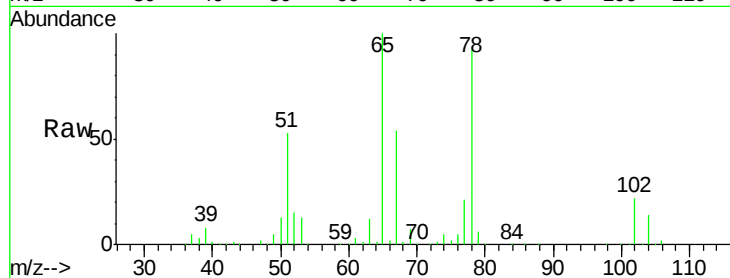




#33
 1,2-Dichloroethane-d4
 Concen: 20.080 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

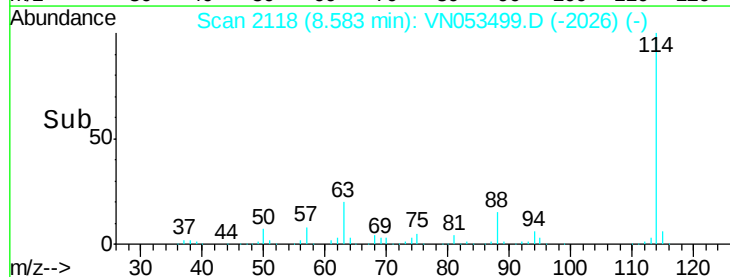
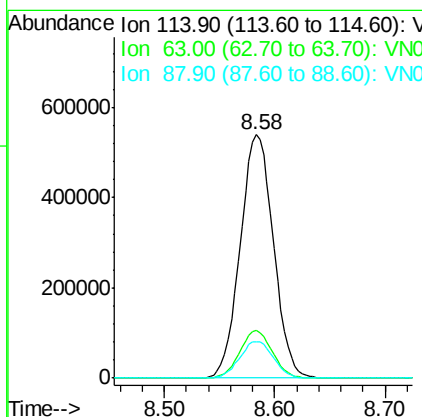
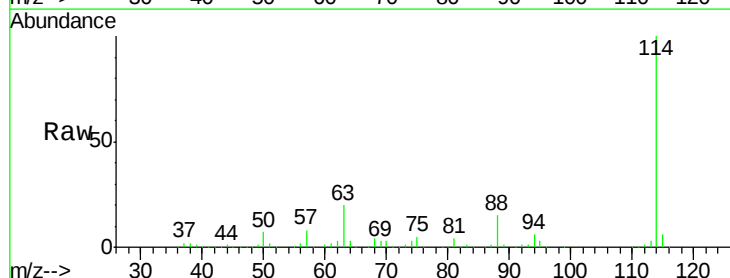
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

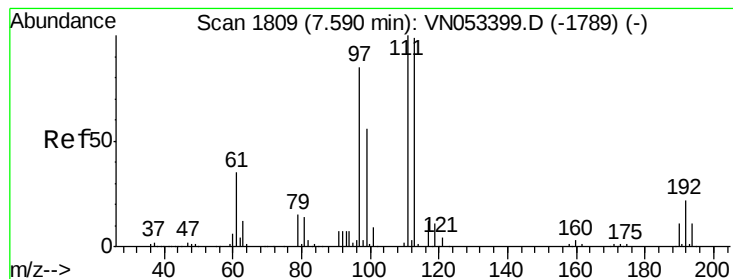
Tot Ion: 65 Resp: 381643
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 114 Resp: 1124888
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

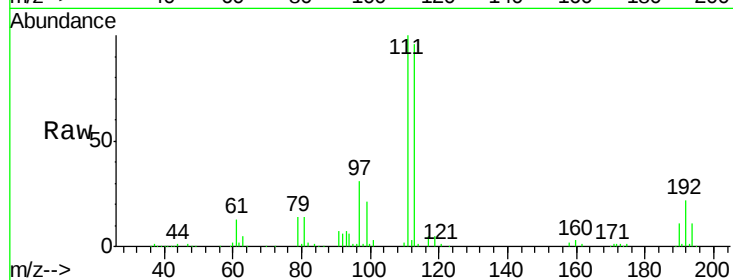
Tot Ion:113 Resp: 346720

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

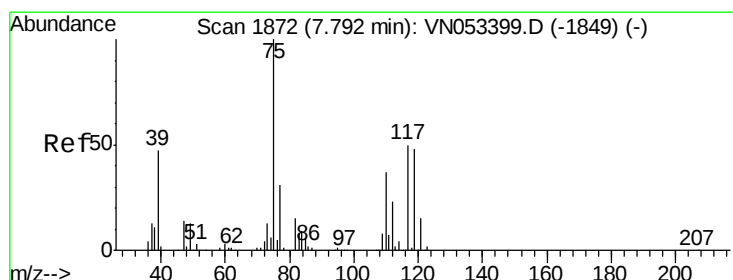
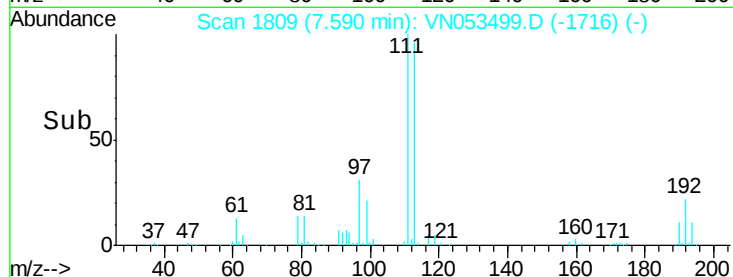
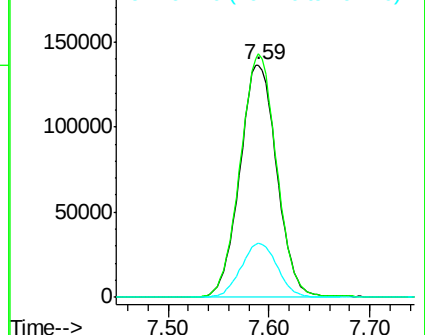
192 23.0 18.2 27.2



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: 20.224 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

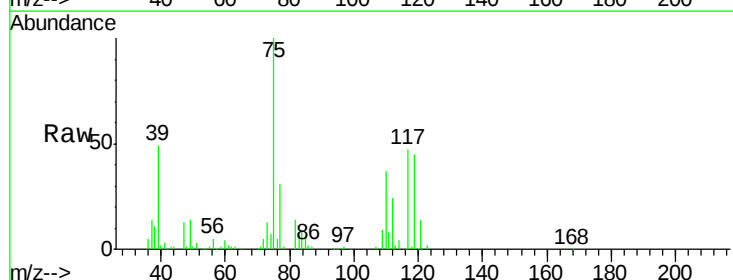
Tgt Ion: 75 Resp: 207184

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

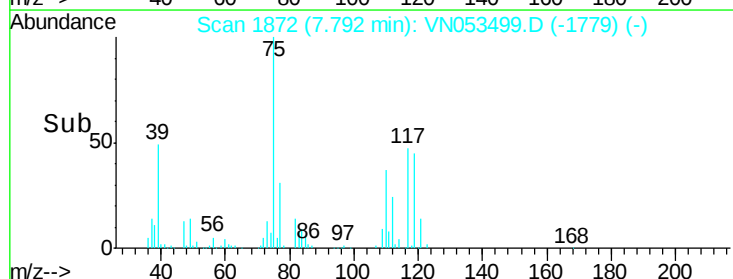
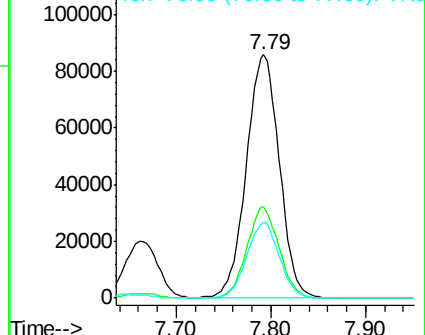
77 30.8 25.1 37.7

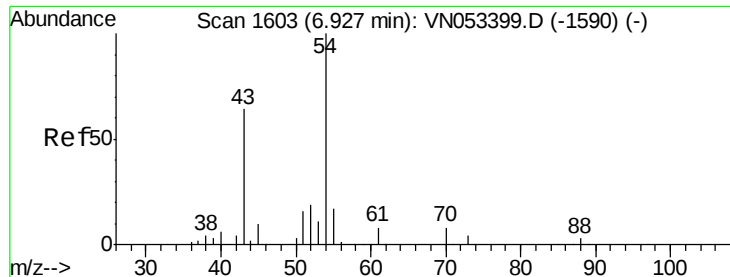


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

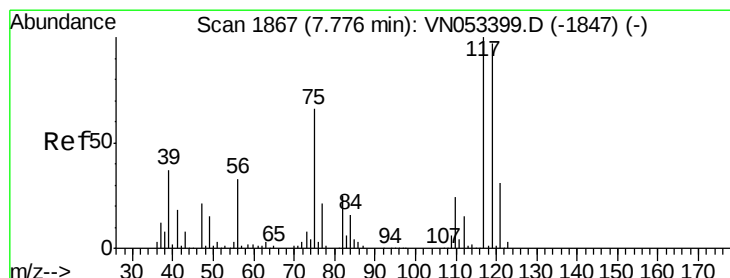
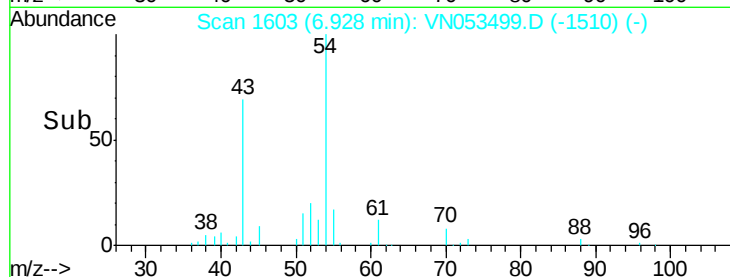
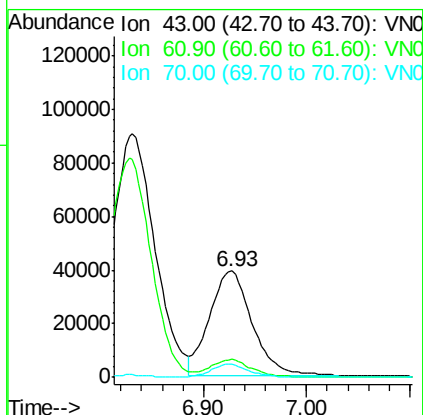
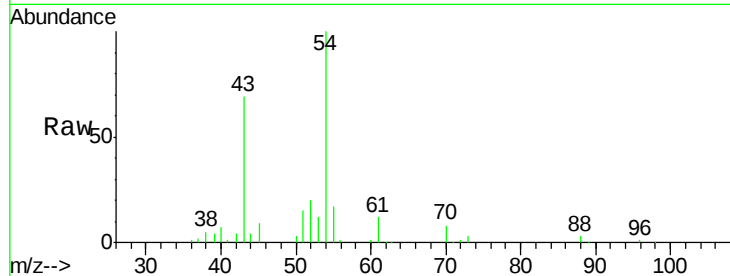




#37
Ethyl Acetate
Concen: 19.252 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

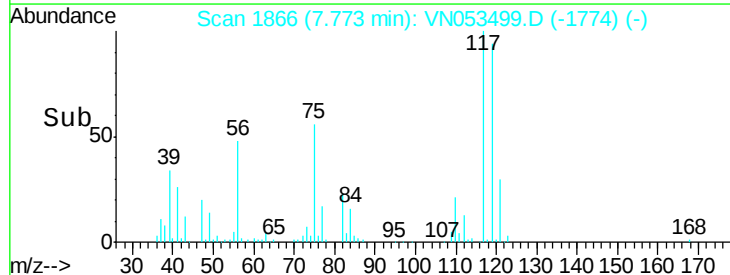
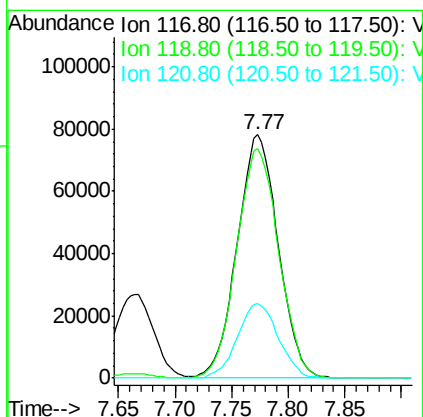
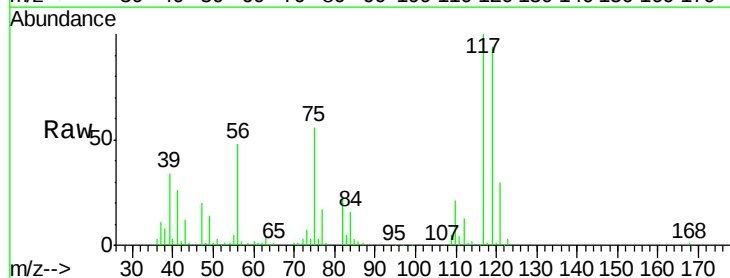
Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

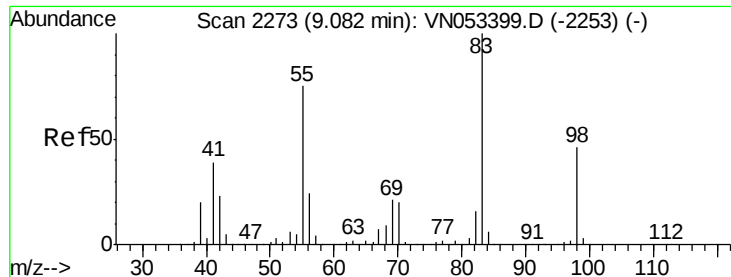
Tot Ion: 43 Resp: 113471
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 11.3 8.6 12.8



#38
Carbon Tetrachloride
Concen: 20.400 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 117 Resp: 197858
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 30.4 24.6 37.0

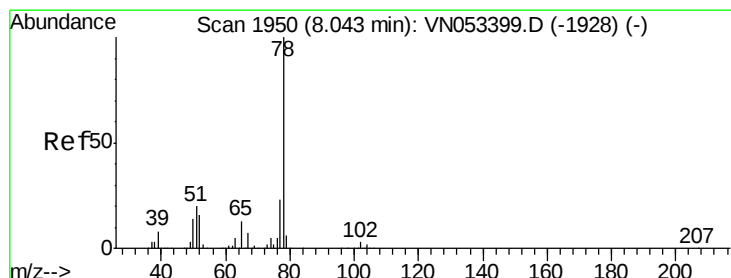
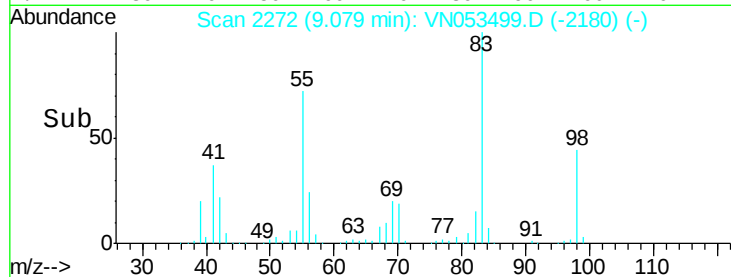
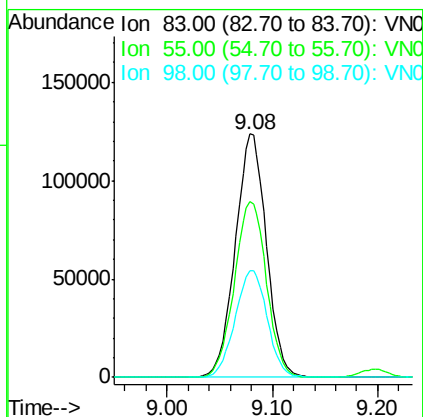
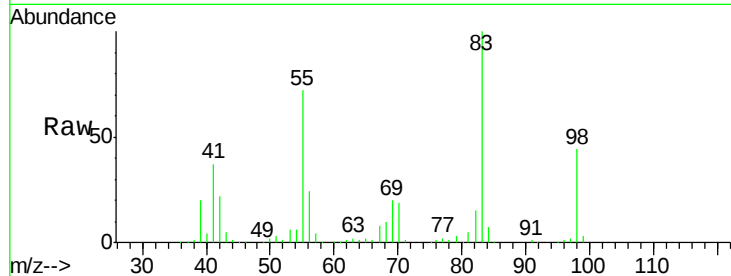




#39
Methvlcvclohexane
Concen: 19.950 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

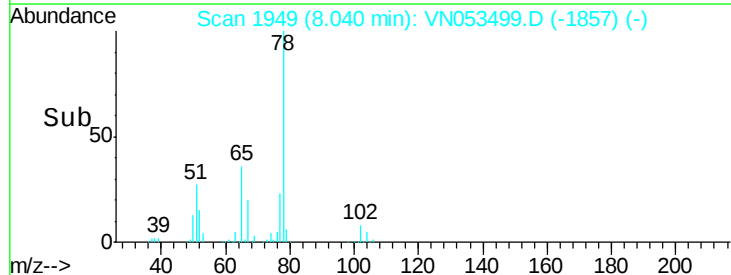
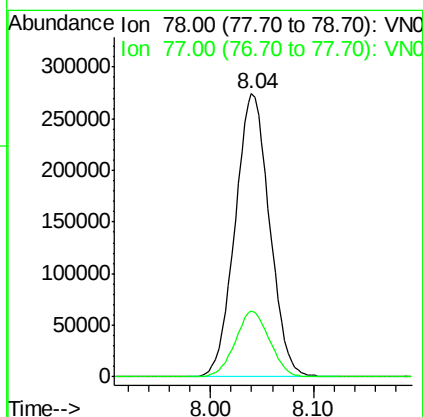
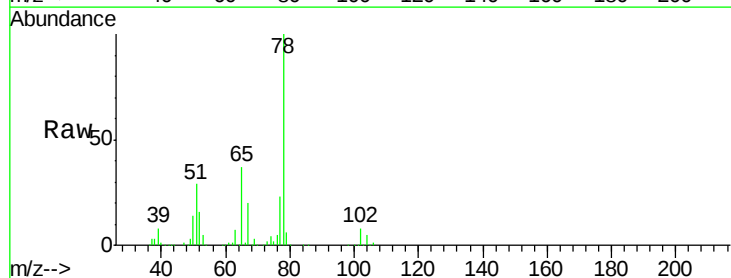
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

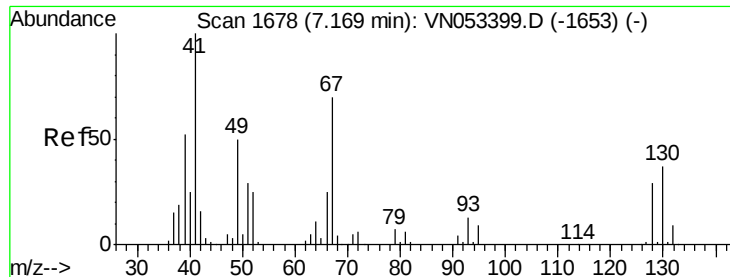
Tot Ion: 83 Resp: 252603
Ion Ratio Lower Upper
83 100
55 72.0 60.1 90.1
98 43.6 36.6 55.0



#40
Benzene
Concen: 20.450 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 78 Resp: 636632
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

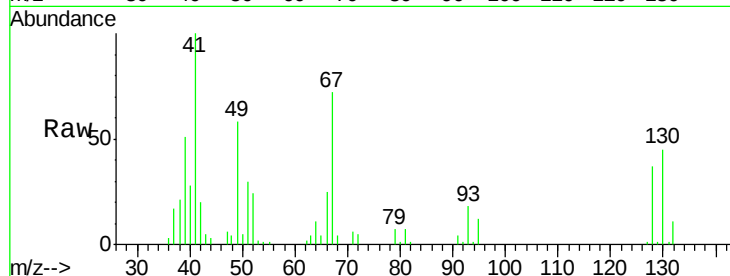




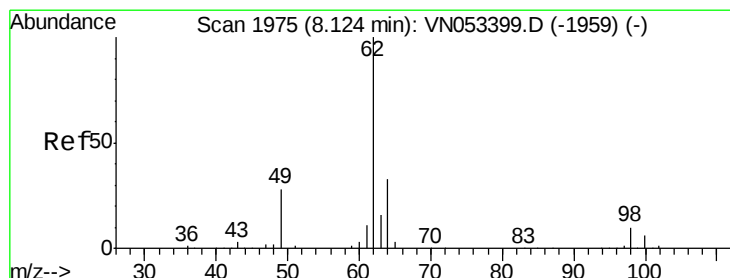
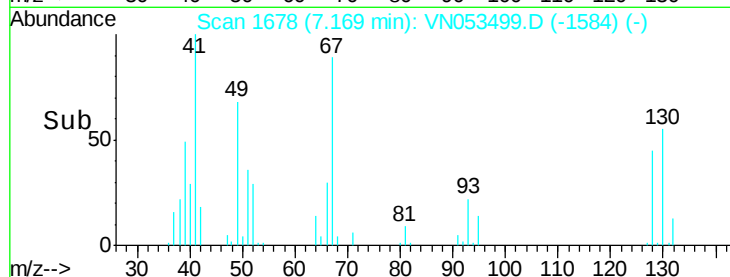
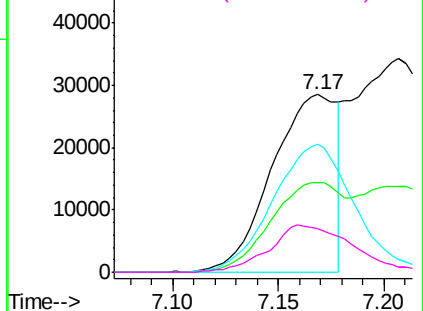
#41
Methacrylonitrile
Concen: 17.831 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

