

Data File : VN059541.D
Acq On : 10 Dec 2019 12:58
Operator : JC/SP
Sample : VN1210WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Quant Time: Dec 11 06:15:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	266168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	430569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	394774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	188618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	189672	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.57	113	133337	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.08	98	509636	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	185539	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57718	18.801	ug/l	99
3) Chloromethane	2.04	50	92182	19.836	ug/l	99
4) Vinyl Chloride	2.17	62	89199	19.473	ug/l	100
5) Bromomethane	2.54	94	54216	19.432	ug/l	98
6) Chloroethane	2.68	64	53742	19.648	ug/l	96
7) Trichlorofluoromethane	3.00	101	108208	19.761	ug/l	100
8) Diethyl Ether	3.39	74	33249	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	53080	18.626	ug/l	100
10) Methyl Iodide	3.93	142	71033	18.409	ug/l	100
11) Tert butyl alcohol	4.76	59	61937	100.640	ug/l	100
12) 1,1-Dichloroethene	3.71	96	51667	18.650	ug/l	96
13) Acrolein	3.58	56	43728	146.010	ug/l	98
14) Allyl chloride	4.30	41	102053	19.150	ug/l	98
15) Acrylonitrile	4.96	53	165826	102.162	ug/l	98
16) Acetone	3.79	43	160020	92.083	ug/l	99
17) Carbon Disulfide	4.03	76	169286	18.946	ug/l	99
18) Methyl Acetate	4.30	43	86111	18.874	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	185812	20.178	ug/l	99
20) Methylene Chloride	4.53	84	63042	19.967	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	58613	19.713	ug/l	94
22) Diisopropyl ether	5.92	45	201090	19.821	ug/l	98
23) Vinyl Acetate	5.87	43	851396	100.605	ug/l	100
24) 1,1-Dichloroethane	5.82	63	113613	19.724	ug/l	98
25) 2-Butanone	6.81	43	227048	97.066	ug/l	98
26) 2,2-Dichloropropane	6.80	77	100913	19.393	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	66566	19.904	ug/l	98
28) Bromochloromethane	7.17	49	45932	22.695	ug/l	96
29) Tetrahydrofuran	7.19	42	156377	96.111	ug/l	99
30) Chloroform	7.35	83	111856	19.676	ug/l	98
31) Cyclohexane	7.63	56	103621	18.486	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	99757	19.781	ug/l	99
36) 1,1-Dichloropropene	7.77	75	85044	19.252	ug/l	99
37) Ethyl Acetate	6.90	43	96653	19.723	ug/l	100
38) Carbon Tetrachloride	7.75	117	87568	20.111	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	97173	19.610	ug/l	97
40) Benzene	8.02	78	251044	19.893	ug/l	100
41) Methacrylonitrile	7.15	41	39440	18.372	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	97204	20.674	ug/l	100
43) Isopropyl Acetate	8.15	43	151948	19.926	ug/l	99
44) Trichloroethene	8.82	130	64304	20.170	ug/l	96
45) 1,2-Dichloropropane	9.11	63	67196	20.100	ug/l	97
46) Dibromomethane	9.20	93	43235	19.569	ug/l	99
47) Bromodichloromethane	9.39	83	88150	20.076	ug/l	99
48) Methyl methacrylate	9.19	41	66307	19.887	ug/l	99
49) 1,4-Dioxane	9.19	88	20027	469.459	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	470943	96.703	ug/l	99
52) Toluene	10.15	92	150445	20.009	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	99251	19.400	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	105541	20.157	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	59888	19.694	ug/l	98
56) Ethyl methacrylate	10.42	69	87462	18.113	ug/l	99
57) 1,3-Dichloropropane	10.70	76	104851	20.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	147052	118.040	ug/l	99
59) 2-Hexanone	10.75	43	349536	95.829	ug/l	98
60) Dibromochloromethane	10.90	129	65338	18.673	ug/l	99
61) 1,2-Dibromoethane	11.00	107	62074	19.608	ug/l	100
64) Tetrachloroethene	10.62	164	55975	19.401	ug/l	99
65) Chlorobenzene	11.43	112	160819	19.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	60339	19.558	ug/l	99
67) Ethyl Benzene	11.51	91	286998	19.281	ug/l	99
68) m/p-Xylenes	11.62	106	213237	38.188	ug/l	97
69) o-Xylene	11.95	106	100214	19.282	ug/l	95
70) Styrene	11.96	104	158531	18.412	ug/l	96
71) Bromoform	12.13	173	45685	18.820	ug/l #	98
73) Isopropylbenzene	12.25	105	273166	19.307	ug/l	99
74) N-amyl acetate	12.07	43	121487	19.712	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	91438	19.073	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127298	26.392	ug/l #	100
77) Bromobenzene	12.53	156	66072	18.758	ug/l	94
78) n-propylbenzene	12.59	91	331924	19.091	ug/l	99
79) 2-Chlorotoluene	12.67	91	195577	18.865	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	233124	19.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	32196	17.959	ug/l #	86
82) 4-Chlorotoluene	12.77	91	203511	19.198	ug/l	99
83) tert-Butylbenzene	12.99	119	196339	19.406	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	234083	19.540	ug/l	99
85) sec-Butylbenzene	13.17	105	270000	19.429	ug/l	99
86) p-Isopropyltoluene	13.29	119	244939	19.721	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	121612	18.745	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	121095	19.063	ug/l	98
89) n-Butylbenzene	13.62	91	224367	19.238	ug/l	98
90) Hexachloroethane	13.88	117	46065	20.195	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	119280	19.592	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21440	20.772	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121019\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73643	17.488	ug/l	99
94) Hexachlorobutadiene	15.01	225	40932	19.026	ug/l	98
95) Naphthalene	15.13	128	208535	16.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72847	19.314	ug/l	99

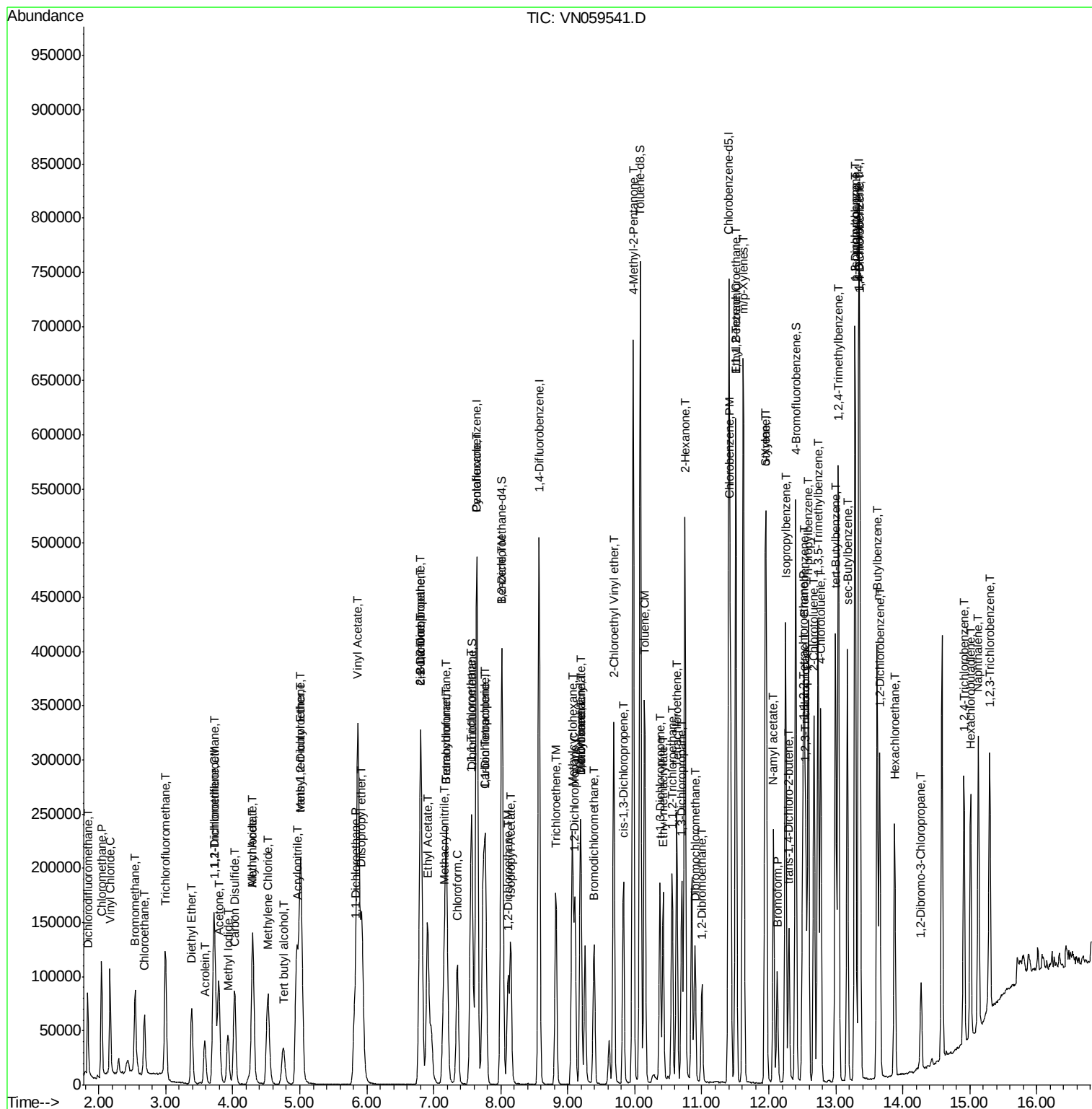
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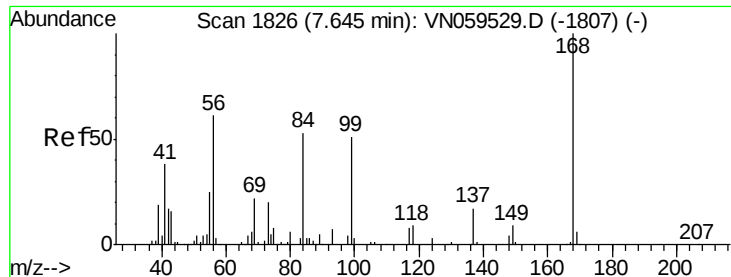
Data File : VN059541.D

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Acq On       : 10 Dec 2019   12:58
Operator    : JC/SP
Sample      : VN1210WS01
Misc       : 5.00mL/MSVOA_N/WATER
ALS Vial    : 6      Sample Multiplier: 1
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Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

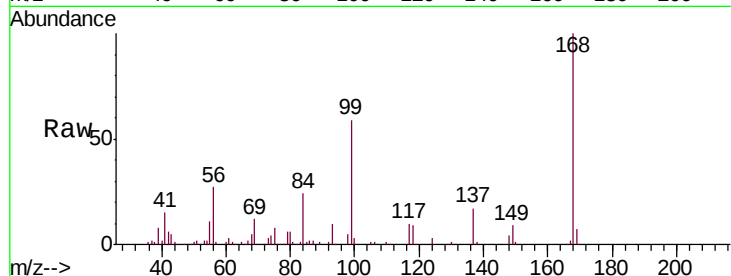
VN1210WBS01

Tgt Ion:168 Resp: 266168

Ion Ratio Lower Upper

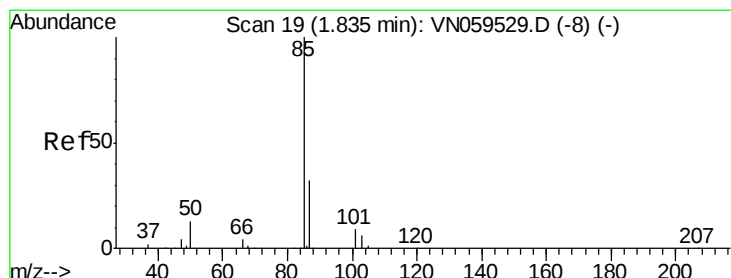
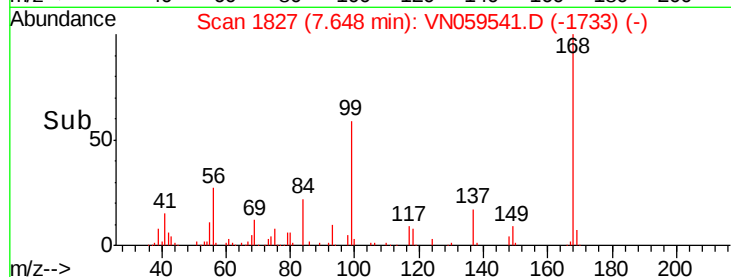
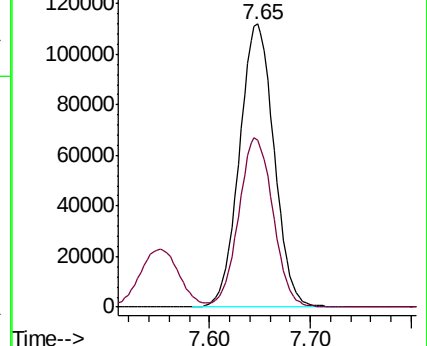
168 100

99 58.9 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.801 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059541.D

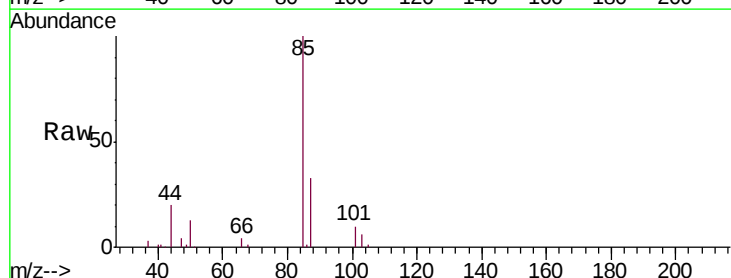
Acq: 10 Dec 2019 12:58

Tgt Ion: 85 Resp: 57718

Ion Ratio Lower Upper

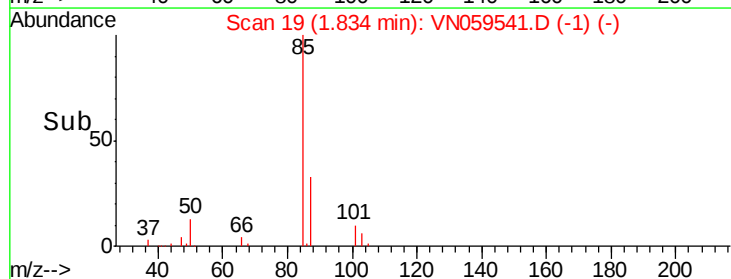
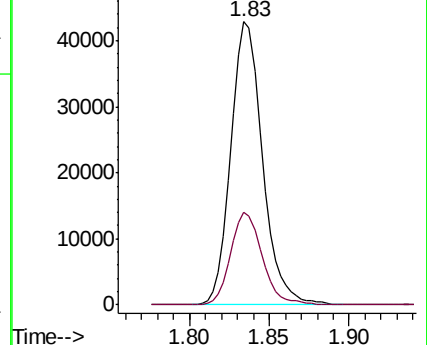
85 100

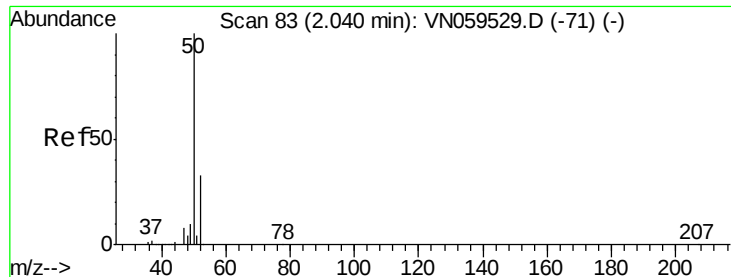
87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.836 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

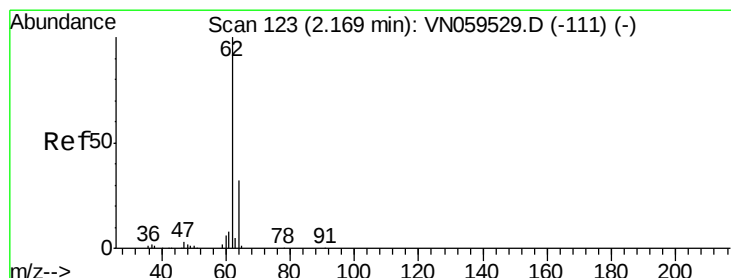
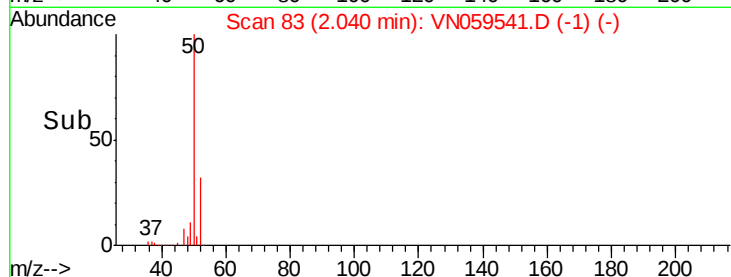
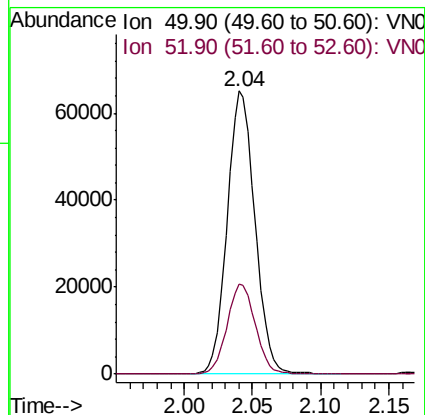
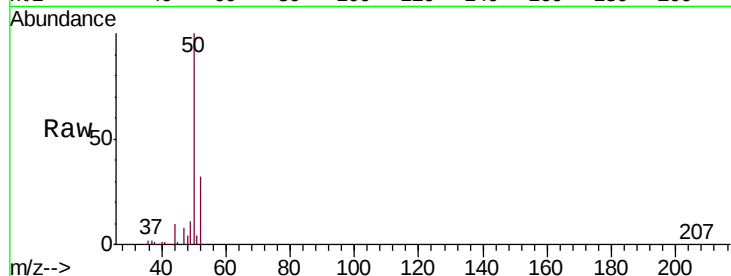
VN1210WBS01

Tgt Ion: 50 Resp: 92182

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



#4

Vinyl Chloride

Concen: 19.473 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059541.D

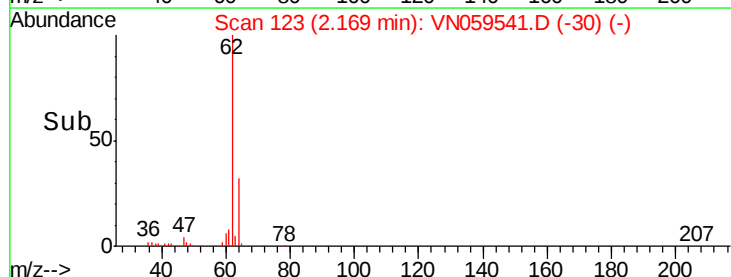
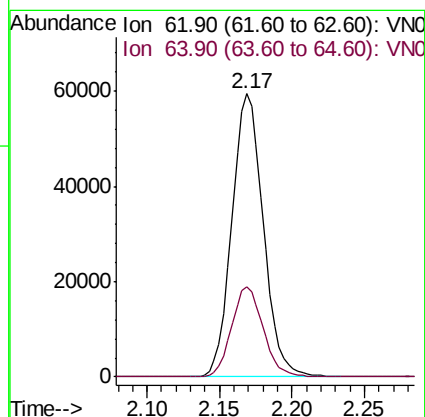
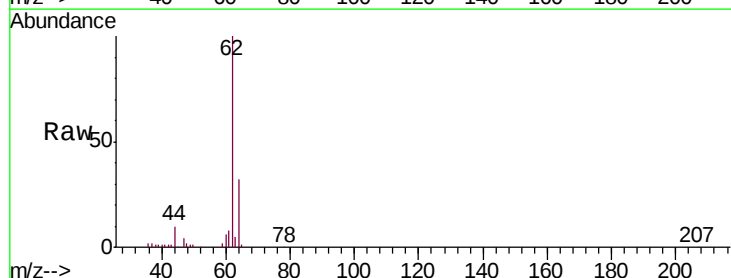
Acq: 10 Dec 2019 12:58

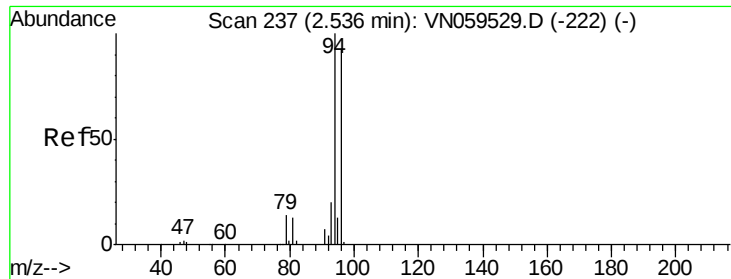
Tgt Ion: 62 Resp: 89199

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 19.432 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

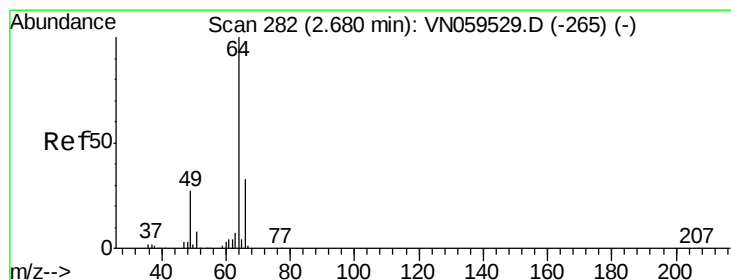
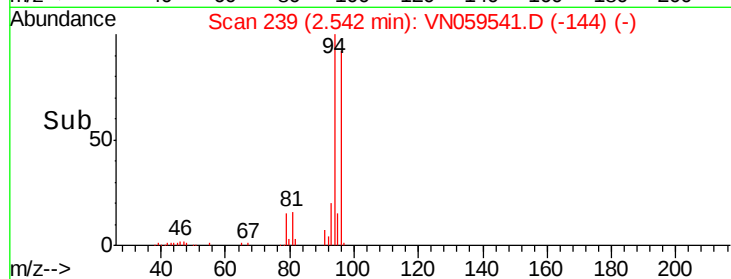
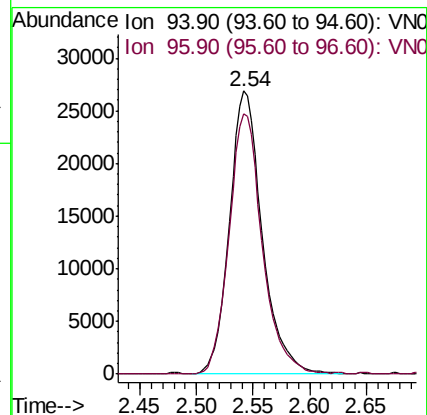
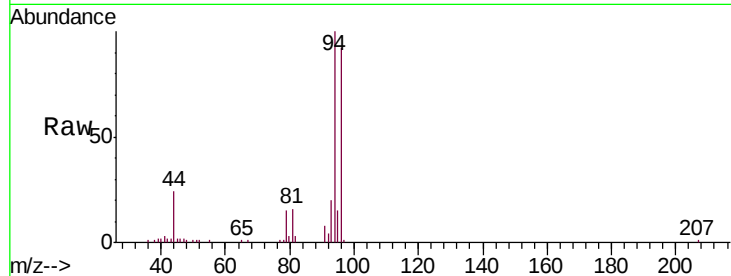
VN1210WBS01

Tgt Ion: 94 Resp: 54216

Ion Ratio Lower Upper

94 100

96 91.8 74.6 112.0



#6

Chloroethane

Concen: 19.648 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059541.D

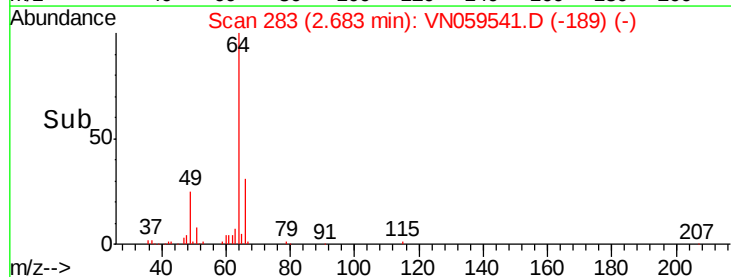
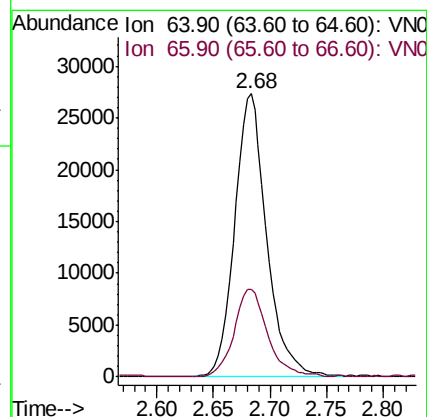
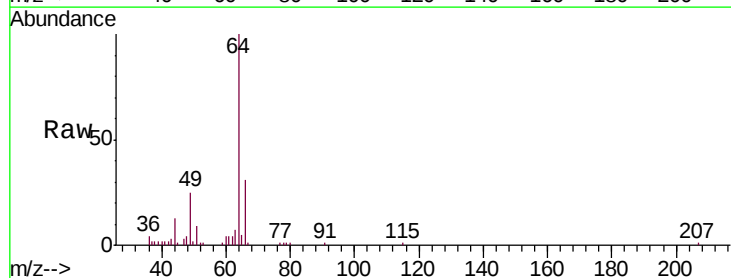
Acq: 10 Dec 2019 12:58

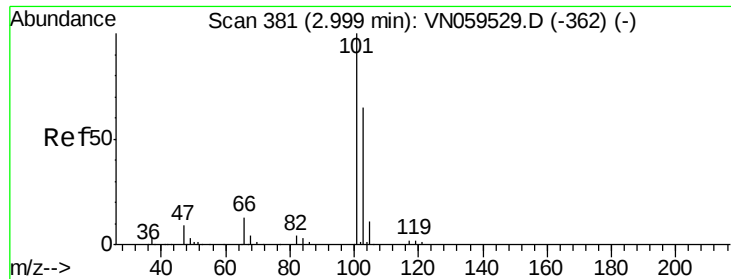
Tgt Ion: 64 Resp: 53742

Ion Ratio Lower Upper

64 100

66 31.0 26.7 40.1



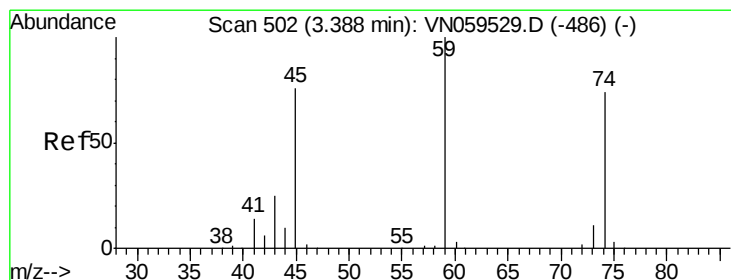
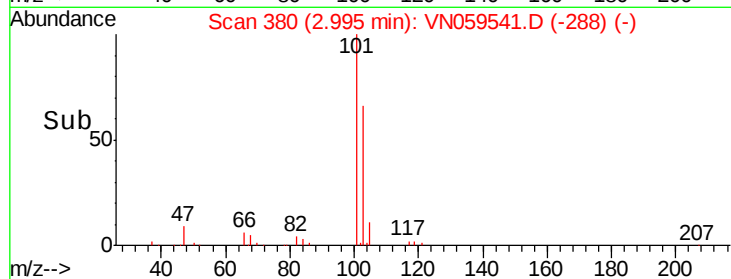
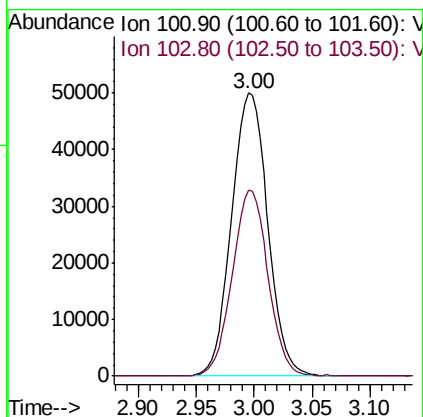
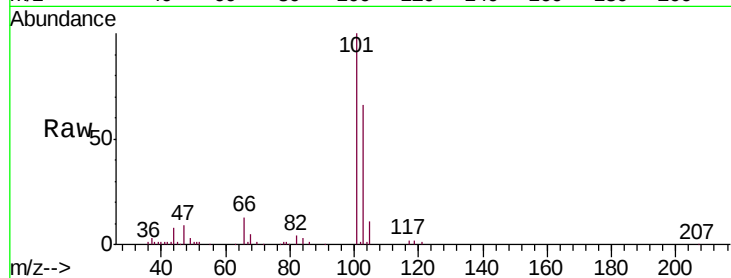


#7

Trichlorofluoromethane
 Concen: 19.761 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Instrument :
 MSVOA_N
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 VN1210WBS01

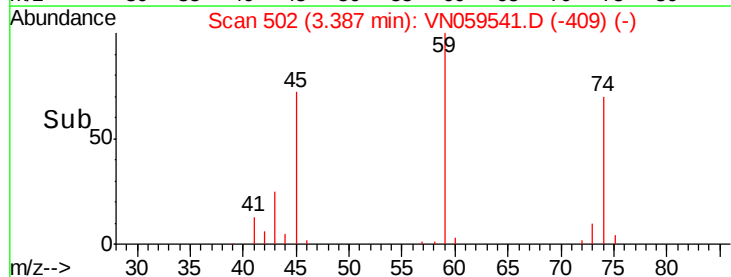
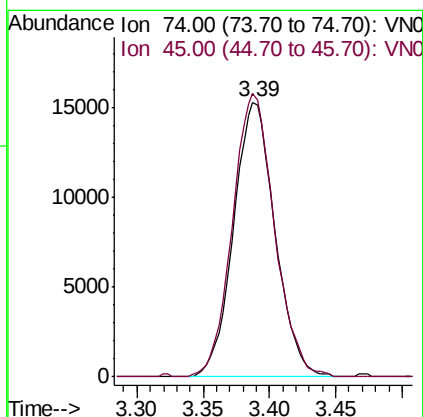
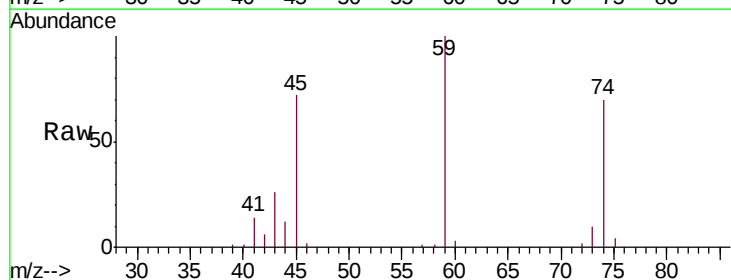
Tgt Ion:101 Resp: 108208
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.4

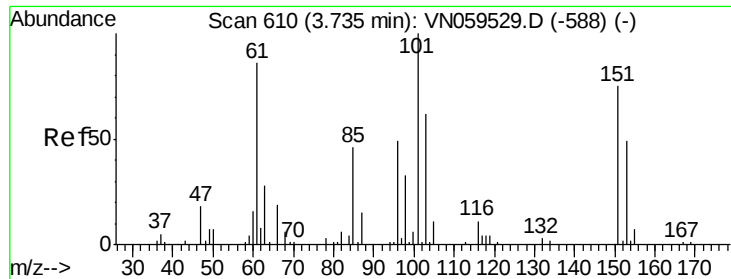


#8

Diethyl Ether
 Concen: 17.718 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion: 74 Resp: 33249
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.6 157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.626 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

