

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063036.D
 Acq On : 20 Aug 2020 14:55
 Operator : JC/MD
 Sample : VN0820WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Quant Time: Aug 21 05:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	31334	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	162259	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	153112	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	66219	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	12.38	95	71799	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	10.06	98	212554	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	48879	21.818	ug/l 97
3) Chloromethane	2.03	50	51553	20.796	ug/l 99
4) Vinyl Chloride	2.16	62	51452	20.617	ug/l 97
5) Bromomethane	2.53	94	31844	20.700	ug/l 98
6) Chloroethane	2.67	64	31085	21.076	ug/l 100
7) Trichlorofluoromethane	2.98	101	62900	20.901	ug/l 99
8) Diethyl Ether	3.37	74	19725	19.707	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32366	19.890	ug/l 98
10) 1,1-Dichloroethene	3.69	96	28671	19.608	ug/l 96
11) Methyl Iodide	3.91	142	39359	19.619	ug/l 95
12) Methyl Acetate	4.28	43	40138	20.594	ug/l 99
13) Acrolein	3.57	56	15951	79.852	ug/l 99
14) Acrylonitrile	4.93	53	83491	97.830	ug/l 99
15) Acetone	3.78	58	24072	97.459	ug/l 96
16) Carbon Disulfide	4.01	76	78471	19.991	ug/l 99
17) Allyl chloride	4.27	41	51919	19.351	ug/l 97
18) Methylene Chloride	4.50	84	52360	25.594	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	31790	19.771	ug/l 95
20) Diisopropyl ether	5.90	45	128895	20.511	ug/l 99
21) 1,1-Dichloroethane	5.79	63	70046	20.310	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	39462	19.805	ug/l 100
23) tert-Butyl Alcohol	4.73	59	27514	98.407	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	106411	19.837	ug/l 100
25) Chloroform	7.33	83	69377	20.199	ug/l 98
26) Cyclohexane	7.61	56	59491	20.038	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	45990	19.517	ug/l 99
30) 2-Butanone	6.79	43	105989	96.503	ug/l 99
31) 2,2-Dichloropropane	6.77	77	56668	19.785	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	56733	19.990	ug/l 99
33) Carbon Tetrachloride	7.73	117	48007	19.864	ug/l 98
34) Benzene	8.00	78	150651	19.950	ug/l 98
35) Methacrylonitrile	7.12	41	18722	17.936	ug/l 96
36) 1,2-Dichloroethane	8.08	62	50972	19.786	ug/l 99
37) Trichloroethene	8.80	130	36973	19.993	ug/l 96
38) Methylcyclohexane	9.05	83	56482	19.110	ug/l 99
39) 1,2-Dichloropropane	9.08	63	43591	19.835	ug/l 98
40) Dibromomethane	9.17	93	25119	19.686	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063036.D
 Acq On : 20 Aug 2020 14:55
 Operator : JC/MD
 Sample : VN0820WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Quant Time: Aug 21 05:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	56123	19.848	ug/l	97
42) Vinyl Acetate	5.84	43	393033	94.465	ug/l	100
43) Ethyl Acetate	6.88	43	40741	19.435	ug/l #	84
44) Isopropyl Acetate	8.13	43	68119	19.356	ug/l	97
45) 1,4-Dioxane	9.17	88	13137	398.571	ug/l	96
46) Methyl methacrylate	9.17	41	32780	18.919	ug/l	98
47) n-amyl Acetate	12.05	43	56045	17.943	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	56418	18.892	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	63163	19.431	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	38970	19.808	ug/l	98
51) Ethyl methacrylate	10.40	69	50456	18.850	ug/l	98
52) 1,3-Dichloropropane	10.68	76	64265	19.771	ug/l	99
53) Dibromochloromethane	10.87	129	41777	19.351	ug/l	100
54) 1,2-Dibromoethane	10.98	107	37147	19.682	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	48259	87.773	ug/l	99
56) Bromoform	12.10	173	29350	18.565	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	220876	100.280	ug/l	100
59) 2-Hexanone	10.72	43	151633	96.507	ug/l	99
61) Tetrachloroethene	10.60	164	33948	20.225	ug/l	98
62) Toluene	10.12	91	163291	20.123	ug/l	99
64) Chlorobenzene	11.41	112	99724	19.861	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	39649	19.923	ug/l	98
66) Ethyl Benzene	11.48	91	171317	19.368	ug/l	99
67) m/p-Xylenes	11.60	106	132605	40.017	ug/l	98
68) o-Xylene	11.92	106	62149	19.524	ug/l	100
69) Styrene	11.94	104	106709	19.190	ug/l	99
70) Isopropylbenzene	12.22	105	170271	19.663	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	55124	19.851	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	64409	26.140	ug/l	63
73) Bromobenzene	12.50	156	44724	19.152	ug/l	99
74) n-propylbenzene	12.57	91	199401	19.197	ug/l	99
75) 2-Chlorotoluene	12.65	91	120915	19.531	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	143103	19.365	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	16240	18.648	ug/l	96
78) 4-Chlorotoluene	12.75	91	123920	19.414	ug/l	100
79) tert-butylbenzene	12.97	119	122556	19.710	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	138992	19.322	ug/l	99
81) sec-Butylbenzene	13.15	105	167298	19.532	ug/l	99
82) p-Isopropyltoluene	13.26	119	143999	18.964	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	77290	18.956	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	76149	19.109	ug/l	100
85) n-Butylbenzene	13.59	91	110705	17.544	ug/l	99
86) Hexachloroethane	13.85	117	29285	19.582	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	75291	19.281	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.25	75	7883	17.897	ug/l	91
89) 1,2,4-Trichlorobenzene	14.89	180	32022	16.617	ug/l	97
90) Hexachlorobutadiene	14.98	225	27256	19.109	ug/l	99
91) Naphthalene	15.10	128	63194	14.841	ug/l	98
92) 1,2,3-Trichlorobenzene	15.29	180	32576	16.932	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063036.D
Acq On : 20 Aug 2020 14:55
Operator : JC/MD
Sample : VN0820WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Quant Time: Aug 21 05:41:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

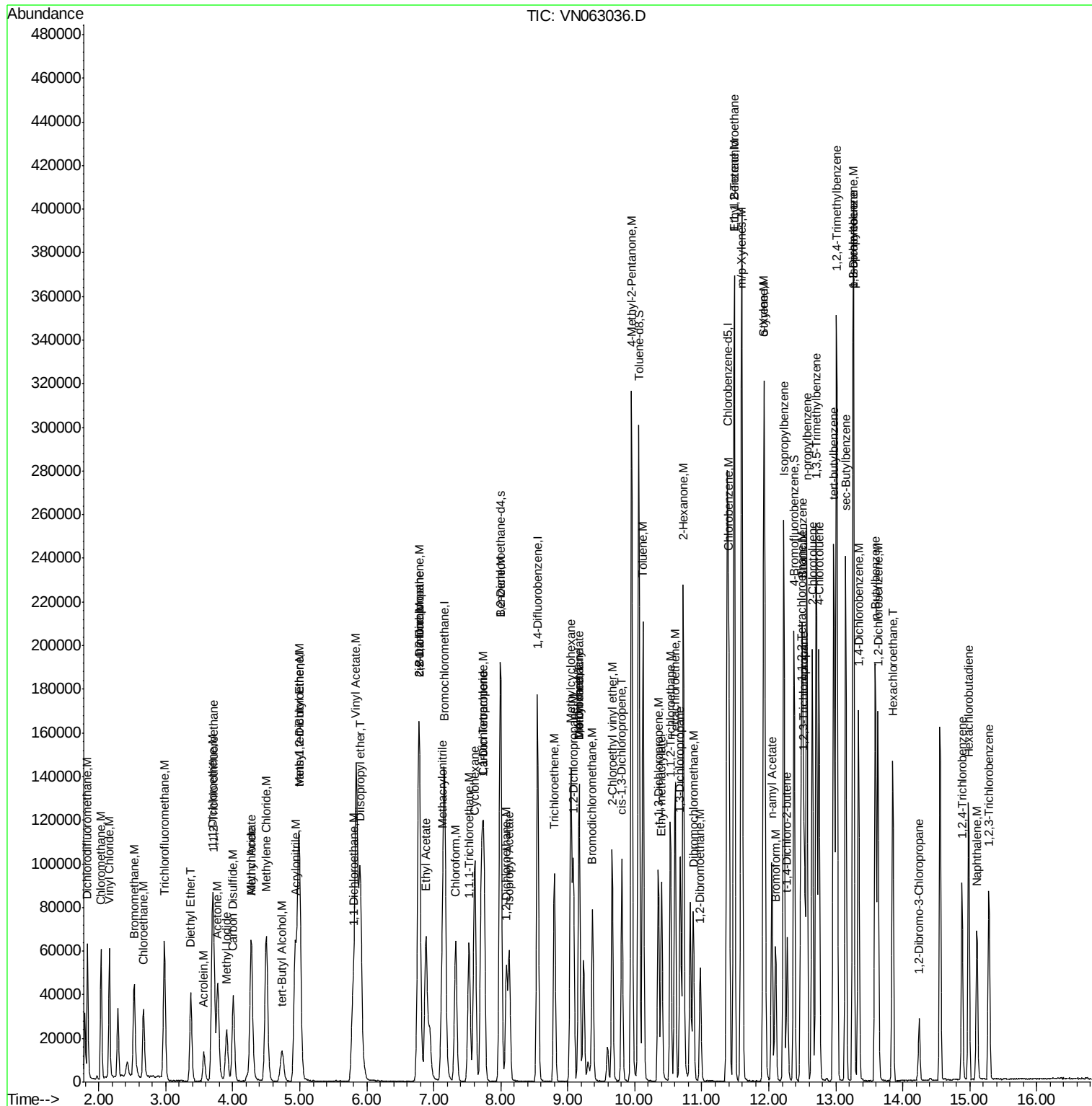
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

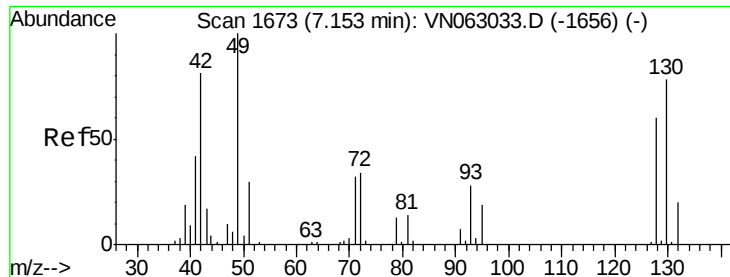
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063036.D
Acq On : 20 Aug 2020 14:55
Operator : JC/MD
Sample : VN0820WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Quant Time: Aug 21 05:41:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Aug 20 14:01:17 2020
Response via : Initial Calibration

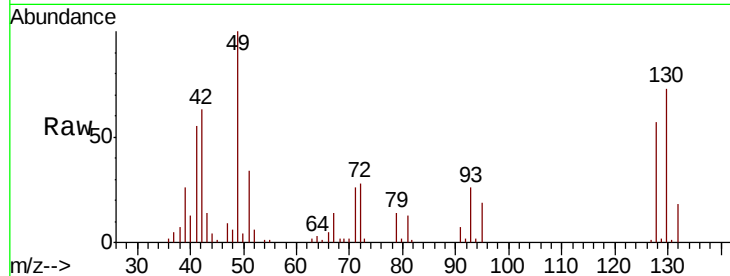




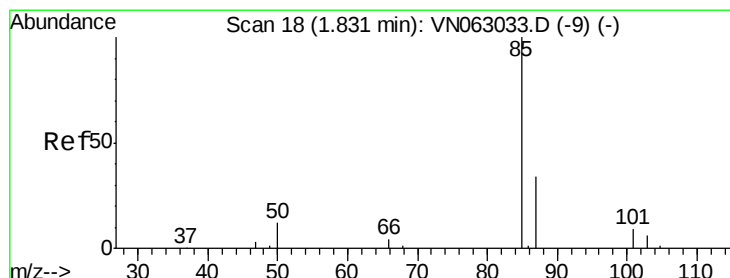
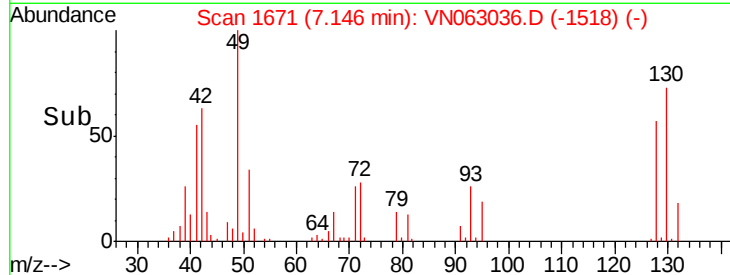
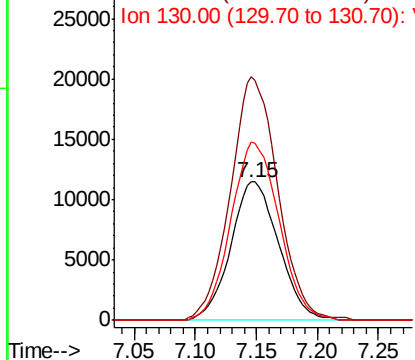
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN0820WBS01

Tot Ion:128 Resp: 31334
 Ion Ratio Lower Upper
 128 100
 49 172.9 0.0 437.5
 130 129.6 0.0 327.3

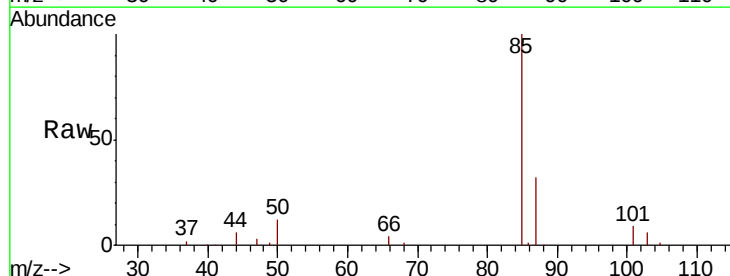


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

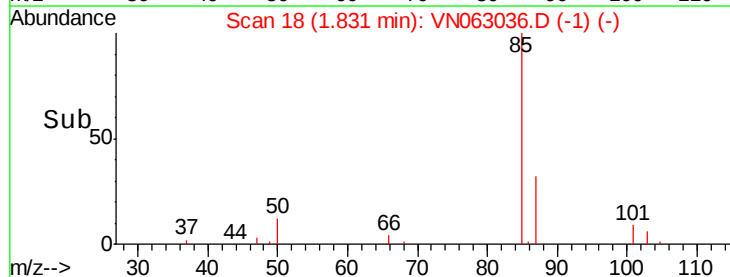
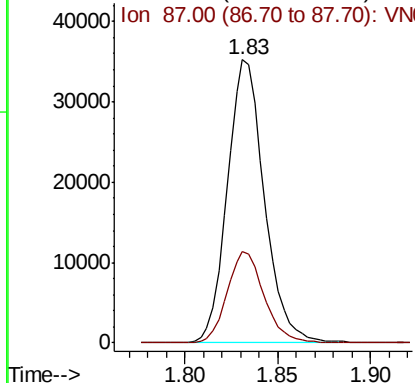


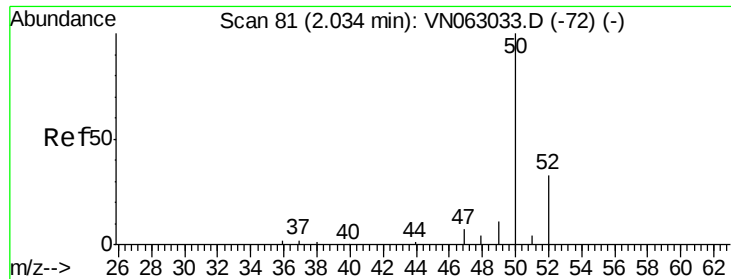
#2
 Dichlorodifluoromethane
 Concen: 21.818 ug/l
 RT: 1.83 min Scan# 18
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 85 Resp: 48879
 Ion Ratio Lower Upper
 85 100
 87 32.1 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN

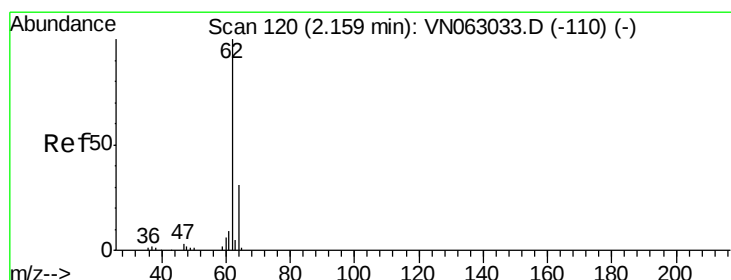
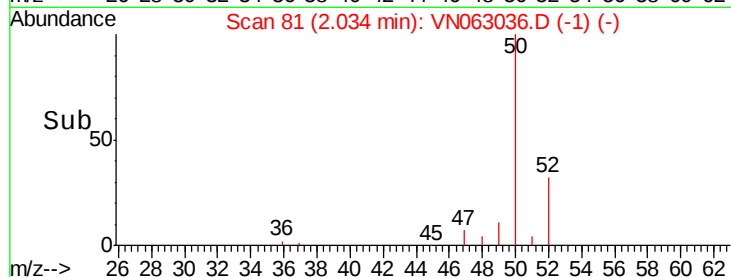
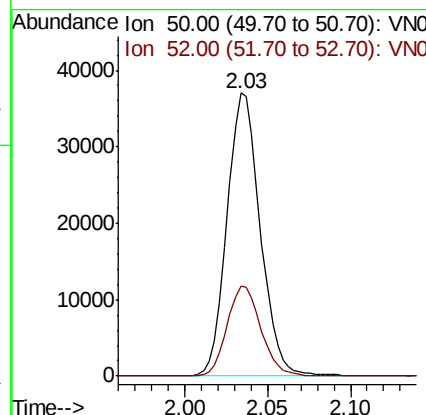
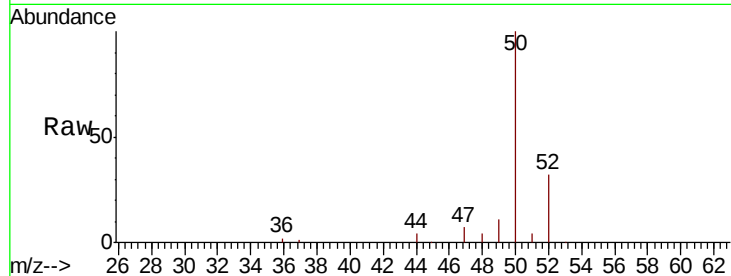




#3
Chloromethane
Concen: 20.796 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

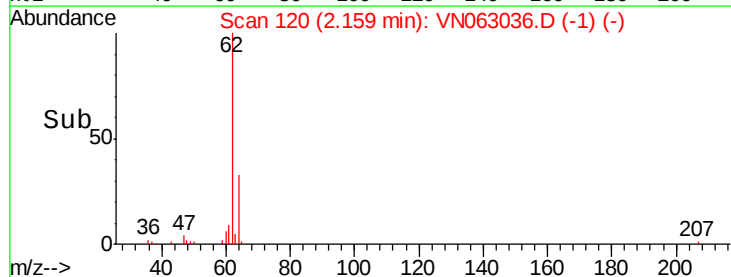
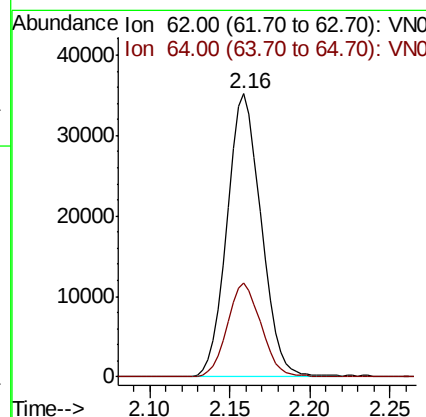
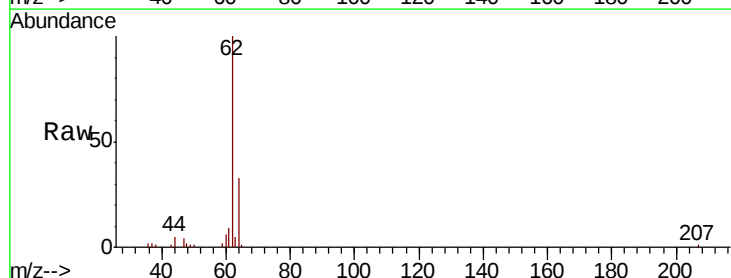
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

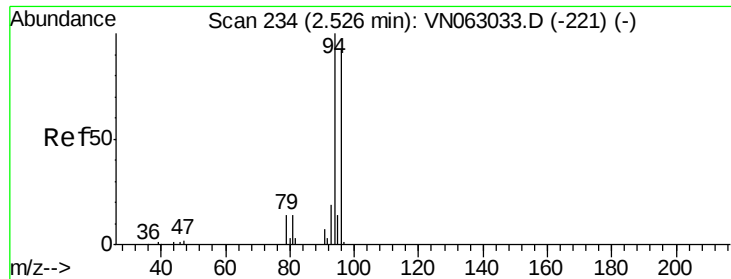
Tot Ion: 50 Resp: 51553
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 20.617 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 62 Resp: 51452
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4

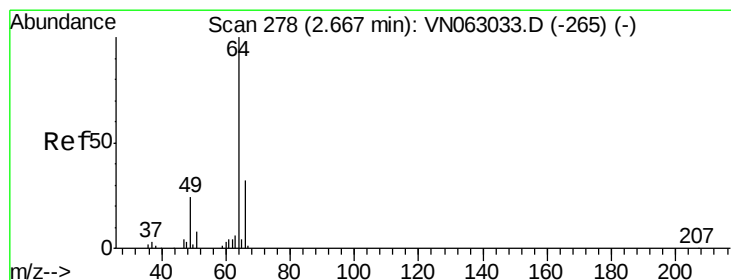
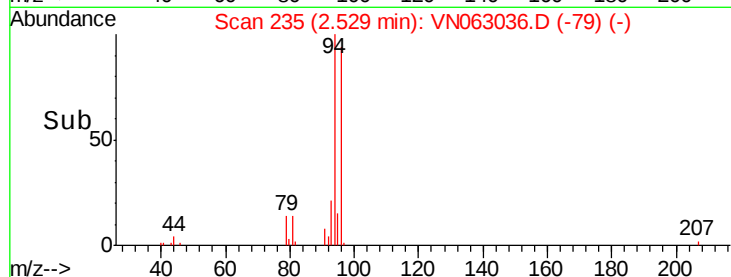
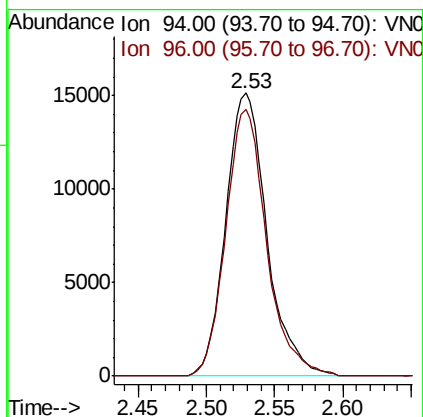
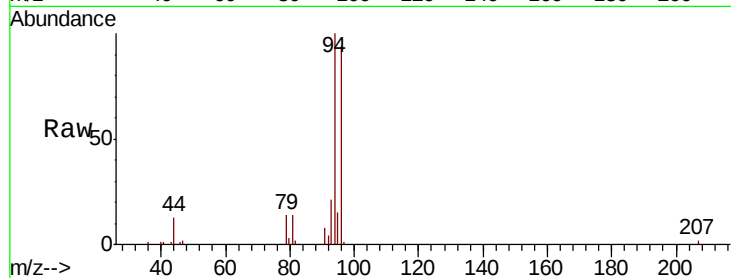




#5
Bromomethane
Concen: 20.700 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

