

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059622.D
 Acq On : 17 Dec 2019 14:15
 Operator : JC/SP
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Quant Time: Dec 18 05:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	244348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	398773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	362498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166816	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	177373	49.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.78%	
35) Dibromofluoromethane	7.56	113	121925	48.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.74%	
50) Toluene-d8	10.08	98	483352	48.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.40	95	170583	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	56125	17.775	ug/l	99
3) Chloromethane	2.04	50	100772	20.112	ug/l	100
4) Vinyl Chloride	2.17	62	95080	20.010	ug/l	97
5) Bromomethane	2.55	94	53749	19.458	ug/l	100
6) Chloroethane	2.69	64	55705	20.859	ug/l	98
7) Trichlorofluoromethane	3.00	101	102462	19.654	ug/l	97
8) Diethyl Ether	3.38	74	31642	19.425	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51095	19.448	ug/l	99
10) Methyl Iodide	3.93	142	64914	18.664	ug/l	98
11) Tert butyl alcohol	4.74	59	51093	78.380	ug/l	99
12) 1,1-Dichloroethene	3.71	96	49513	19.319	ug/l	98
13) Acrolein	3.58	56	31206	67.205	ug/l	98
14) Allyl chloride	4.29	41	91602	17.411	ug/l	94
15) Acrylonitrile	4.95	53	155673	98.729	ug/l	100
16) Acetone	3.78	43	168027	79.596	ug/l	98
17) Carbon Disulfide	4.03	76	156044	18.225	ug/l	100
18) Methyl Acetate	4.29	43	83098	18.786	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	179462	19.832	ug/l	96
20) Methylene Chloride	4.52	84	61358	20.125	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	55216	19.326	ug/l	96
22) Diisopropyl ether	5.92	45	199234	20.541	ug/l	95
23) Vinyl Acetate	5.86	43	829963	109.035	ug/l	99
24) 1,1-Dichloroethane	5.82	63	113804	20.713	ug/l	99
25) 2-Butanone	6.80	43	221743	87.841	ug/l	98
26) 2,2-Dichloropropane	6.79	77	100119	20.049	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	64036	20.227	ug/l	100
28) Bromochloromethane	7.17	49	41993	18.487	ug/l	97
29) Tetrahydrofuran	7.18	42	144360	93.859	ug/l	99
30) Chloroform	7.35	83	109238	20.198	ug/l	96
31) Cyclohexane	7.63	56	100477	19.354	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	96009	19.691	ug/l	100
36) 1,1-Dichloropropene	7.77	75	80881	19.449	ug/l	99
37) Ethyl Acetate	6.90	43	93706	19.387	ug/l	99
38) Carbon Tetrachloride	7.75	117	83884	19.439	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059622.D
 Acq On : 17 Dec 2019 14:15
 Operator : JC/SP
 Sample : VN1217WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

Quant Time: Dec 18 05:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	91030	19.298	ug/l	99
40) Benzene	8.02	78	241614	19.881	ug/l	100
41) Methacrylonitrile	7.18	41	133289	66.820	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	92615	19.899	ug/l	99
43) Isopropyl Acetate	8.14	43	145894	19.415	ug/l	99
44) Trichloroethene	8.82	130	61808	19.416	ug/l	99
45) 1,2-Dichloropropane	9.10	63	65497	19.958	ug/l	97
46) Dibromomethane	9.19	93	43311	20.144	ug/l	98
47) Bromodichloromethane	9.39	83	84943	19.816	ug/l	100
48) Methyl methacrylate	9.18	41	62913	18.453	ug/l	99
49) 1,4-Dioxane	9.18	88	14949	305.964	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	446502	99.656	ug/l	99
52) Toluene	10.14	92	145940	19.544	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	97341	19.634	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	102927	19.751	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	58385	19.925	ug/l	98
56) Ethyl methacrylate	10.42	69	82774	19.029	ug/l	98
57) 1,3-Dichloropropane	10.70	76	103366	20.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	150007	108.428	ug/l	100
59) 2-Hexanone	10.74	43	328584	93.052	ug/l	98
60) Dibromochloromethane	10.89	129	62758	19.624	ug/l	99
61) 1,2-Dibromoethane	11.00	107	59986	19.303	ug/l	98
64) Tetrachloroethene	10.62	164	59411	17.581	ug/l	97
65) Chlorobenzene	11.43	112	152747	19.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	58339	19.582	ug/l	99
67) Ethyl Benzene	11.51	91	275293	19.444	ug/l	98
68) m/p-Xylenes	11.62	106	204536	39.123	ug/l	100
69) o-Xylene	11.94	106	97856	19.671	ug/l	99
70) Styrene	11.96	104	152094	19.029	ug/l	98
71) Bromoform	12.12	173	43148	19.267	ug/l #	98
73) Isopropylbenzene	12.25	105	260978	19.929	ug/l	99
74) N-amyl acetate	12.07	43	114075	18.991	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	82817	19.937	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	121326	29.379	ug/l #	100
77) Bromobenzene	12.52	156	62674	19.462	ug/l	99
78) n-propylbenzene	12.59	91	308009	19.898	ug/l	100
79) 2-Chlorotoluene	12.67	91	183413	19.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	218135	19.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	31736	18.981	ug/l	98
82) 4-Chlorotoluene	12.77	91	188977	19.718	ug/l	99
83) tert-Butylbenzene	12.99	119	182786	19.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	219758	19.943	ug/l	99
85) sec-Butylbenzene	13.17	105	247104	19.794	ug/l	99
86) p-Isopropyltoluene	13.29	119	220860	19.534	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	111196	18.777	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	110394	18.490	ug/l	99
89) n-Butylbenzene	13.62	91	195906	18.481	ug/l	100
90) Hexachloroethane	13.87	117	42352	19.817	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	110675	18.951	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18824	17.301	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
Data File : VN059622.D
Acq On : 17 Dec 2019 14:15
Operator : JC/SP
Sample : VN1217WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Quant Time: Dec 18 05:46:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

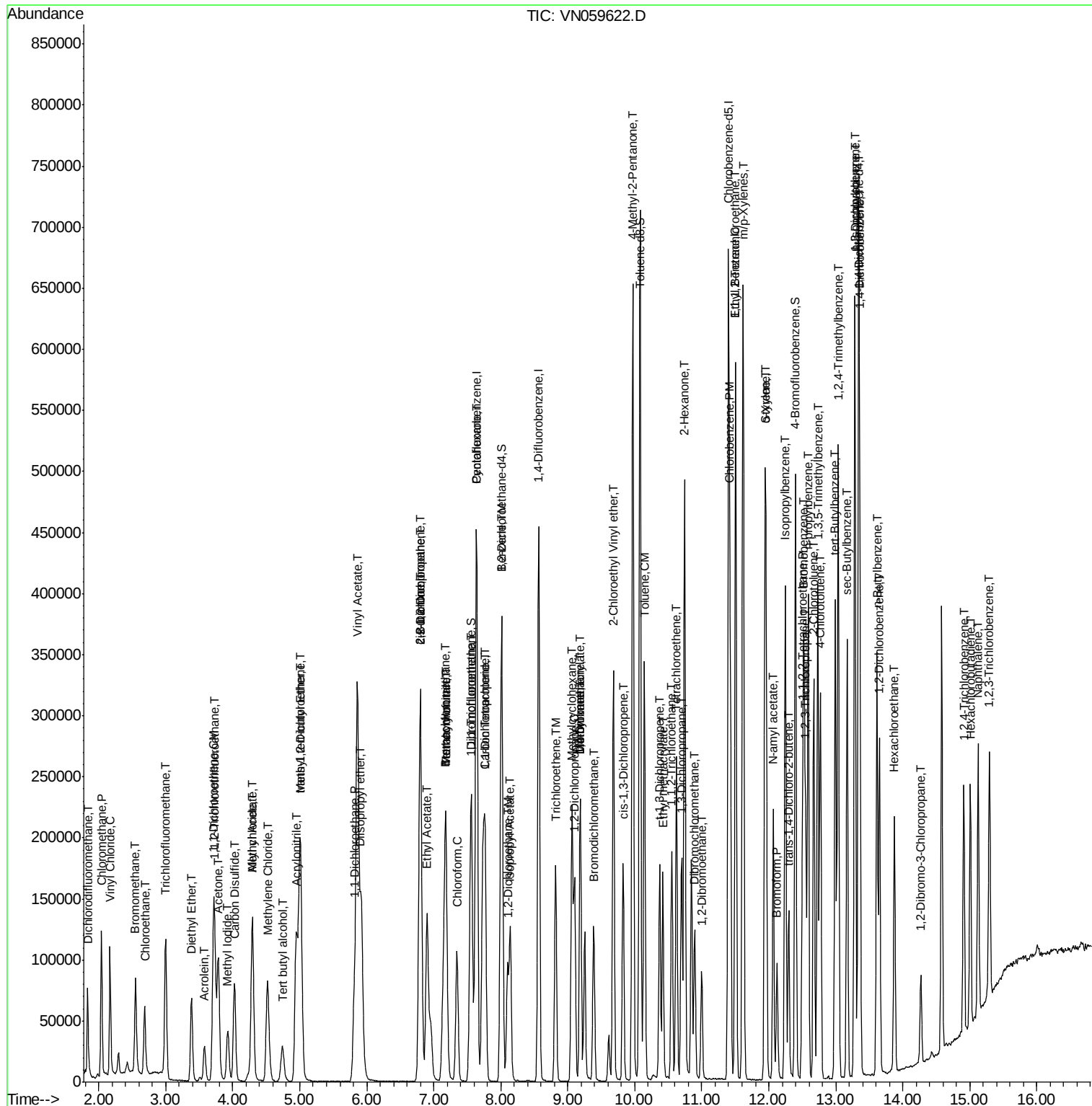
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61544	16.320	ug/l	100
94) Hexachlorobutadiene	15.01	225	36714	18.985	ug/l	97
95) Naphthalene	15.12	128	174269	15.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61152	16.033	ug/l	100

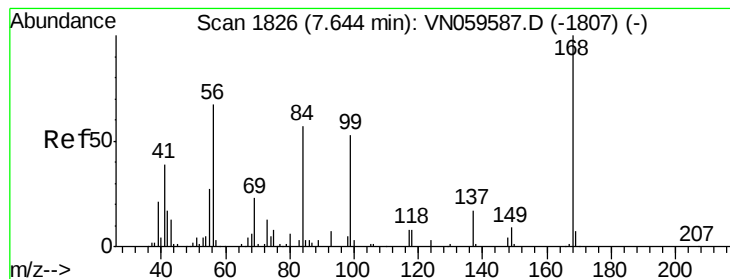
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
Data File : VN059622.D
Acq On : 17 Dec 2019 14:15
Operator : JC/SP
Sample : VN1217WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Quant Time: Dec 18 05:46:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

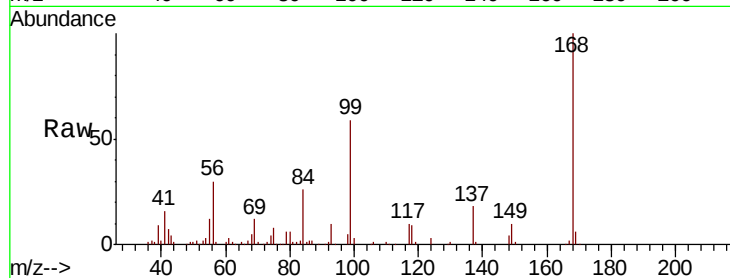
VN1217WBS01

Tot Ion:168 Resp: 244348

Ion Ratio Lower Upper

168 100

99 59.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

40000

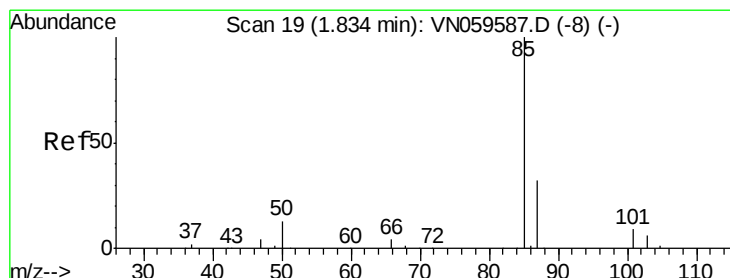
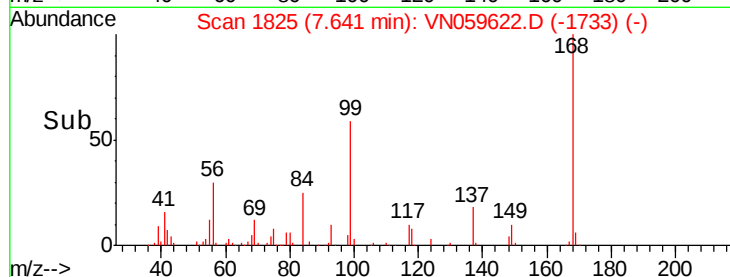
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.775 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059622.D

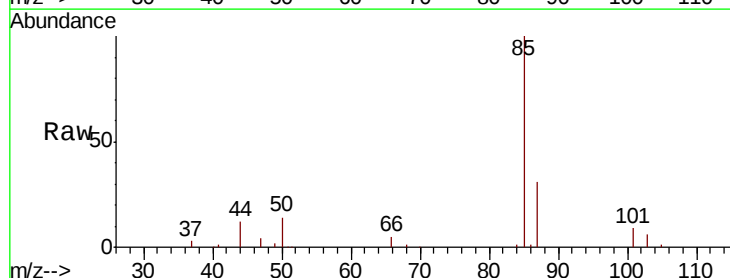
Acq: 17 Dec 2019 14:15

Tgt Ion: 85 Resp: 56125

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

20000

10000

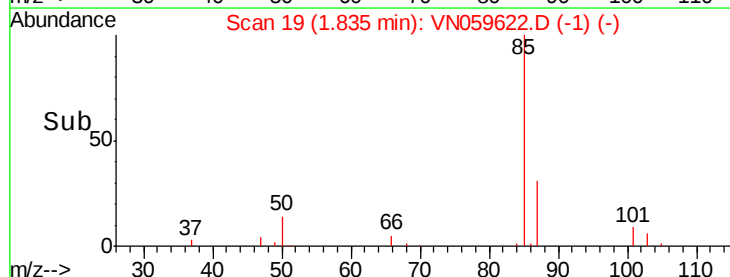
0

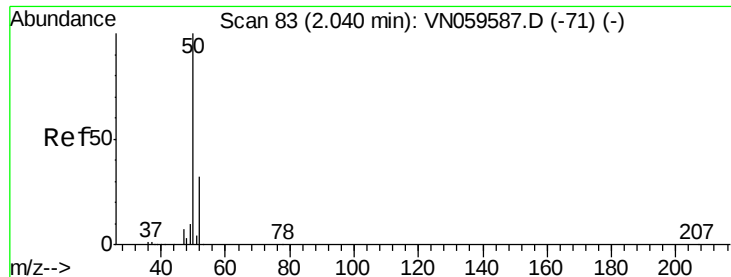
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 20.112 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

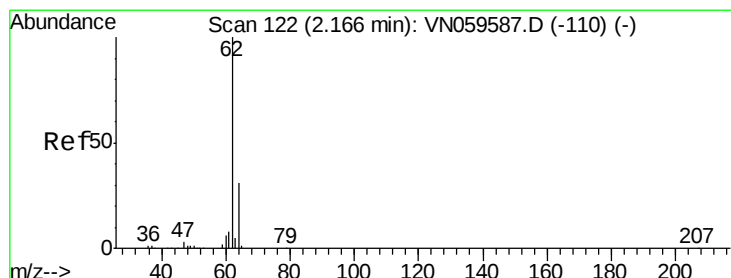
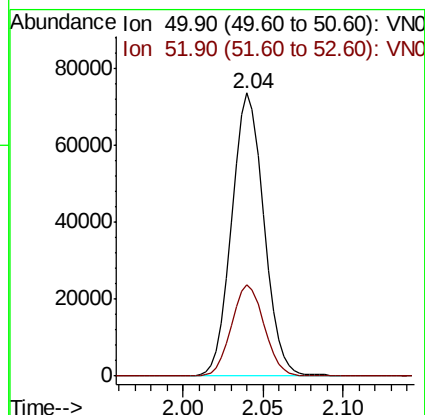
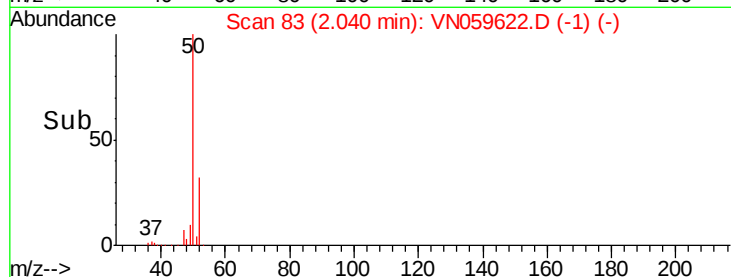
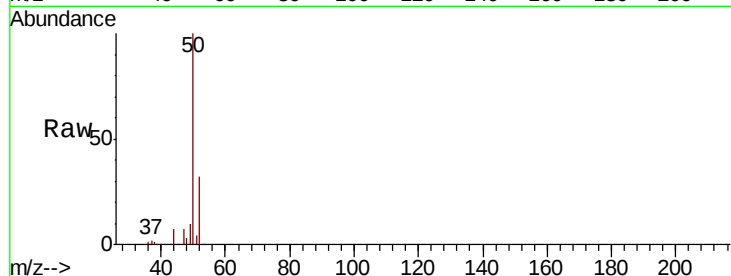
VN1217WBS01

Tot Ion: 50 Resp: 100772

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 20.010 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059622.D

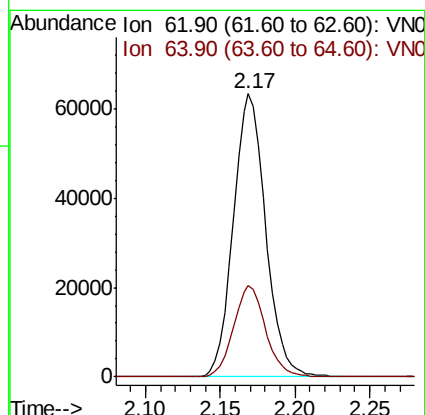
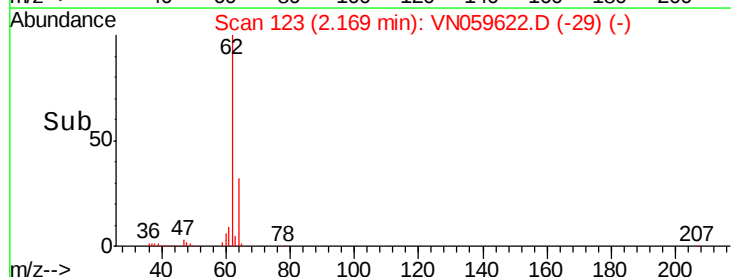
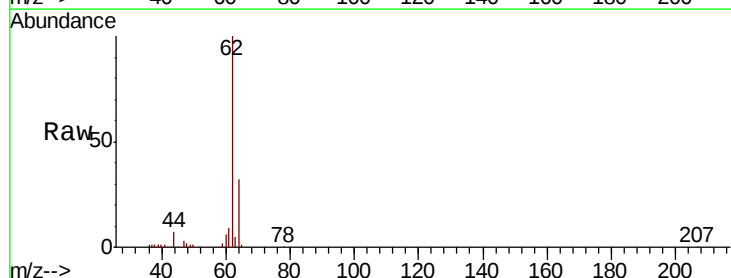
Acq: 17 Dec 2019 14:15

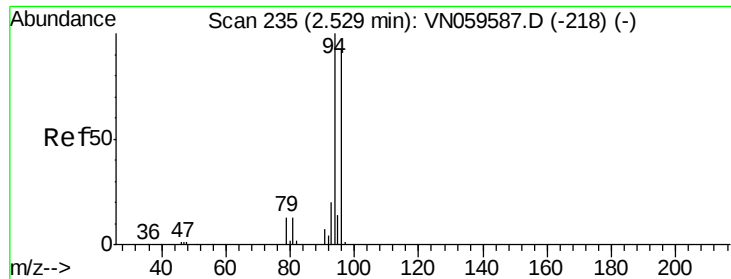
Tgt Ion: 62 Resp: 95080

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 19.458 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

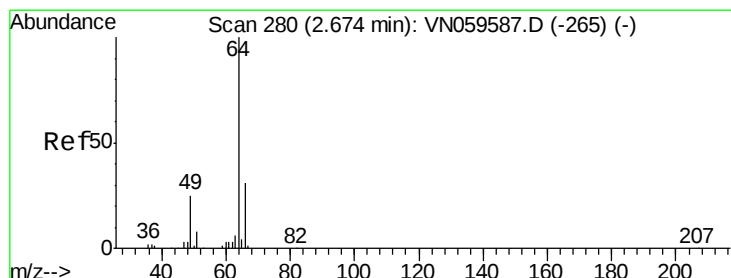
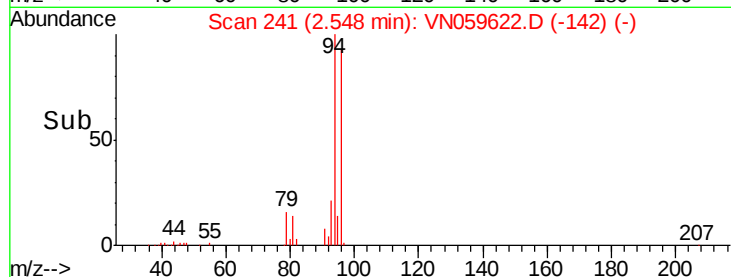
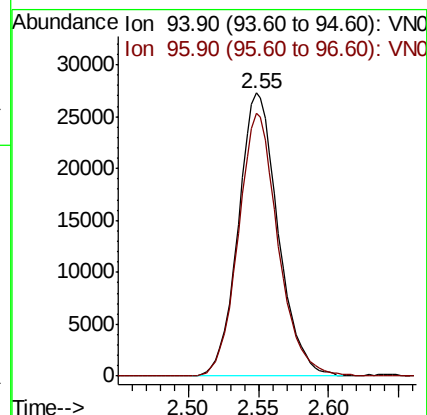
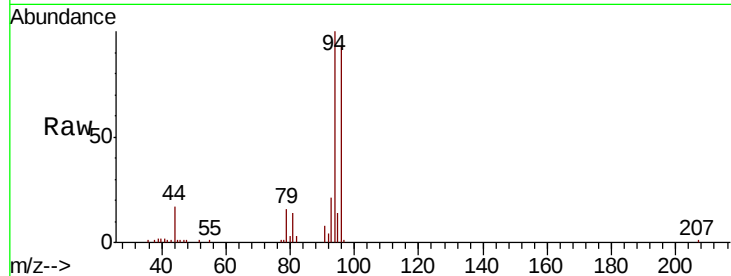
VN1217WBS01

Tot Ion: 94 Resp: 53749

Ion Ratio Lower Upper

94 100

96 93.0 74.7 112.1



#6

Chloroethane

Concen: 20.859 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059622.D

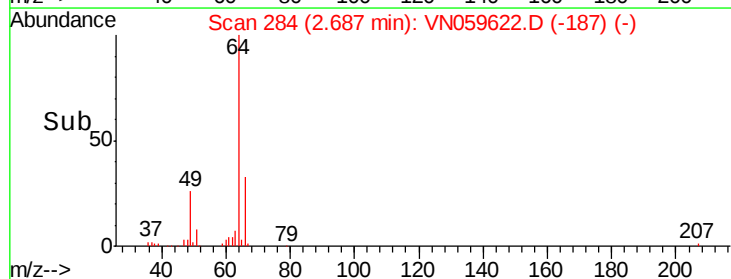
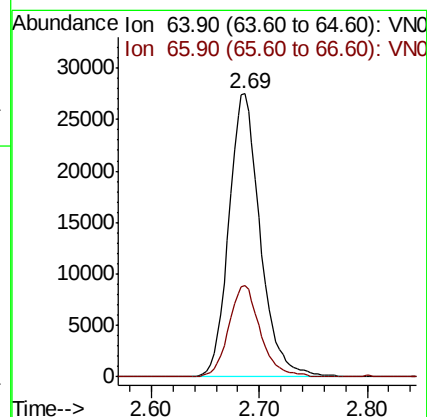
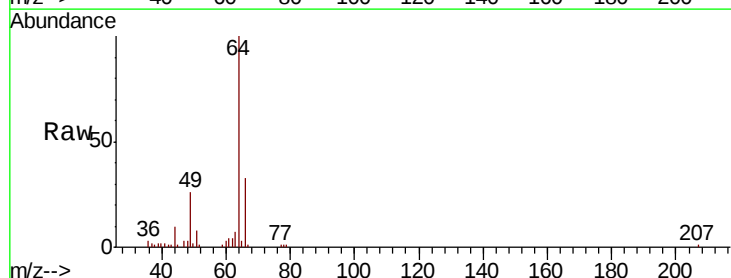
Acq: 17 Dec 2019 14:15

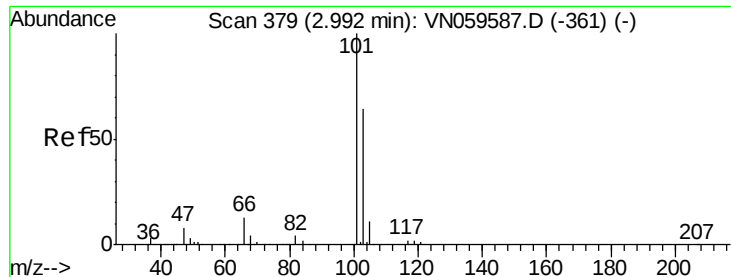
Tgt Ion: 64 Resp: 55705

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



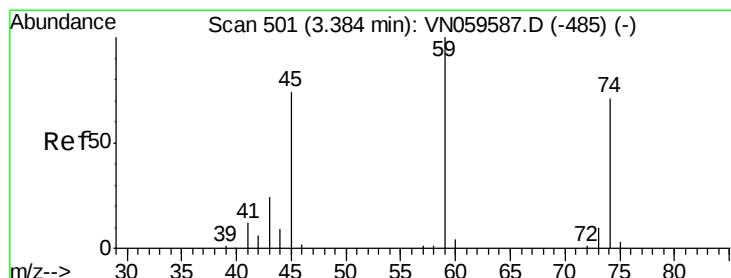
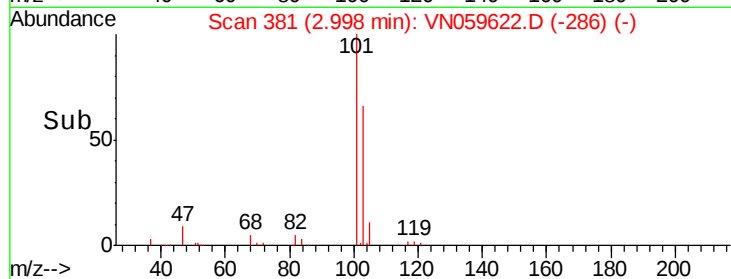
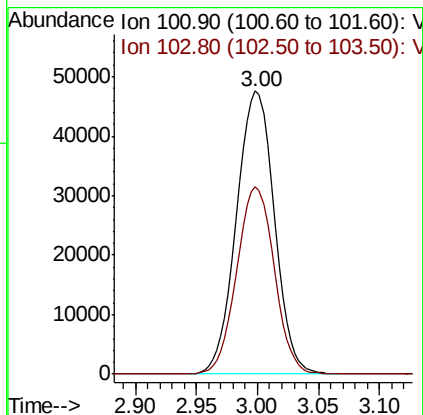
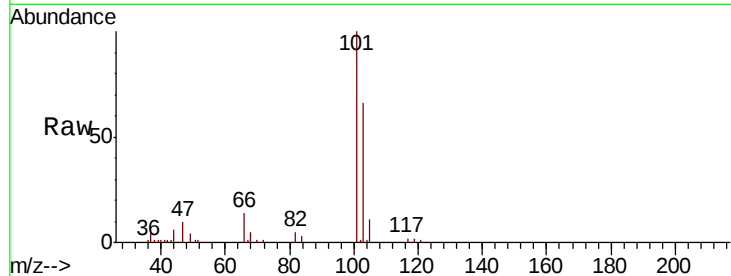


#7

Trichlorofluoromethane
Concen: 19.654 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.01 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

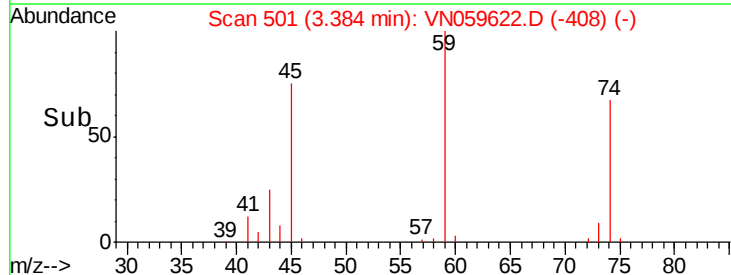
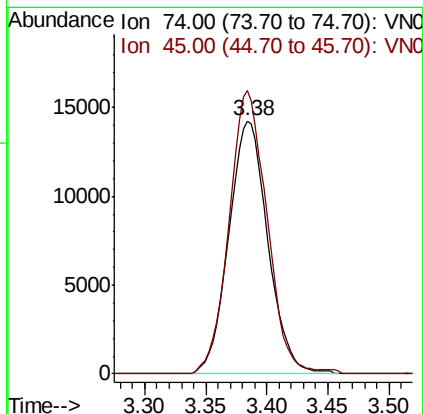
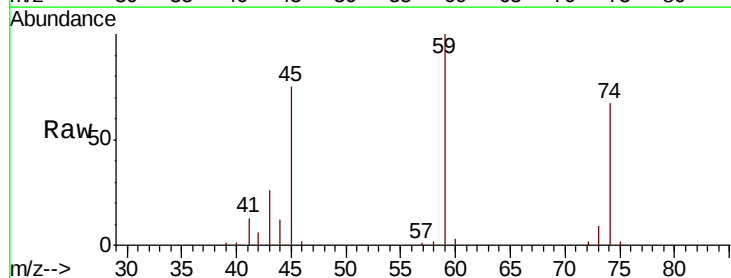
Tot Ion:101 Resp: 102462
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6

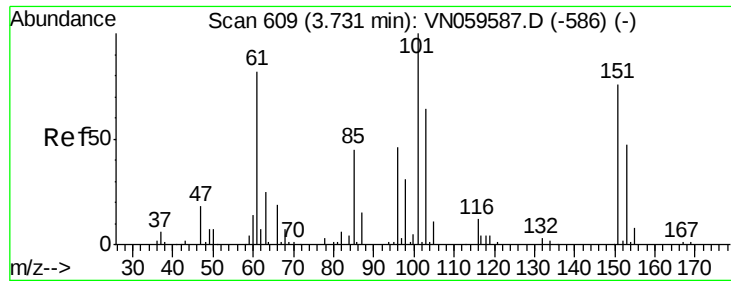


#8

Diethyl Ether
Concen: 19.425 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 74 Resp: 31642
Ion Ratio Lower Upper
74 100
45 109.0 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.448 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