Tot Ion: 41 Resp: 60924
Ion Ratio Lower Upper
41 100
39 58.6 46.8 70.2
67 90.8 63.0 94.6
52 34.9 23.8 35.8

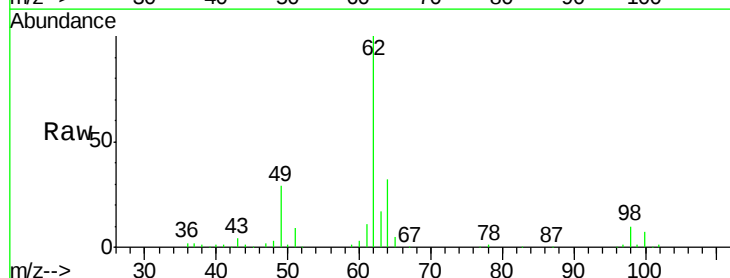


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

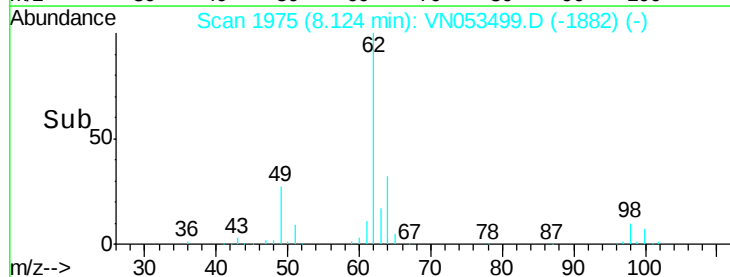
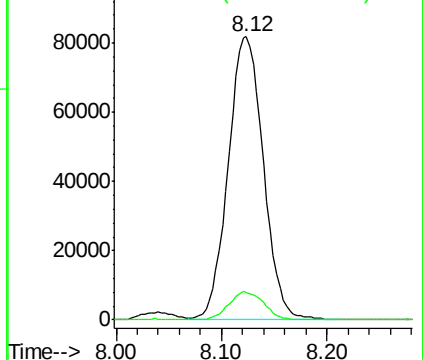


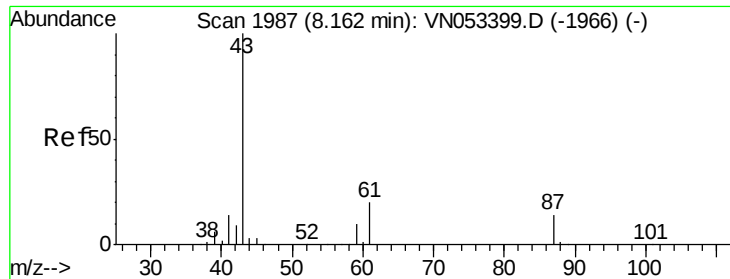
#42
1,2-Dichloroethane
Concen: 20.754 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 62 Resp: 188223
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6



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



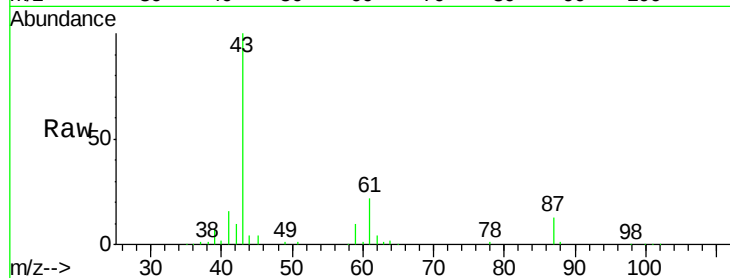


#43

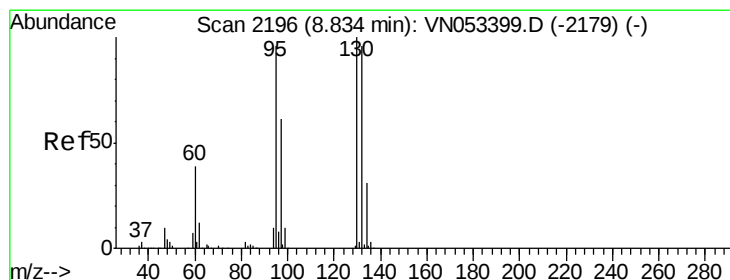
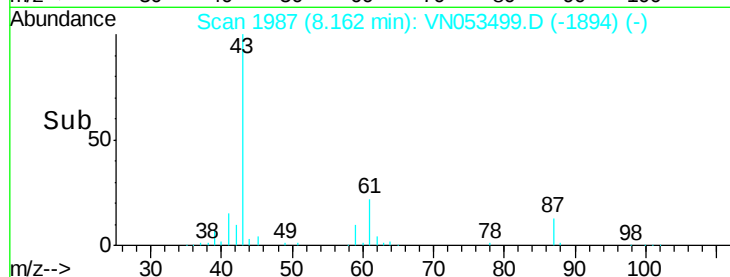
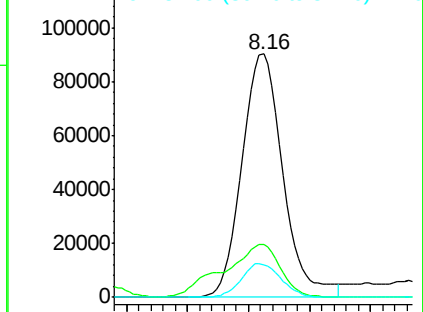
Isopropyl Acetate
 Concen: 19.706 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.9	35.9
87	13.4	11.0	16.6



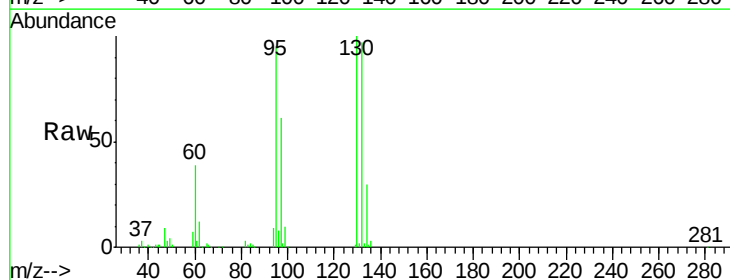
Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)
 Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)
 Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



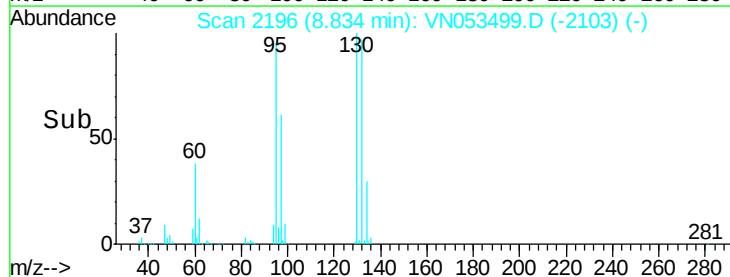
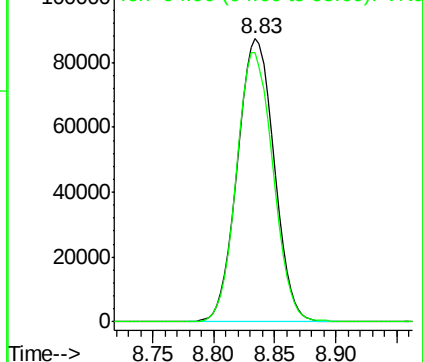
#44

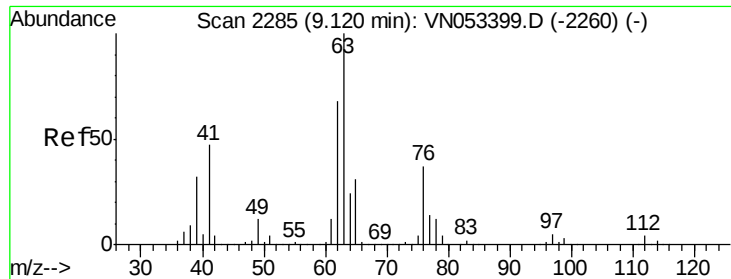
Trichloroethene
 Concen: 21.066 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053399.D (-2179) (-)
 Ion 94.90 (94.60 to 95.60): VN053399.D (-2179) (-)

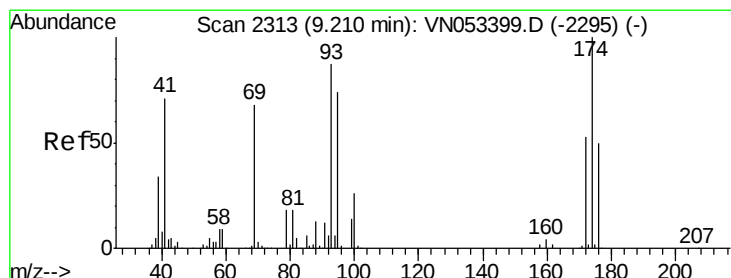
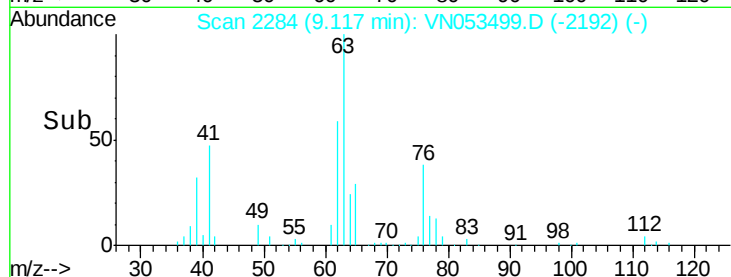
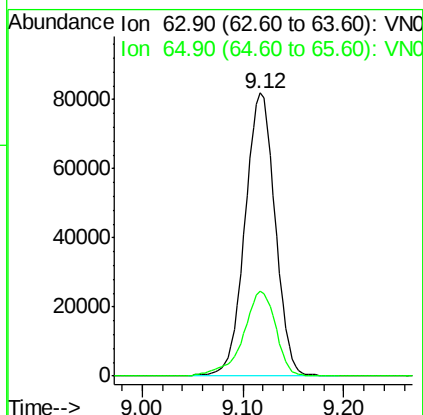
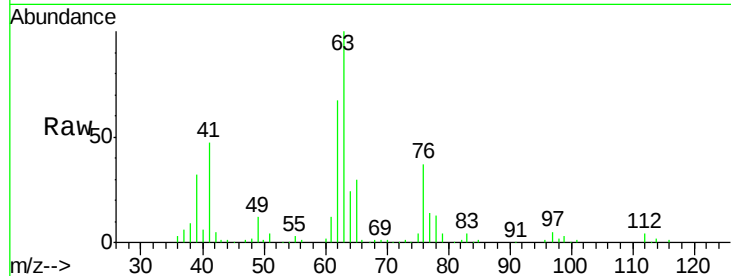




#45
 1,2-Dichloropropane
 Concen: 20.527 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

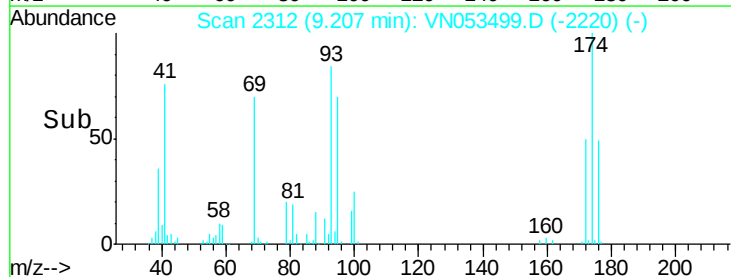
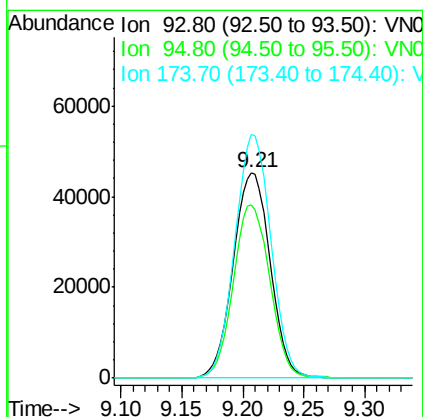
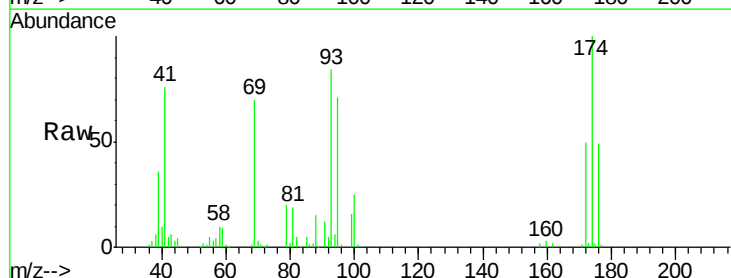
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

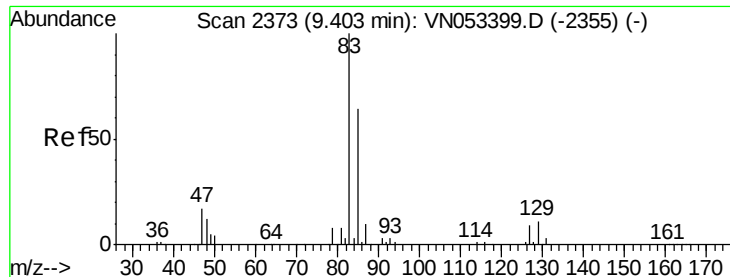
Tot Ion: 63 Resp: 169259
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.4



#46
 Dibromomethane
 Concen: 20.130 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 93 Resp: 95364
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.3 100.9
 174 115.5 91.0 136.4





#47

Bromodichloromethane

Concen: 20.175 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

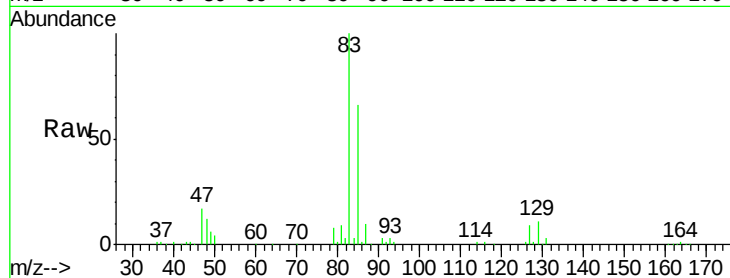
Tot Ion: 83 Resp: 201004

Ion Ratio Lower Upper

83 100

85 65.7 51.0 76.6

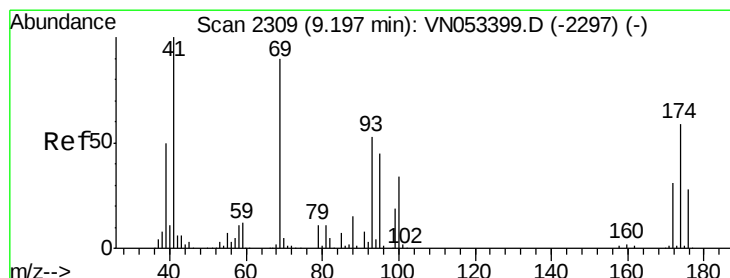
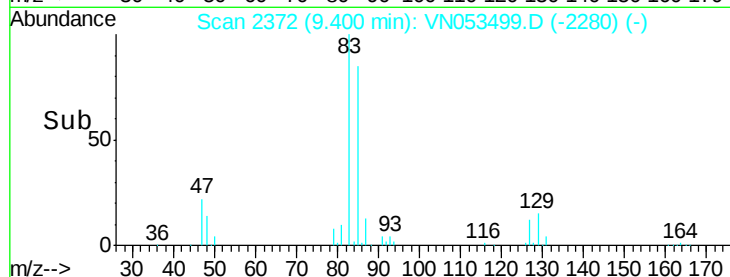
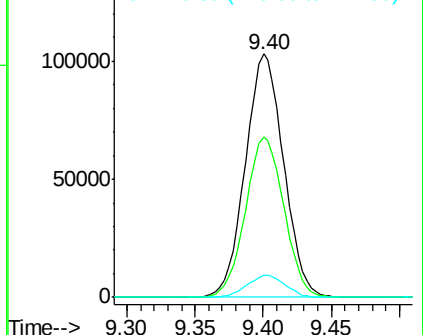
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.843 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

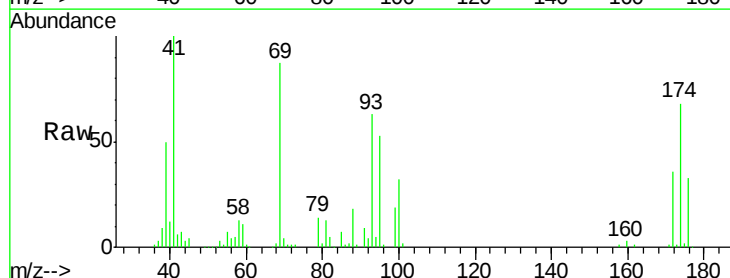
Tgt Ion: 41 Resp: 103107

Ion Ratio Lower Upper

41 100

69 93.1 73.8 110.6

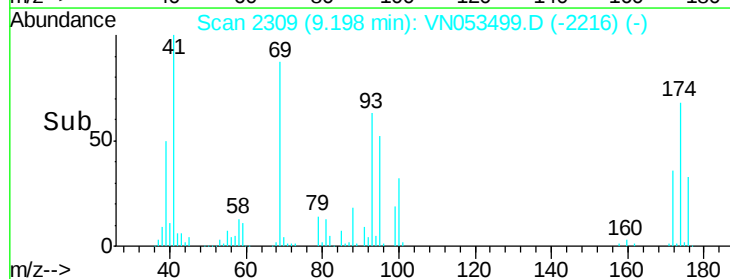
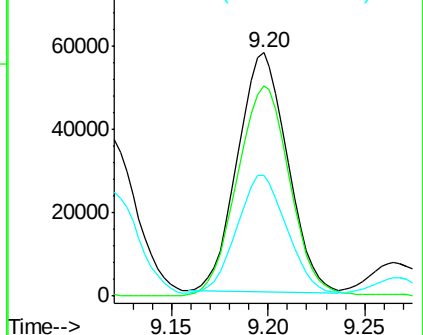
39 49.6 40.0 60.0

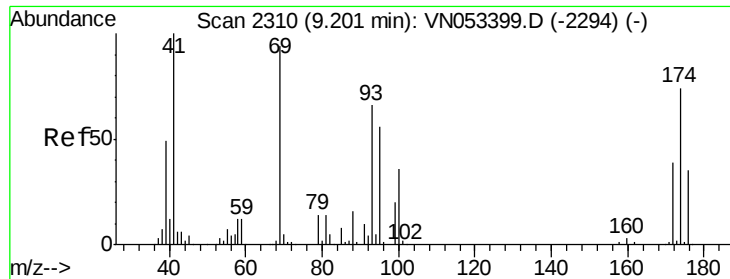


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 407.814 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