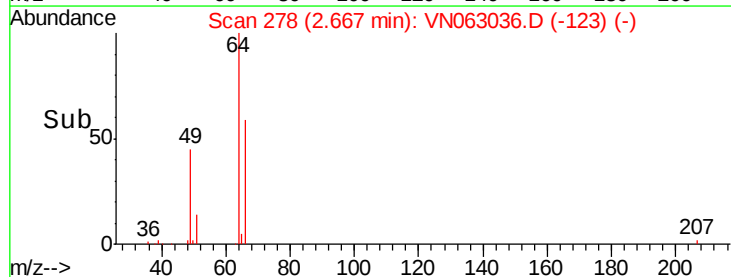
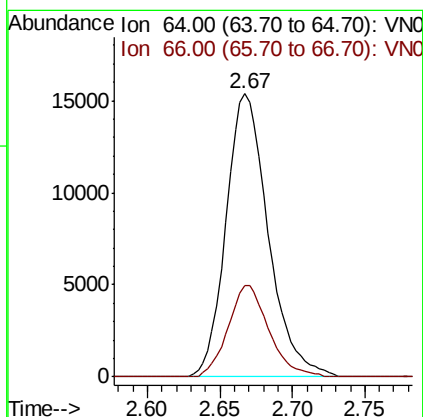
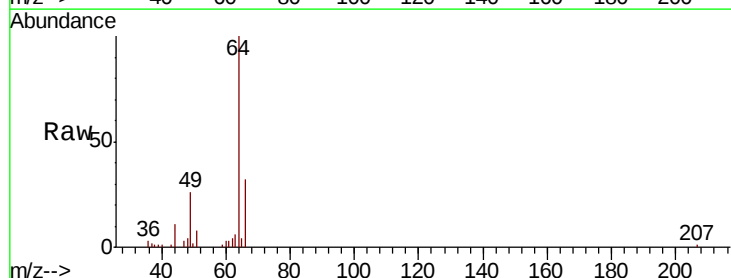
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

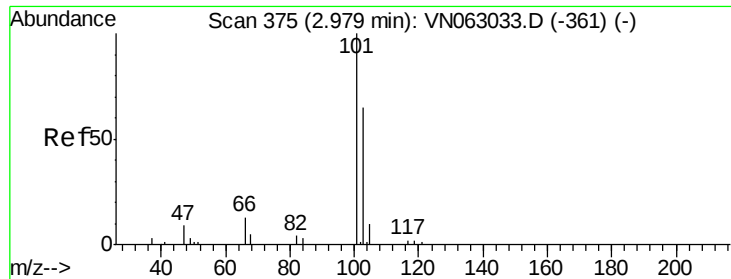
Tot Ion: 94 Resp: 31844
Ion Ratio Lower Upper
94 100
96 94.2 74.0 111.0



#6
Chloroethane
Concen: 21.076 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 64 Resp: 31085
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8



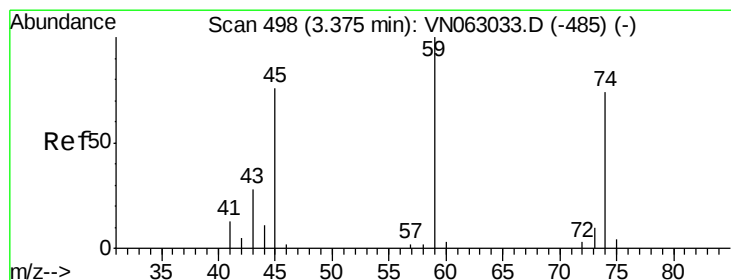
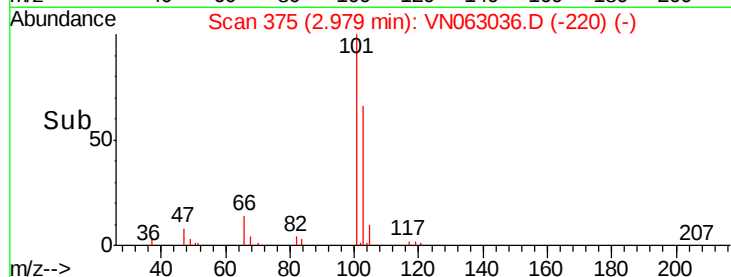
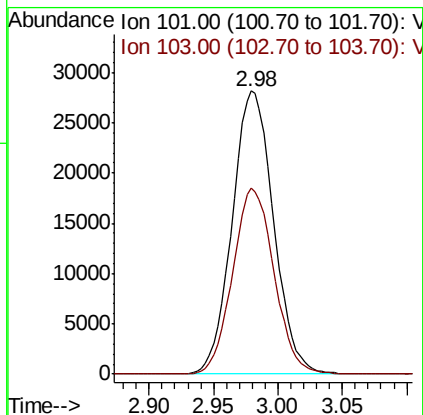
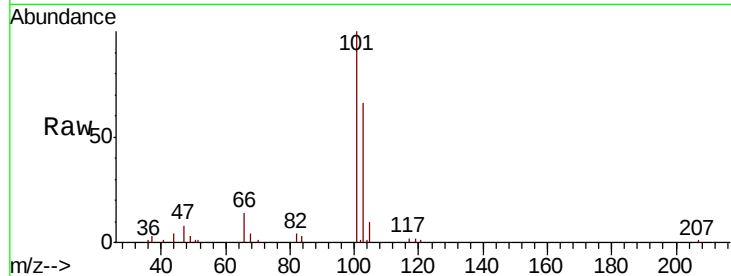


#7

Trichlorofluoromethane
 Concen: 20.901 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

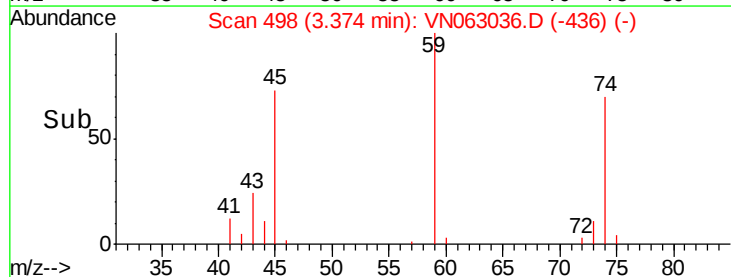
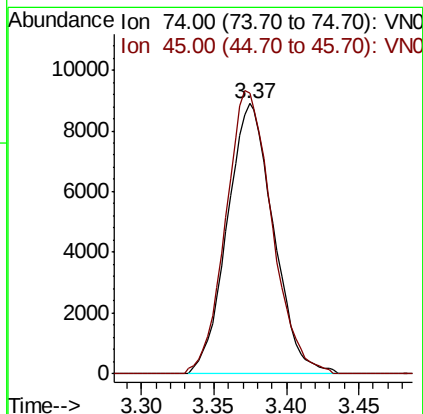
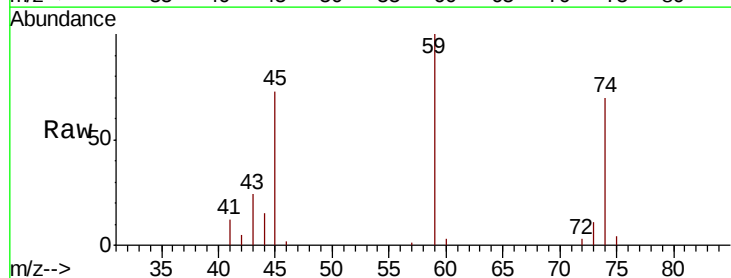
Tot Ion:101 Resp: 62900
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9

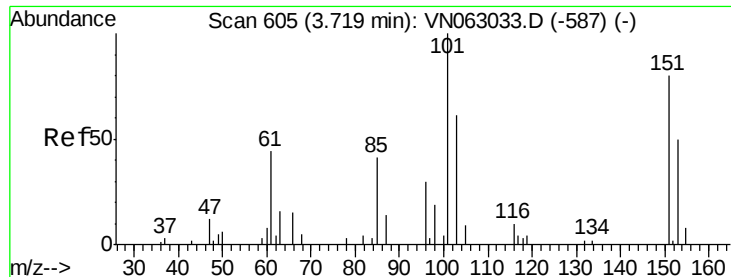


#8

Diethyl Ether
 Concen: 19.707 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 74 Resp: 19725
 Ion Ratio Lower Upper
 74 100
 45 104.6 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.890 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

VN0820WBS01

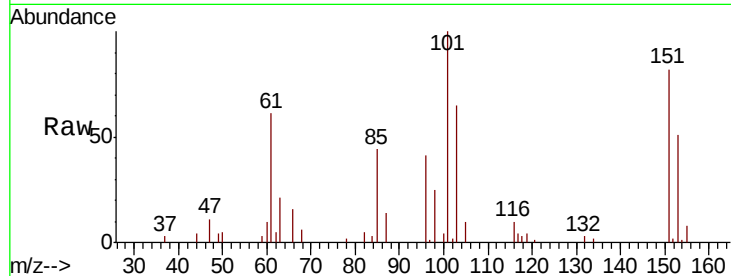
Tot Ion:101 Resp: 32366

Ion Ratio Lower Upper

101 100

85 44.7 0.0 85.0

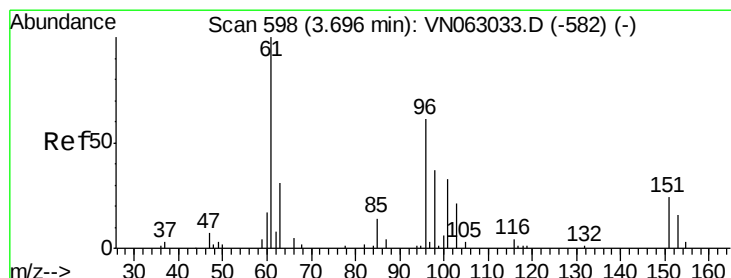
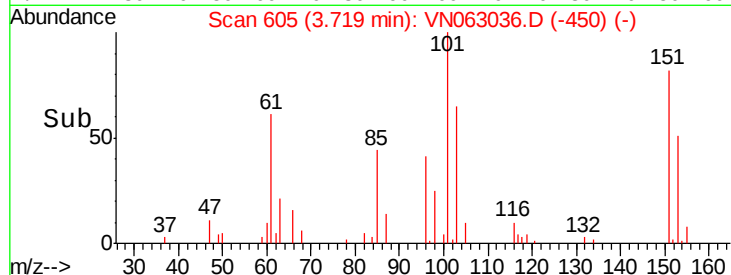
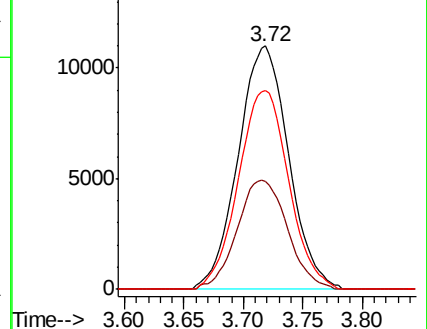
151 81.4 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.608 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

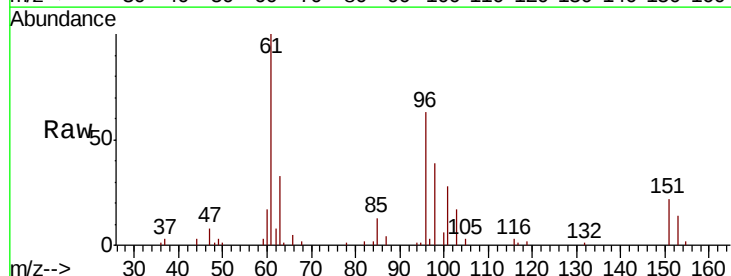
Tgt Ion: 96 Resp: 28671

Ion Ratio Lower Upper

96 100

61 157.8 130.8 196.2

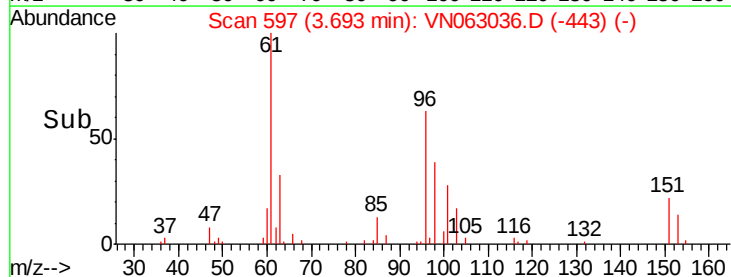
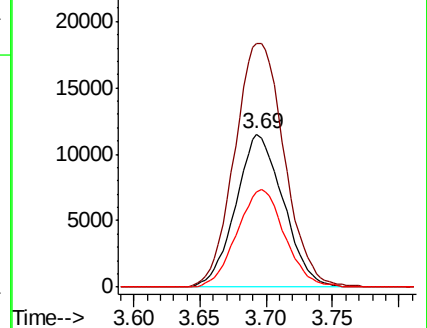
98 62.7 49.0 73.4

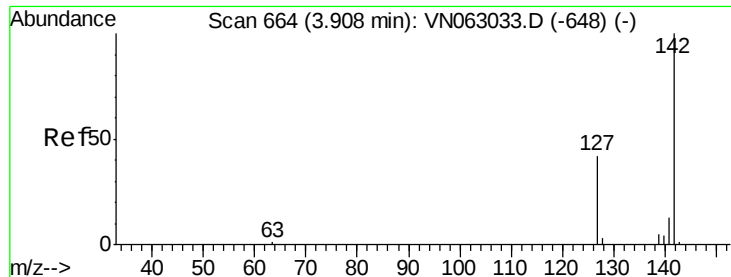


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

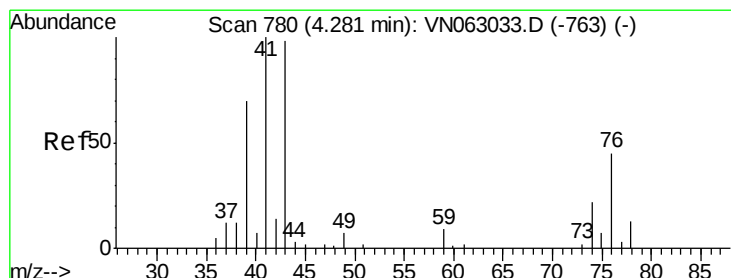
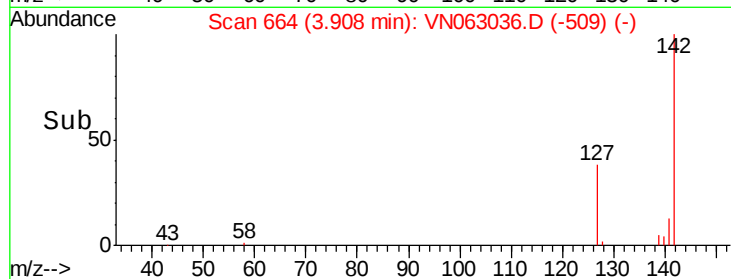
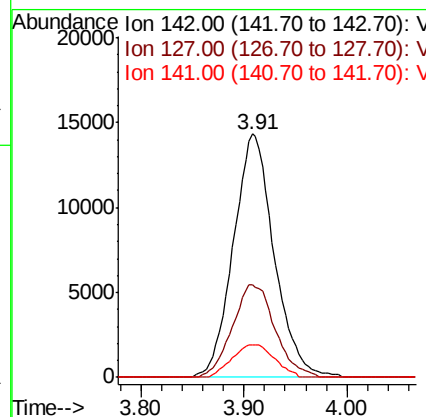
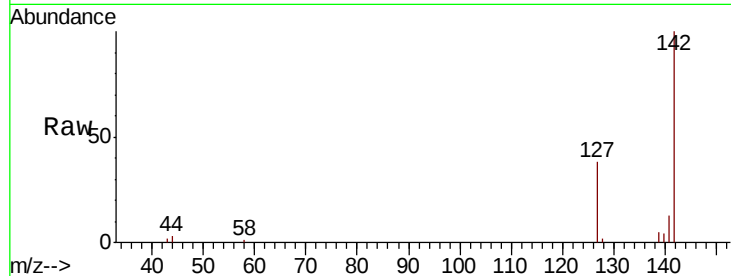




#11
Methvl Iodide
Concen: 19.619 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

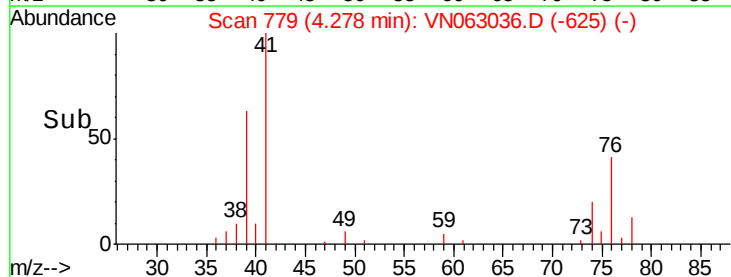
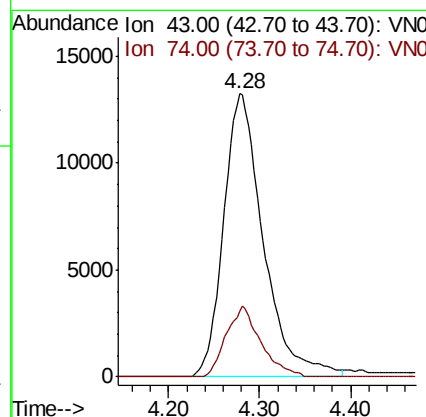
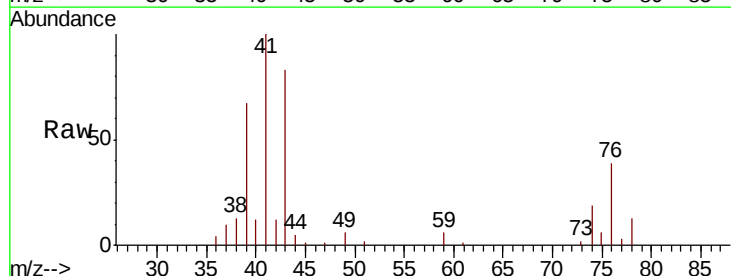
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

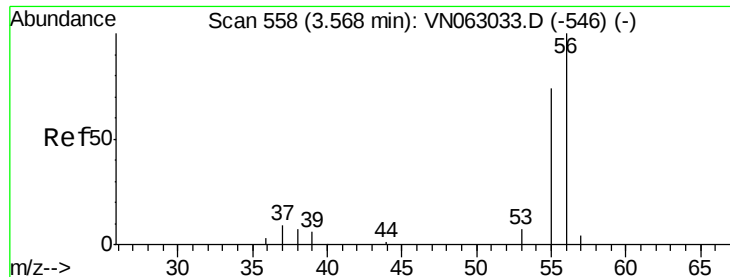
Tot Ion:142 Resp: 39359
Ion Ratio Lower Upper
142 100
127 37.8 20.9 62.8
141 13.5 6.7 20.1



#12
Methyl Acetate
Concen: 20.594 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 43 Resp: 40138
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8





#13

Acrolein

Concen: 79.852 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

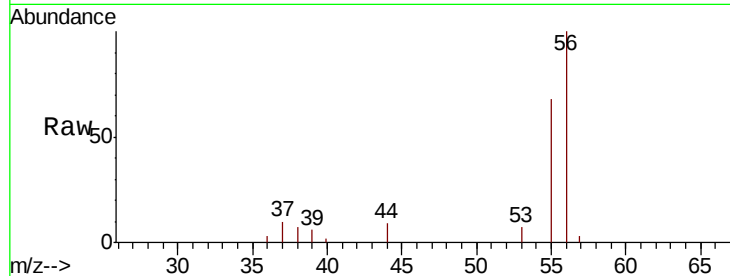
VN0820WBS01

Tot Ion: 56 Resp: 15951

Ion Ratio Lower Upper

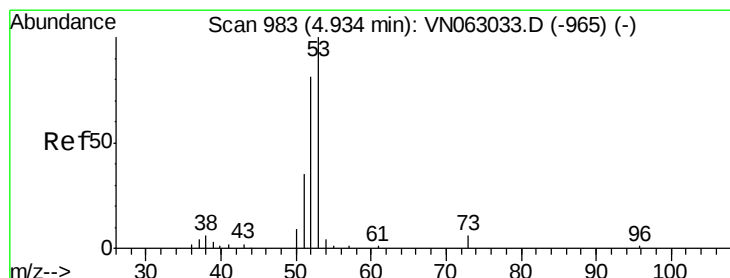
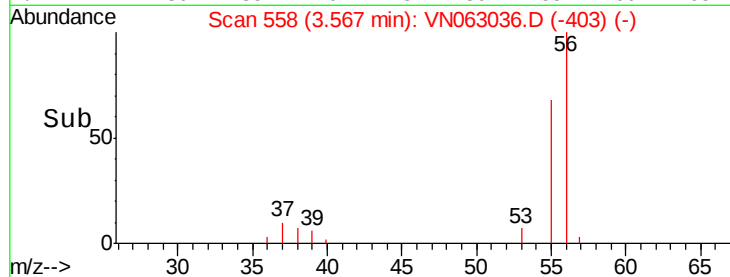
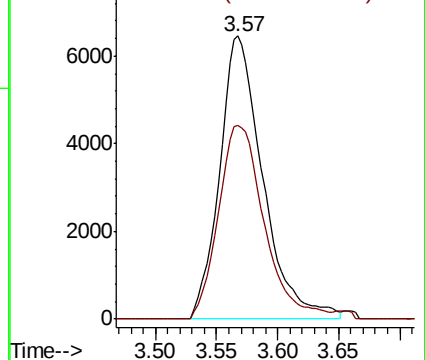
56 100

55 72.3 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 97.830 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

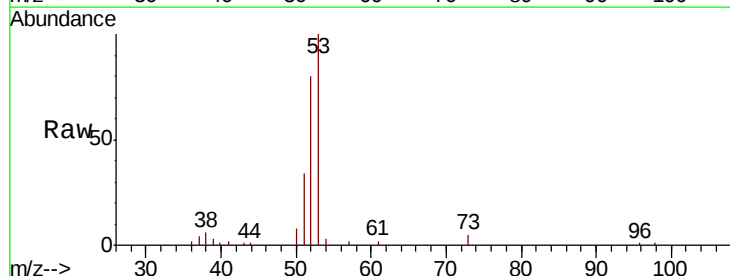
Tgt Ion: 53 Resp: 83491

Ion Ratio Lower Upper

53 100

52 80.8 39.9 119.7

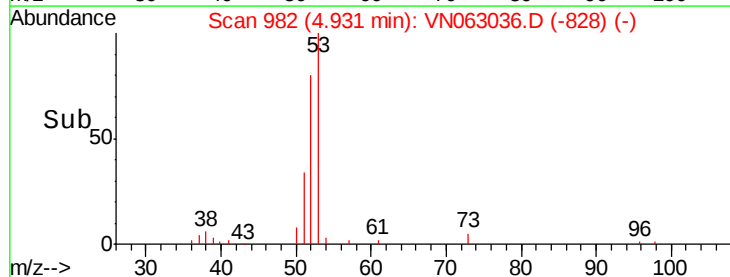
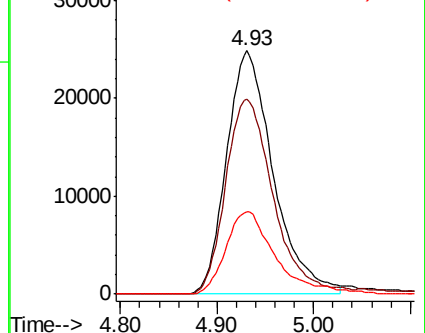
51 34.3 17.0 51.0

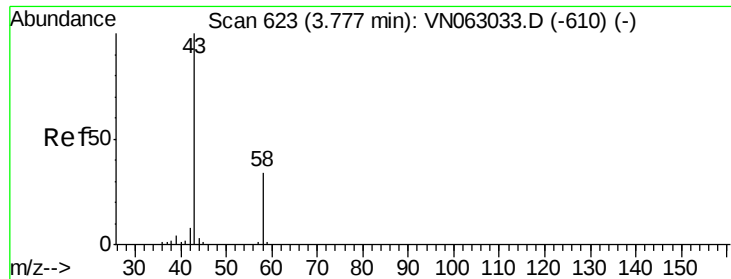


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 97.459 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