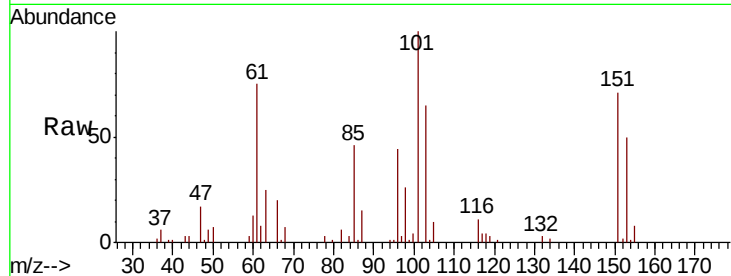
Tot Ion:101 Resp: 51095

Ion Ratio Lower Upper

101 100

85 46.6 36.6 54.8

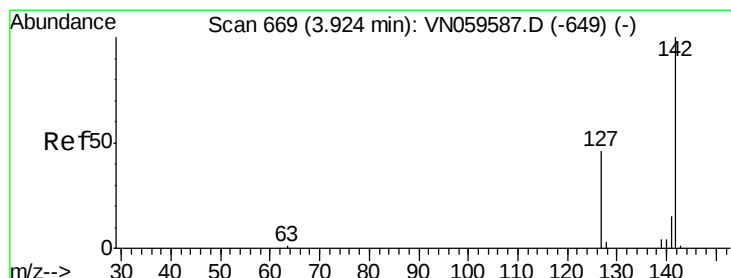
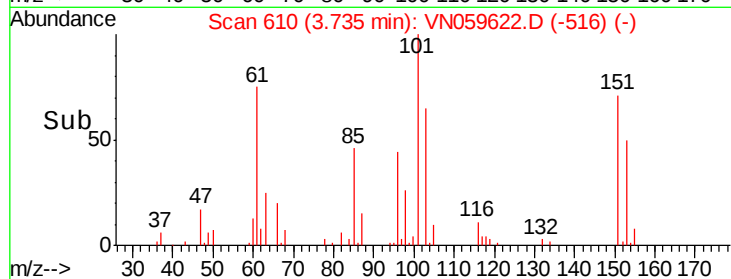
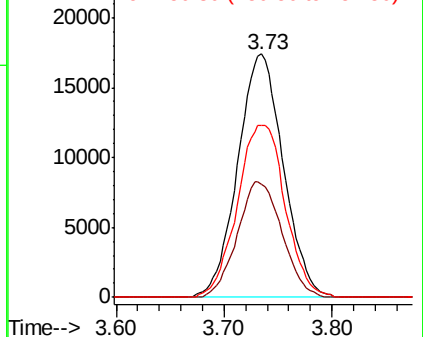
151 74.3 59.7 89.5



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: 18.664 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

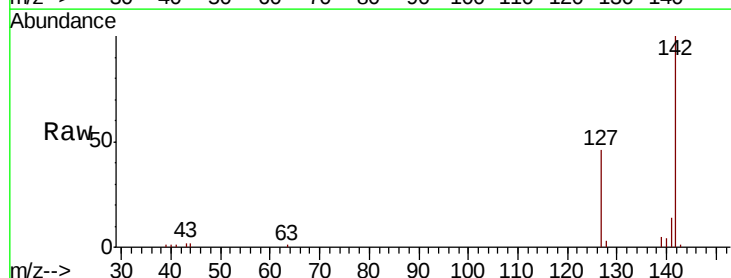
Tgt Ion:142 Resp: 64914

Ion Ratio Lower Upper

142 100

127 47.8 36.7 55.1

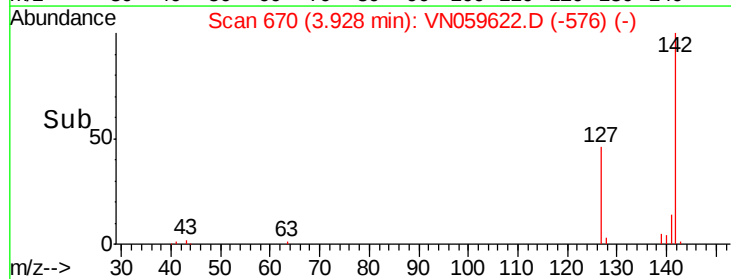
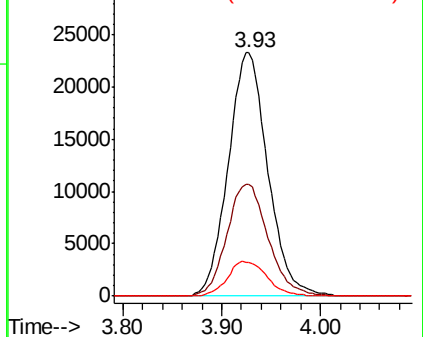
141 14.4 11.7 17.5

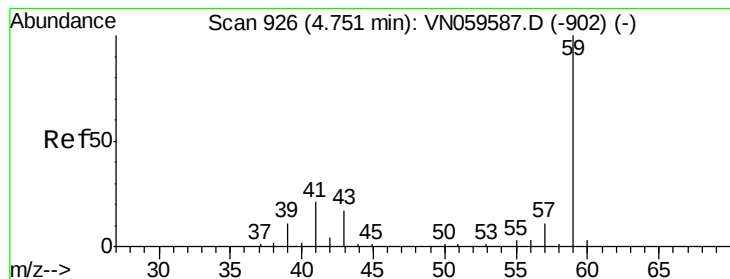


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 78.380 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

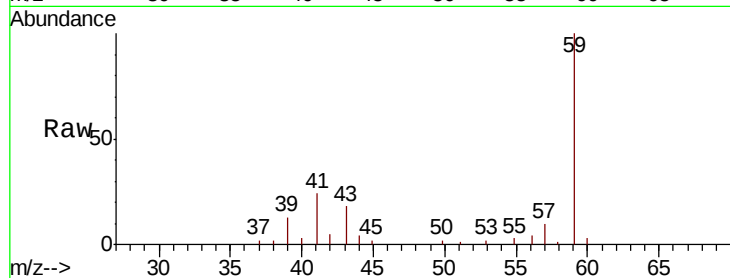
VN1217WBS01

Tot Ion: 59 Resp: 51093

Ion Ratio Lower Upper

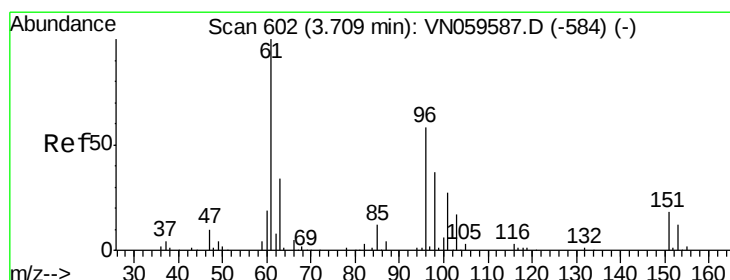
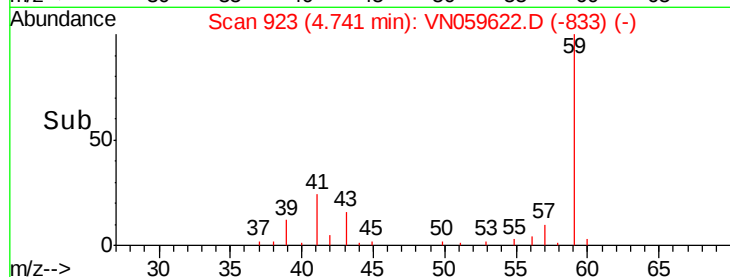
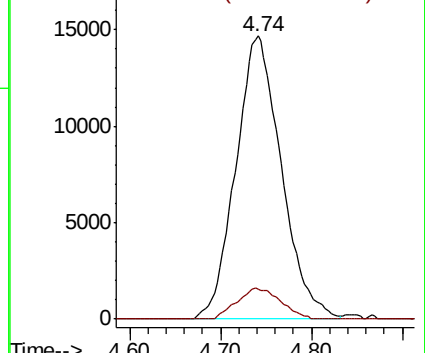
59 100

57 10.5 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.319 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

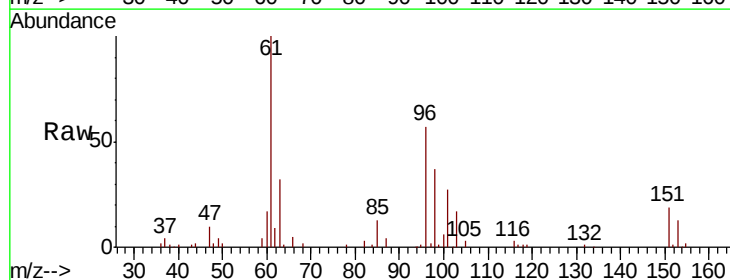
Tgt Ion: 96 Resp: 49513

Ion Ratio Lower Upper

96 100

61 175.0 137.5 206.3

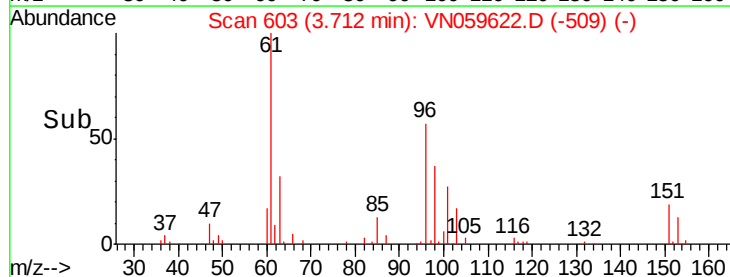
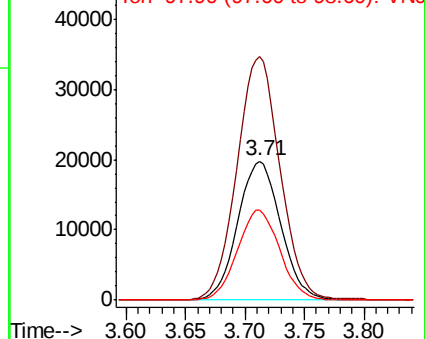
98 65.1 50.2 75.4

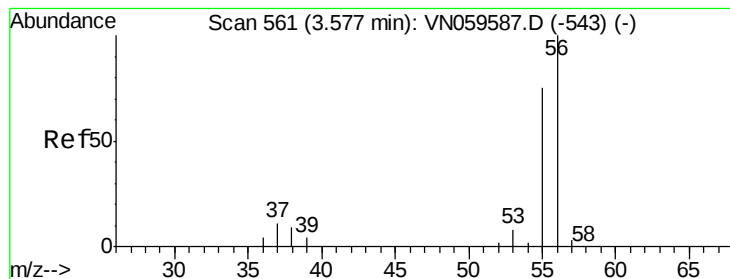


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 67.205 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

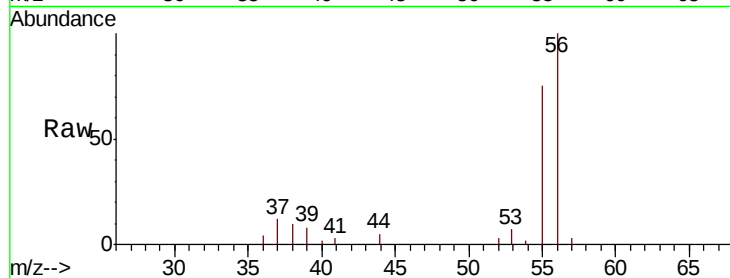
VN1217WBS01

Tot Ion: 56 Resp: 31206

Ion Ratio Lower Upper

56 100

55 71.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

15000

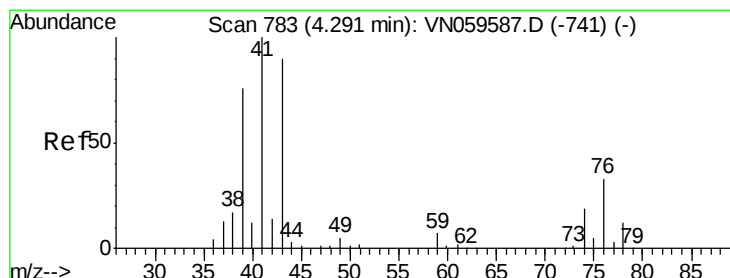
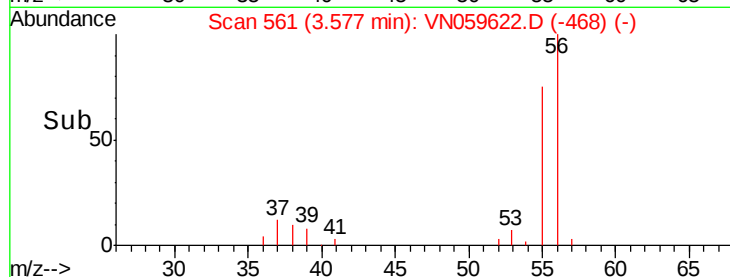
10000

5000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 17.411 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

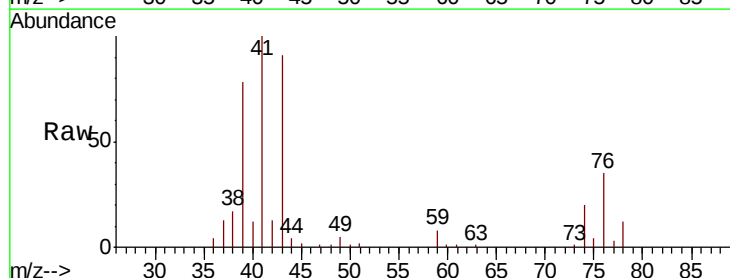
Tgt Ion: 41 Resp: 91602

Ion Ratio Lower Upper

41 100

39 78.2 57.8 86.8

76 33.6 25.4 38.0



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

4.29

40000

30000

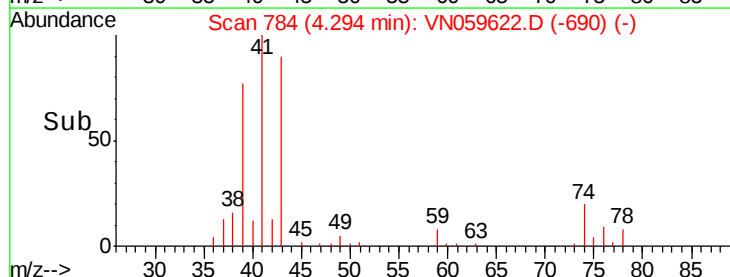
20000

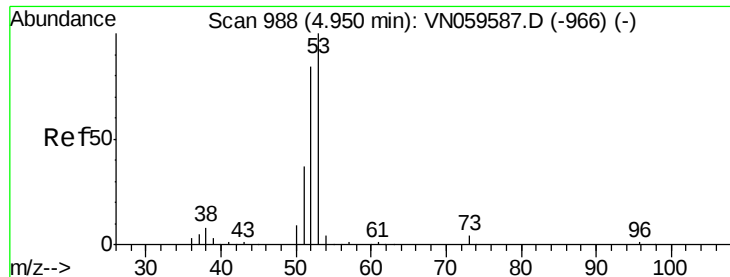
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 98.729 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

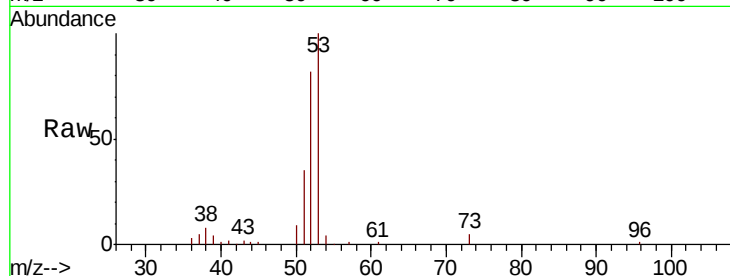
Tot Ion: 53 Resp: 155673

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

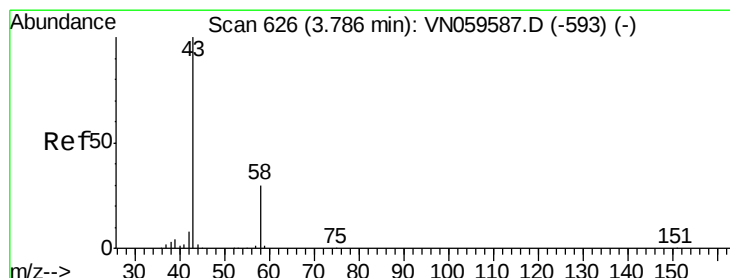
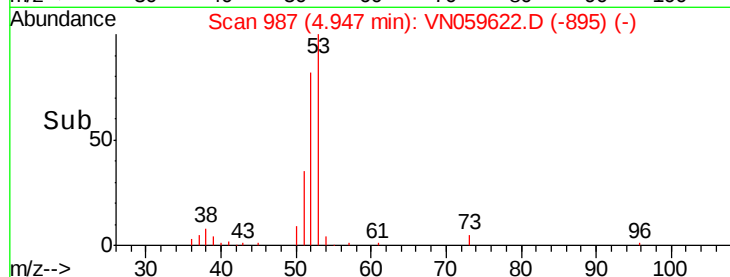
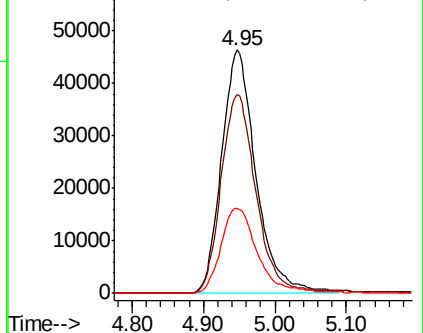
51 37.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 79.596 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.00 min

Lab File: VN059622.D

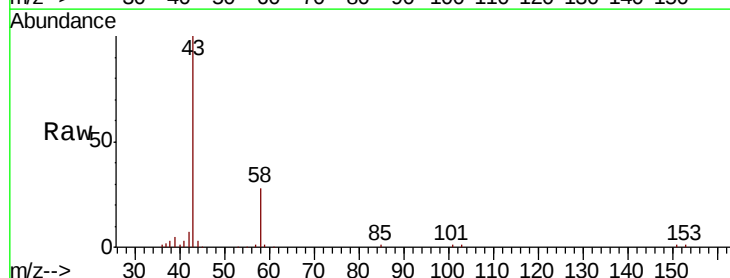
Acq: 17 Dec 2019 14:15

Tgt Ion: 43 Resp: 168027

Ion Ratio Lower Upper

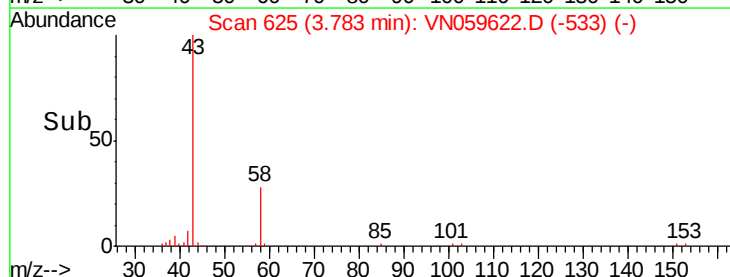
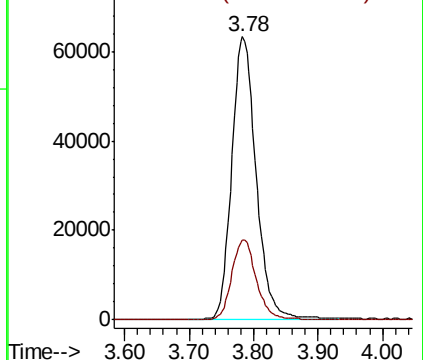
43 100

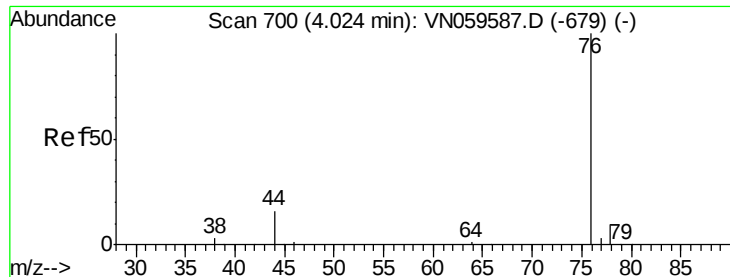
58 28.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

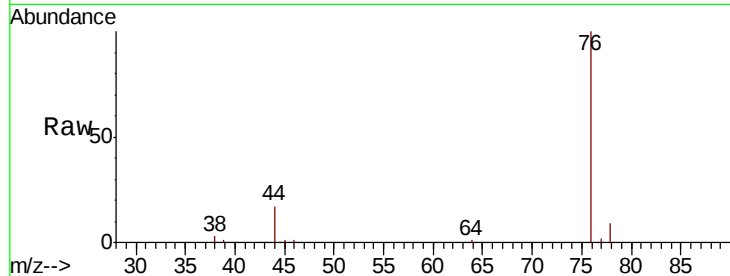




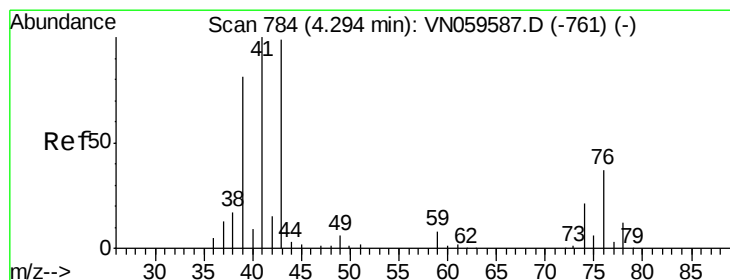
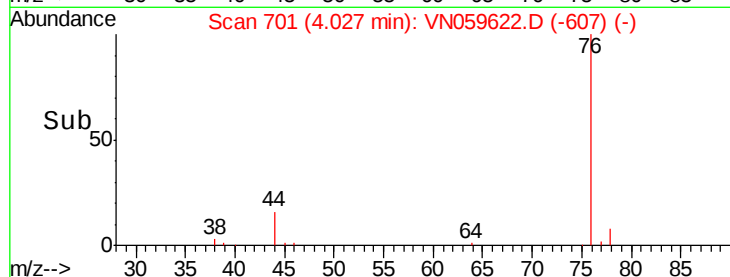
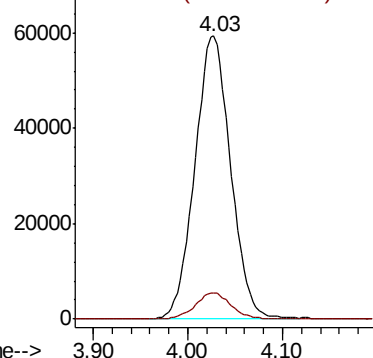
#17
Carbon Disulfide
Concen: 18.225 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion: 76 Resp: 156044
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

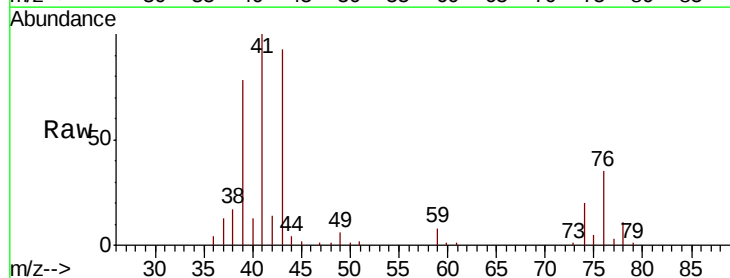


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

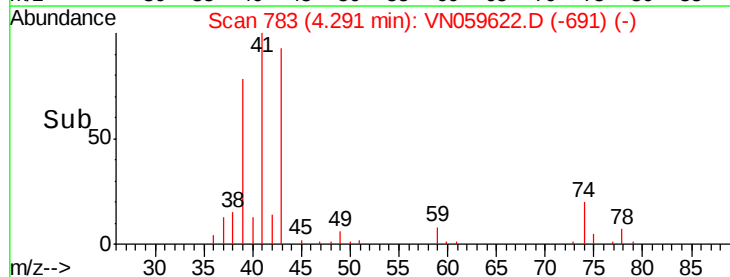
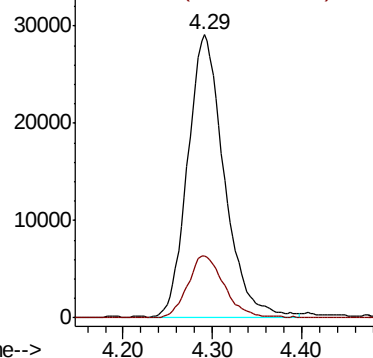


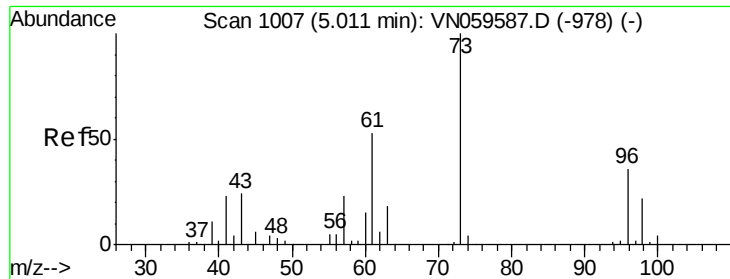
#18
Methyl Acetate
Concen: 18.786 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 43 Resp: 83098
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

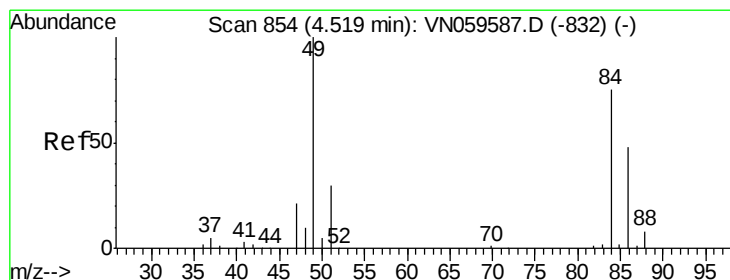
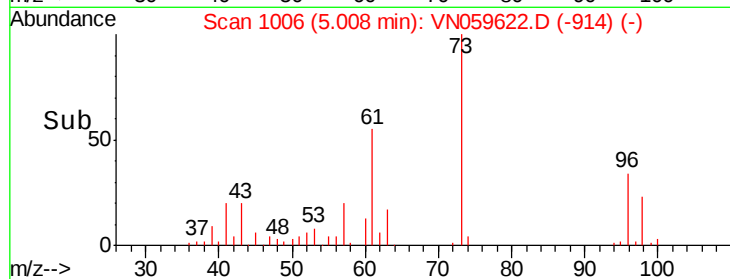
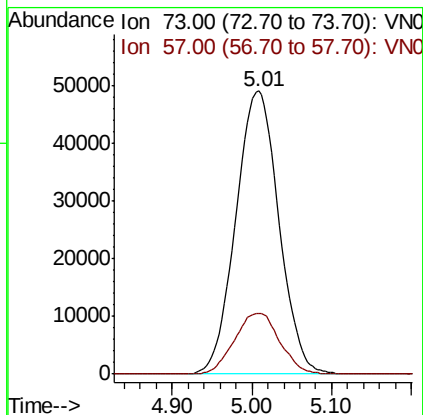
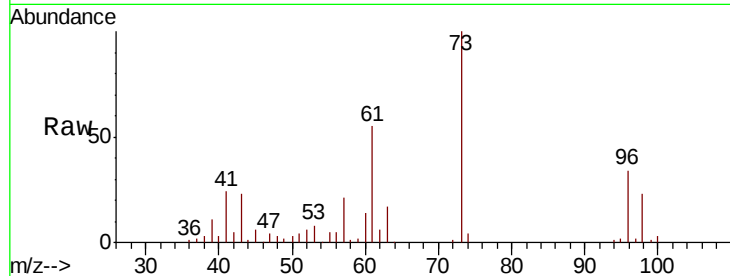




#19
Methyl tert-butyl Ether
Concen: 19.832 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

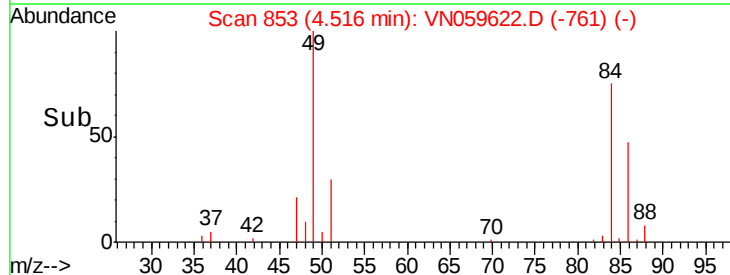
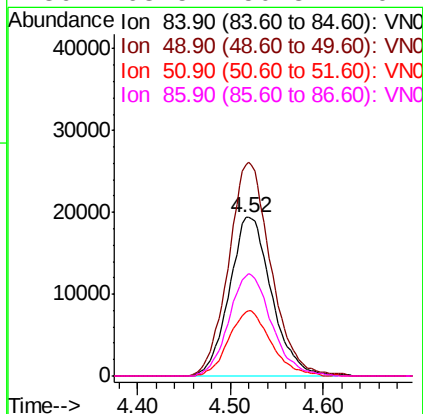
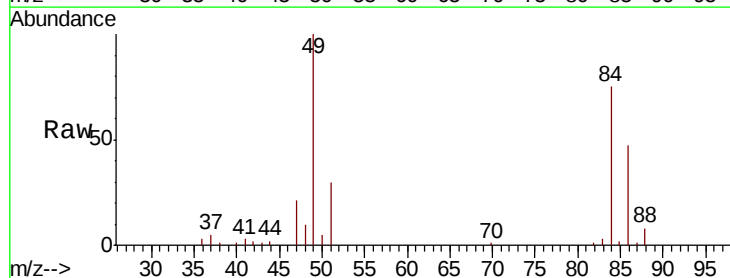
Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

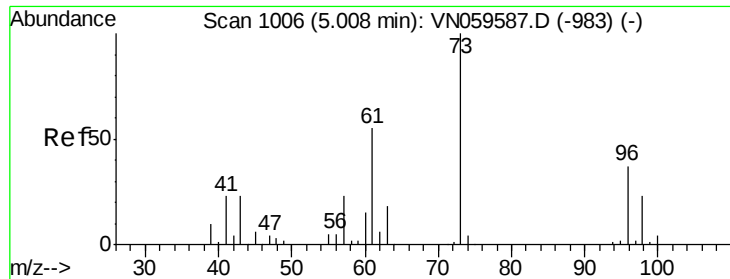
Tot Ion: 73 Resp: 179462
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8



#20
Methylene Chloride
Concen: 20.125 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 84 Resp: 61358
Ion Ratio Lower Upper
84 100
49 133.7 106.6 160.0
51 40.3 31.9 47.9
86 63.5 50.8 76.2

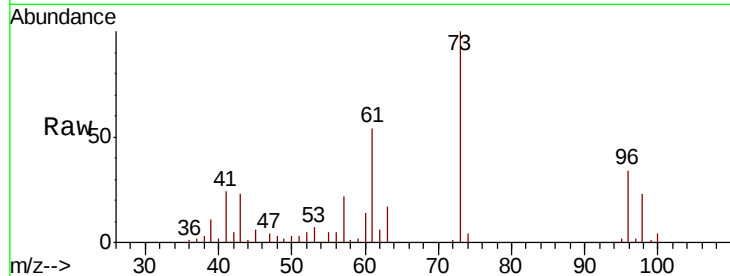




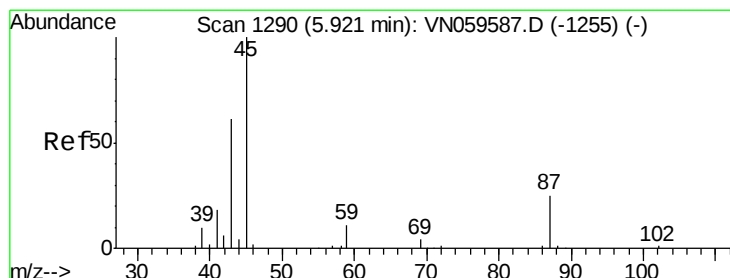
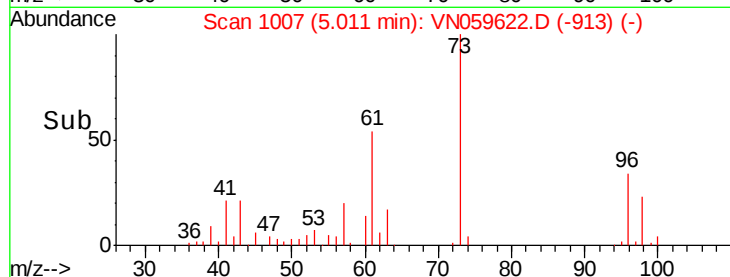
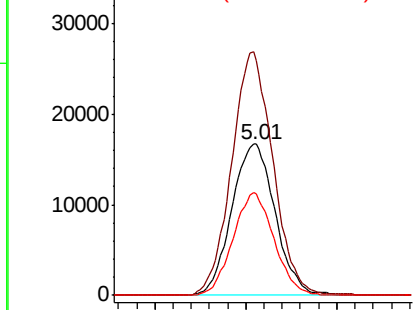
#21
trans-1,2-Dichloroethene
Concen: 19.326 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion: 96 Resp: 55216
Ion Ratio Lower Upper
96 100
61 155.7 120.4 180.6
98 66.8 50.6 75.8