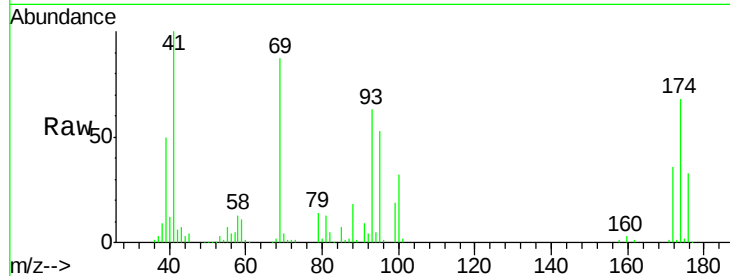
Tot Ion: 88 Resp: 21794

Ion Ratio Lower Upper

88 100

43 35.5 27.8 41.6

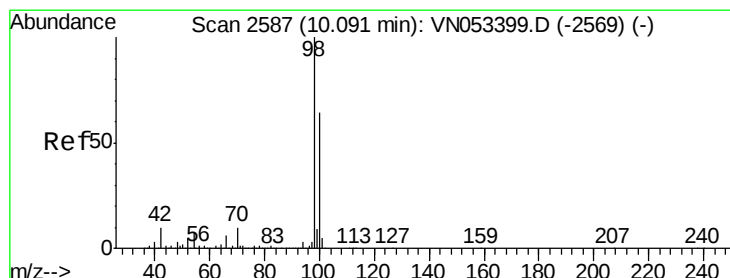
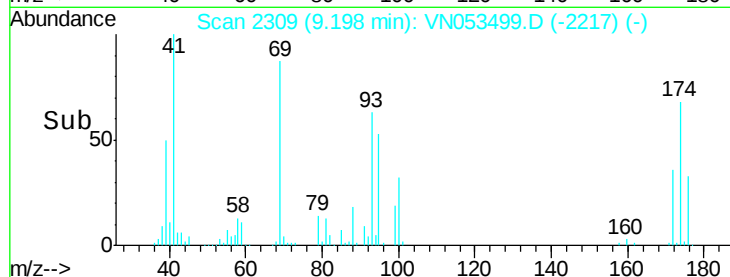
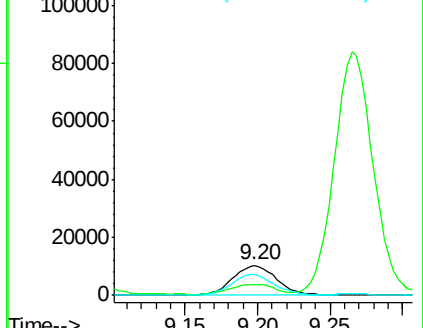
58 69.2 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053399.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053399.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-2294) (-)



#50

Toluene-d8

Concen: 407.814 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053499.D

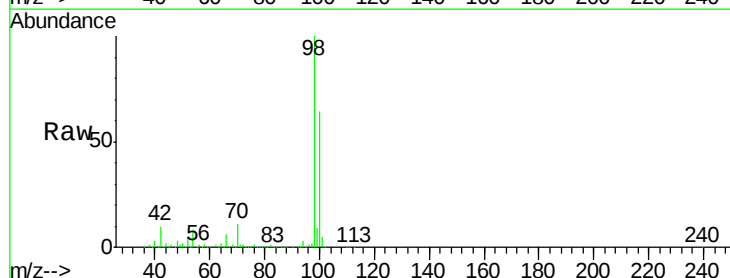
Acq: 21 Jan 2019 11:52

Tgt Ion: 98 Resp: 1392298

Ion Ratio Lower Upper

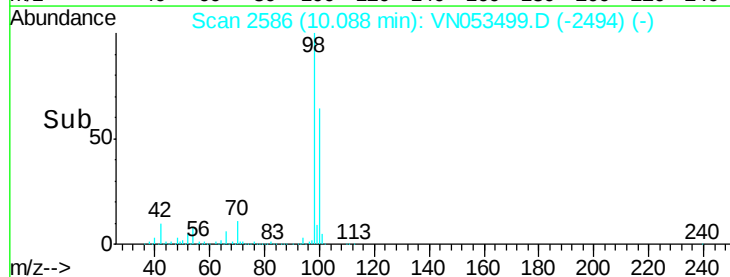
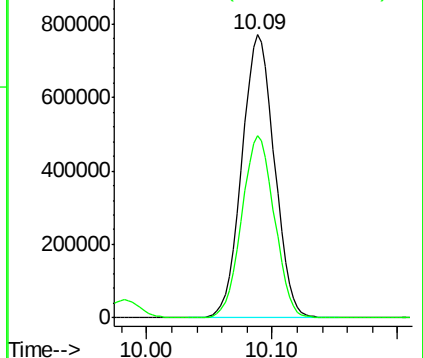
98 100

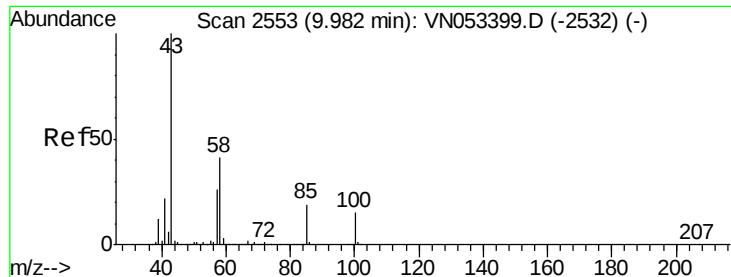
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053399.D (-2569) (-)

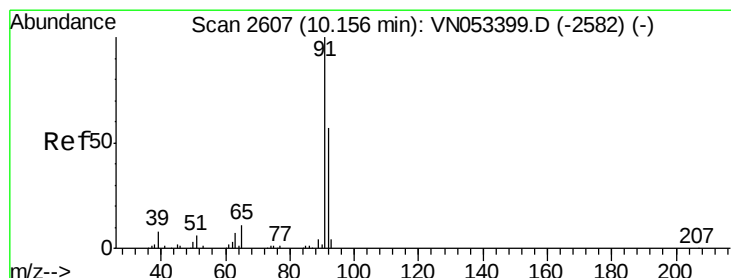
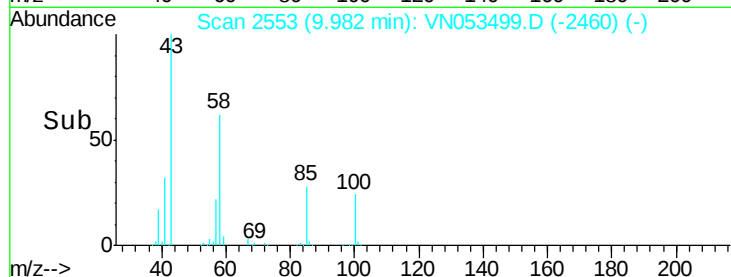
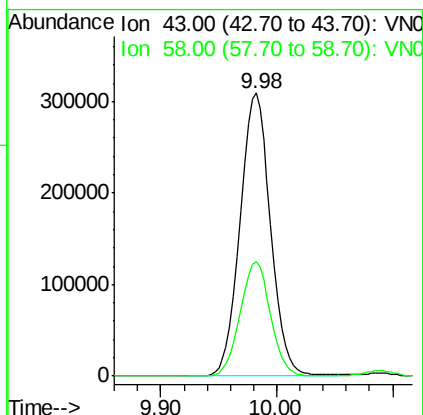
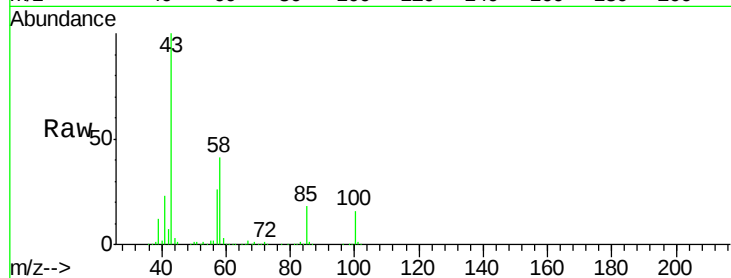




#51
 4-Methyl-2-Pentanone
 Concen: 96.997 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

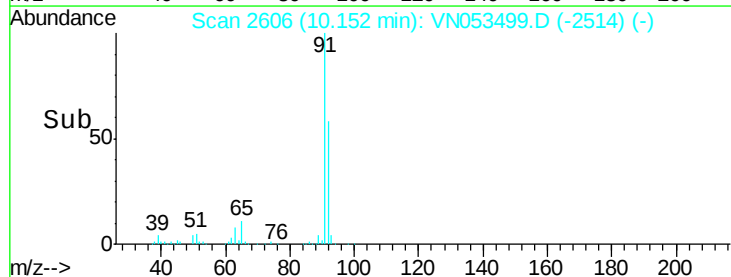
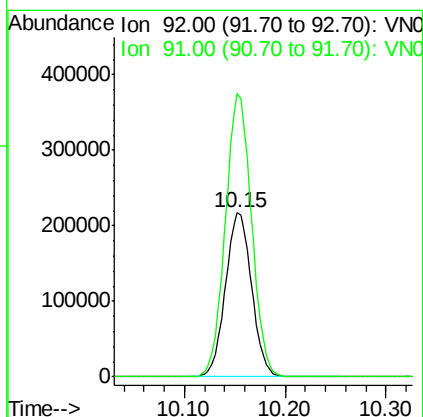
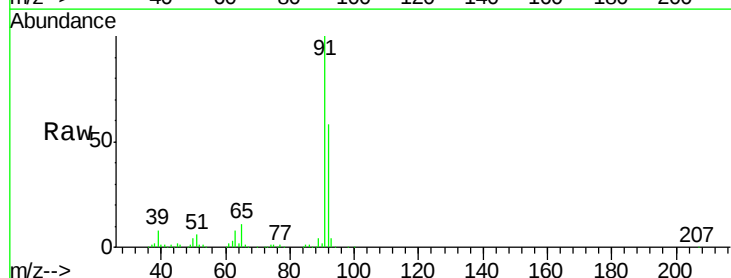
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

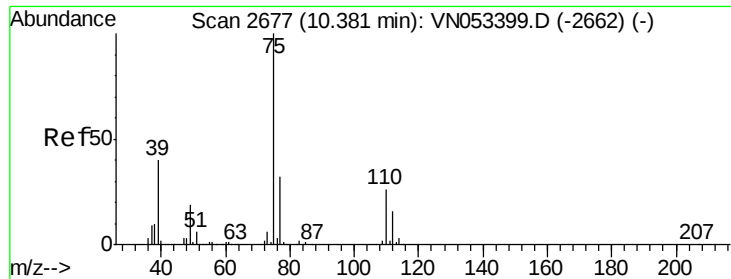
Tot Ion: 43 Resp: 561164
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.8 49.2



#52
 Toluene
 Concen: 20.384 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 92 Resp: 393966
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 20.020 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

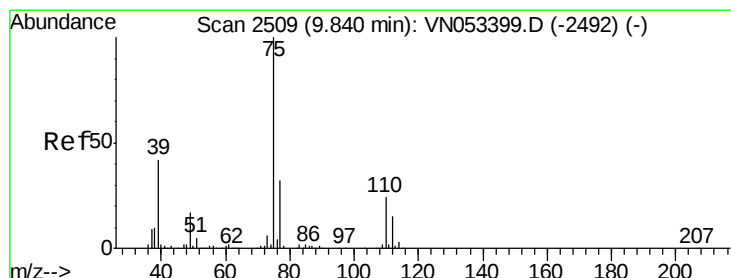
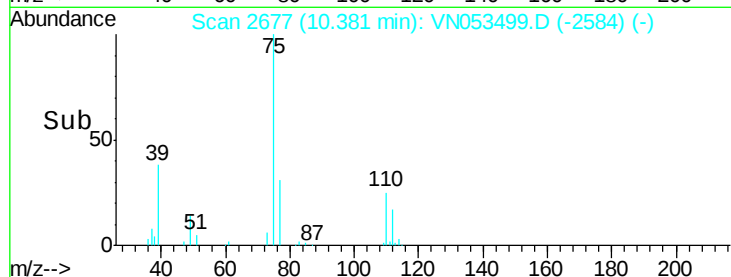
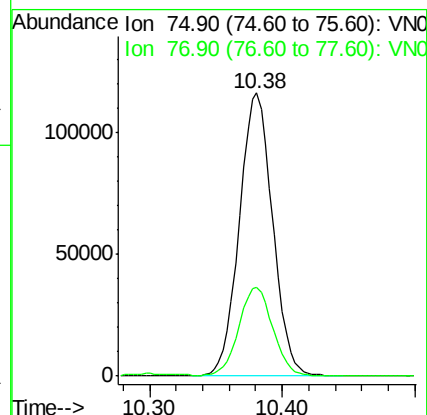
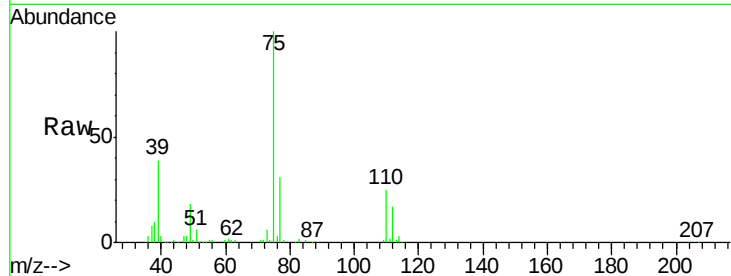
VN0121WBS01

Tot Ion: 75 Resp: 202173

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.565 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

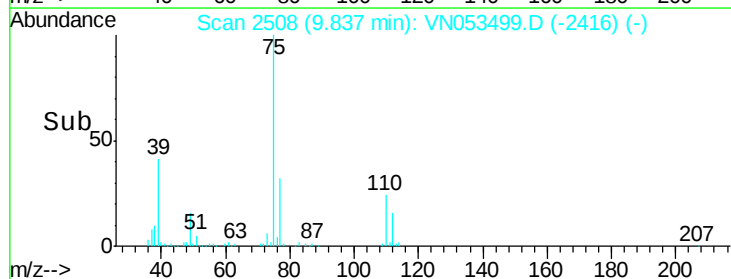
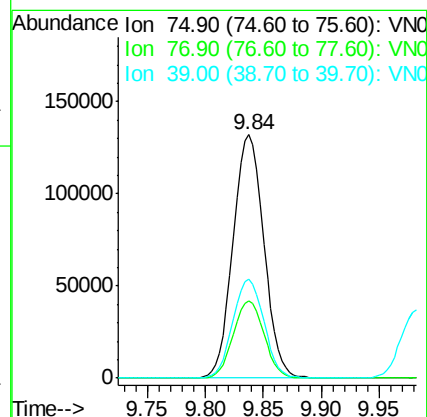
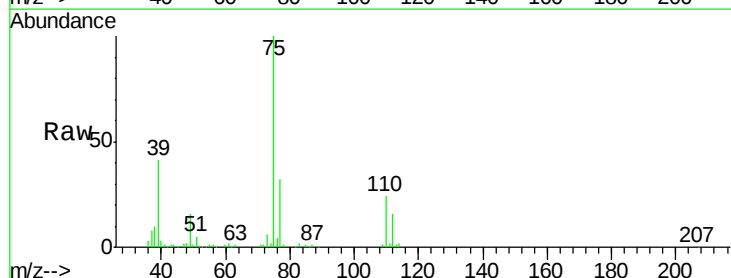
Tgt Ion: 75 Resp: 243444

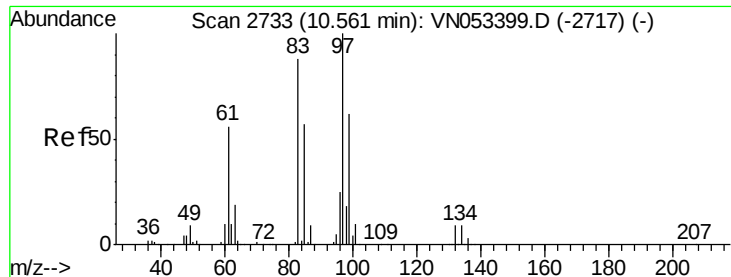
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 40.8 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.466 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

Tot Ion: 97 Resp: 136371

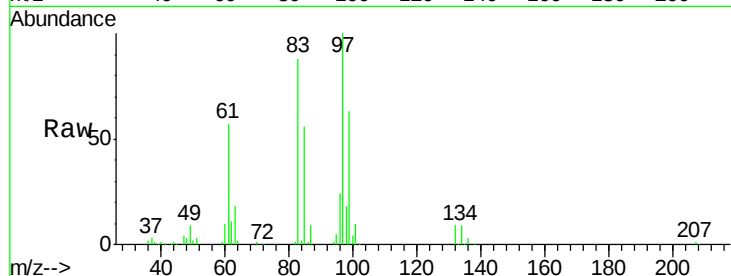
Ion Ratio Lower Upper

97 100

83 87.6 70.1 105.1

85 55.7 45.4 68.0

99 62.6 49.8 74.8



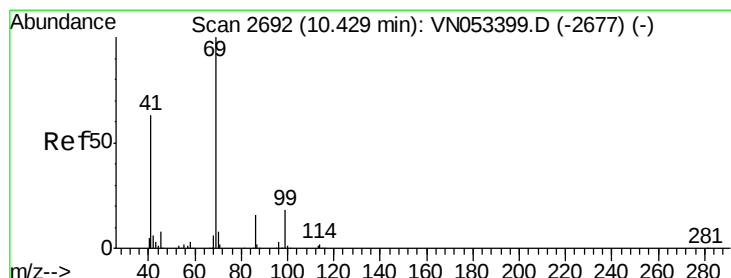
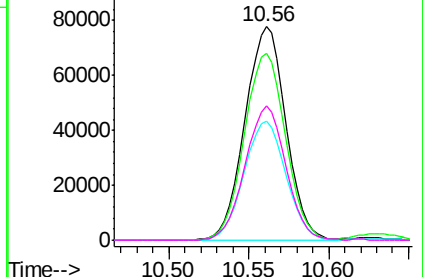
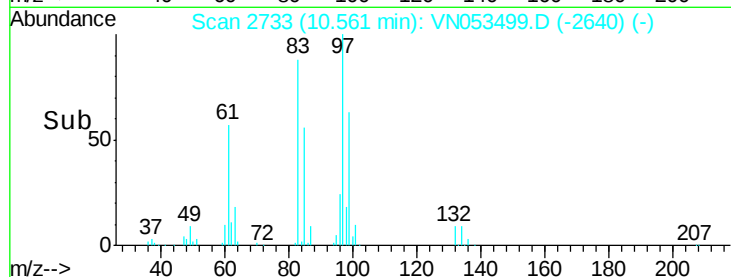
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 18.692 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

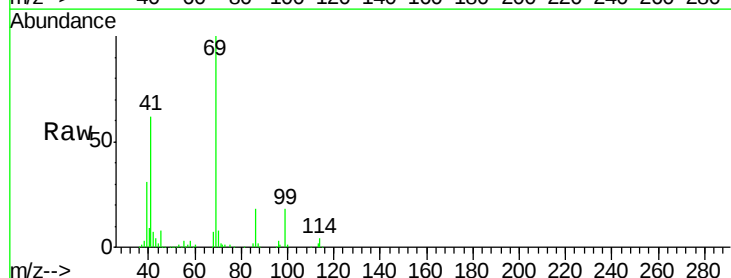
Tgt Ion: 69 Resp: 164047

Ion Ratio Lower Upper

69 100

41 61.8 49.4 74.0

39 29.7 23.3 34.9

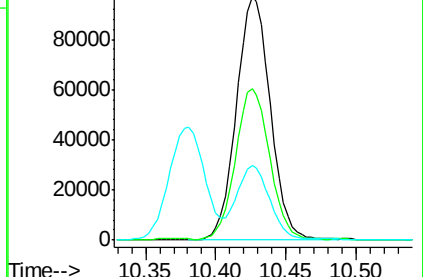
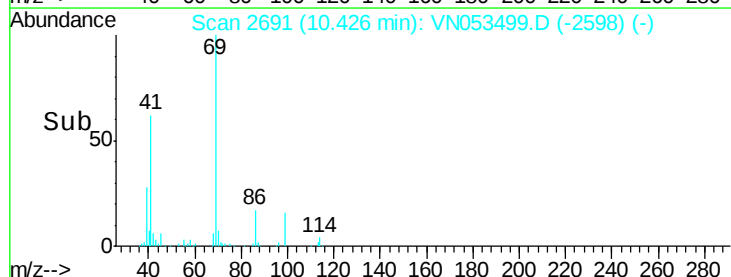


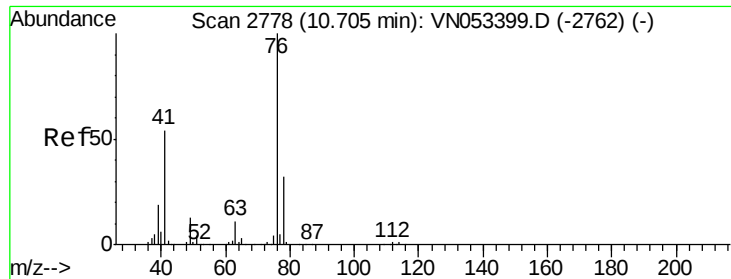
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