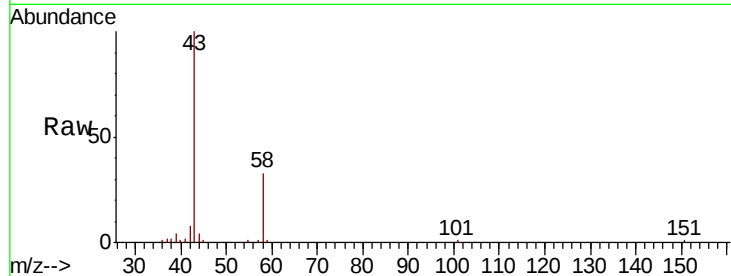
VN0820WBS01

Tot Ion: 58 Resp: 24072

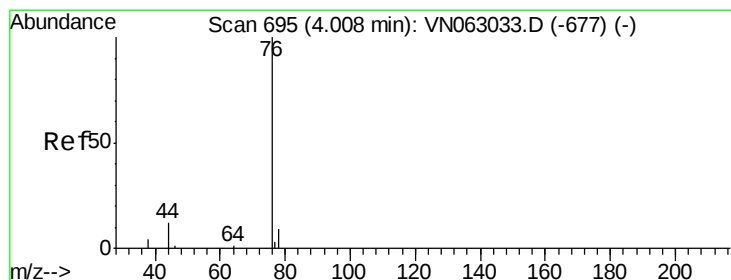
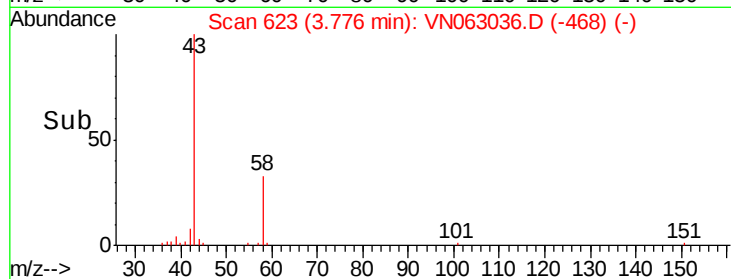
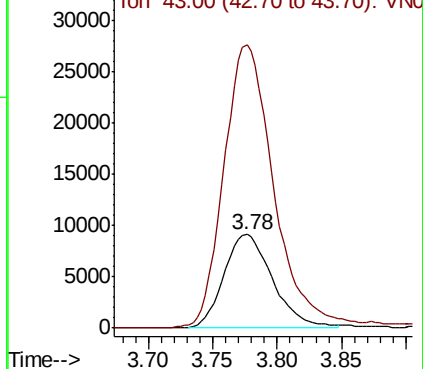
Ion Ratio Lower Upper

58 100

43 298.3 233.2 349.8



Abundance Ion 58.00 (57.70 to 58.70): VN0



#16

Carbon Disulfide

Concen: 19.991 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN063036.D

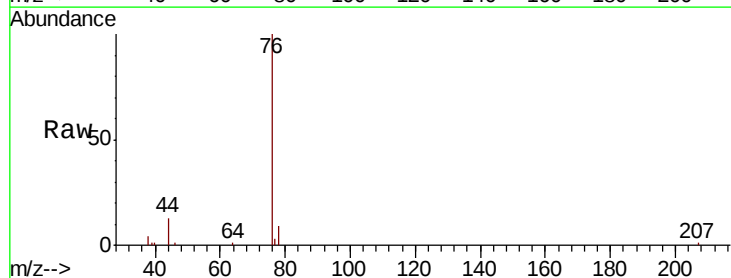
Acq: 20 Aug 2020 14:55

Tgt Ion: 76 Resp: 78471

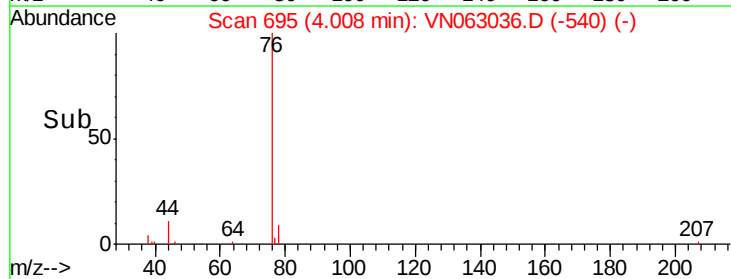
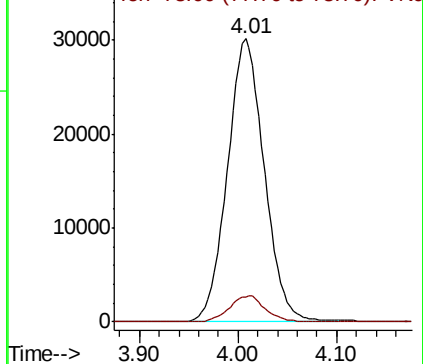
Ion Ratio Lower Upper

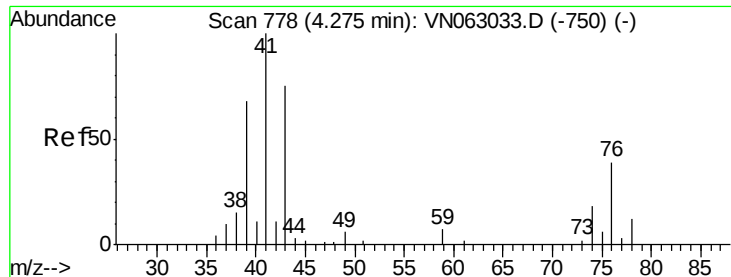
76 100

78 8.9 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

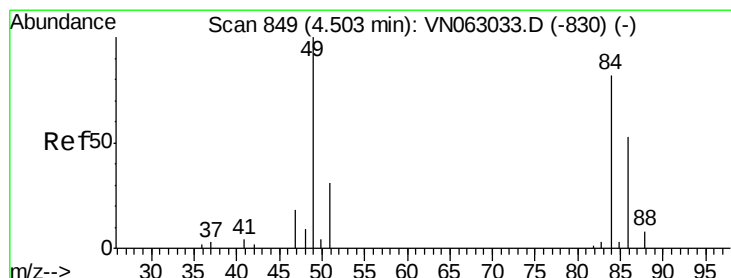
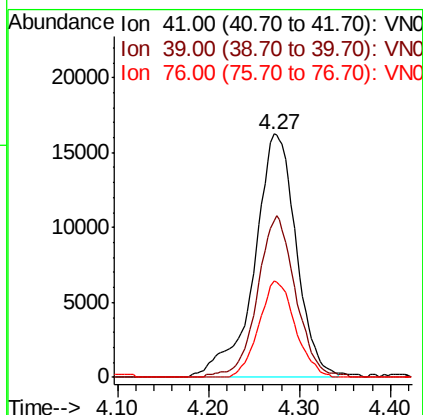
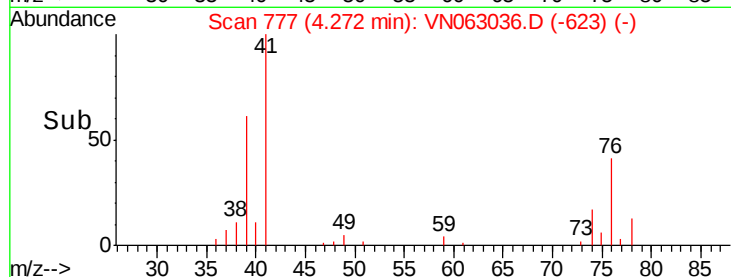
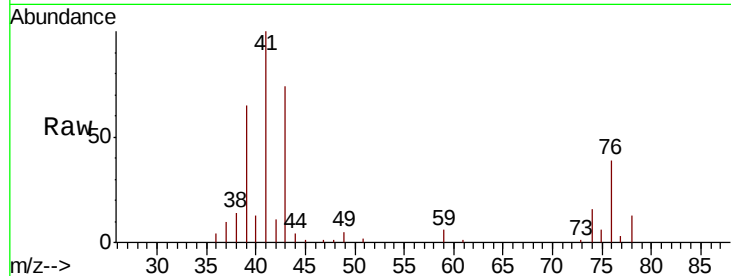




#17
Allvl chloride
Concen: 19.351 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

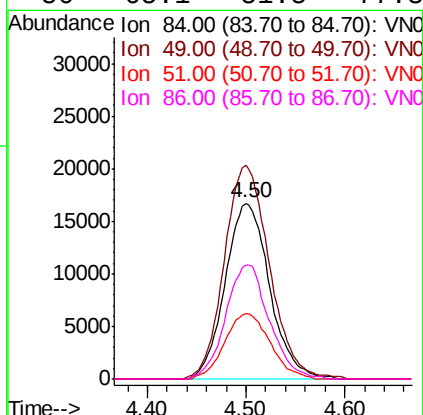
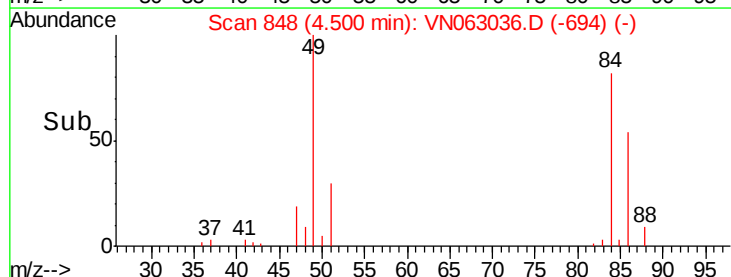
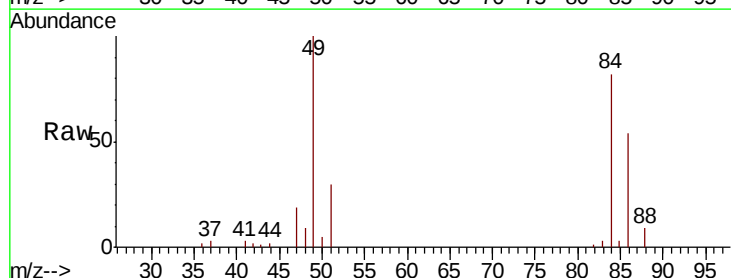
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

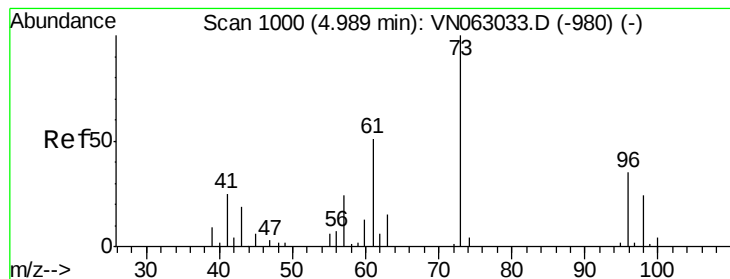
Tot Ion: 41 Resp: 51919
Ion Ratio Lower Upper
41 100
39 64.6 33.8 101.4
76 39.4 19.4 58.4



#18
Methylene Chloride
Concen: 25.594 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 84 Resp: 52360
Ion Ratio Lower Upper
84 100
49 120.1 97.8 146.8
51 36.9 30.7 46.1
86 65.1 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.771 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

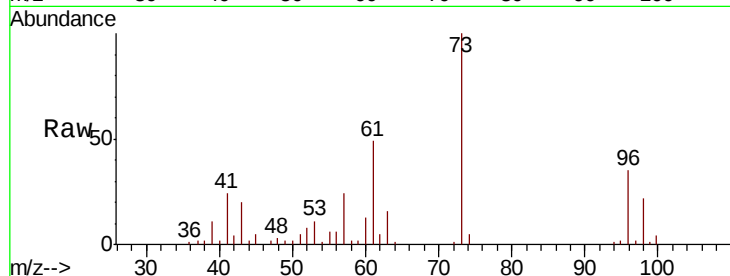
Tot Ion: 96 Resp: 31790

Ion Ratio Lower Upper

96 100

61 138.8 115.9 173.9

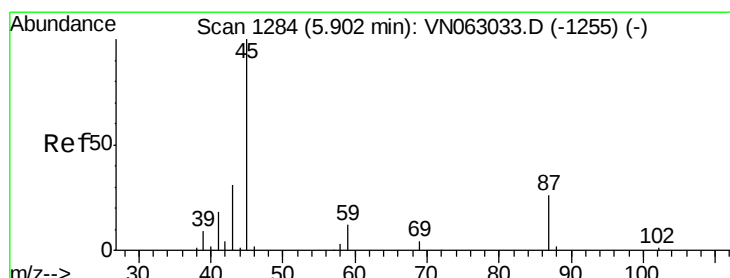
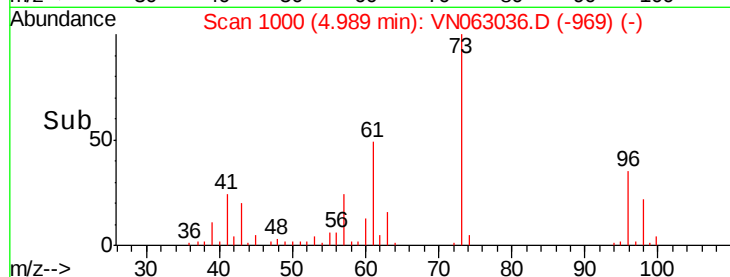
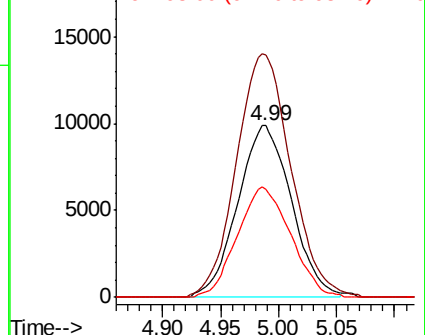
98 63.1 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 20.511 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Tgt Ion: 45 Resp: 128895

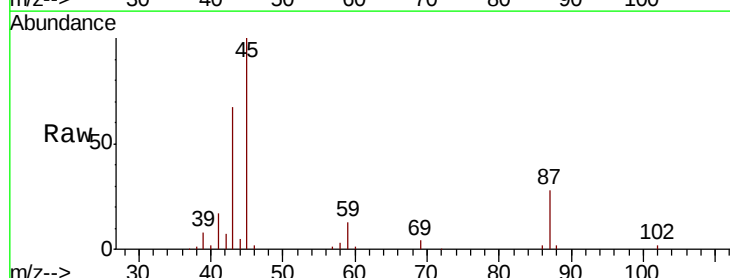
Ion Ratio Lower Upper

45 100

43 64.9 51.8 77.6

87 27.7 21.8 32.6

59 12.8 9.6 14.4

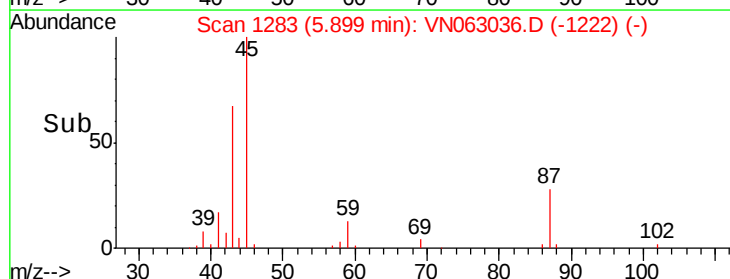
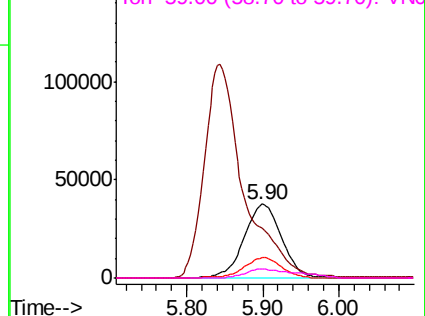


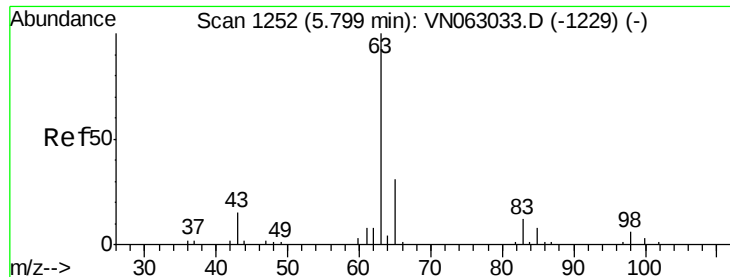
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

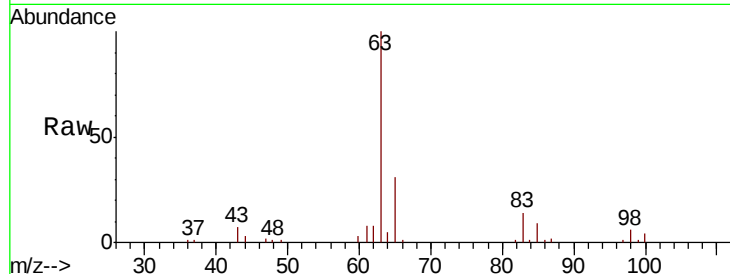




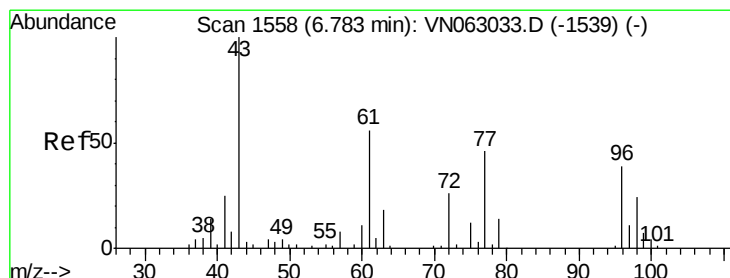
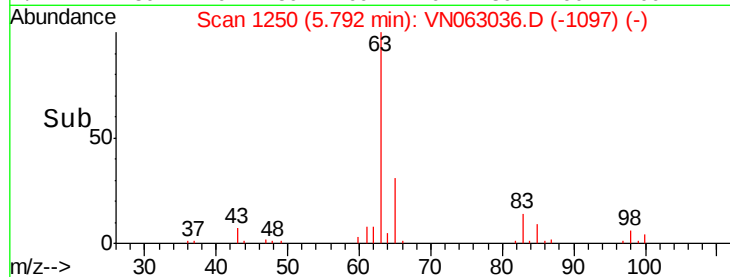
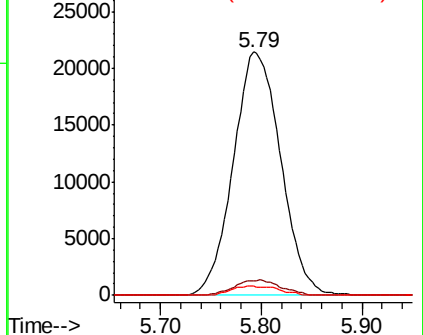
#21
 1,1-Dichloroethane
 Concen: 20.310 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion: 63 Resp: 70046
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 3.7 1.8 5.3

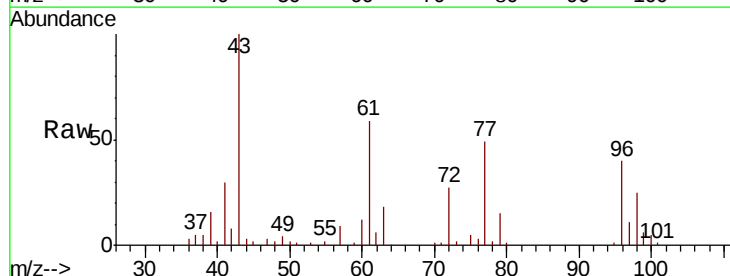


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

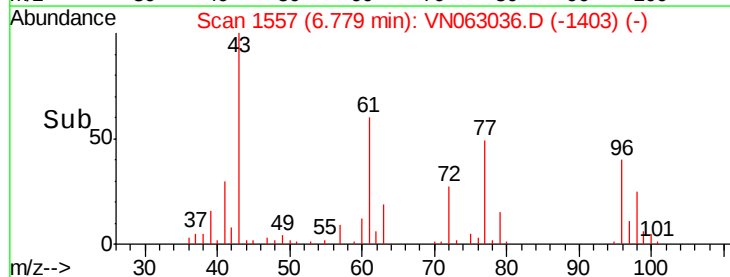
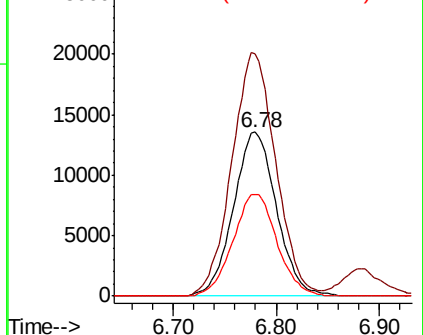


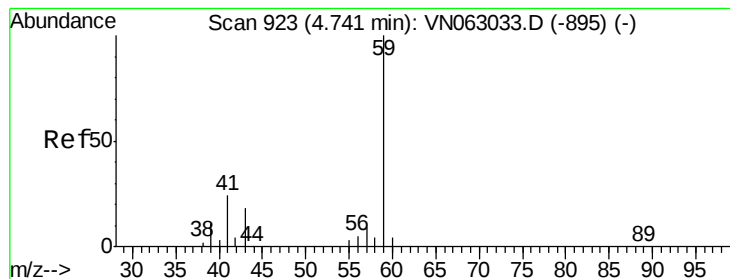
#22
 cis-1,2-Dichloroethene
 Concen: 19.805 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 96 Resp: 39462
 Ion Ratio Lower Upper
 96 100
 61 151.4 120.9 181.3
 98 63.4 50.3 75.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 98.407 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

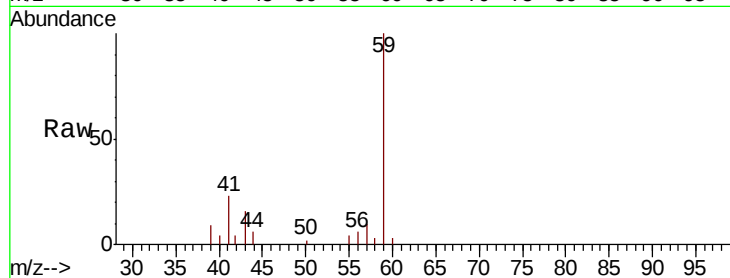
VN0820WBS01

Tot Ion: 59 Resp: 27514

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN063033.D (-895) (-)

Ion 52.00 (51.70 to 52.70): VN063033.D (-895) (-)

15000

10000

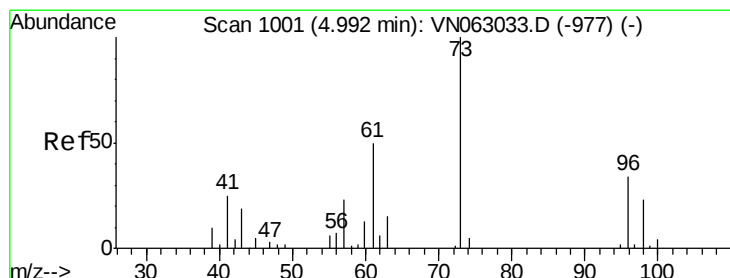
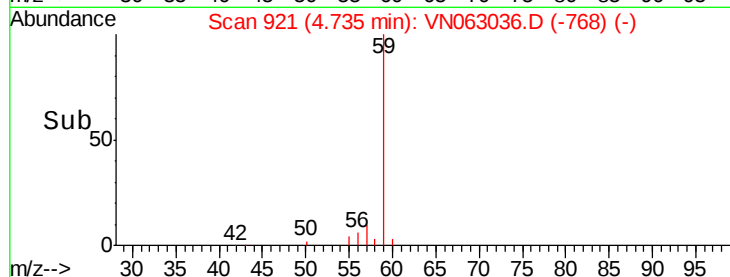
5000

0

4.73

4.60 4.70 4.80

Time-->



#24

Methyl tert-Butyl Ether

Concen: 19.837 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN063036.D

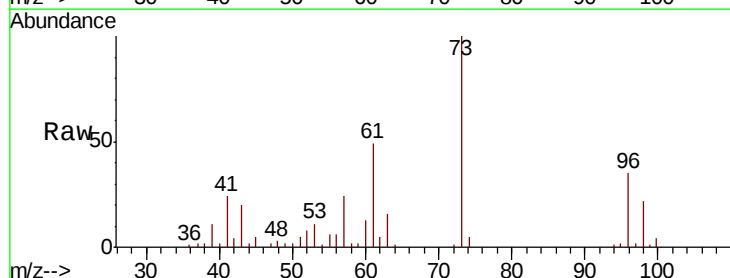
Acq: 20 Aug 2020 14:55

Tgt Ion: 73 Resp: 106411

Ion Ratio Lower Upper

73 100

43 19.8 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN063033.D (-977) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-977) (-)