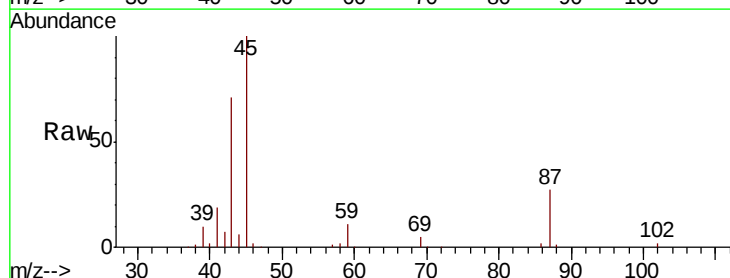


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

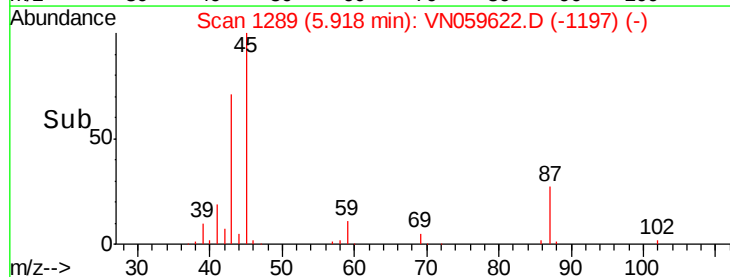
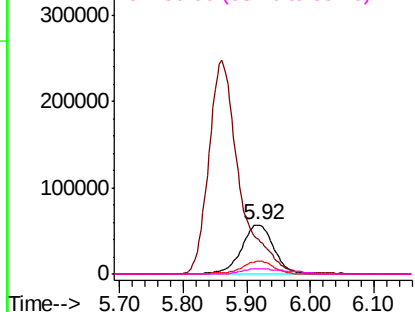


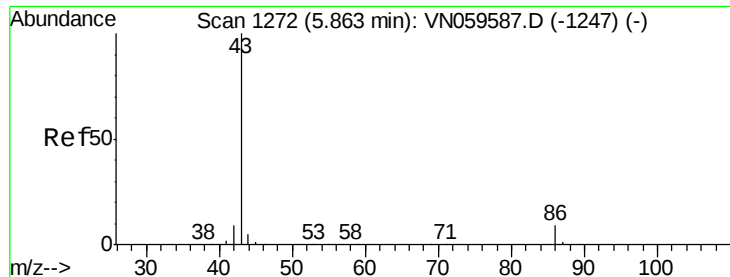
#22
Diisopropyl ether
Concen: 20.541 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 45 Resp: 199234
Ion Ratio Lower Upper
45 100
43 69.2 50.8 76.2
87 26.9 21.0 31.6
59 11.0 9.1 13.7



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

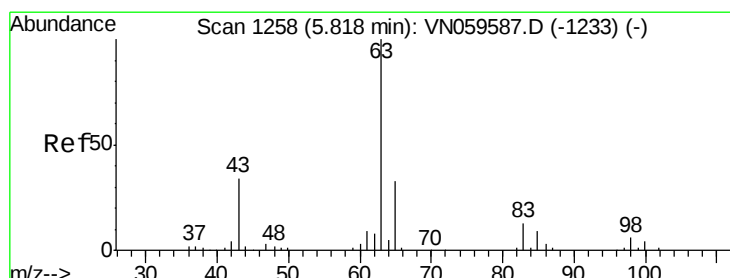
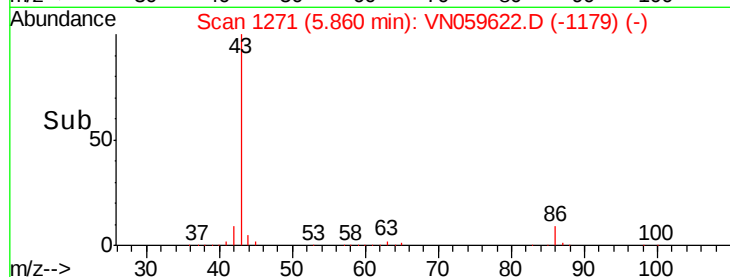
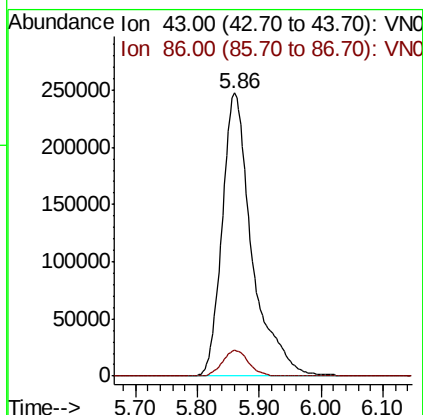
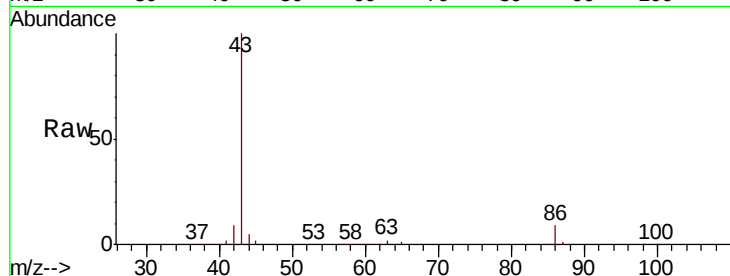




#23
 Vinyl Acetate
 Concen: 109.035 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

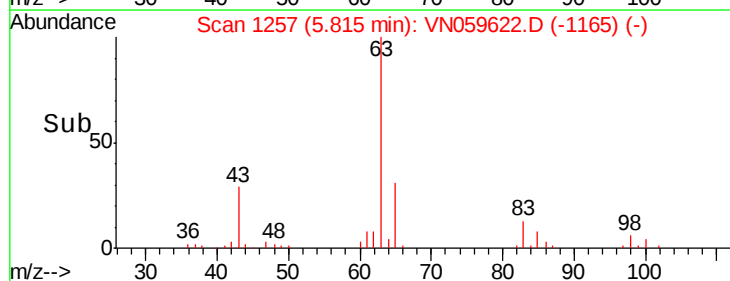
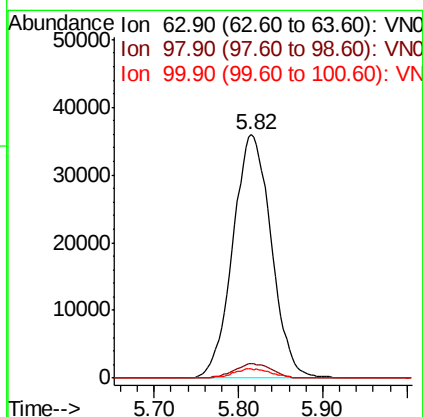
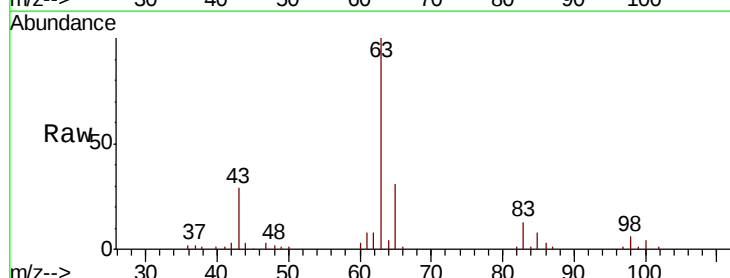
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

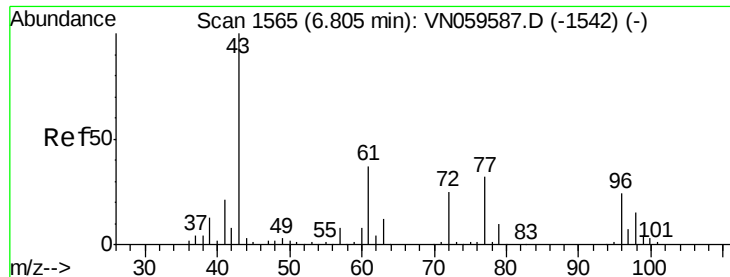
Tot Ion: 43 Resp: 829963
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.713 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

Tgt Ion: 63 Resp: 113804
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 87.841 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

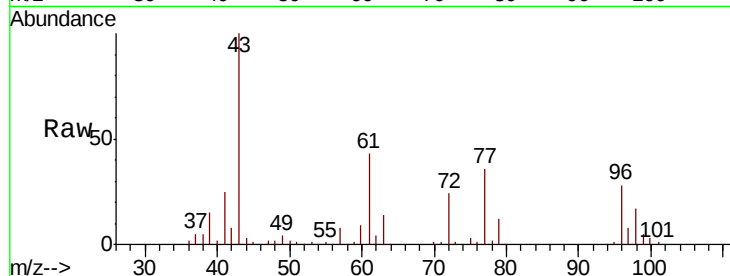
VN1217WBS01

Tot Ion: 43 Resp: 221743

Ion Ratio Lower Upper

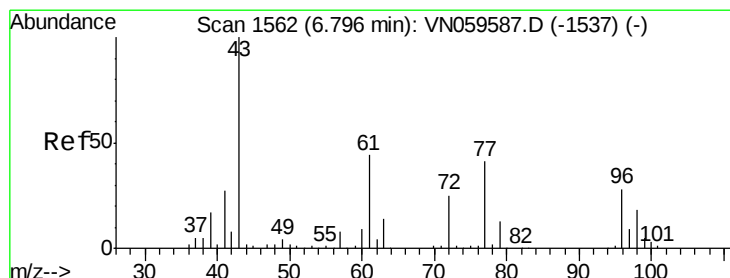
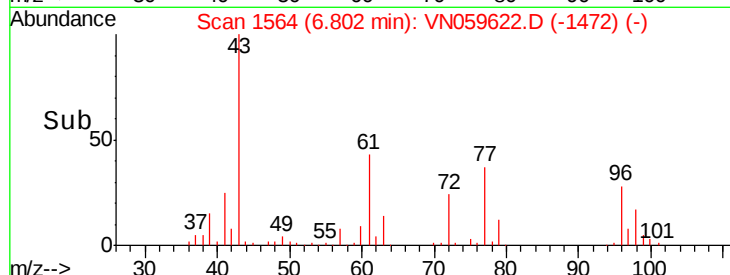
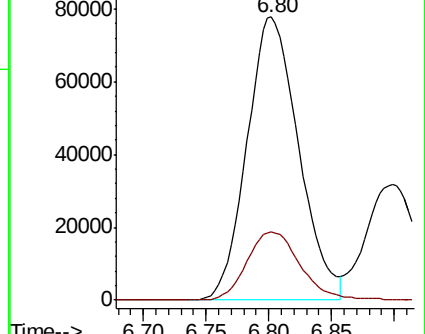
43 100

72 24.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.049 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059622.D

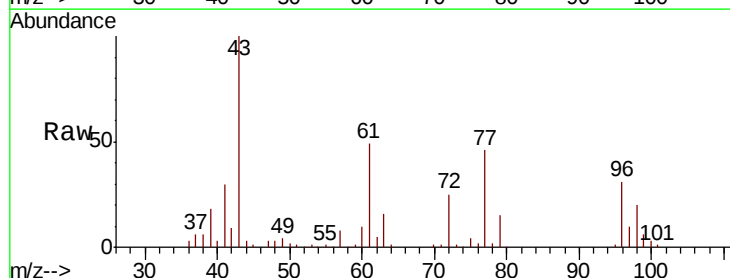
Acq: 17 Dec 2019 14:15

Tgt Ion: 77 Resp: 100119

Ion Ratio Lower Upper

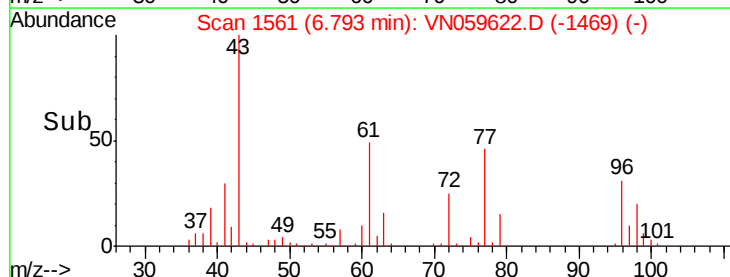
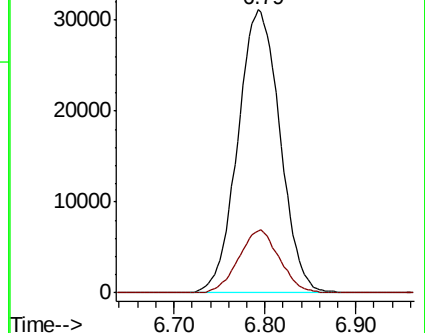
77 100

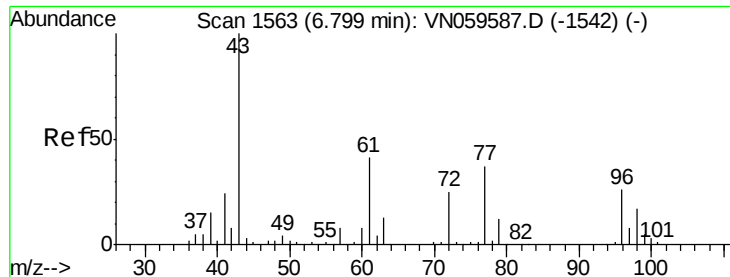
97 21.5 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.227 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

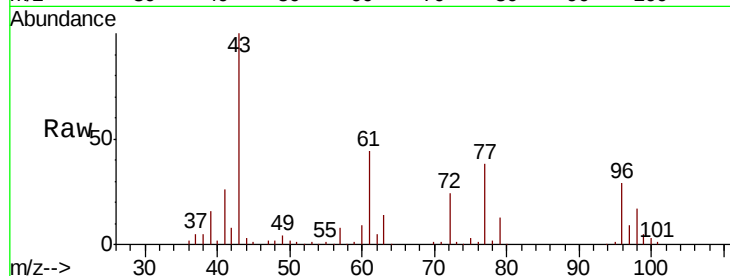
Tot Ion: 96 Resp: 64036

Ion Ratio Lower Upper

96 100

61 158.6 0.0 317.6

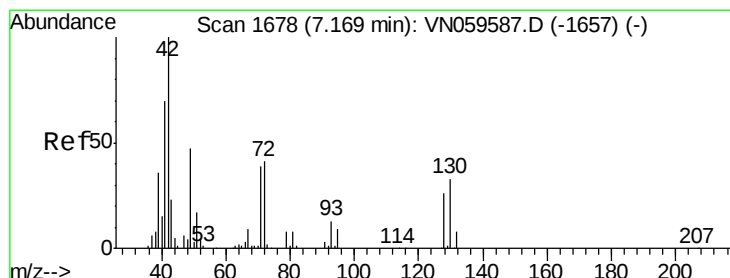
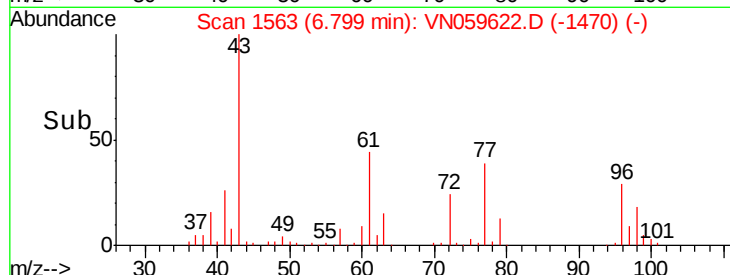
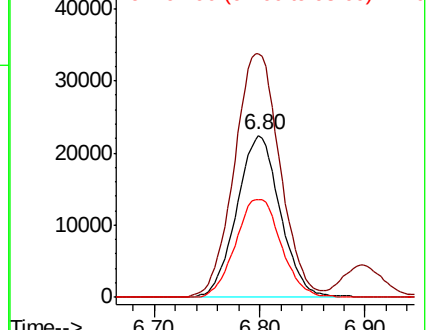
98 63.7 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.487 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

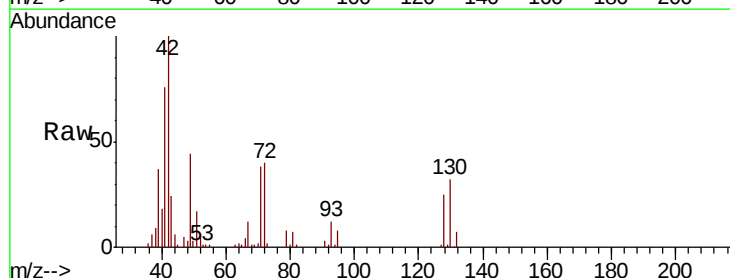
Tgt Ion: 49 Resp: 41993

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.4

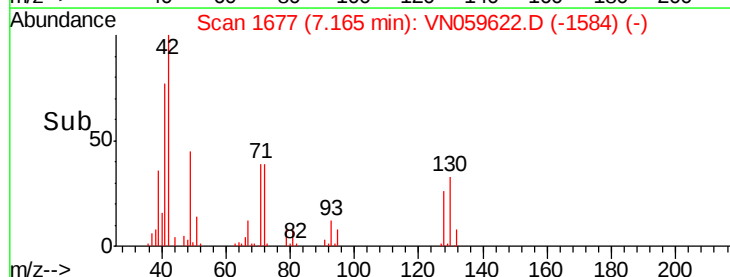
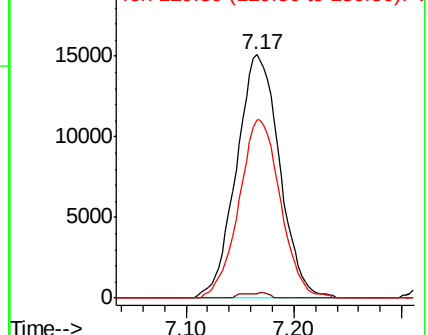
130 70.6 54.7 82.1

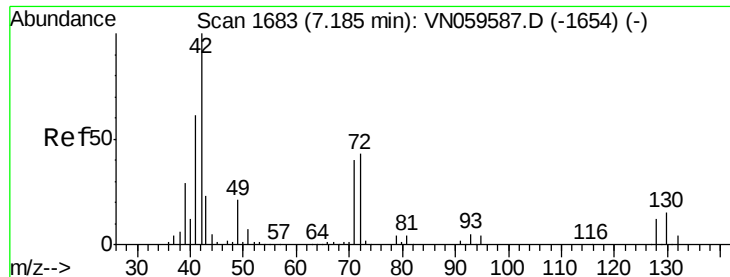


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

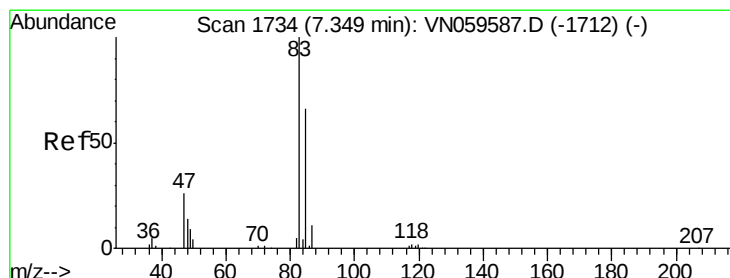
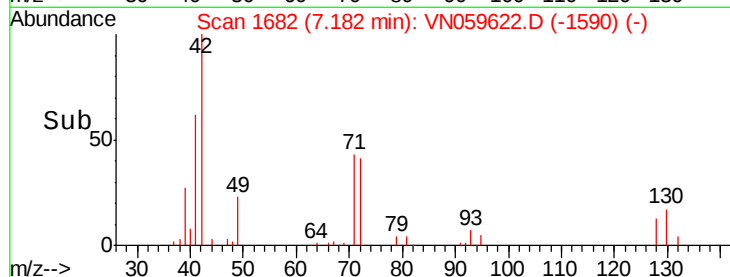
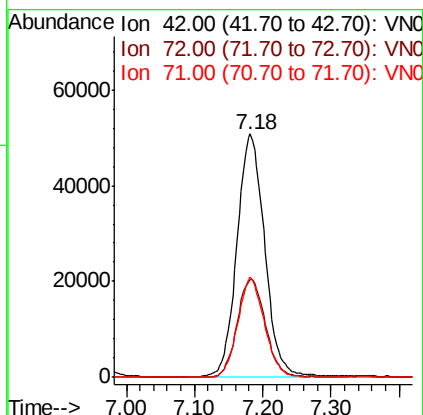
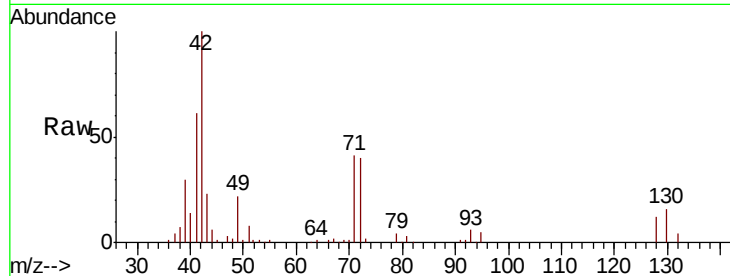




#29
Tetrahydrofuran
Concen: 93.859 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

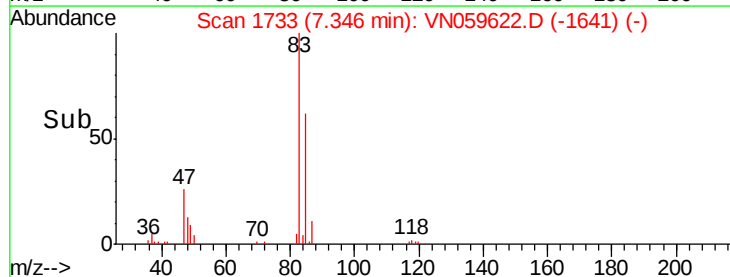
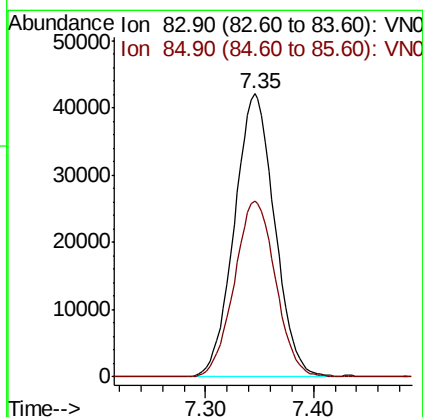
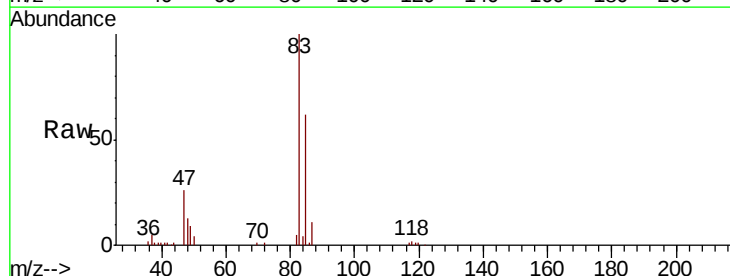
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

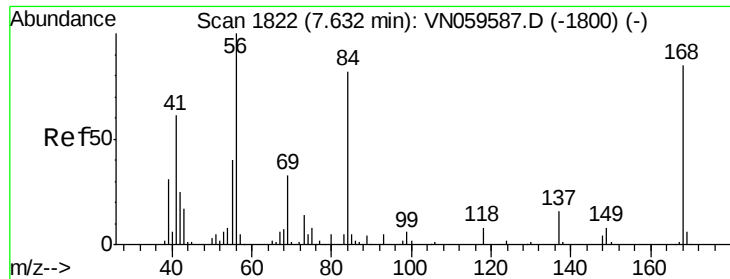
Tot Ion: 42 Resp: 144360
Ion Ratio Lower Upper
42 100
72 40.7 33.1 49.7
71 39.2 31.4 47.0



#30
Chloroform
Concen: 20.198 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 83 Resp: 109238
Ion Ratio Lower Upper
83 100
85 62.2 52.4 78.6

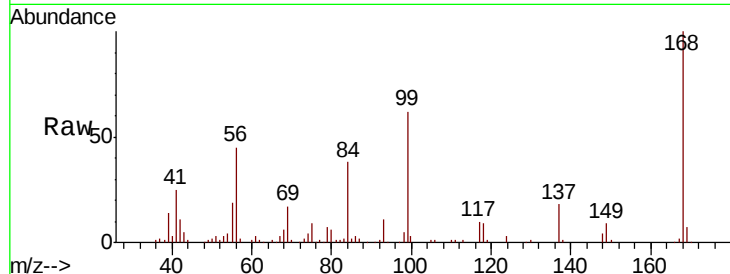




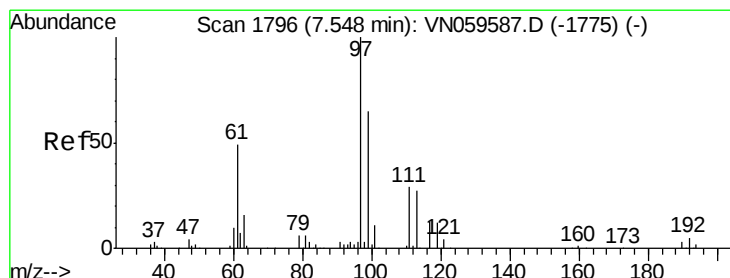
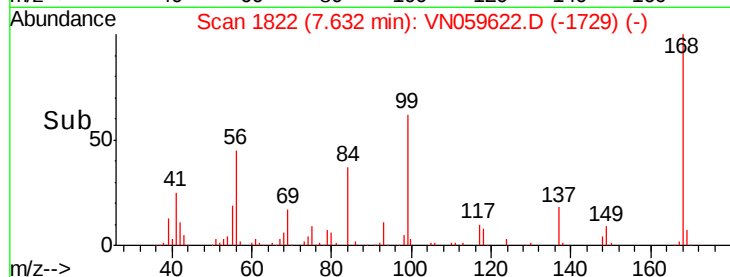
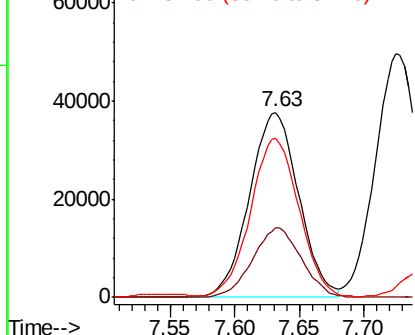
#31
Cyclohexane
Concen: 19.354 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion	56	Resp	100477
Ion Ratio	Lower	Upper	
56	100		
69	37.3	26.5	39.7
84	84.7	65.3	97.9

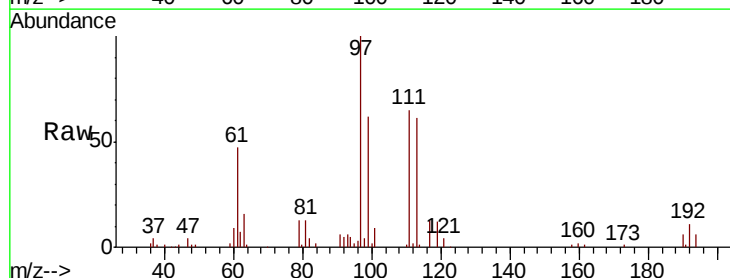


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

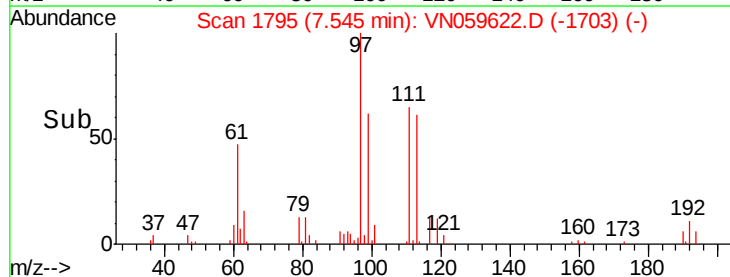
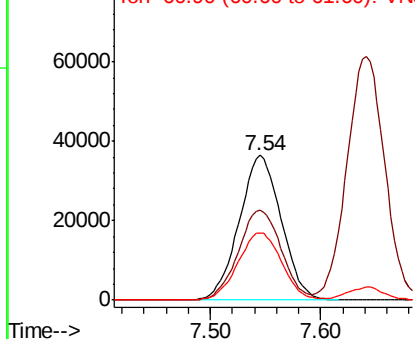


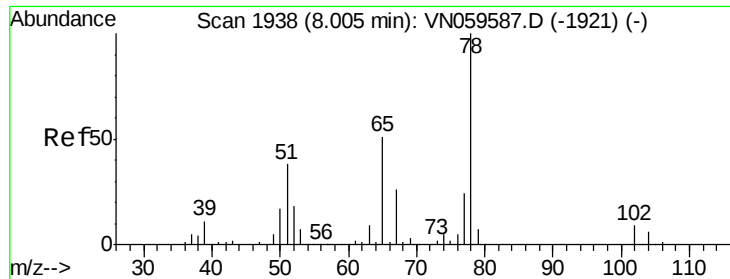
#32
1,1,1-Trichloroethane
Concen: 19.691 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion	97	Resp	96009
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.0	76.4
61	48.5	38.5	57.7



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

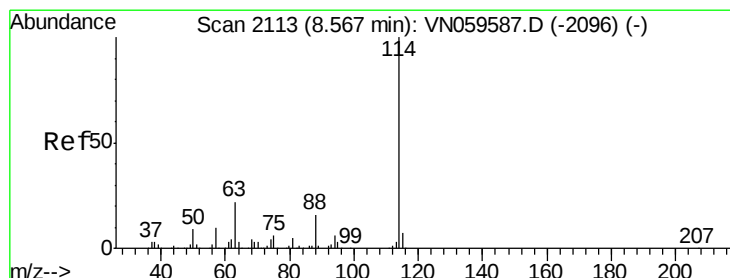
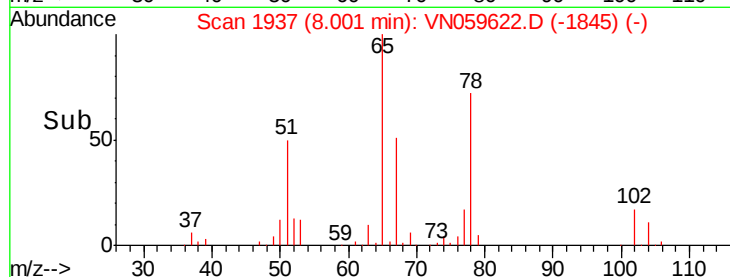
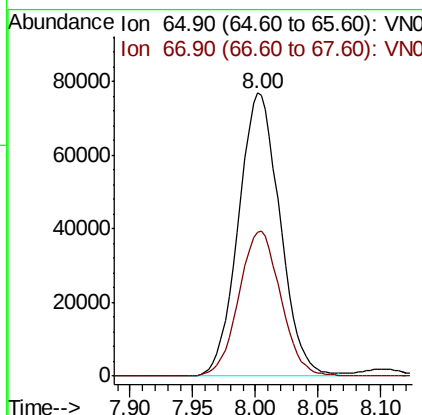
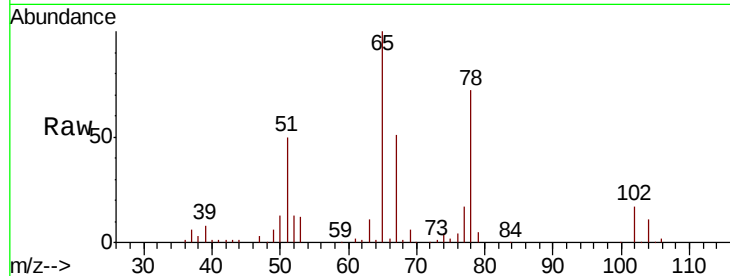




#33
 1,2-Dichloroethane-d4
 Concen: 49.885 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