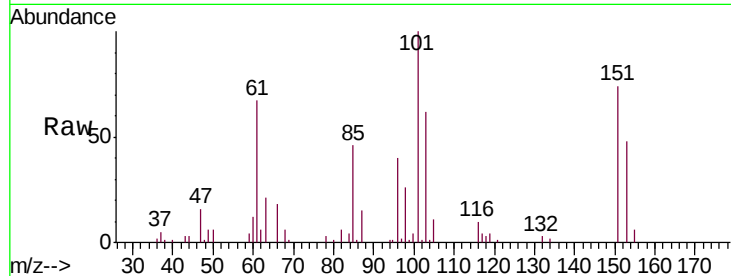
Tgt Ion:101 Resp: 53080

Ion Ratio Lower Upper

101 100

85 45.6 36.6 54.8

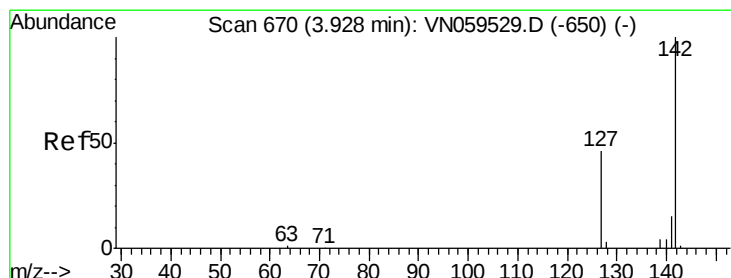
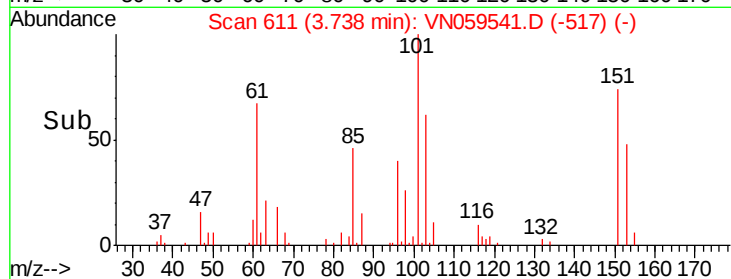
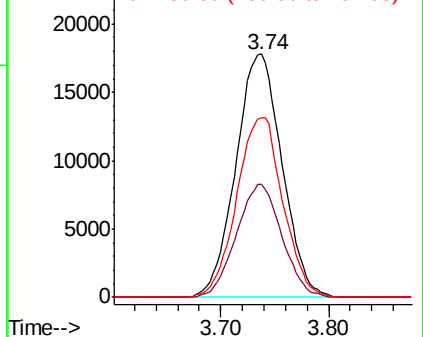
151 73.7 59.3 88.9



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: 18.409 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

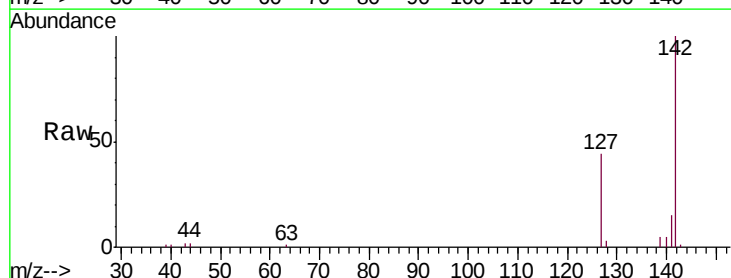
Tgt Ion:142 Resp: 71033

Ion Ratio Lower Upper

142 100

127 45.4 36.6 54.8

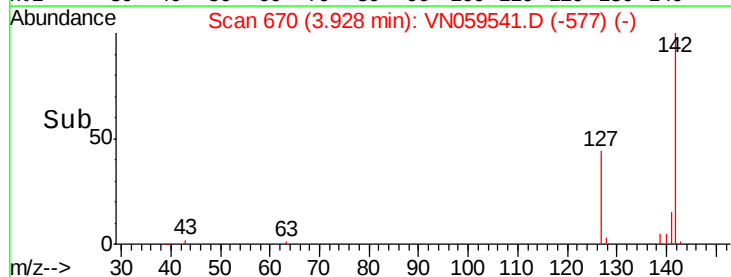
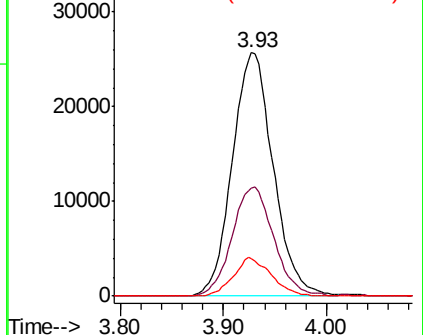
141 14.6 11.6 17.4

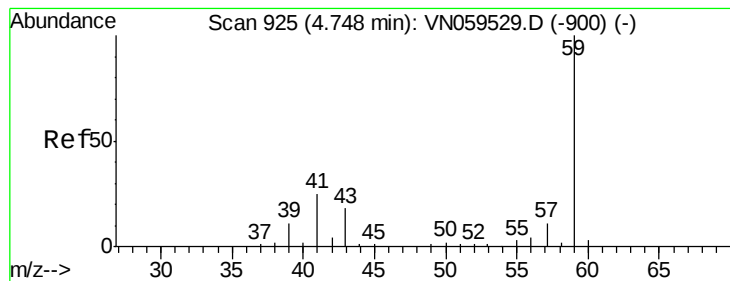


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



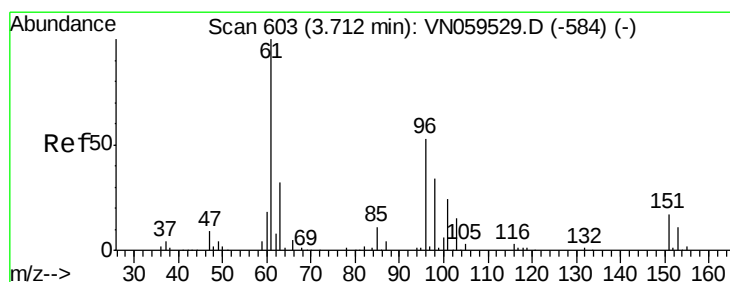
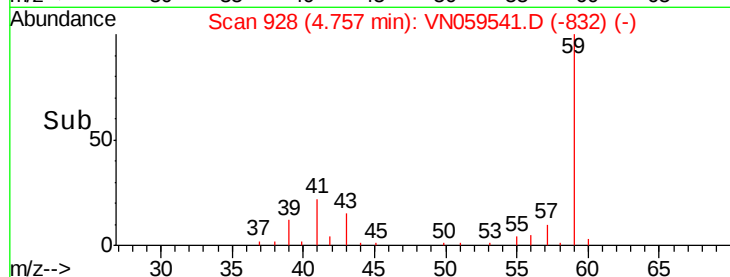
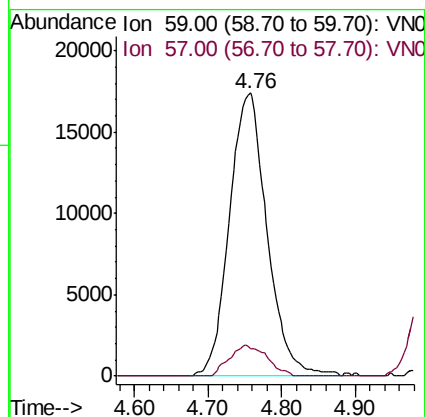
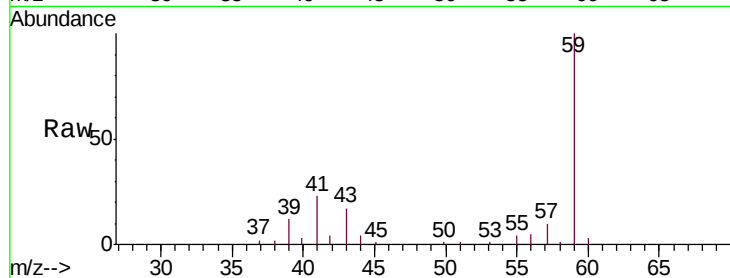


#11

Tert butyl alcohol
 Concen: 100.640 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

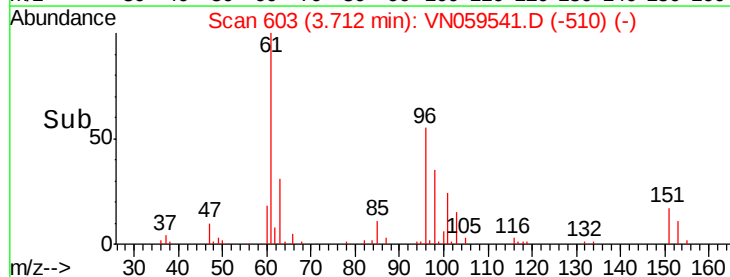
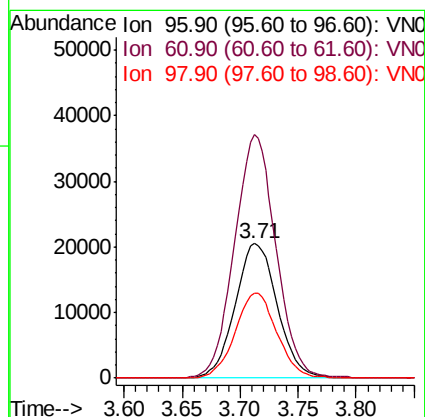
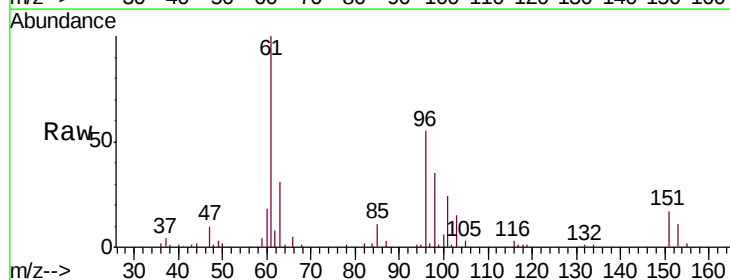
Tgt Ion: 59 Resp: 61937
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 13.0

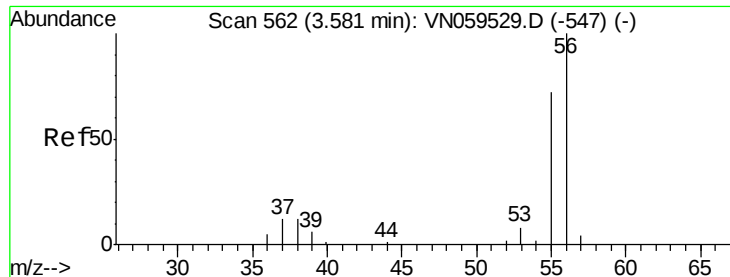


#12

1,1-Dichloroethene
 Concen: 18.650 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion: 96 Resp: 51667
 Ion Ratio Lower Upper
 96 100
 61 179.9 149.8 224.6
 98 63.4 50.6 75.8





#13

Acrolein

Concen: 146.010 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

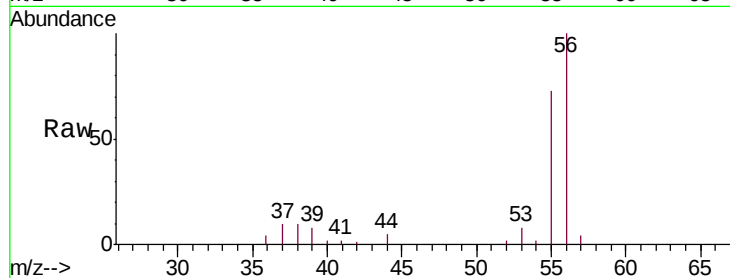
VN1210WBS01

Tgt Ion: 56 Resp: 43728

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

20000

15000

10000

5000

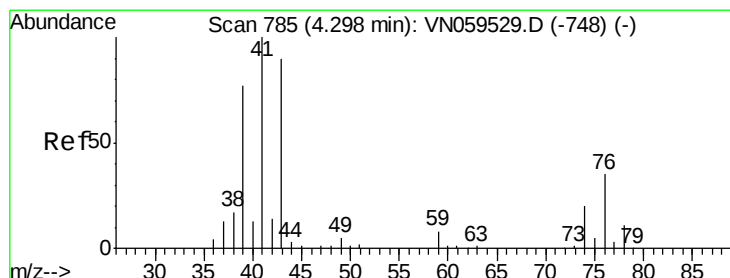
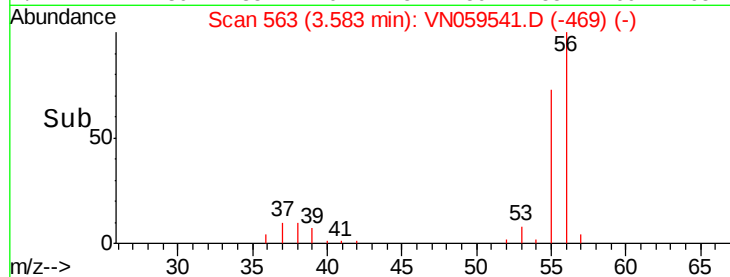
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 19.150 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

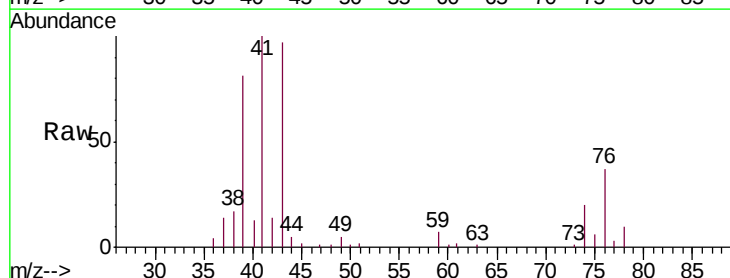
Tgt Ion: 41 Resp: 102053

Ion Ratio Lower Upper

41 100

39 73.3 56.7 85.1

76 31.7 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

40000

30000

20000

10000

0

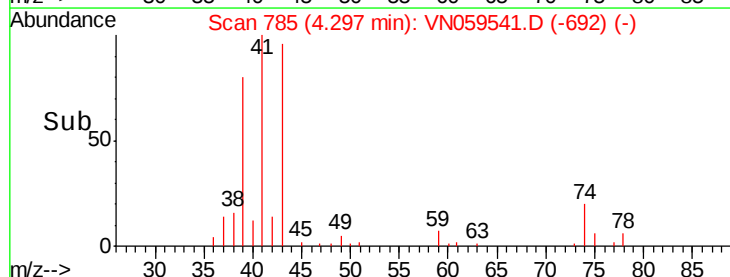
Time-->

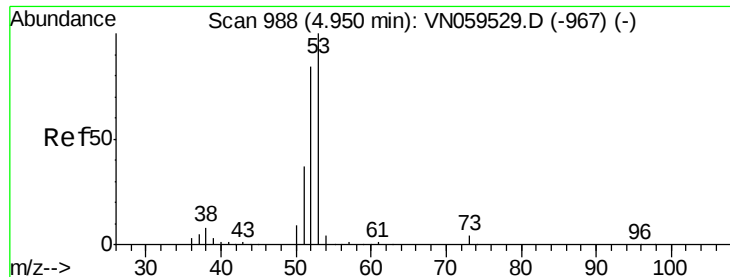
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 102.162 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.01 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

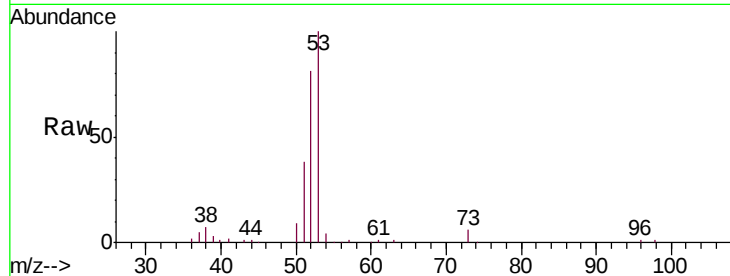
Tgt Ion: 53 Resp: 165826

Ion Ratio Lower Upper

53 100

52 80.5 66.6 99.8

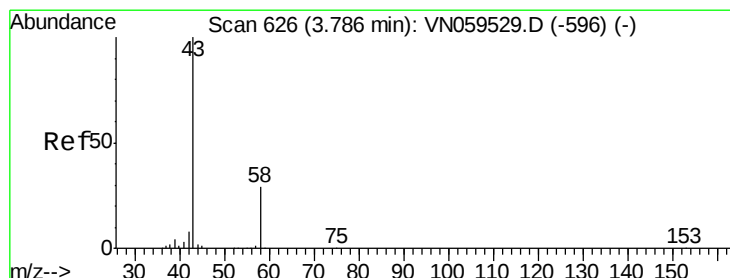
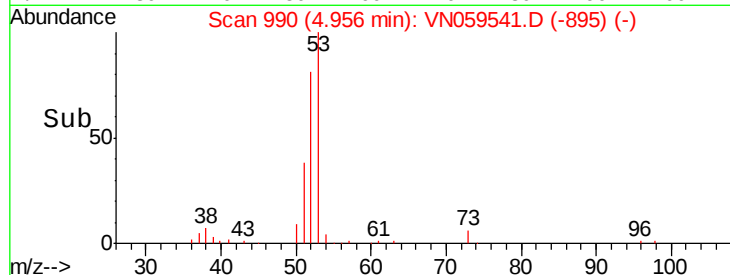
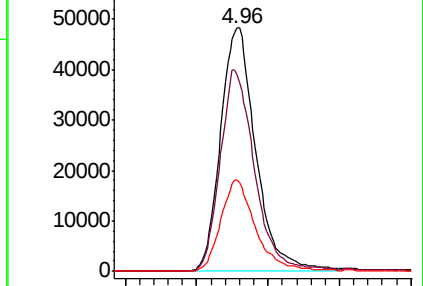
51 37.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN059529.D (-967) (-)

Ion 52.00 (51.70 to 52.70): VN059529.D (-967) (-)

Ion 51.00 (50.70 to 51.70): VN059529.D (-967) (-)



#16

Acetone

Concen: 92.083 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059541.D

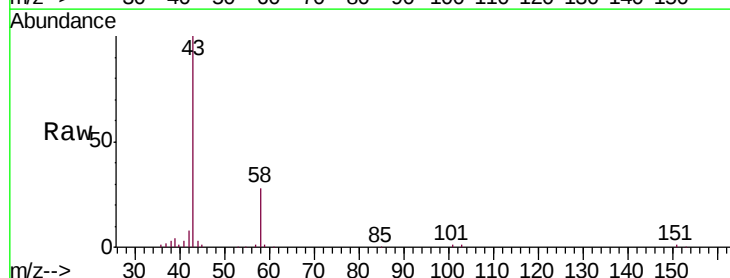
Acq: 10 Dec 2019 12:58

Tgt Ion: 43 Resp: 160020

Ion Ratio Lower Upper

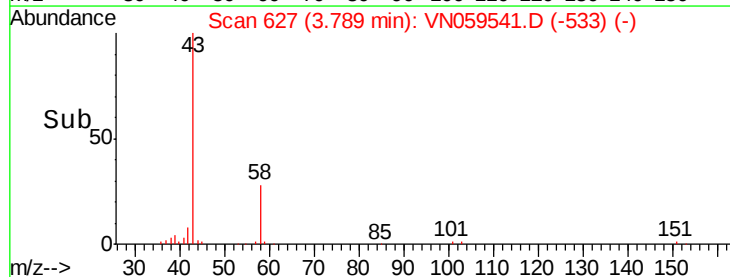
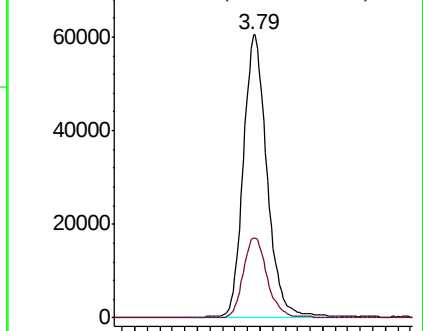
43 100

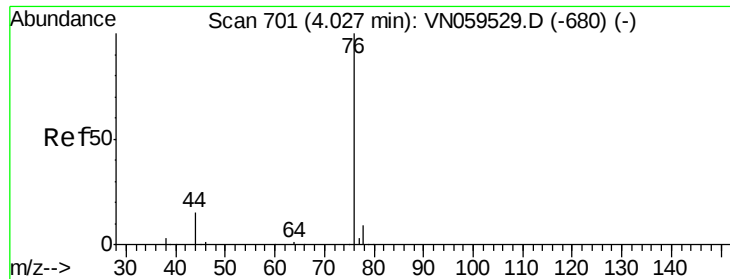
58 28.1 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-596) (-)

Ion 58.00 (57.70 to 58.70): VN059529.D (-596) (-)

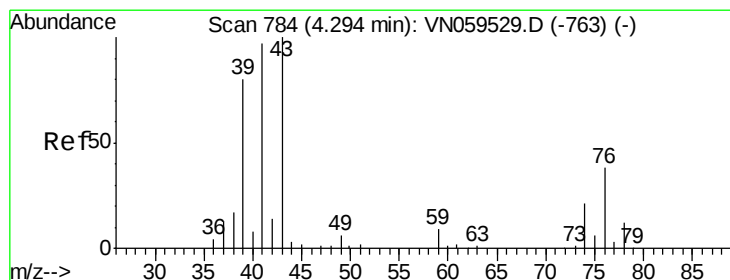
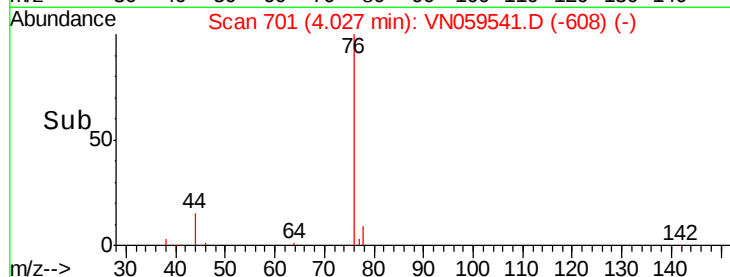
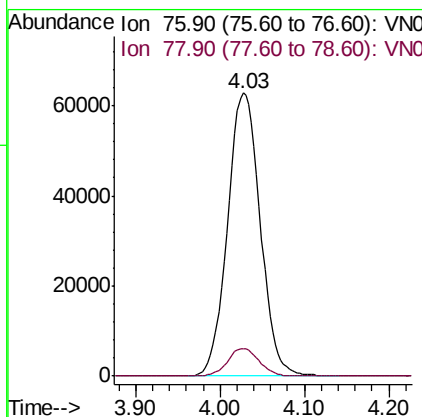
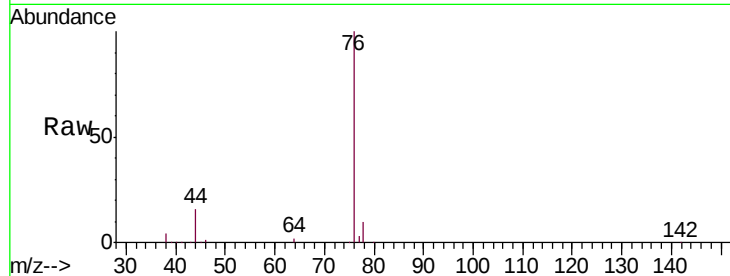




#17
Carbon Disulfide
Concen: 18.946 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

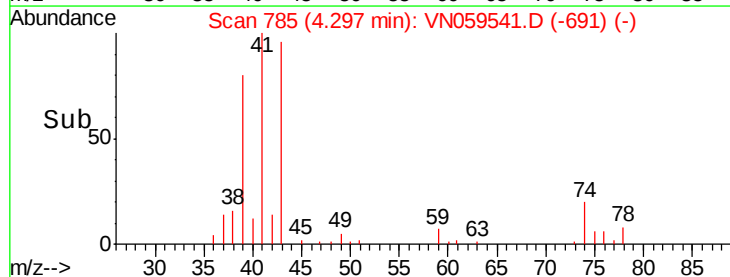
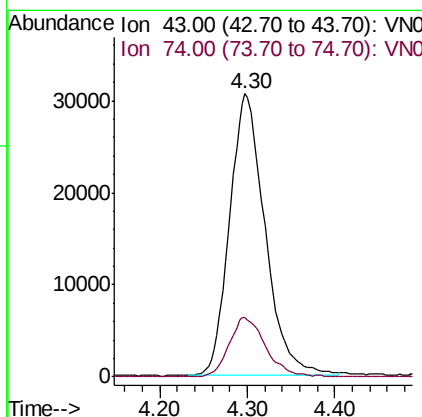
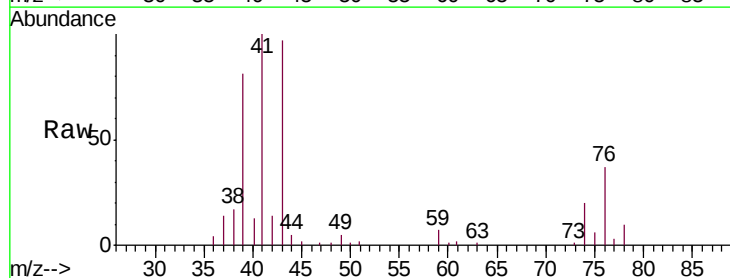
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

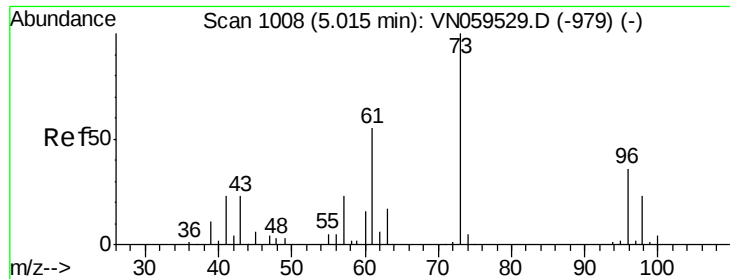
Tgt Ion: 76 Resp: 169286
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 18.874 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 43 Resp: 86111
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3

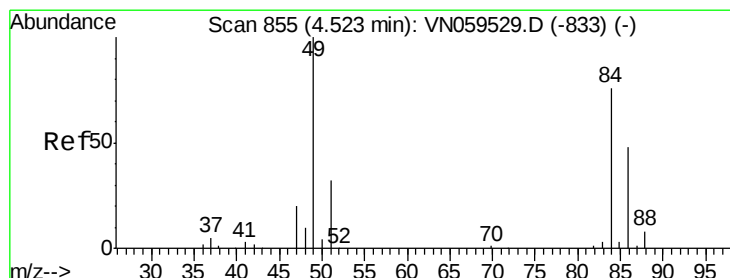
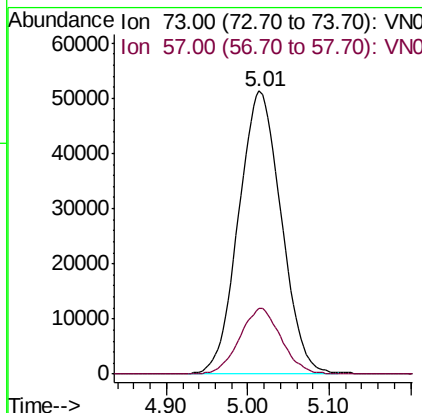
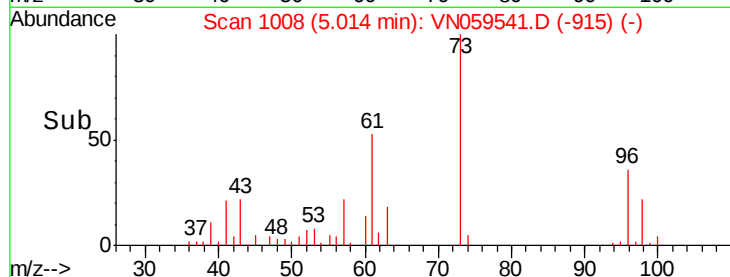
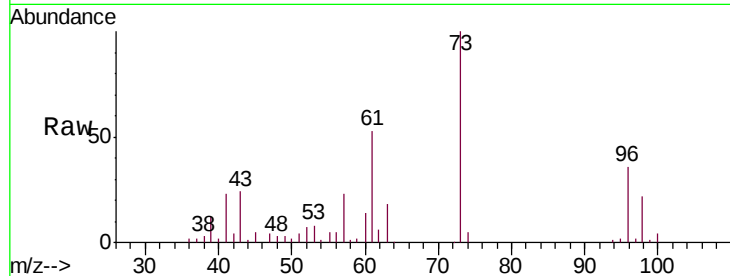




#19
Methyl tert-butyl Ether
Concen: 20.178 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

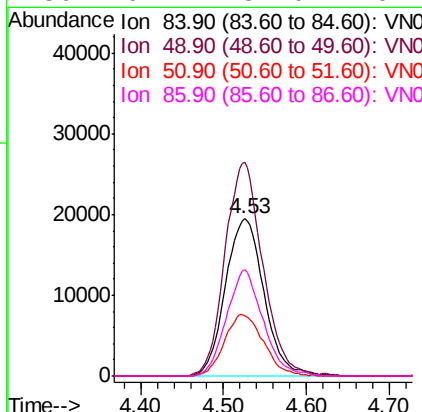
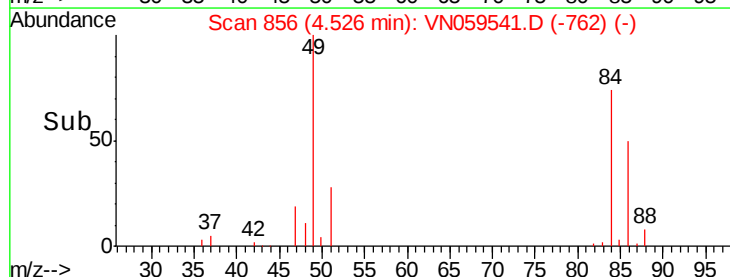
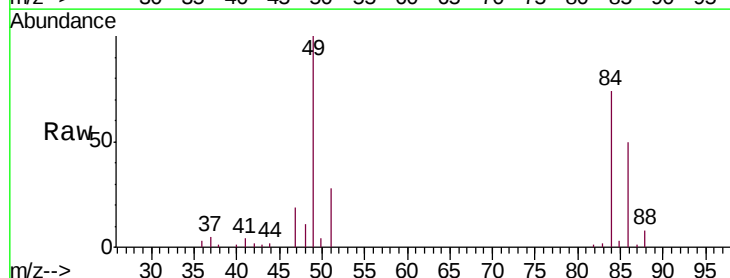
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

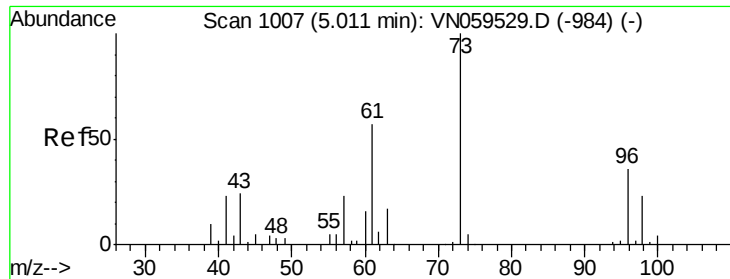
Tgt Ion: 73 Resp: 185812
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 19.967 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 84 Resp: 63042
Ion Ratio Lower Upper
84 100
49 136.0 105.8 158.8
51 38.3 33.7 50.5
86 67.7 51.0 76.4

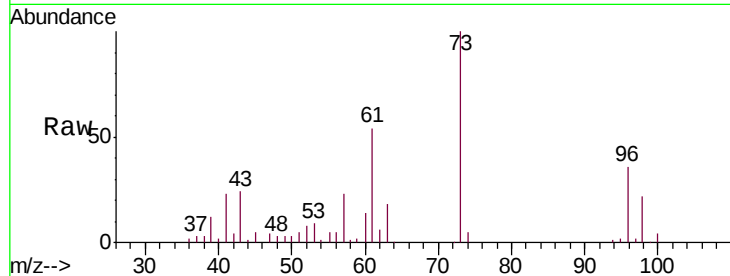




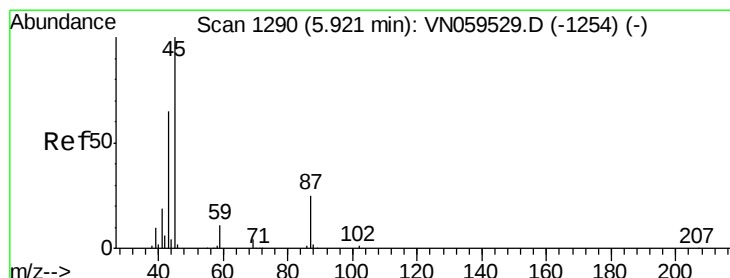
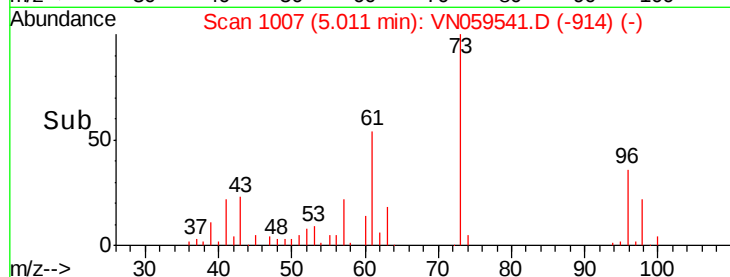
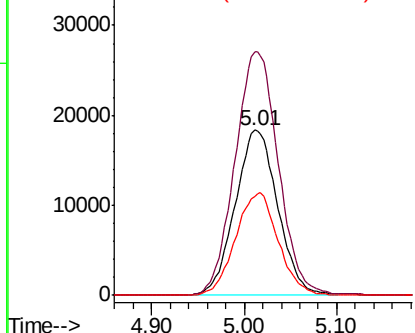
#21
trans-1,2-Dichloroethene
Concen: 19.713 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion: 96 Resp: 58613
Ion Ratio Lower Upper
96 100
61 147.6 124.8 187.2
98 60.3 51.0 76.4