30000

20000

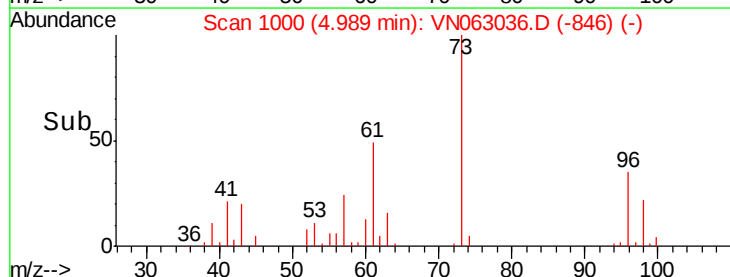
10000

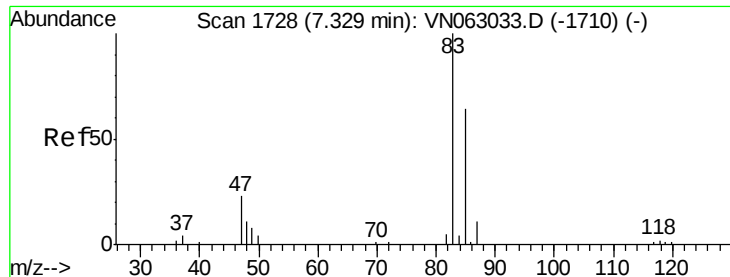
0

4.99

4.90 5.00 5.10

Time-->





#25

Chloroform

Concen: 20.199 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

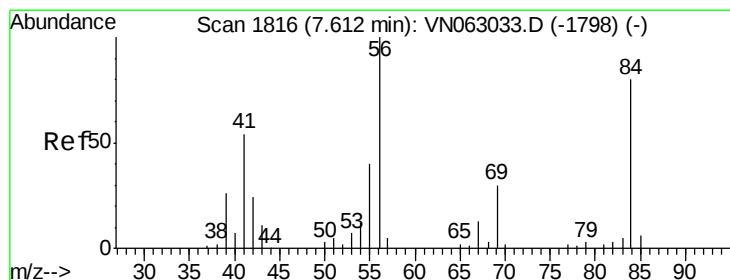
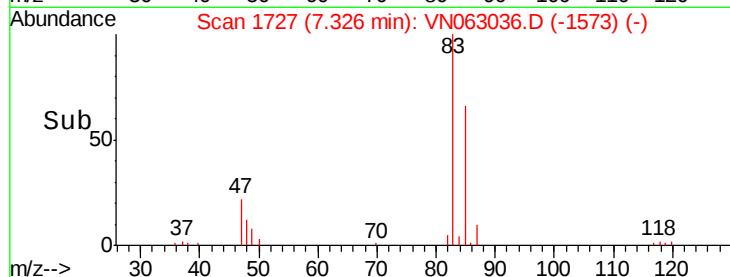
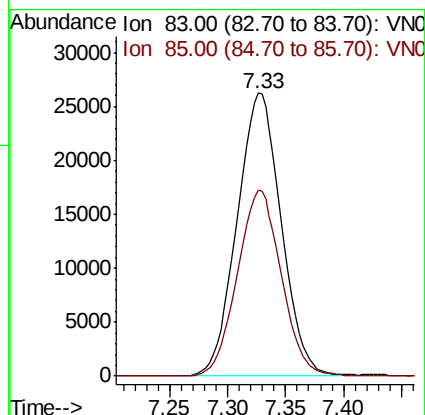
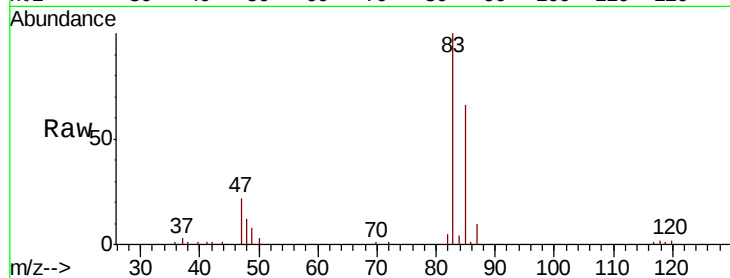
VN0820WBS01

Tot Ion: 83 Resp: 69377

Ion Ratio Lower Upper

83 100

85 65.6 51.0 76.4



#26

Cyclohexane

Concen: 20.038 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

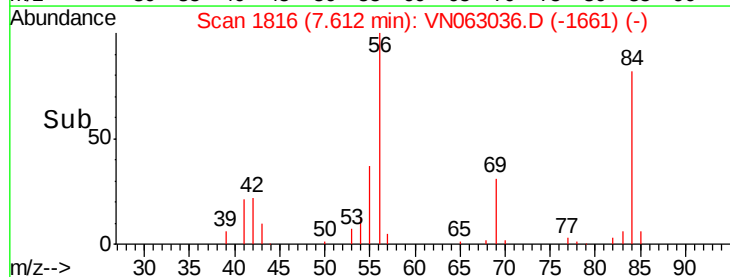
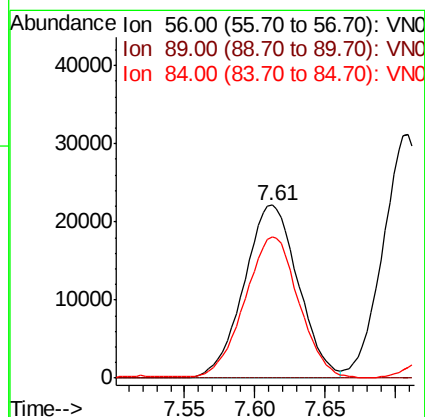
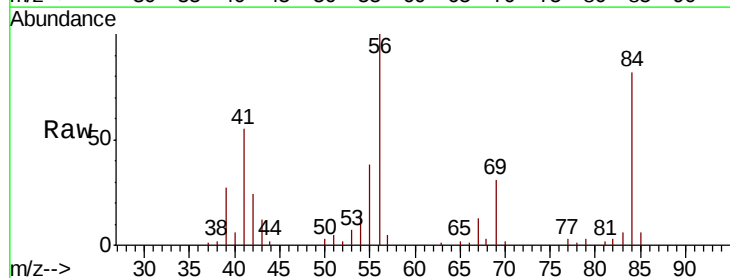
Tgt Ion: 56 Resp: 59491

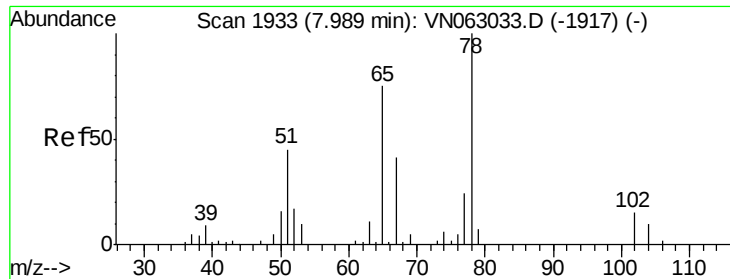
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.6 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 29.827 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

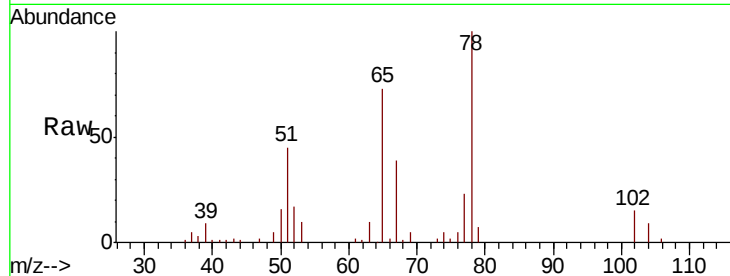
VN0820WBS01

Tot Ion: 65 Resp: 66219

Ion Ratio Lower Upper

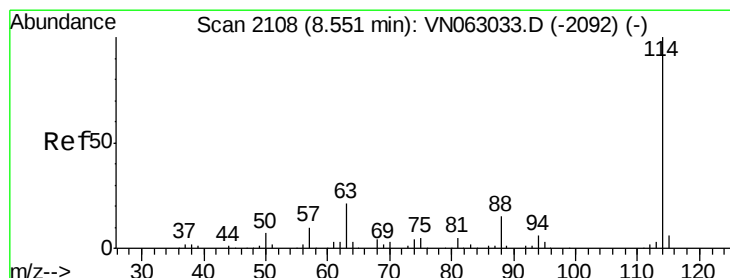
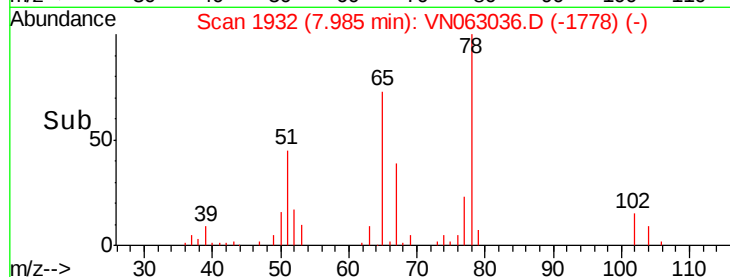
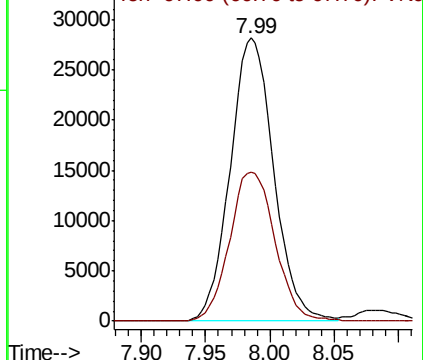
65 100

67 54.9 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

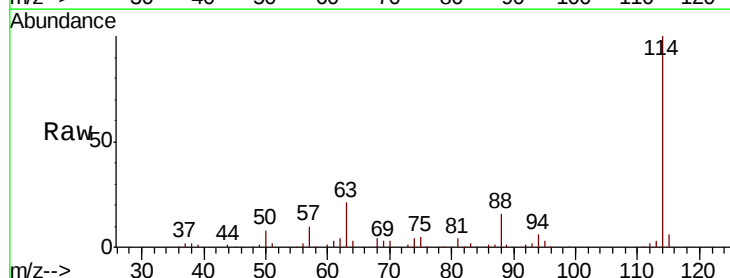
Tgt Ion: 114 Resp: 162259

Ion Ratio Lower Upper

114 100

63 20.9 17.0 25.6

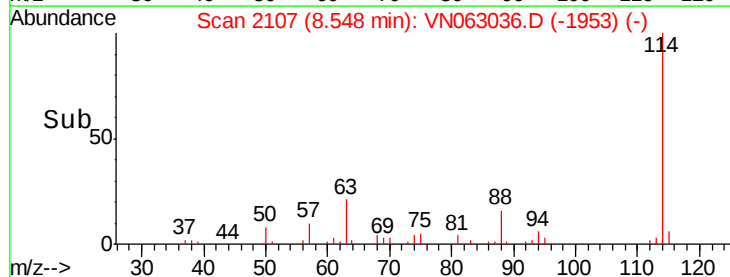
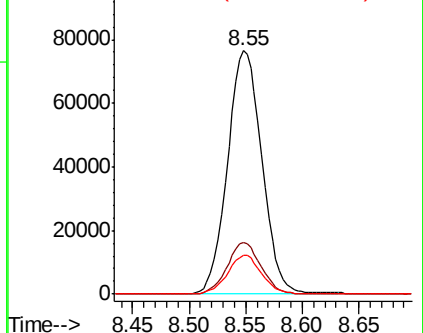
88 15.7 12.6 18.8

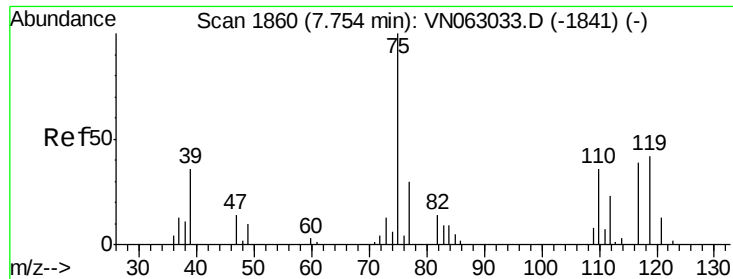


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

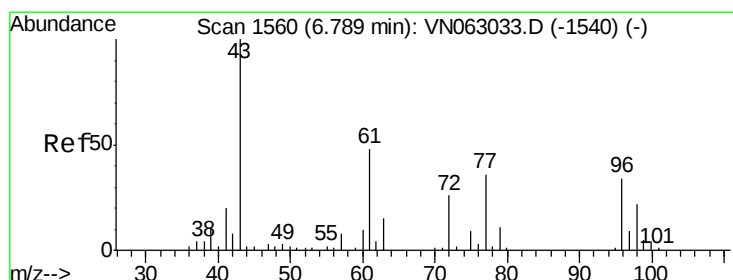
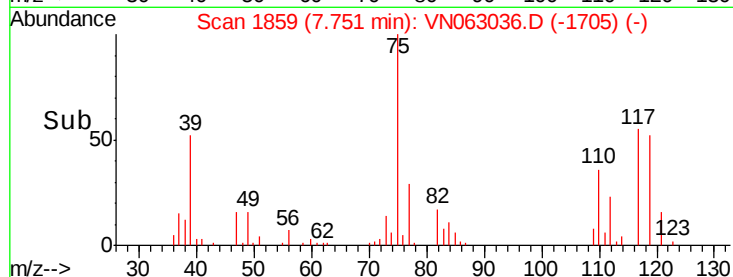
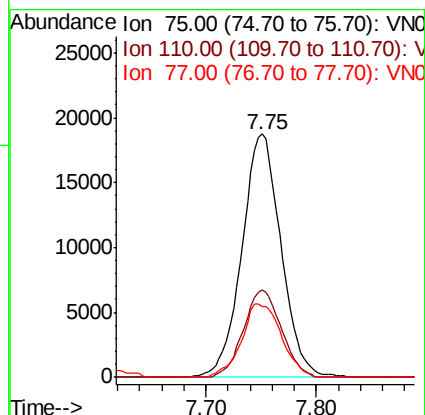
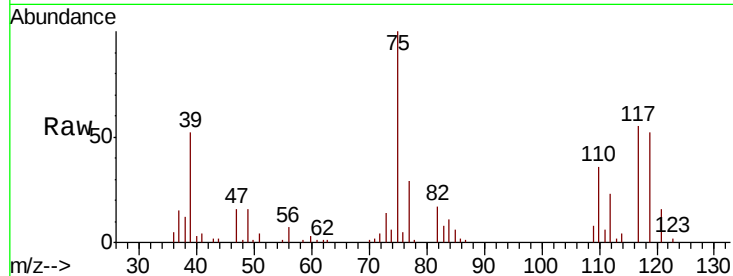




#29
 1,1-Dichloropropene
 Concen: 19.517 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

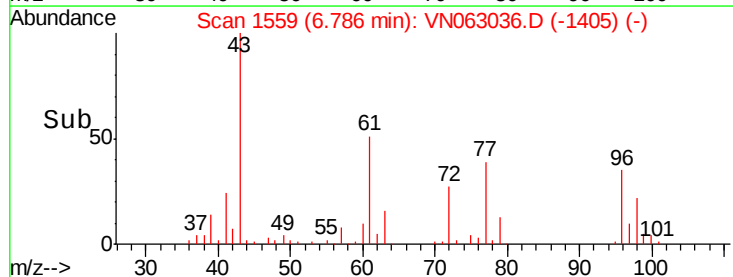
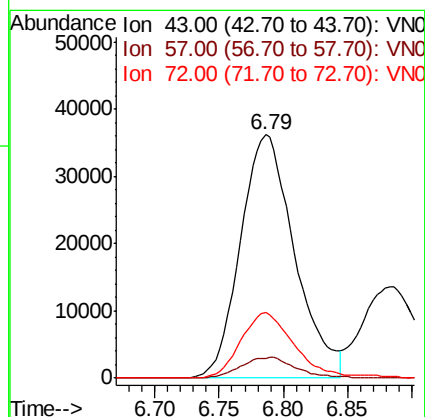
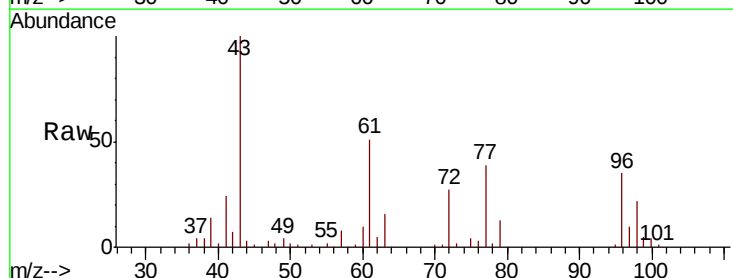
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

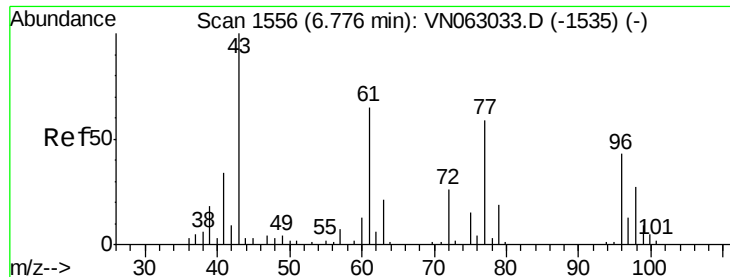
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.9	0.0	70.6
77	30.7	0.0	60.2



#30
 2-Butanone
 Concen: 96.503 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.6	9.8
72	26.2	21.3	31.9





#31

2,2-Dichloropropane

Concen: 19.785 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

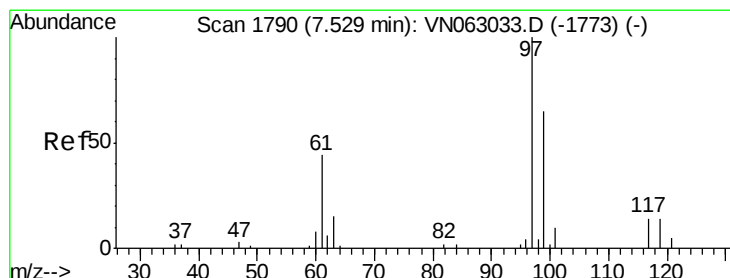
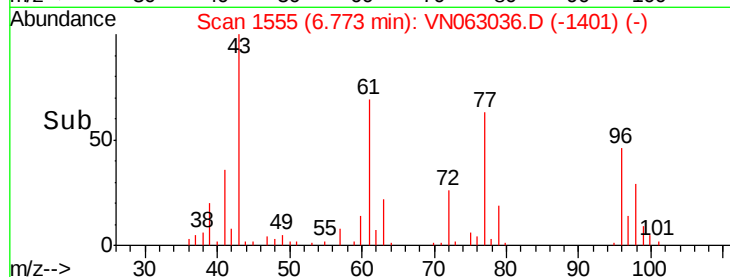
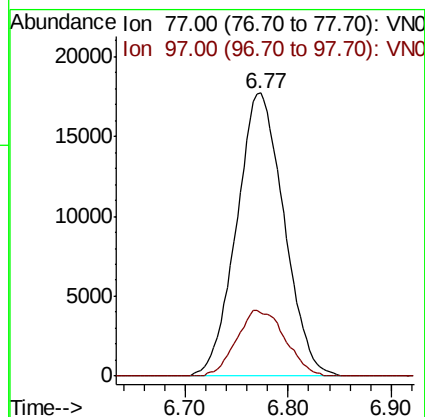
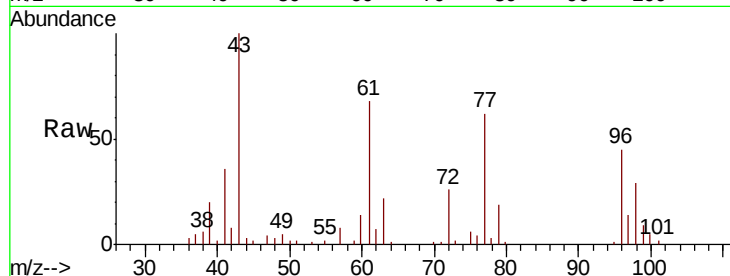
VN0820WBS01

Tot Ion: 77 Resp: 56668

Ion Ratio Lower Upper

77 100

97 23.7 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 19.990 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

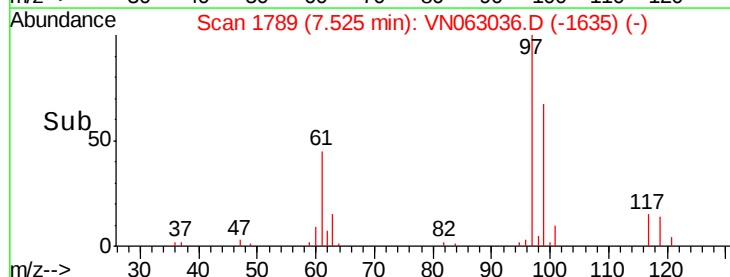
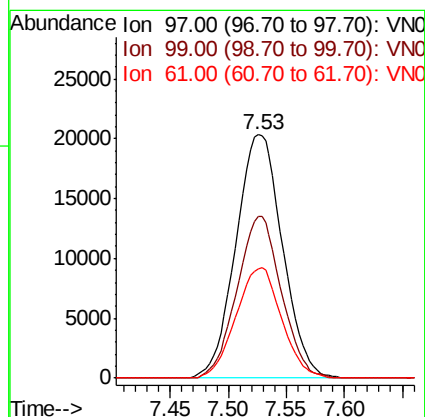
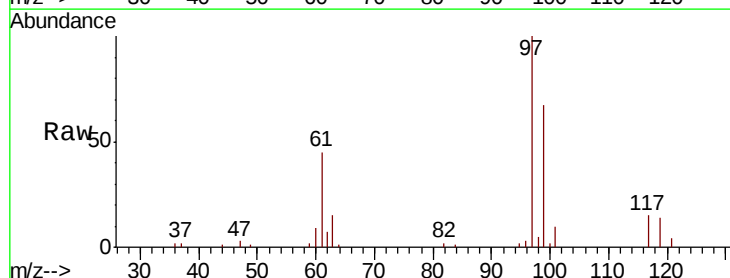
Tgt Ion: 97 Resp: 56733

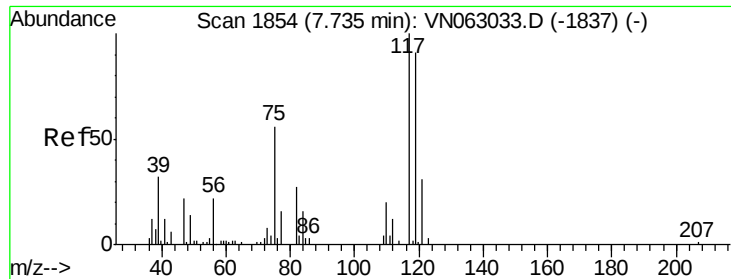
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 44.4 35.3 52.9

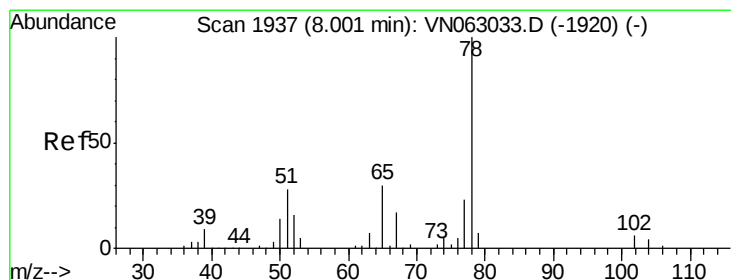
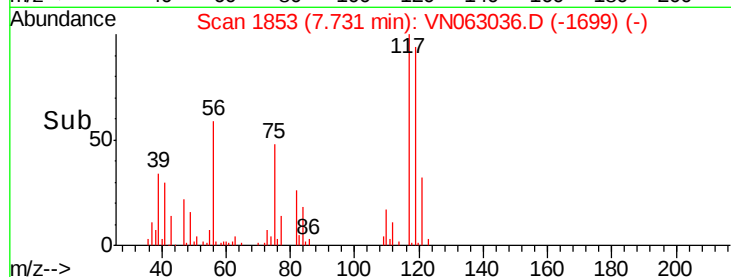
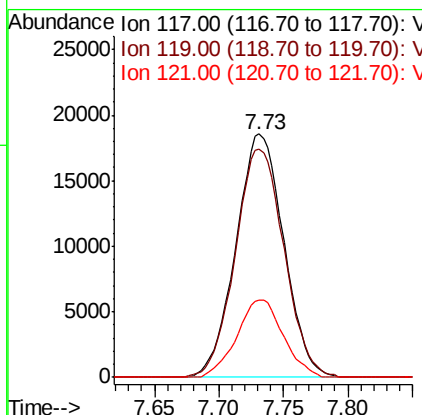
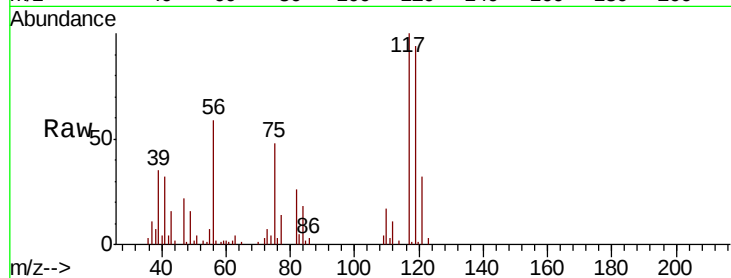




#33
Carbon Tetrachloride
Concen: 19.864 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