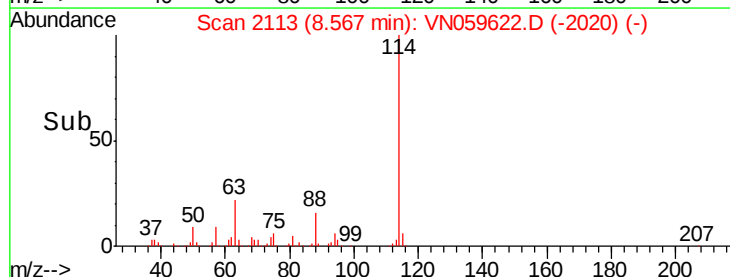
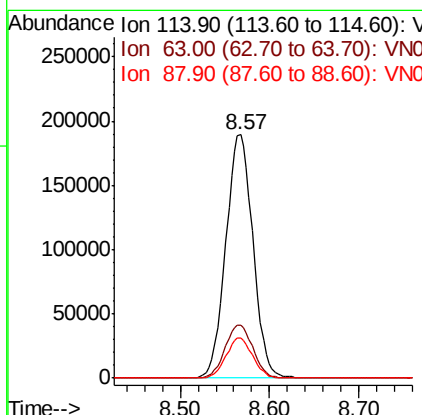
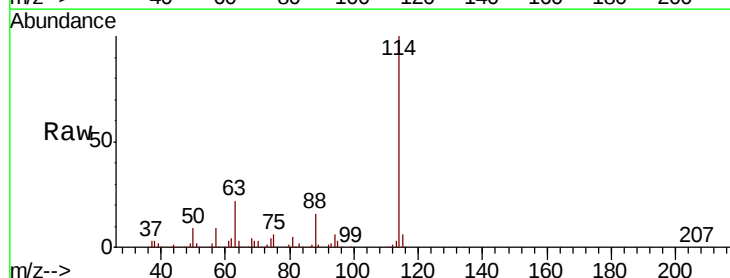
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

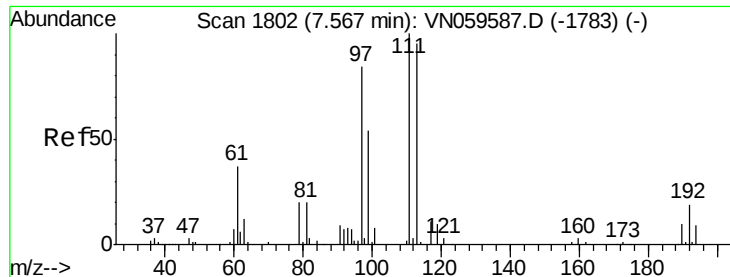
Tot Ion: 65 Resp: 177373
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

Tgt Ion:114 Resp: 398773
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.6
 88 16.3 0.0 31.4

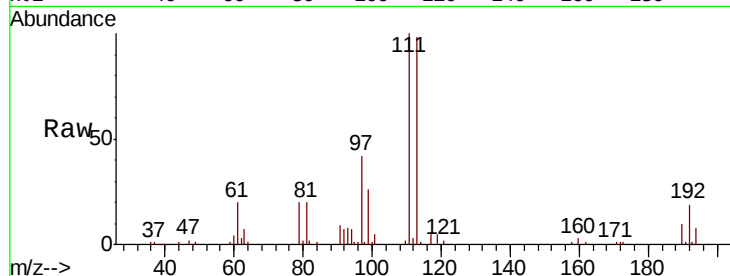




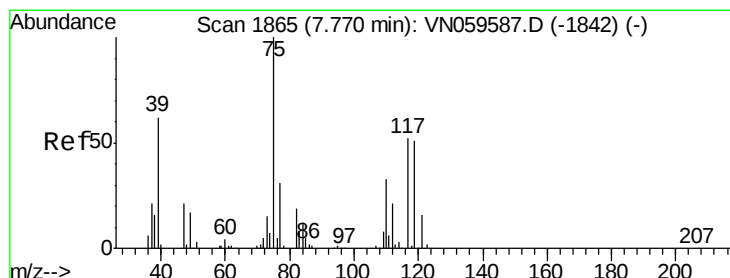
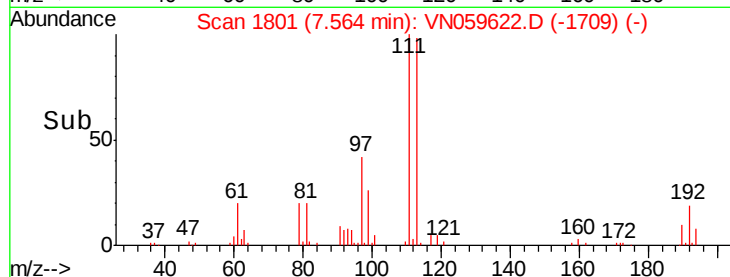
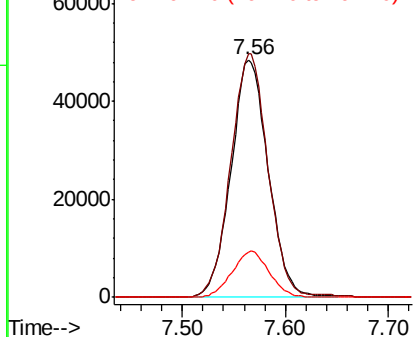
#35
Dibromofluoromethane
Concen: 48.866 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion:113 Resp: 121925
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 19.4 15.4 23.2

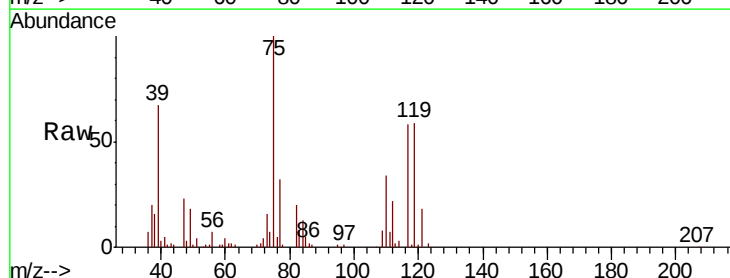


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

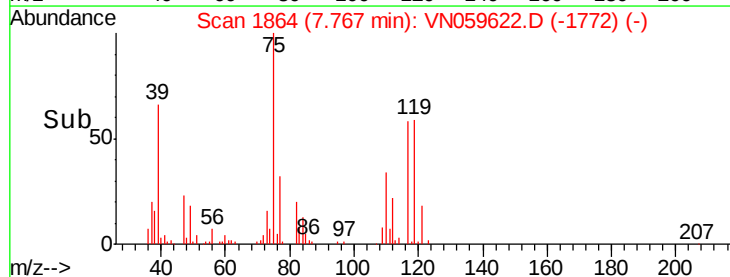
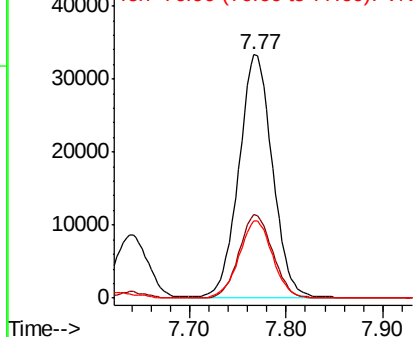


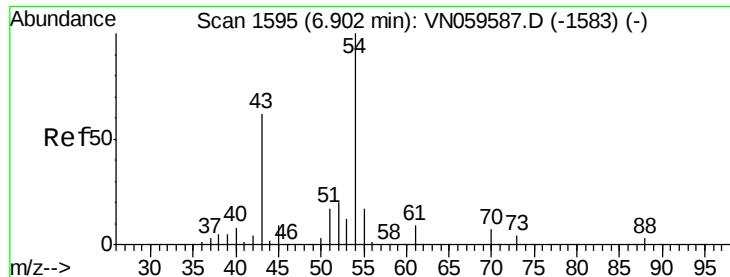
#36
1,1-Dichloropropene
Concen: 19.449 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 75 Resp: 80881
Ion Ratio Lower Upper
75 100
110 34.0 16.6 49.7
77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

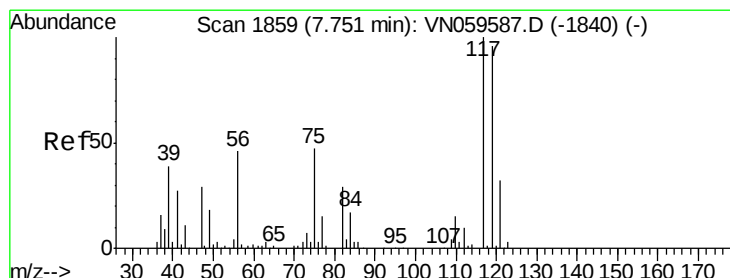
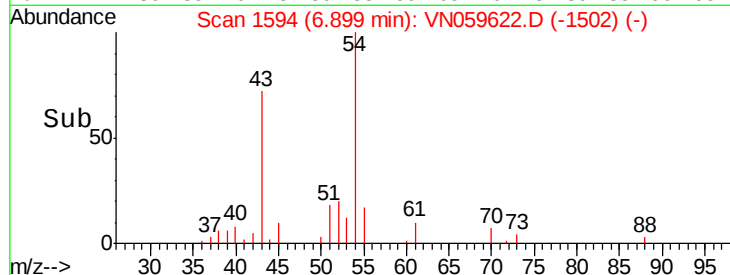
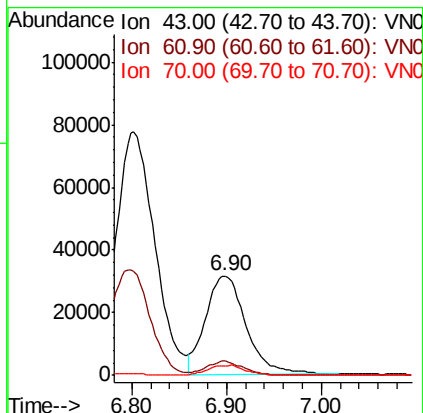
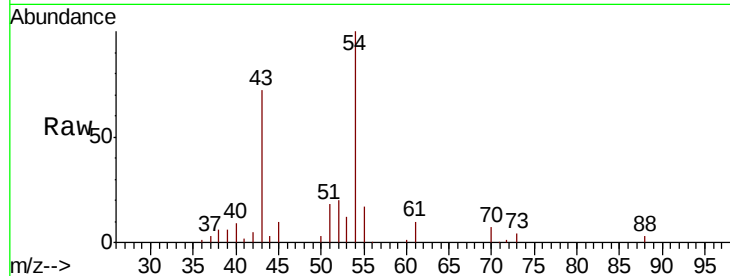




#37
Ethyl Acetate
Concen: 19.387 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

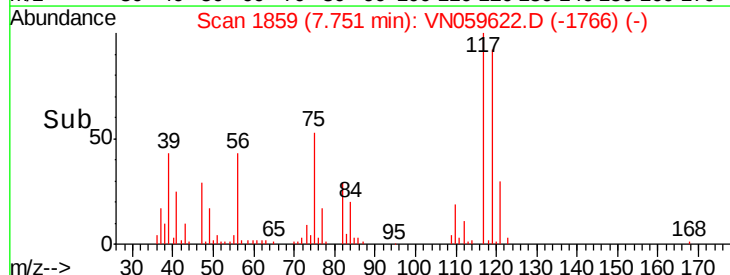
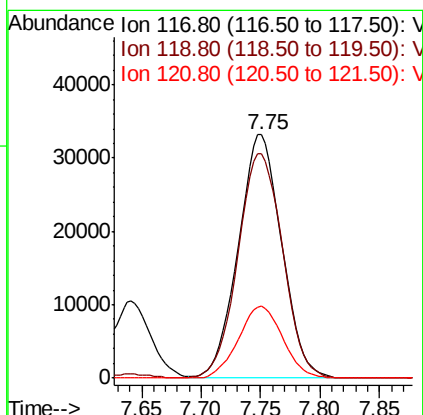
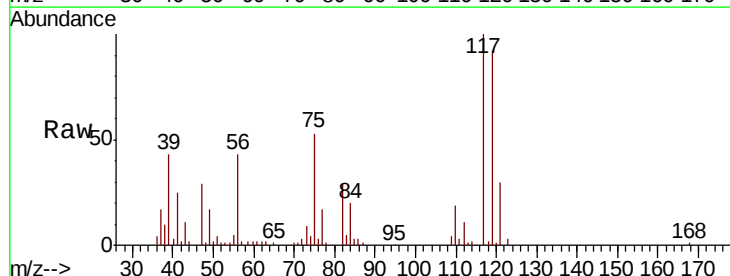
Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

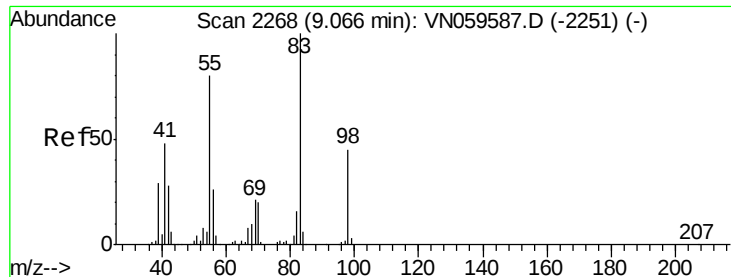
Tot Ion: 43 Resp: 93706
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 9.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.439 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 117 Resp: 83884
Ion Ratio Lower Upper
117 100
119 92.0 76.5 114.7
121 29.5 25.1 37.7

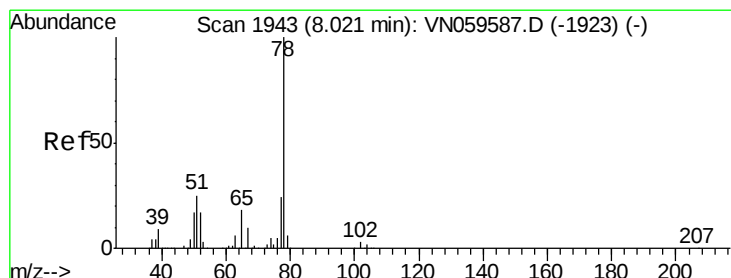
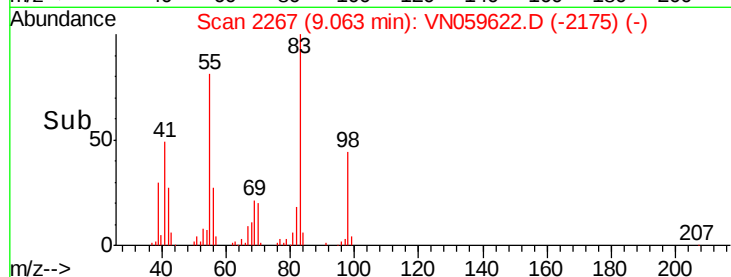
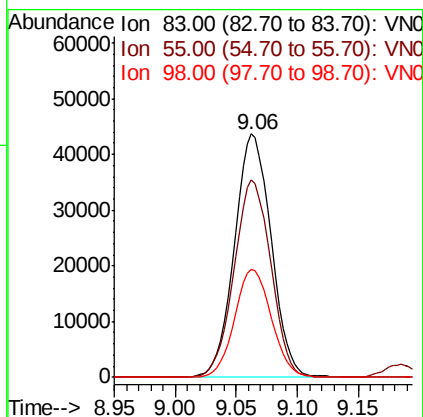
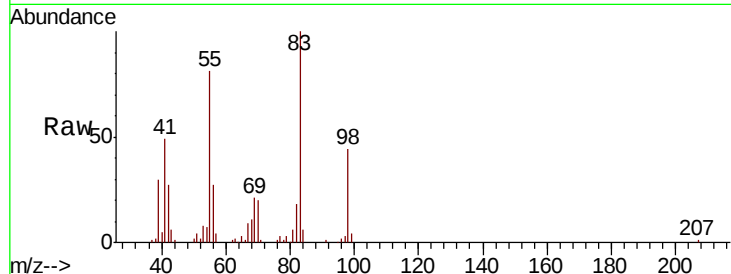




#39
Methvlcvclohexane
Concen: 19.298 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

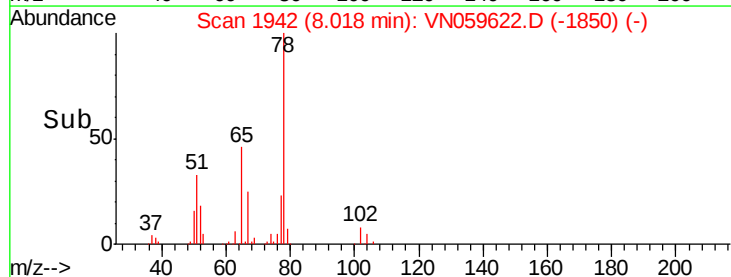
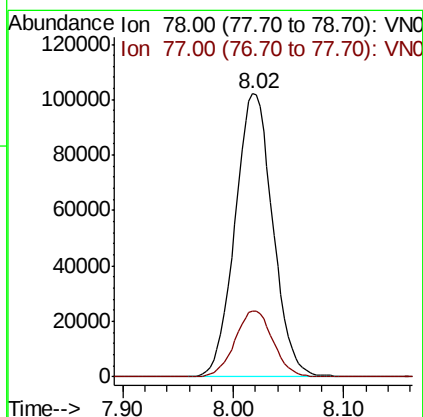
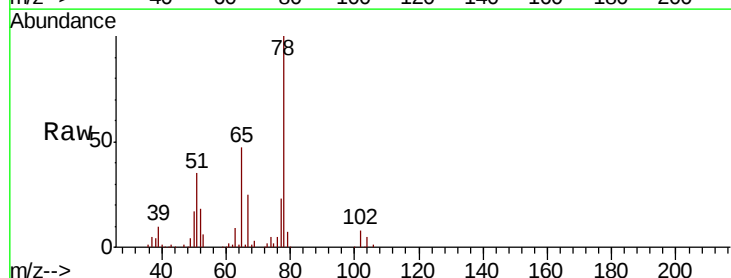
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

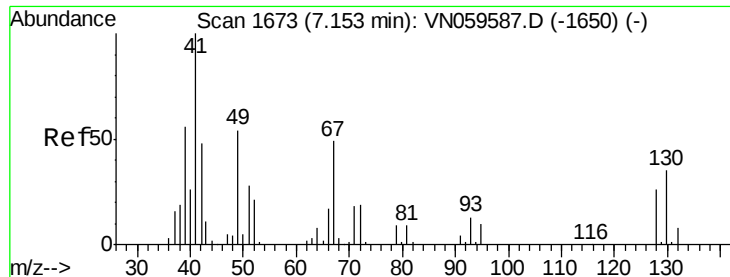
Tot Ion: 83 Resp: 91030
Ion Ratio Lower Upper
83 100
55 81.1 64.2 96.2
98 44.2 35.9 53.9



#40
Benzene
Concen: 19.881 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 78 Resp: 241614
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

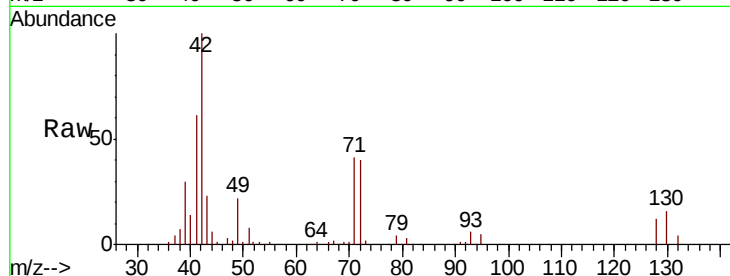




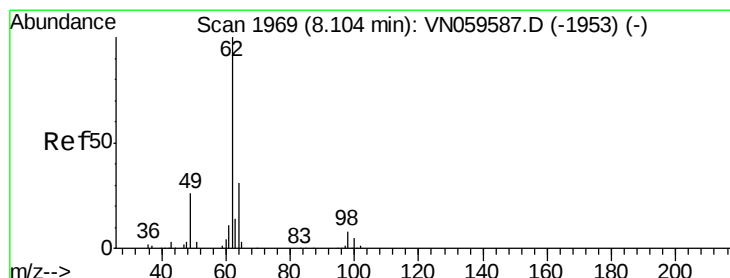
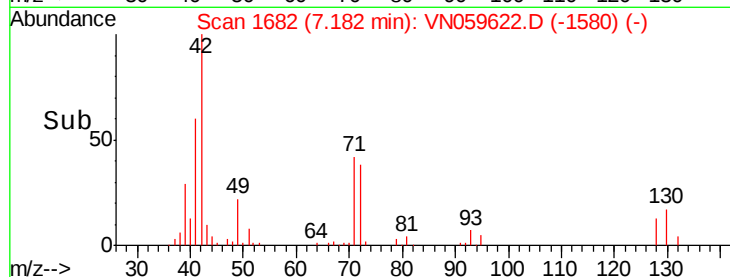
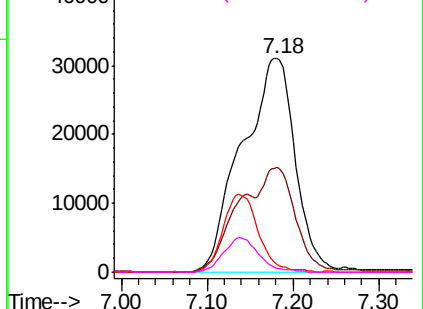
#41
Methacrylonitrile
Concen: 66.820 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion:	41	Resp:	133289
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

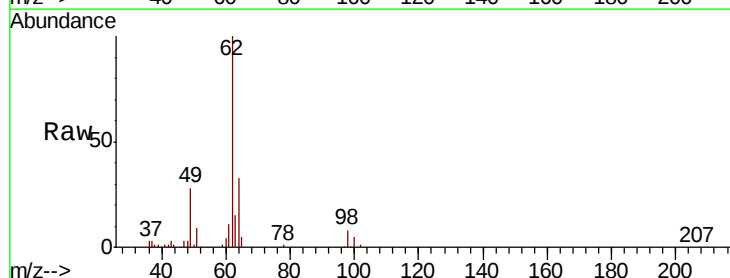


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

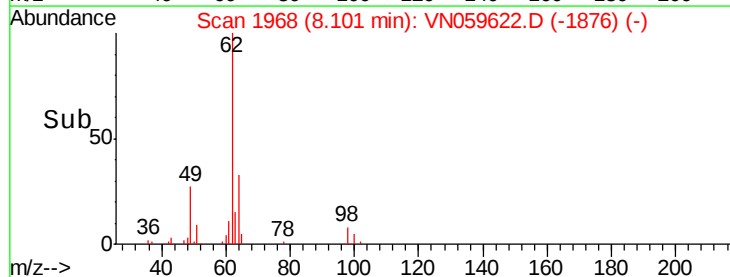
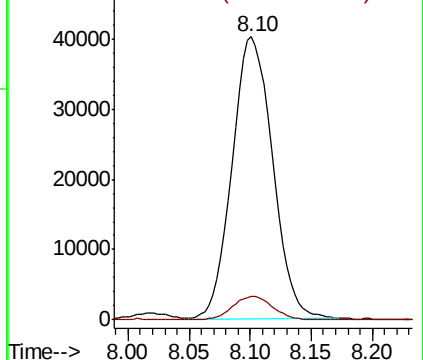


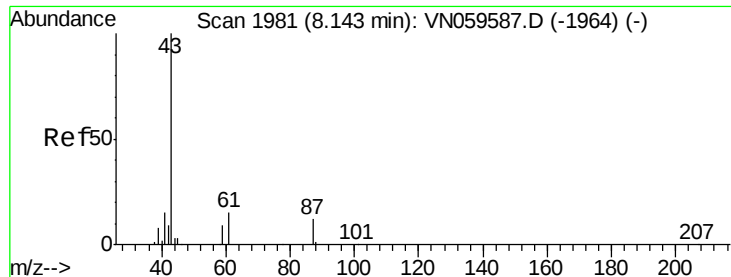
#42
1,2-Dichloroethane
Concen: 19.899 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion:	62	Resp:	92615
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 19.415 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

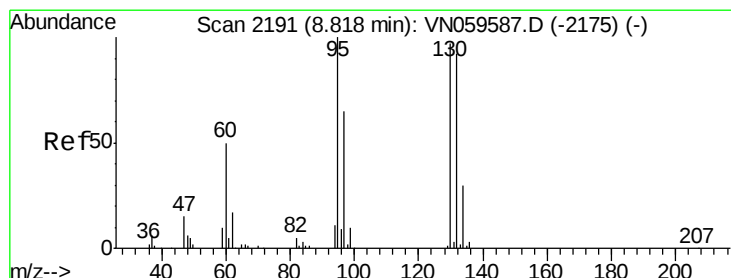
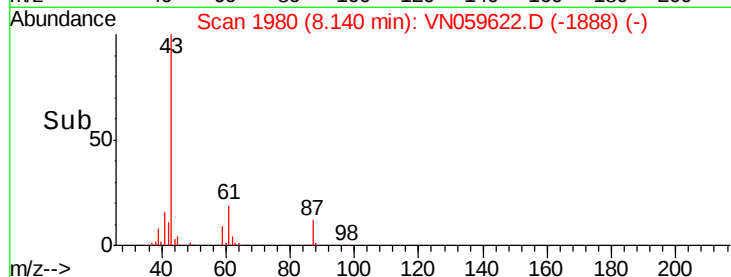
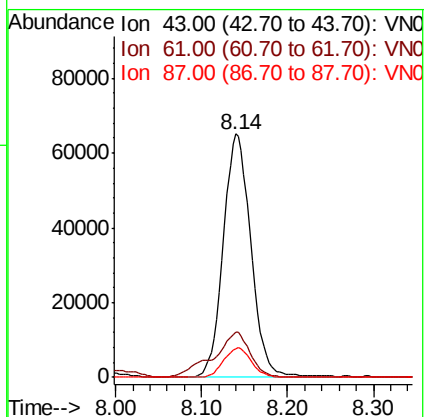
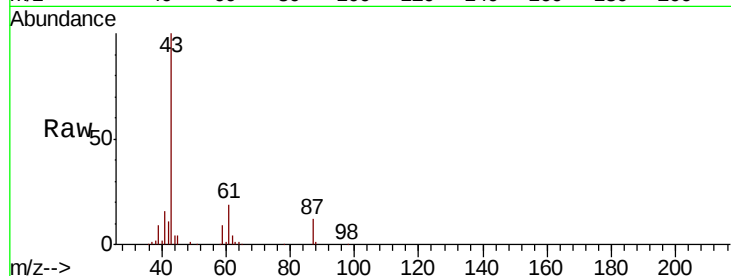
Tot Ion: 43 Resp: 145894

Ion Ratio Lower Upper

43 100

61 24.7 20.2 30.2

87 11.9 9.5 14.3



#44

Trichloroethene

Concen: 19.416 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059622.D

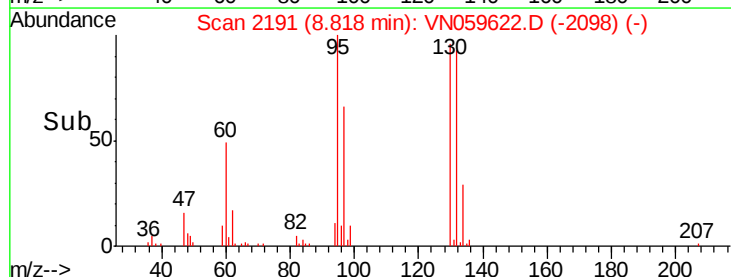
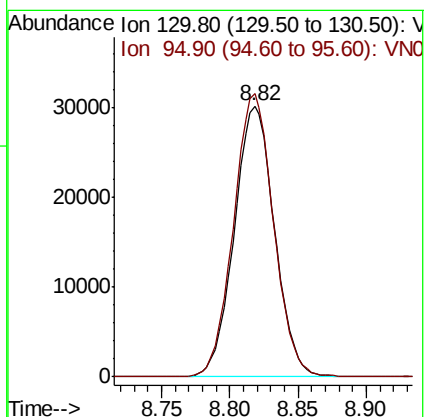
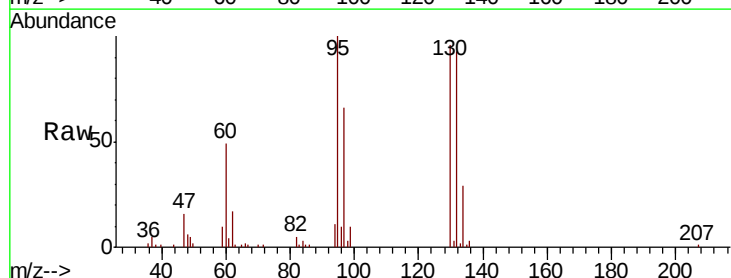
Acq: 17 Dec 2019 14:15

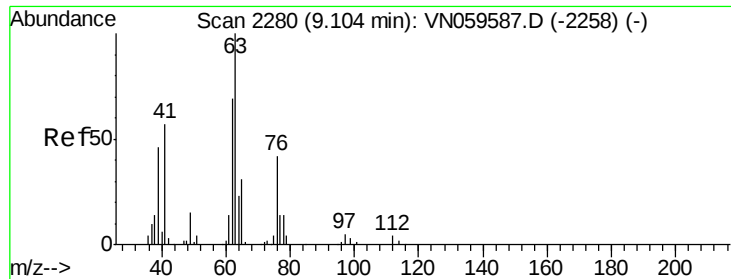
Tgt Ion: 130 Resp: 61808

Ion Ratio Lower Upper

130 100

95 104.6 0.0 207.0

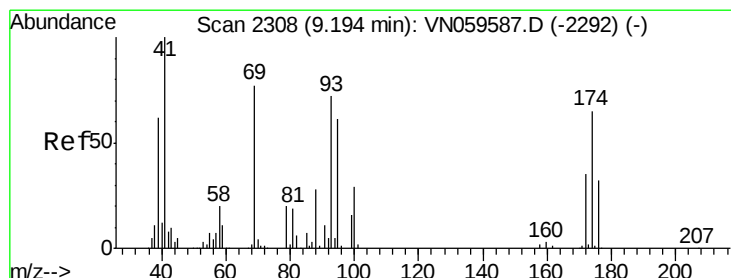
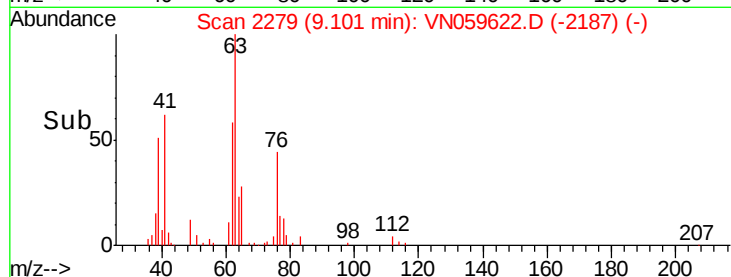
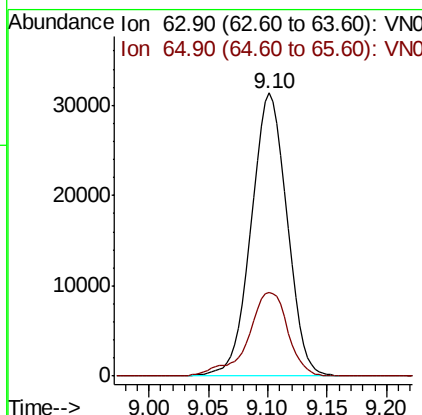
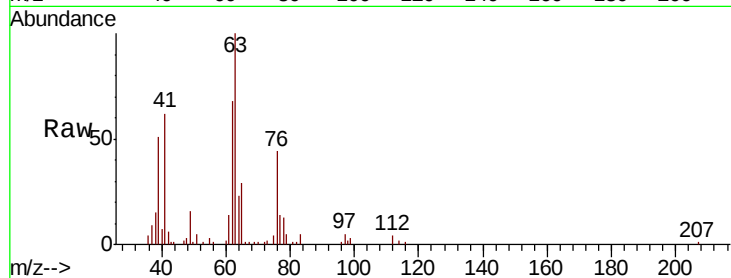




#45
 1,2-Dichloropropane
 Concen: 19.958 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