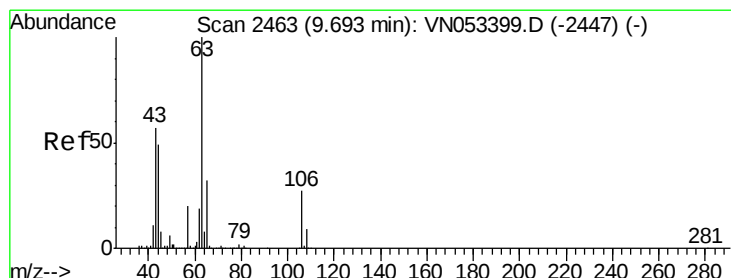
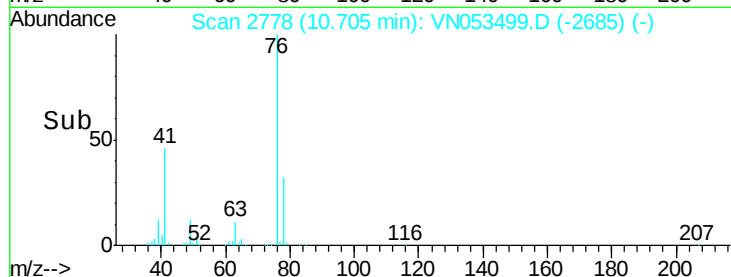
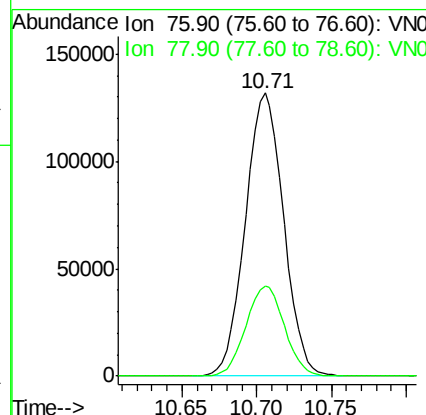
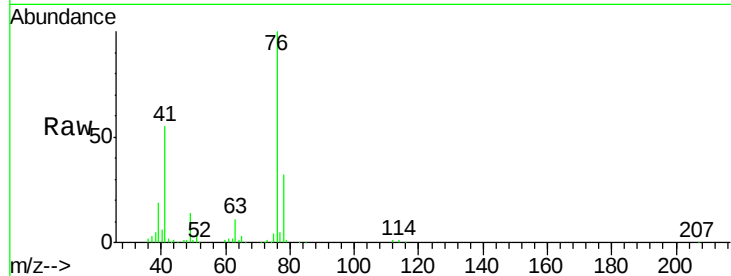




#57
 1,3-Dichloropropane
 Concen: 20.338 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

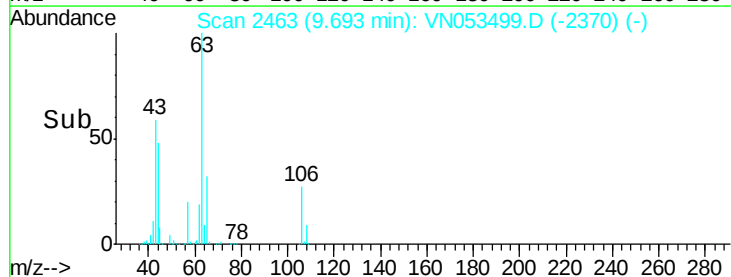
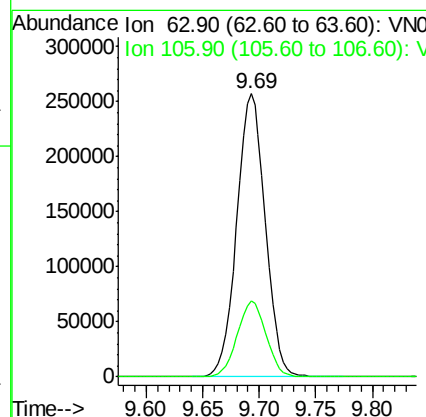
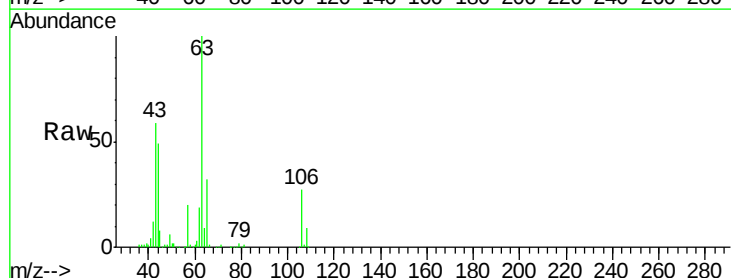
Instrument :
 MSVOA_N
 ClientSampled :
 VN0121WBS01

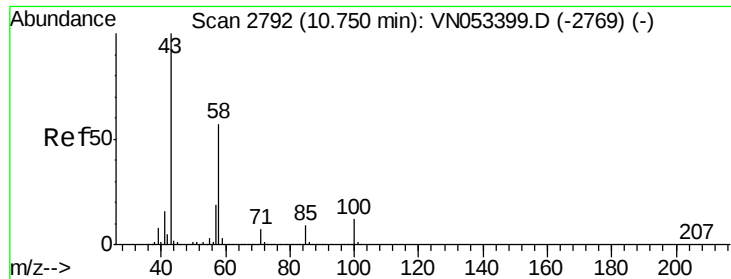
Tot Ion: 76 Resp: 234428
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.915 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 63 Resp: 451771
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.5 32.3

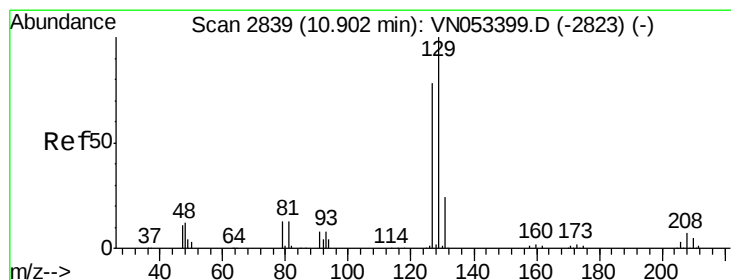
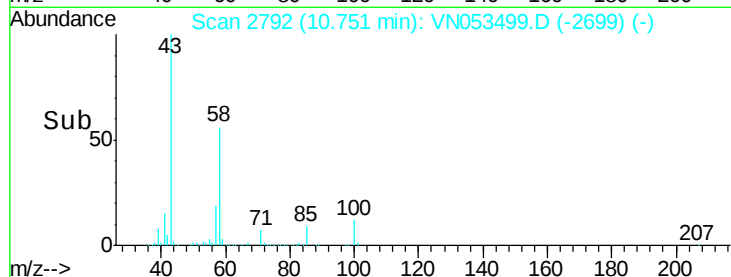
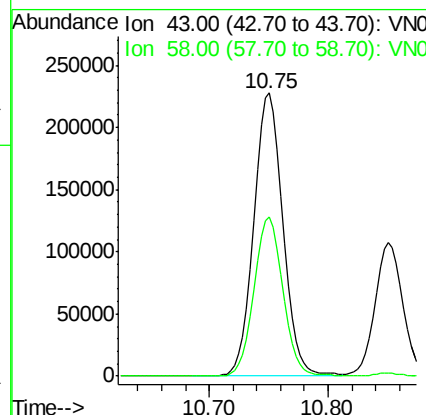
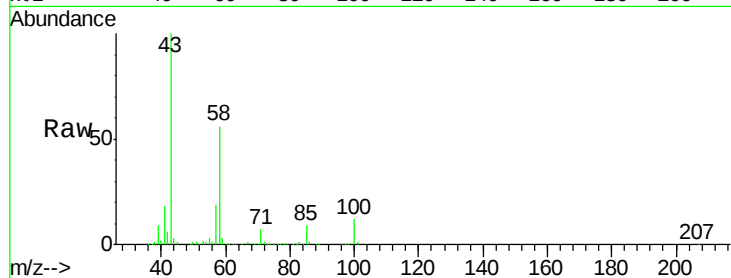




#59
2-Hexanone
Concen: 94.834 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

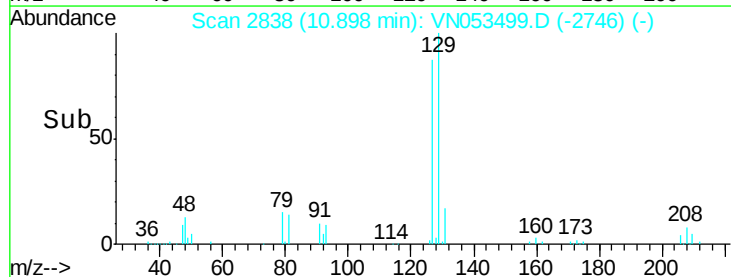
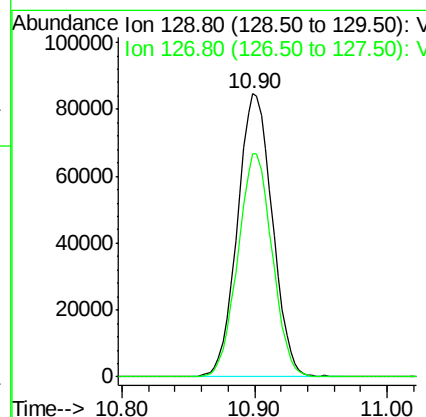
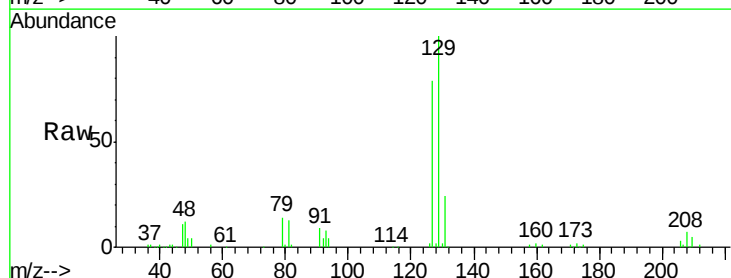
Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

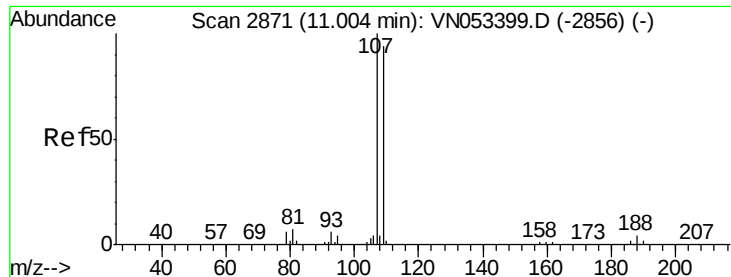
Tot Ion: 43 Resp: 385150
Ion Ratio Lower Upper
43 100
58 56.1 28.6 85.8



#60
Dibromochloromethane
Concen: 20.484 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 129 Resp: 154808
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

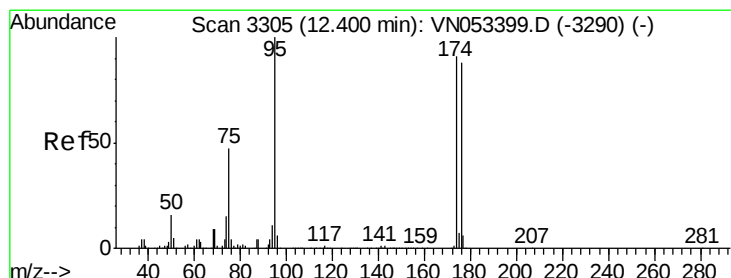
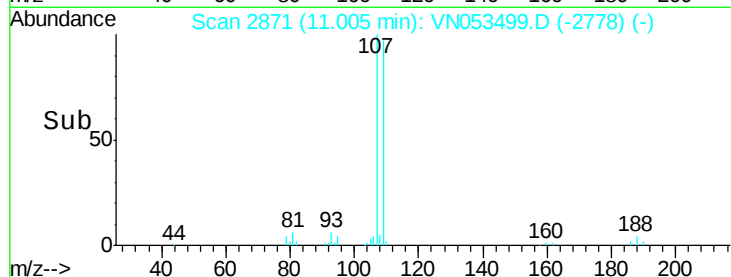
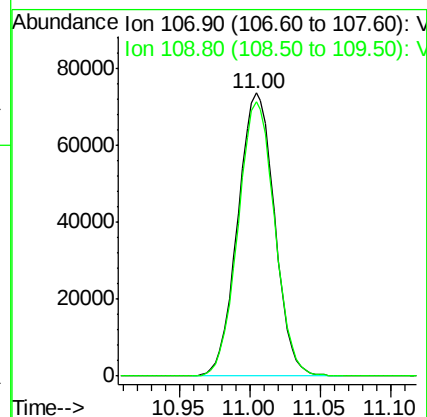
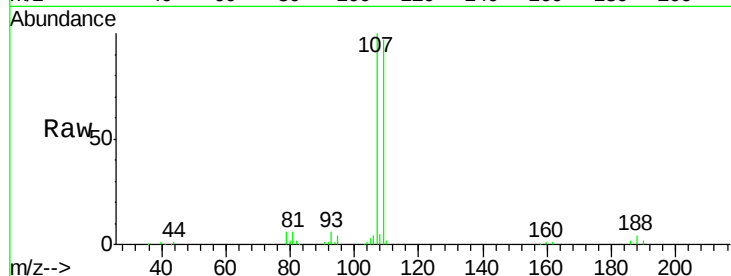




#61
 1,2-Dibromoethane
 Concen: 19.946 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

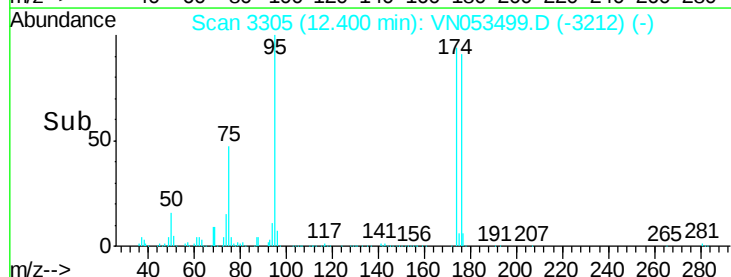
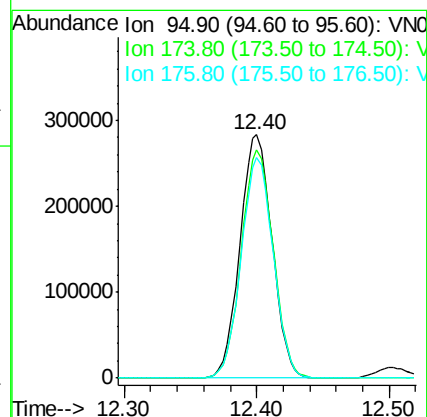
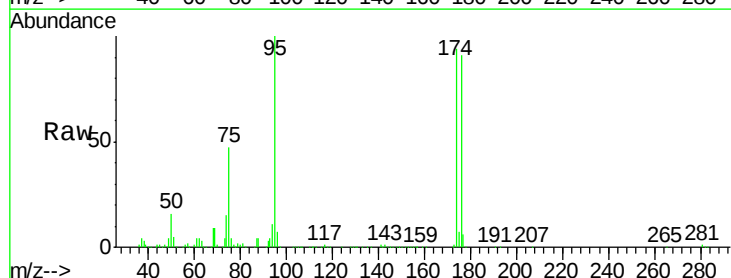
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

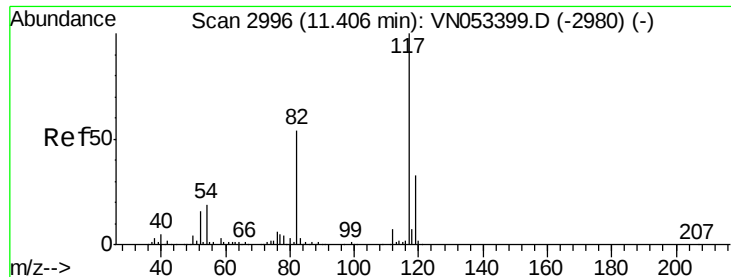
Tot Ion:107 Resp: 134415
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 19.946 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion: 95 Resp: 476409
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 183.2
 176 90.2 0.0 177.4

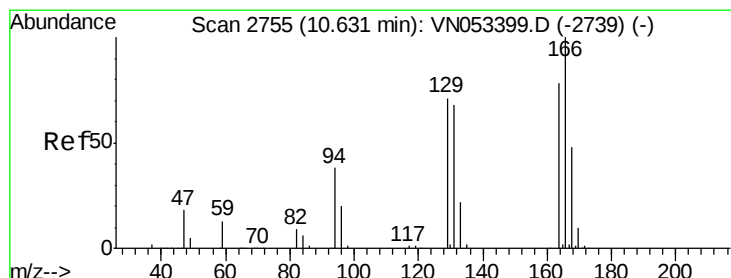
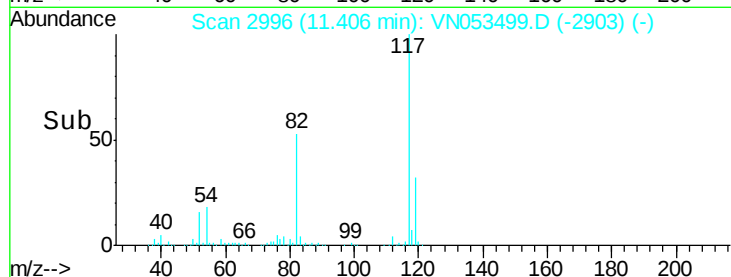
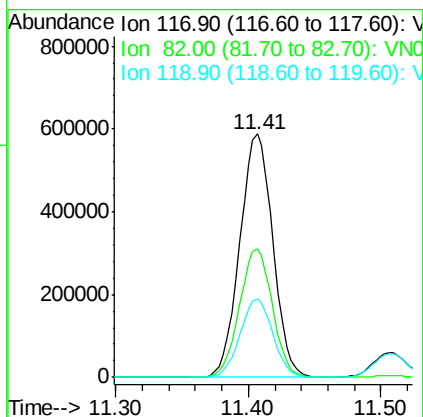
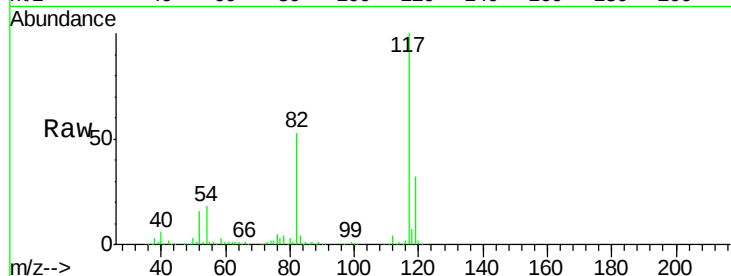




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

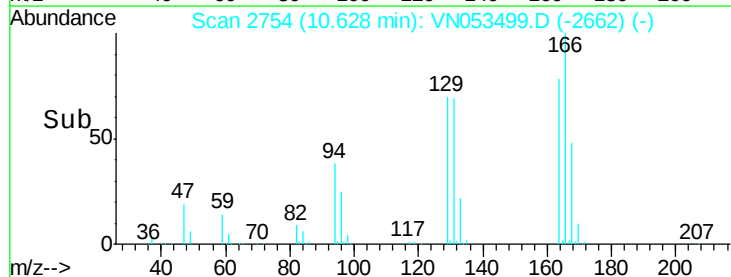
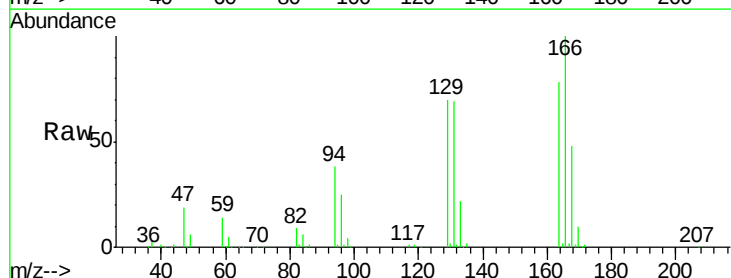
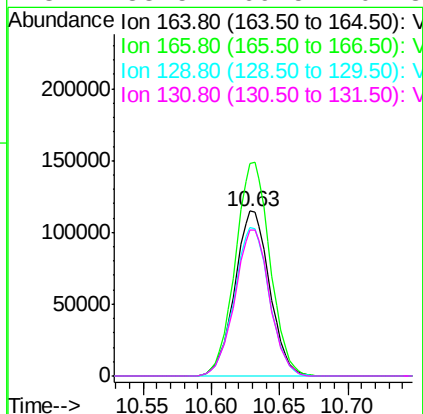
Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

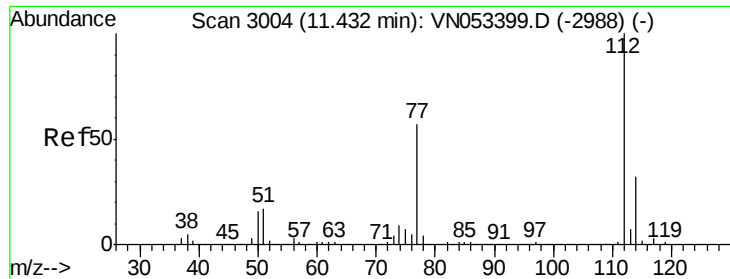
Tot Ion:117 Resp: 1013764
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 32.1 26.0 39.0