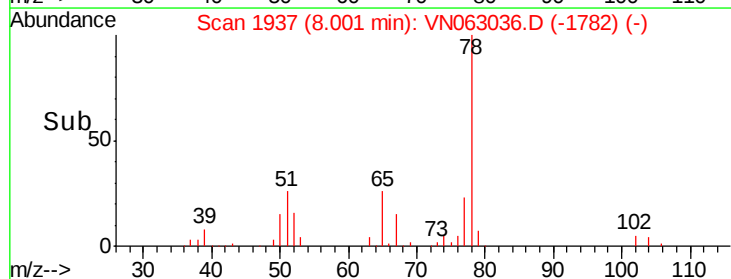
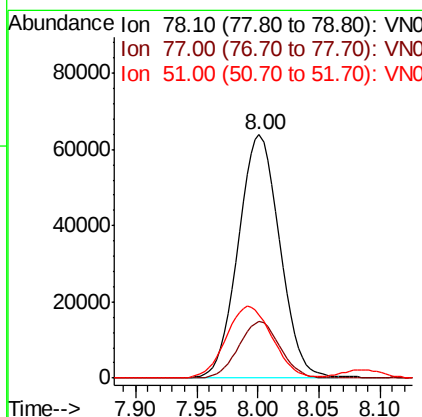
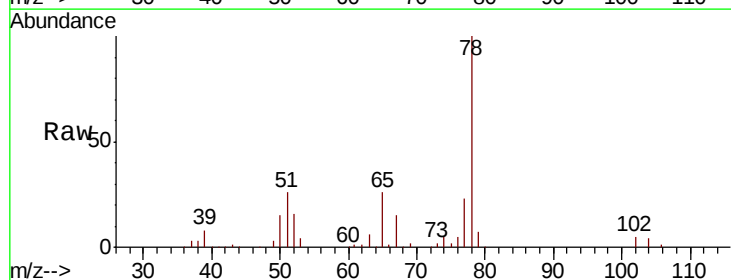
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

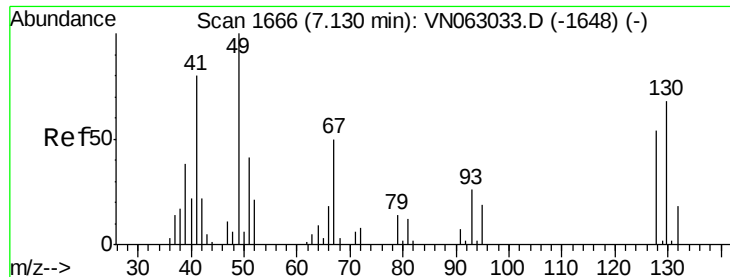
Tot Ion:117 Resp: 48007
Ion Ratio Lower Upper
117 100
119 93.5 73.0 109.4
121 31.9 24.9 37.3



#34
Benzene
Concen: 19.950 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 78 Resp: 150651
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
51 25.9 22.2 33.2

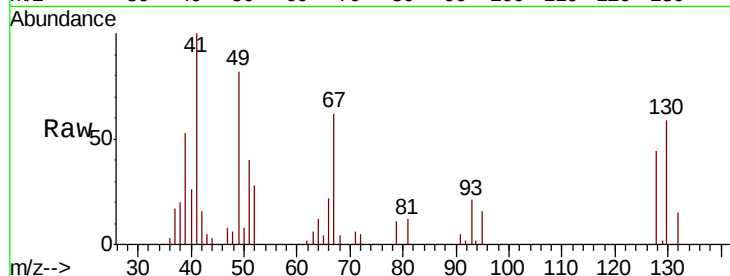




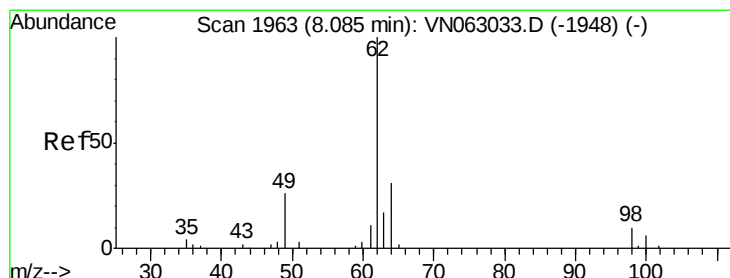
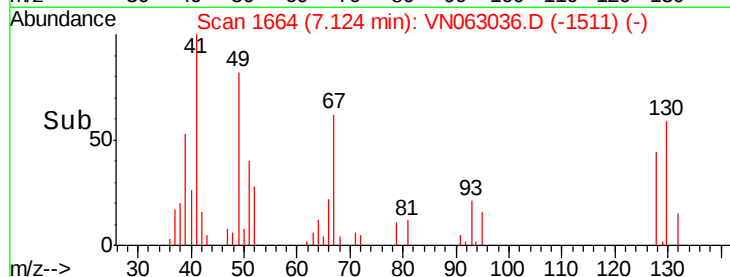
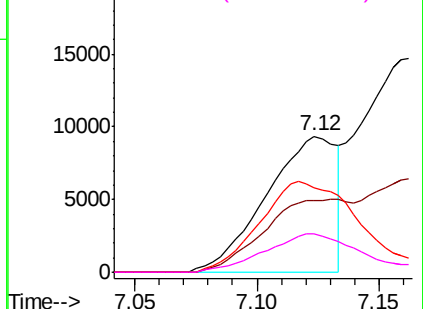
#35
Methacrylonitrile
Concen: 17.936 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion:	41	Resp:	18722
Ion	Ratio	Lower	Upper
41	100		
39	52.9	23.7	71.1
67	62.1	31.6	94.7
52	28.1	13.1	39.3

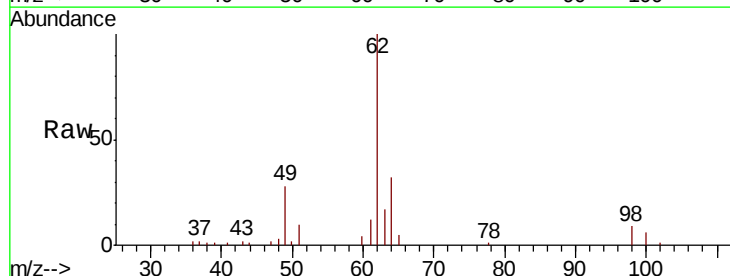


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

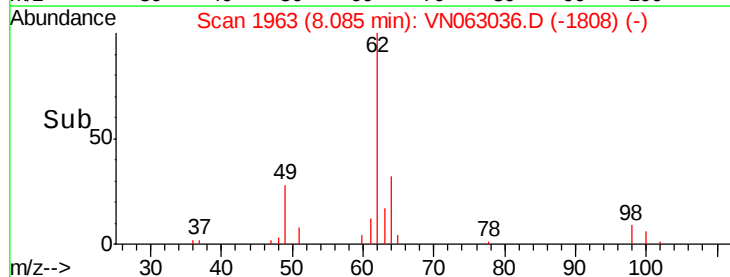
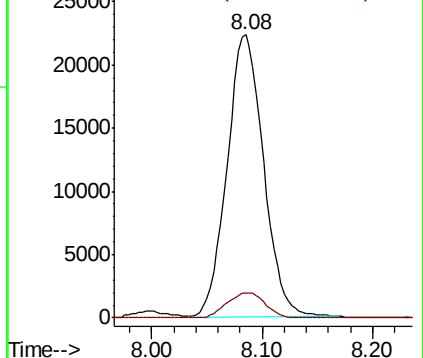


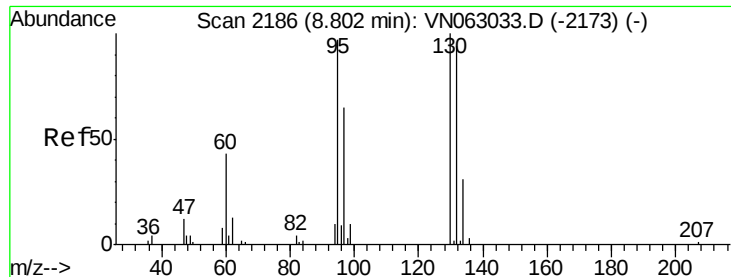
#36
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:	62	Resp:	50972
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

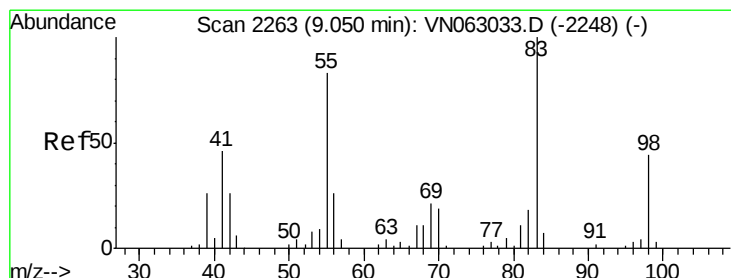
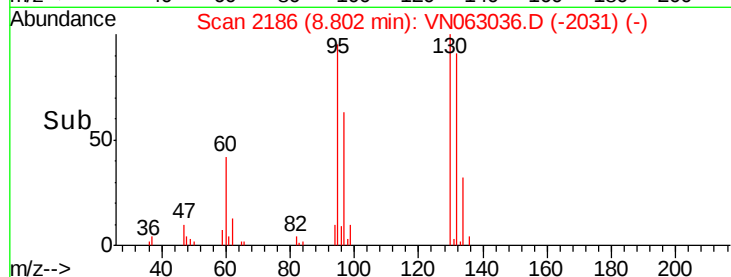
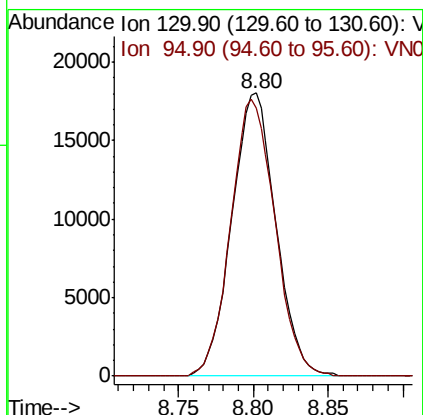
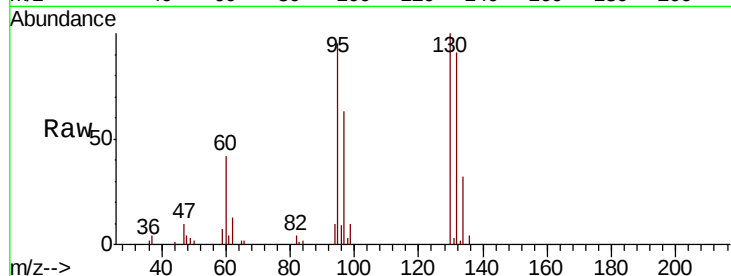




#37
 Trichloroethene
 Concen: 19.993 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

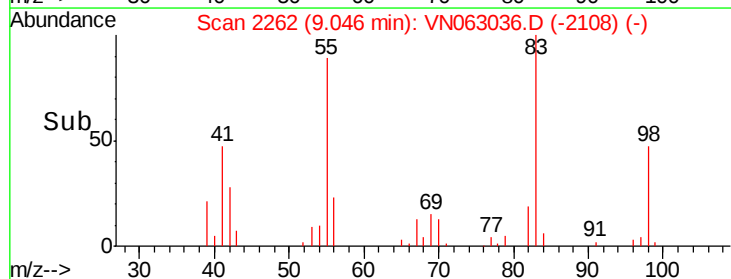
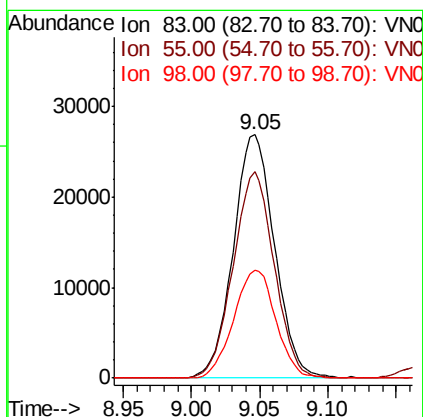
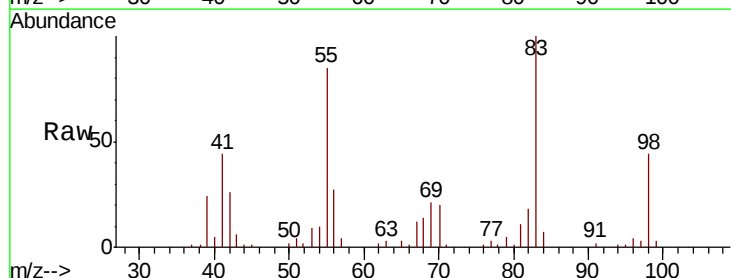
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

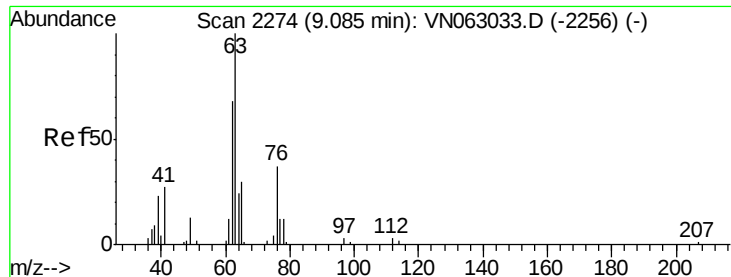
Tot Ion:130 Resp: 36973
 Ion Ratio Lower Upper
 130 100
 95 94.6 78.9 118.3



#38
 Methylcyclohexane
 Concen: 19.110 ug/l
 RT: 9.05 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 83 Resp: 56482
 Ion Ratio Lower Upper
 83 100
 55 84.1 41.9 125.7
 98 45.1 22.2 66.6





#39

1,2-Dichloropropane

Concen: 19.835 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

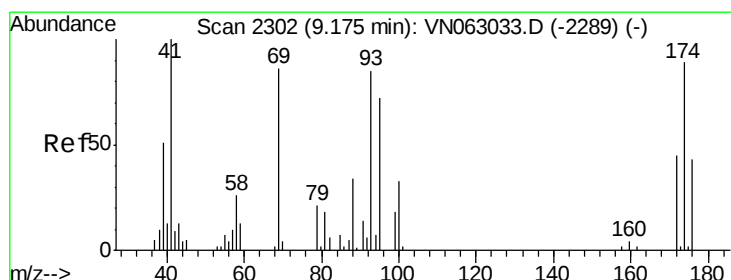
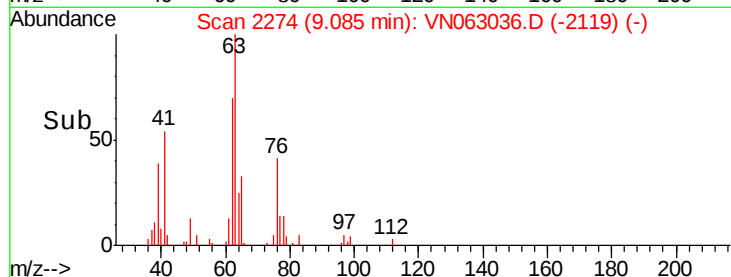
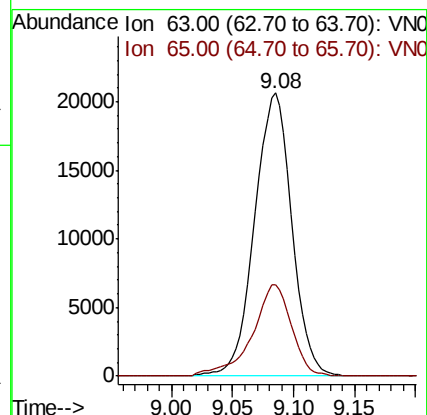
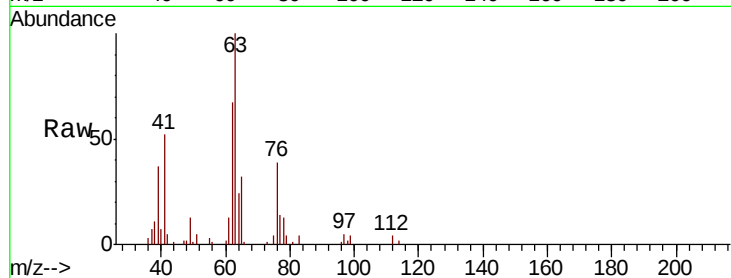
VN0820WBS01

Tot Ion: 63 Resp: 43591

Ion Ratio Lower Upper

63 100

65 32.2 25.1 37.7



#40

Dibromomethane

Concen: 19.686 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

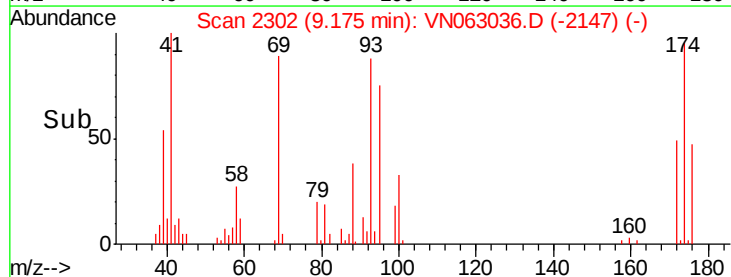
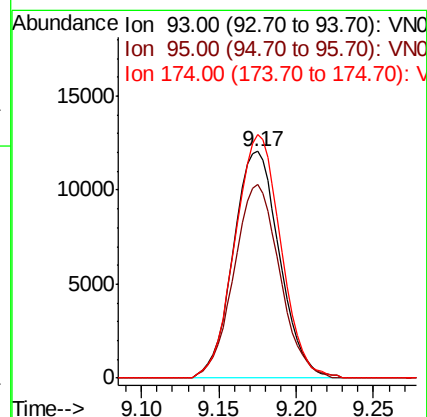
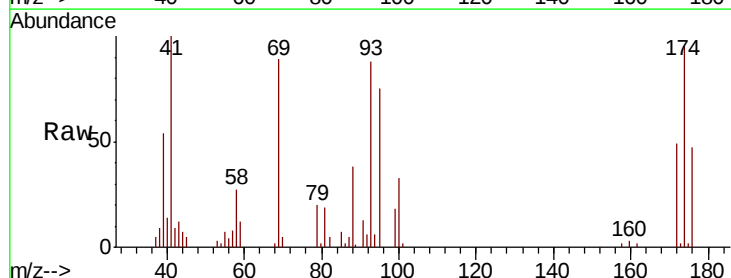
Tgt Ion: 93 Resp: 25119

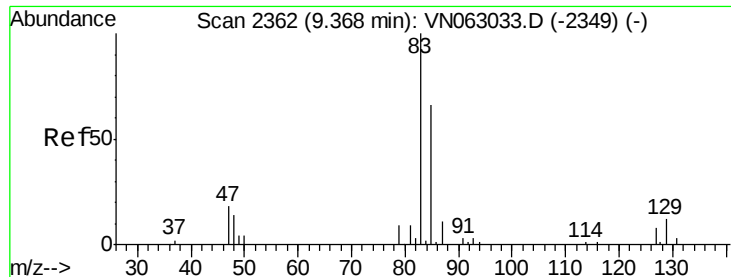
Ion Ratio Lower Upper

93 100

95 84.2 0.0 168.2

174 106.4 0.0 208.4





#41

Bromodichloromethane

Concen: 19.848 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

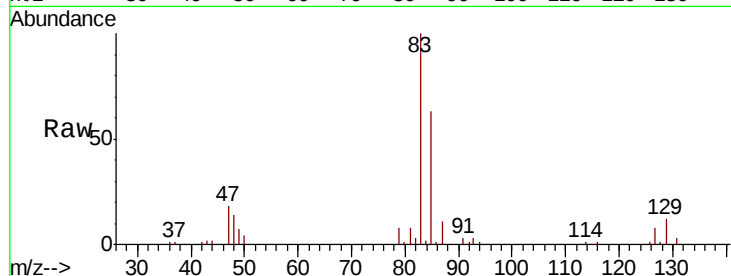
Tot Ion: 83 Resp: 56123

Ion Ratio Lower Upper

83 100

85 63.1 52.6 79.0

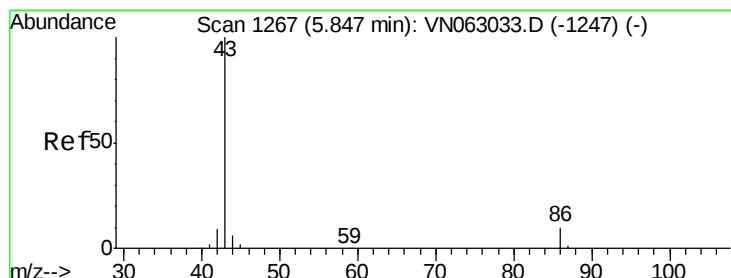
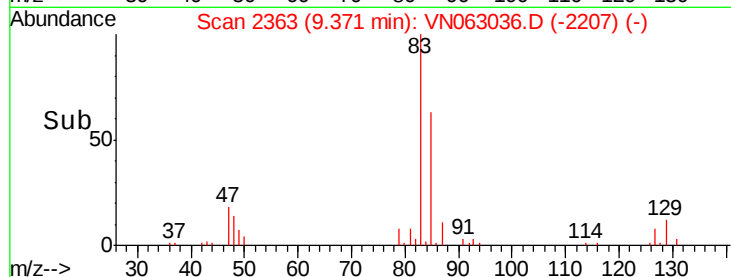
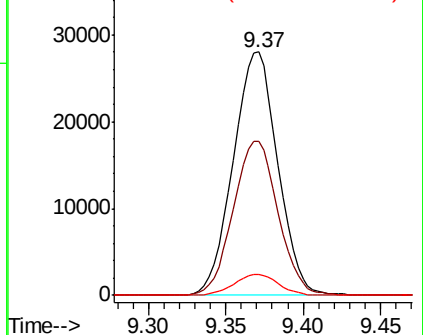
127 9.2 7.4 11.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 94.465 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN063036.D

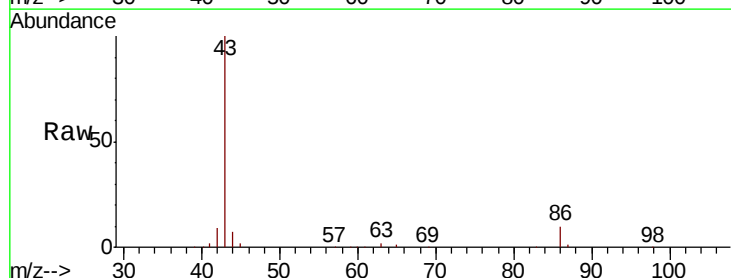
Acq: 20 Aug 2020 14:55

Tgt Ion: 43 Resp: 393033

Ion Ratio Lower Upper

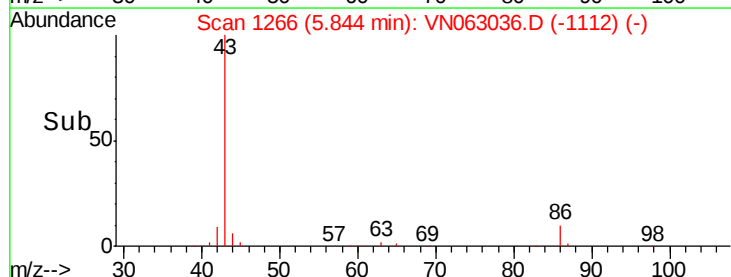
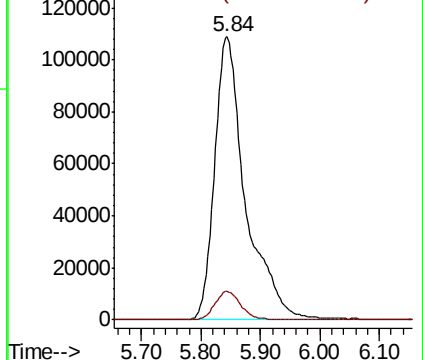
43 100

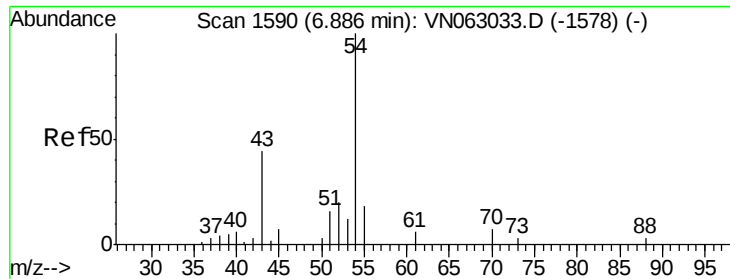
86 8.5 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 19.435 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