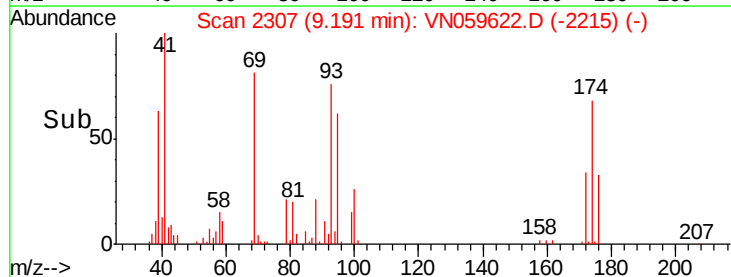
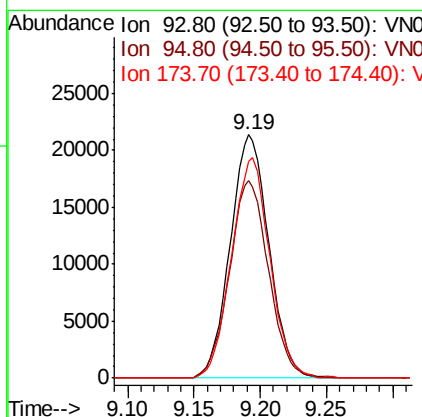
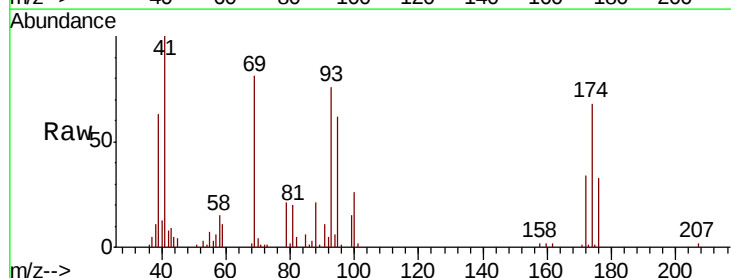
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

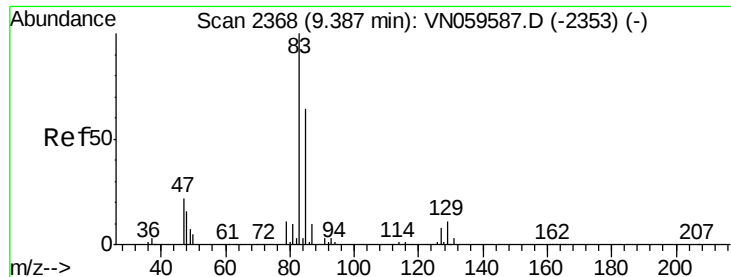
Tot Ion: 63 Resp: 65497
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.144 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

Tgt Ion: 93 Resp: 43311
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.6
 174 89.6 73.4 110.2





#47

Bromodichloromethane

Concen: 19.816 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

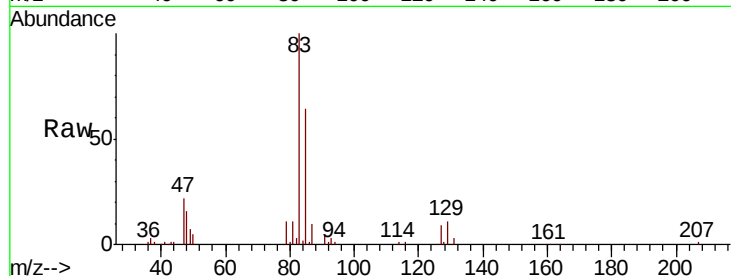
Tot Ion: 83 Resp: 84943

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7

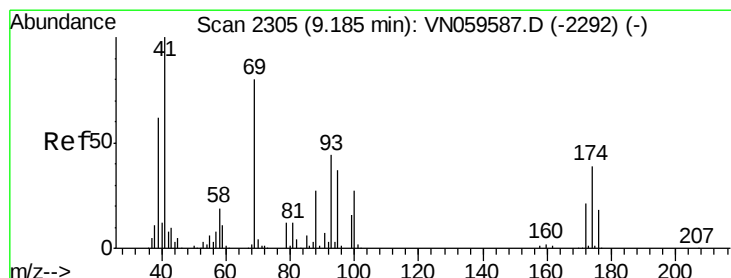
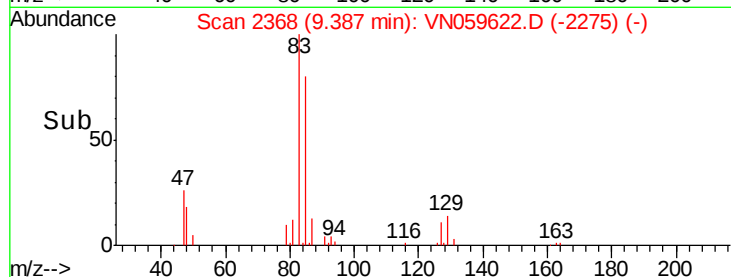
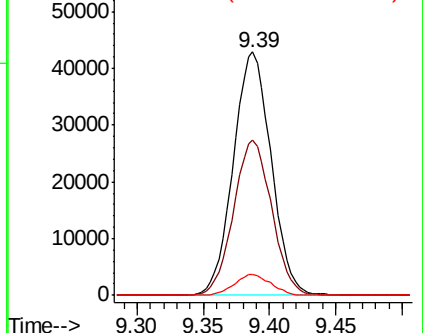
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN059587.D (-2353) (-)



#48

Methyl methacrylate

Concen: 18.453 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

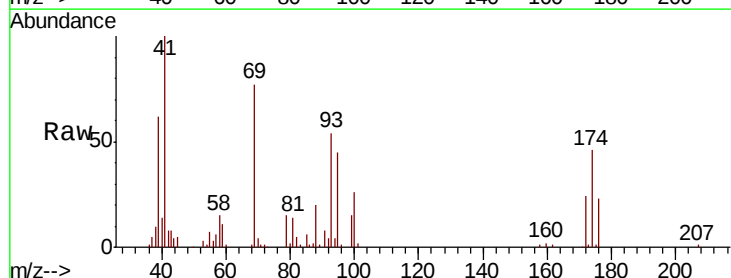
Tgt Ion: 41 Resp: 62913

Ion Ratio Lower Upper

41 100

69 81.2 64.4 96.6

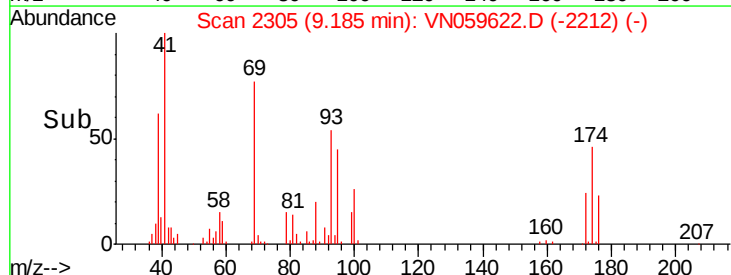
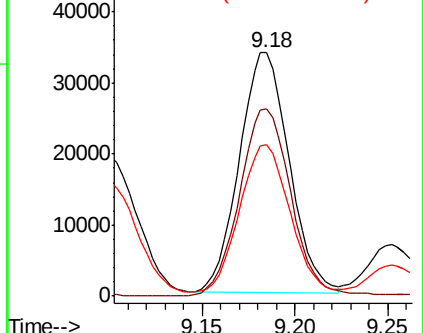
39 64.9 51.3 76.9

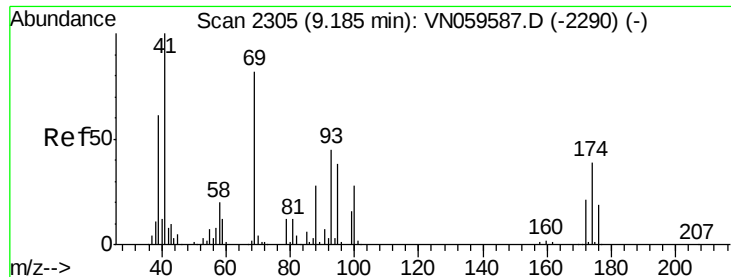


Abundance Ion 41.00 (40.70 to 41.70): VN059587.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN059587.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN059587.D (-2292) (-)

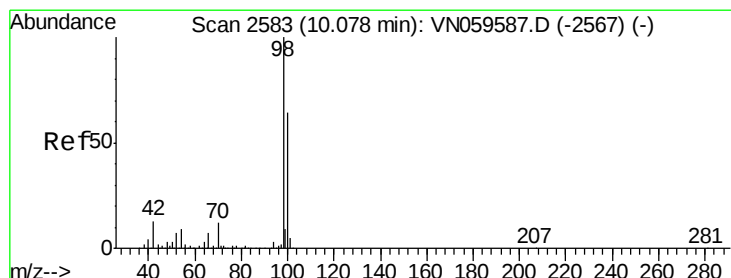
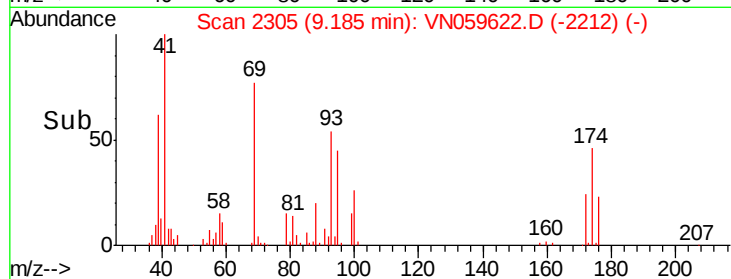
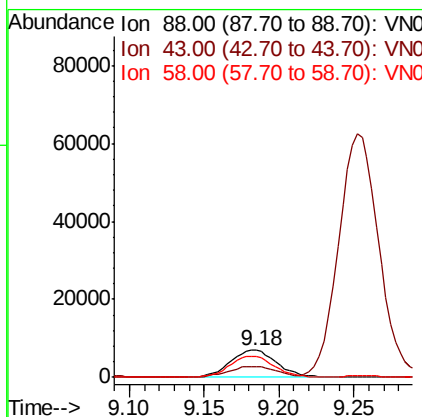
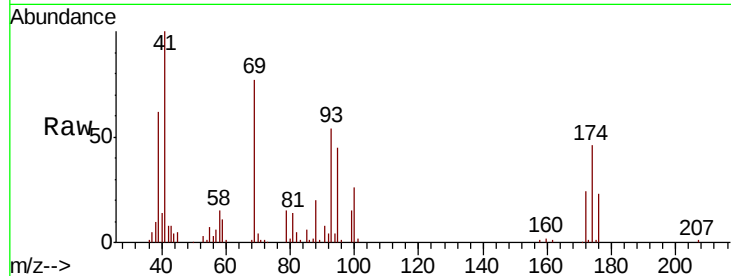




#49
 1,4-Dioxane
 Concen: 305.964 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

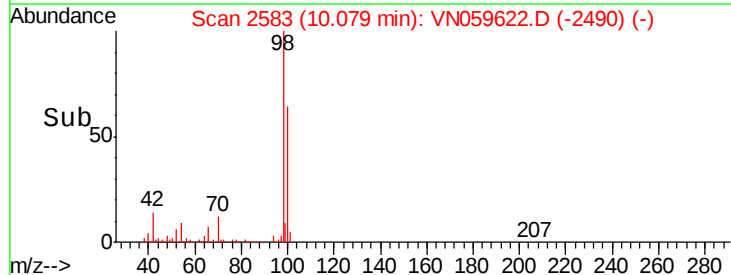
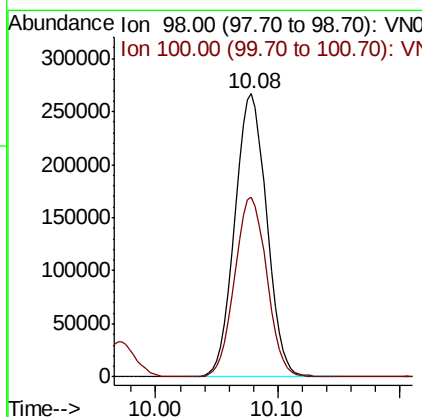
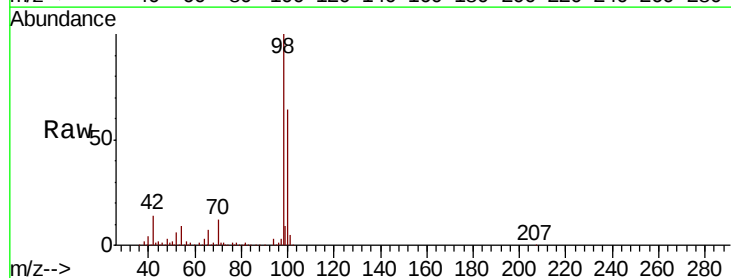
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

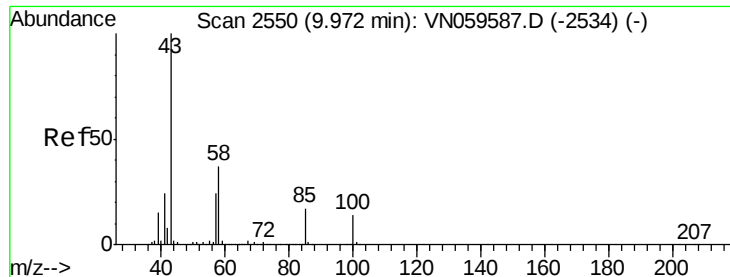
Tot Ion: 88 Resp: 14949
 Ion Ratio Lower Upper
 88 100
 43 41.7 29.7 44.5
 58 75.4 56.6 85.0



#50
 Toluene-d8
 Concen: 48.930 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

Tgt Ion: 98 Resp: 483352
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 99.656 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

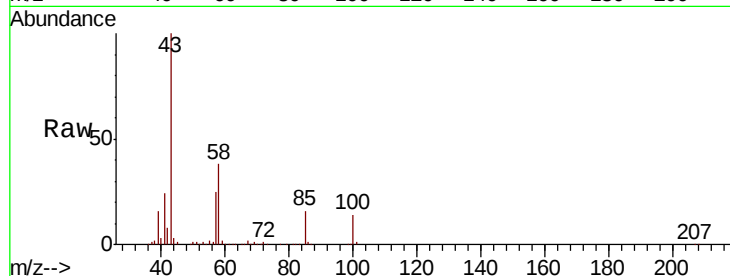
VN1217WBS01

Tot Ion: 43 Resp: 446502

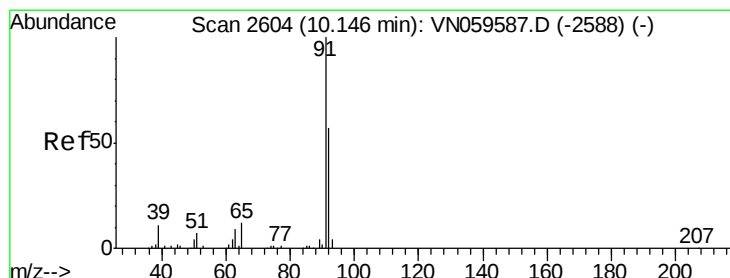
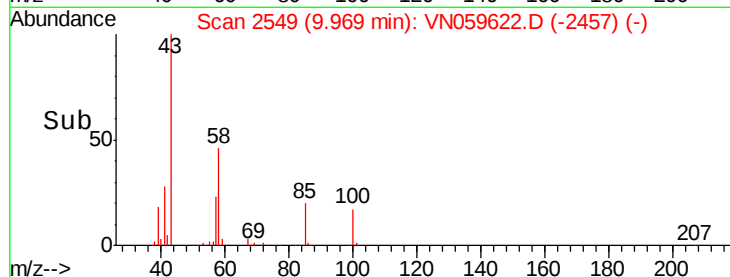
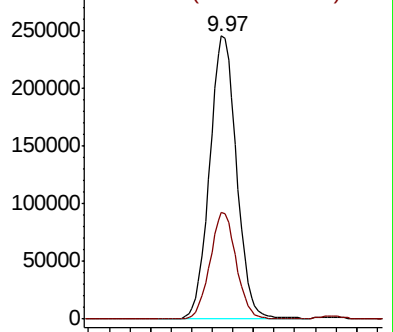
Ion Ratio Lower Upper

43 100

58 36.6 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-2534) (-)



#52

Toluene

Concen: 19.544 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059622.D

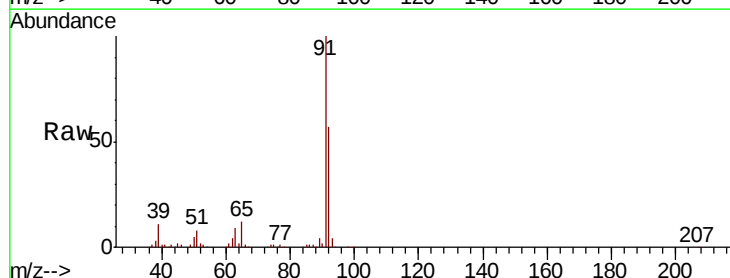
Acq: 17 Dec 2019 14:15

Tgt Ion: 92 Resp: 145940

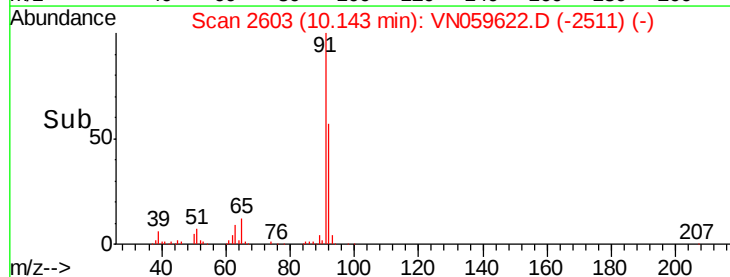
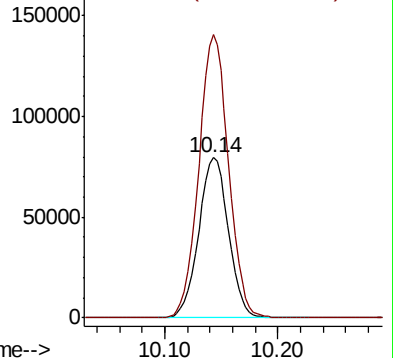
Ion Ratio Lower Upper

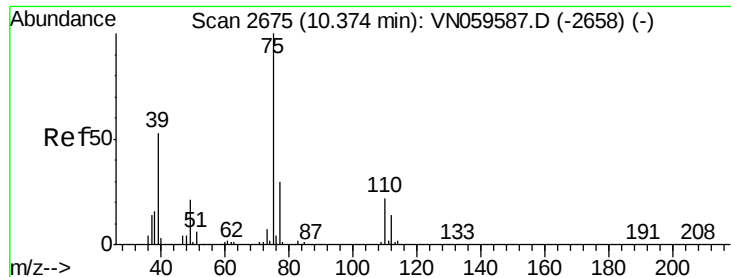
92 100

91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059587.D (-2588) (-)

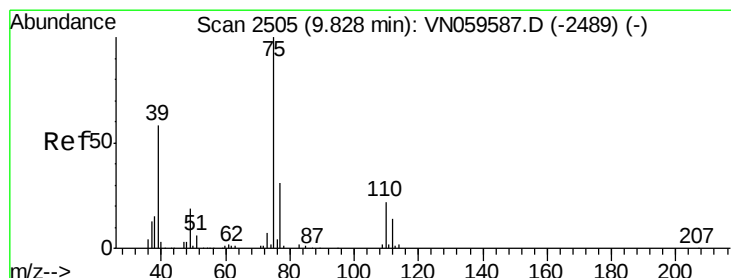
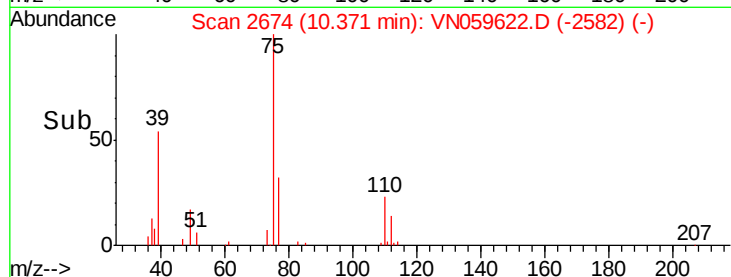
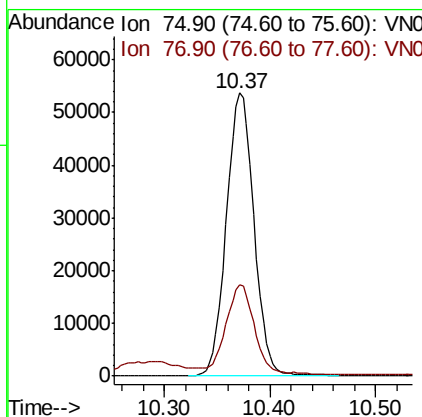
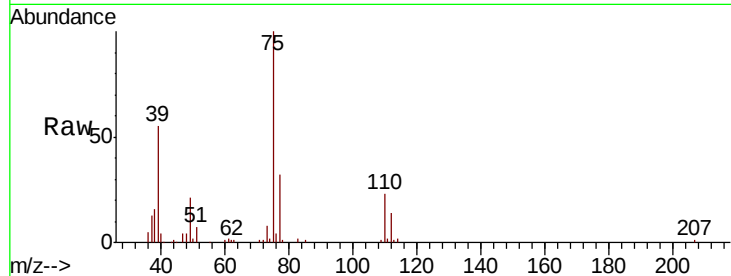




#53
t-1,3-Dichloropropene
Concen: 19.634 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

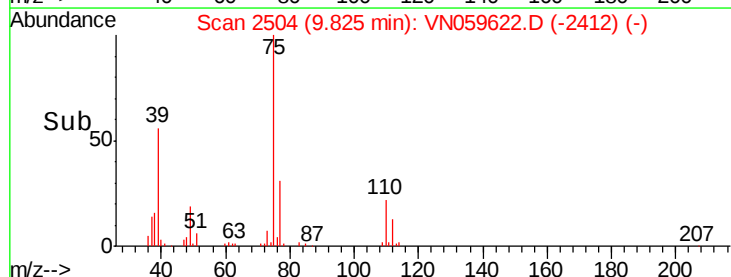
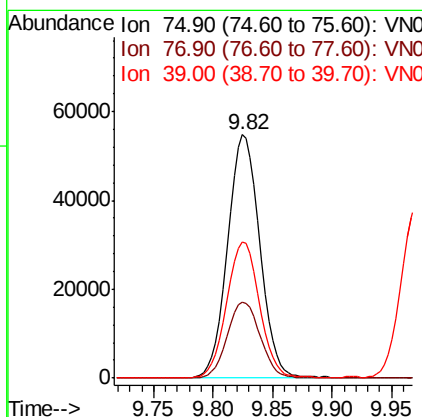
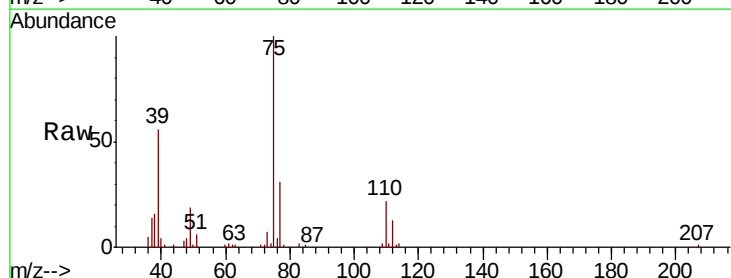
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

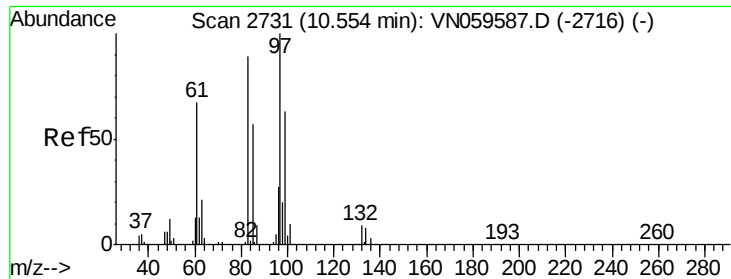
Tot Ion: 75 Resp: 97341
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.751 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 75 Resp: 102927
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 55.9 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 19.925 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

Tot Ion: 97 Resp: 58385

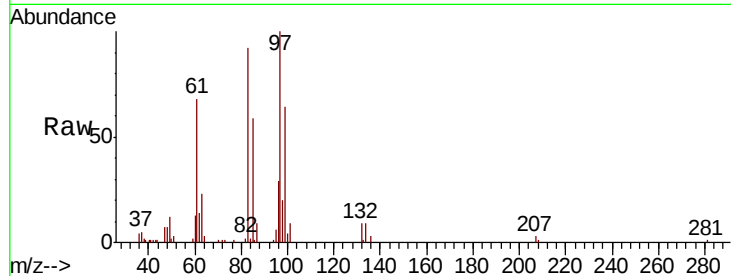
Ion Ratio Lower Upper

97 100

83 92.1 71.3 106.9

85 58.9 45.8 68.8

99 63.7 50.0 75.0



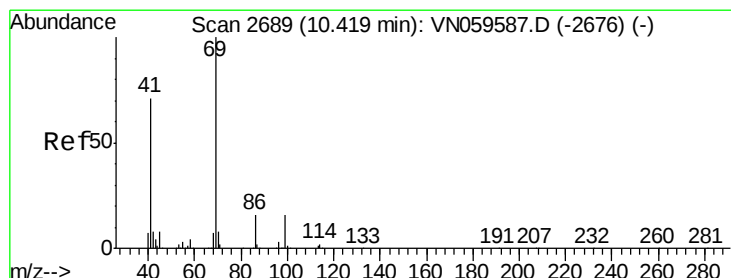
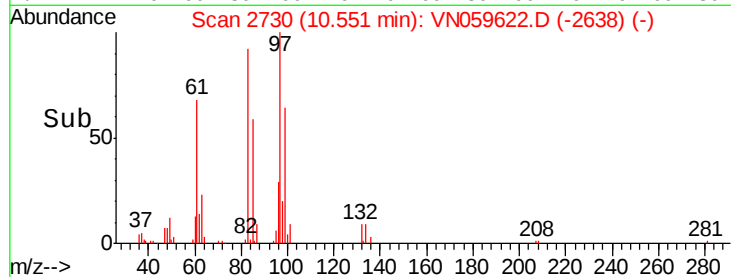
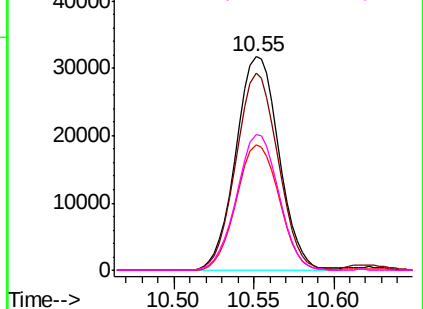
Abundance

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: 19.029 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

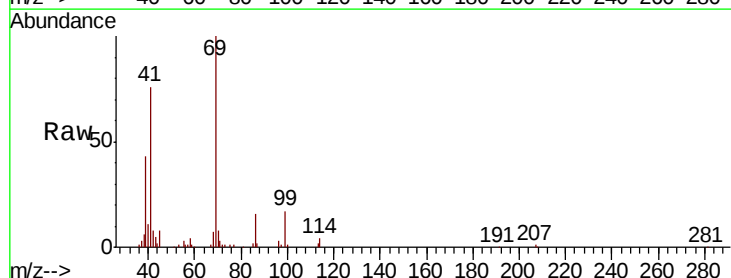
Tgt Ion: 69 Resp: 82774

Ion Ratio Lower Upper

69 100

41 72.9 57.1 85.7

39 42.0 34.7 52.1

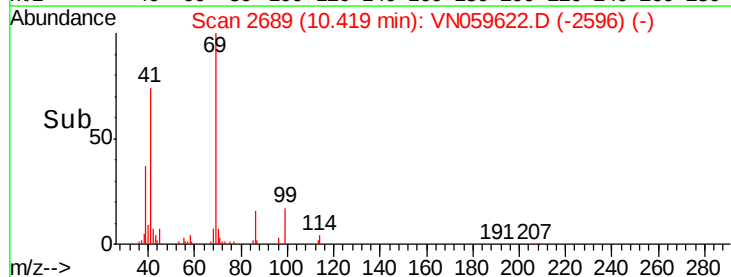
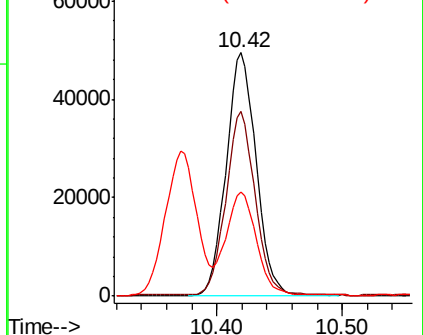


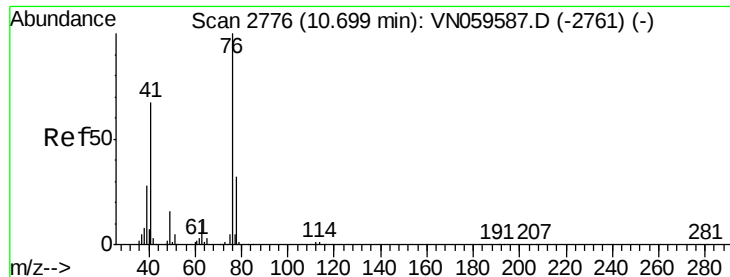
Abundance

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: 20.260 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

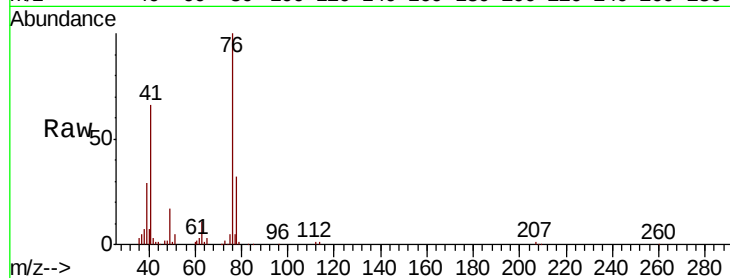
VN1217WBS01

Tot Ion: 76 Resp: 103366

Ion Ratio Lower Upper

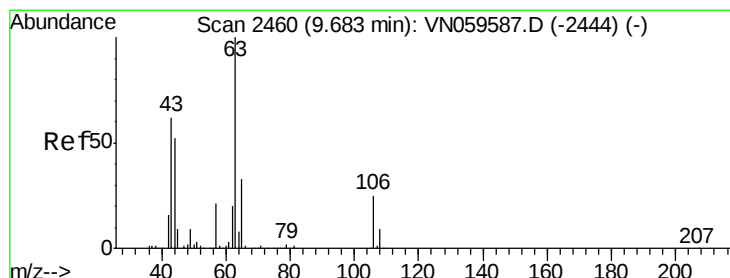
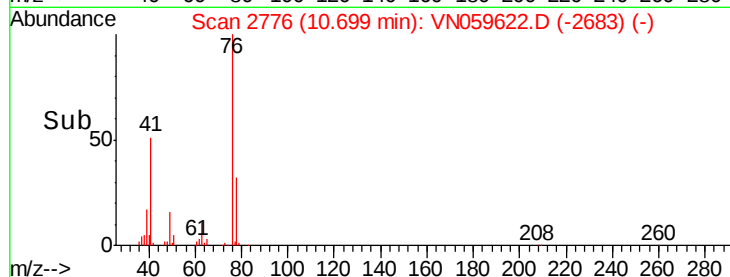
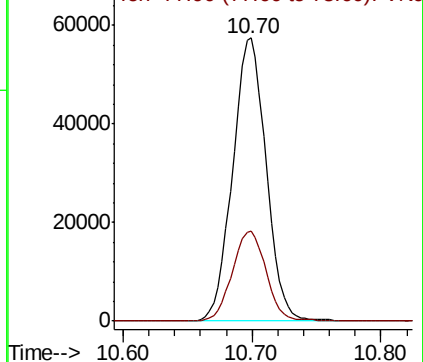
76 100

78 32.2 25.8 38.8



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: 108.428 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059622.D