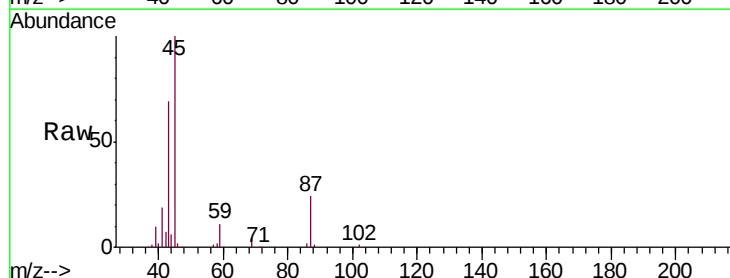


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

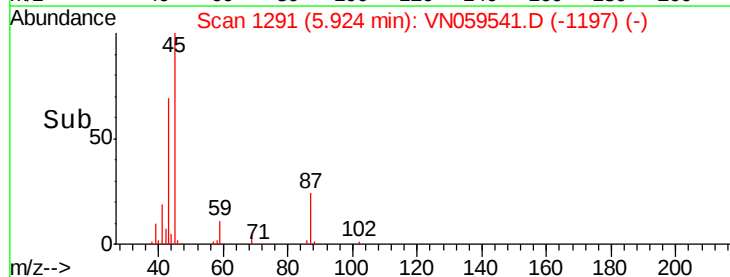
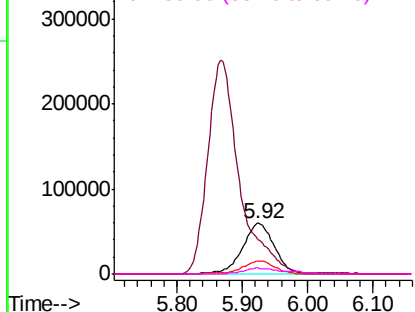


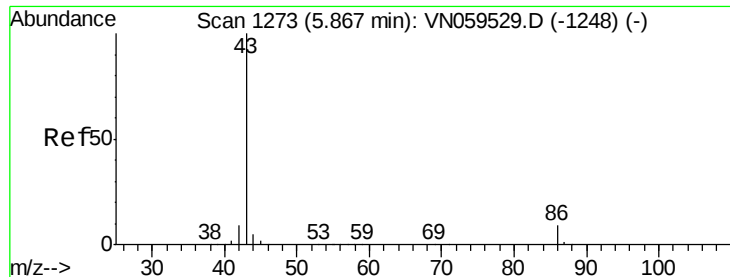
#22
Diisopropyl ether
Concen: 19.821 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 45 Resp: 201090
Ion Ratio Lower Upper
45 100
43 67.7 52.8 79.2
87 24.3 20.2 30.4
59 11.2 9.1 13.7



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





#23

Vinyl Acetate

Concen: 100.605 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

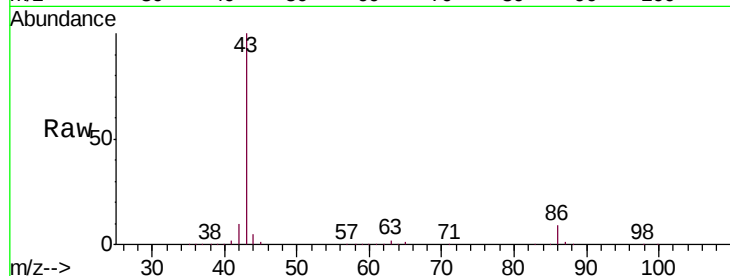
VN1210WBS01

Tgt Ion: 43 Resp: 851396

Ion Ratio Lower Upper

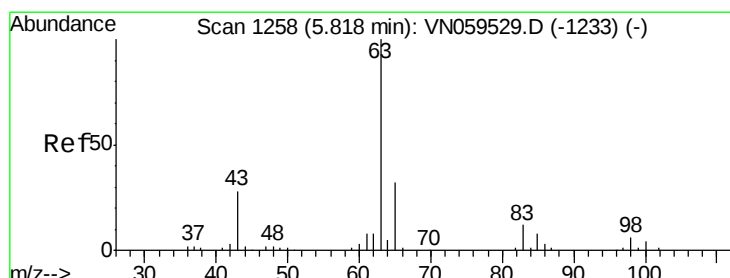
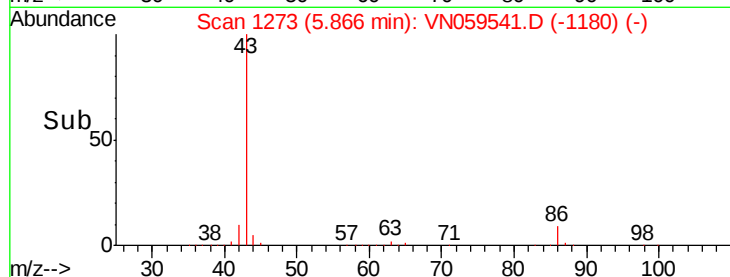
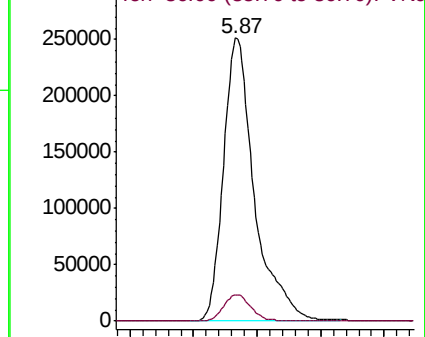
43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN059541.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059541.D (-1180) (-)



#24

1,1-Dichloroethane

Concen: 19.724 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

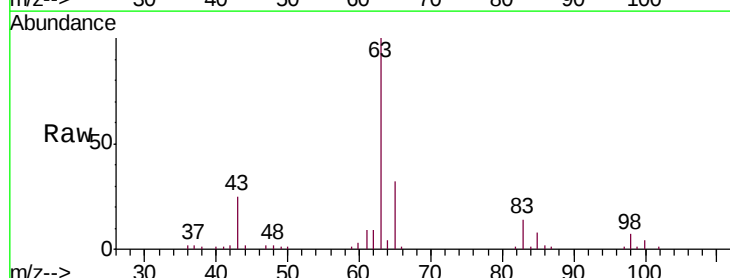
Tgt Ion: 63 Resp: 113613

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.0

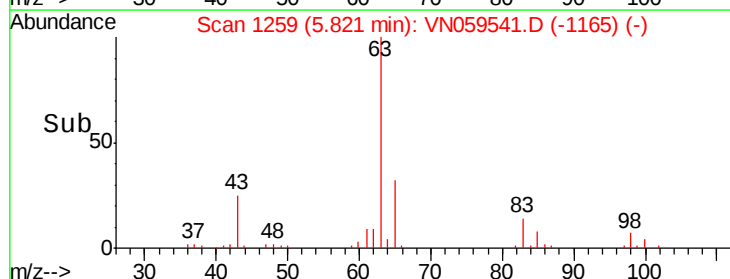
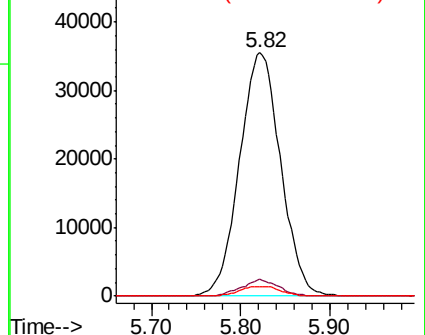
100 4.0 1.8 5.3

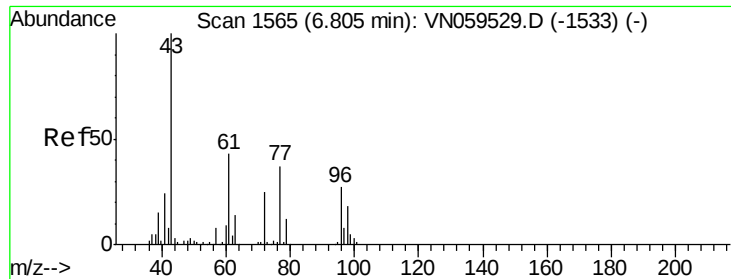


Abundance Ion 62.90 (62.60 to 63.60): VN059541.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059541.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059541.D (-1165) (-)

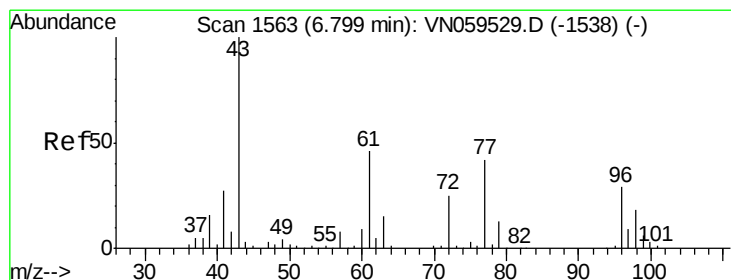
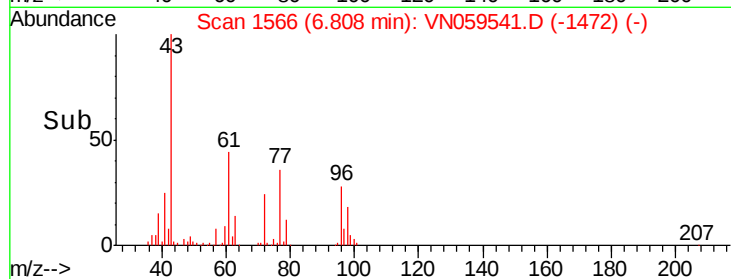
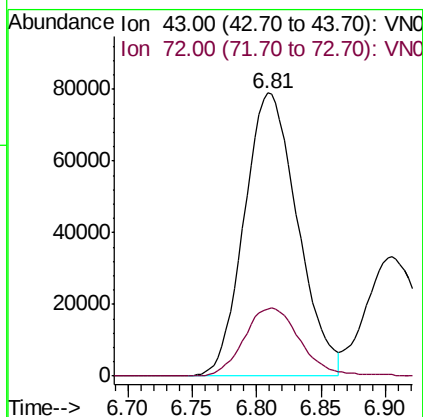
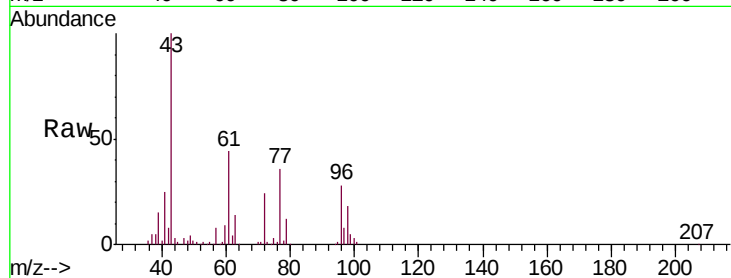




#25
2-Butanone
Concen: 97.066 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

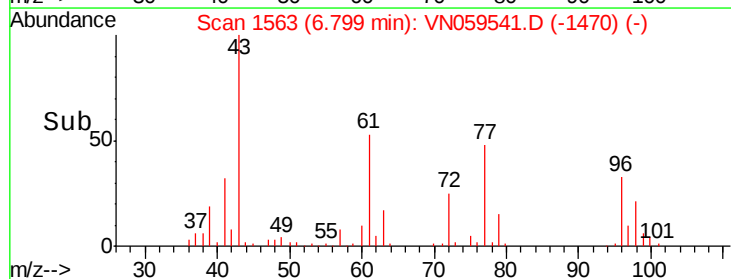
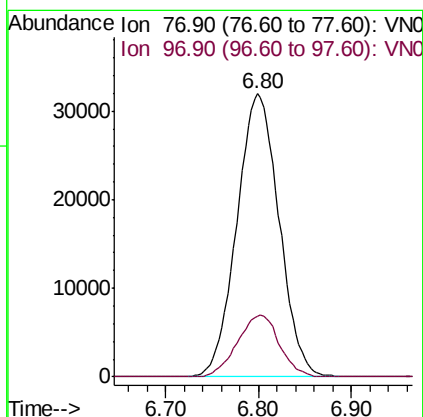
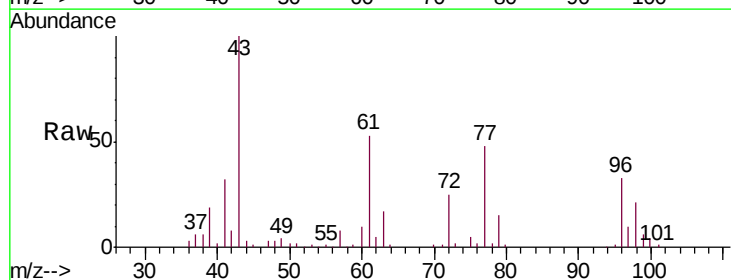
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

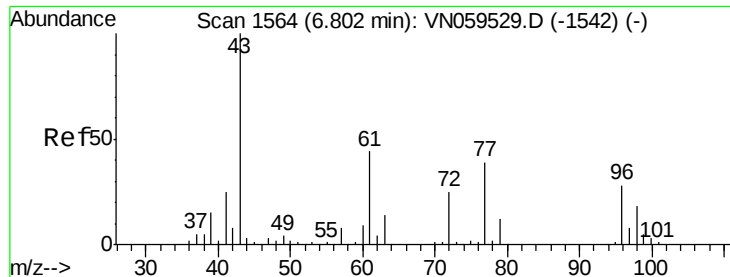
Tgt Ion: 43 Resp: 227048
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.393 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 77 Resp: 100913
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.904 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

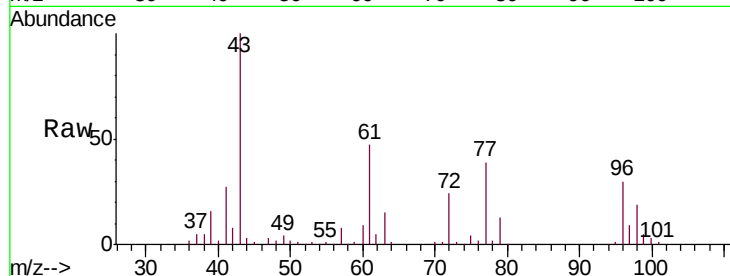
Tgt Ion: 96 Resp: 66566

Ion Ratio Lower Upper

96 100

61 157.5 0.0 320.0

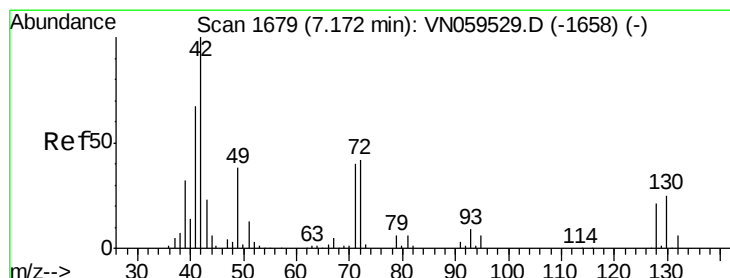
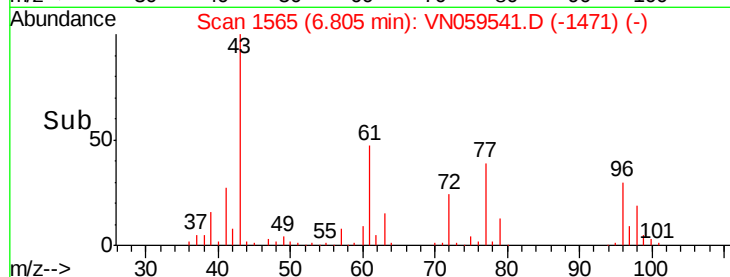
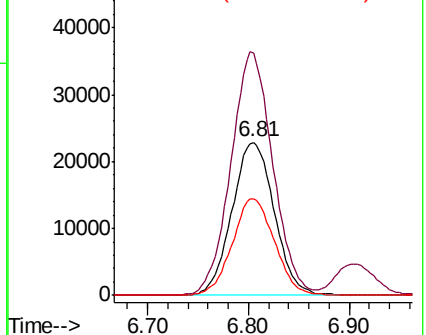
98 63.0 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN059529.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059529.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059529.D (-1542) (-)



#28

Bromochloromethane

Concen: 22.695 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

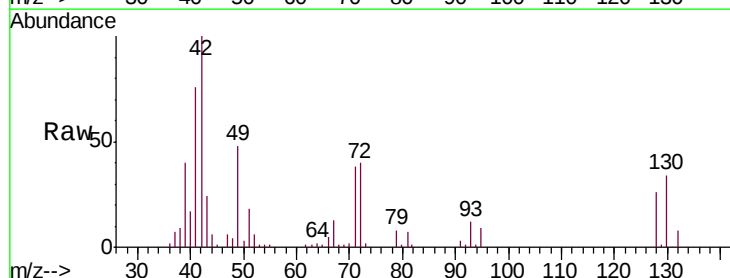
Tgt Ion: 49 Resp: 45932

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.0

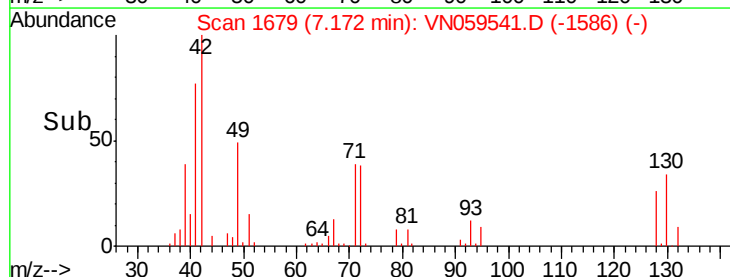
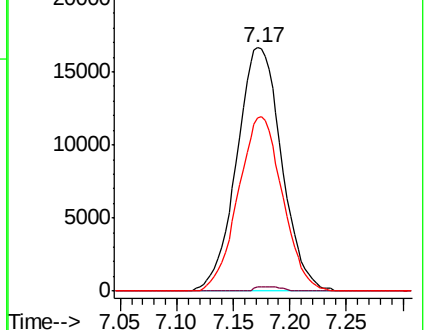
130 70.7 54.2 81.2

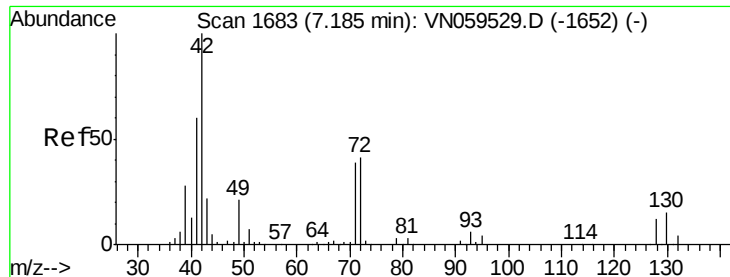


Abundance Ion 48.90 (48.60 to 49.60): VN059529.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN059529.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN059529.D (-1658) (-)





#29

Tetrahydrofuran

Concen: 96.111 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

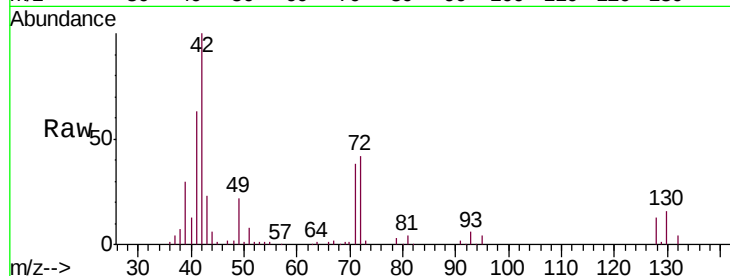
Tgt Ion: 42 Resp: 156377

Ion Ratio Lower Upper

42 100

72 40.8 32.7 49.1

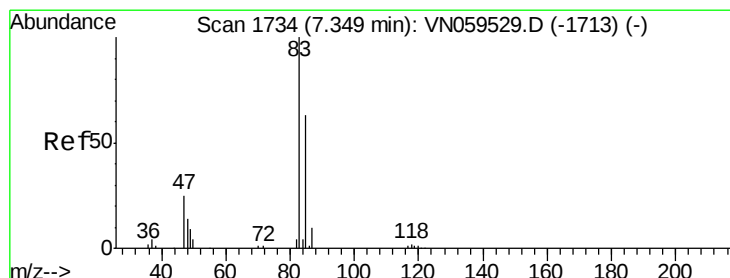
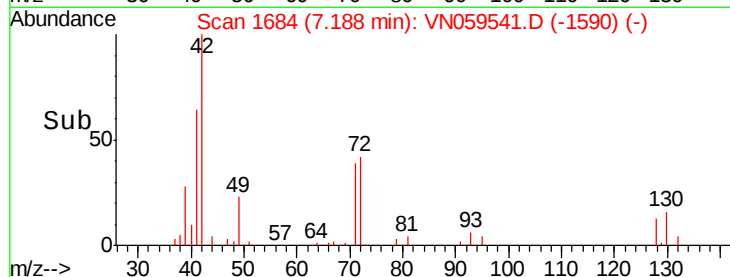
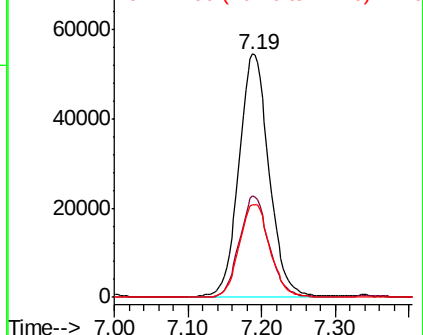
71 38.7 31.4 47.2



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.676 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN059541.D

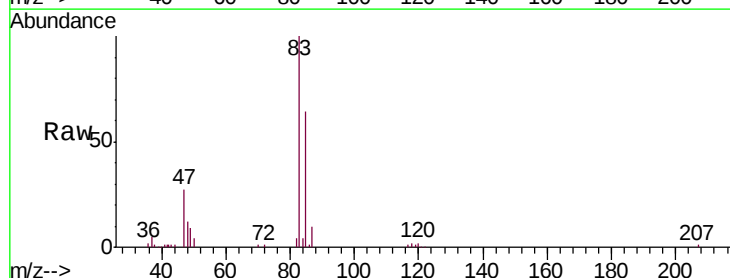
Acq: 10 Dec 2019 12:58

Tgt Ion: 83 Resp: 111856

Ion Ratio Lower Upper

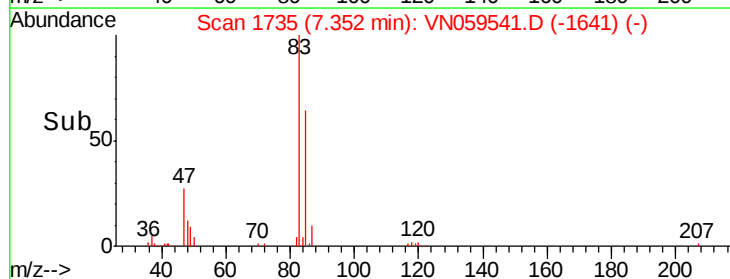
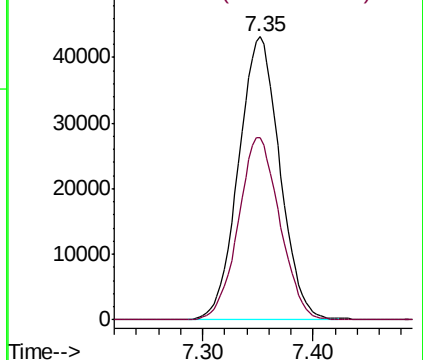
83 100

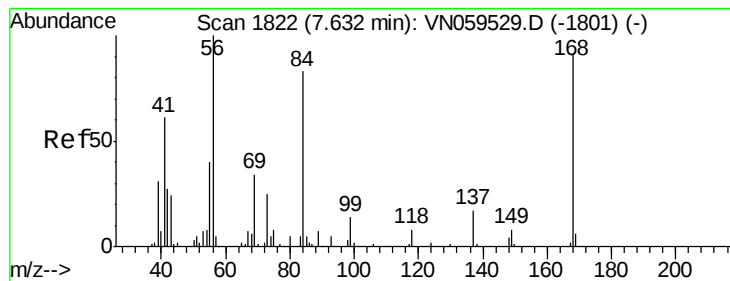
85 64.4 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.486 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

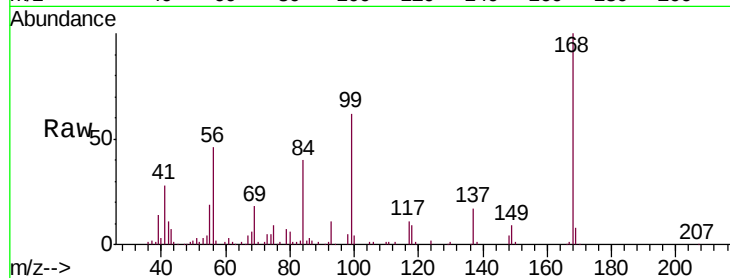
Tgt Ion: 56 Resp: 103621

Ion Ratio Lower Upper

56 100

69 38.3 26.9 40.3

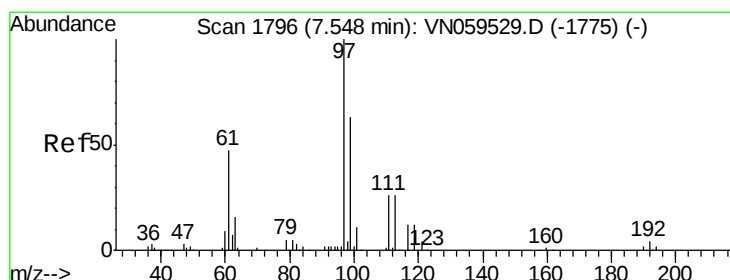
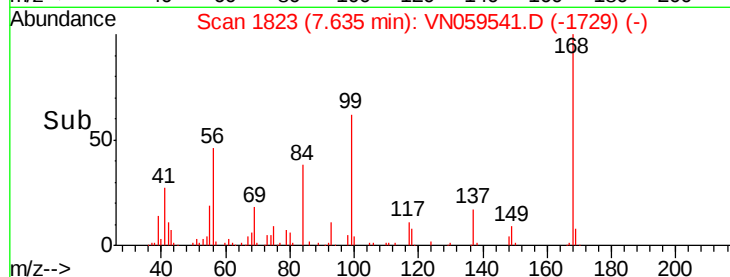
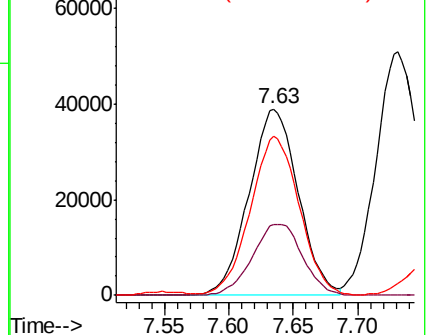
84 84.6 66.5 99.7



Abundance Ion 56.00 (55.70 to 56.70): VN059541.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059541.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059541.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 19.781 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

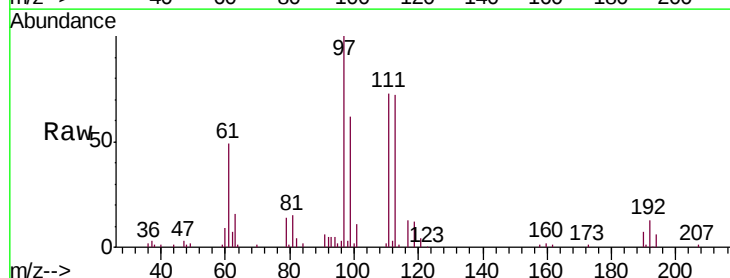
Tgt Ion: 97 Resp: 99757

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.2

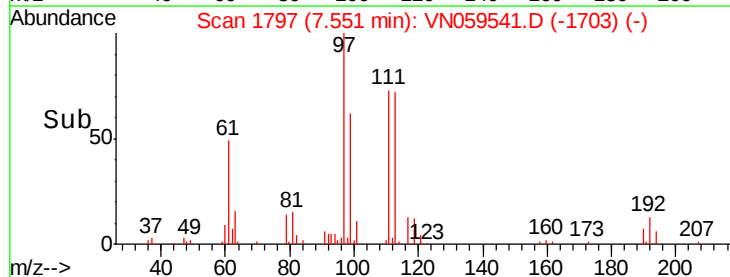
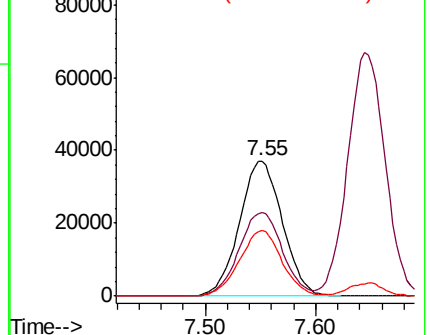
61 48.3 38.5 57.7

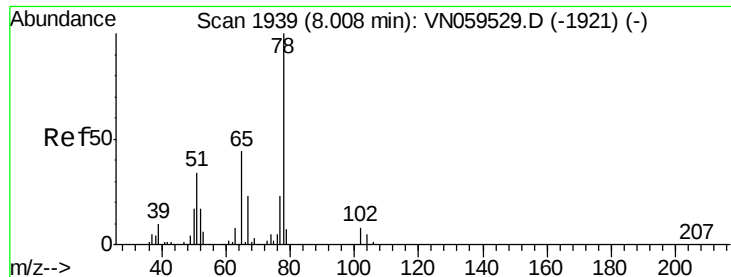


Abundance Ion 96.90 (96.60 to 97.60): VN059541.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059541.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059541.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

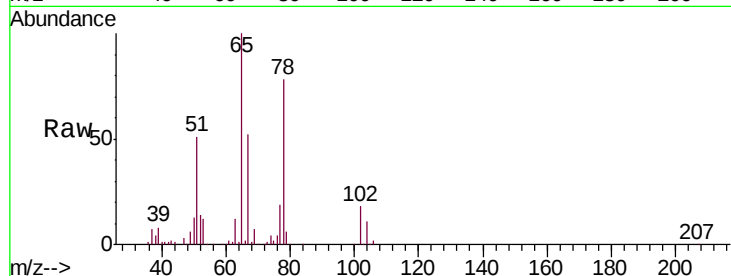
VN1210WBS01

Tgt Ion: 65 Resp: 189672

Ion Ratio Lower Upper

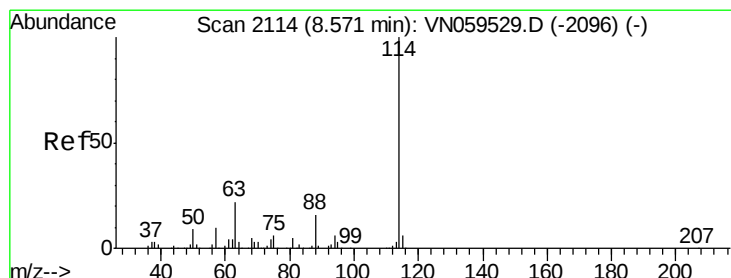
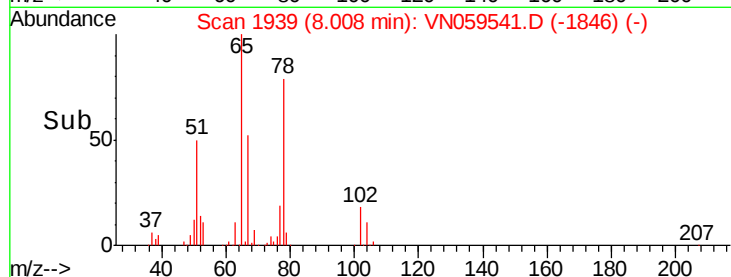
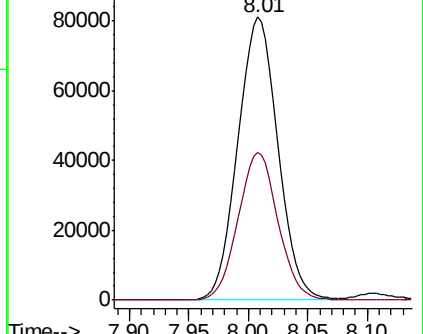
65 100

67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN059541.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059541.D (-1846) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