#64
Tetrachloroethene
Concen: 21.294 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion:164 Resp: 203435
Ion Ratio Lower Upper
164 100
166 128.9 102.2 153.4
129 90.1 72.6 109.0
131 88.5 69.5 104.3

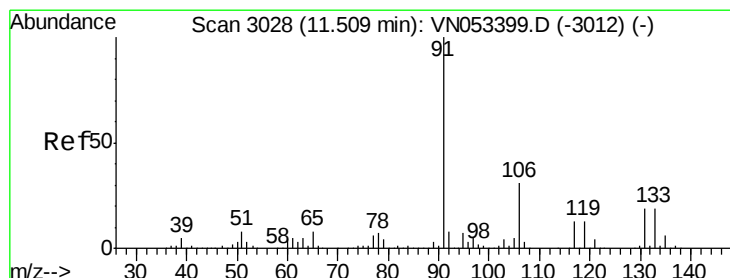
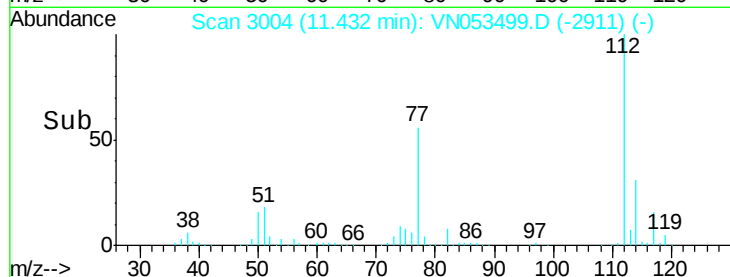
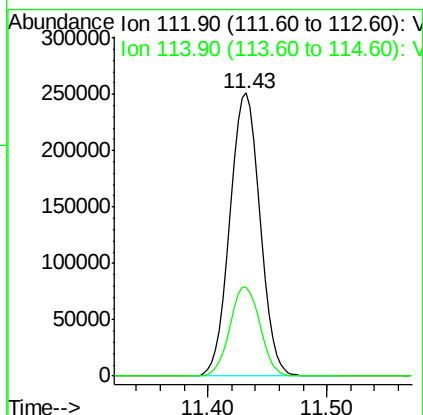
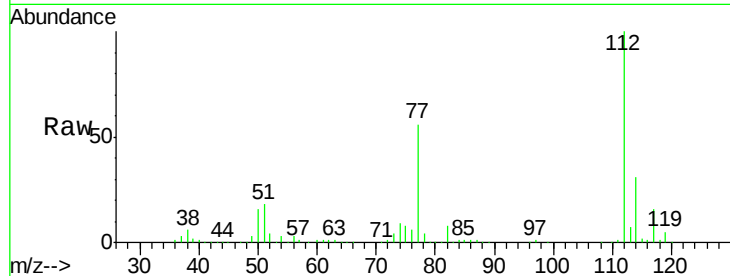




#65
Chlorobenzene
Concen: 20.604 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

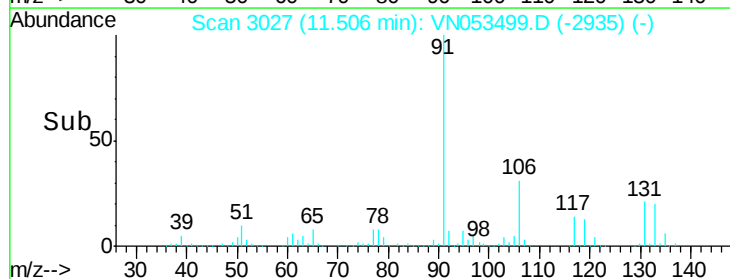
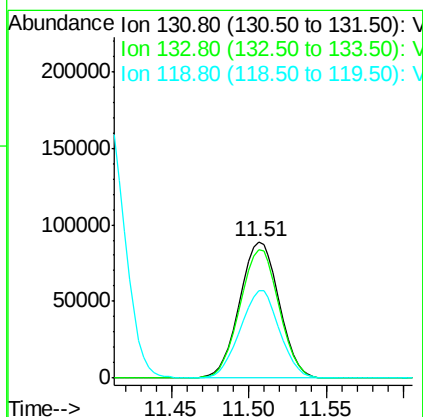
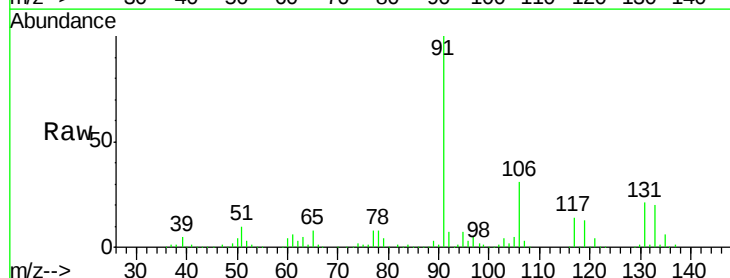
Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

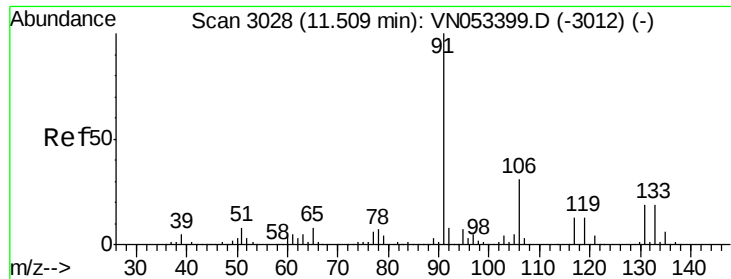
Tot Ion:112 Resp: 442128
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.196 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion:131 Resp: 158223
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 64.1 33.5 100.5

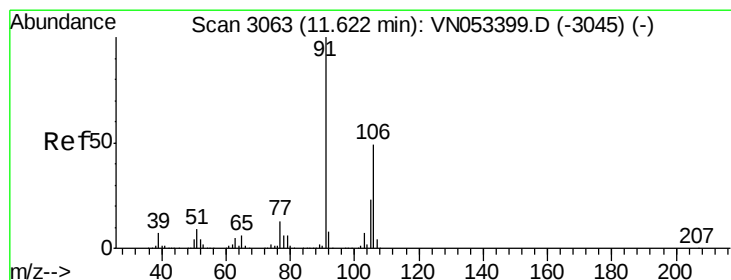
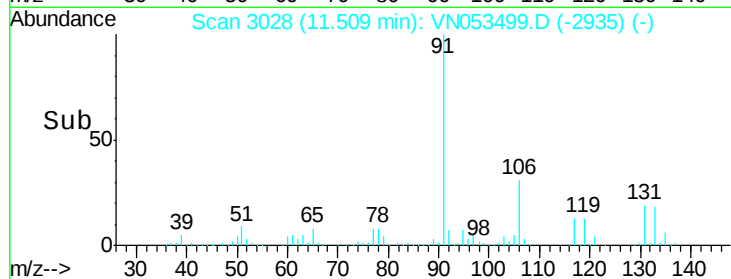
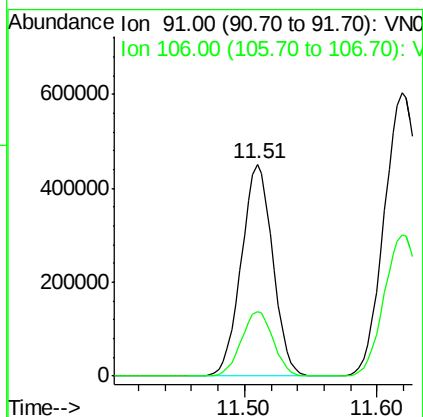
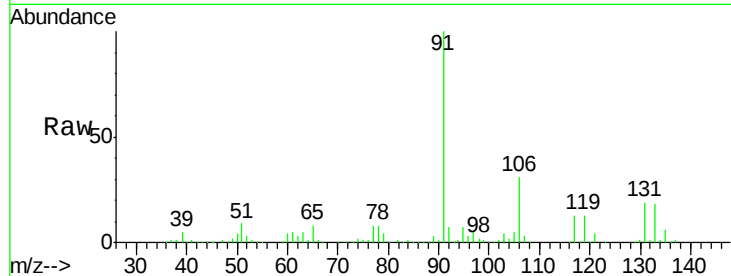




#67
Ethyl Benzene
Concen: 20.289 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

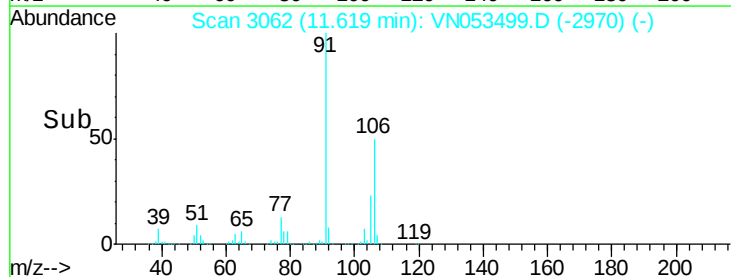
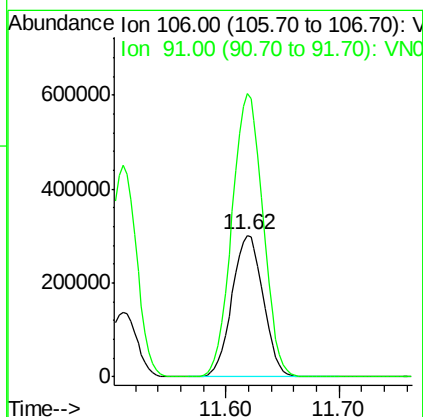
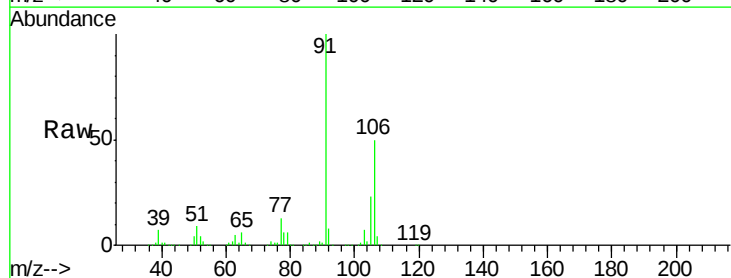
Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

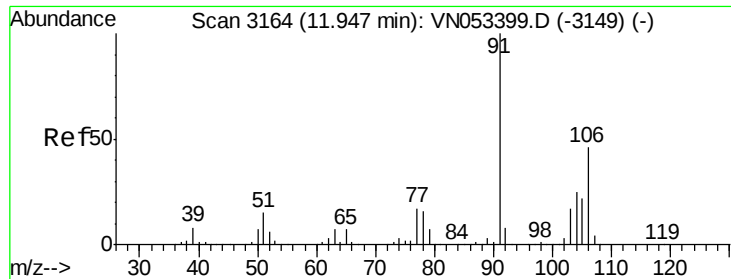
Tot Ion: 91 Resp: 741969
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 41.916 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion: 106 Resp: 578732
Ion Ratio Lower Upper
106 100
91 199.2 161.4 242.2

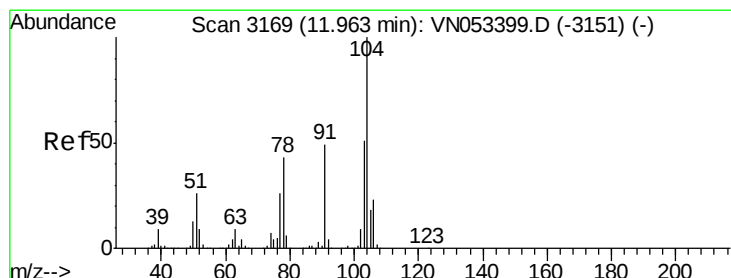
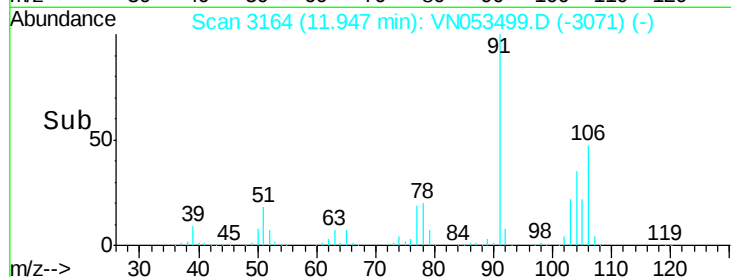
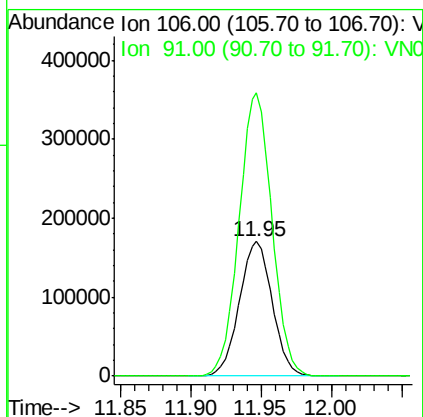
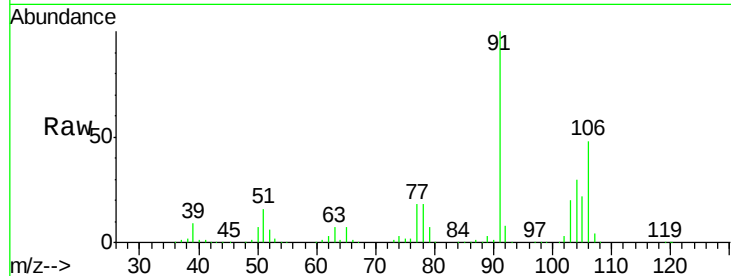




#69
o-Xylene
Concen: 20.774 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

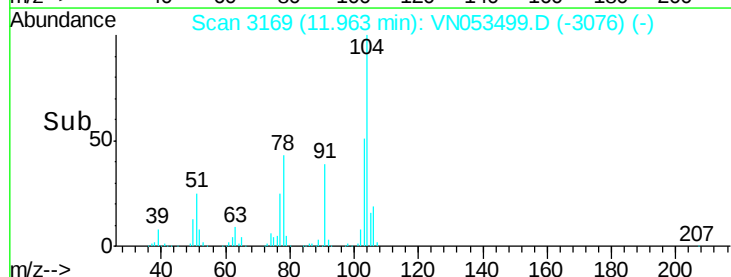
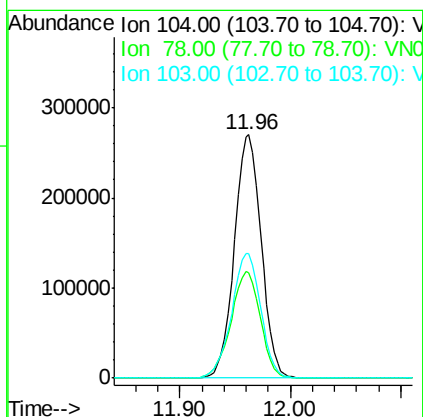
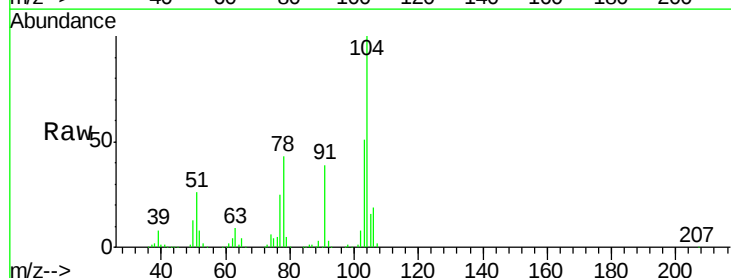
Instrument :
MSVOA_N
ClientSampled :
VN0121WBS01

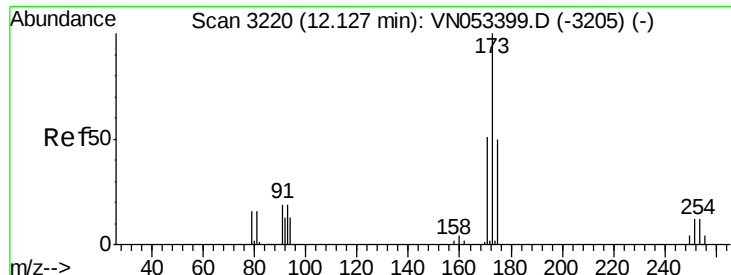
Tot Ion:106 Resp: 278710
Ion Ratio Lower Upper
106 100
91 210.1 106.9 320.8



#70
Styrene
Concen: 20.966 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion:104 Resp: 456518
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.4 44.4 66.6

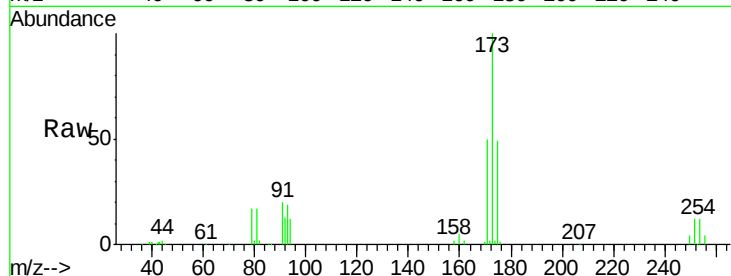




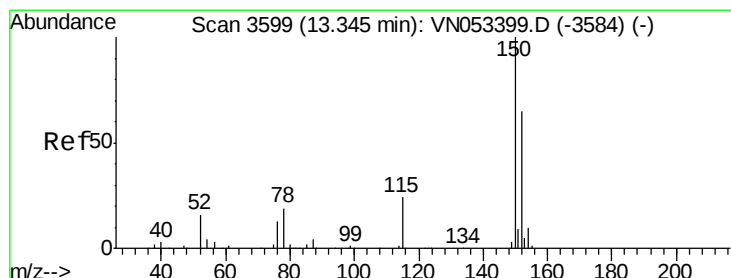
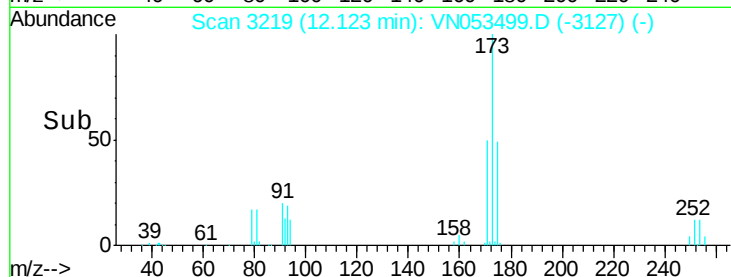
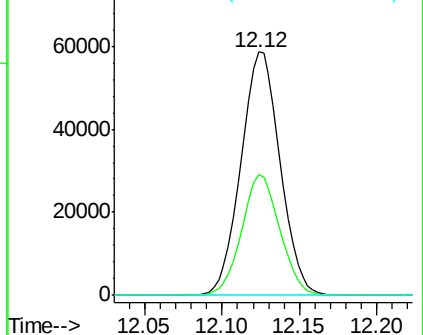
#71
Bromoform
Concen: 20.096 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0121WBS01

Tot Ion:173 Resp: 103279
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.2 0.2#

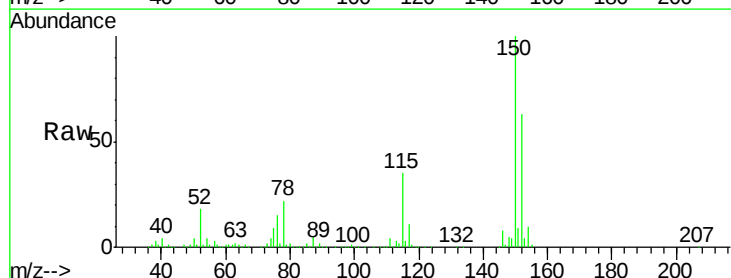


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

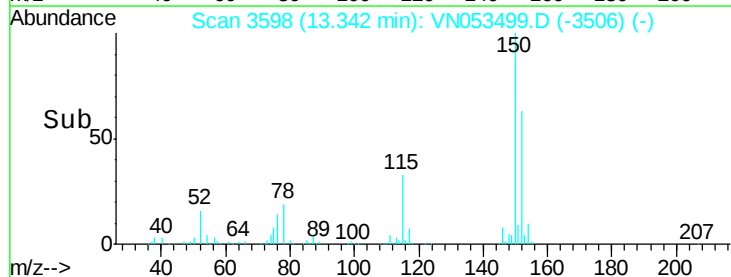
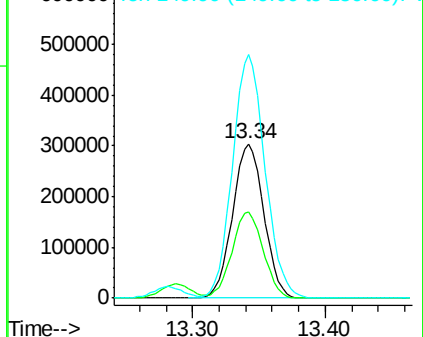