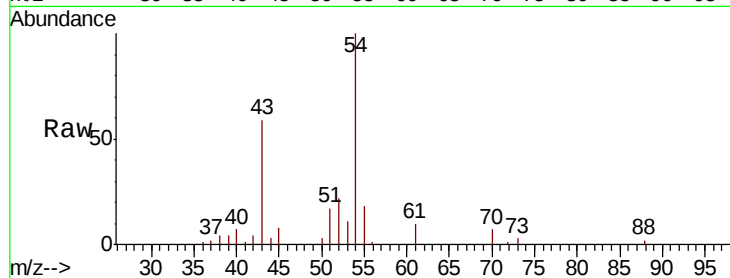
VN0820WBS01

Tot Ion: 43 Resp: 40741

Ion Ratio Lower Upper

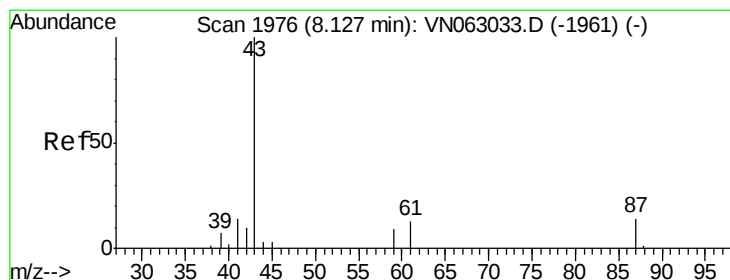
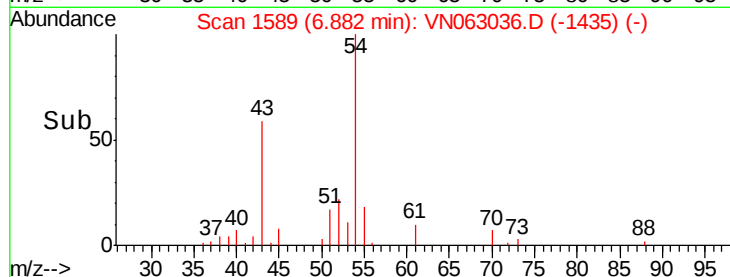
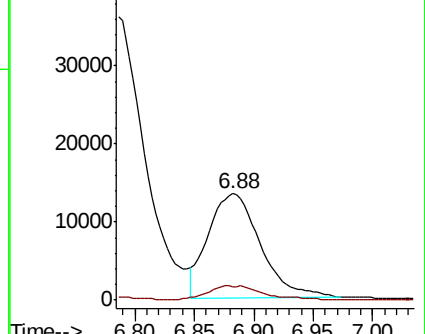
43 100

45 7.8 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.356 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063036.D

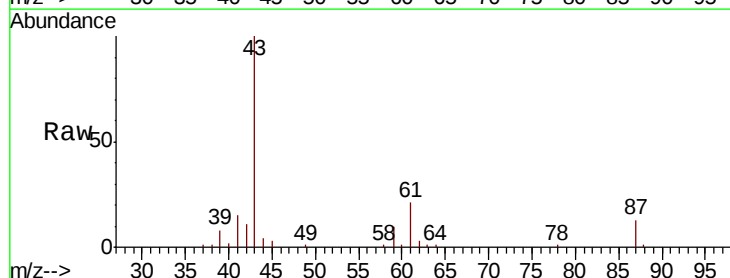
Acq: 20 Aug 2020 14:55

Tgt Ion: 43 Resp: 68119

Ion Ratio Lower Upper

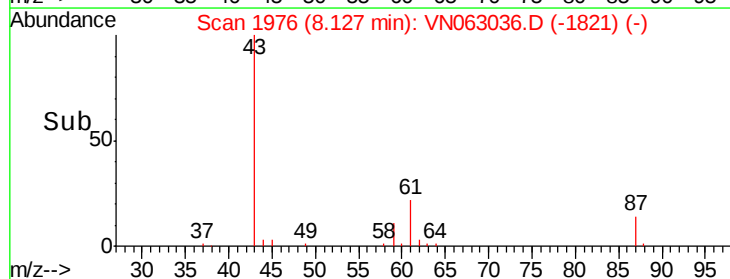
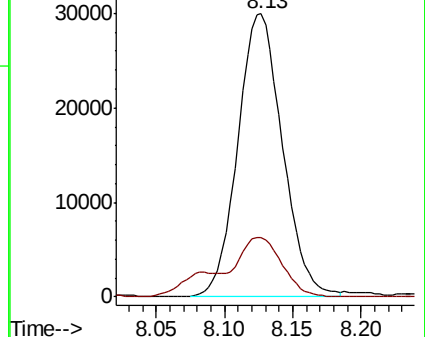
43 100

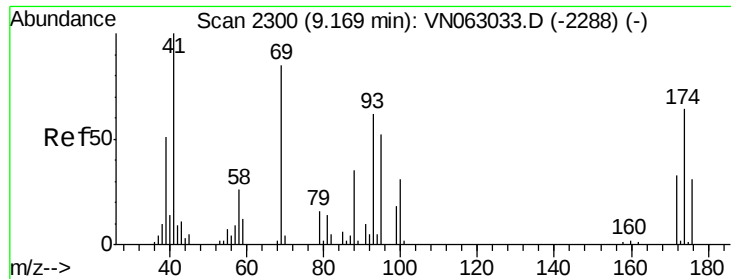
61 20.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

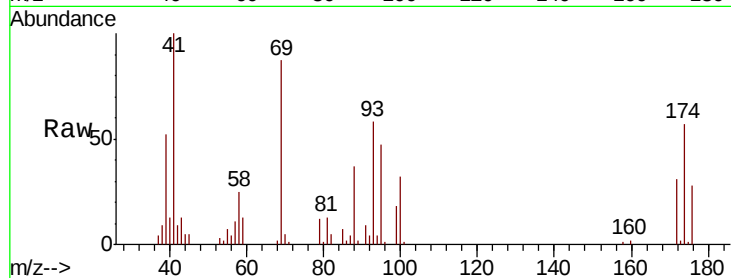




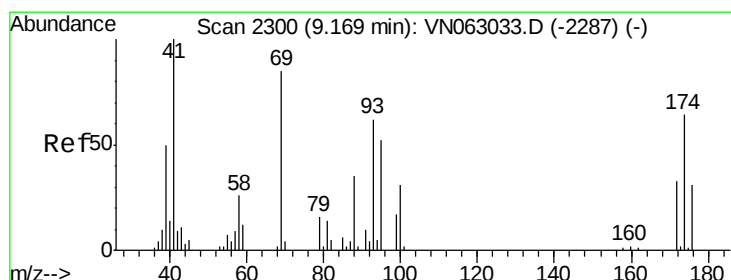
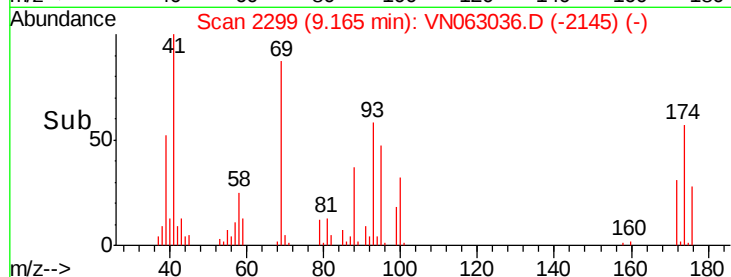
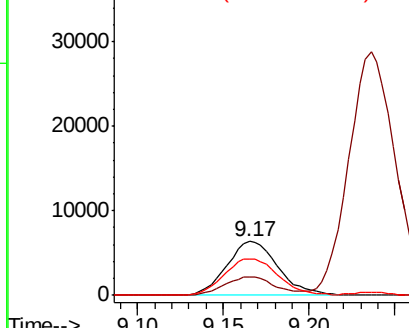
#45
 1,4-Dioxane
 Concen: 398.571 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion: 88 Resp: 13137
 Ion Ratio Lower Upper
 88 100
 43 34.0 28.5 42.7
 58 71.1 59.6 89.4

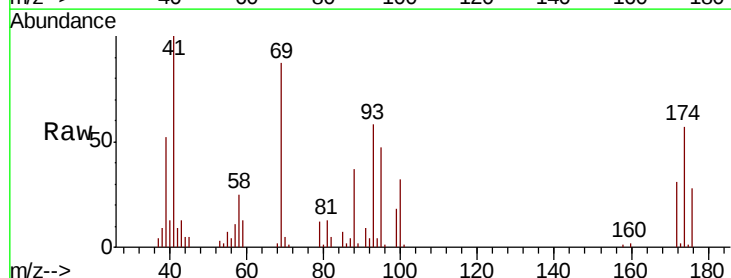


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

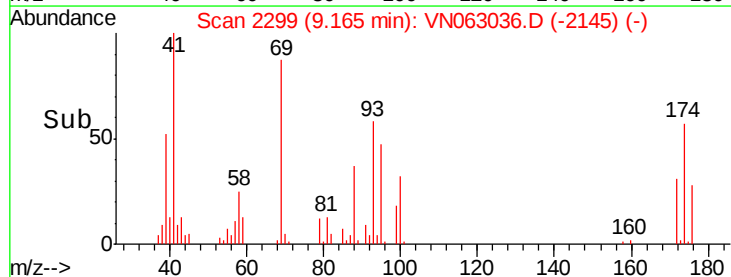
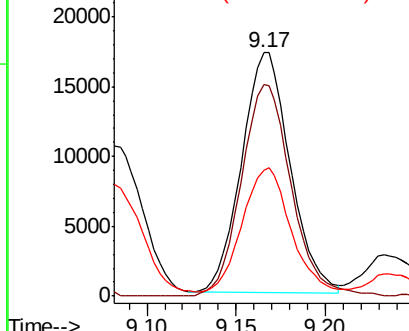


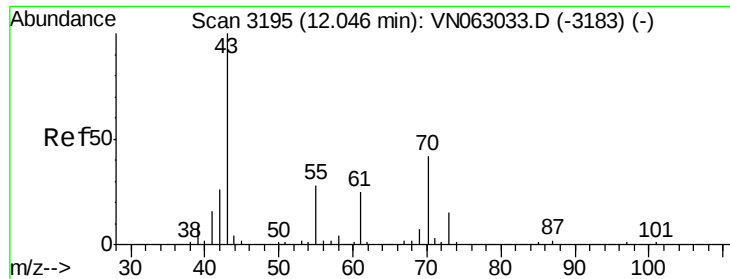
#46
 Methyl methacrylate
 Concen: 18.919 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 41 Resp: 32780
 Ion Ratio Lower Upper
 41 100
 69 88.5 42.6 128.0
 39 50.8 25.1 75.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

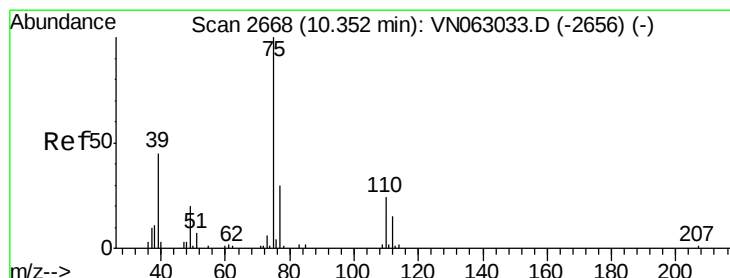
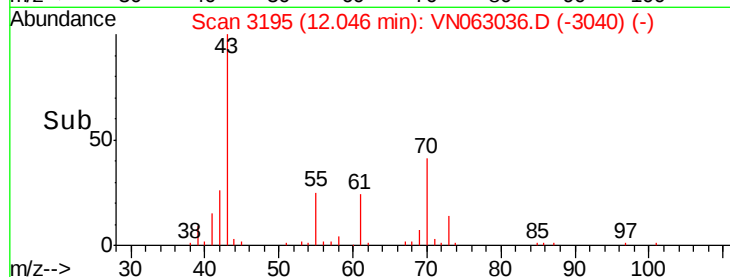
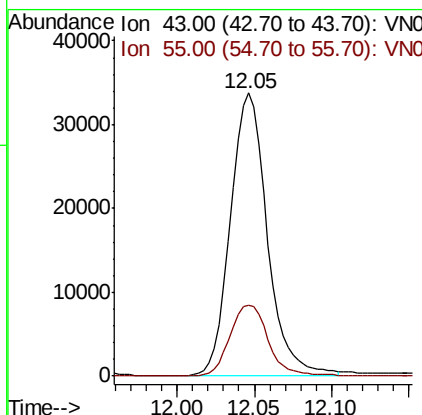
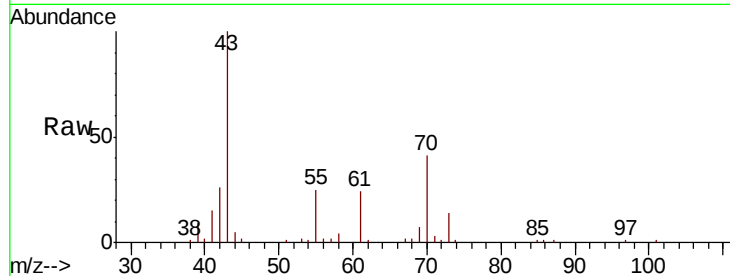




#47
 n-amvl Acetate
 Concen: 17.943 ug/l
 RT: 12.05 min Scan# 3195
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

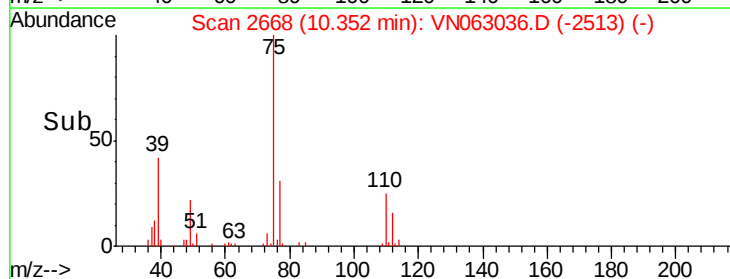
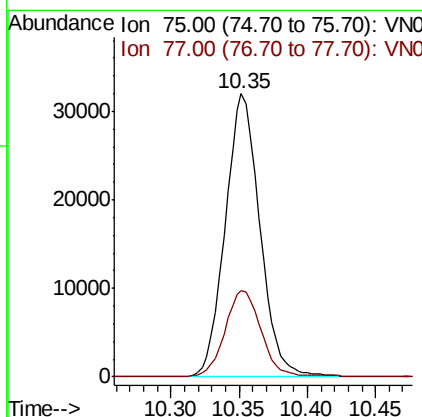
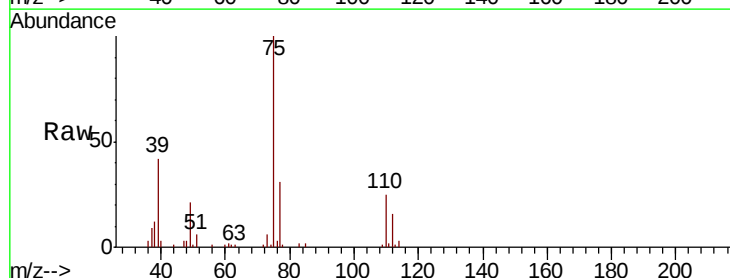
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

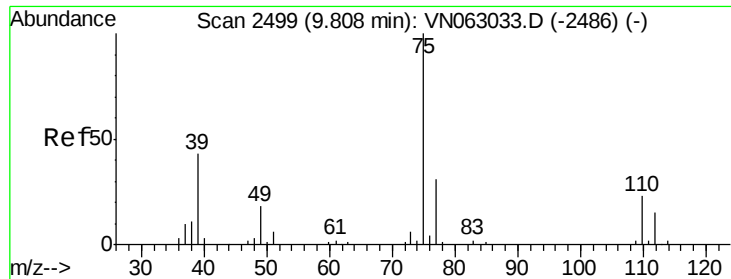
Tot Ion: 43 Resp: 56045
 Ion Ratio Lower Upper
 43 100
 55 26.0 21.2 31.8



#48
 t-1,3-Dichloropropene
 Concen: 18.892 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 75 Resp: 56418
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.8 35.8



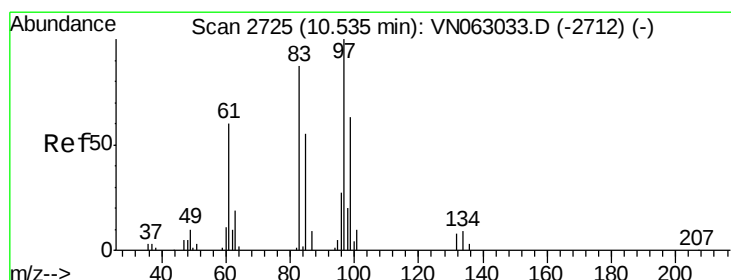
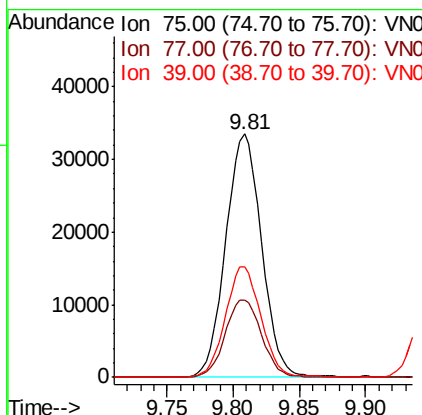
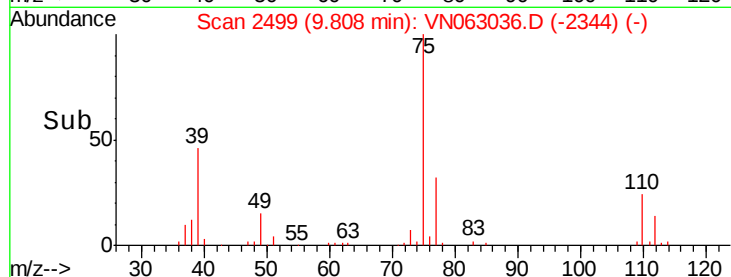
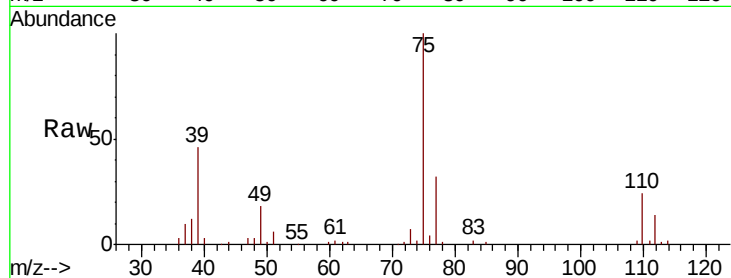


#49

cis-1,3-Dichloropropene
Concen: 19.431 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

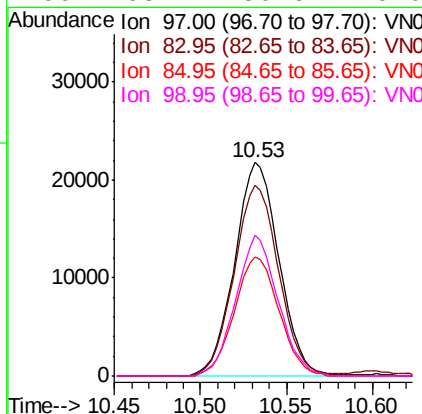
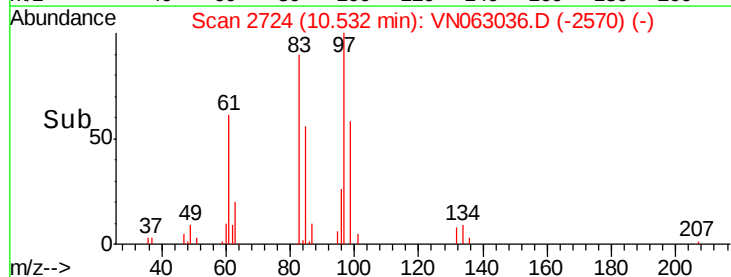
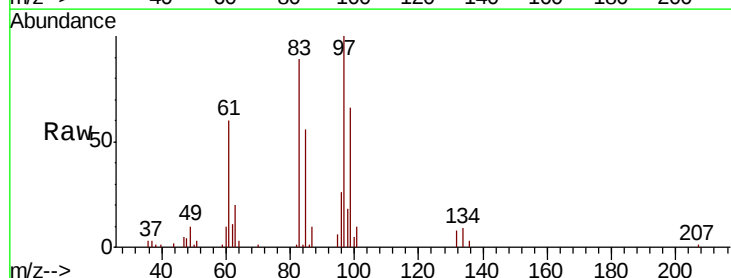
Tot Ion: 75 Resp: 63163
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 45.5 34.5 51.7

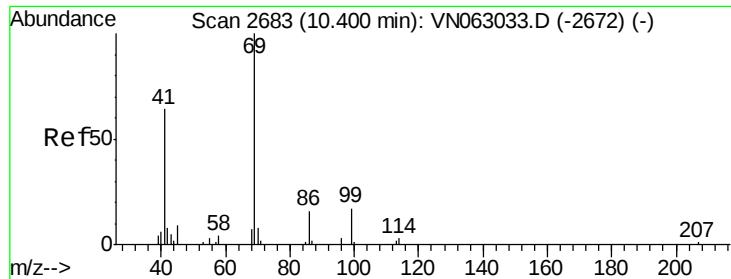


#50

1,1,2-Trichloroethane
Concen: 19.808 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 97 Resp: 38970
Ion Ratio Lower Upper
97 100
83 89.1 69.9 104.9
85 55.8 44.0 66.0
99 65.7 50.6 76.0





#51

Ethyl methacrylate

Concen: 18.850 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

VN0820WBS01

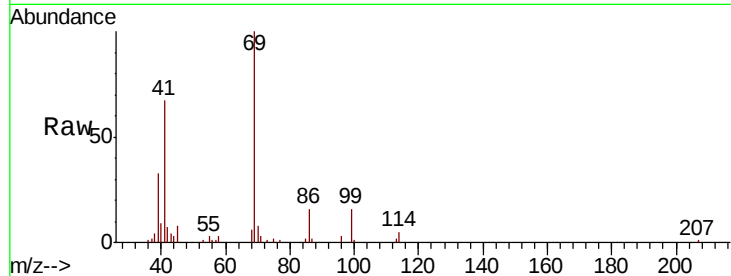
Tot Ion: 69 Resp: 50456

Ion Ratio Lower Upper

69 100

41 66.9 32.1 96.5

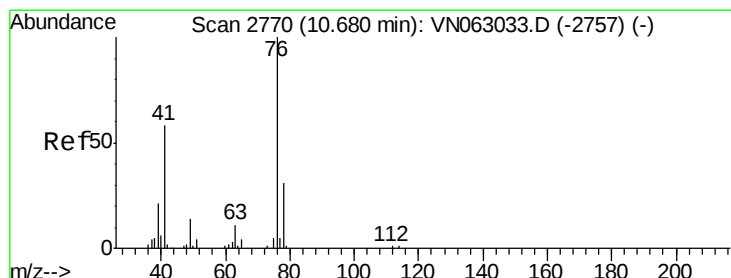
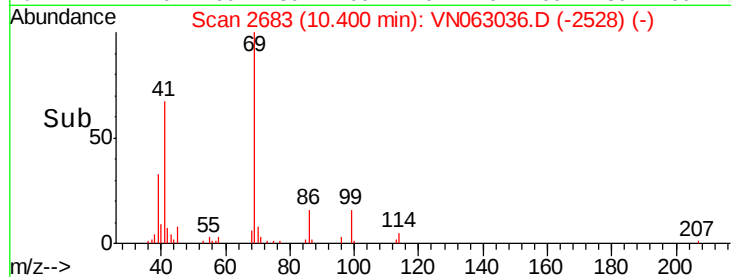
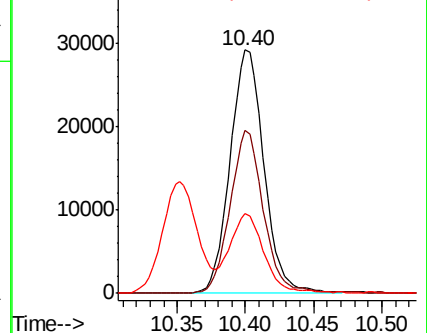
39 32.2 16.1 48.3