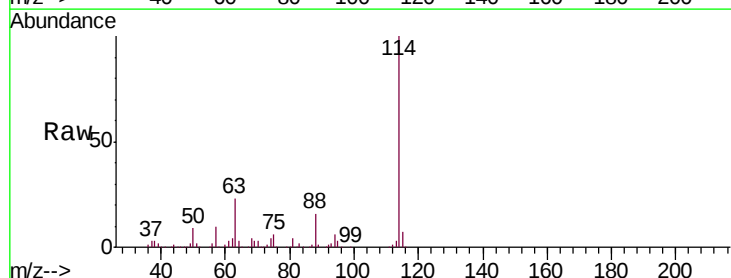
Tgt Ion: 114 Resp: 430569

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

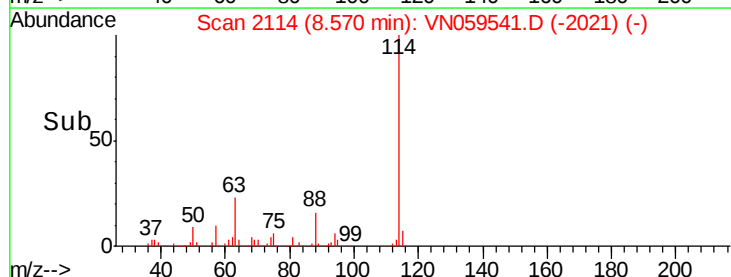
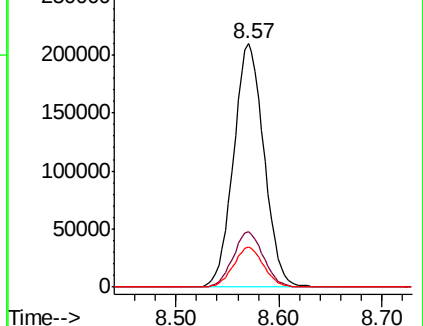
88 16.4 0.0 32.2

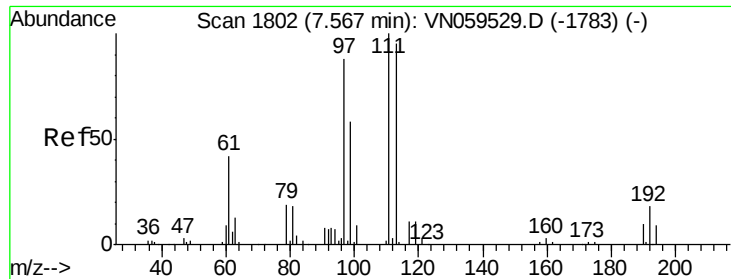


Abundance Ion 113.90 (113.60 to 114.60): VN059541.D (-2021) (-)

Ion 63.00 (62.70 to 63.70): VN059541.D (-2021) (-)

Ion 87.90 (87.60 to 88.60): VN059541.D (-2021) (-)

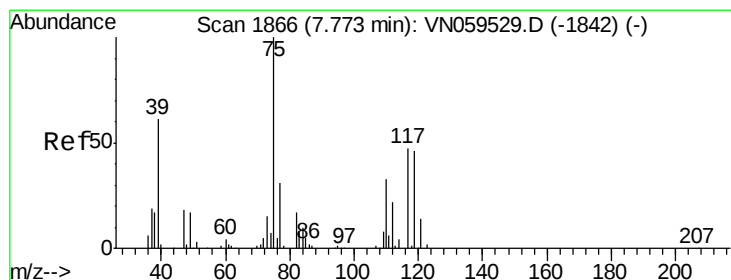
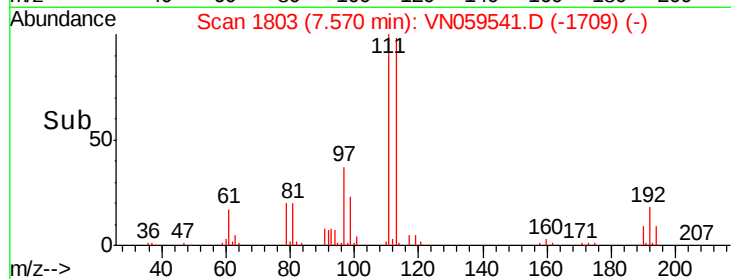
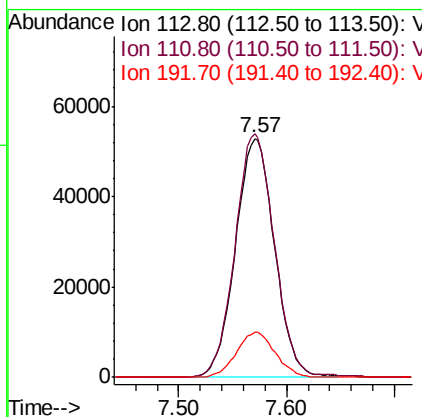
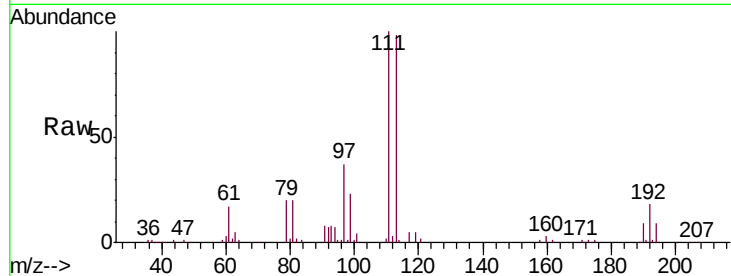




#35
Dibromofluoromethane
Concen: 51.894 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

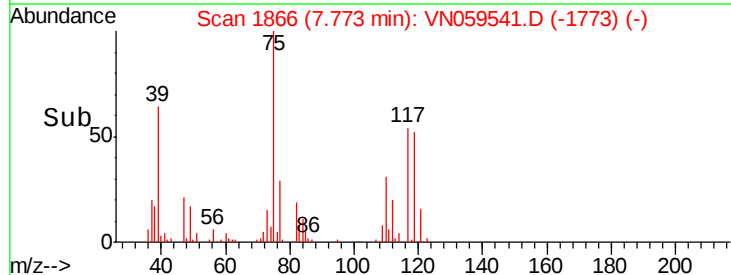
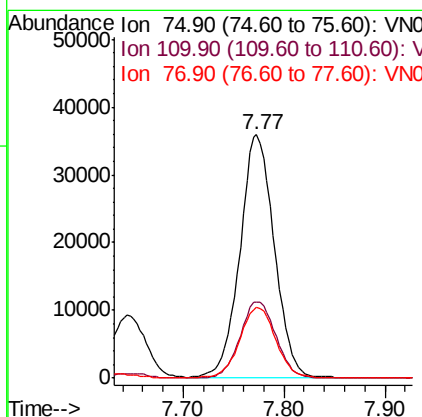
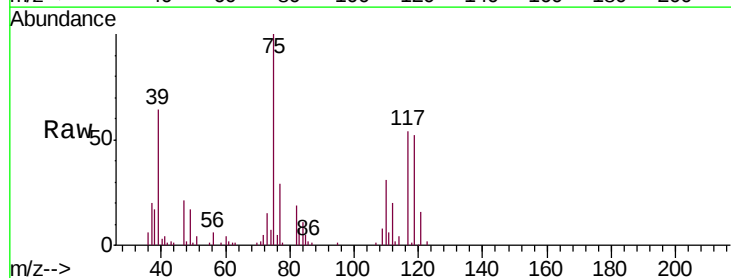
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

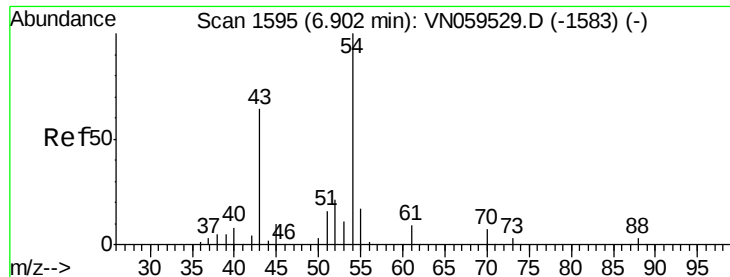
Tgt Ion:113 Resp: 133337
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 19.252 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 75 Resp: 85044
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.0
77 30.5 24.6 37.0

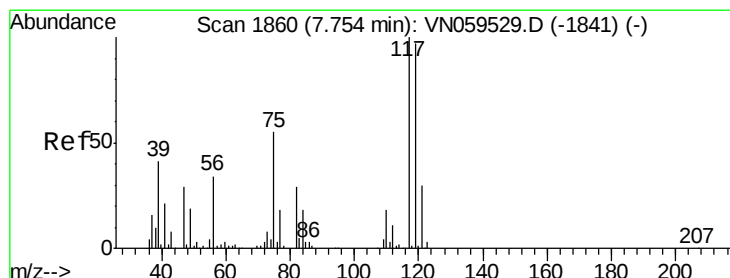
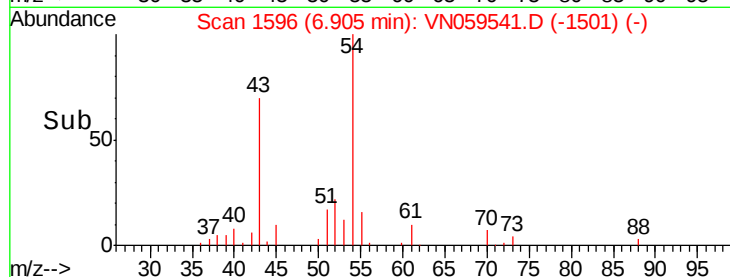
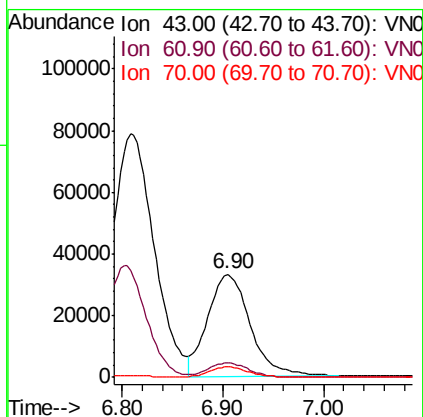
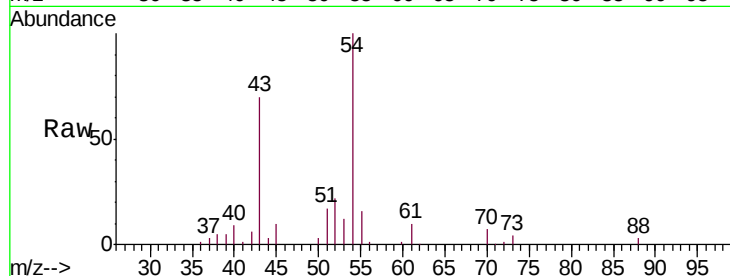




#37
Ethyl Acetate
Concen: 19.723 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

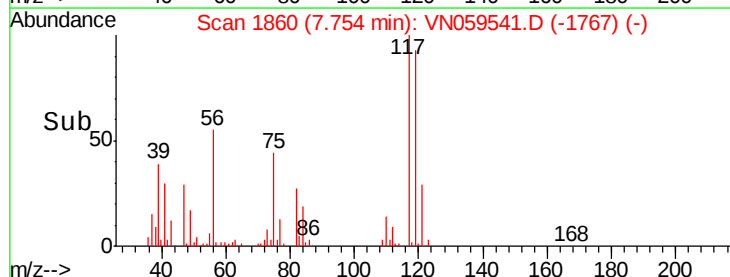
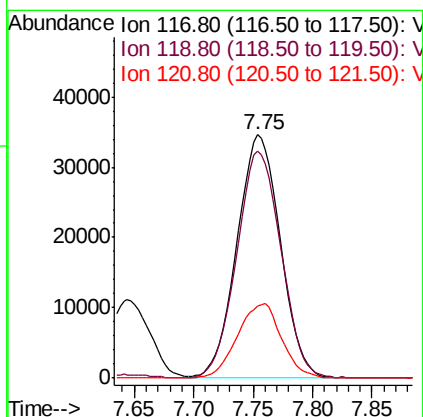
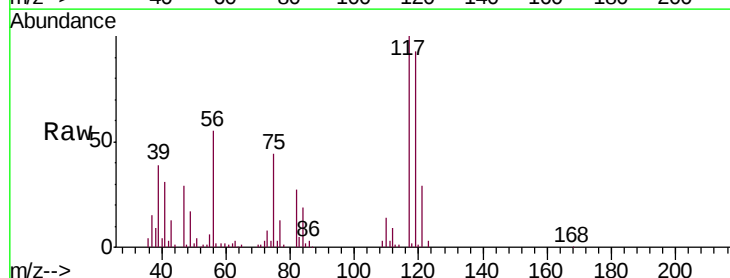
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

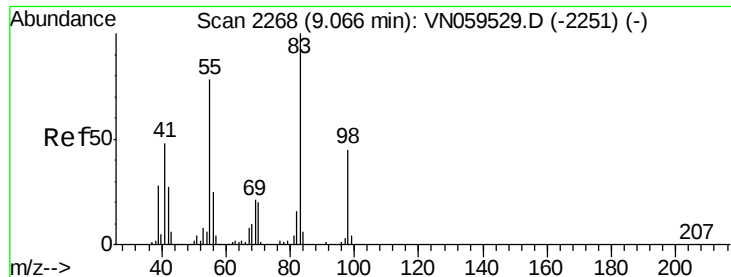
Tgt Ion: 43 Resp: 96653
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.111 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 117 Resp: 87568
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.4
121 29.4 24.1 36.1

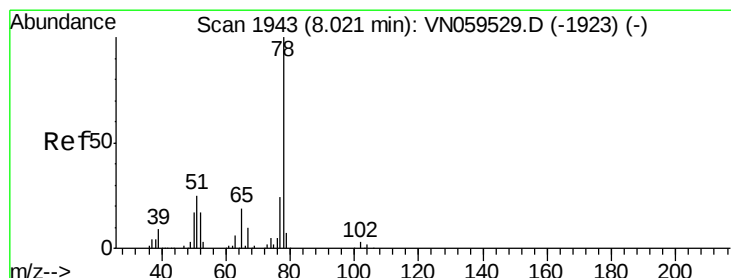
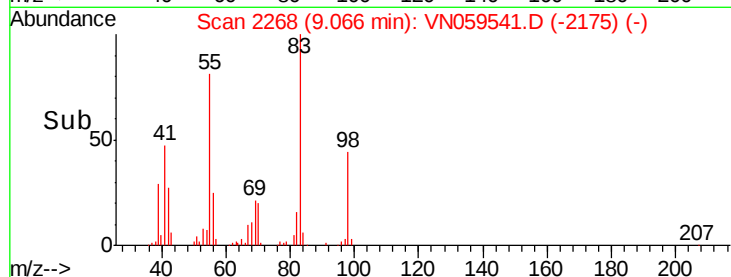
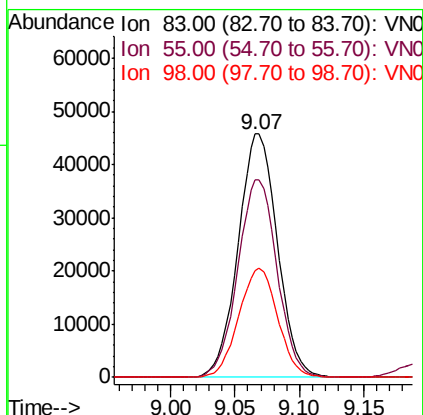
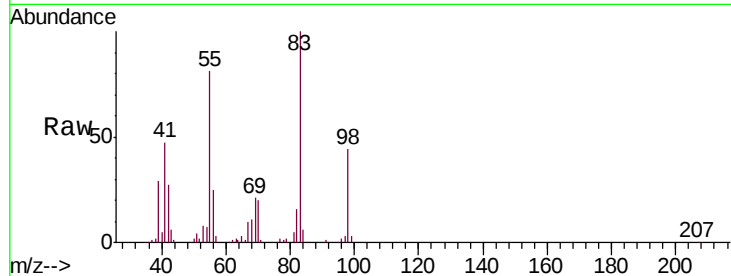




#39
Methylcyclohexane
Concen: 19.610 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

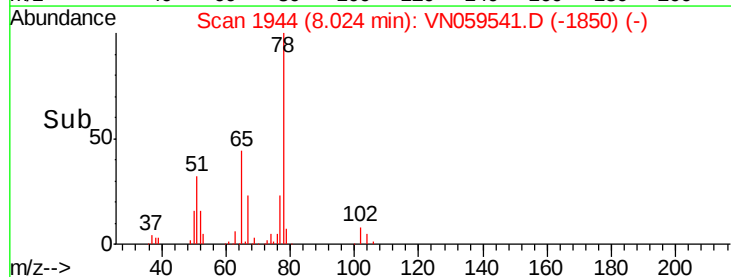
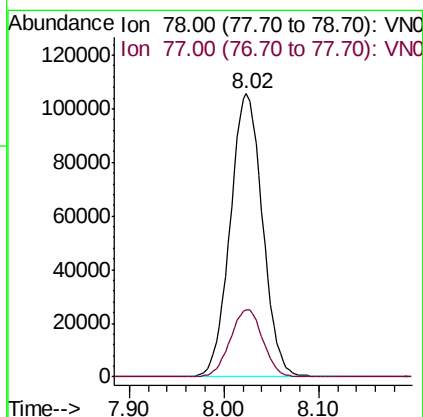
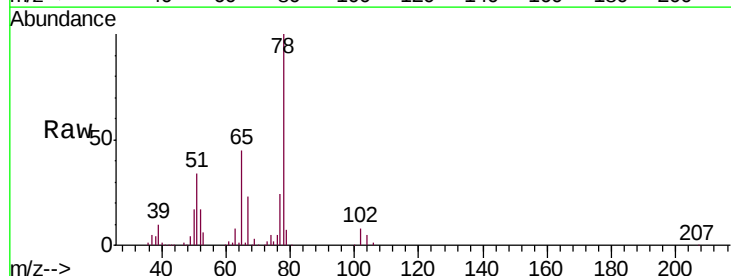
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

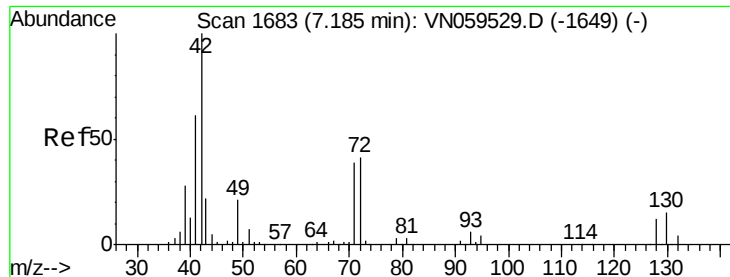
Tgt Ion: 83 Resp: 97173
Ion Ratio Lower Upper
83 100
55 81.2 62.7 94.1
98 43.6 35.7 53.5



#40
Benzene
Concen: 19.893 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 78 Resp: 251044
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 18.372 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.01 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

Tgt Ion: 41 Resp: 39440

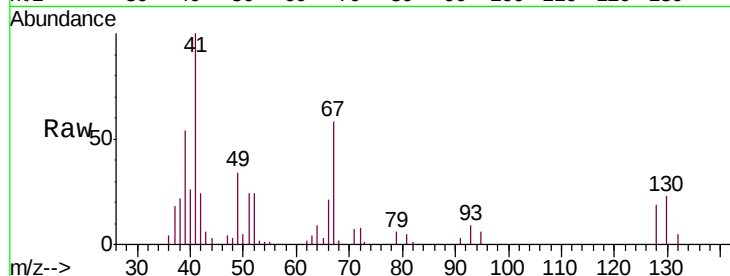
Ion Ratio Lower Upper

41 100

39 56.1 0.0 0.0#

67 87.0 0.0 0.0#

52 38.4 0.0 0.0#

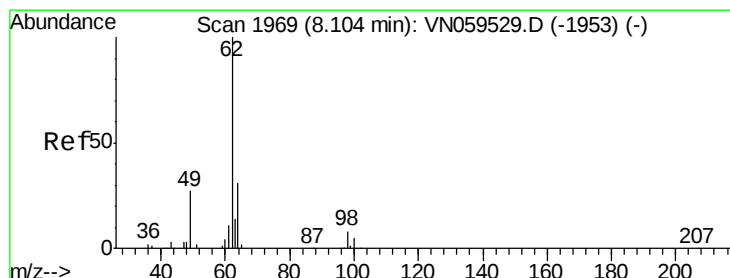
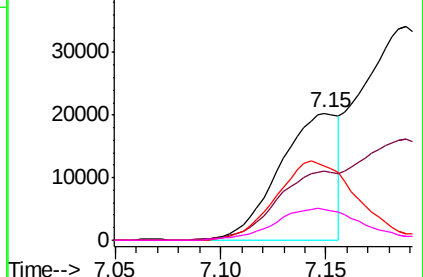
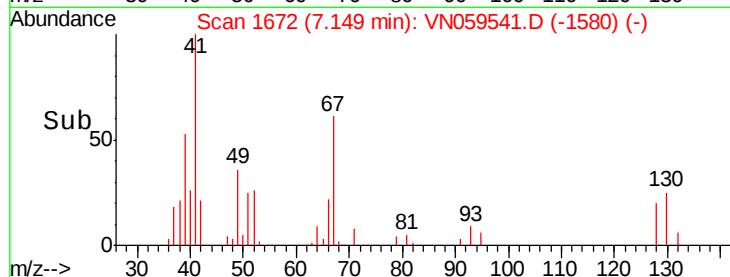


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 20.674 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VN059541.D

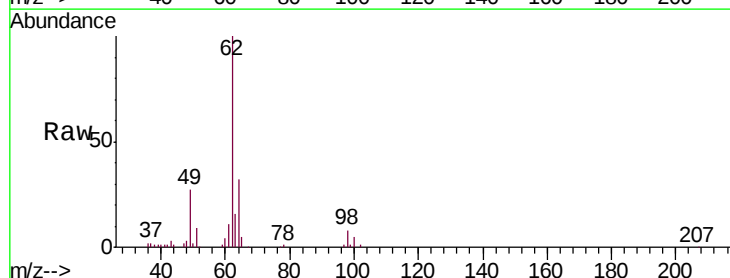
Acq: 10 Dec 2019 12:58

Tgt Ion: 62 Resp: 97204

Ion Ratio Lower Upper

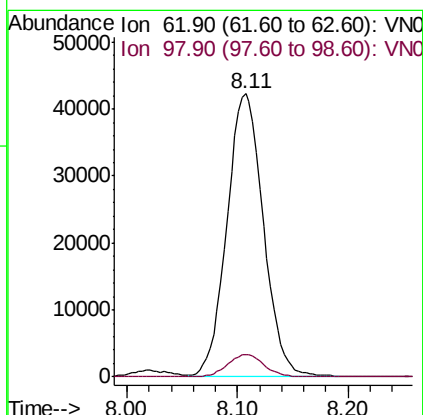
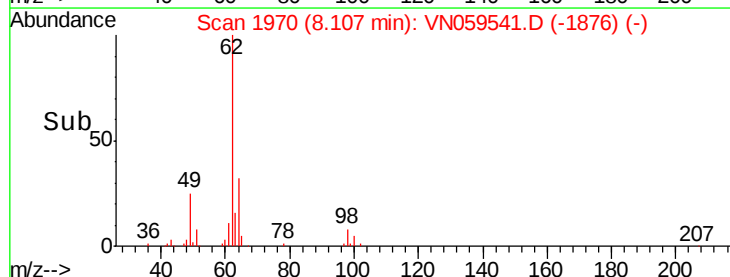
62 100

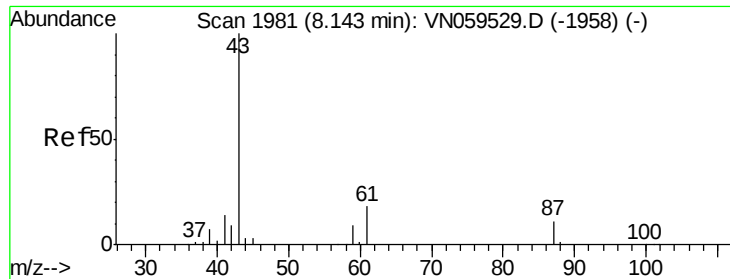
98 7.9 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.926 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

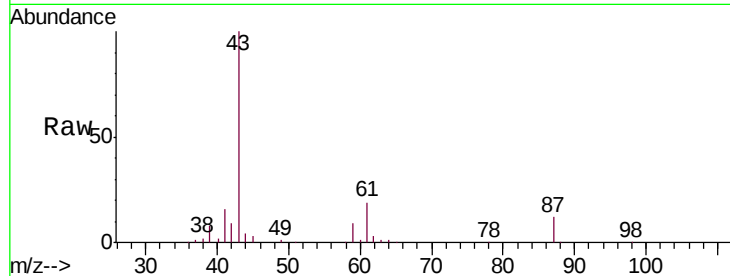
Tgt Ion: 43 Resp: 151948

Ion Ratio Lower Upper

43 100

61 25.1 19.8 29.6

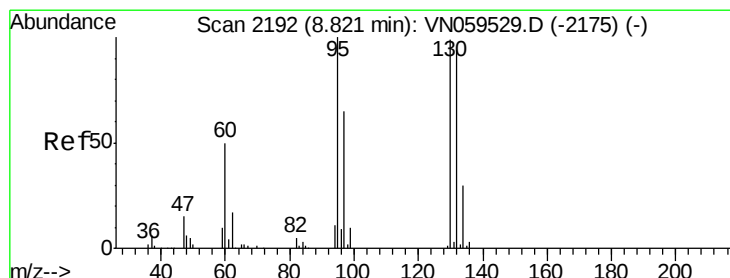
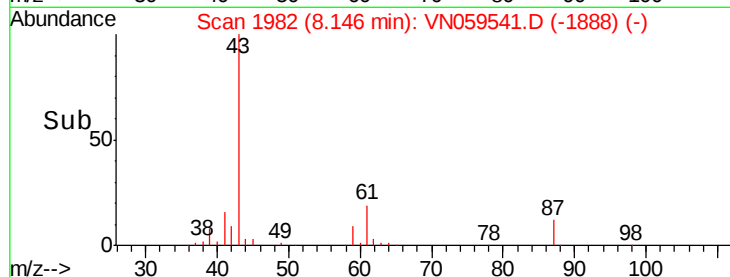
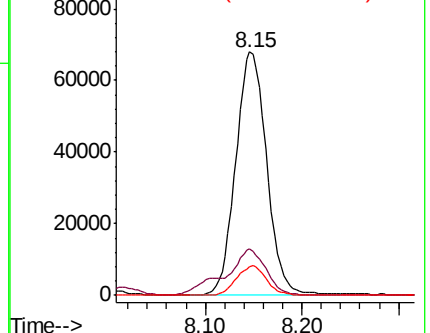
87 11.7 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN059529.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN059529.D (-1958) (-)



#44

Trichloroethene

Concen: 20.170 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN059541.D

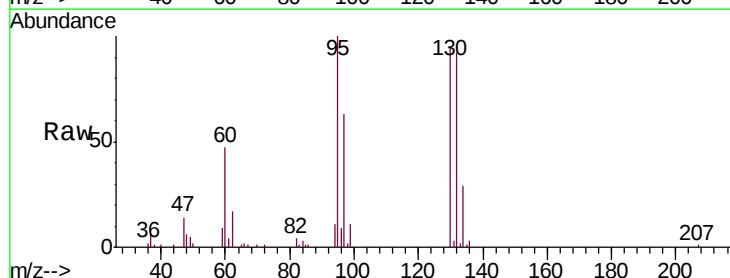
Acq: 10 Dec 2019 12:58

Tgt Ion: 130 Resp: 64304

Ion Ratio Lower Upper

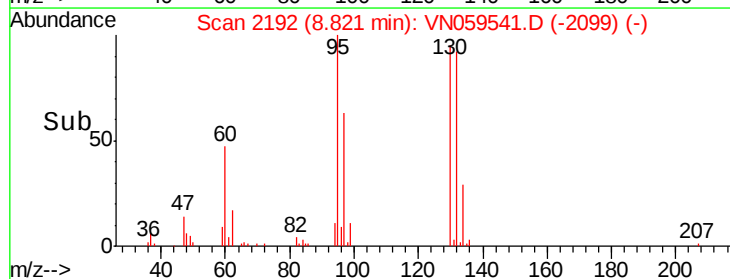
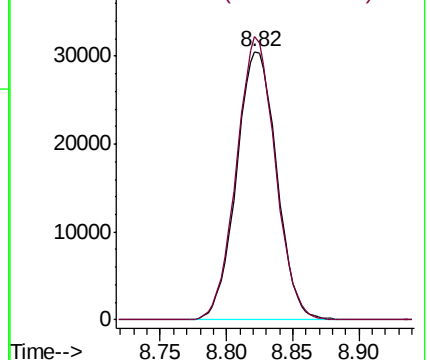
130 100

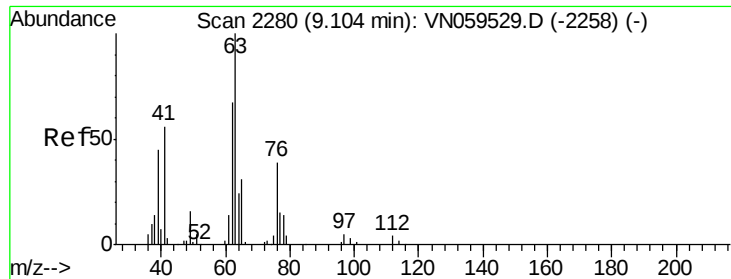
95 105.4 0.0 202.0



Abundance Ion 129.80 (129.50 to 130.50): VN059529.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059529.D (-2175) (-)

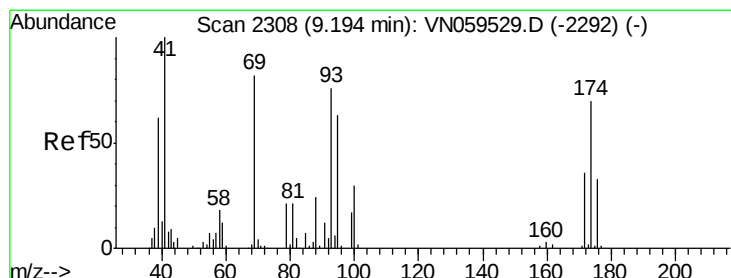
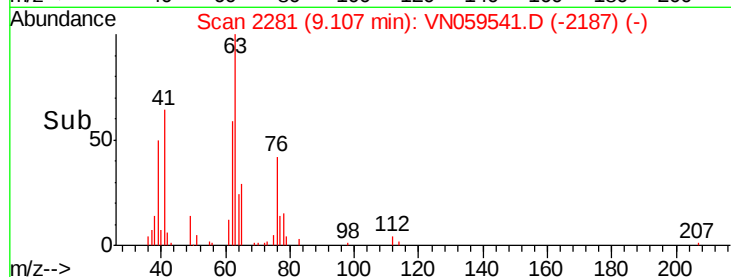
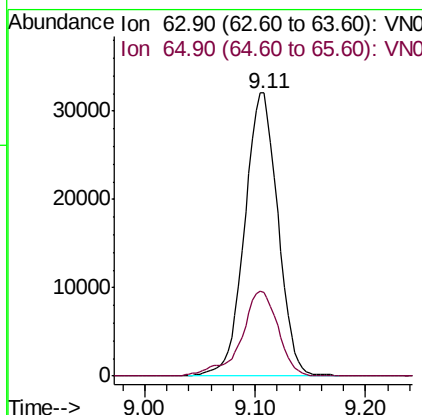
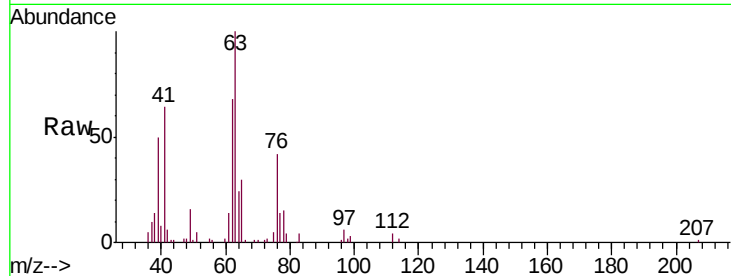




#45
 1,2-Dichloropropane
 Concen: 20.100 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

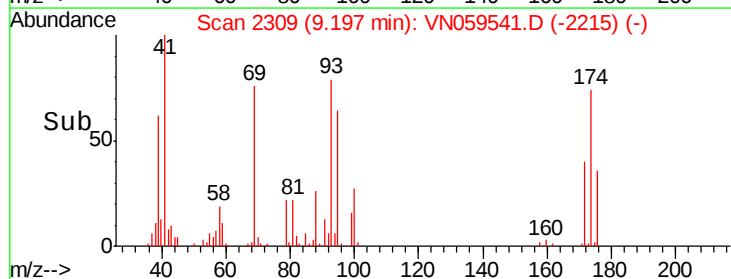
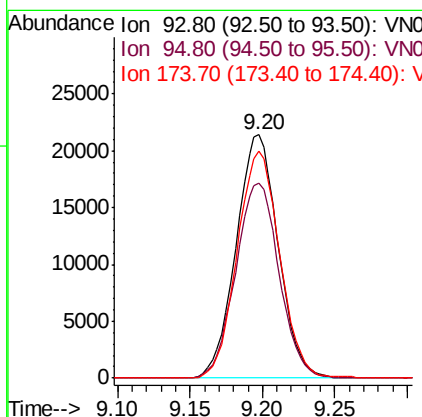
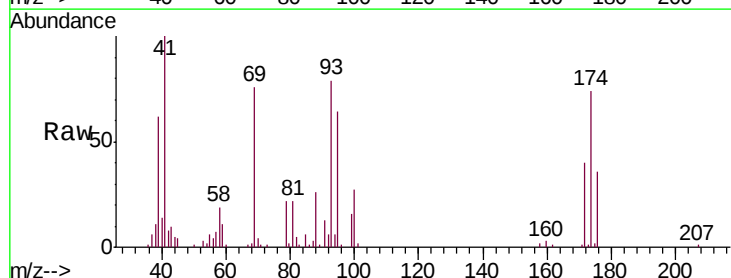
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