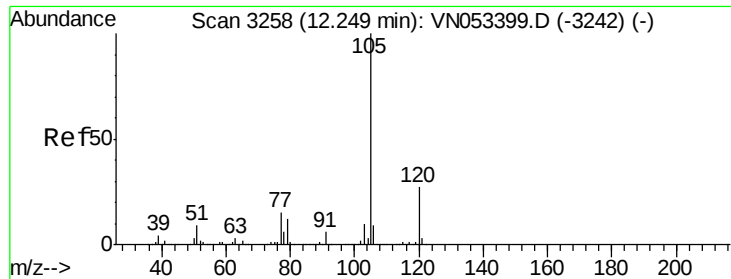
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053499.D
Acq: 21 Jan 2019 11:52

Tgt Ion:152 Resp: 497716
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 164.4 0.0 349.0



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





#73

Isopropylbenzene

Concen: 20.279 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

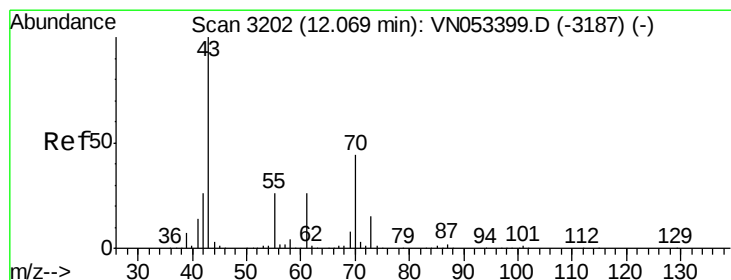
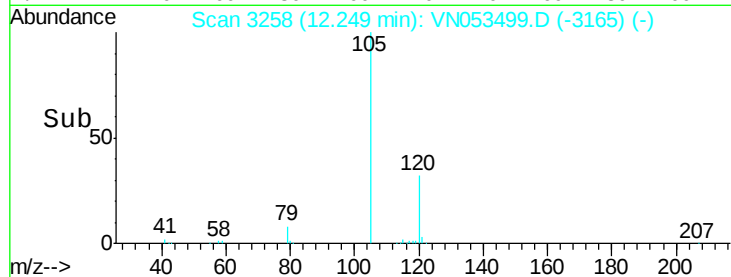
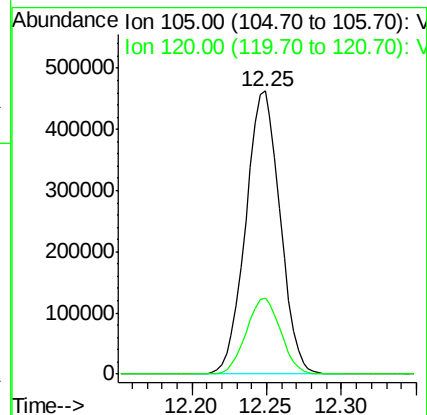
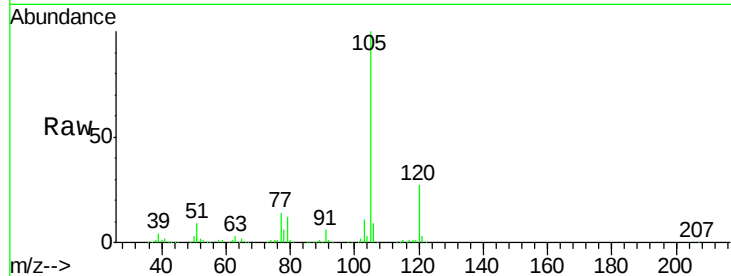
VN0121WBS01

Tot Ion:105 Resp: 739146

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 18.314 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Tgt Ion: 43 Resp: 177941

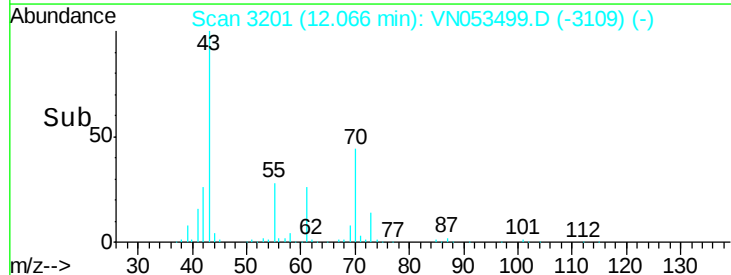
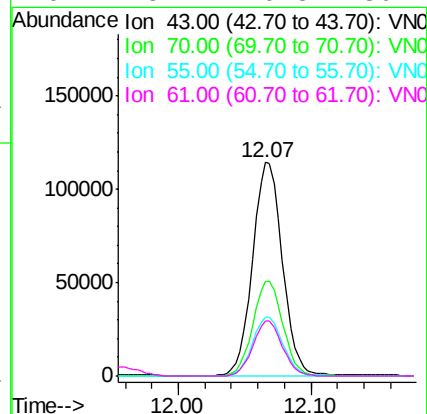
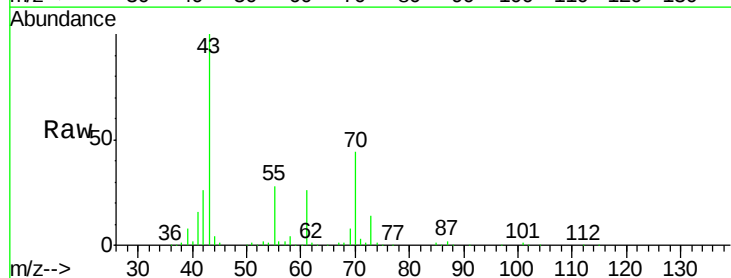
Ion Ratio Lower Upper

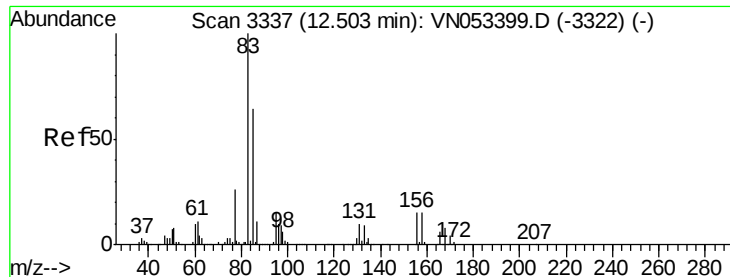
43 100

70 44.9 35.4 53.2

55 28.3 20.9 31.3

61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.582 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

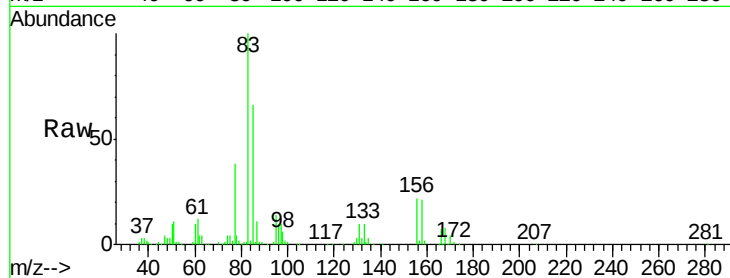
Tot Ion: 83 Resp: 142046

Ion Ratio Lower Upper

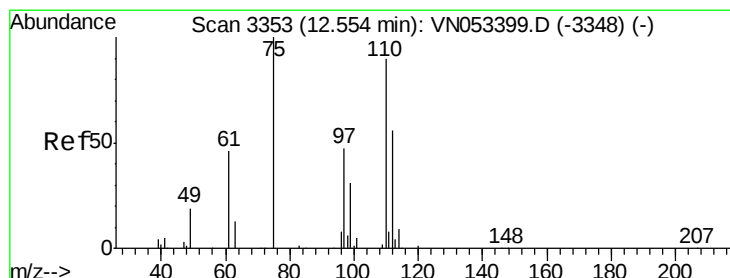
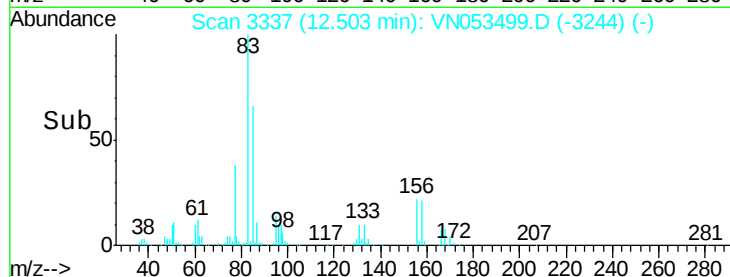
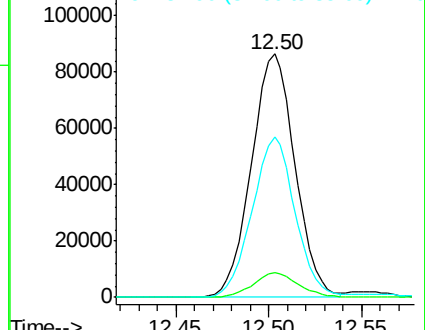
83 100

131 10.6 5.3 15.8

85 64.9 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.214 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN053499.D

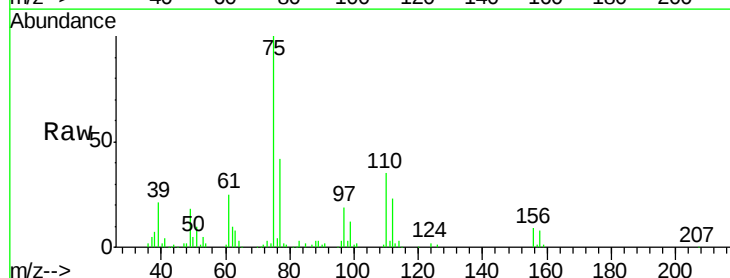
Acq: 21 Jan 2019 11:52

Tgt Ion: 75 Resp: 198175

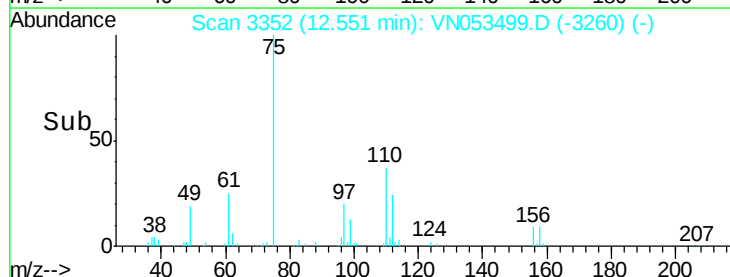
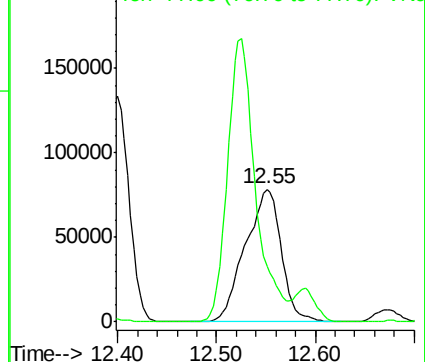
Ion Ratio Lower Upper

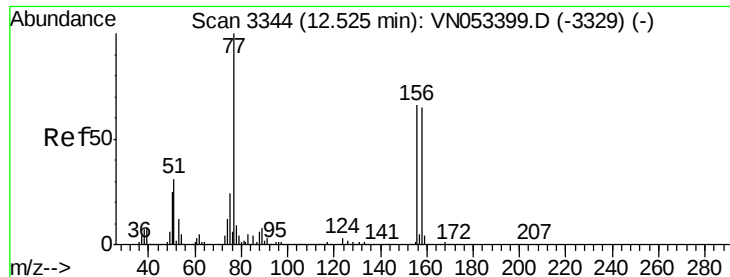
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.169 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

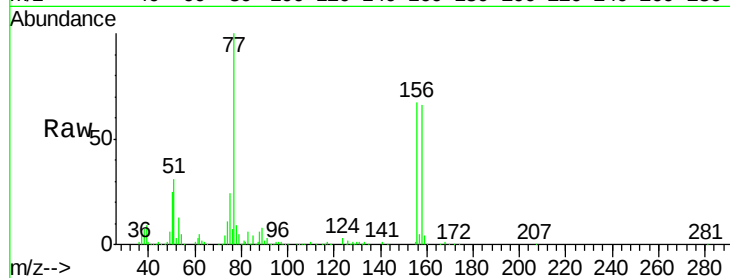
Tot Ion:156 Resp: 193708

Ion Ratio Lower Upper

156 100

77 173.1 87.9 263.8

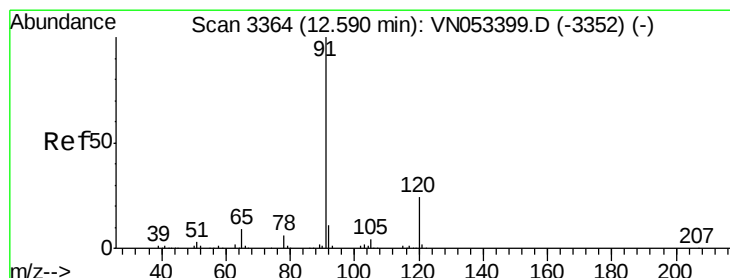
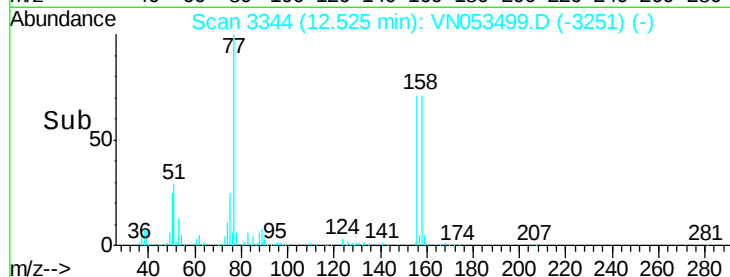
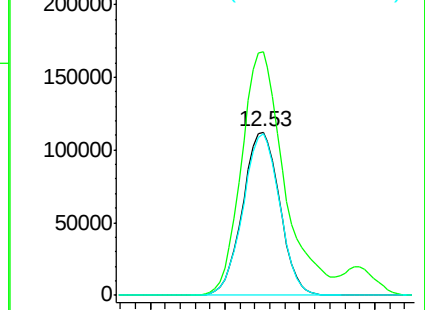
158 97.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.337 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053499.D

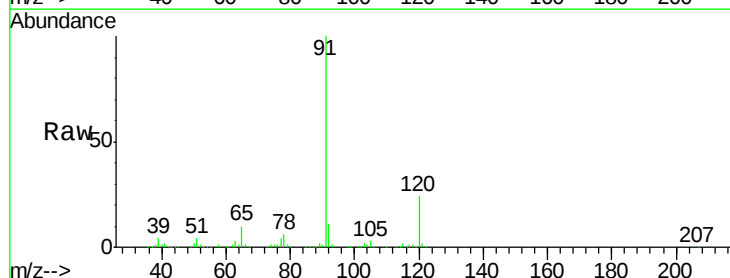
Acq: 21 Jan 2019 11:52

Tgt Ion: 91 Resp: 850863

Ion Ratio Lower Upper

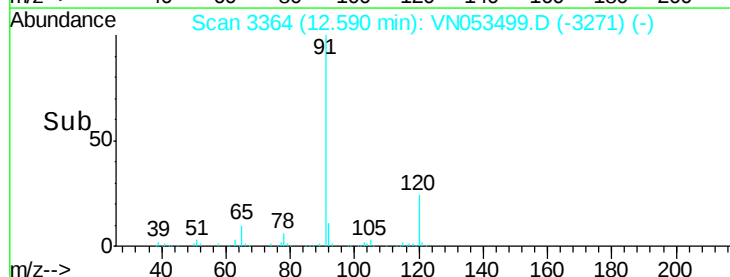
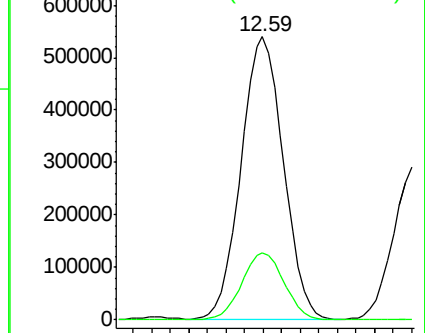
91 100

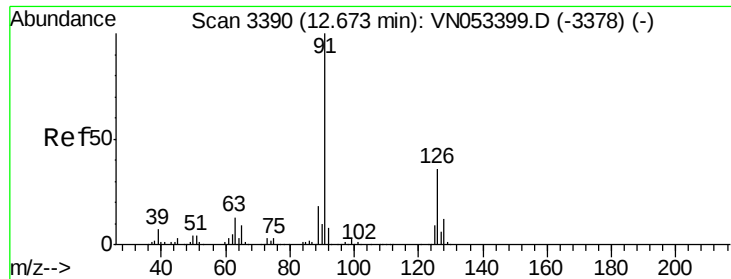
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.328 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

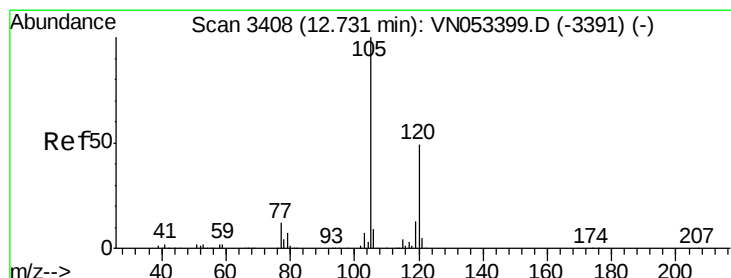
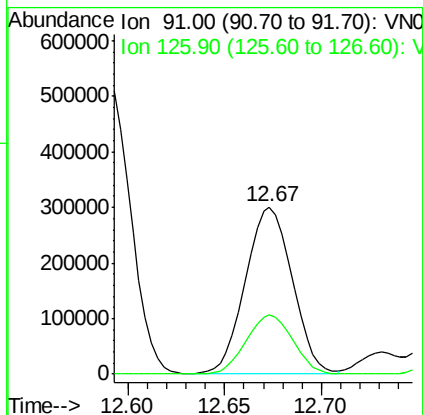
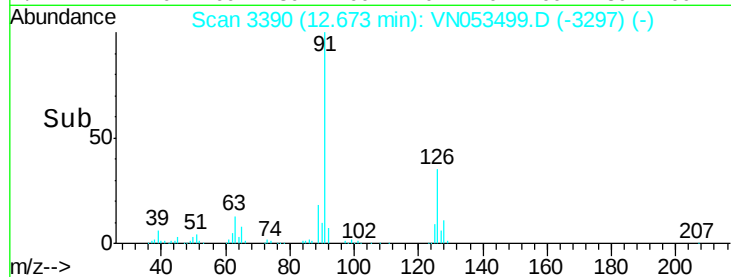
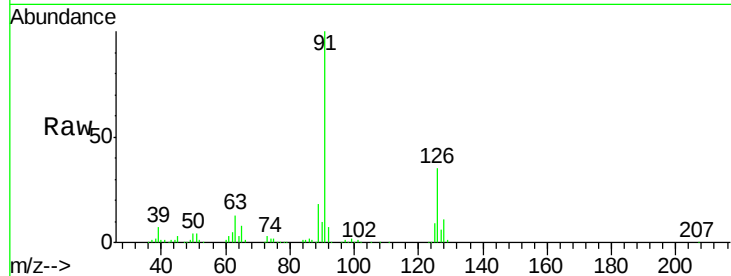
VN0121WBS01

Tot Ion: 91 Resp: 504108

Ion Ratio Lower Upper

91 100

126 35.6 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.626 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053499.D

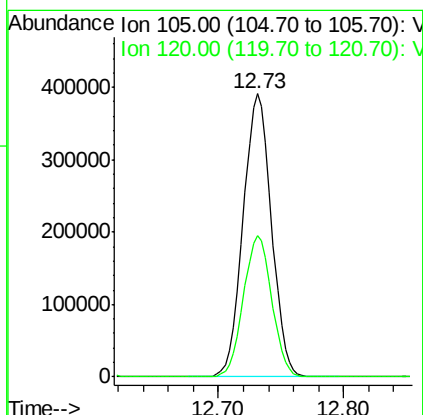
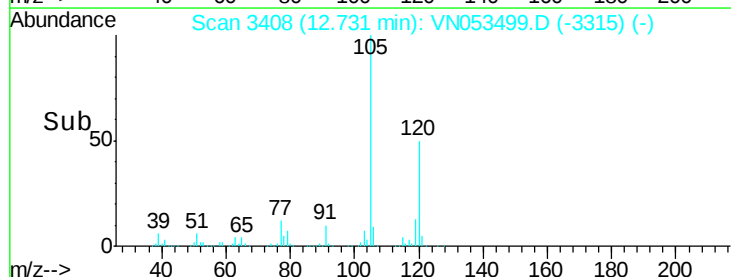
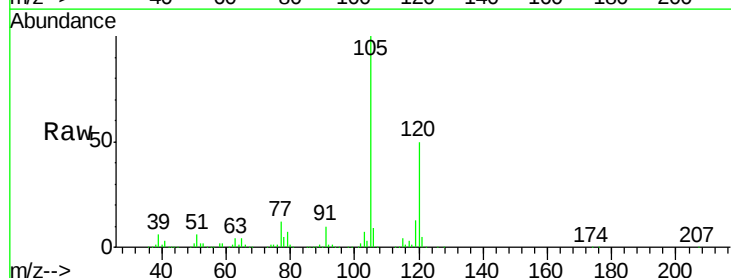
Acq: 21 Jan 2019 11:52