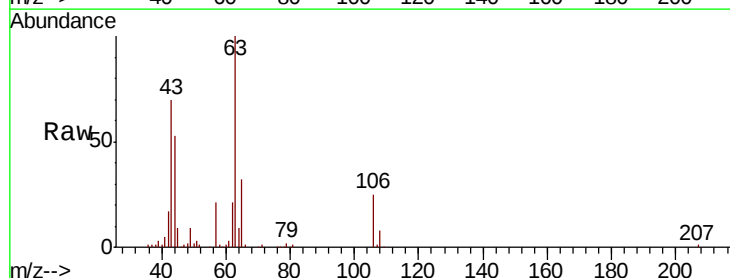
Acq: 17 Dec 2019 14:15

Tgt Ion: 63 Resp: 150007

Ion Ratio Lower Upper

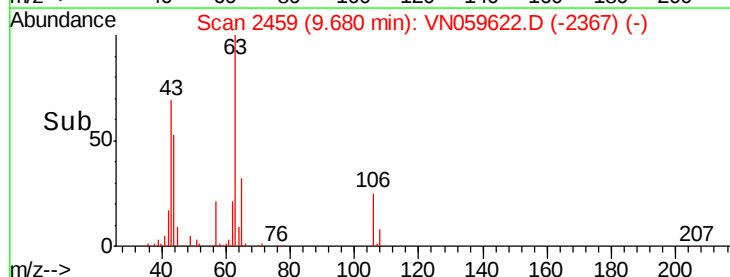
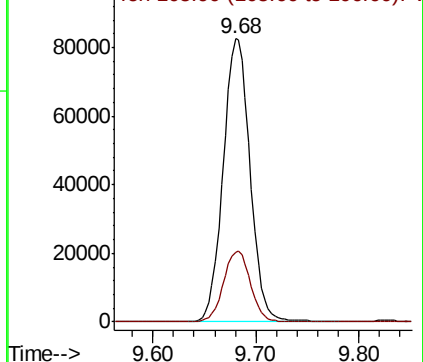
63 100

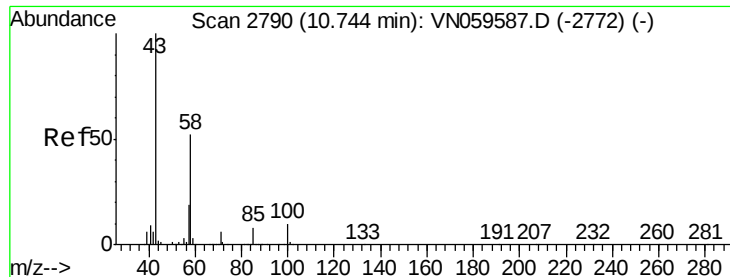
106 25.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

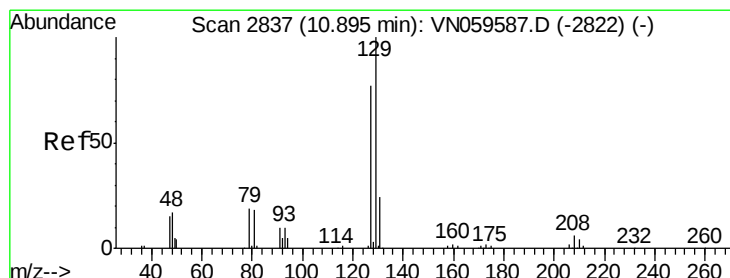
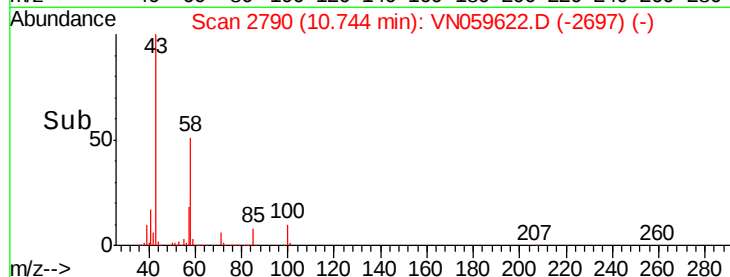
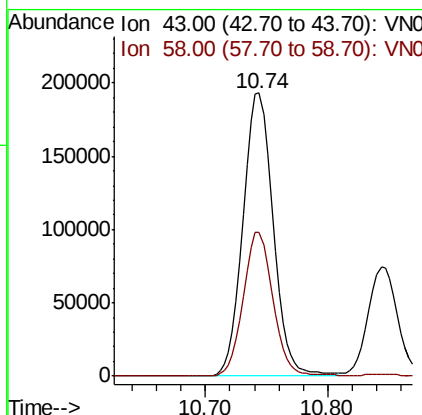
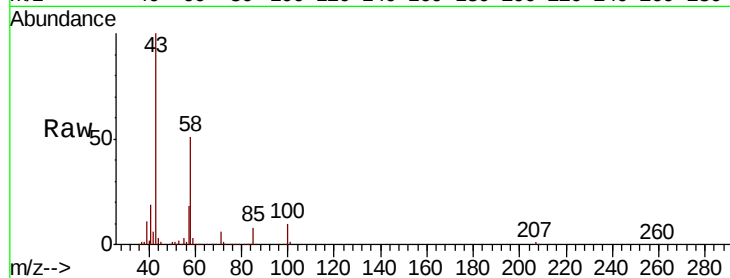




#59
2-Hexanone
Concen: 93.052 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

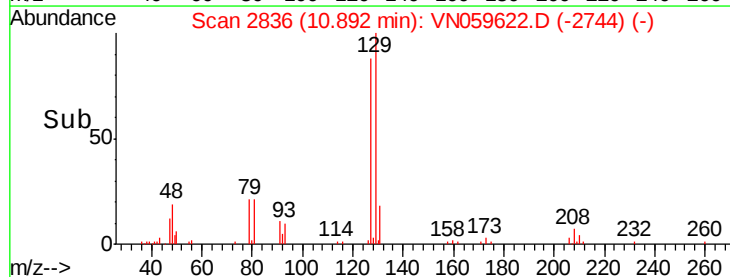
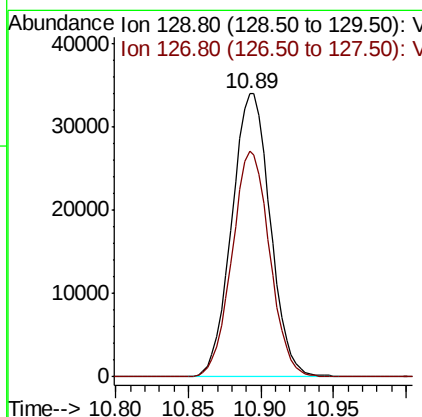
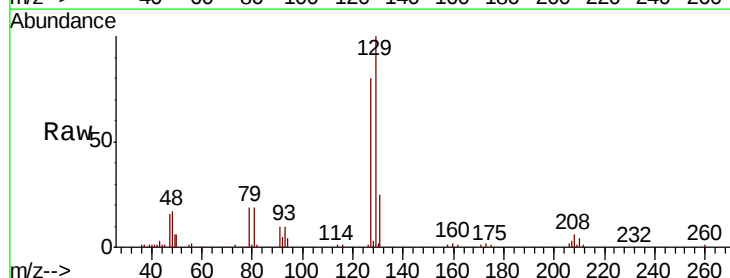
Instrument :
MSVOA_N
ClientSampled :
VN1217WBS01

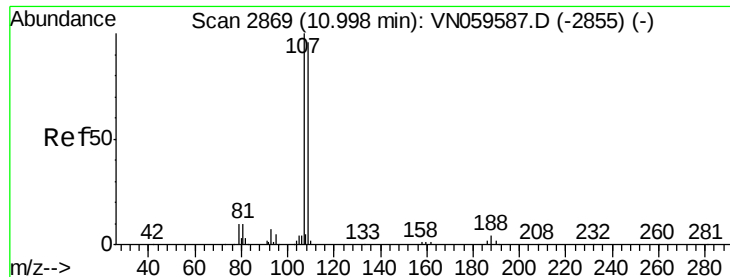
Tot Ion: 43 Resp: 328584
Ion Ratio Lower Upper
43 100
58 50.2 25.8 77.3



#60
Dibromochloromethane
Concen: 19.624 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion: 129 Resp: 62758
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.303 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

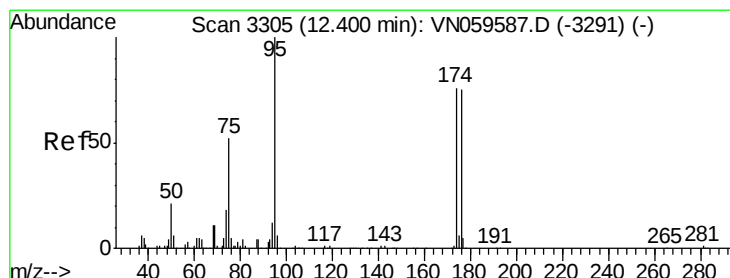
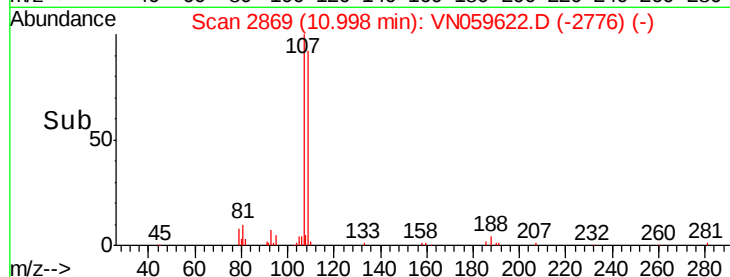
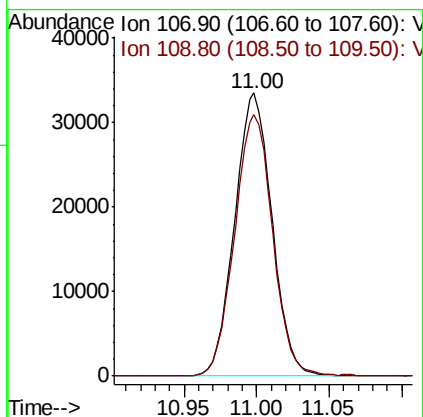
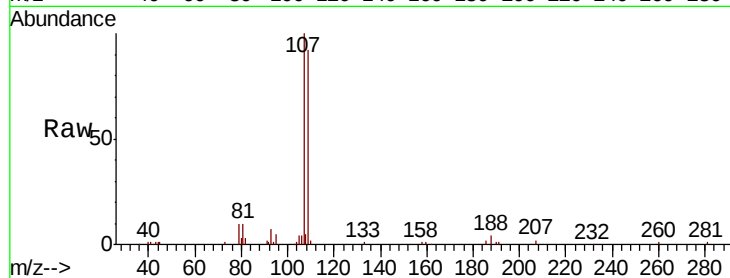
VN1217WBS01

Tot Ion:107 Resp: 59986

Ion Ratio Lower Upper

107 100

109 93.9 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 47.325 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

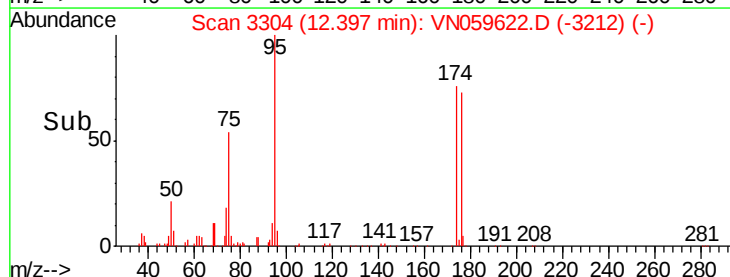
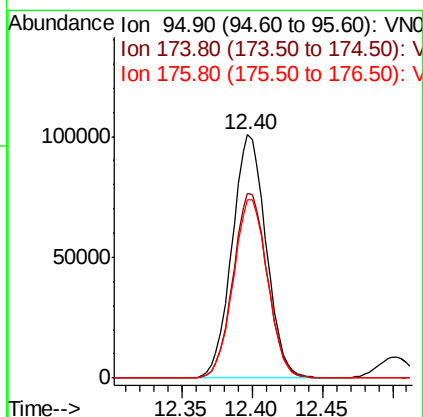
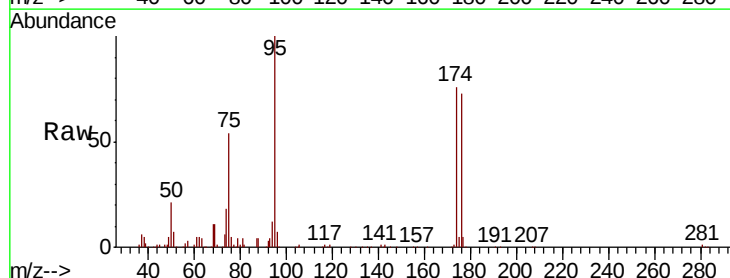
Tgt Ion: 95 Resp: 170583

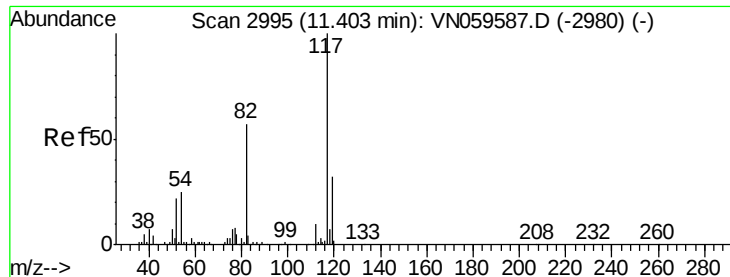
Ion Ratio Lower Upper

95 100

174 76.3 0.0 151.4

176 74.3 0.0 146.0

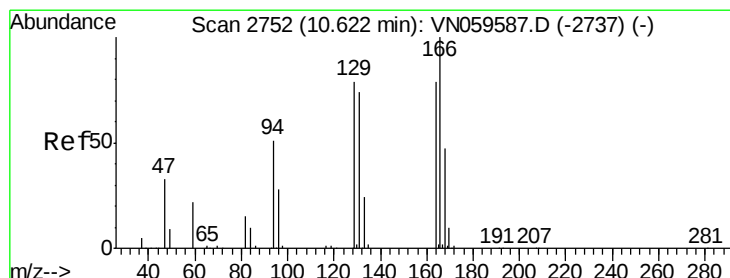
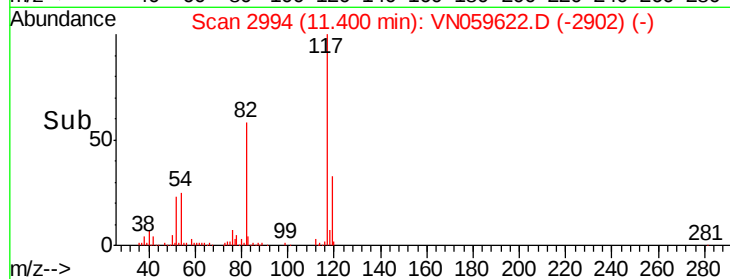
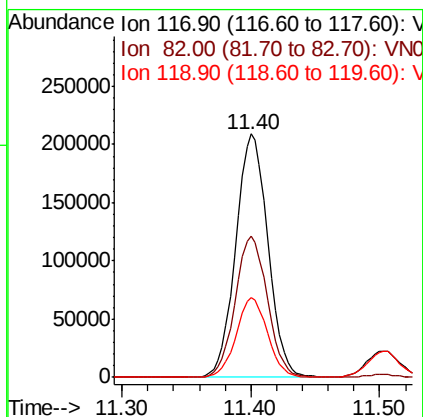
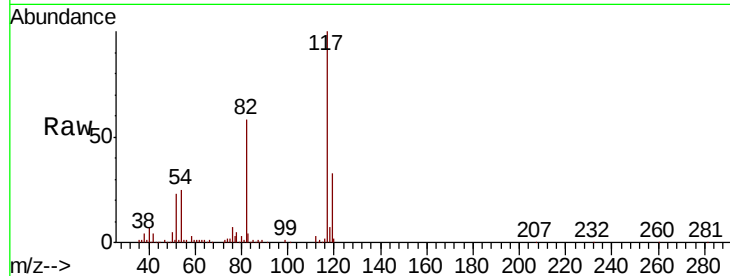




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

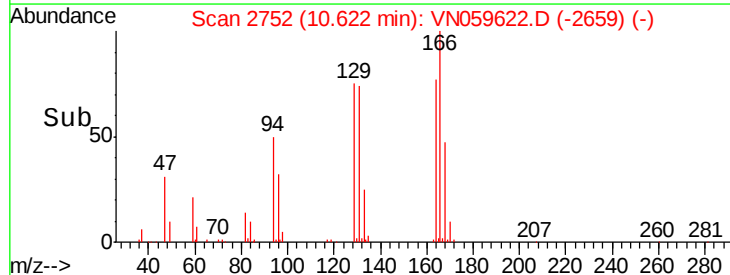
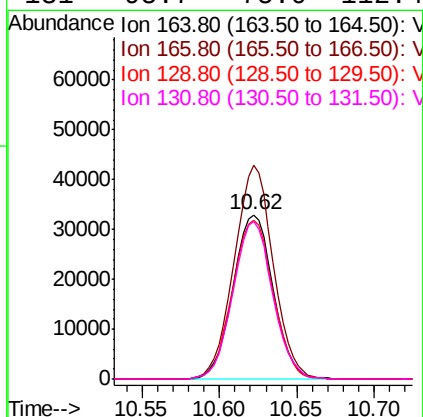
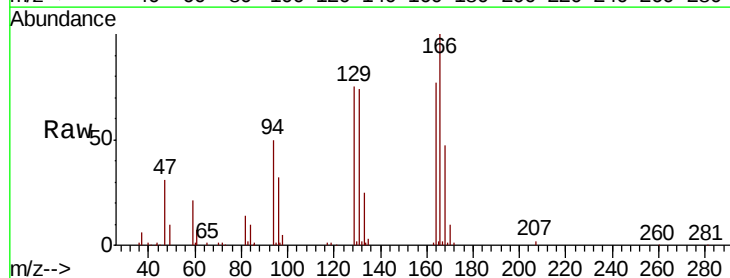
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

Tot Ion:117 Resp: 362498
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 17.581 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion:164 Resp: 59411
Ion Ratio Lower Upper
164 100
166 129.9 101.4 152.0
129 96.8 80.2 120.4
131 95.7 75.0 112.4





#65

Chlorobenzene

Concen: 19.474 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

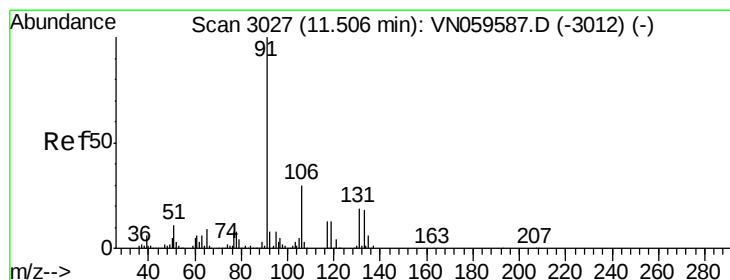
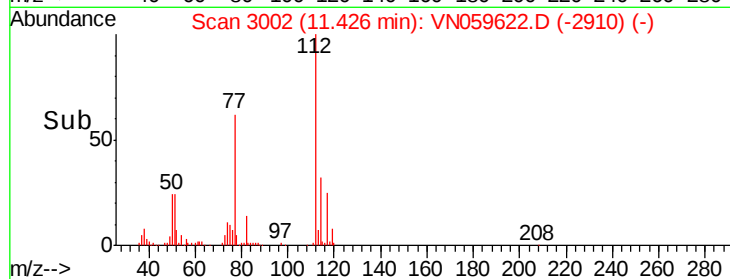
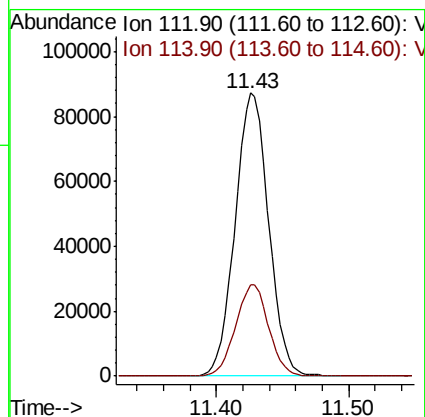
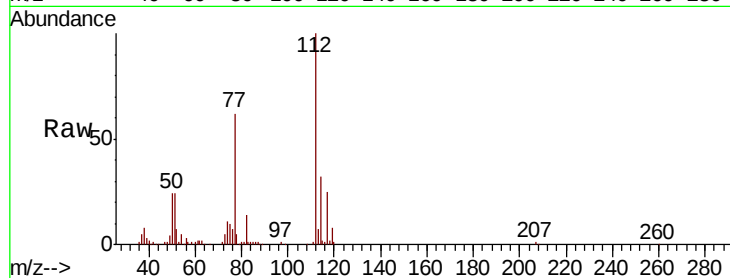
VN1217WBS01

Tot Ion:112 Resp: 152747

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 19.582 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

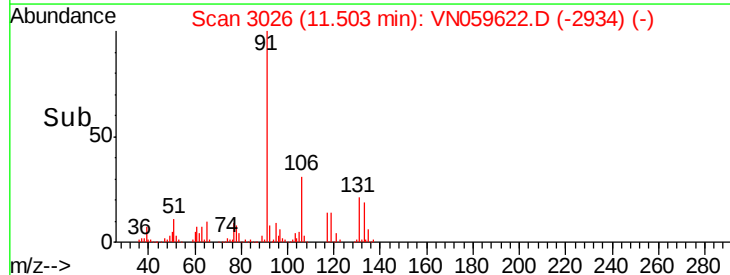
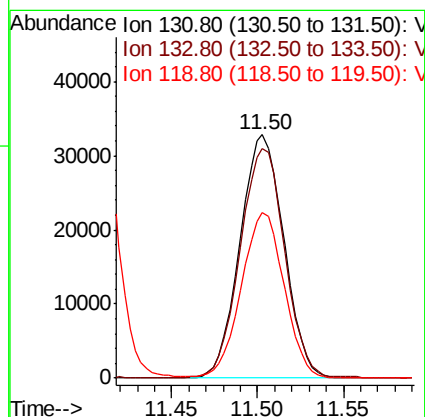
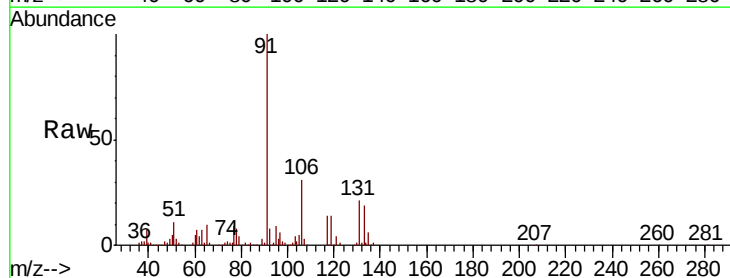
Tgt Ion:131 Resp: 58339

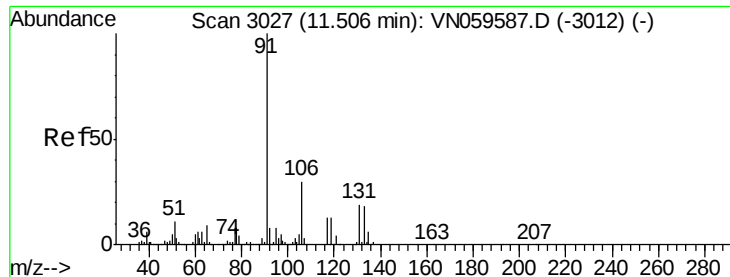
Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.2

119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 19.444 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

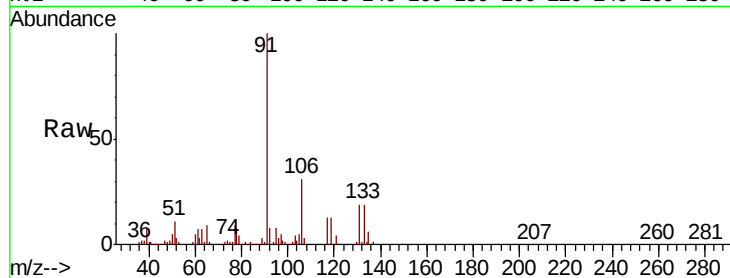
VN1217WBS01

Tot Ion: 91 Resp: 275293

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)

250000

200000

150000

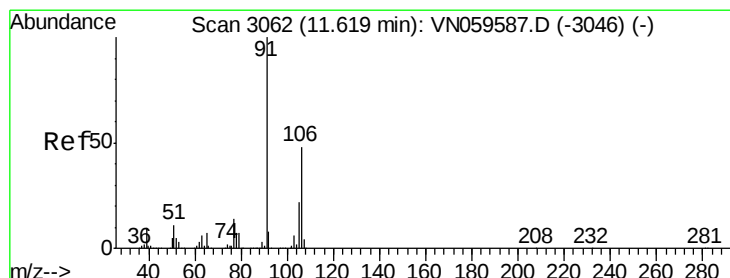
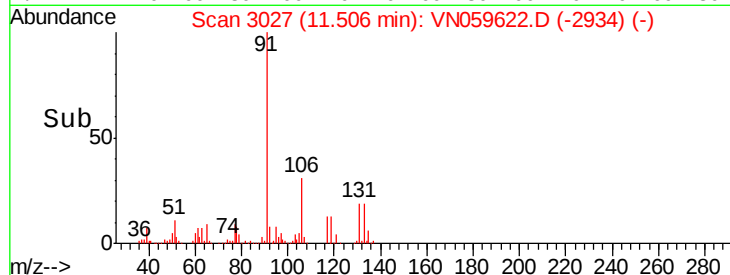
100000

50000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 39.123 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059622.D

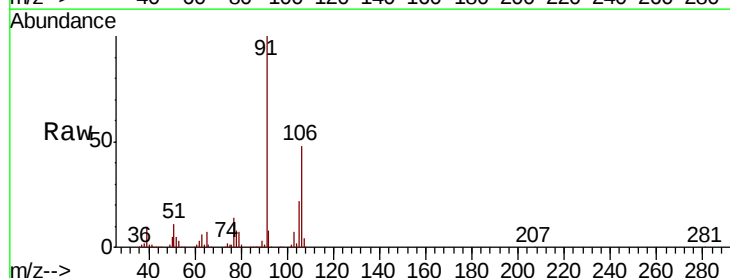
Acq: 17 Dec 2019 14:15

Tgt Ion: 106 Resp: 204536

Ion Ratio Lower Upper

106 100

91 209.3 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)

250000

200000

150000

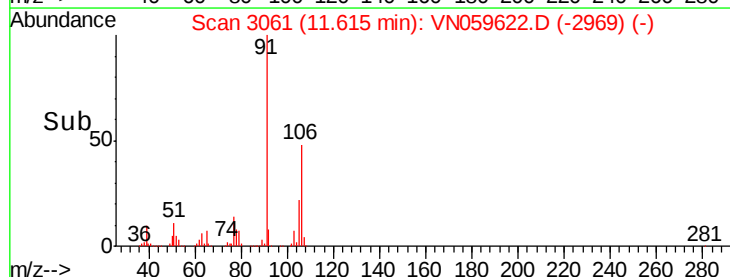
100000

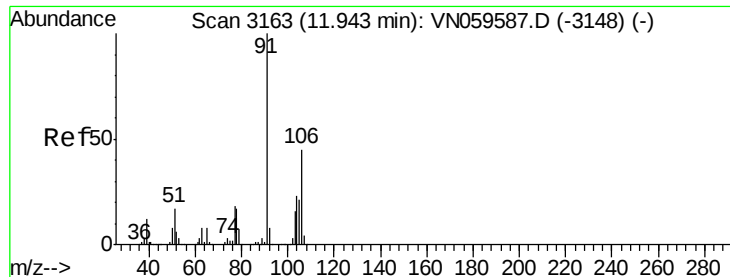
50000

0

11.60 11.62 11.70

Time-->

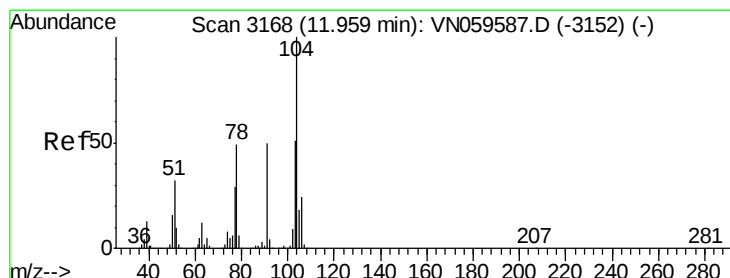
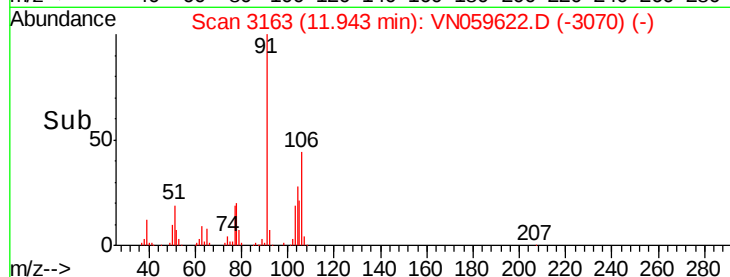
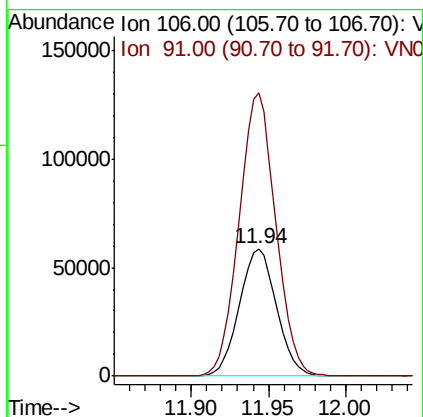
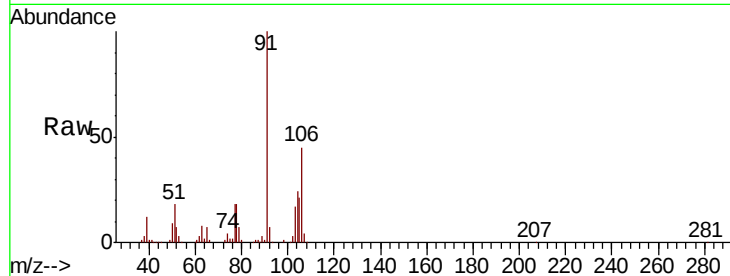




#69
o-Xylene
Concen: 19.671 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

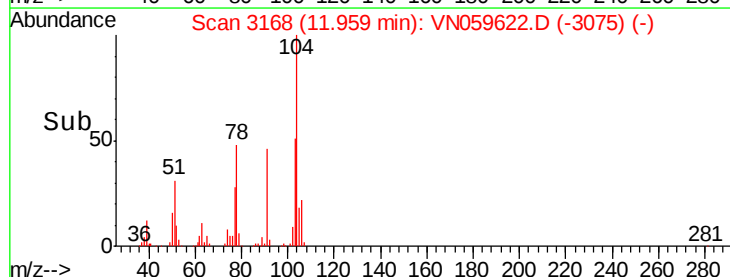
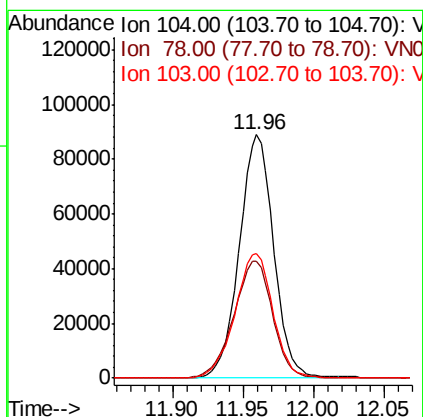
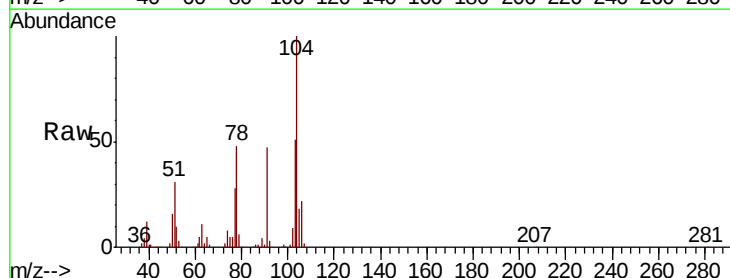
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBS01

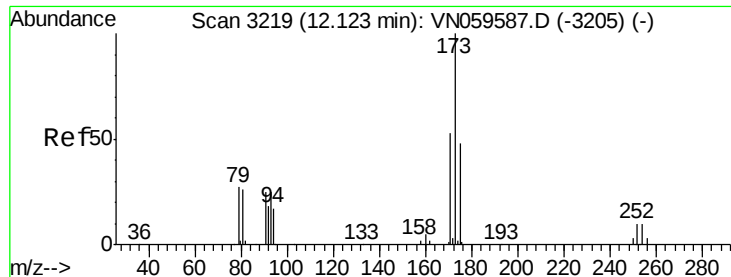
Tot Ion:106 Resp: 97856
Ion Ratio Lower Upper
106 100
91 219.7 110.3 330.9