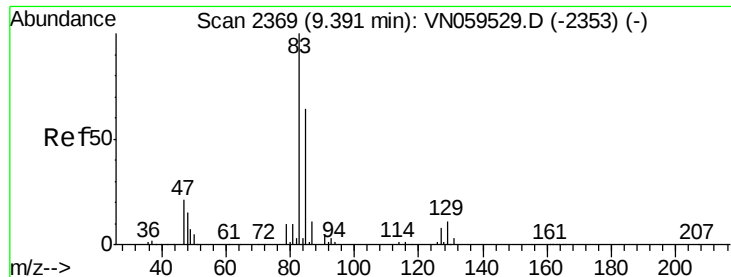
Tgt Ion: 63 Resp: 67196
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2



#46
 Dibromomethane
 Concen: 19.569 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion: 93 Resp: 43235
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.0 100.6
 174 94.2 75.6 113.4

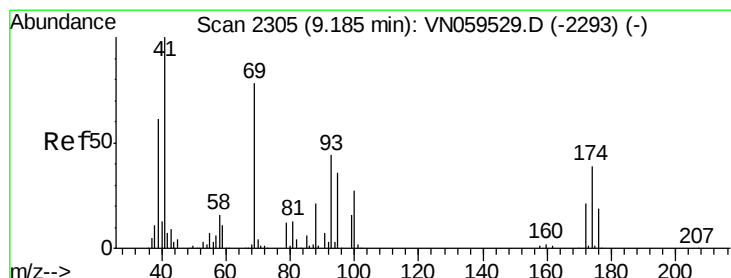
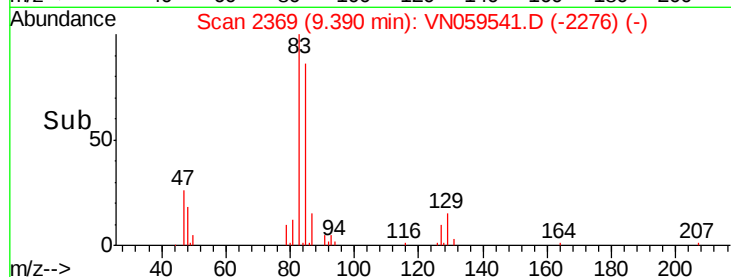
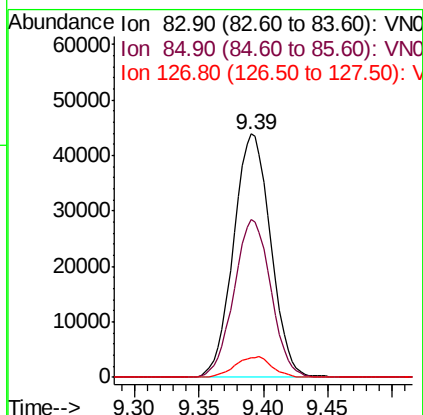
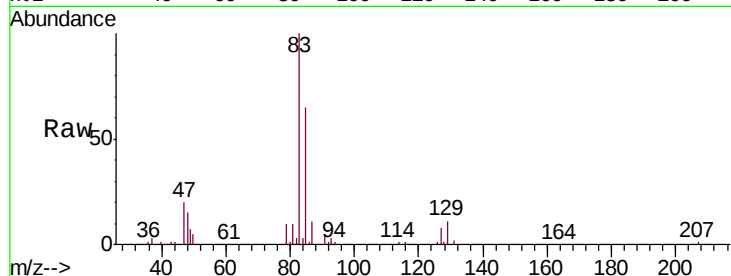




#47
Bromodichloromethane
Concen: 20.076 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

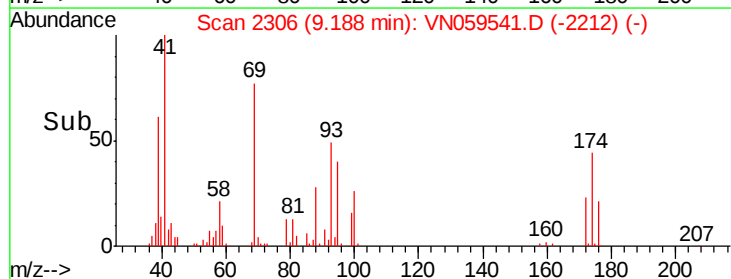
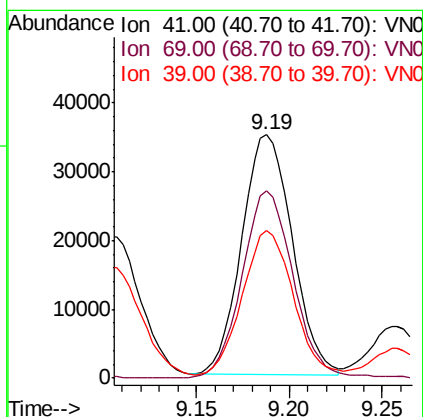
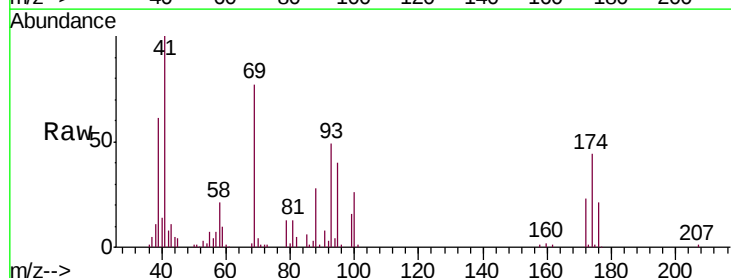
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

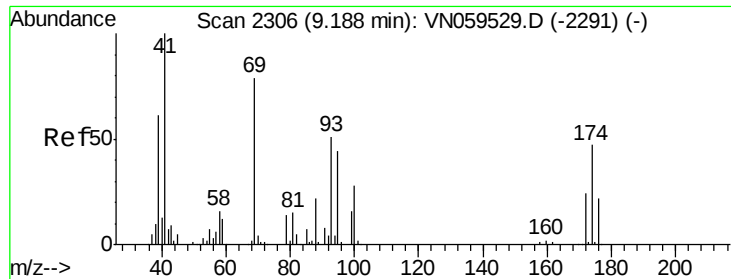
Tgt Ion: 83 Resp: 88150
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0
127 7.8 6.7 10.1



#48
Methyl methacrylate
Concen: 19.887 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 41 Resp: 66307
Ion Ratio Lower Upper
41 100
69 79.0 64.0 96.0
39 62.3 50.0 75.0

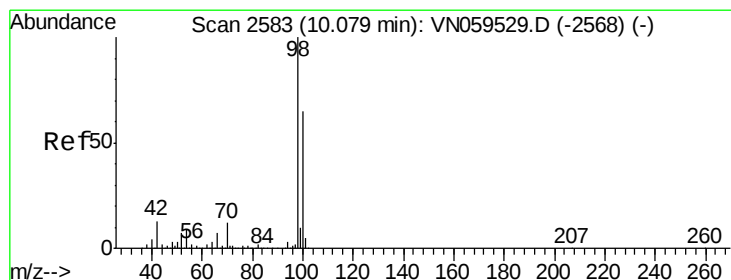
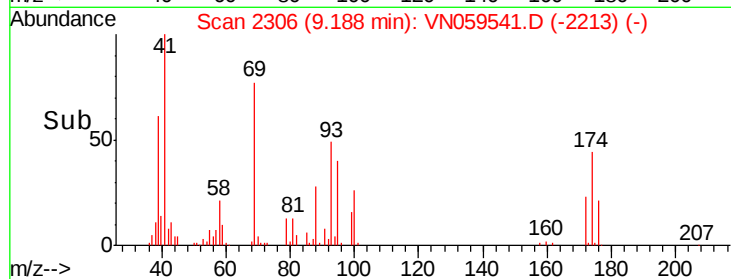
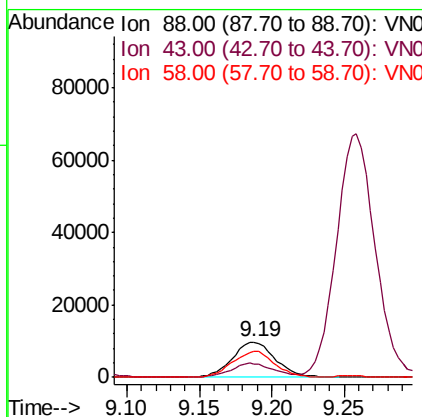
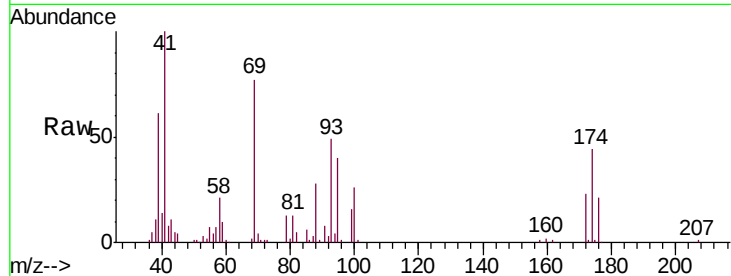




#49
1,4-Dioxane
Concen: 469.459 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

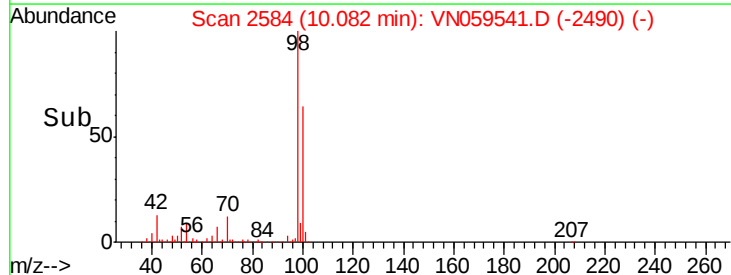
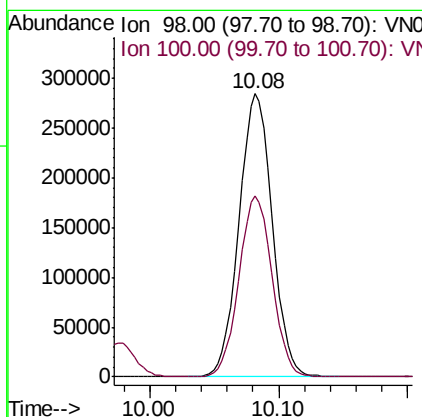
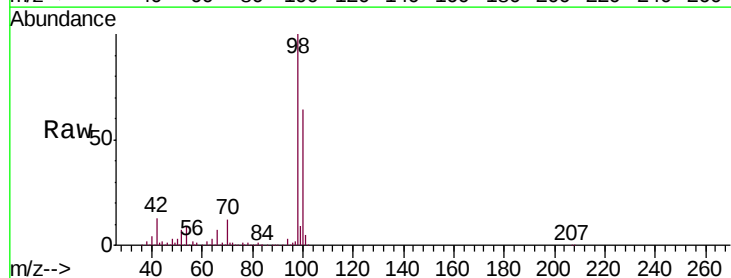
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

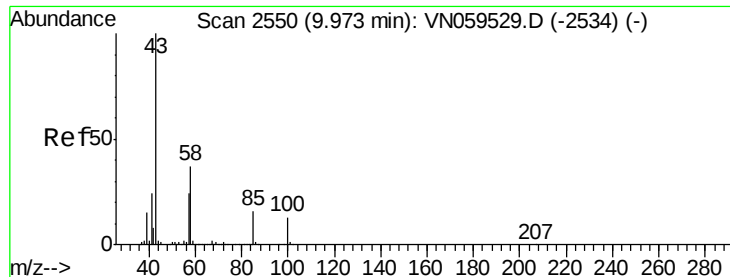
Tgt Ion: 88 Resp: 20027
Ion Ratio Lower Upper
88 100
43 39.7 31.4 47.0
58 72.9 61.0 91.6



#50
Toluene-d8
Concen: 48.584 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 98 Resp: 509636
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 96.703 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

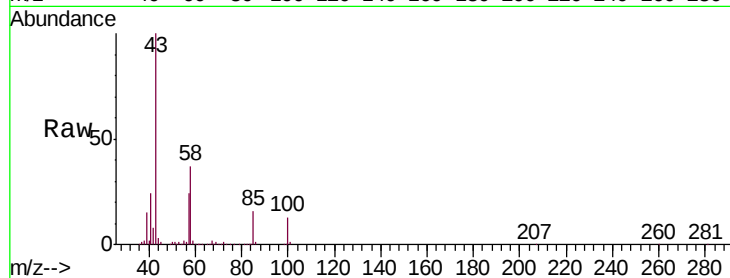
VN1210WBS01

Tgt Ion: 43 Resp: 470943

Ion Ratio Lower Upper

43 100

58 37.0 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN059529.D (-2534) (-)

9.98

250000

200000

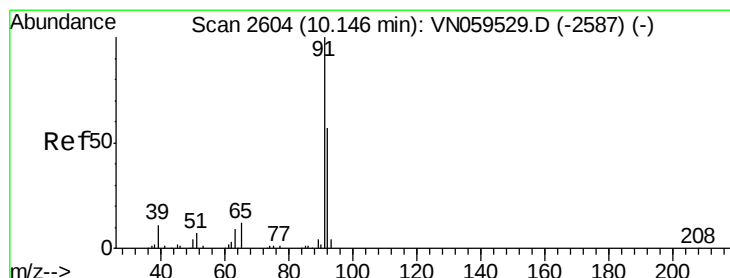
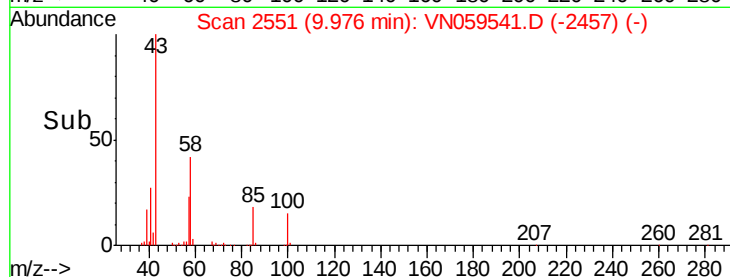
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.009 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN059541.D

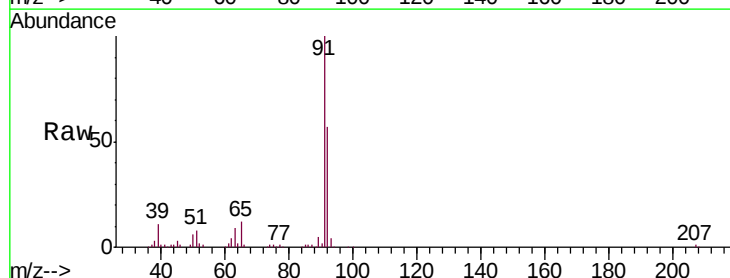
Acq: 10 Dec 2019 12:58

Tgt Ion: 92 Resp: 150445

Ion Ratio Lower Upper

92 100

91 174.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN059529.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059529.D (-2587) (-)

10.15

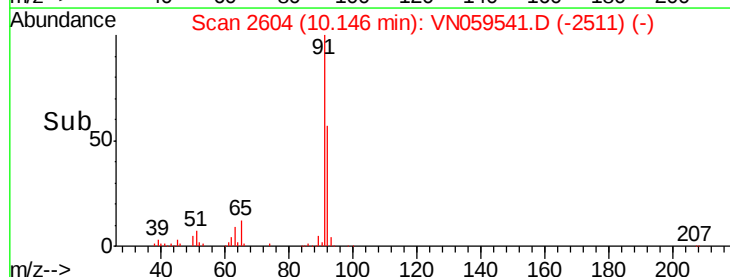
150000

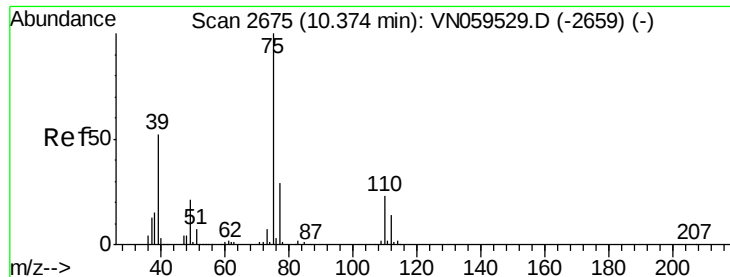
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.400 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

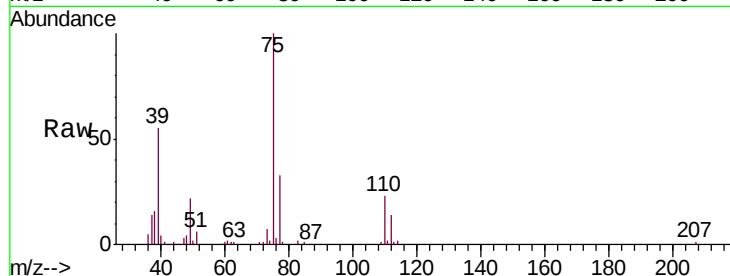
VN1210WBS01

Tgt Ion: 75 Resp: 99251

Ion Ratio Lower Upper

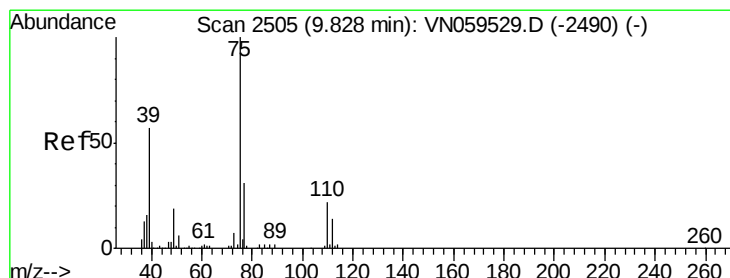
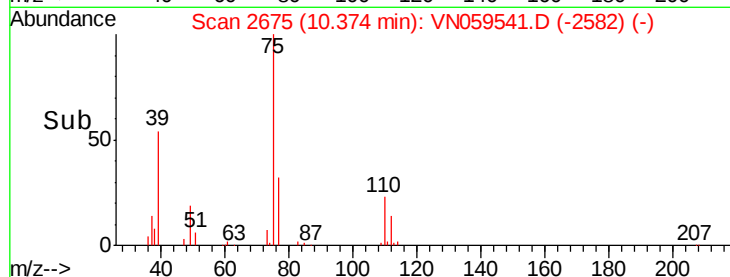
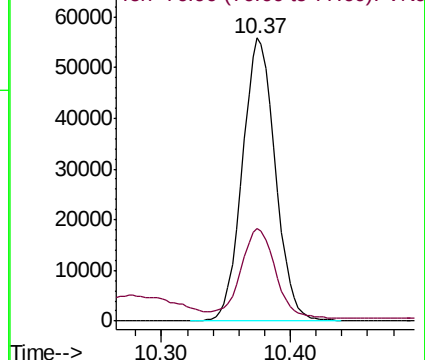
75 100

77 31.7 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.157 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

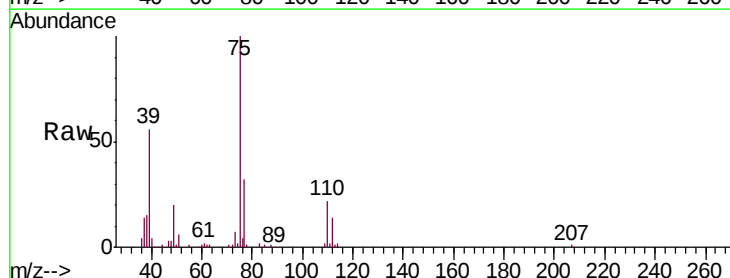
Tgt Ion: 75 Resp: 105541

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

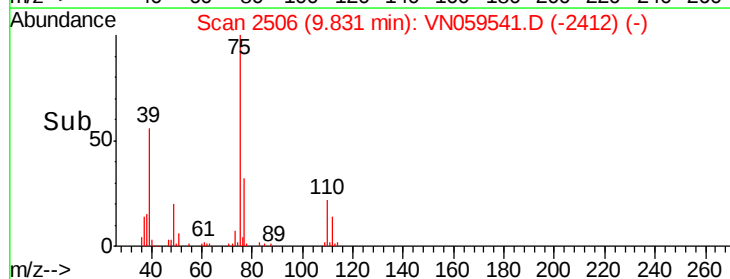
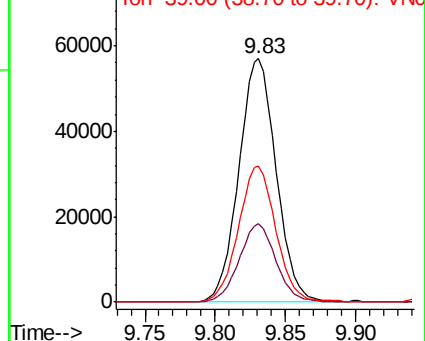
39 55.8 45.6 68.4

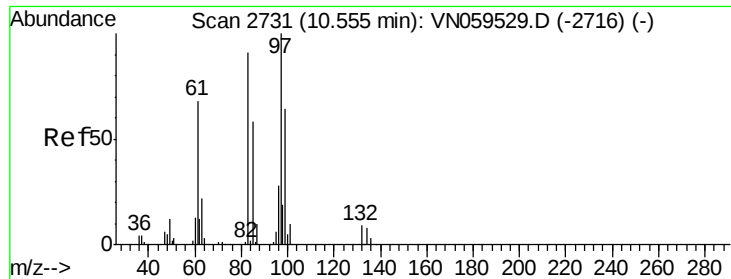


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.694 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion: 97 Resp: 59888

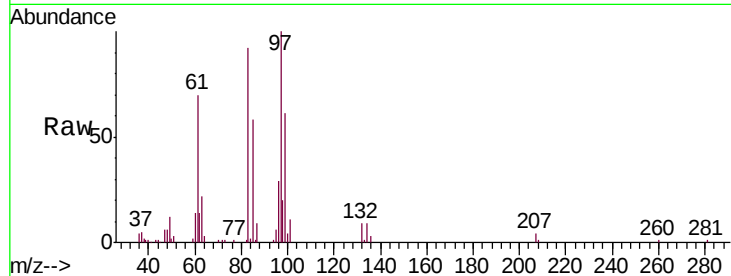
Ion Ratio Lower Upper

97 100

83 91.8 72.9 109.3

85 58.4 46.1 69.1

99 60.6 50.8 76.2



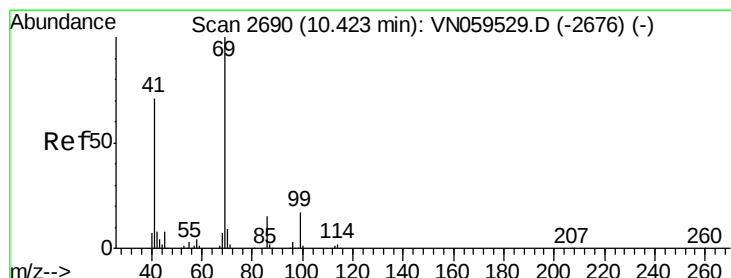
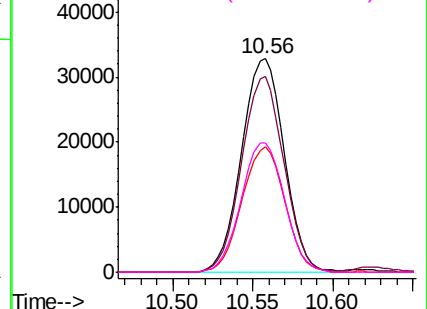
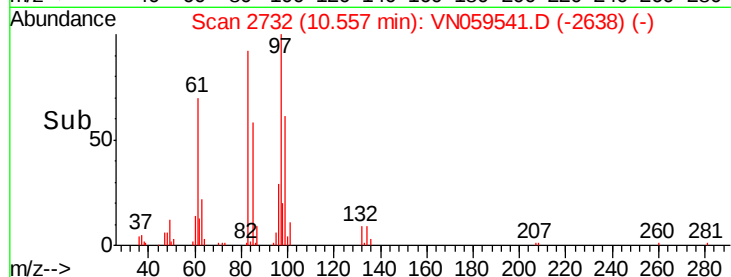
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.113 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

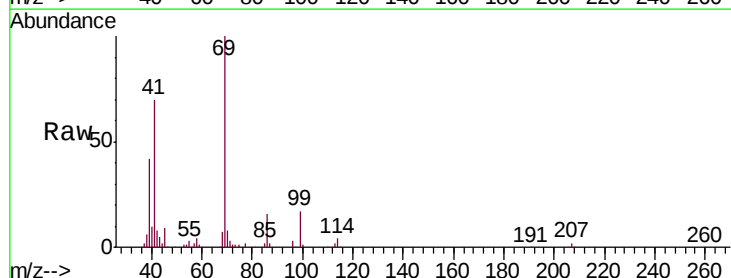
Tgt Ion: 69 Resp: 87462

Ion Ratio Lower Upper

69 100

41 71.1 57.7 86.5

39 42.2 34.2 51.2

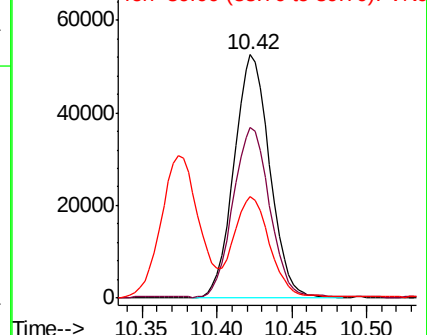
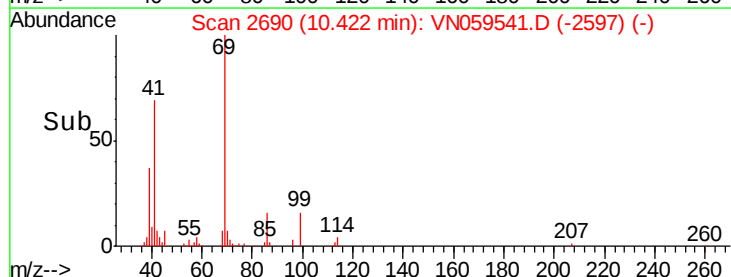


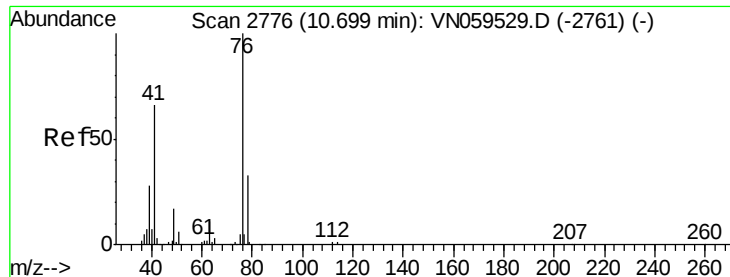
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.188 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

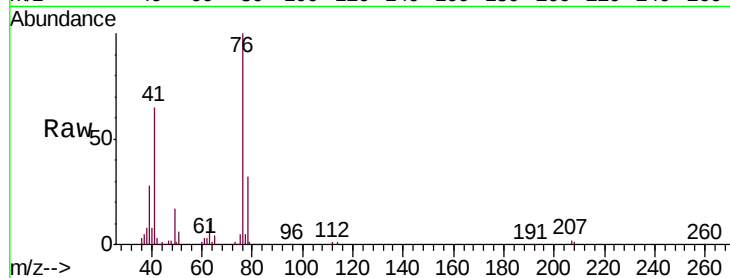
VN1210WBS01

Tgt Ion: 76 Resp: 104851

Ion Ratio Lower Upper

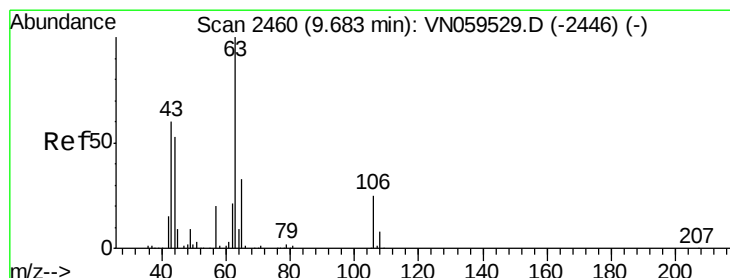
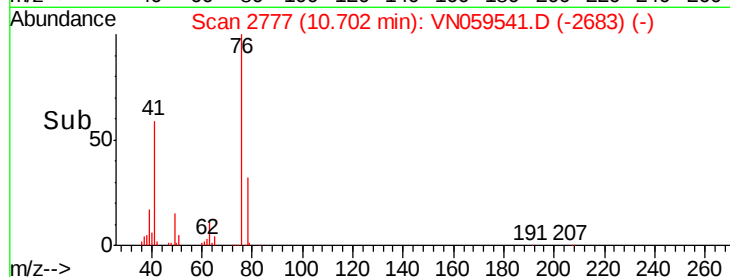
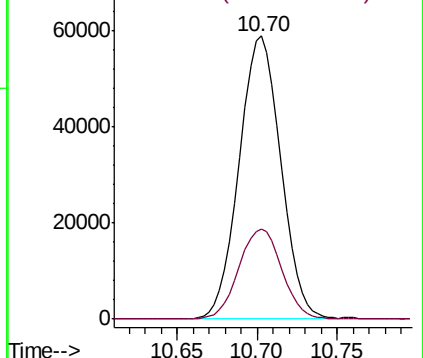
76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 118.040 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059541.D

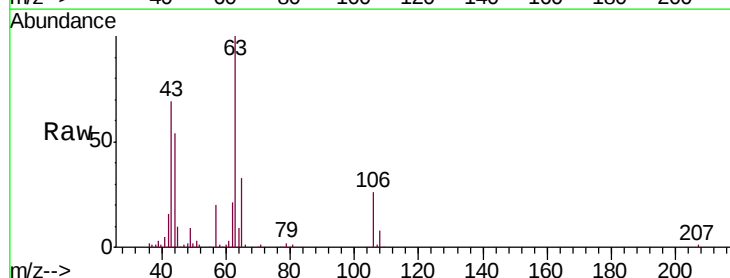
Acq: 10 Dec 2019 12:58

Tgt Ion: 63 Resp: 147052

Ion Ratio Lower Upper

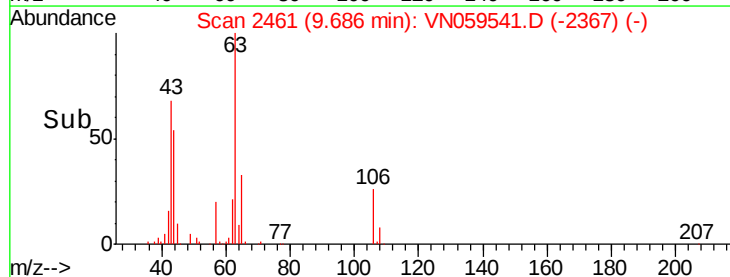
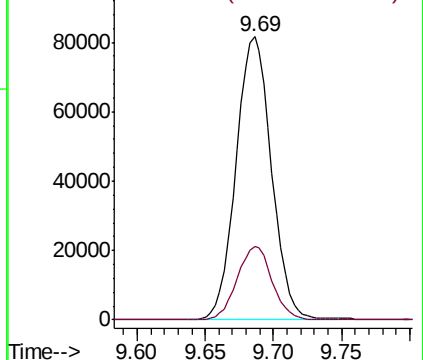
63 100

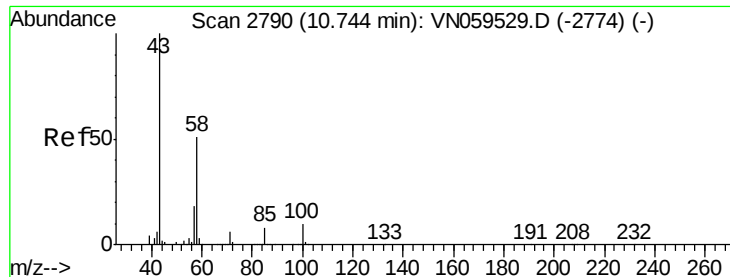
106 25.6 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