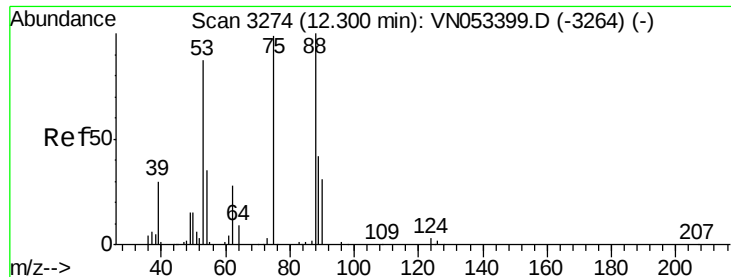
Tgt Ion: 105 Resp: 611675

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.763 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

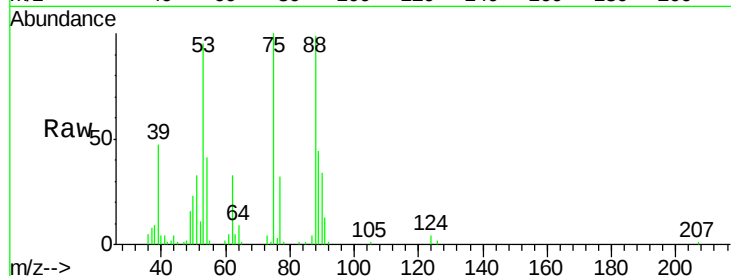
Tot Ion: 75 Resp: 44307

Ion Ratio Lower Upper

75 100

53 92.1 69.8 104.6

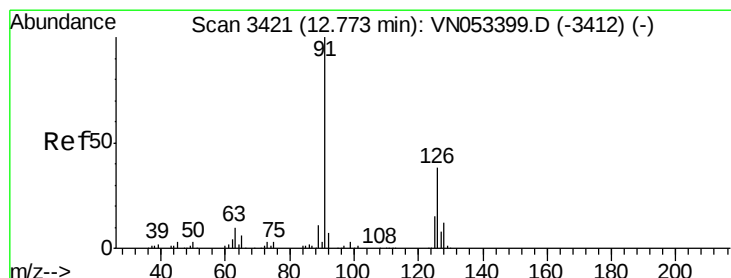
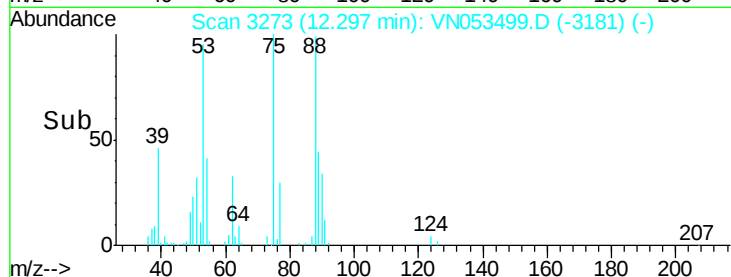
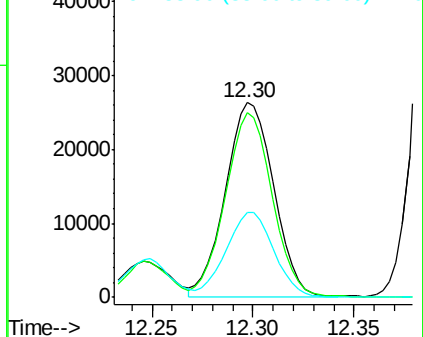
89 43.1 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.321 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053499.D

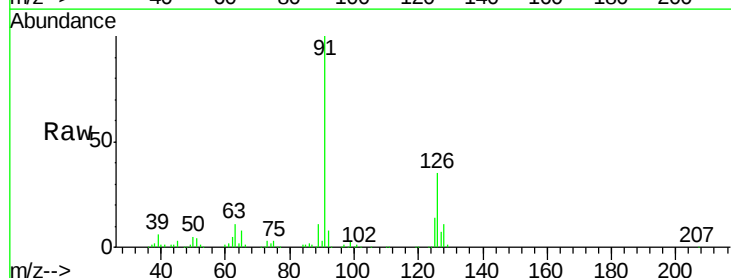
Acq: 21 Jan 2019 11:52

Tgt Ion: 91 Resp: 513908

Ion Ratio Lower Upper

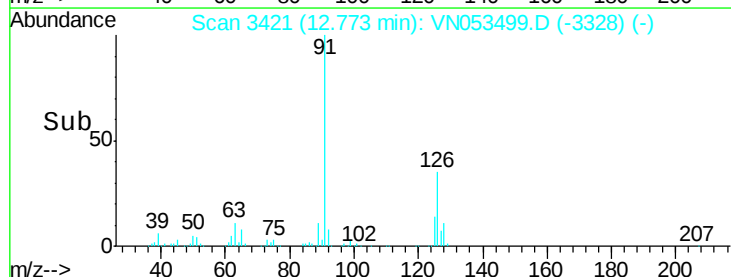
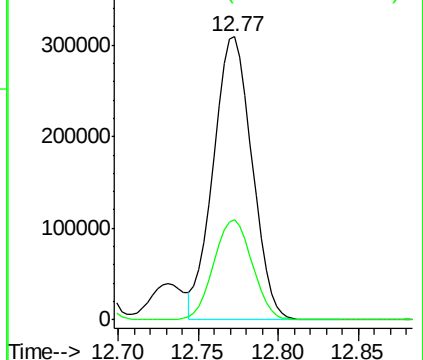
91 100

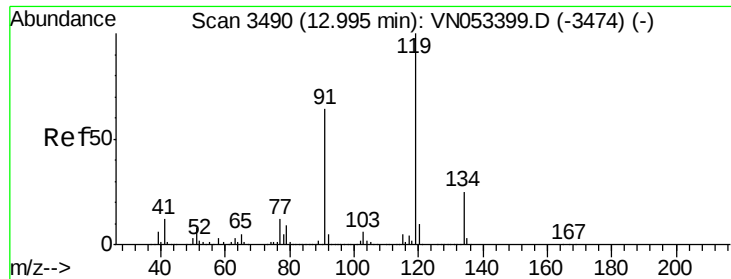
126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

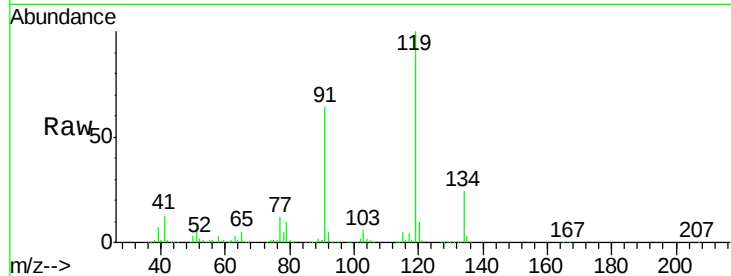




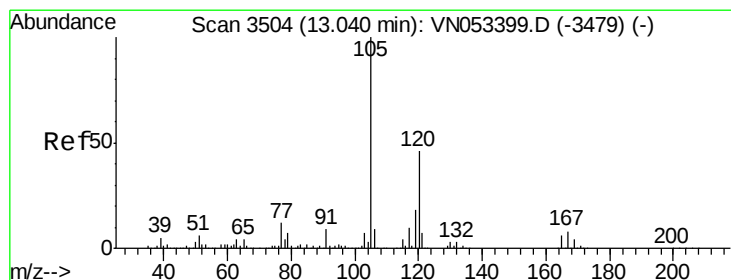
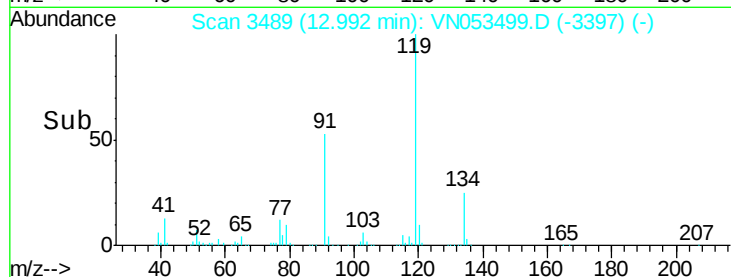
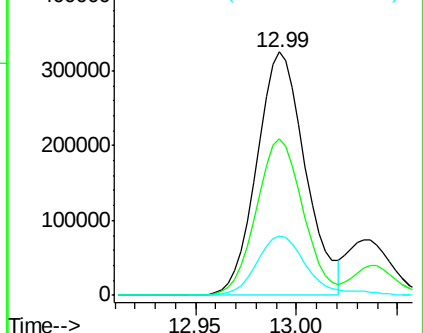
#83
 tert-Butylbenzene
 Concen: 20.806 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Instrument :
 MSVOA_N
 ClientSampled :
 VN0121WBS01

Tot Ion:119 Resp: 544963
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.3 93.8
 134 25.5 12.9 38.7

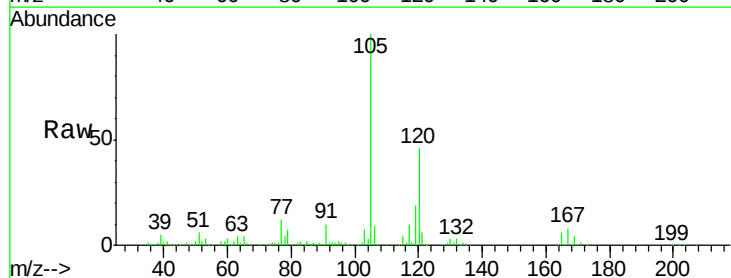


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

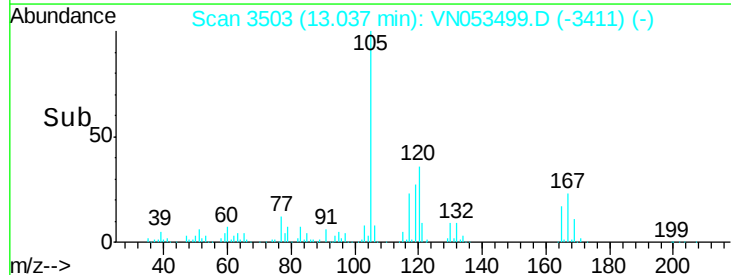
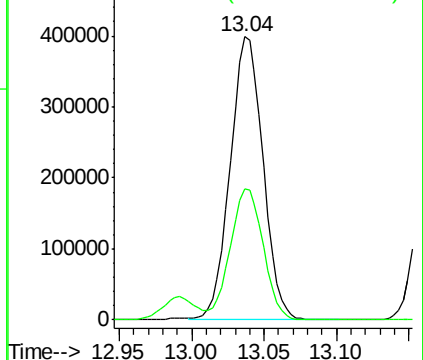


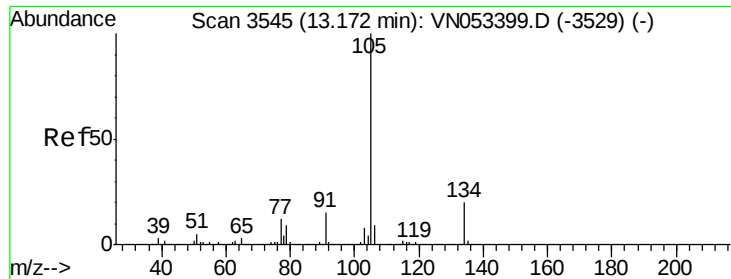
#84
 1,2,4-Trimethylbenzene
 Concen: 20.925 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion:105 Resp: 625683
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 20.539 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

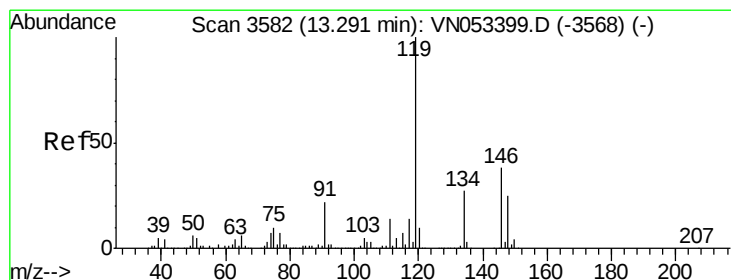
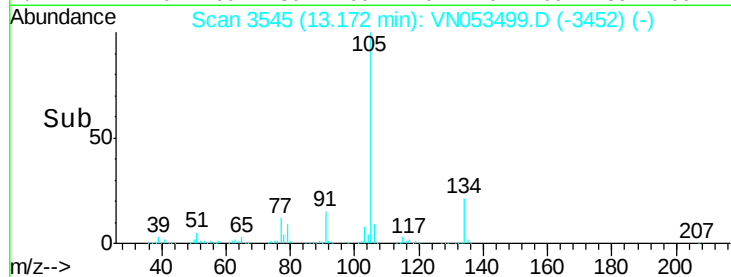
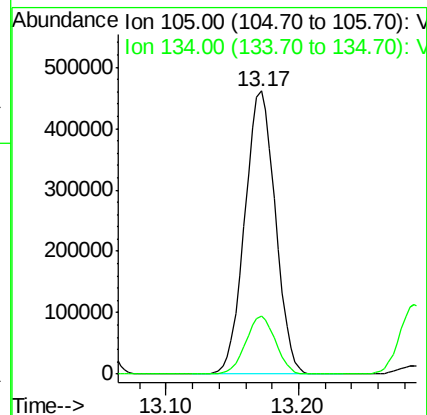
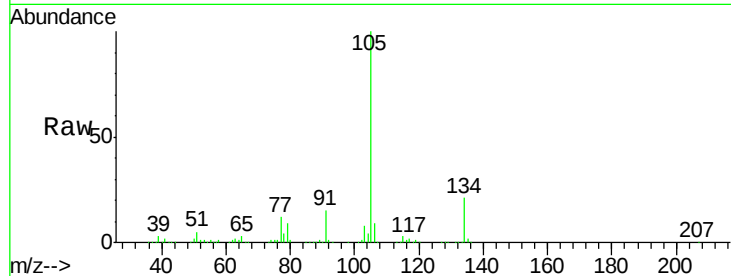
VN0121WBS01

Tot Ion:105 Resp: 737799

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.795 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

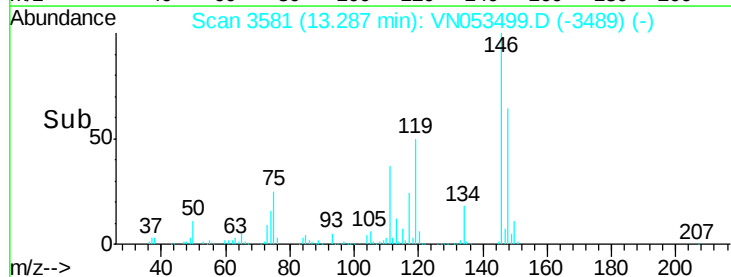
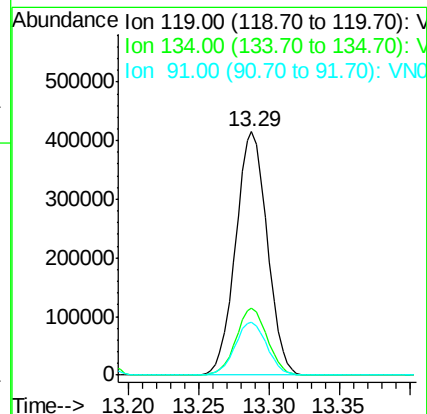
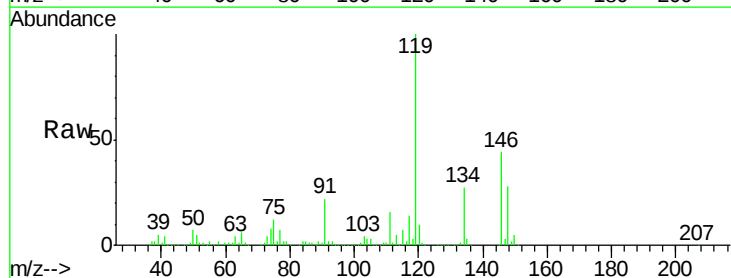
Tgt Ion:119 Resp: 648584

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 21.9 11.0 33.0

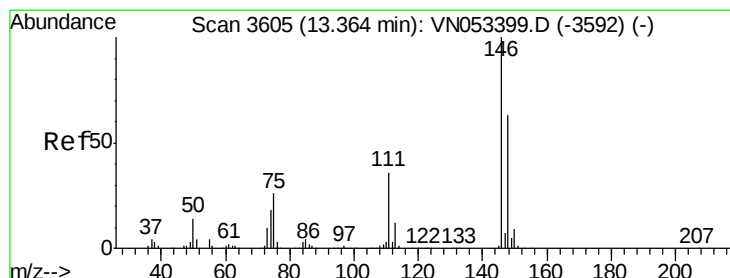
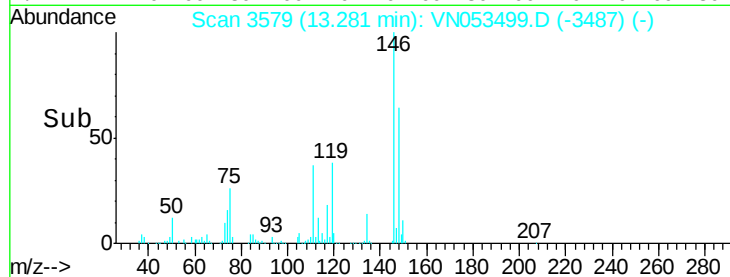
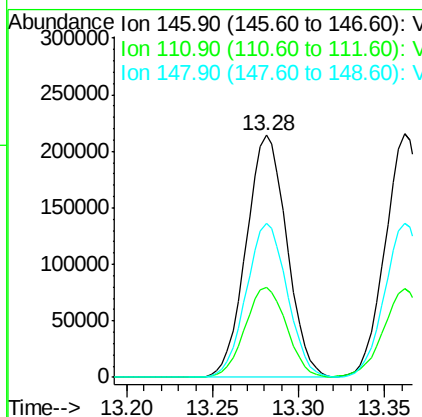
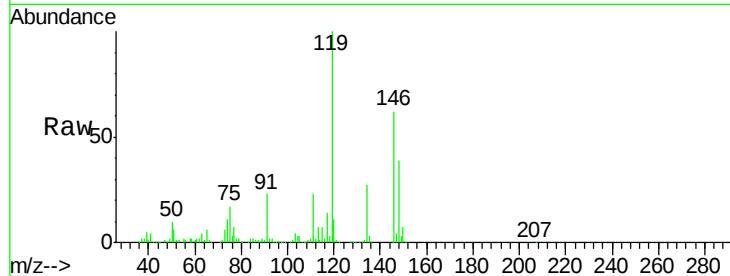




#87
 1,3-Dichlorobenzene
 Concen: 20.742 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

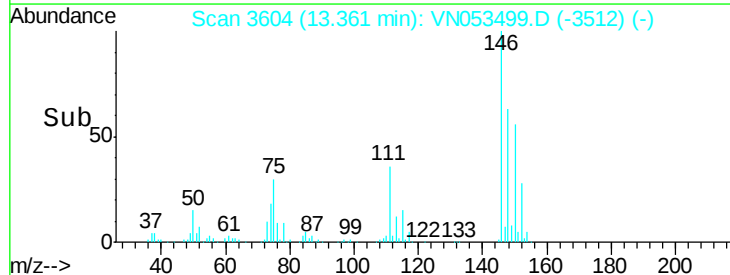
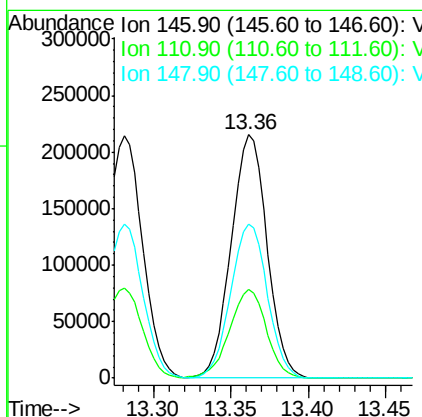
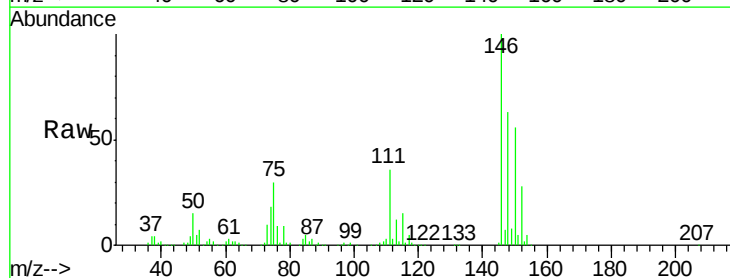
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