#70
Styrene
Concen: 19.029 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059622.D
Acq: 17 Dec 2019 14:15

Tgt Ion:104 Resp: 152094
Ion Ratio Lower Upper
104 100
78 54.4 42.4 63.6
103 56.4 43.9 65.9





#71

Bromoform

Concen: 19.267 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

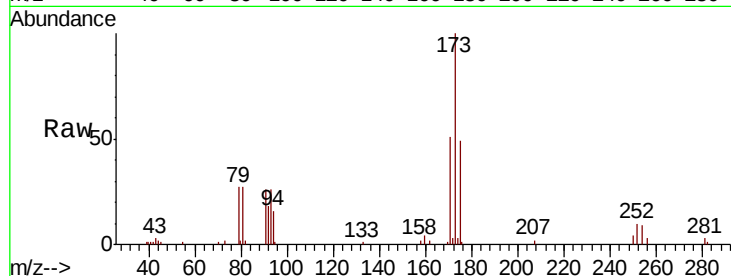
Tot Ion:173 Resp: 43148

Ion Ratio Lower Upper

173 100

175 48.8 23.8 71.4

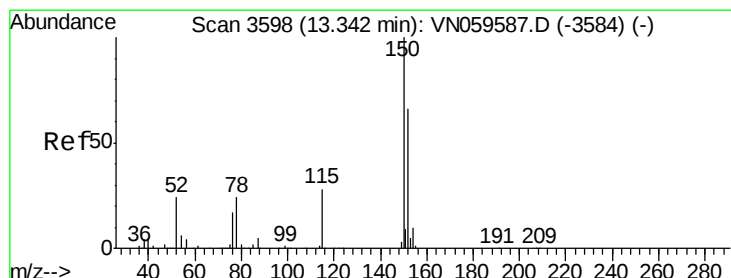
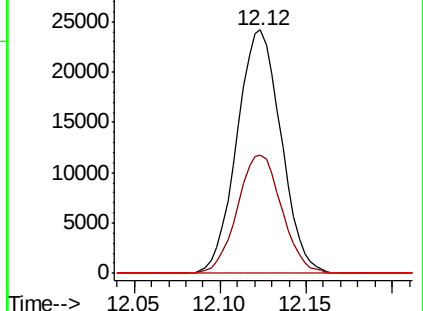
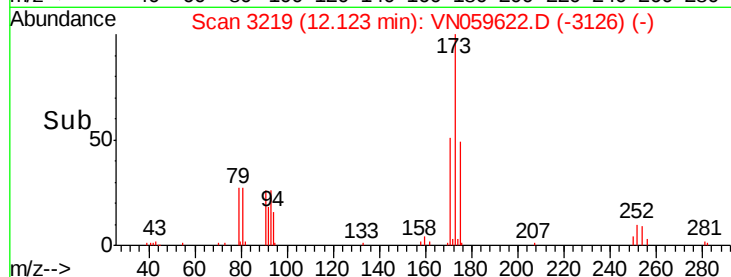
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

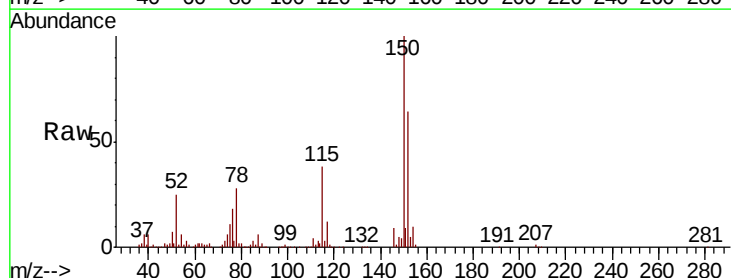
Tgt Ion:152 Resp: 166816

Ion Ratio Lower Upper

152 100

115 59.3 30.3 90.9

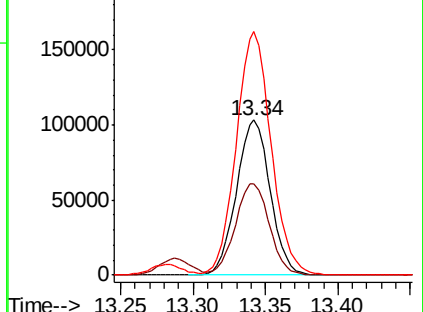
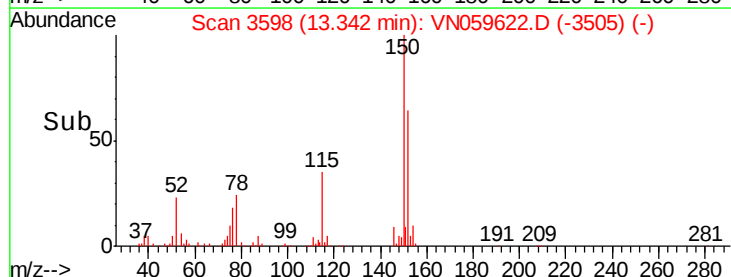
150 163.1 0.0 345.2

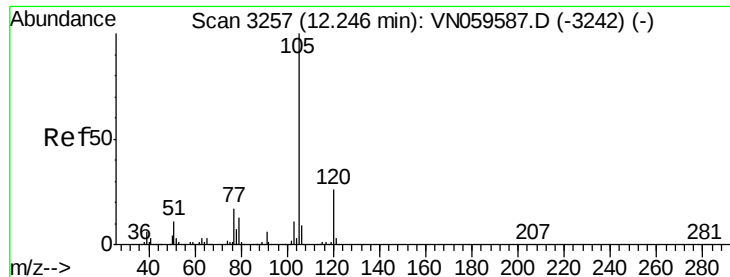


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.929 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

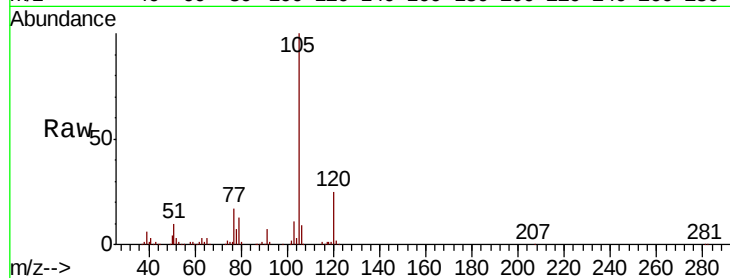
VN1217WBS01

Tot Ion:105 Resp: 260978

Ion Ratio Lower Upper

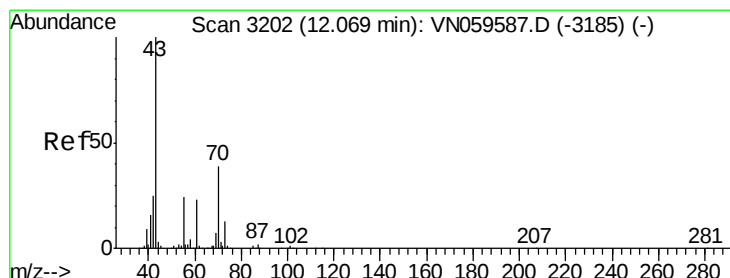
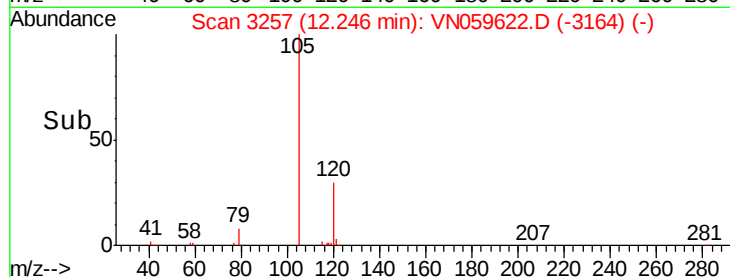
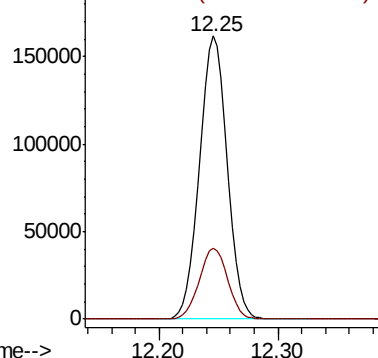
105 100

120 25.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.991 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Tgt Ion: 43 Resp: 114075

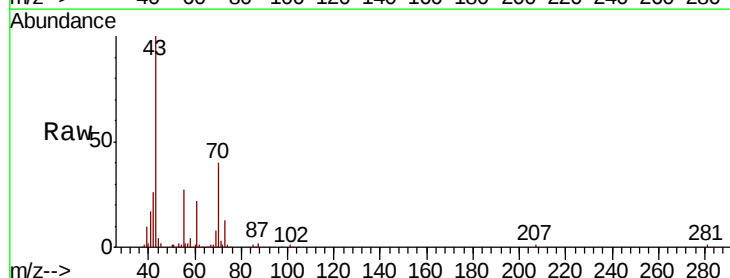
Ion Ratio Lower Upper

43 100

70 39.7 31.3 46.9

55 27.6 19.8 29.6

61 21.9 18.3 27.5

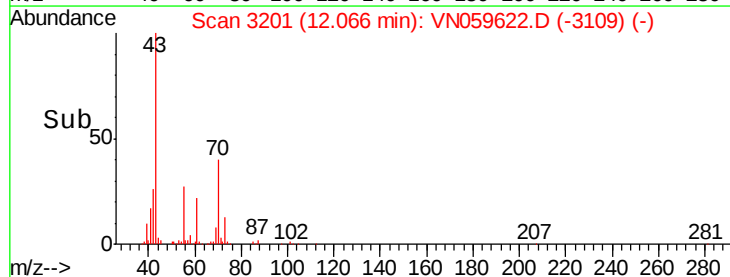
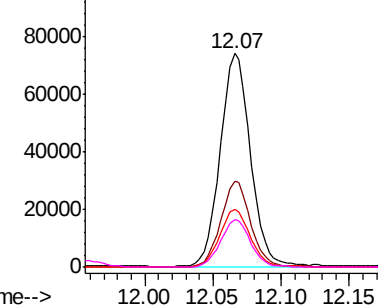


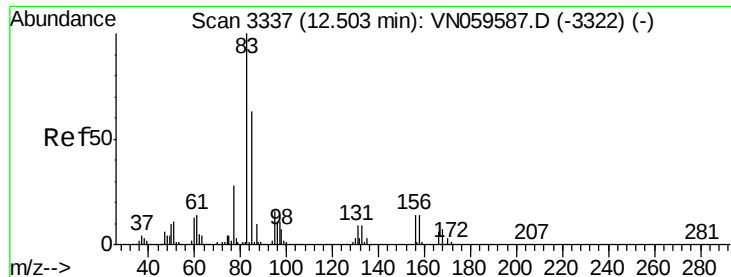
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.937 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

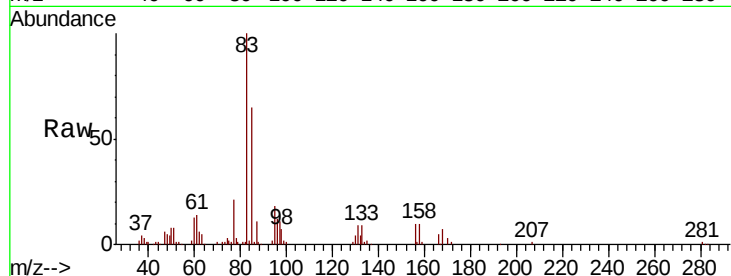
Tot Ion: 83 Resp: 82817

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

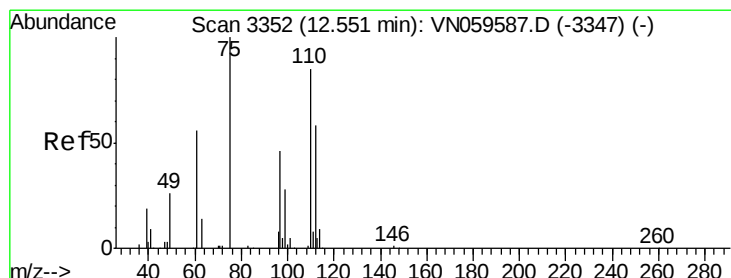
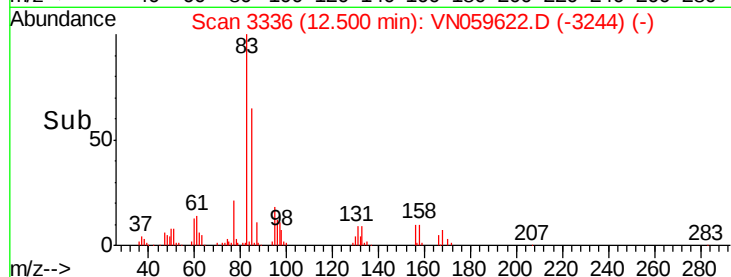
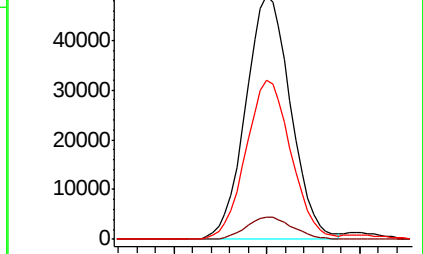
85 65.3 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059587.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059587.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.379 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059622.D

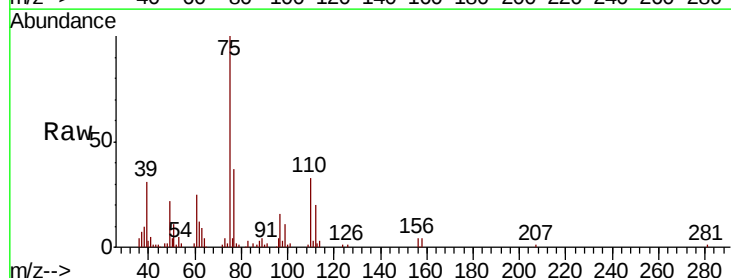
Acq: 17 Dec 2019 14:15

Tgt Ion: 75 Resp: 121326

Ion Ratio Lower Upper

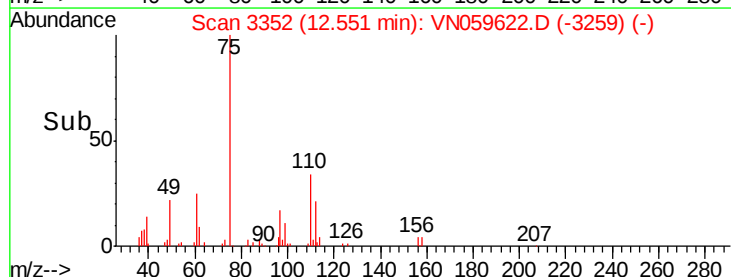
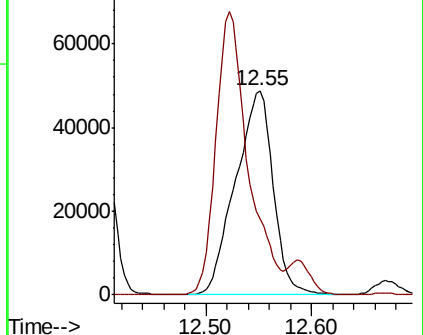
75 100

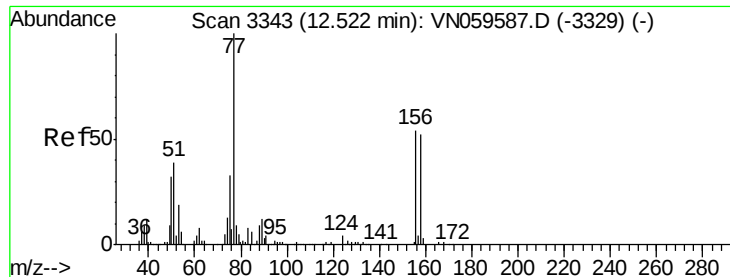
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059587.D (-3347) (-)





#77

Bromobenzene

Concen: 19.462 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

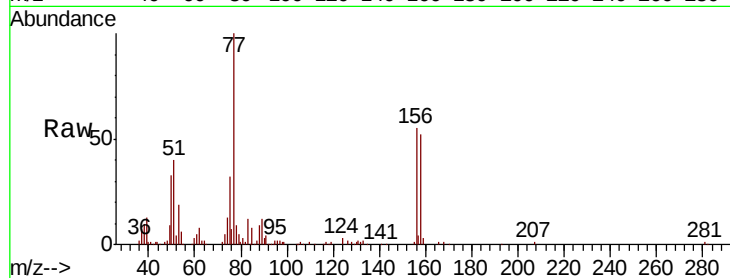
Tot Ion:156 Resp: 62674

Ion Ratio Lower Upper

156 100

77 229.6 115.8 347.4

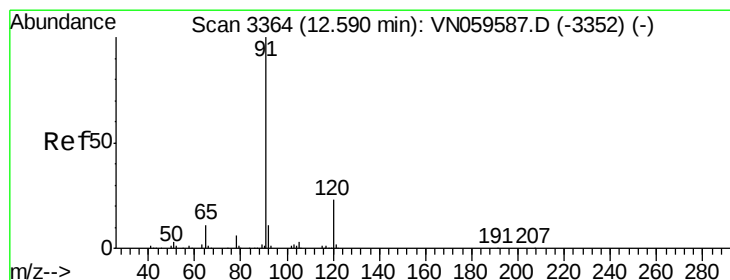
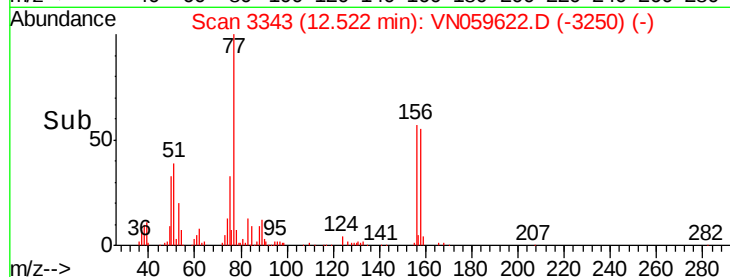
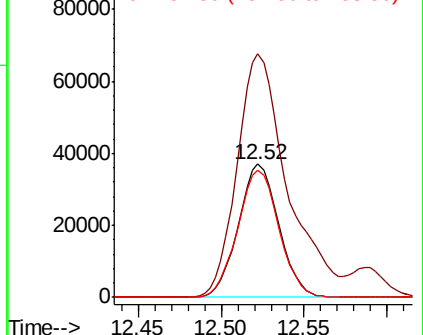
158 97.6 49.2 147.6



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: 19.898 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059622.D

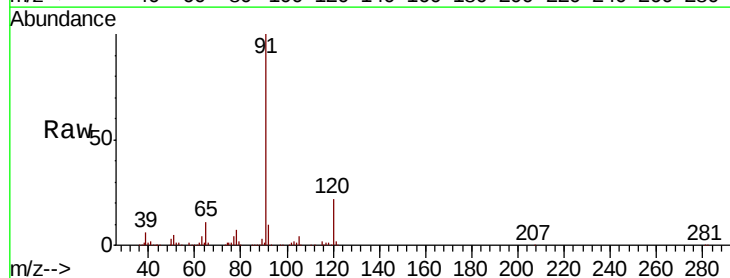
Acq: 17 Dec 2019 14:15

Tgt Ion: 91 Resp: 308009

Ion Ratio Lower Upper

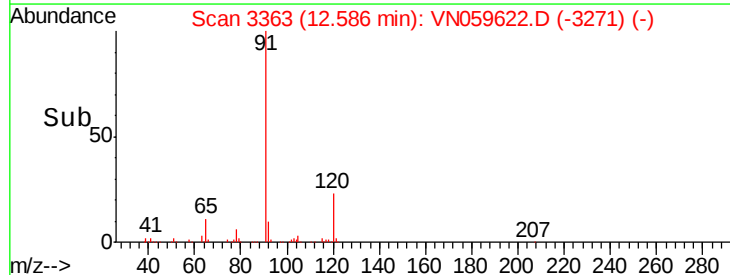
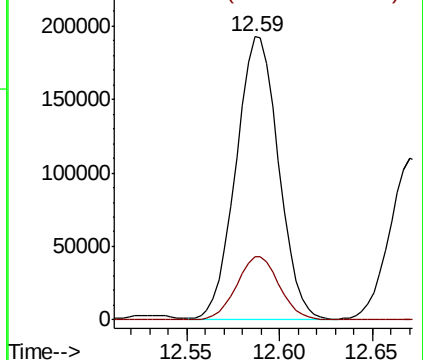
91 100

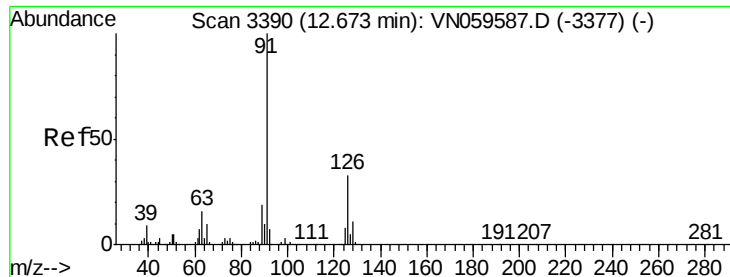
120 22.3 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

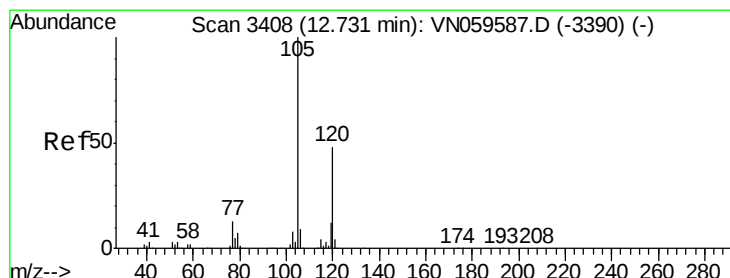
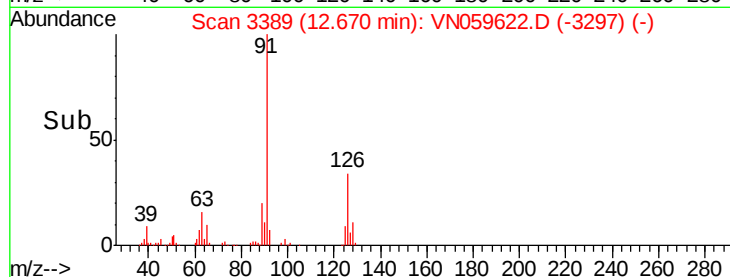
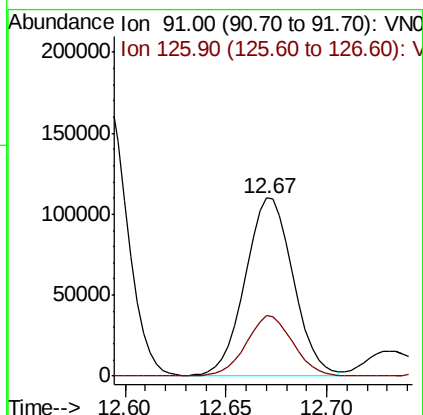
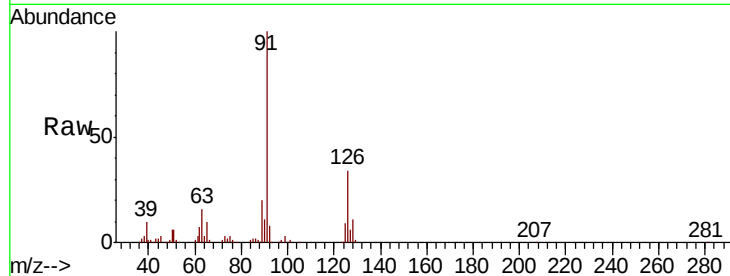




#79
 2-Chlorotoluene
 Concen: 19.595 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

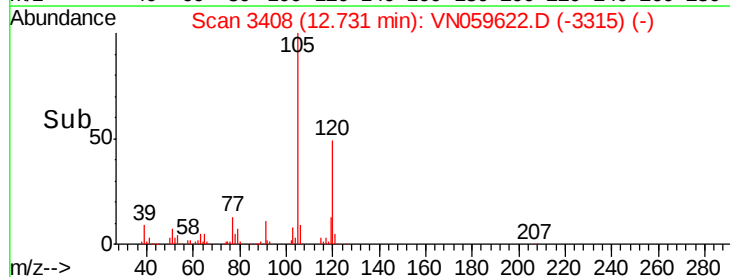
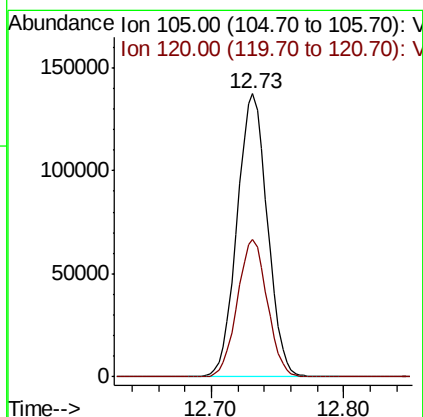
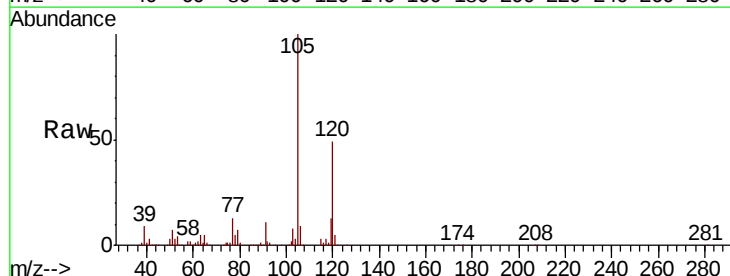
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS01

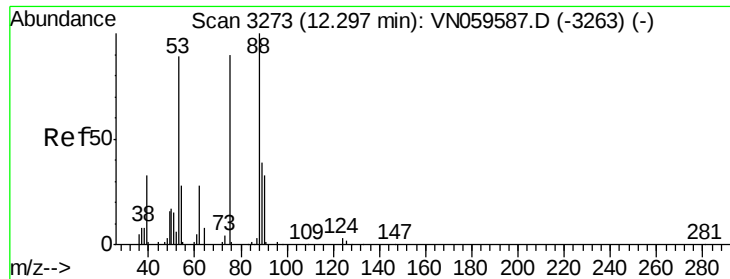
Tot Ion: 91 Resp: 183413
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.684 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059622.D
 Acq: 17 Dec 2019 14:15

Tgt Ion: 105 Resp: 218135
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.981 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

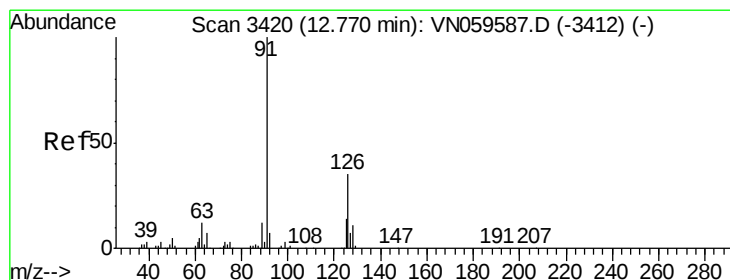
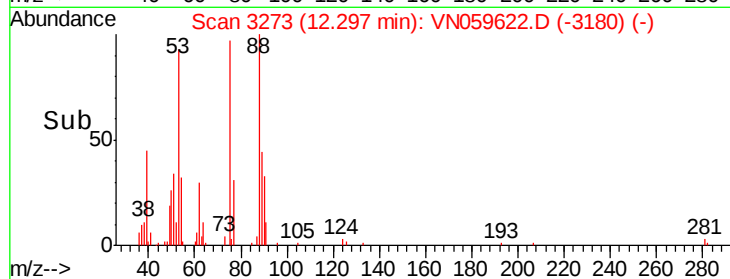
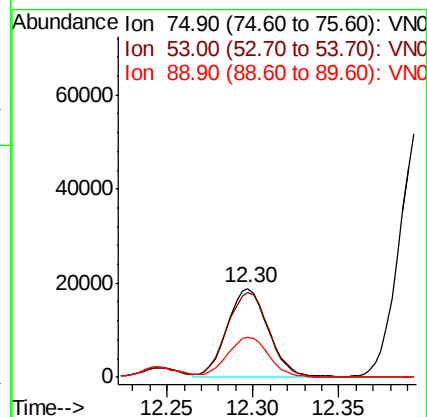
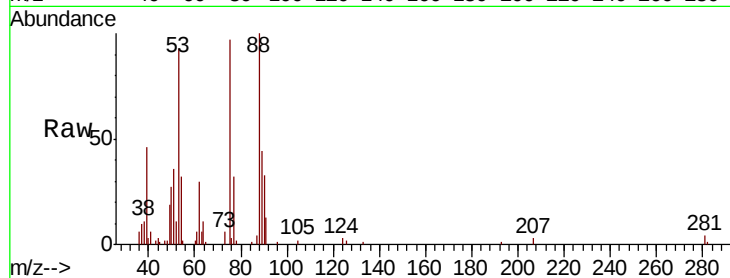
Tot Ion: 75 Resp: 31736

Ion Ratio Lower Upper

75 100

53 95.3 78.1 117.1

89 44.8 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.718 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059622.D

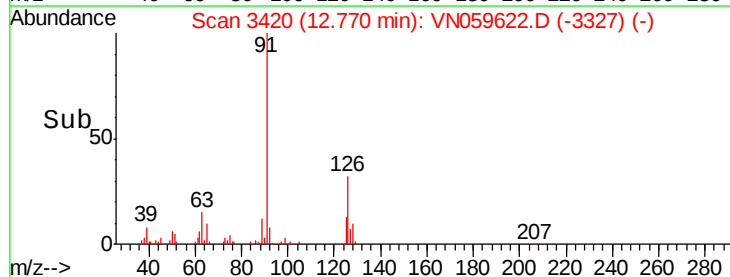
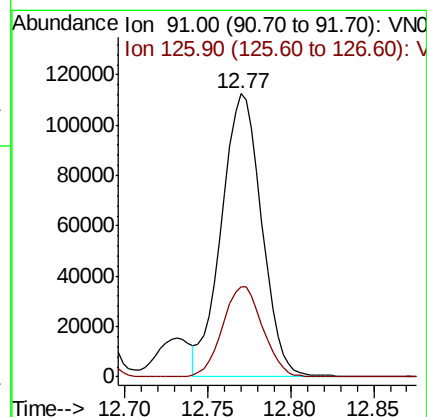
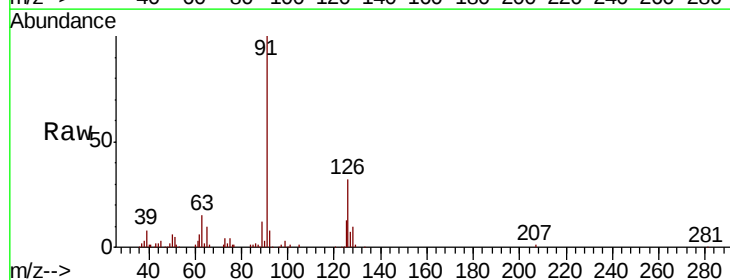
Acq: 17 Dec 2019 14:15