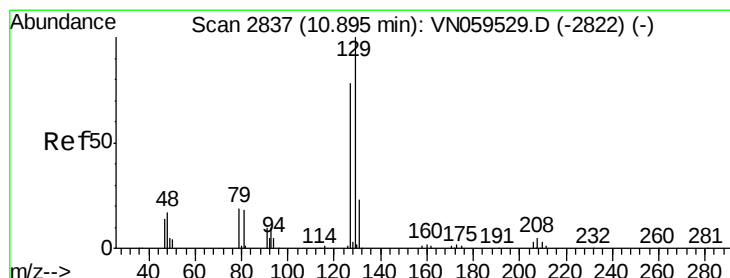
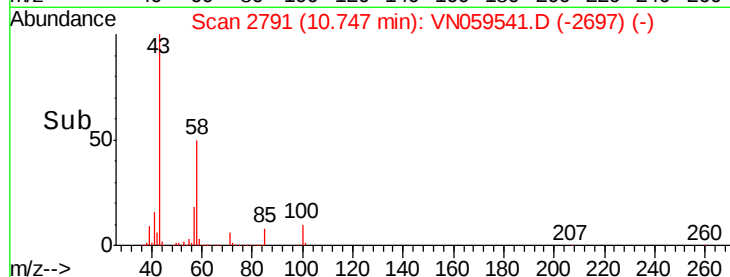
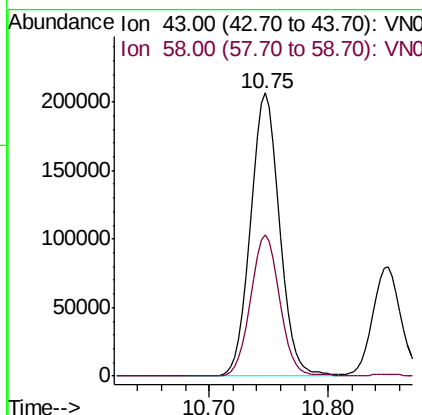
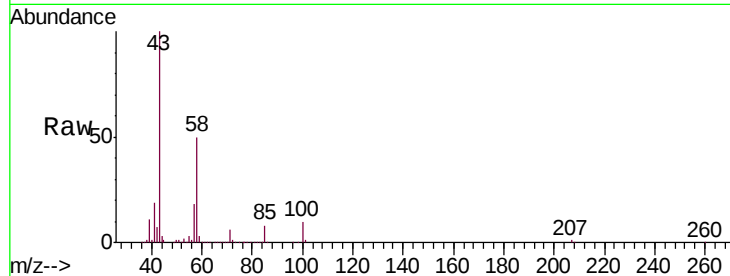




#59
2-Hexanone
Concen: 95.829 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

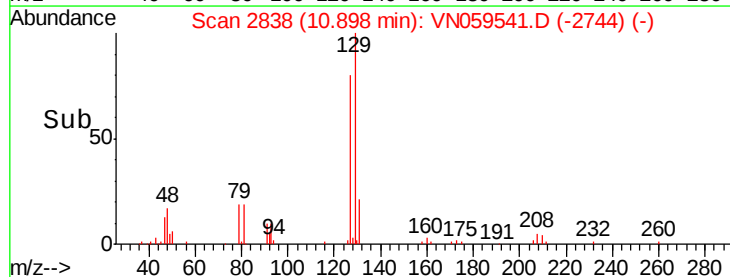
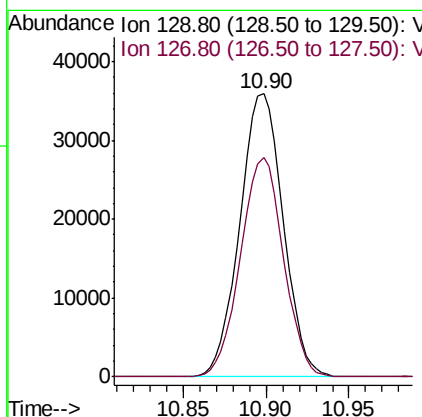
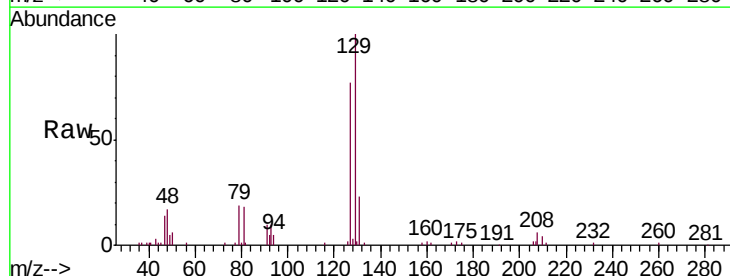
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

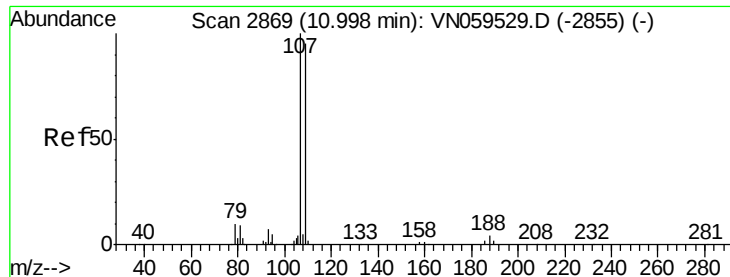
Tgt Ion: 43 Resp: 349536
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.6



#60
Dibromochloromethane
Concen: 18.673 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 129 Resp: 65338
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.608 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

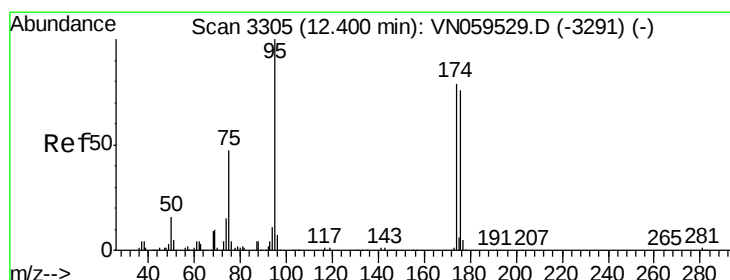
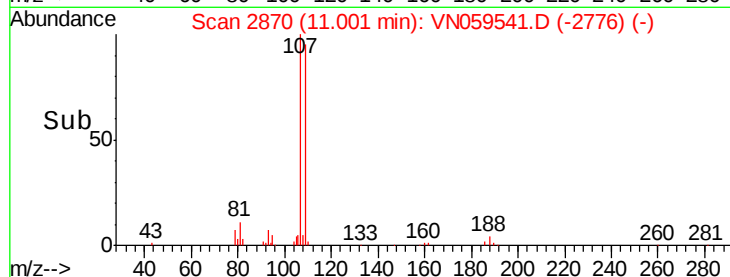
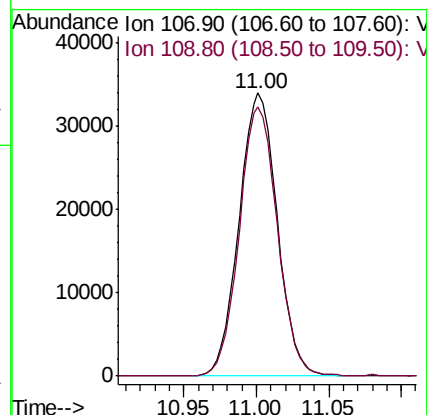
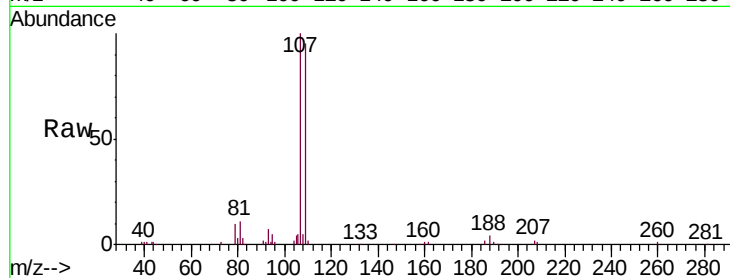
VN1210WBS01

Tgt Ion: 107 Resp: 62074

Ion Ratio Lower Upper

107 100

109 94.8 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 47.783 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

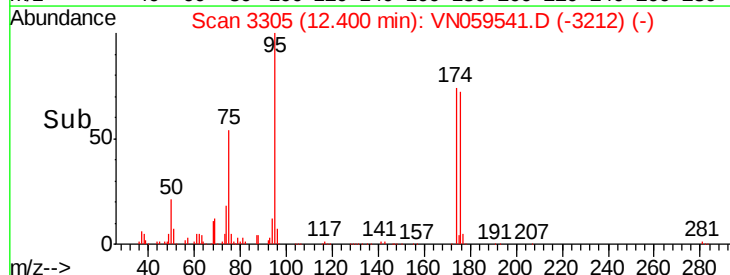
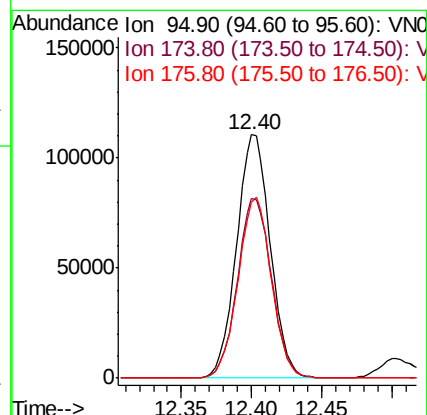
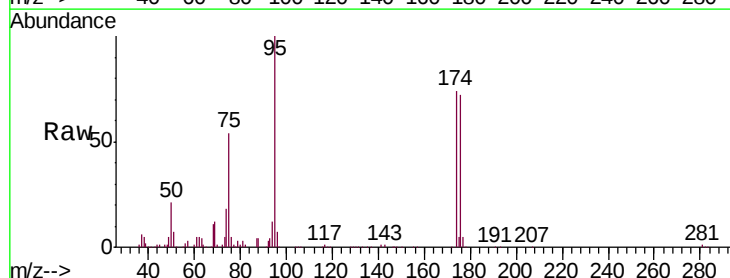
Tgt Ion: 95 Resp: 185539

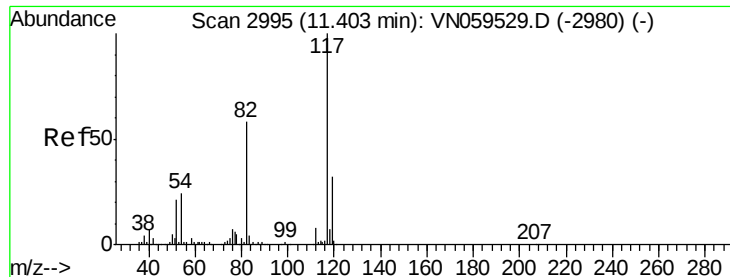
Ion Ratio Lower Upper

95 100

174 74.5 0.0 158.0

176 73.3 0.0 155.4

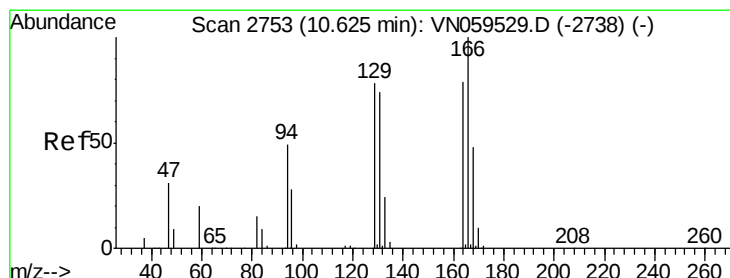
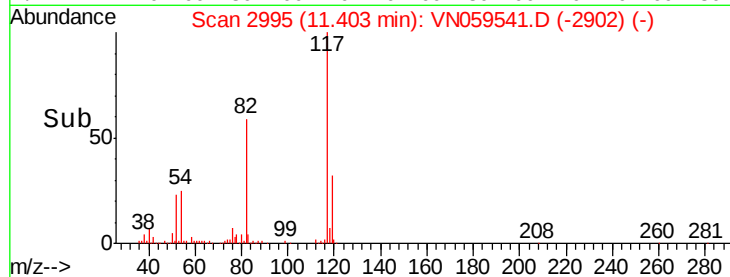
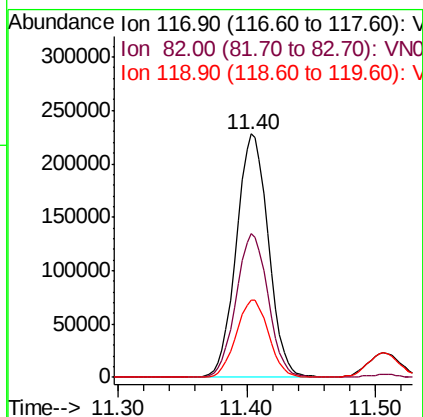
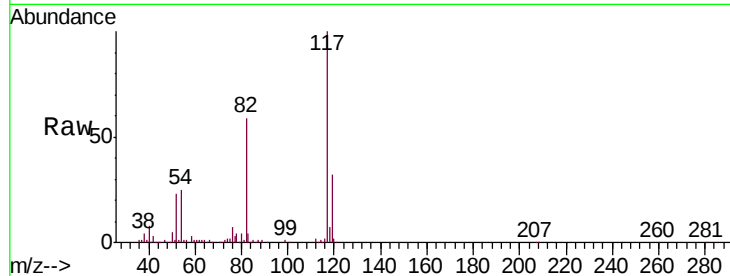




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

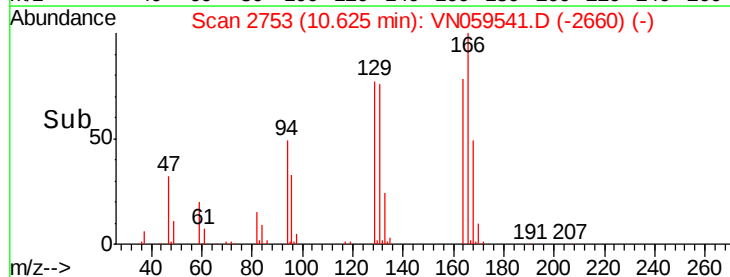
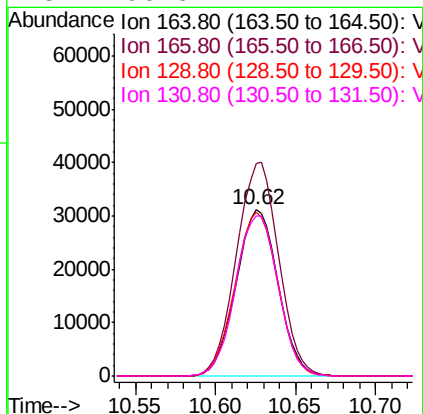
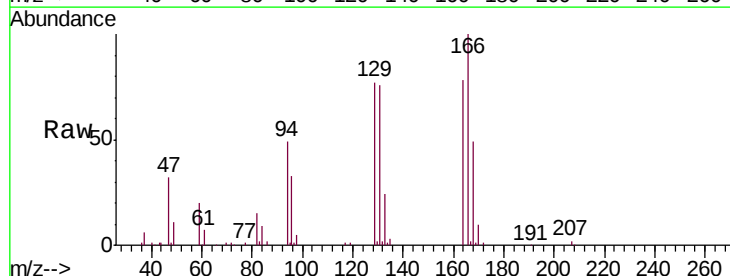
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

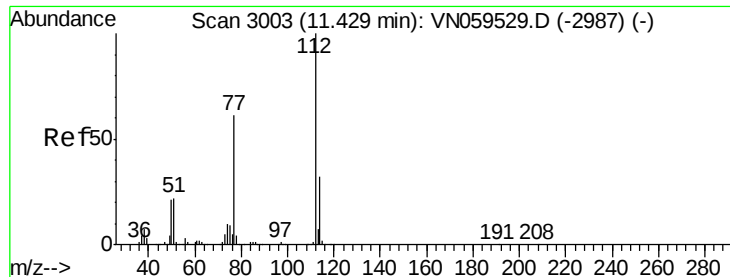
Tgt Ion:117 Resp: 394774
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 19.401 ug/l
RT: 10.62 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion:164 Resp: 55975
Ion Ratio Lower Upper
164 100
166 127.9 101.6 152.4
129 98.2 79.0 118.6
131 96.6 74.7 112.1





#65

Chlorobenzene

Concen: 19.442 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

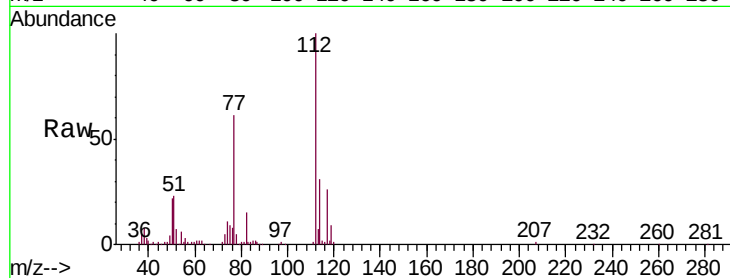
VN1210WBS01

Tgt Ion:112 Resp: 160819

Ion Ratio Lower Upper

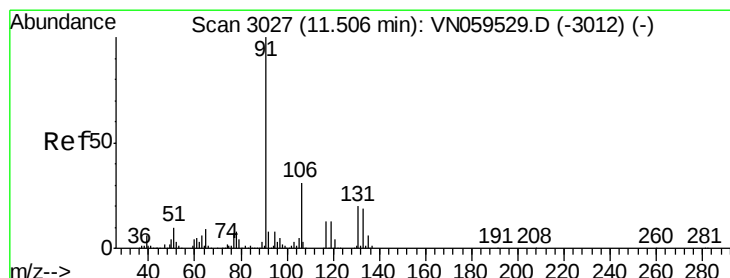
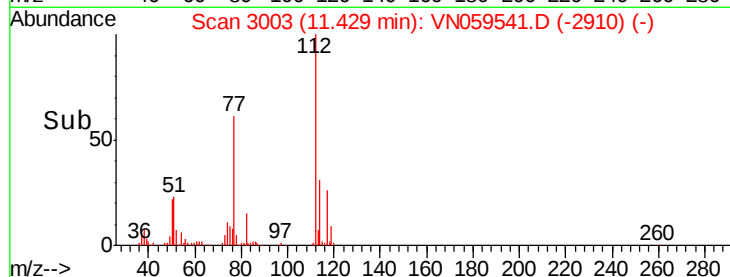
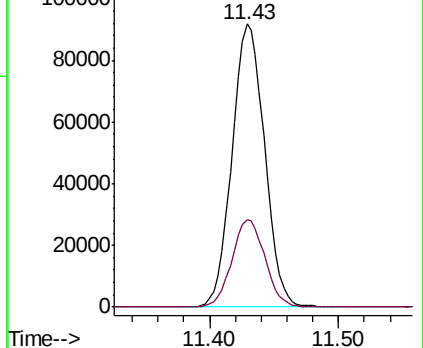
112 100

114 31.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.558 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

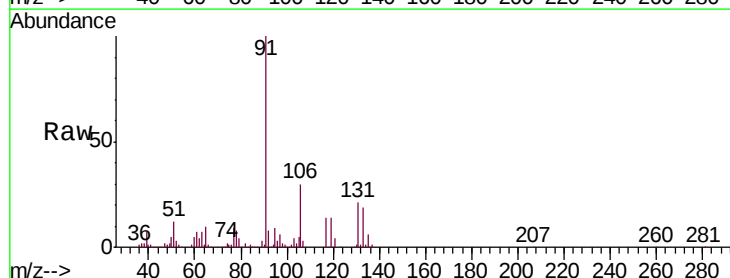
Tgt Ion:131 Resp: 60339

Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.3

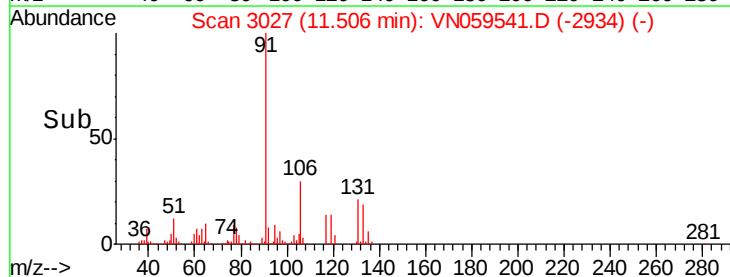
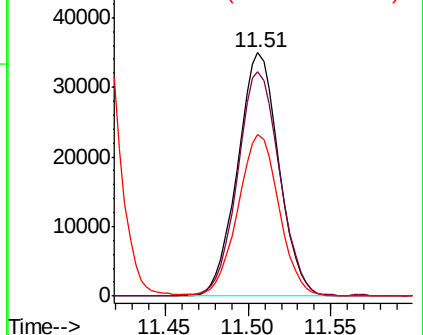
119 66.3 33.4 100.2

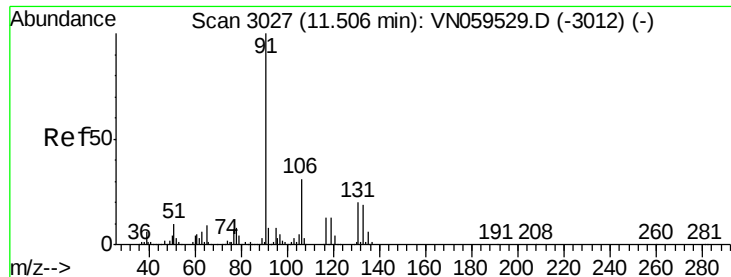


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

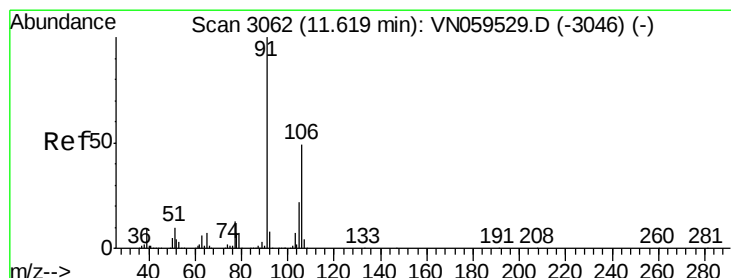
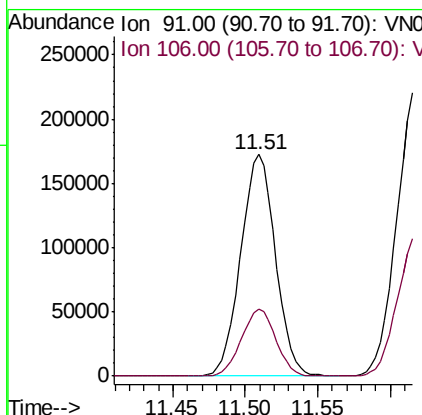
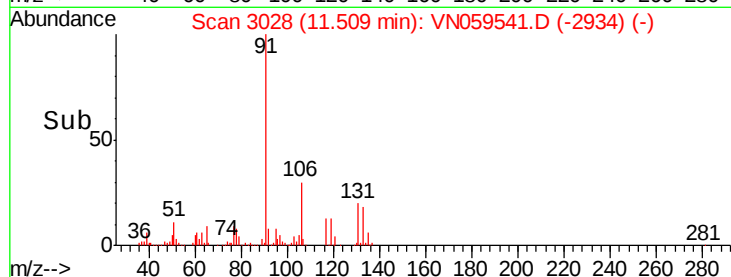
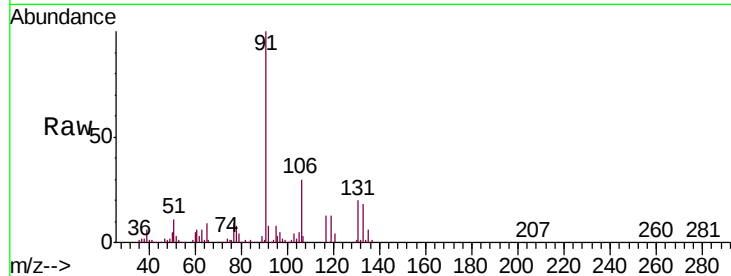




#67
Ethyl Benzene
Concen: 19.281 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

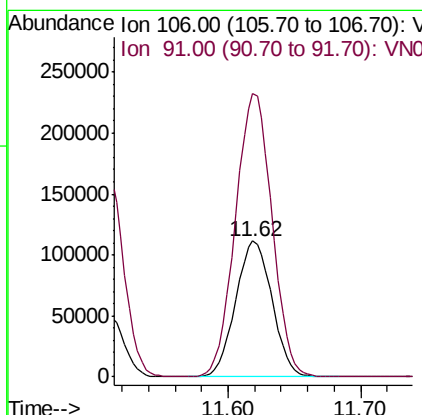
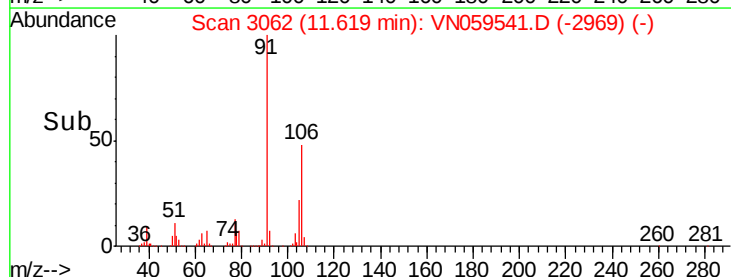
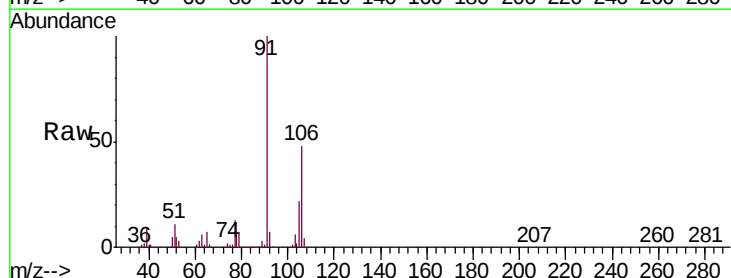
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

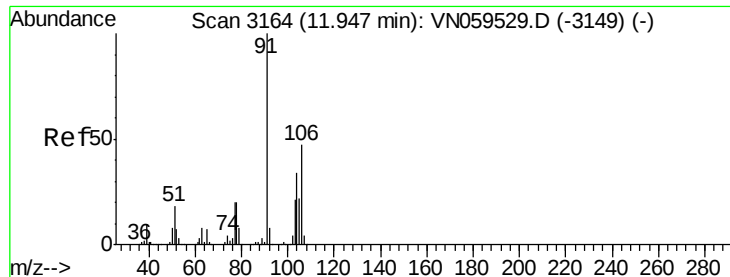
Tgt Ion: 91 Resp: 286998
Ion Ratio Lower Upper
91 100
106 30.1 24.5 36.7



#68
m/p-Xylenes
Concen: 38.188 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion: 106 Resp: 213237
Ion Ratio Lower Upper
106 100
91 208.7 162.9 244.3

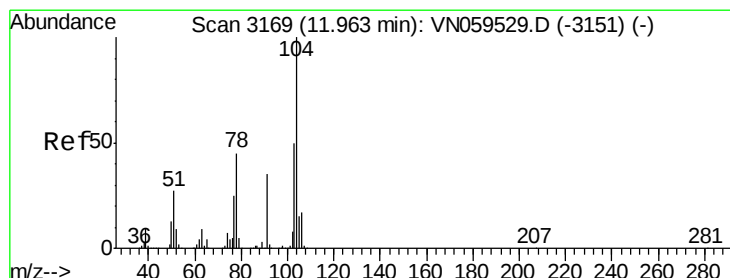
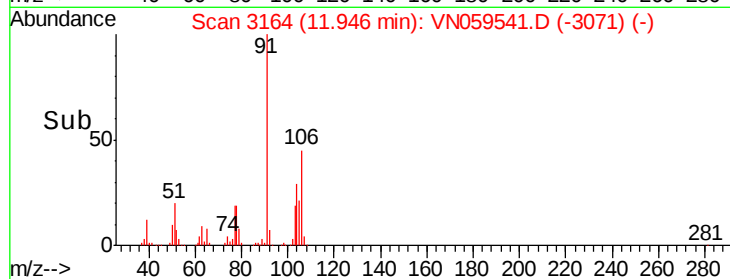
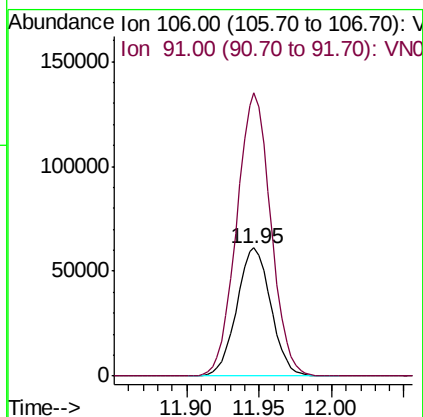
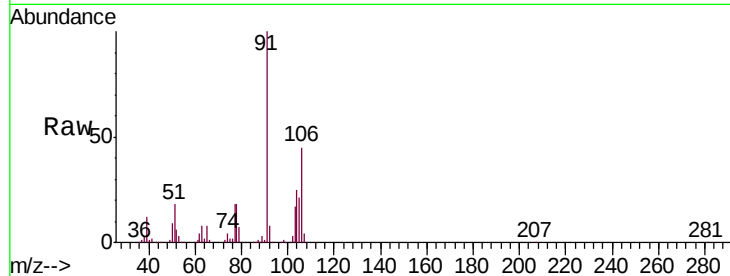




#69
o-Xylene
Concen: 19.282 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

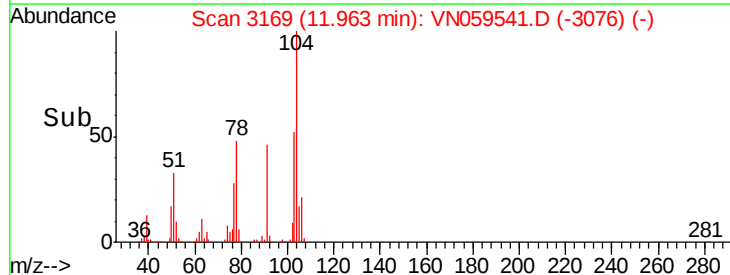
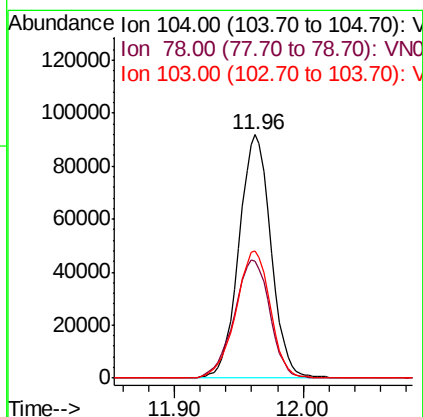
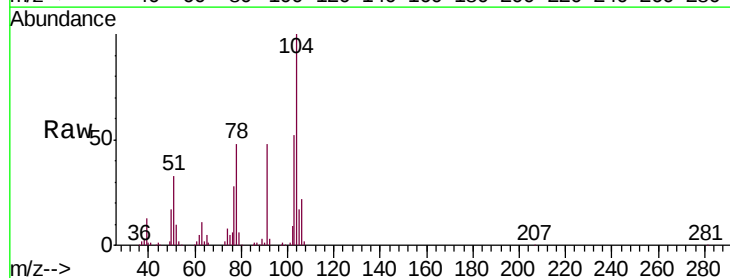
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

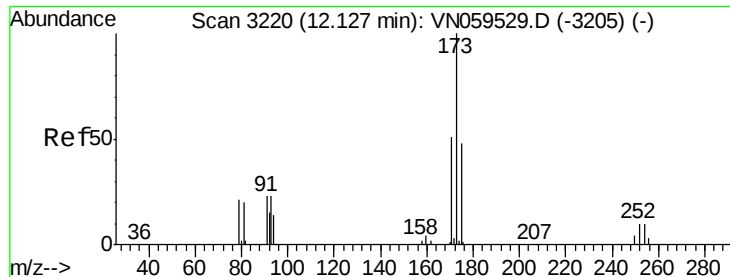
Tgt Ion:106 Resp: 100214
Ion Ratio Lower Upper
106 100
91 221.2 106.7 319.9



#70
Styrene
Concen: 18.412 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion:104 Resp: 158531
Ion Ratio Lower Upper
104 100
78 54.2 40.6 60.8
103 56.4 43.9 65.9