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



#52

1,3-Dichloropropane

Concen: 19.771 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN063036.D

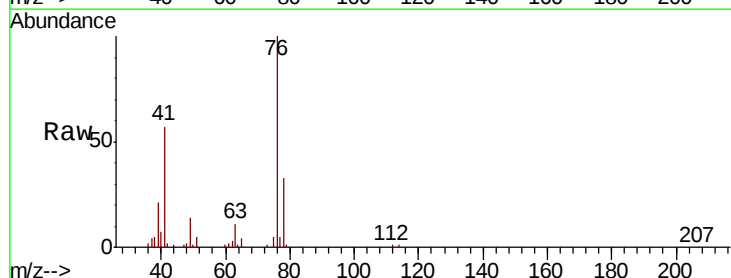
Acq: 20 Aug 2020 14:55

Tgt Ion: 76 Resp: 64265

Ion Ratio Lower Upper

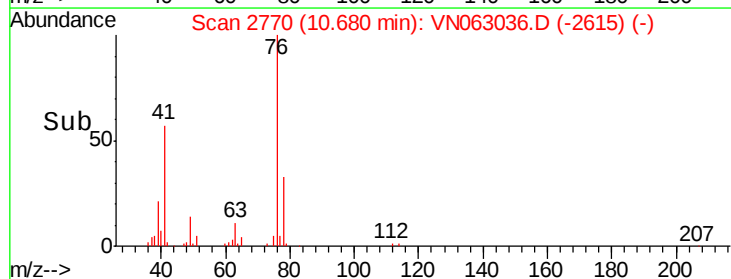
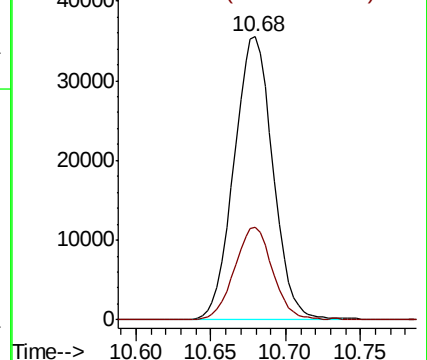
76 100

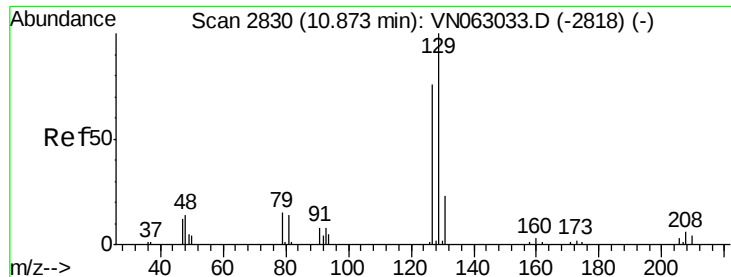
78 32.1 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

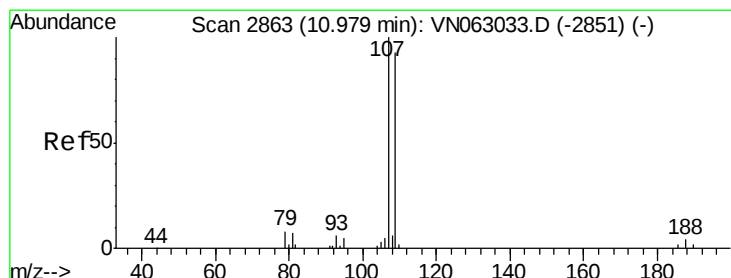
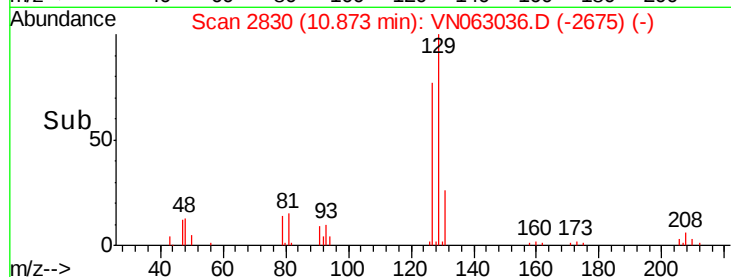
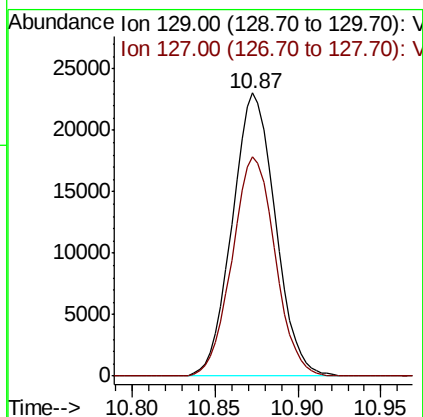
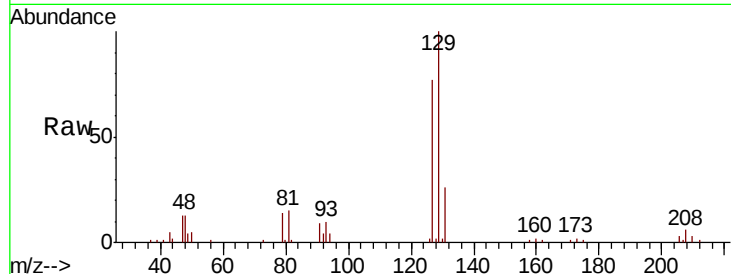




#53
Dibromochloromethane
Concen: 19.351 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

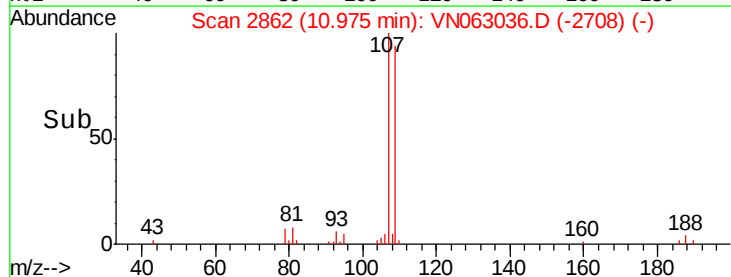
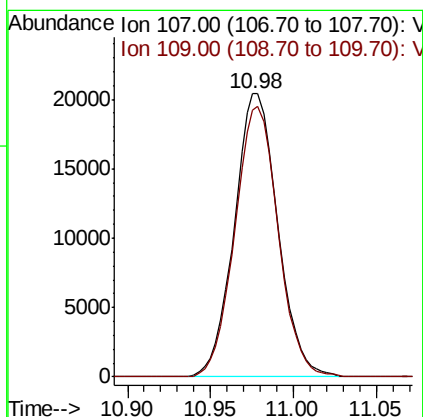
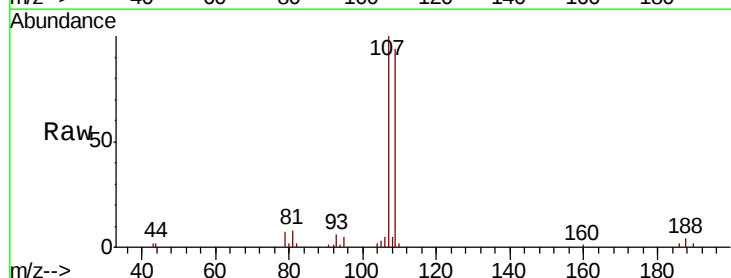
Instrument :
MSVOA_N
ClientSampled :
VN0820WBS01

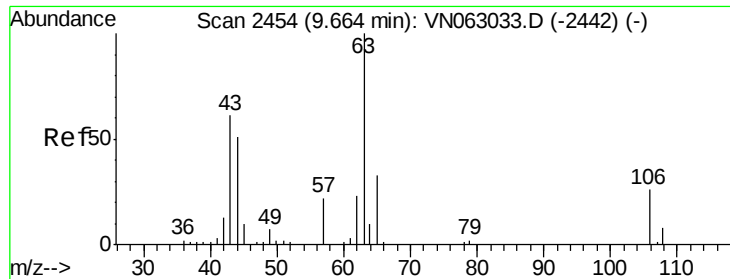
Tot Ion:129 Resp: 41777
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1



#54
1,2-Dibromoethane
Concen: 19.682 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:107 Resp: 37147
Ion Ratio Lower Upper
107 100
109 95.1 76.3 114.5

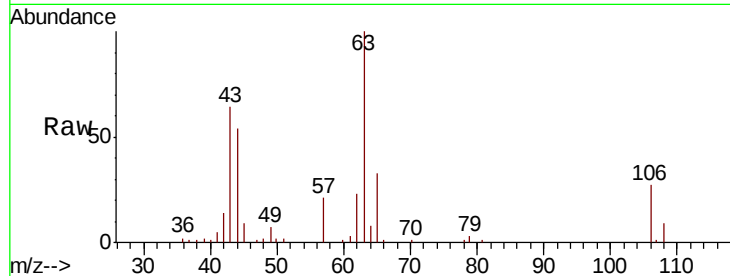




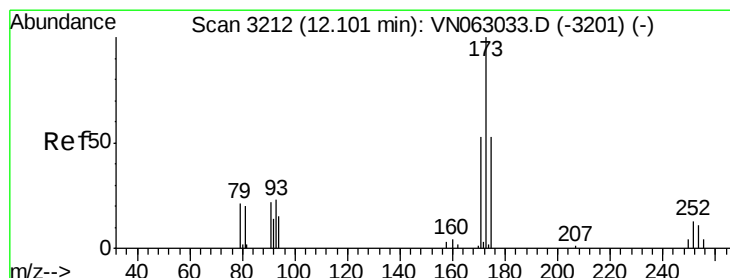
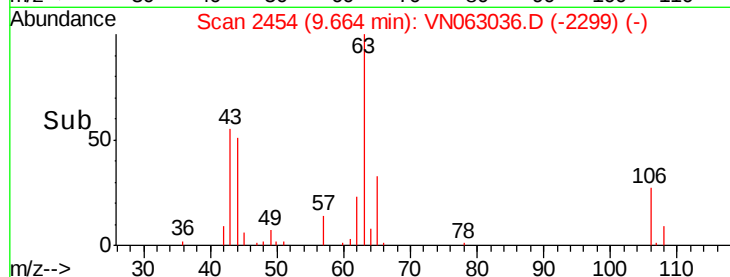
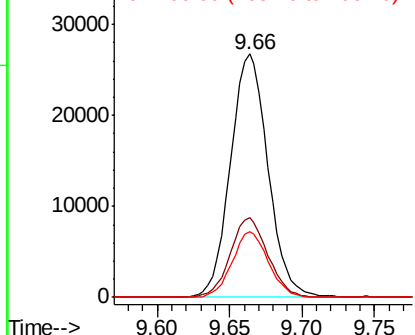
#55
2-Chloroethyl vinyl ether
Concen: 87.773 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion: 63 Resp: 48259
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 25.8 19.9 29.9

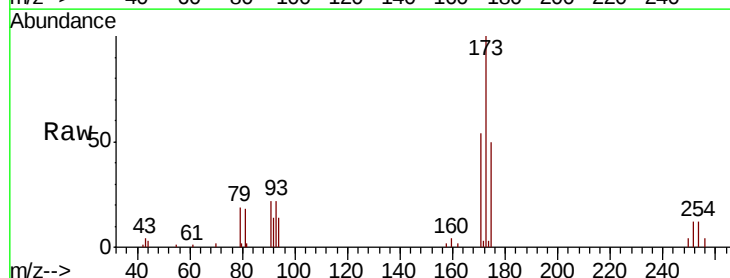


Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0
Ion 106.00 (105.70 to 106.70): VN0

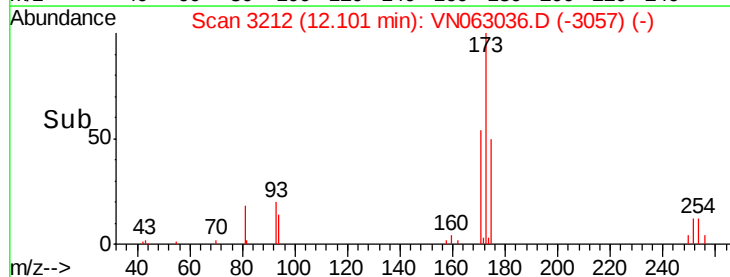
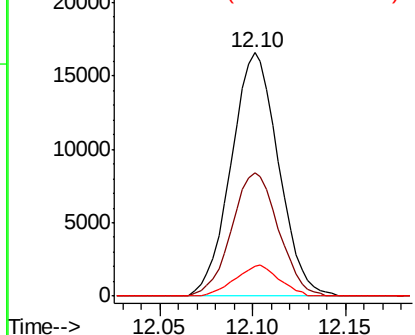


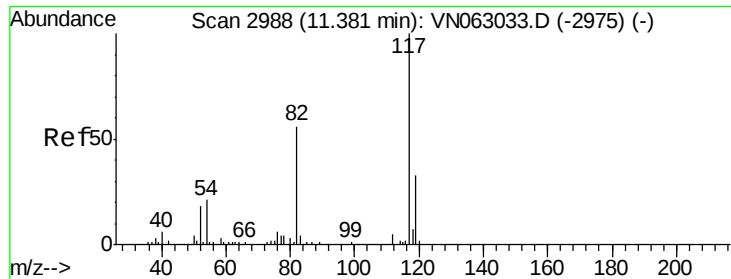
#56
Bromoform
Concen: 18.565 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 173 Resp: 29350
Ion Ratio Lower Upper
173 100
175 50.1 41.2 61.8
254 11.8 9.0 13.4



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

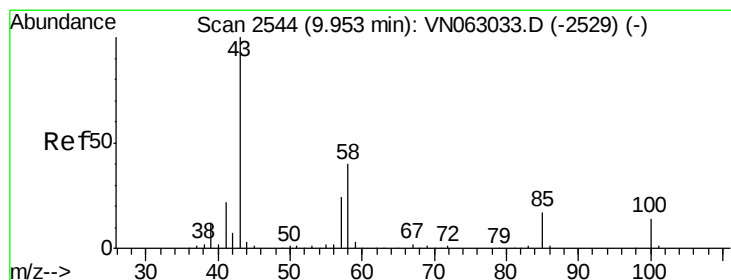
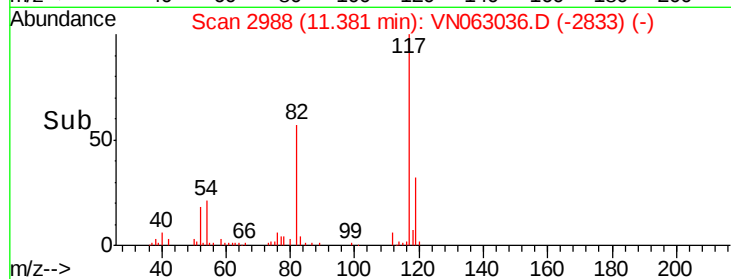
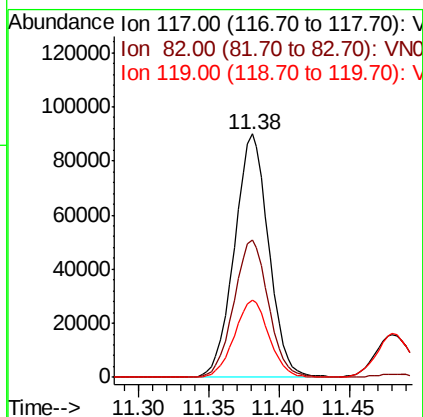
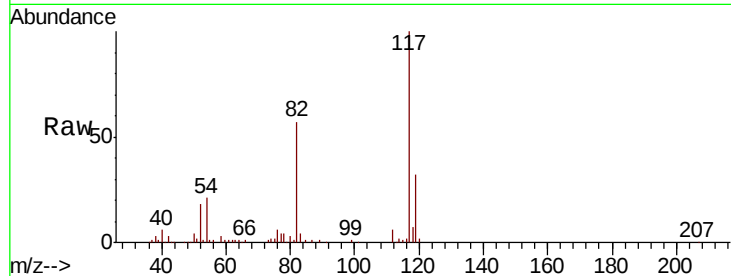




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

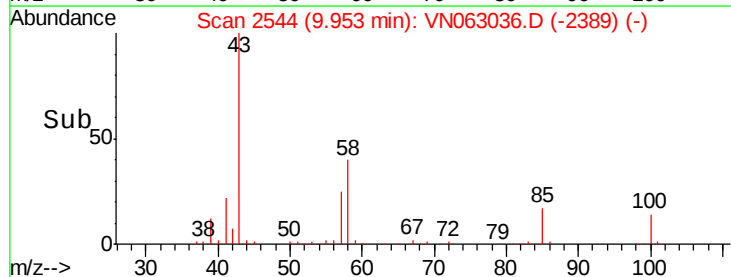
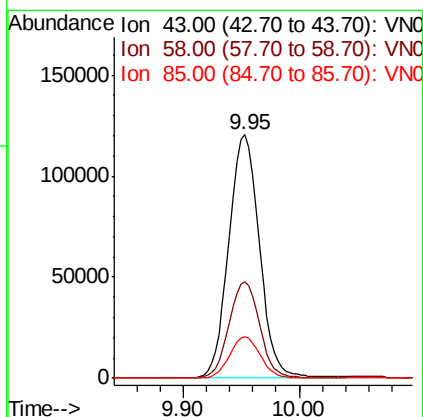
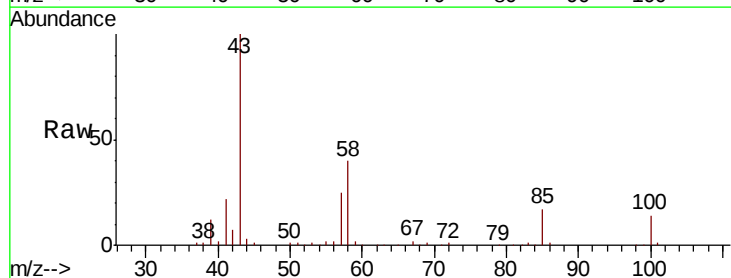
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

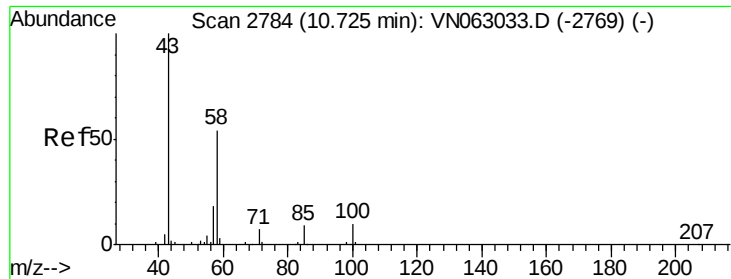
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.9	67.3
119	31.9	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 100.280 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.4	47.0
85	16.8	13.4	20.2





#59

2-Hexanone

Concen: 96.507 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

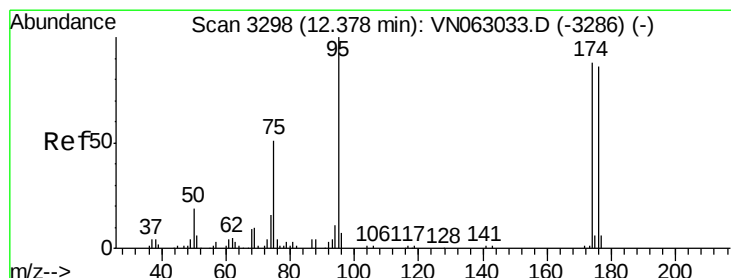
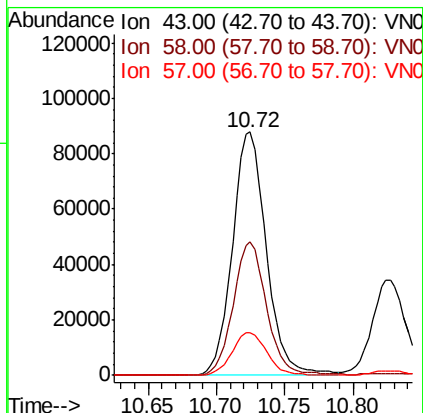
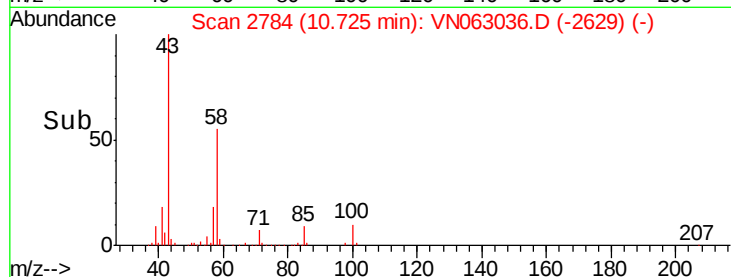
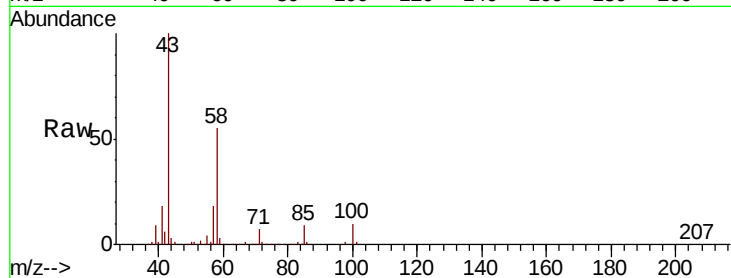
Tot Ion: 43 Resp: 151633

Ion Ratio Lower Upper

43 100

58 54.1 42.6 64.0

57 18.0 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 29.676 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

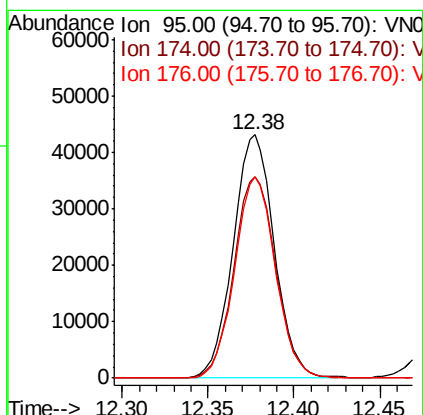
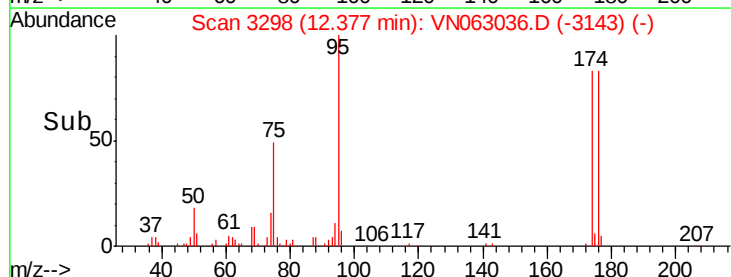
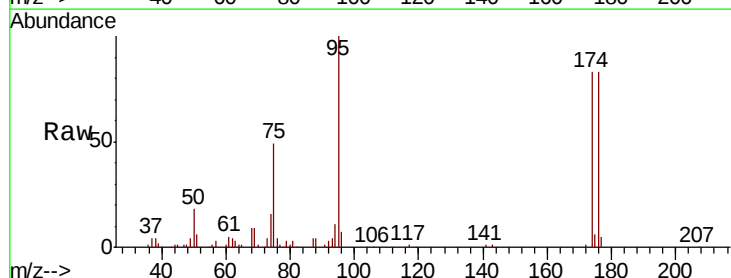
Tgt Ion: 95 Resp: 71799

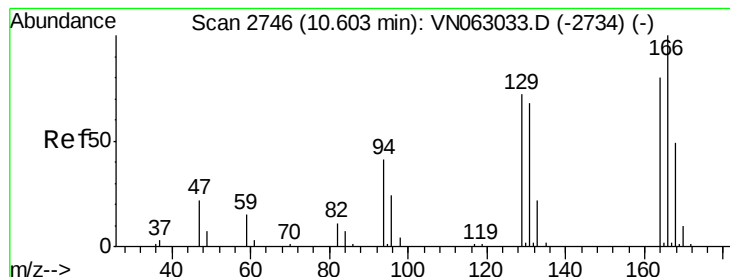
Ion Ratio Lower Upper

95 100

174 84.3 70.1 105.1

176 82.0 66.8 100.2





#61

Tetrachloroethene

Concen: 20.225 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

Tot Ion:164 Resp: 33948

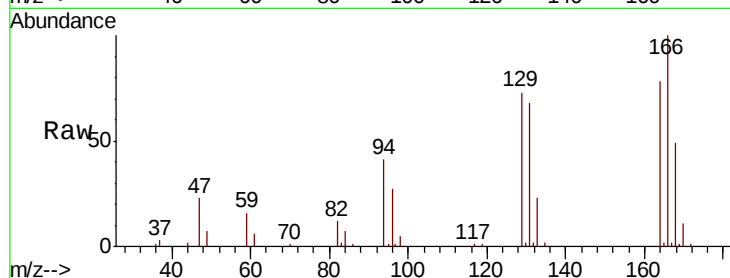
Ion Ratio Lower Upper

164 100

166 126.9 100.1 150.1

129 93.0 72.5 108.7

131 86.4 68.4 102.6

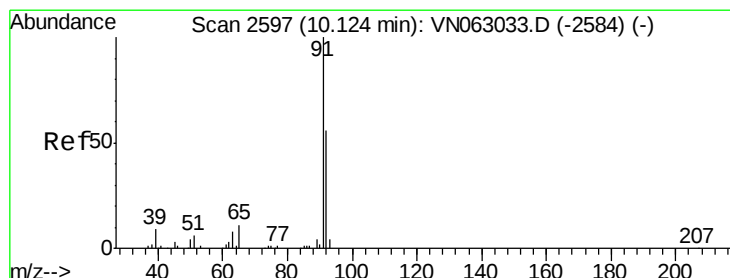
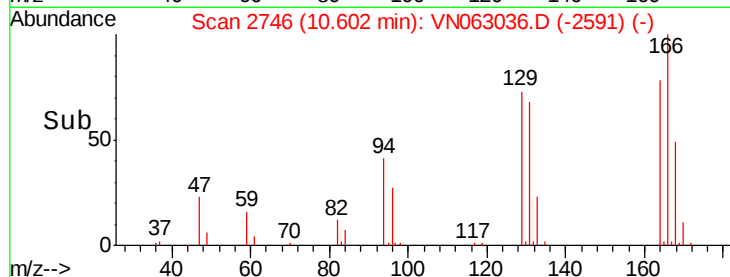
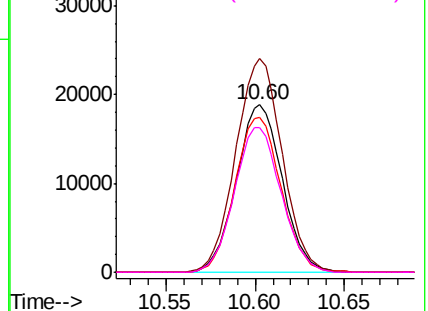