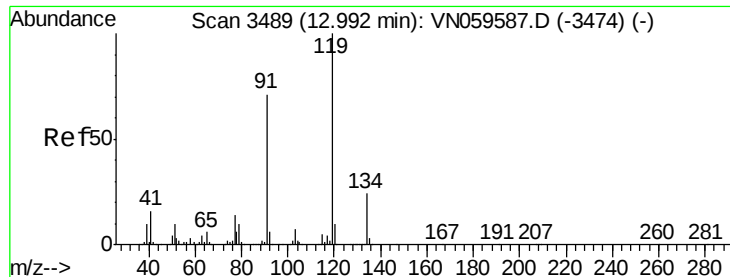
Tgt Ion: 91 Resp: 188977

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8





#83

tert-Butylbenzene

Concen: 19.477 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

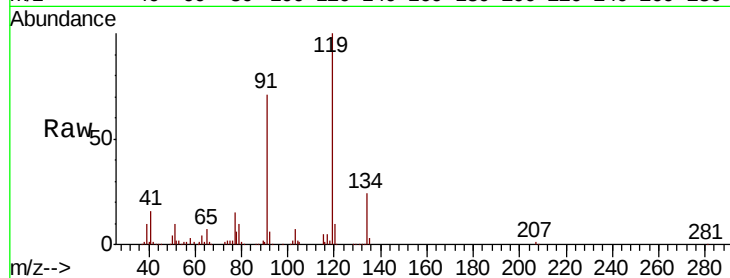
Tot Ion:119 Resp: 182786

Ion Ratio Lower Upper

119 100

91 68.8 34.8 104.4

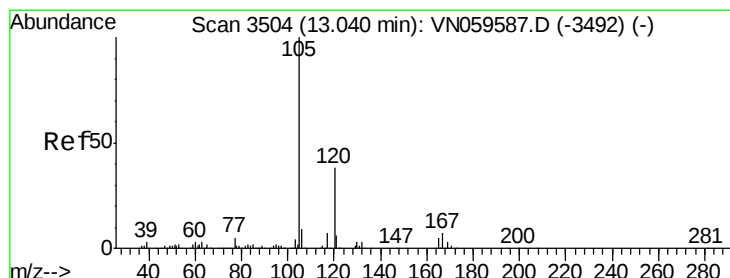
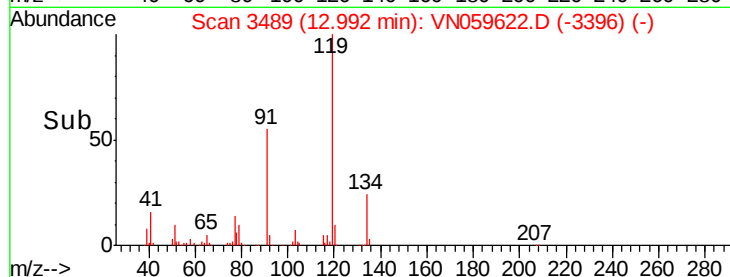
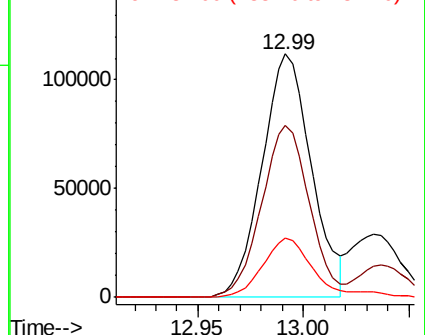
134 25.2 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.943 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059622.D

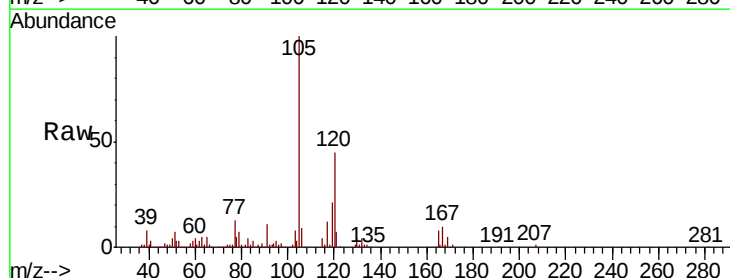
Acq: 17 Dec 2019 14:15

Tgt Ion:105 Resp: 219758

Ion Ratio Lower Upper

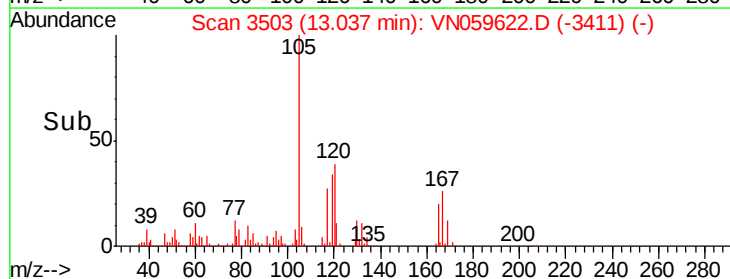
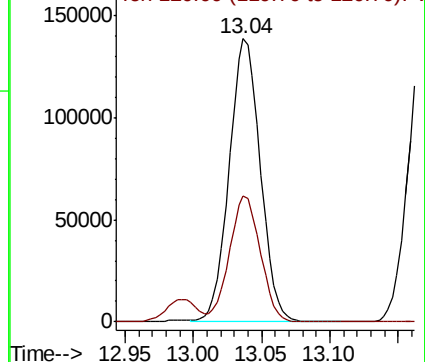
105 100

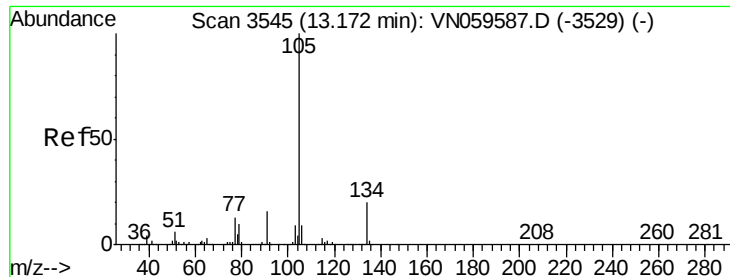
120 44.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.794 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

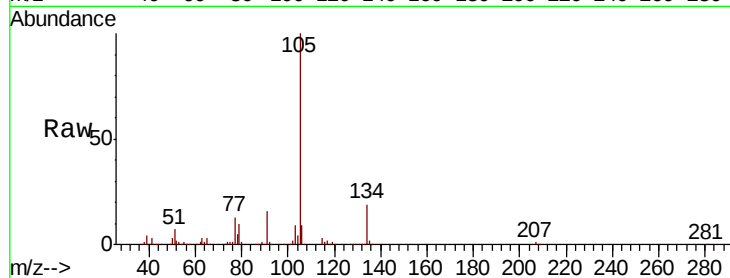
VN1217WBS01

Tot Ion:105 Resp: 247104

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

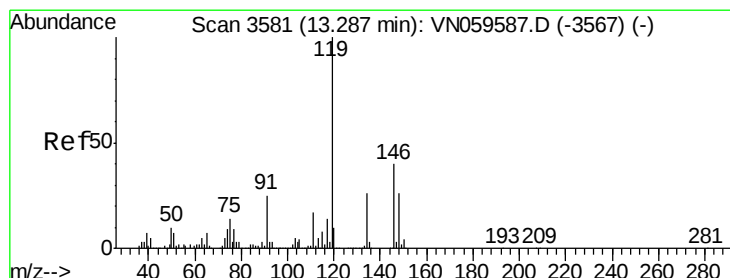
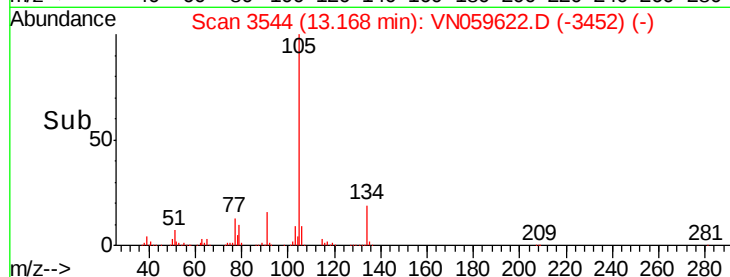
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.534 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

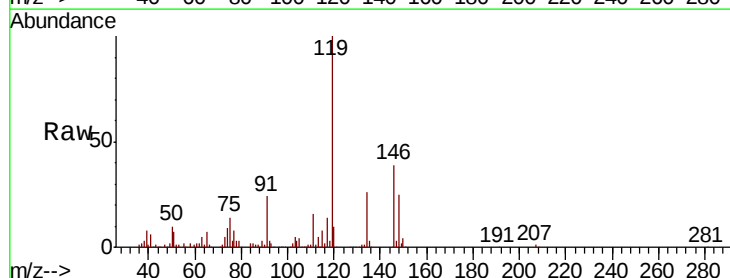
Tgt Ion:119 Resp: 220860

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.7 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

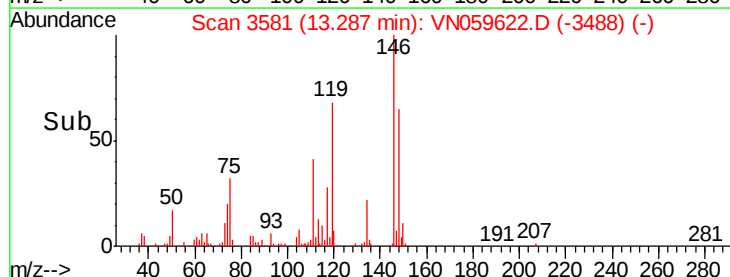
150000

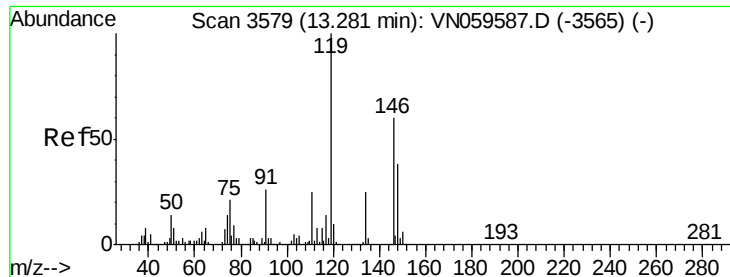
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.777 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

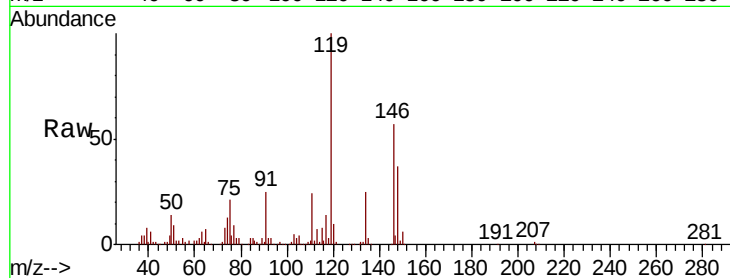
Tot Ion:146 Resp: 111196

Ion Ratio Lower Upper

146 100

111 42.3 20.8 62.2

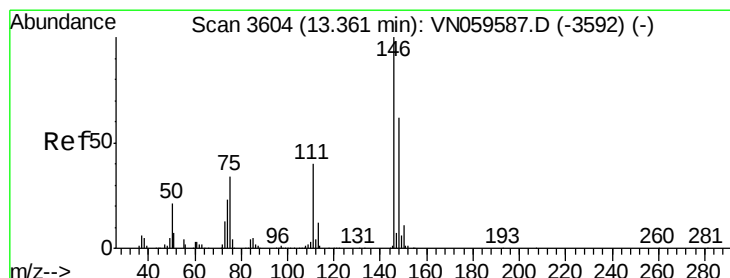
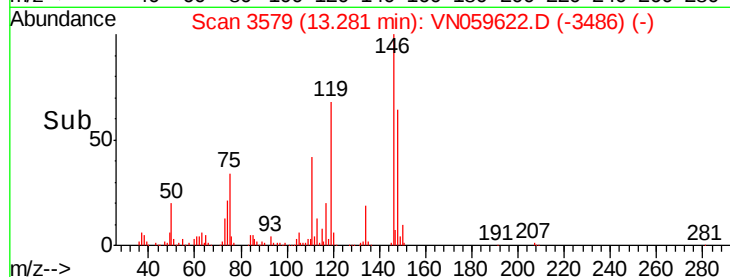
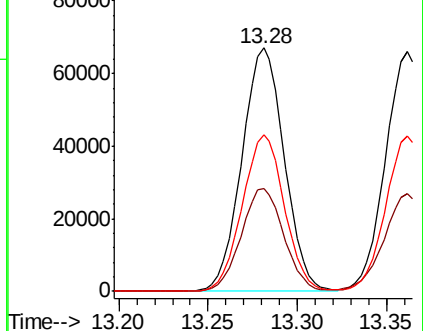
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.490 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

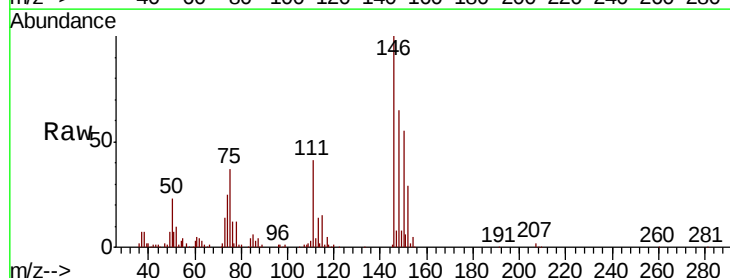
Tgt Ion:146 Resp: 110394

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.2

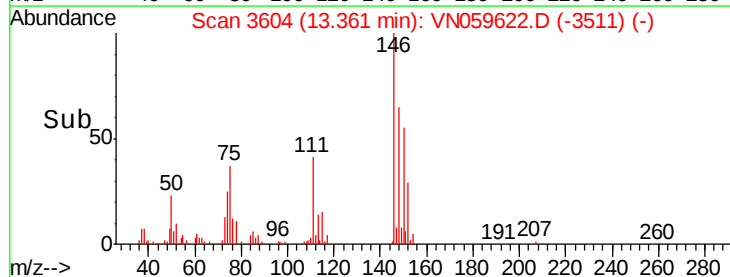
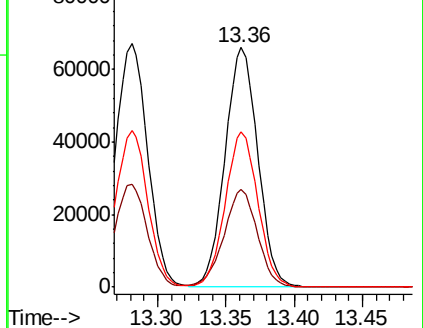
148 64.6 31.8 95.4

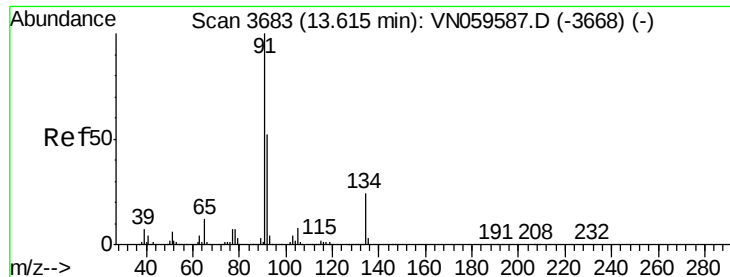


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.481 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

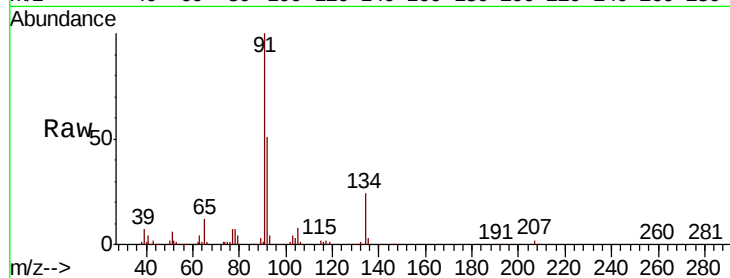
Tot Ion: 91 Resp: 195906

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 24.2 12.3 36.8

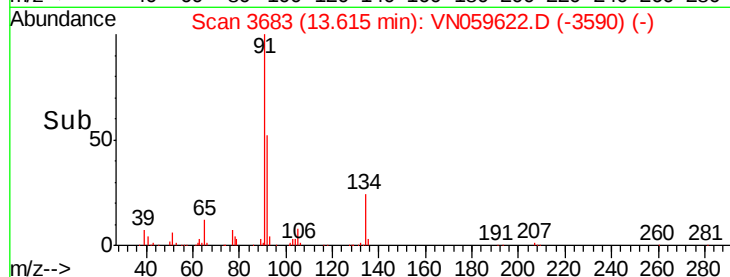


Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059587.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059587.D (-3668) (-)

Time-->

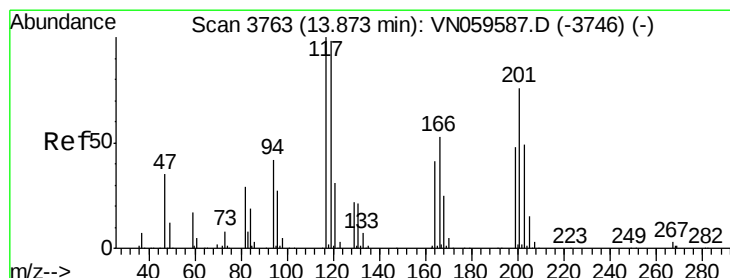


Abundance Ion 91.00 (90.70 to 91.70): VN059622.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN059622.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN059622.D (-3590) (-)

Time-->



#90

Hexachloroethane

Concen: 19.817 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059622.D

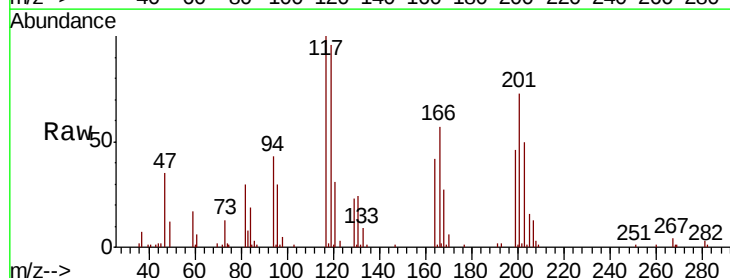
Acq: 17 Dec 2019 14:15

Tgt Ion: 117 Resp: 42352

Ion Ratio Lower Upper

117 100

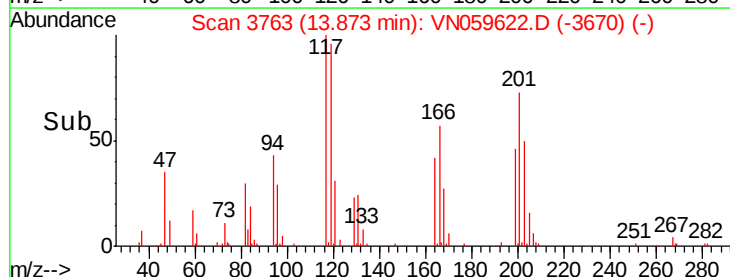
201 74.4 37.8 113.4



Abundance Ion 116.80 (116.50 to 117.50): VN059587.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN059587.D (-3746) (-)

Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN059622.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN059622.D (-3670) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 18.951 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

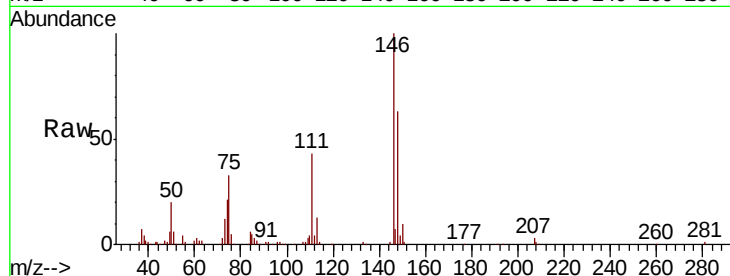
Tot Ion:146 Resp: 110675

Ion Ratio Lower Upper

146 100

111 43.3 21.6 64.8

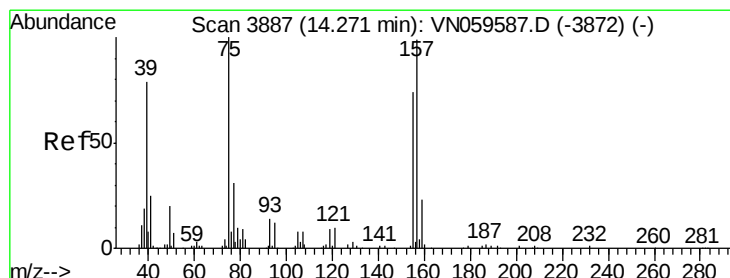
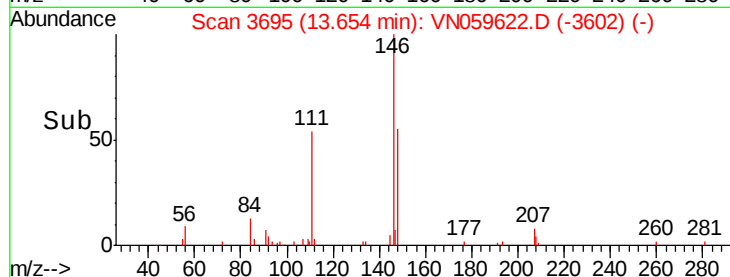
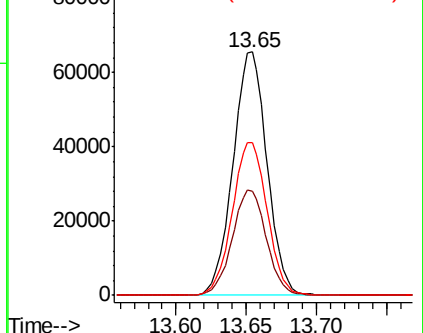
148 64.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.301 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

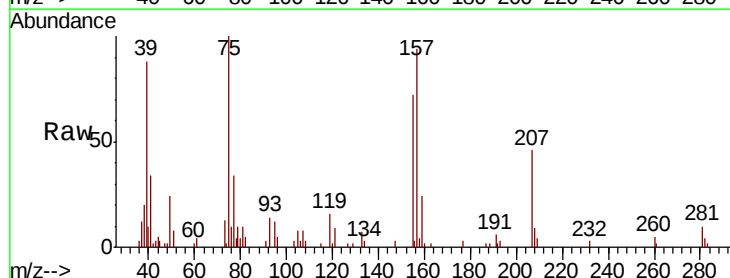
Tgt Ion: 75 Resp: 18824

Ion Ratio Lower Upper

75 100

155 71.2 37.0 110.9

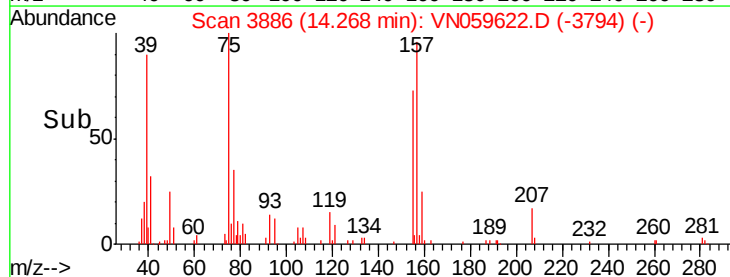
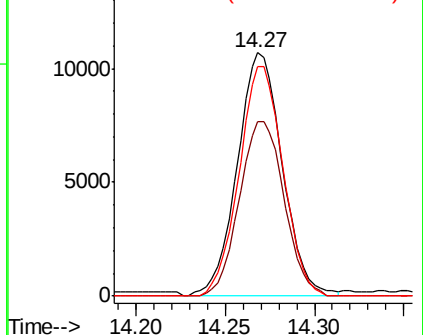
157 91.6 48.4 145.2

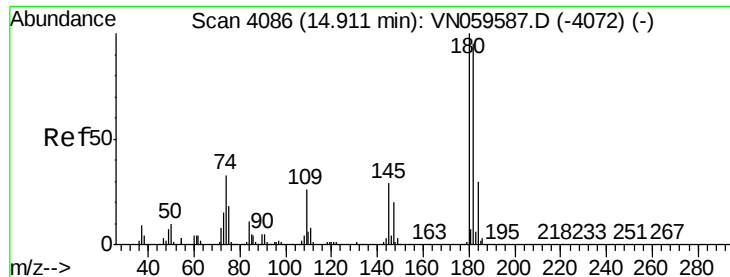


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 16.320 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBS01

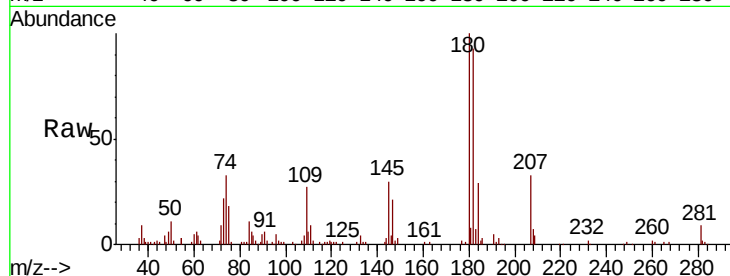
Tot Ion:180 Resp: 61544

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.7

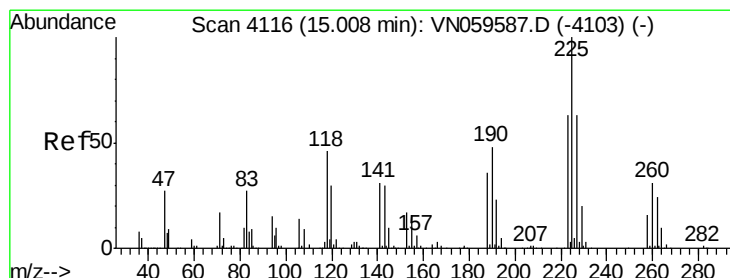
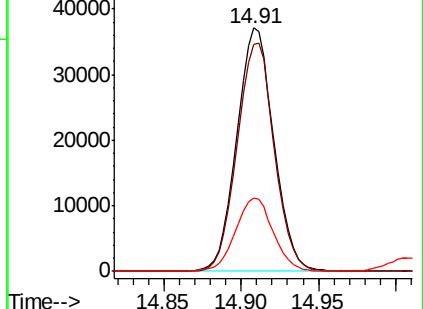
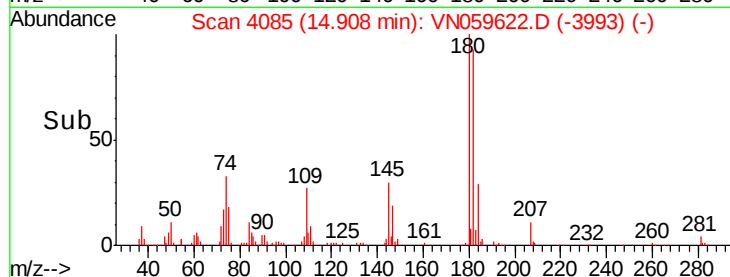
145 30.6 15.0 45.1



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: 18.985 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

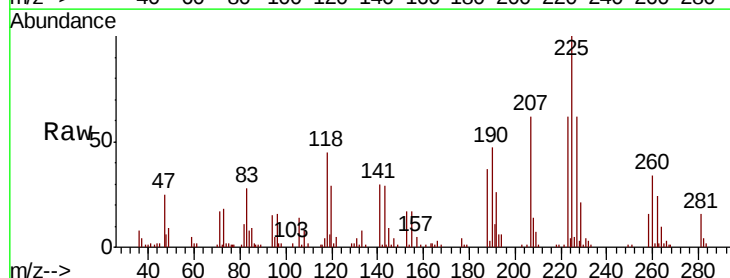
Tgt Ion:225 Resp: 36714

Ion Ratio Lower Upper

225 100

223 60.8 31.8 95.3

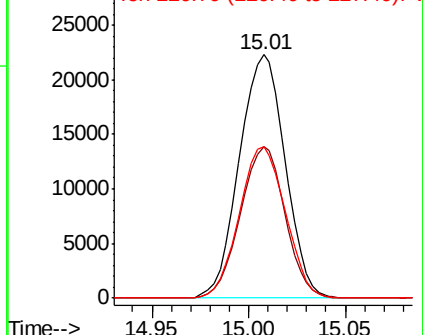
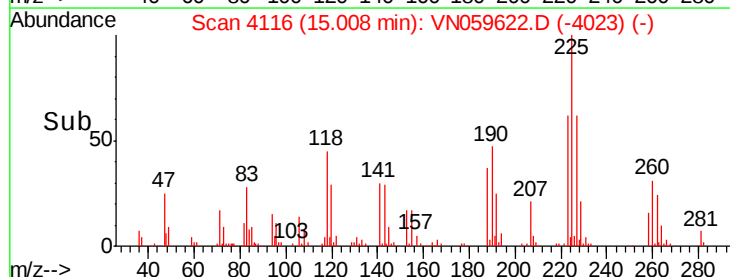
227 62.5 32.1 96.5

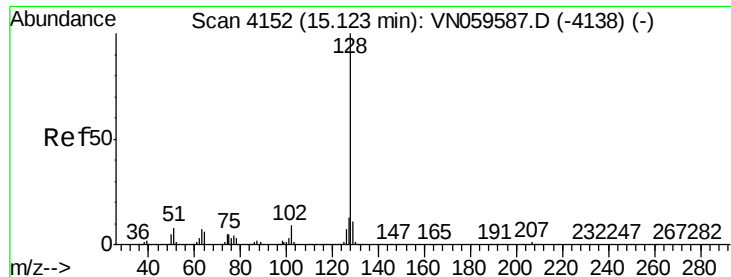


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 15.480 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

VN1217WBS01

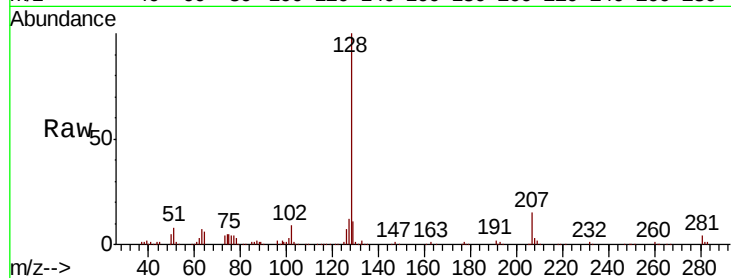
Tot Ion:128 Resp: 174269

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

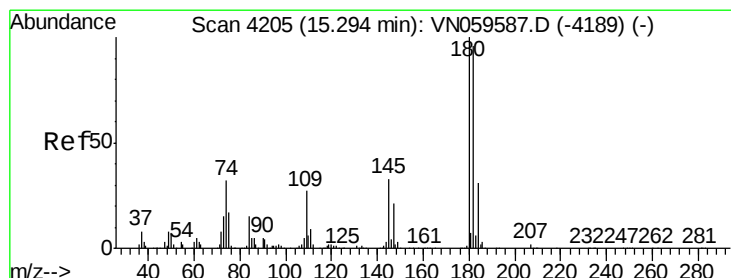
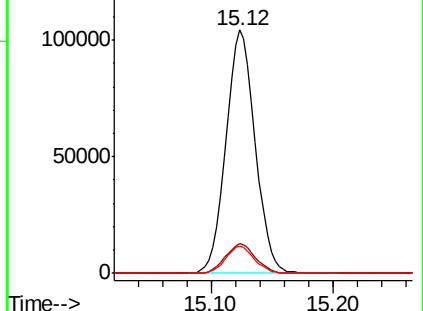
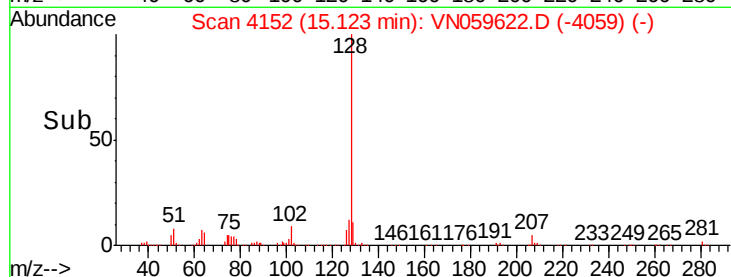
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.033 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059622.D

Acq: 17 Dec 2019 14:15

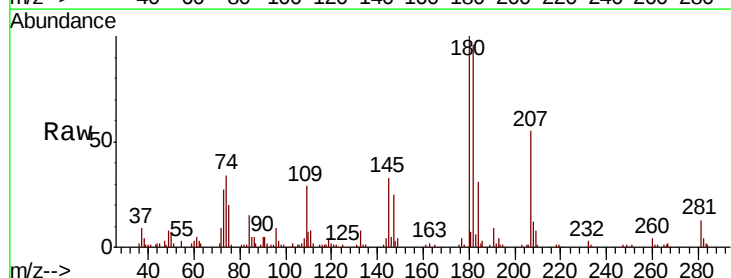
Tgt Ion:180 Resp: 61152

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.3

145 32.6 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