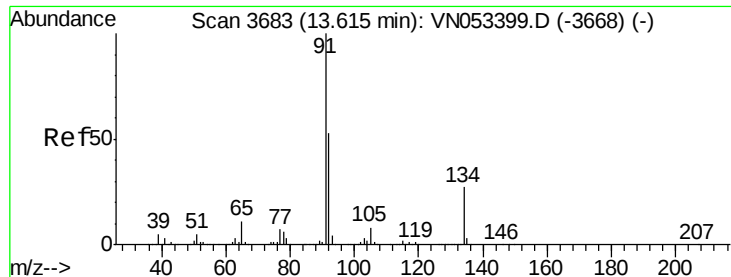
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.426 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 20.384 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

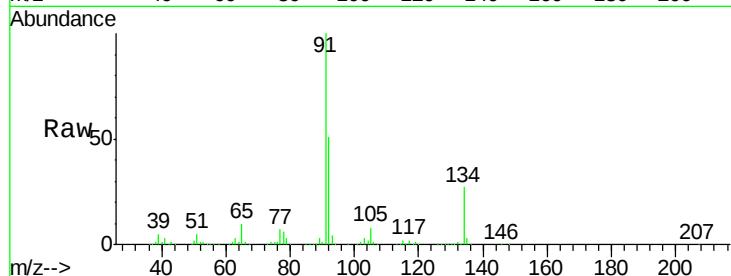
Tot Ion: 91 Resp: 541926

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.8

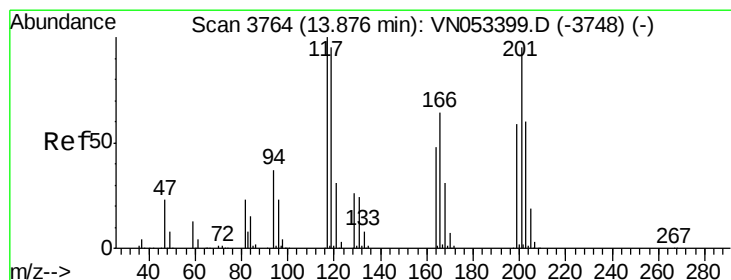
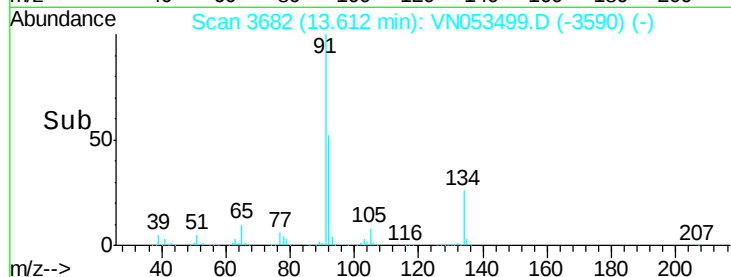
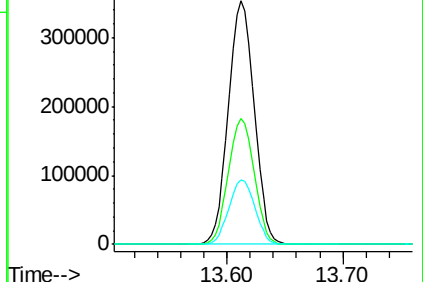
134 26.7 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053399.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053399.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053399.D (-3668) (-)



#90

Hexachloroethane

Concen: 20.087 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN053499.D

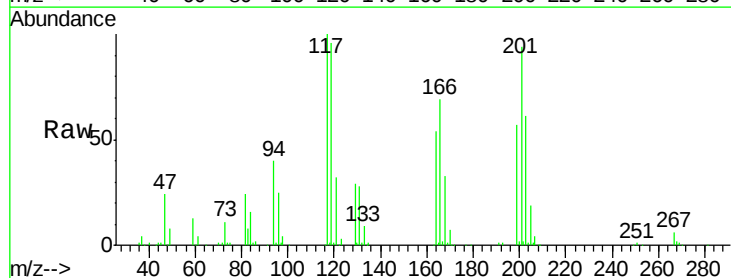
Acq: 21 Jan 2019 11:52

Tgt Ion: 117 Resp: 98259

Ion Ratio Lower Upper

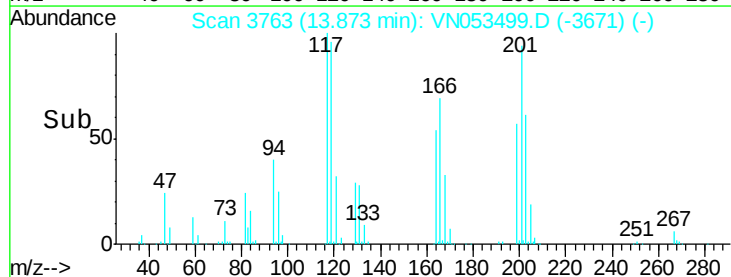
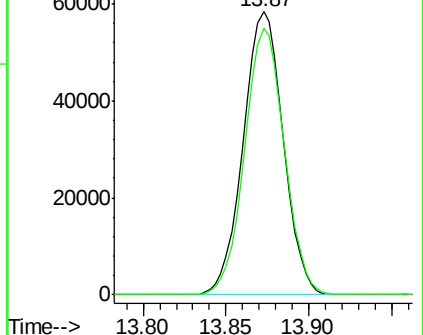
117 100

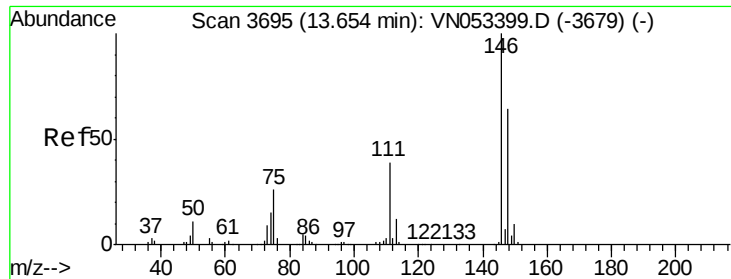
201 93.2 46.8 140.4



Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN053399.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 21.431 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

VN0121WBS01

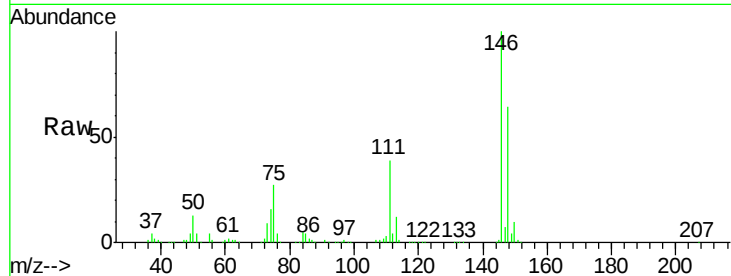
Tot Ion:146 Resp: 333095

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

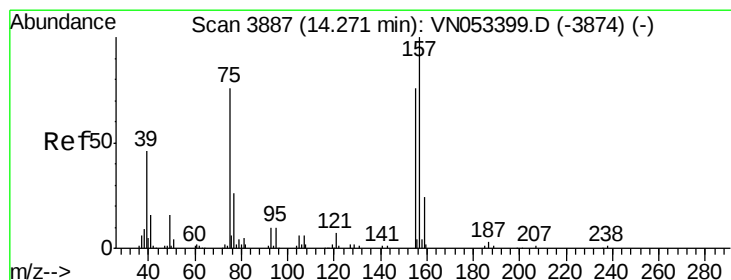
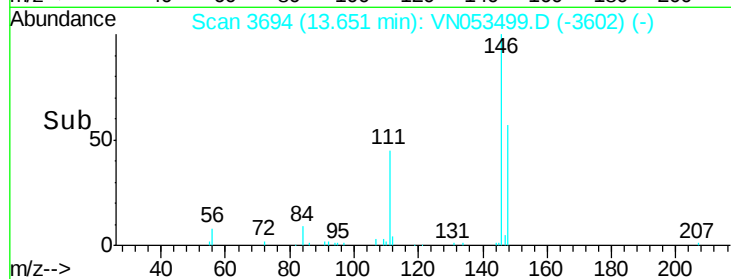
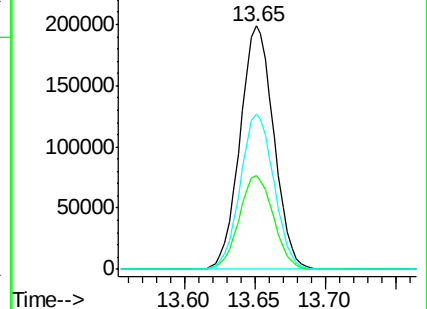
148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.880 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

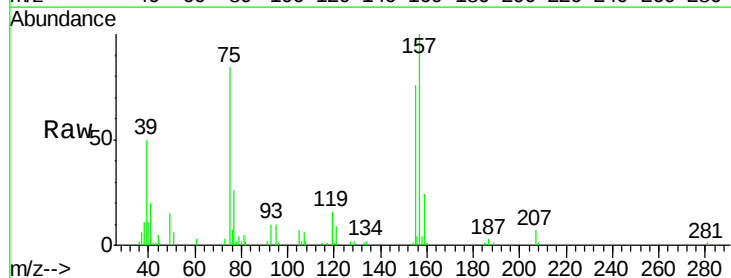
Tgt Ion: 75 Resp: 21207

Ion Ratio Lower Upper

75 100

155 92.3 48.9 146.7

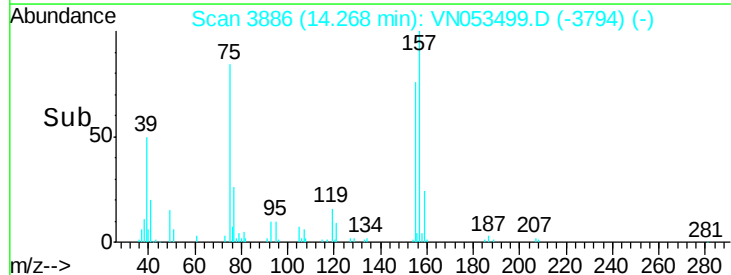
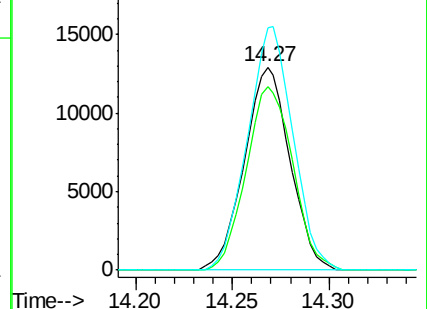
157 119.4 63.7 191.3

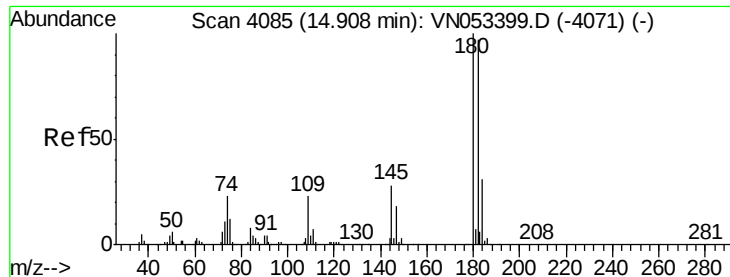


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

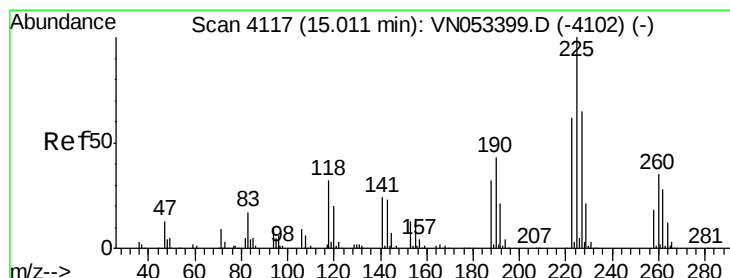
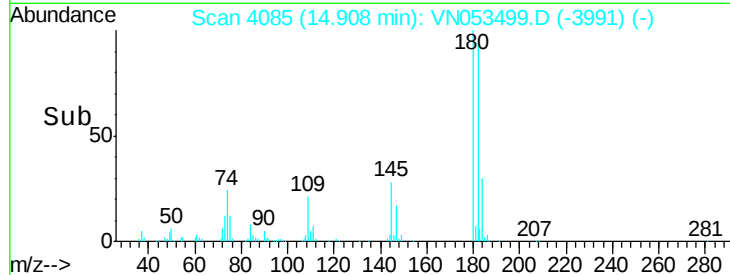
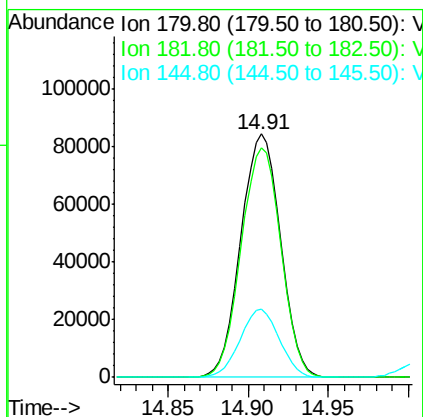
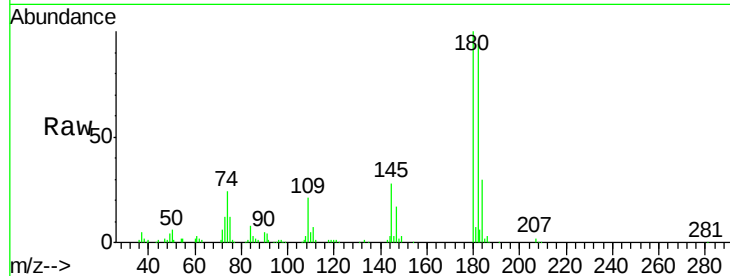




#93
 1,2,4-Trichlorobenzene
 Concen: 22.487 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

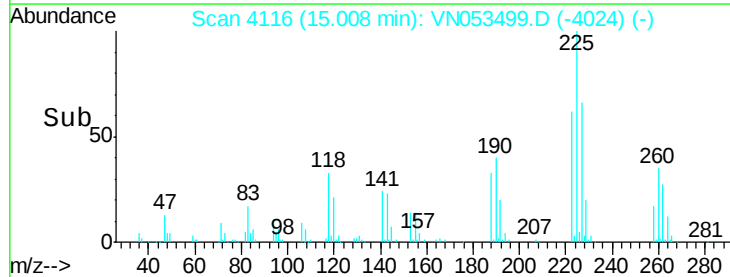
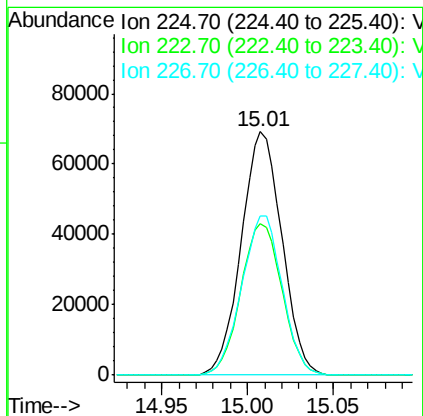
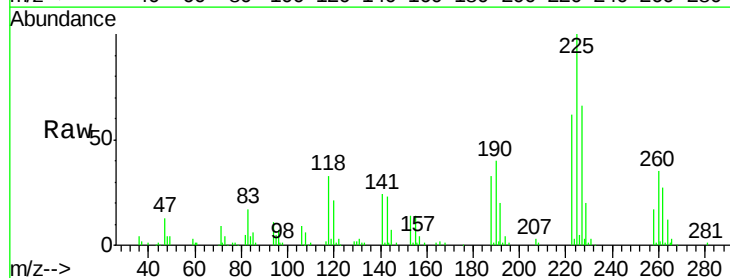
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121WBS01

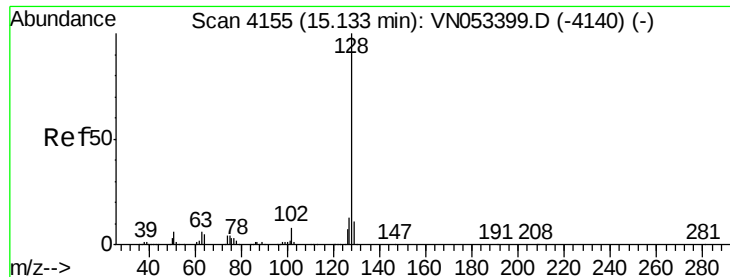
Tot Ion:180 Resp: 143163
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.1 144.3
 145 27.5 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 23.410 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053499.D
 Acq: 21 Jan 2019 11:52

Tgt Ion:225 Resp: 113500
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 65.3 32.0 96.2





#95

Naphthalene

Concen: 20.625 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0121WBS01

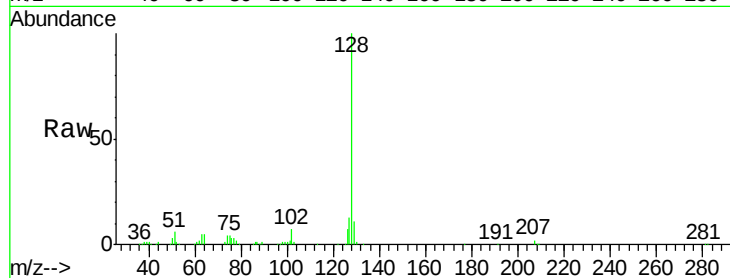
Tot Ion:128 Resp: 217930

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

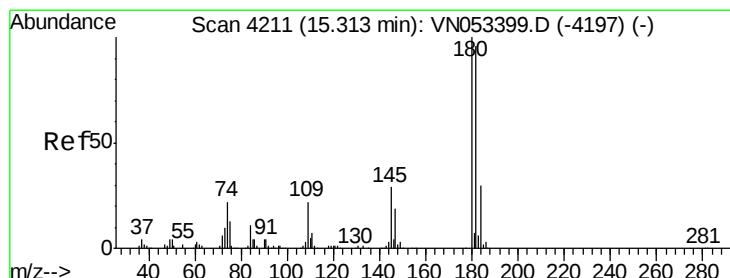
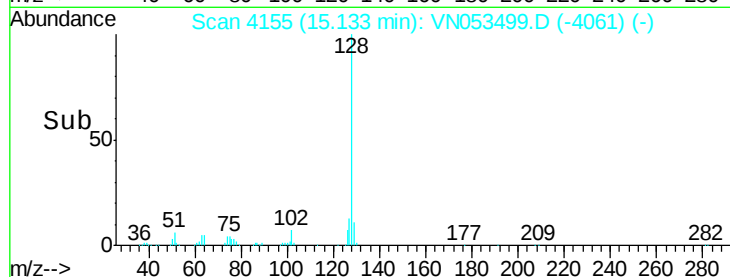
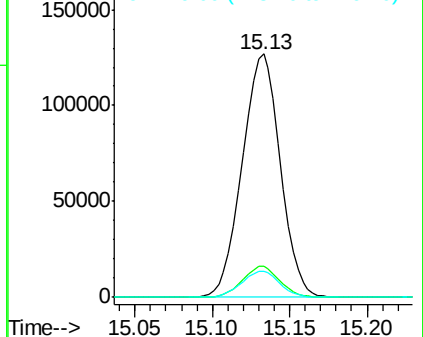
129 10.7 8.6 13.0



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: 22.424 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053499.D

Acq: 21 Jan 2019 11:52

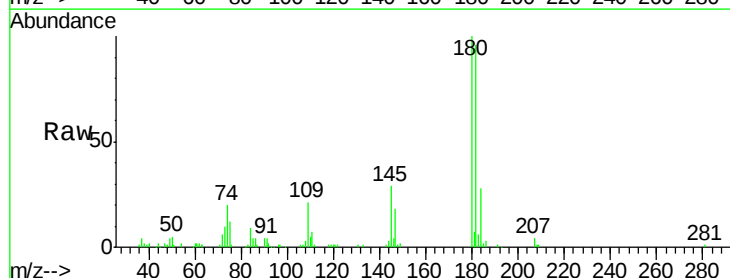
Tgt Ion:180 Resp: 100803

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 29.6 14.7 44.1



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