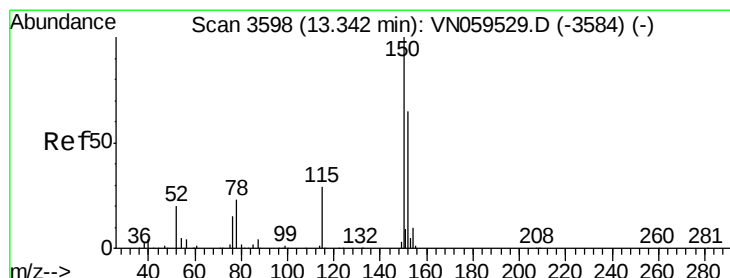
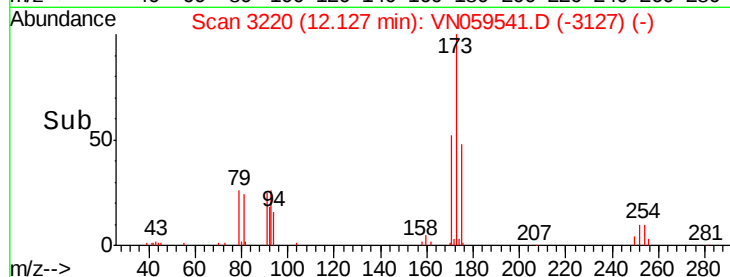
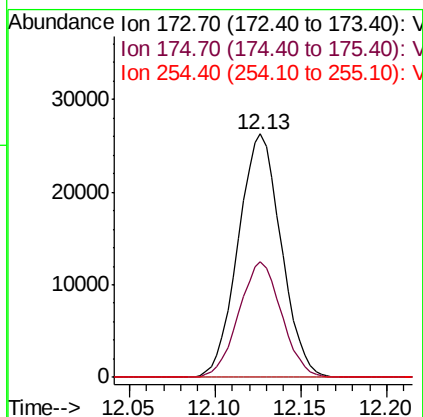
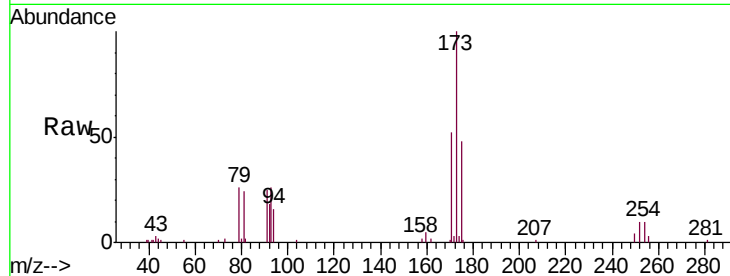




#71
Bromoform
Concen: 18.820 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

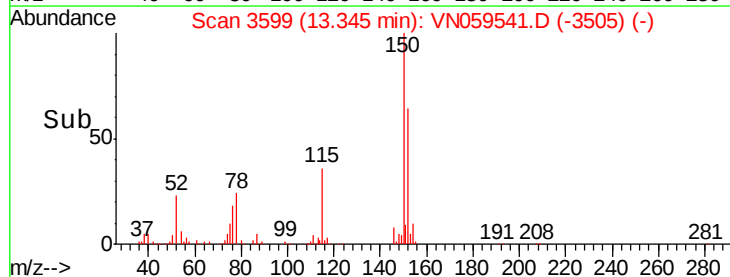
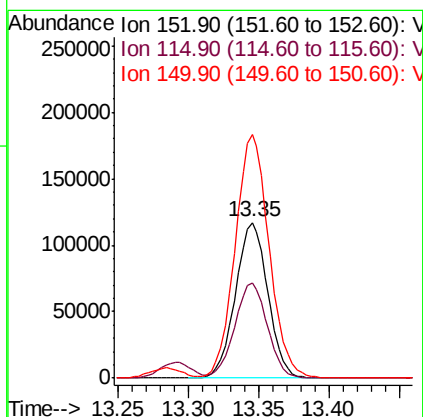
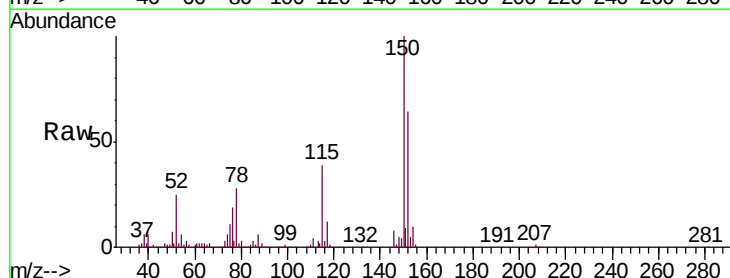
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

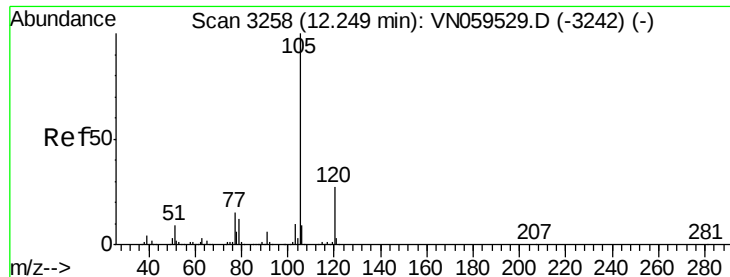
Tgt Ion:173 Resp: 45685
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion:152 Resp: 188618
Ion Ratio Lower Upper
152 100
115 61.1 29.4 88.2
150 164.2 0.0 342.4





#73

Isopropylbenzene

Concen: 19.307 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

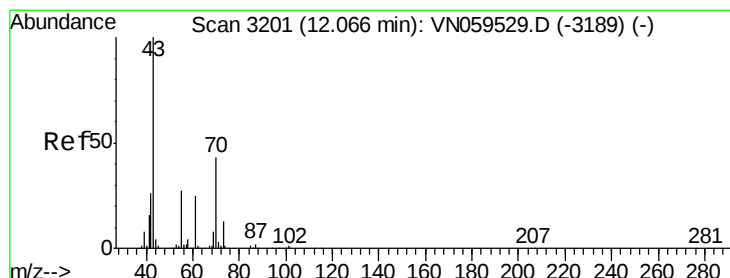
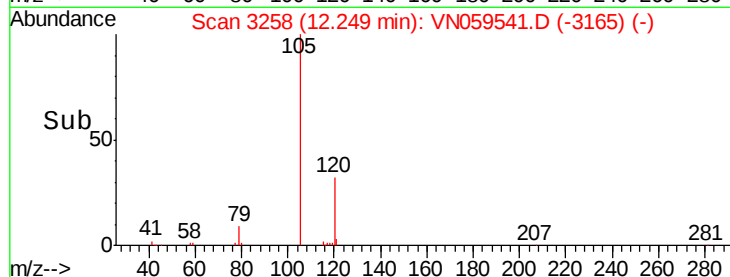
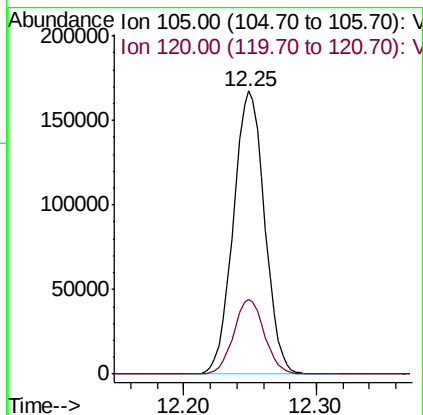
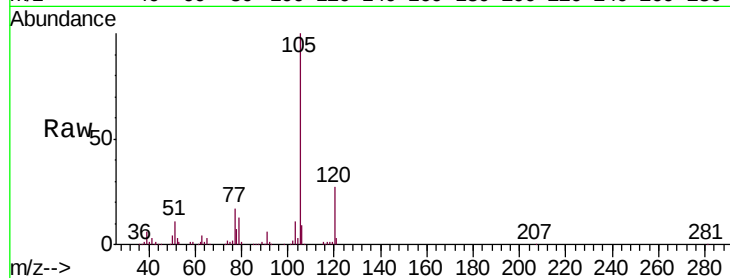
VN1210WBS01

Tgt Ion: 105 Resp: 273166

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 19.712 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Tgt Ion: 43 Resp: 121487

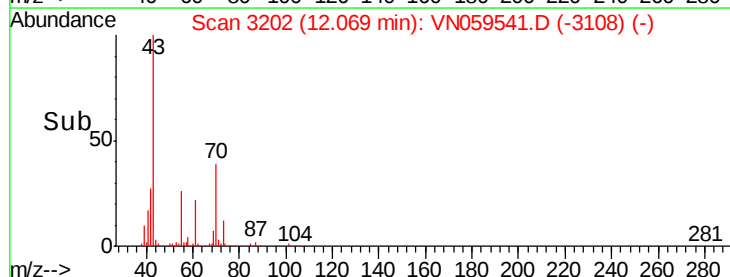
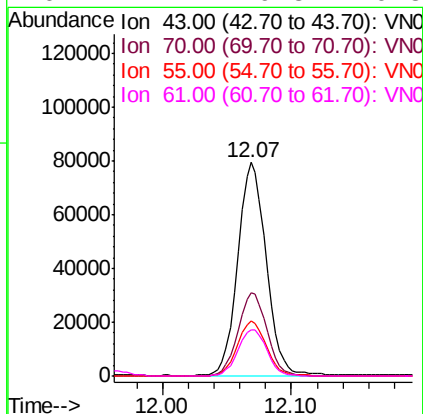
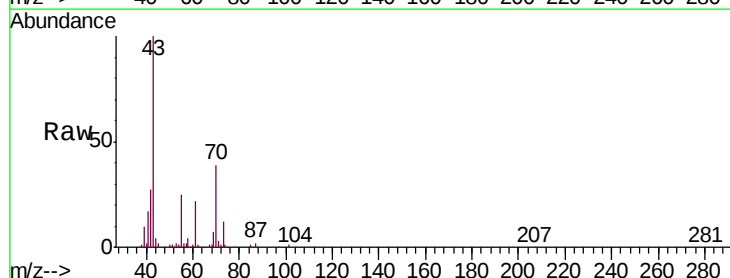
Ion Ratio Lower Upper

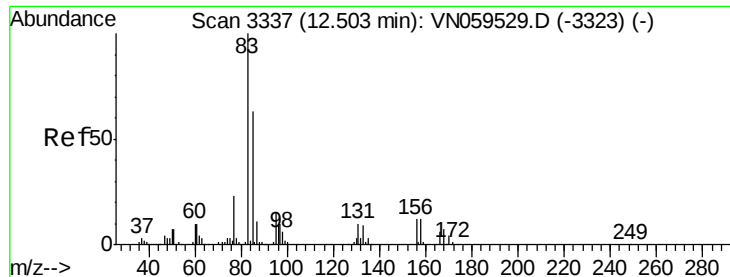
43 100

70 39.4 34.2 51.4

55 26.2 21.3 31.9

61 22.2 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.073 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

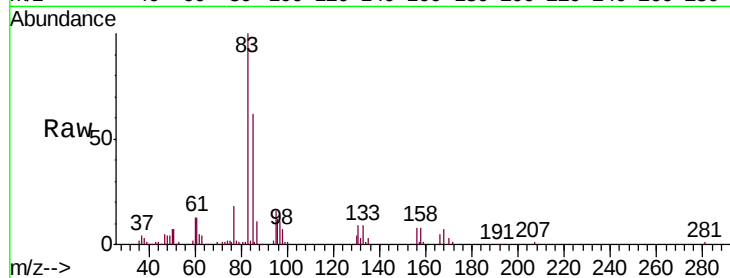
Tgt Ion: 83 Resp: 91438

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

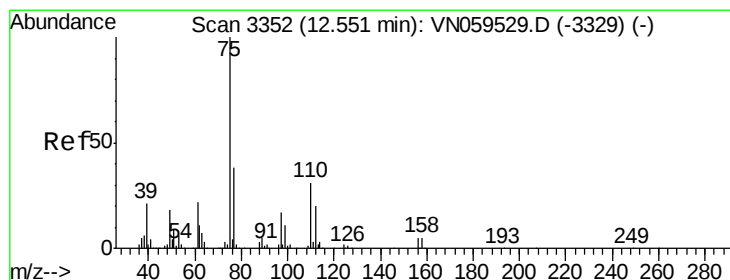
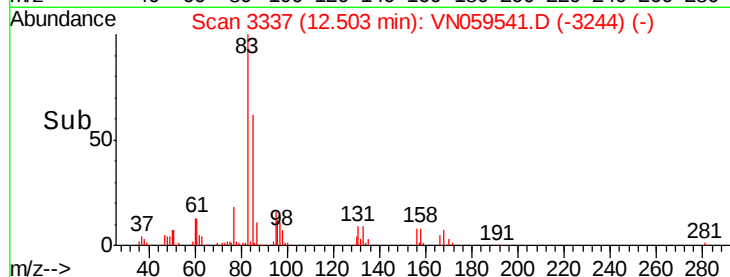
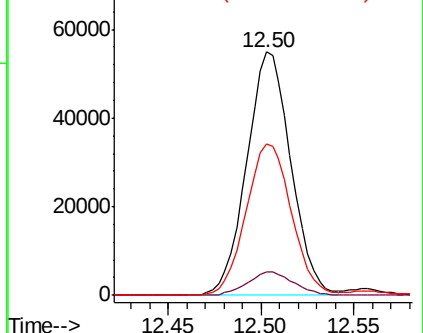
85 63.9 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.392 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059541.D

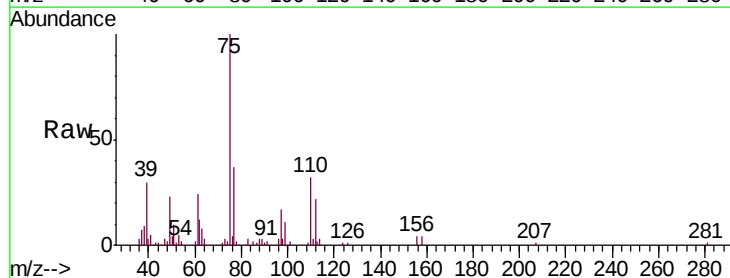
Acq: 10 Dec 2019 12:58

Tgt Ion: 75 Resp: 127298

Ion Ratio Lower Upper

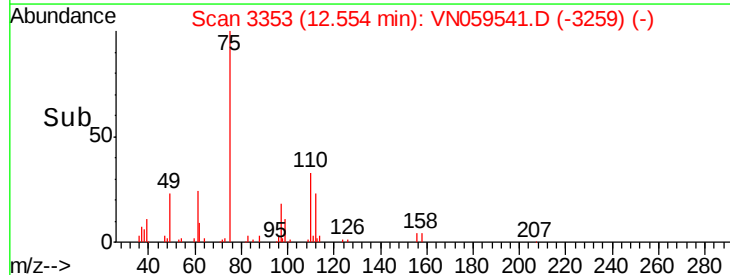
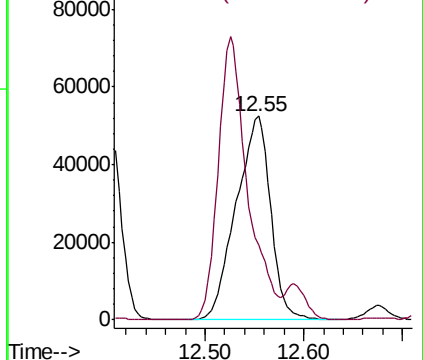
75 100

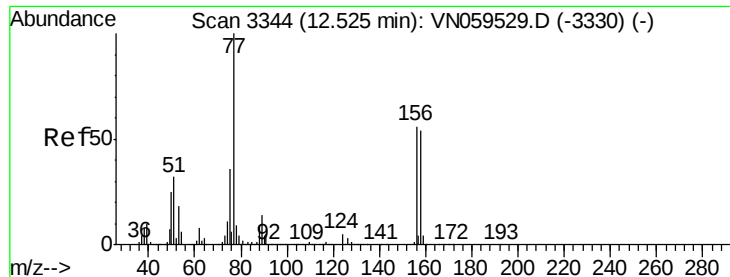
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.758 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

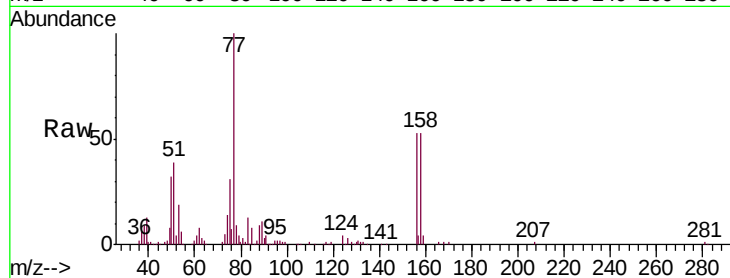
Tgt Ion:156 Resp: 66072

Ion Ratio Lower Upper

156 100

77 231.3 109.3 327.8

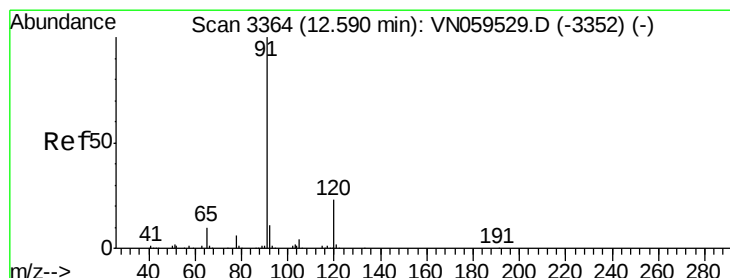
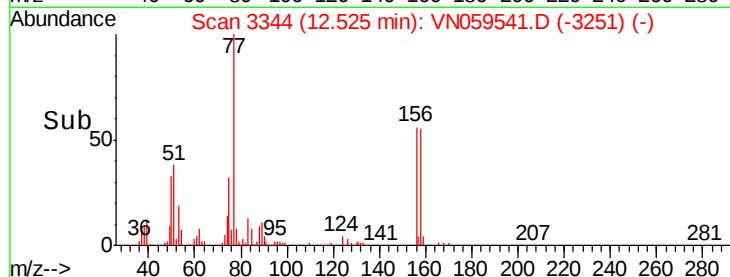
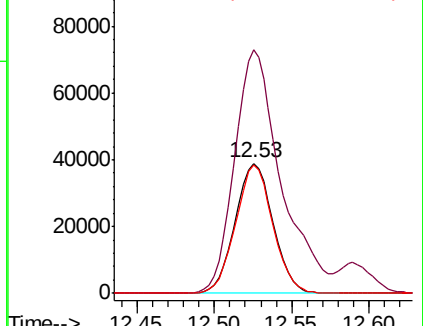
158 97.2 48.6 145.8



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: 19.091 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059541.D

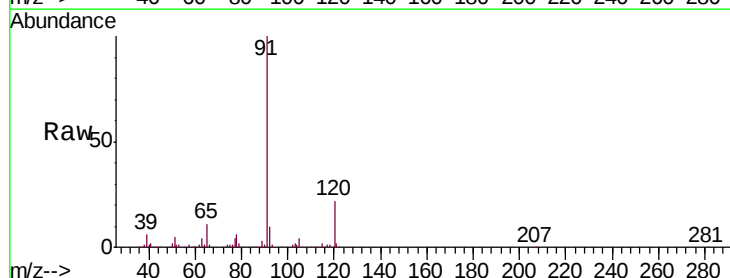
Acq: 10 Dec 2019 12:58

Tgt Ion: 91 Resp: 331924

Ion Ratio Lower Upper

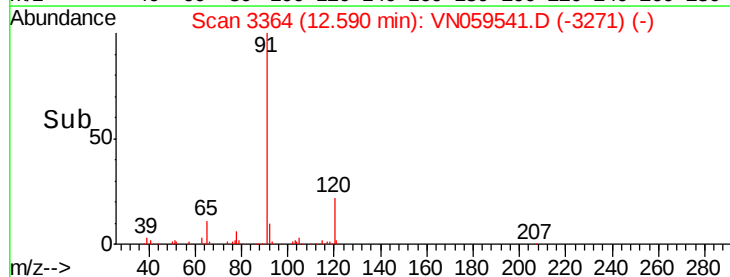
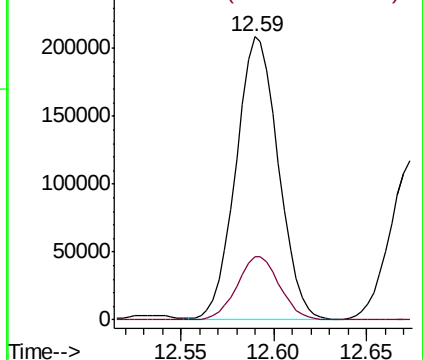
91 100

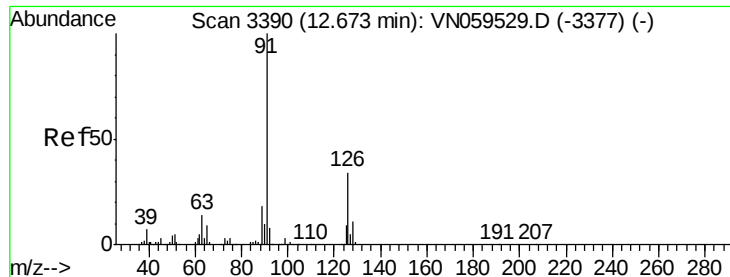
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.865 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

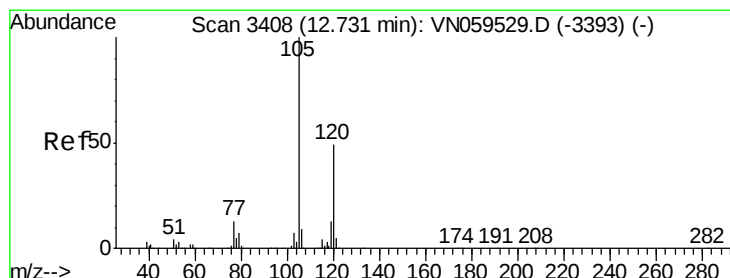
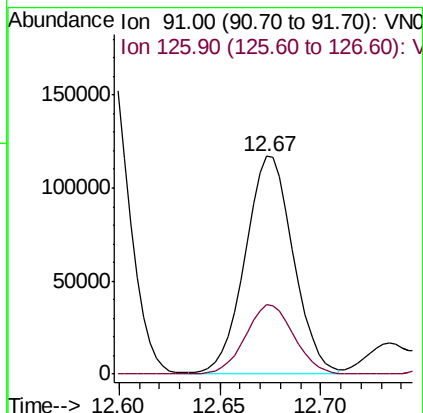
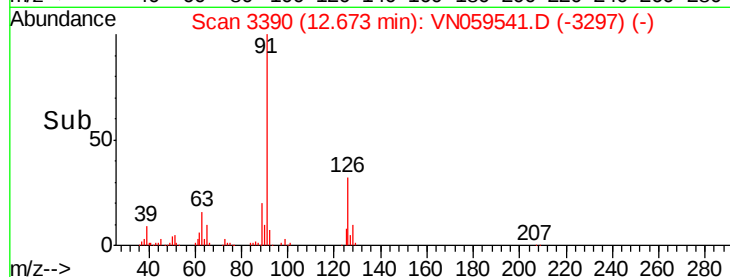
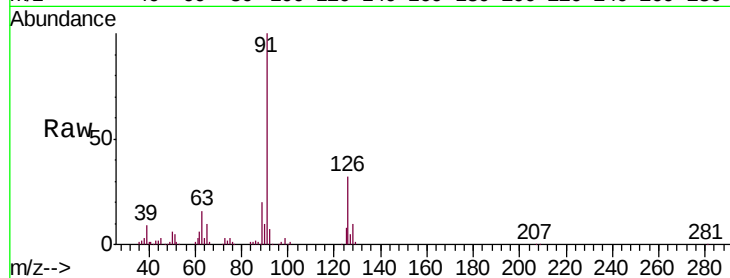
VN1210WBS01

Tgt Ion: 91 Resp: 195577

Ion Ratio Lower Upper

91 100

126 32.1 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 19.215 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059541.D

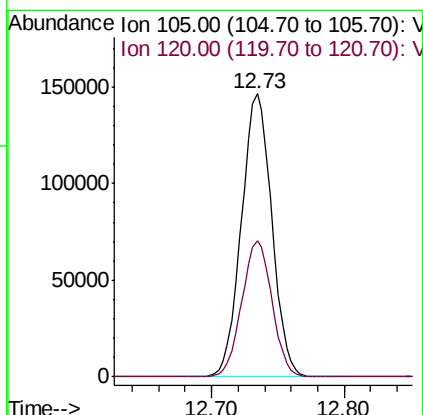
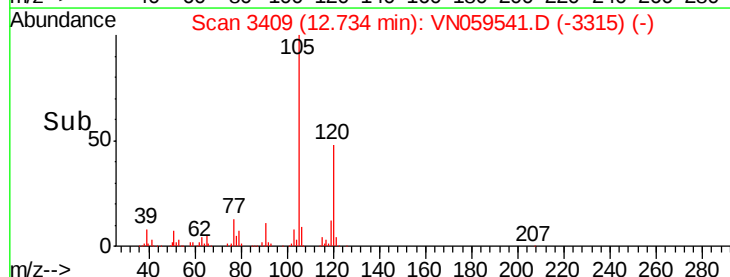
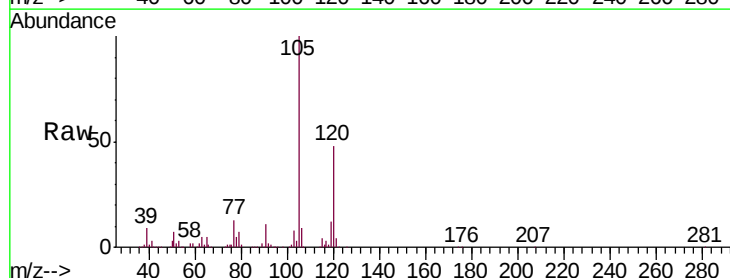
Acq: 10 Dec 2019 12:58

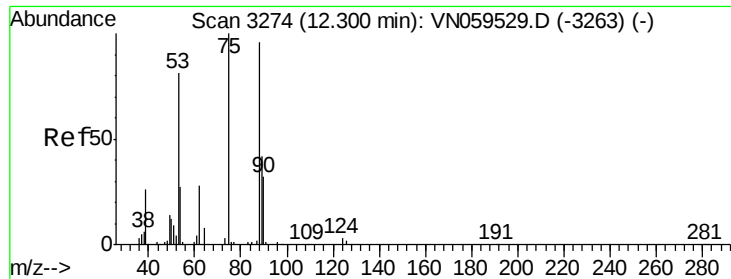
Tgt Ion: 105 Resp: 233124

Ion Ratio Lower Upper

105 100

120 47.8 24.5 73.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.959 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1210WBS01

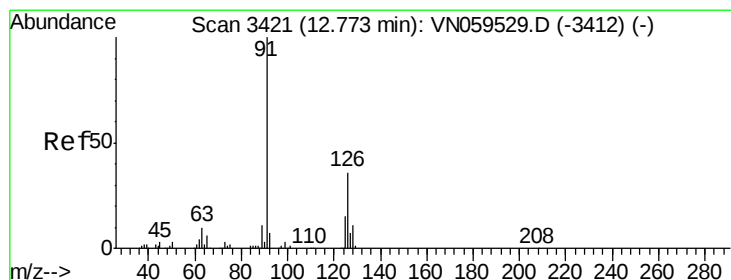
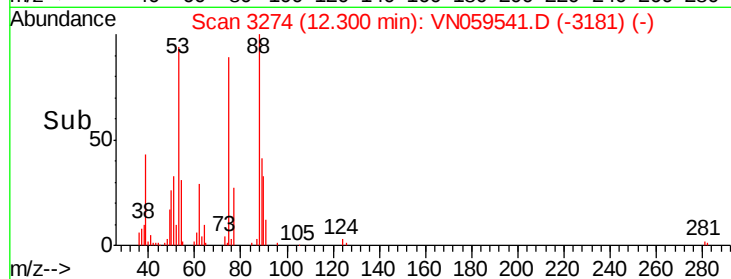
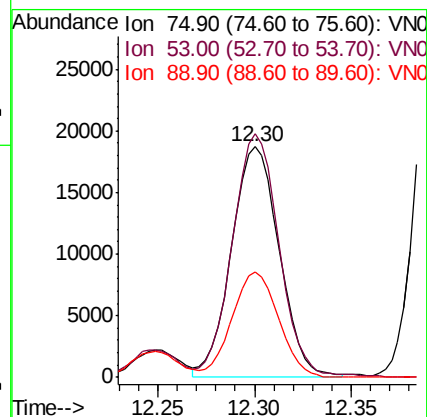
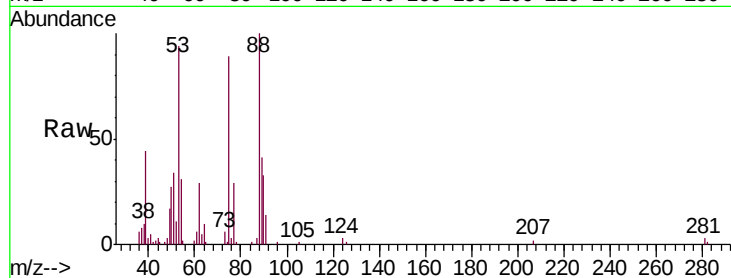
Tgt Ion: 75 Resp: 32196

Ion Ratio Lower Upper

75 100

53 103.7 67.0 100.6#

89 44.5 35.5 53.3



#82

4-Chlorotoluene

Concen: 19.198 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059541.D

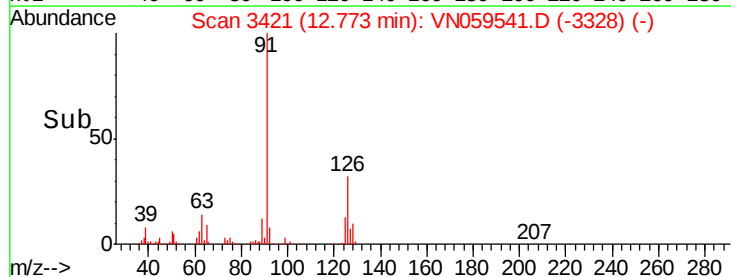
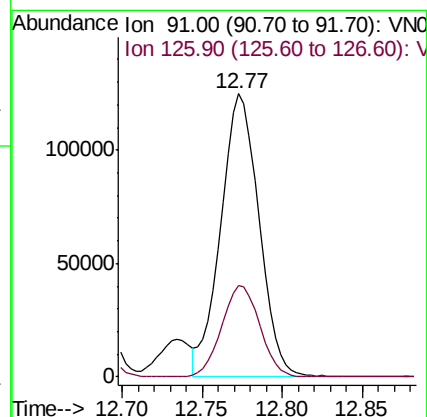
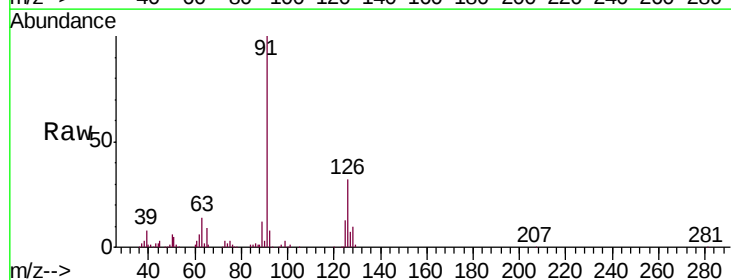
Acq: 10 Dec 2019 12:58

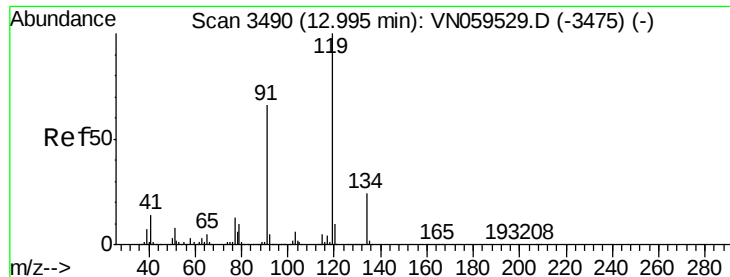
Tgt Ion: 91 Resp: 203511

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.4

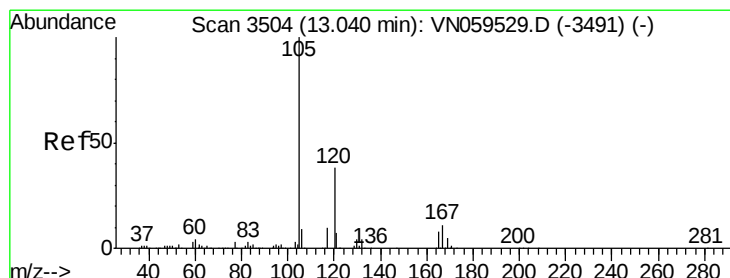
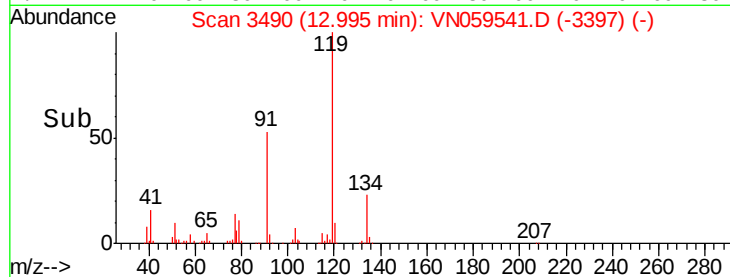
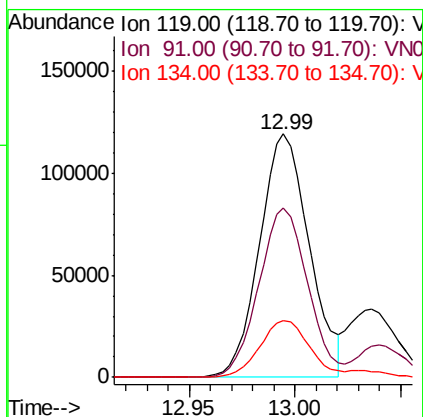
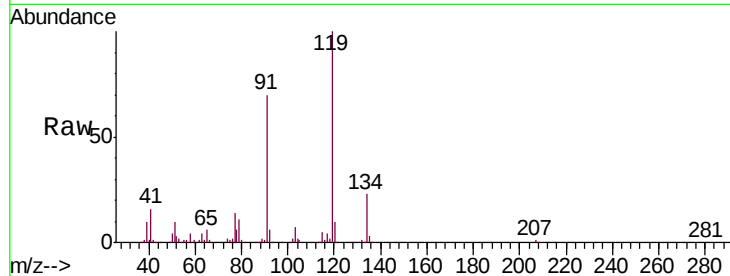




#83
 tert-Butylbenzene
 Concen: 19.406 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

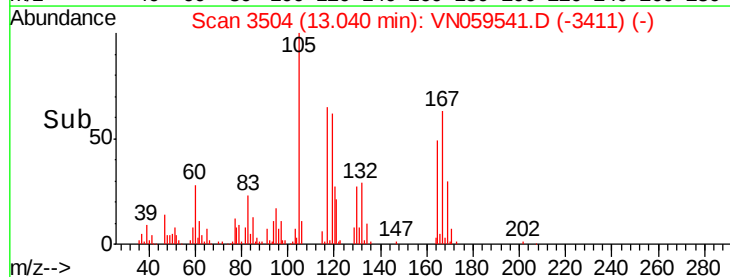
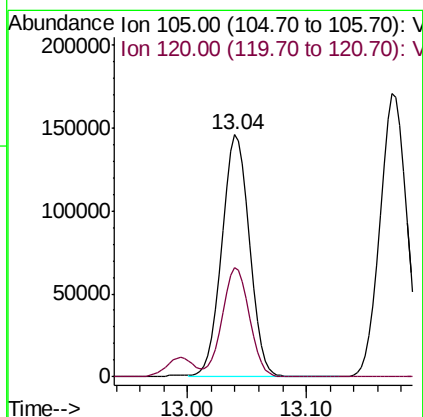
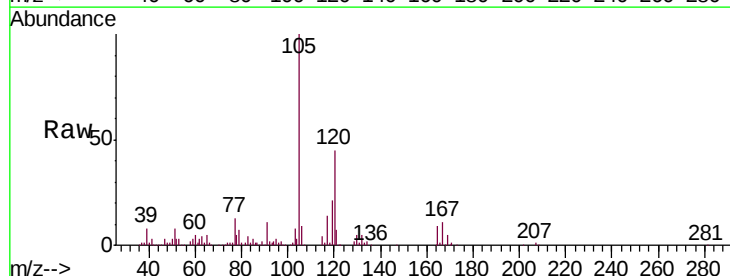
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

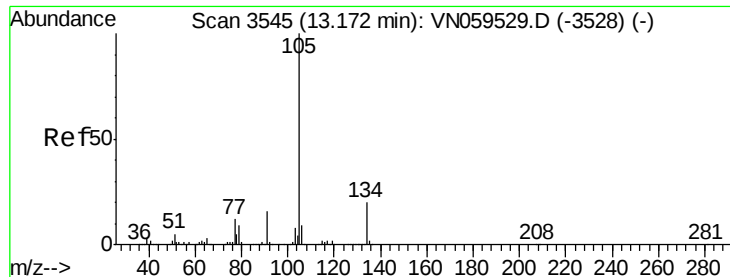
Tgt Ion:119 Resp: 196339
 Ion Ratio Lower Upper
 119 100
 91 68.7 32.8 98.4
 134 23.3 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.540 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion:105 Resp: 234083
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.8 68.3

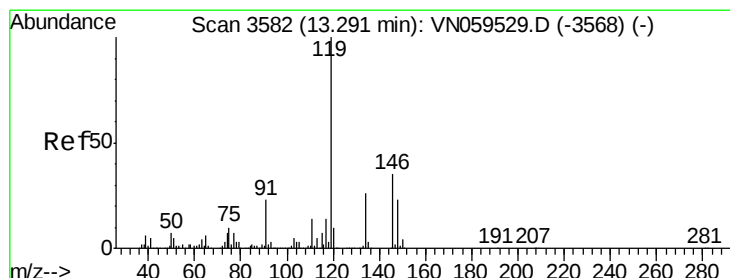
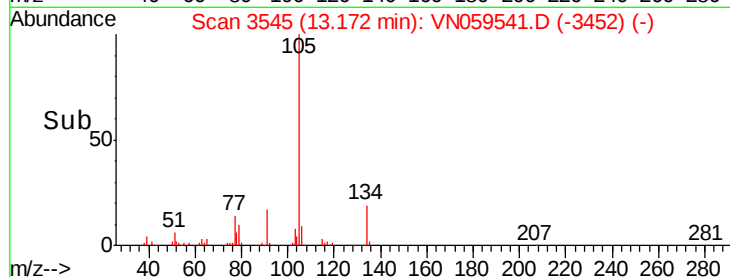
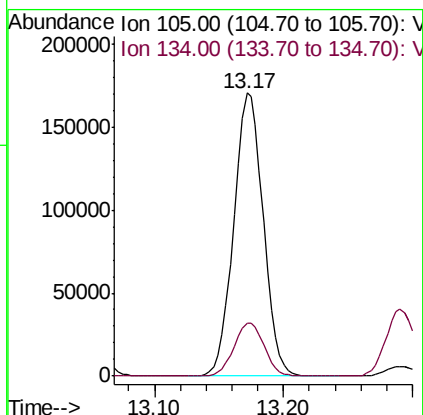
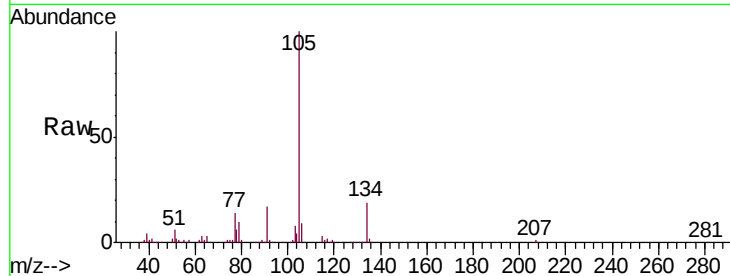




#85
 sec-Butylbenzene
 Concen: 19.429 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

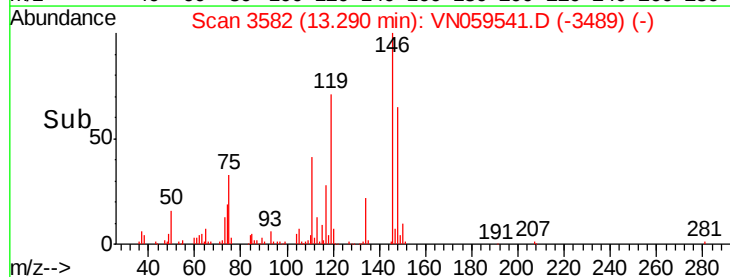
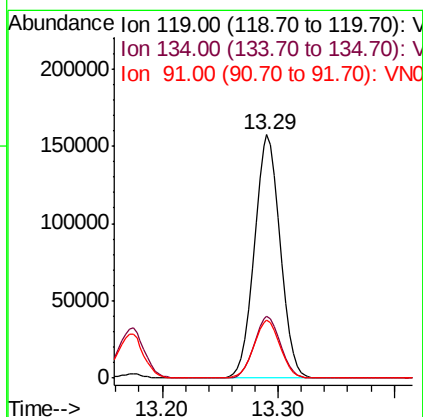
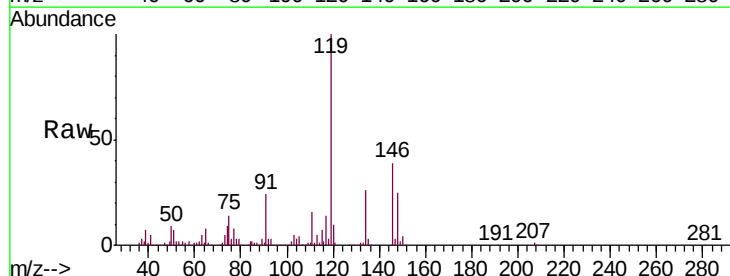
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Tgt Ion:105 Resp: 270000
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.721 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion:119 Resp: 244939
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 18.745 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

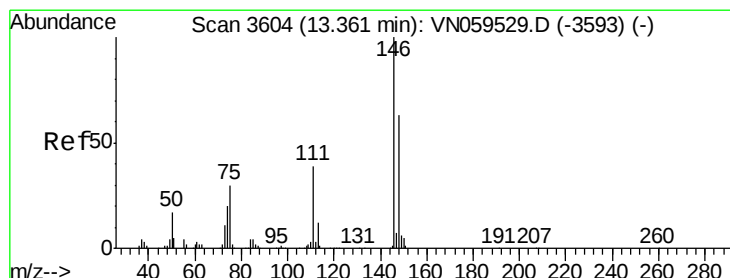
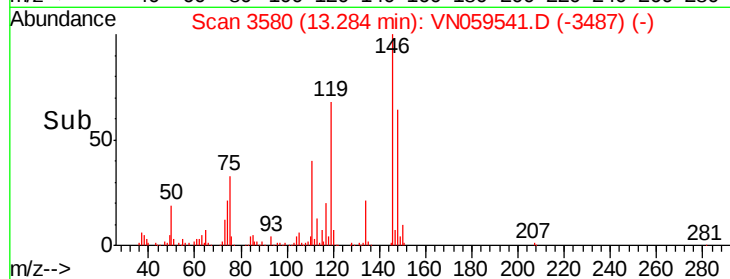
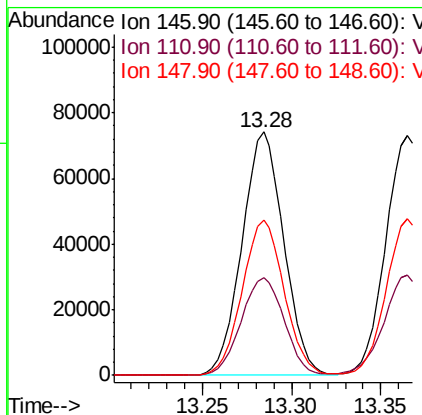
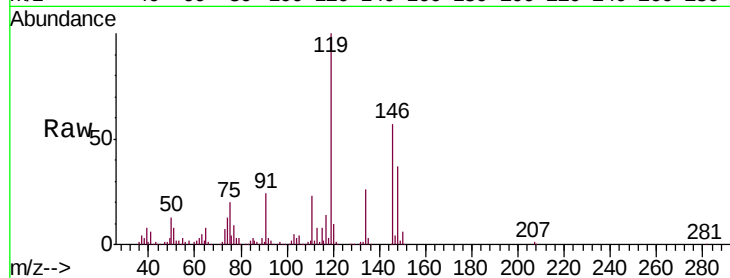
Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

Tgt Ion:	146	Resp:	121612
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	64.1	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 19.063 ug/l

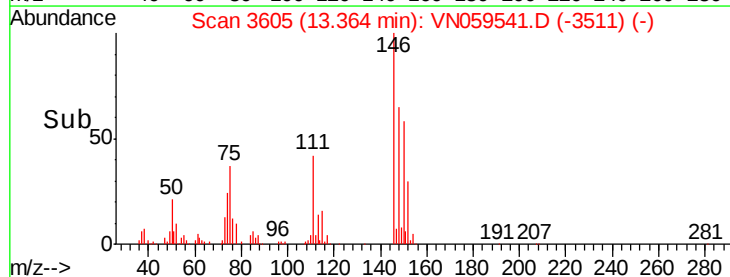
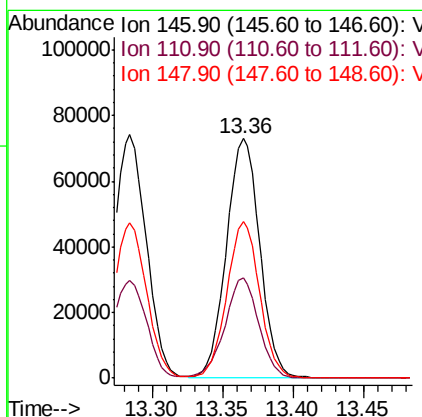
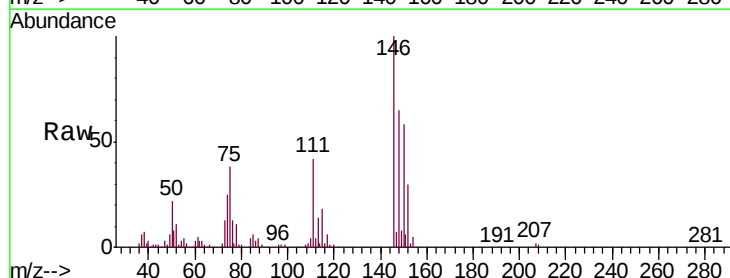
RT: 13.36 min Scan# 3605

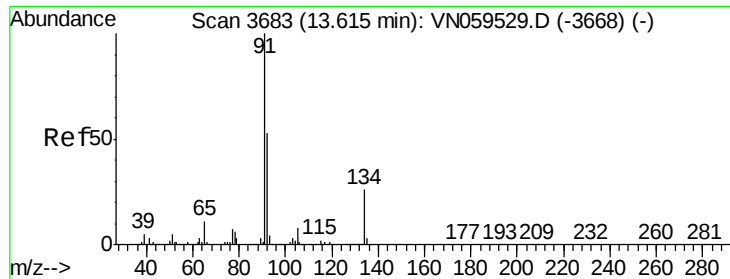
Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Tgt Ion:	146	Resp:	121095
Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.0	59.9
148	63.7	31.9	95.7





#89

n-Butylbenzene

Concen: 19.238 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

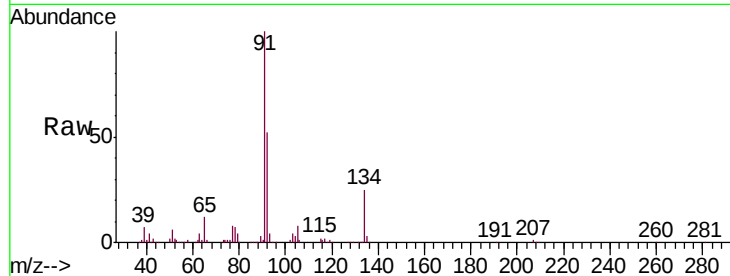
Tgt Ion: 91 Resp: 224367

Ion Ratio Lower Upper

91 100

92 51.5 26.3 78.9

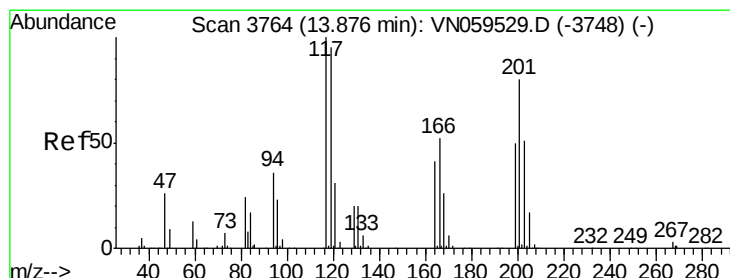
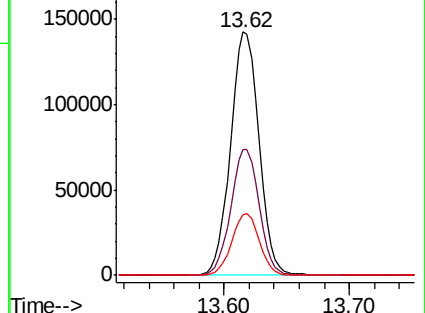
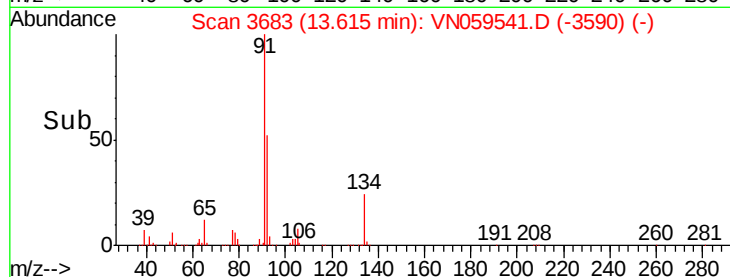
134 24.6 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN059541.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN059541.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN059541.D (-3590) (-)



#90

Hexachloroethane

Concen: 20.195 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059541.D

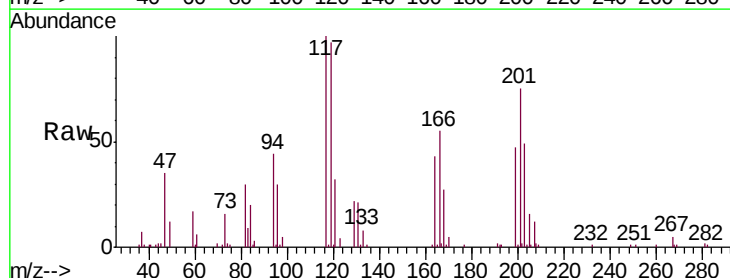
Acq: 10 Dec 2019 12:58

Tgt Ion: 117 Resp: 46065

Ion Ratio Lower Upper

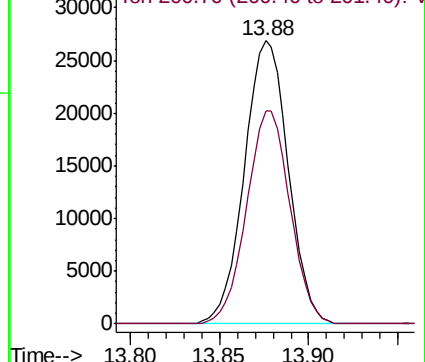
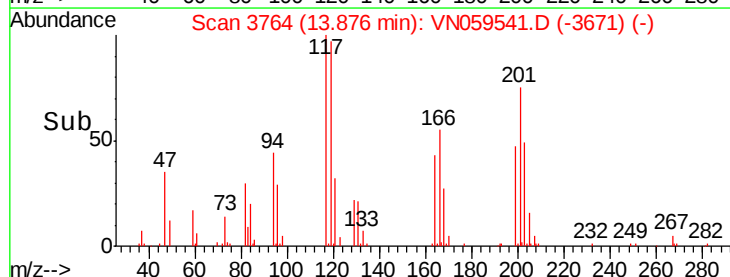
117 100

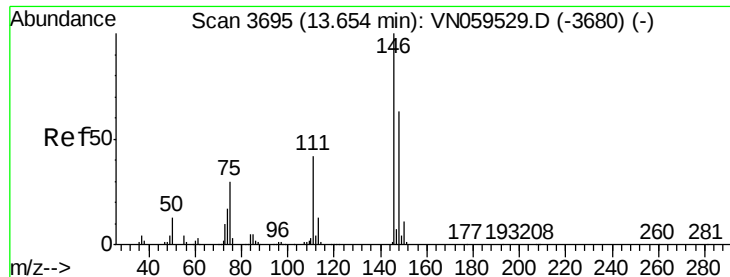
201 74.6 40.5 121.5



Abundance Ion 116.80 (116.50 to 117.50): VN059541.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN059541.D (-3671) (-)





#91

1,2-Dichlorobenzene

Concen: 19.592 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBS01

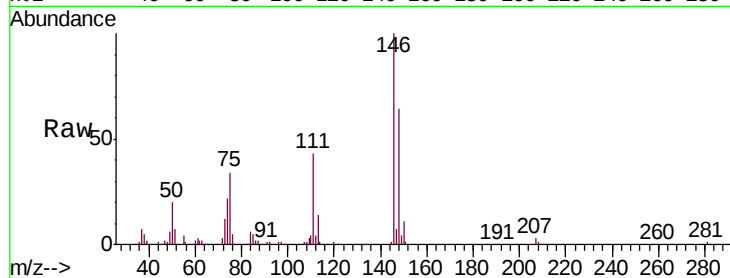
Tgt Ion:146 Resp: 119280

Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.7

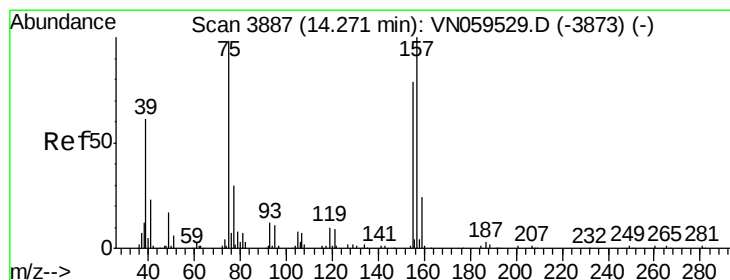
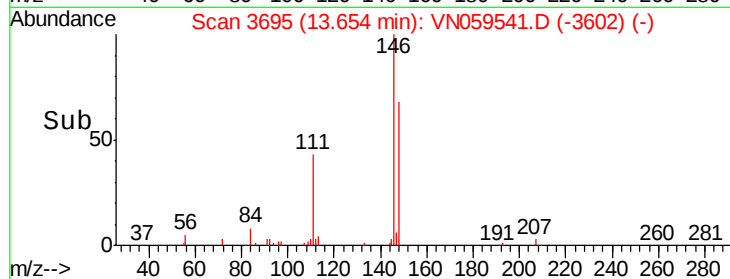
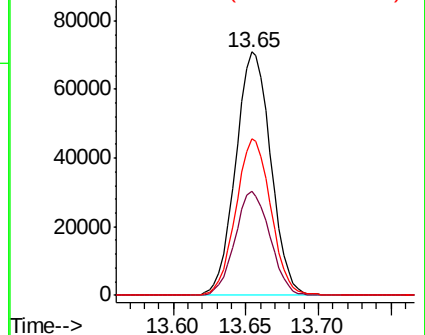
148 64.1 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.772 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059541.D

Acq: 10 Dec 2019 12:58

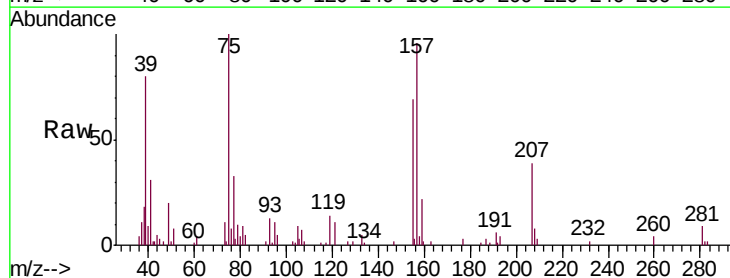
Tgt Ion: 75 Resp: 21440

Ion Ratio Lower Upper

75 100

155 70.1 40.4 121.1

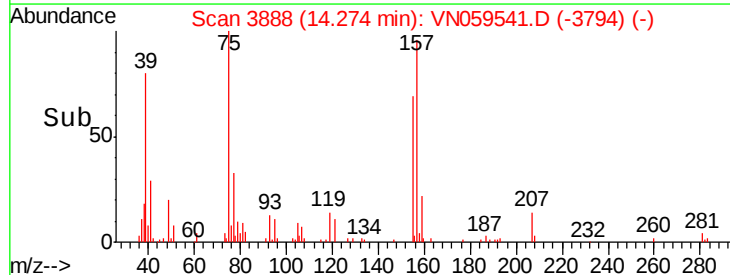
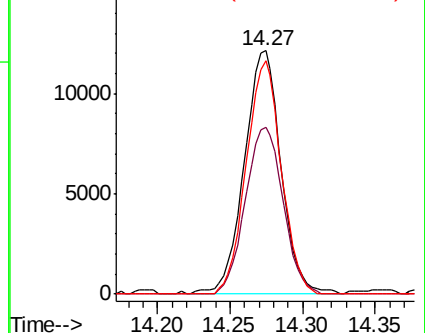
157 91.0 51.1 153.3

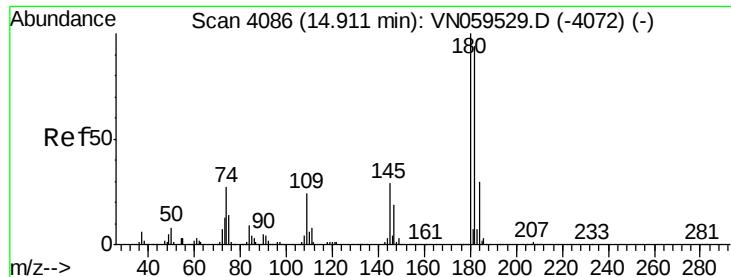


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

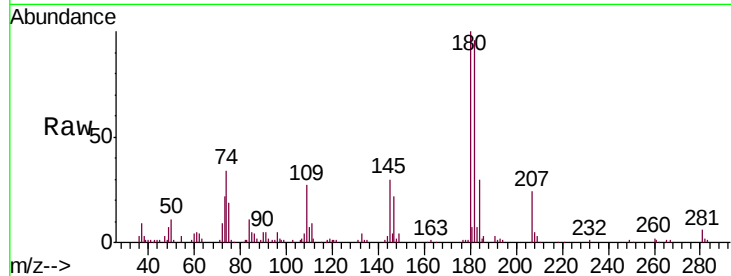




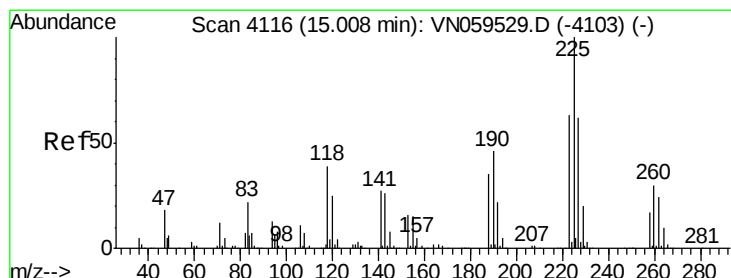
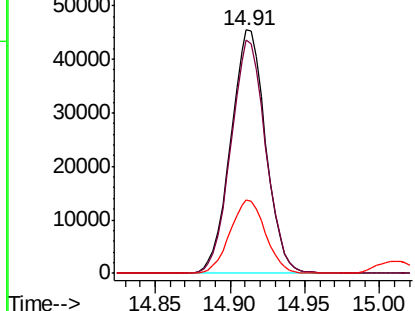
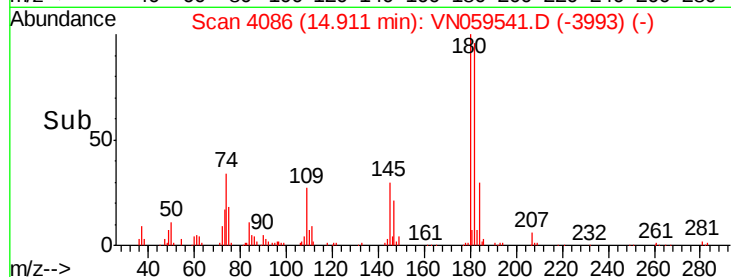
#93
 1,2,4-Trichlorobenzene
 Concen: 17.488 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS01

Tgt Ion:180 Resp: 73643
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 142.0
 145 30.7 14.9 44.7

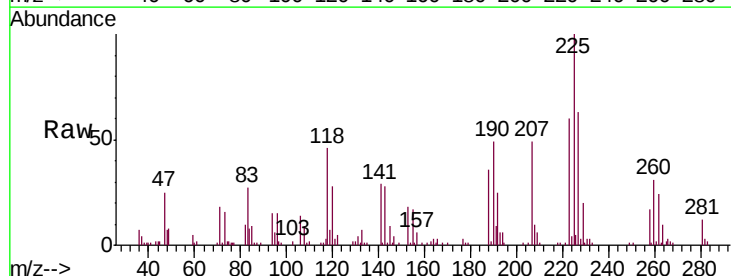


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

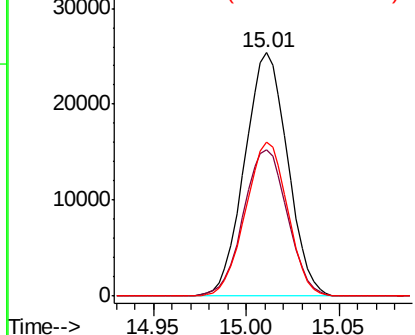
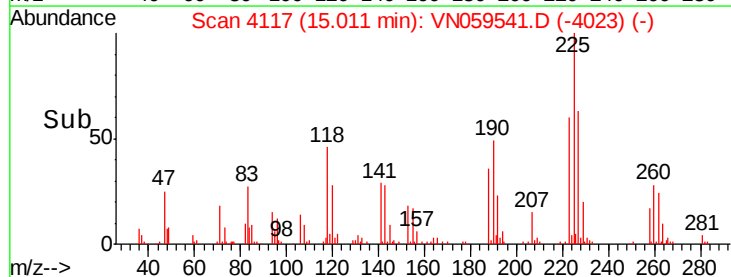


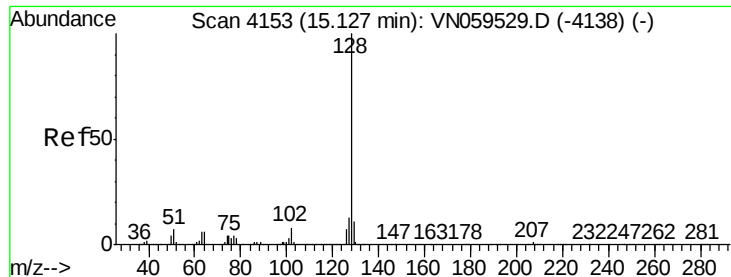
#94
 Hexachlorobutadiene
 Concen: 19.026 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059541.D
 Acq: 10 Dec 2019 12:58

Tgt Ion:225 Resp: 40932
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.9
 227 61.9 31.6 95.0



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

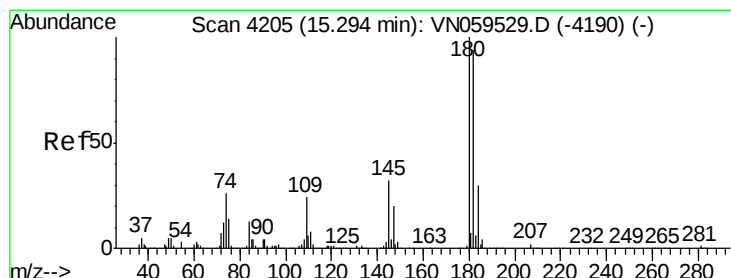
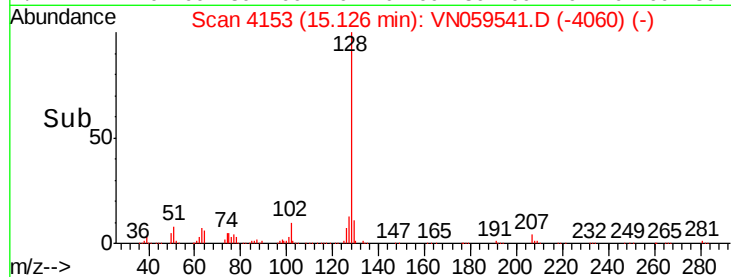
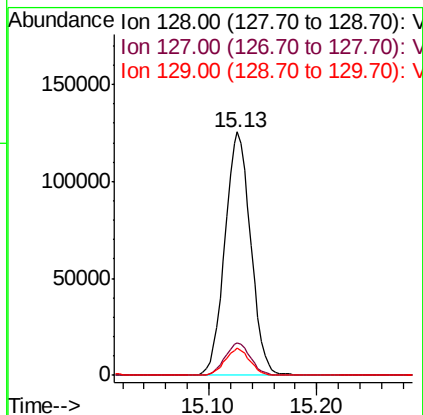
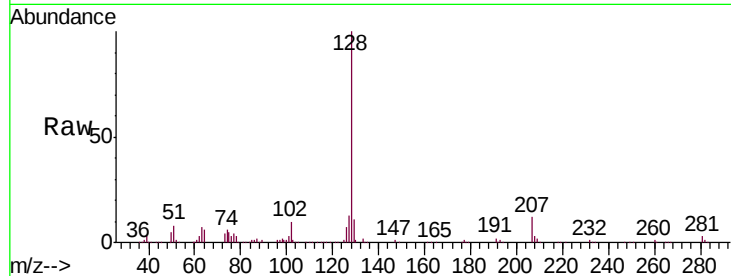




#95
Naphthalene
Concen: 16.941 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.314 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059541.D
Acq: 10 Dec 2019 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	33.0	15.8	47.4