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.123 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063036.D

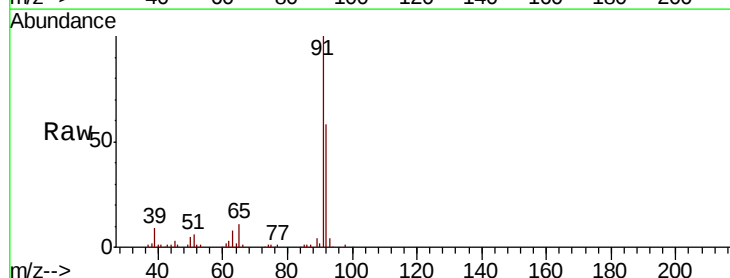
Acq: 20 Aug 2020 14:55

Tgt Ion: 91 Resp: 163291

Ion Ratio Lower Upper

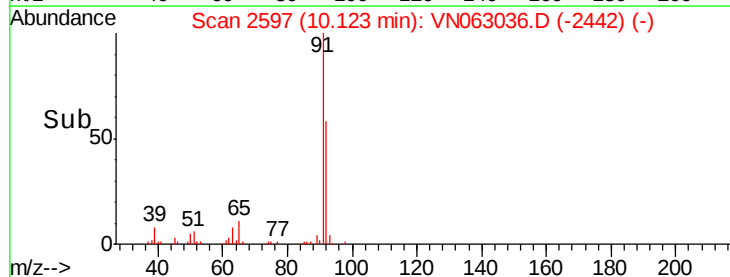
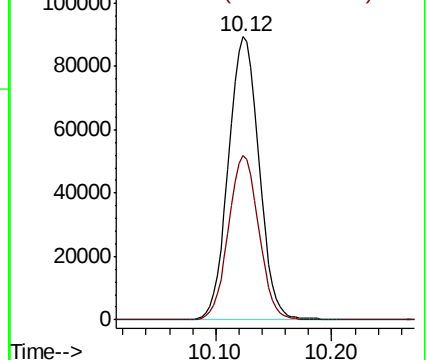
91 100

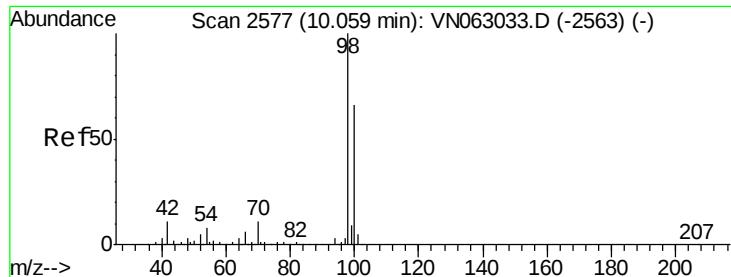
92 57.5 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.249 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

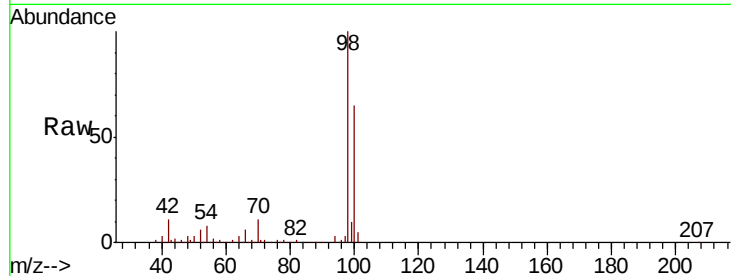
VN0820WBS01

Tot Ion: 98 Resp: 212554

Ion Ratio Lower Upper

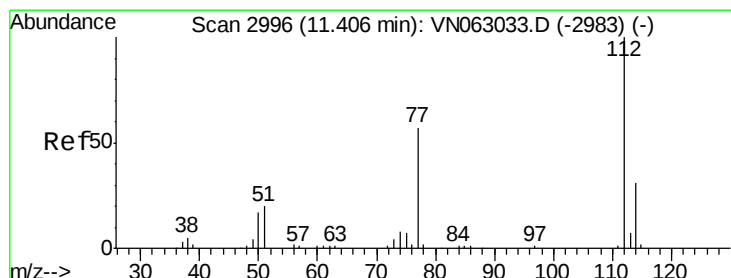
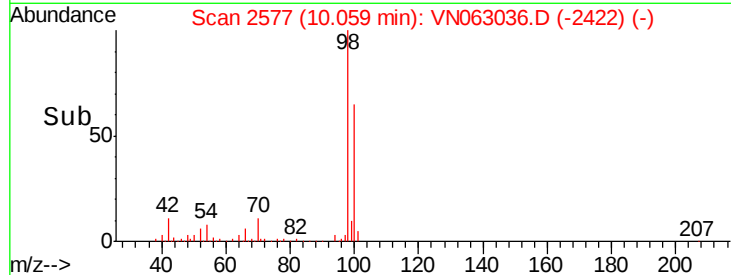
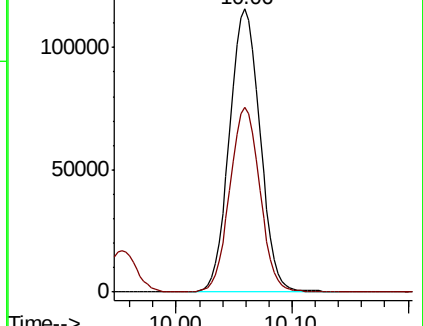
98 100

100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN063036.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN063036.D (-2563) (-)



#64

Chlorobenzene

Concen: 19.861 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063036.D

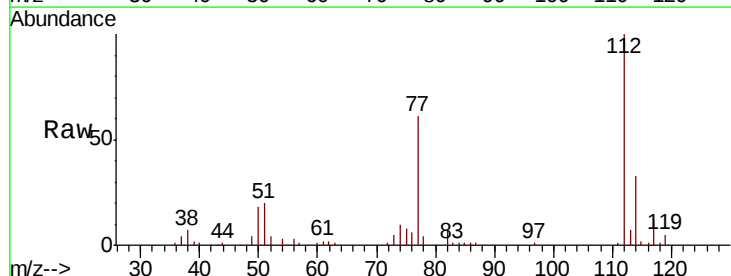
Acq: 20 Aug 2020 14:55

Tgt Ion: 112 Resp: 99724

Ion Ratio Lower Upper

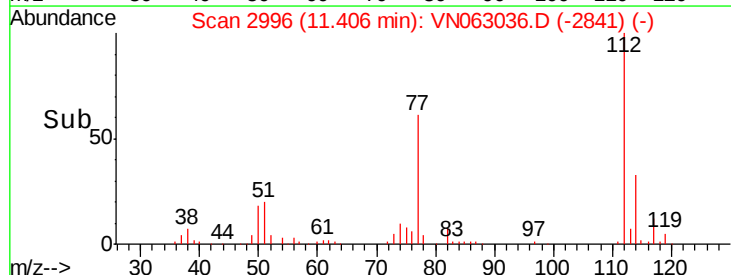
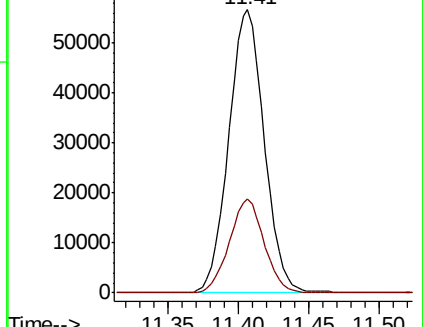
112 100

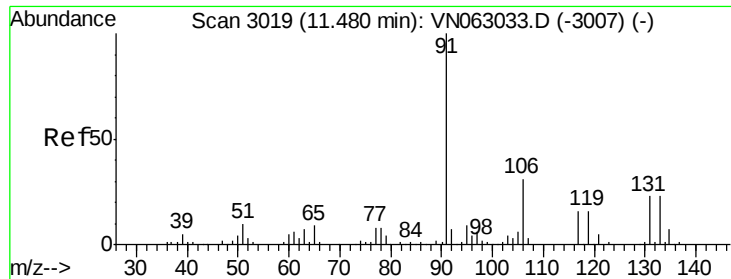
114 33.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN063036.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN063036.D (-2983) (-)

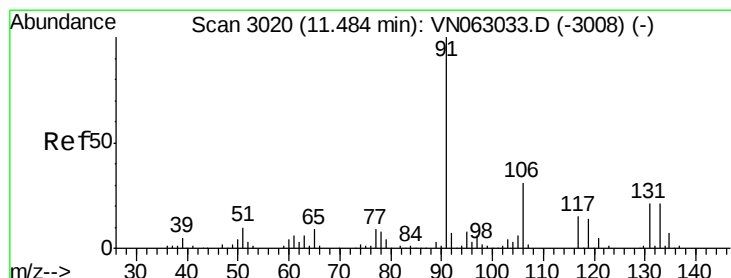
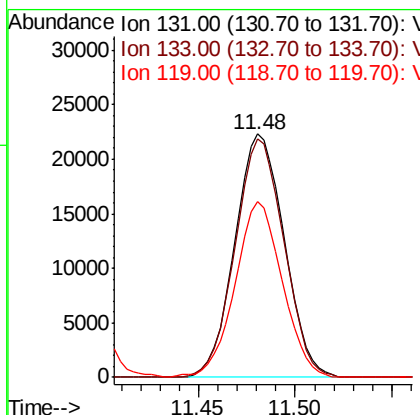
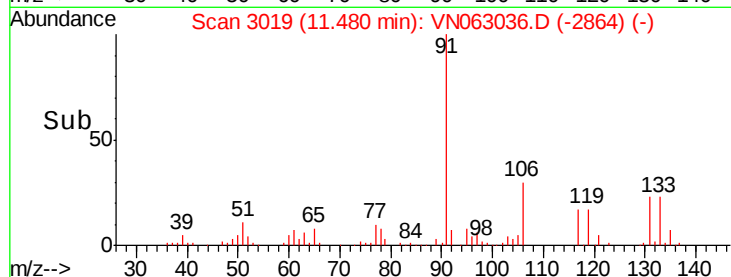
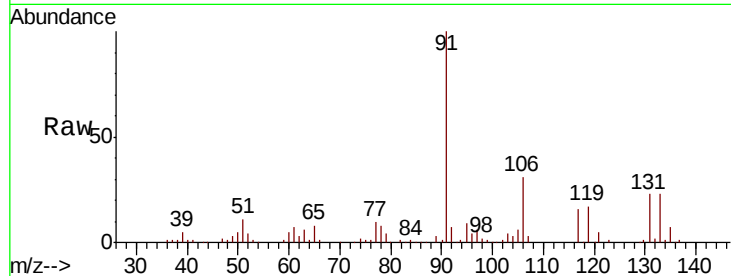




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.923 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

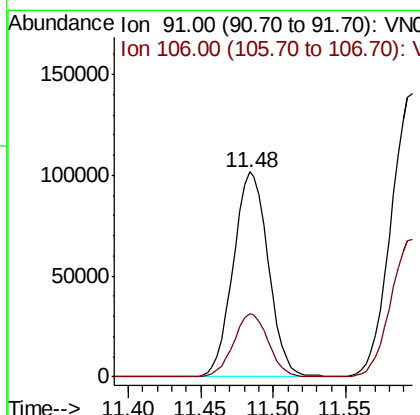
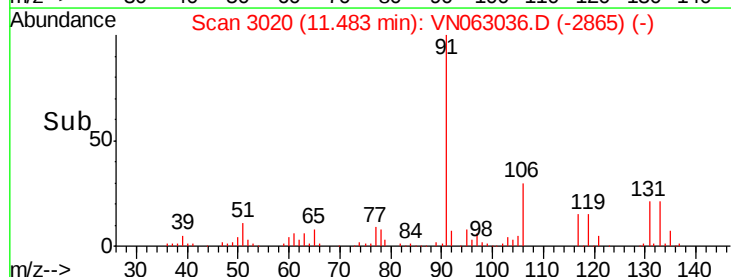
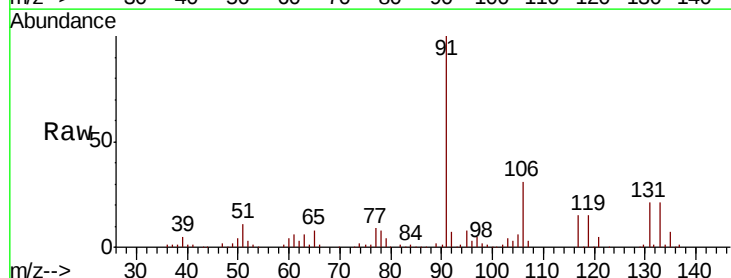
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

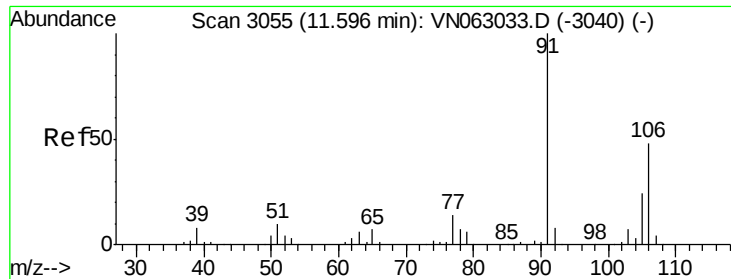
Tot Ion:131 Resp: 39649
 Ion Ratio Lower Upper
 131 100
 133 96.9 0.0 191.2
 119 69.1 0.0 134.2



#66
 Ethyl Benzene
 Concen: 19.368 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 91 Resp: 171317
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.0 37.4

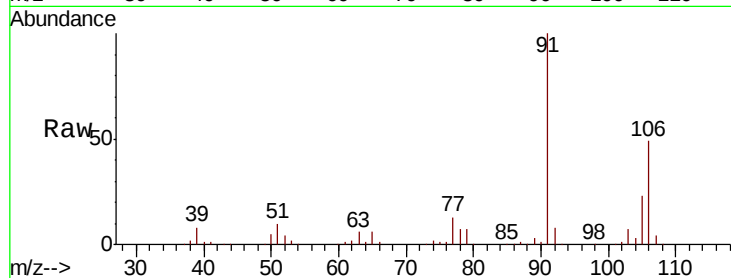




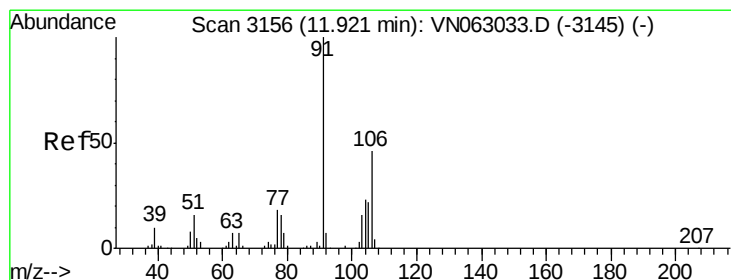
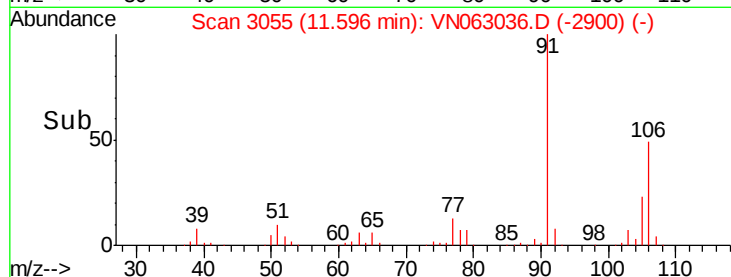
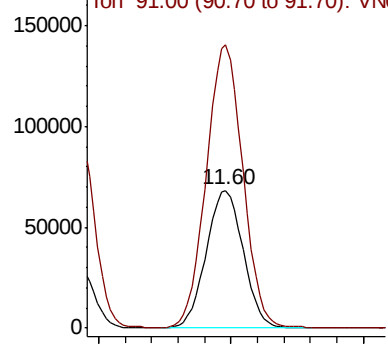
#67
m/p-Xylenes
Concen: 40.017 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

Tot Ion:106 Resp: 132605
Ion Ratio Lower Upper
106 100
91 202.3 164.9 247.3

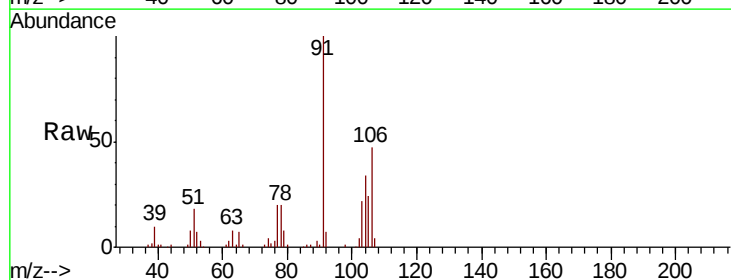


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

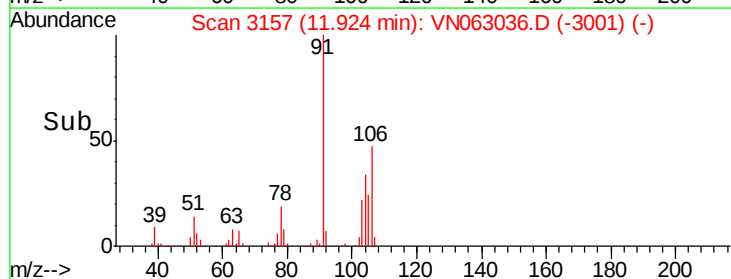
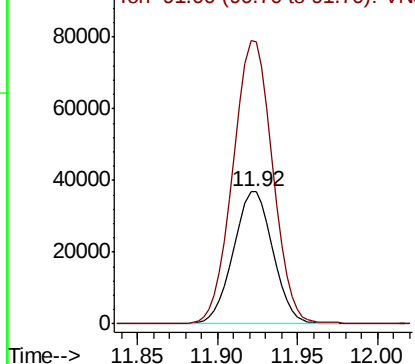


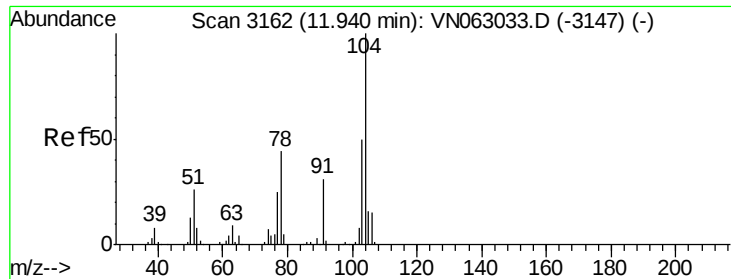
#68
o-Xylene
Concen: 19.524 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:106 Resp: 62149
Ion Ratio Lower Upper
106 100
91 215.5 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

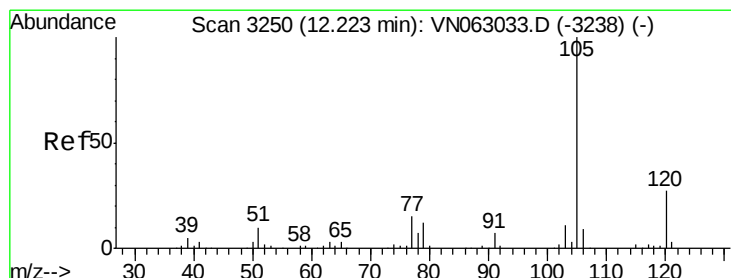
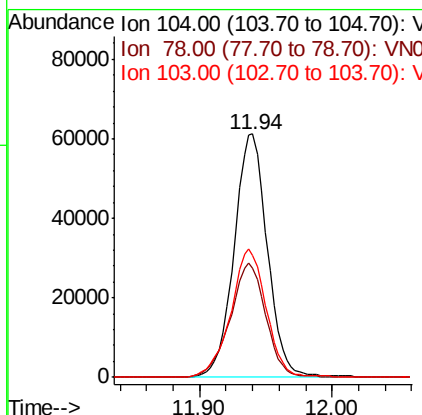
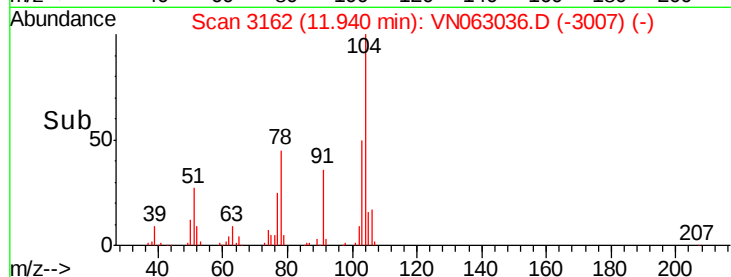
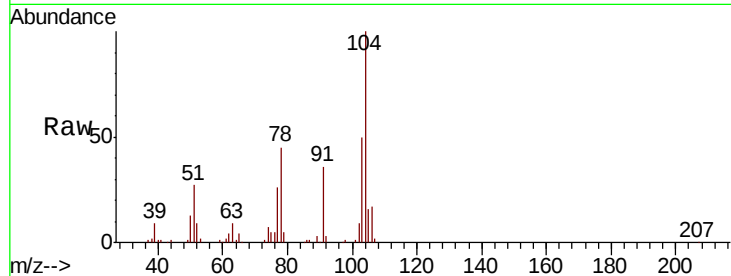




#69
Stvrene
Concen: 19.190 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

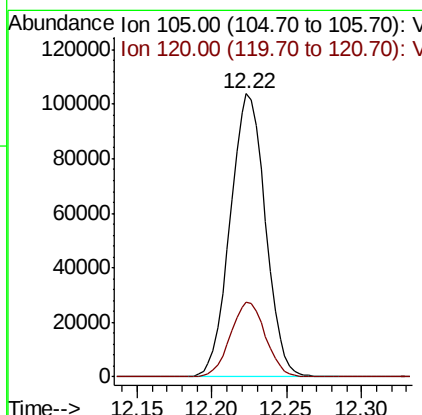
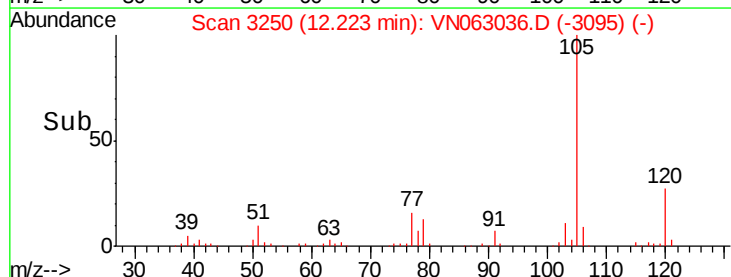
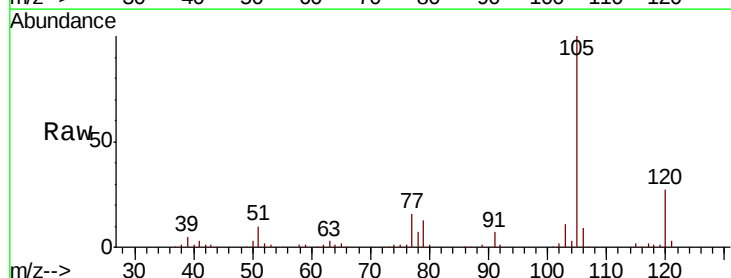
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

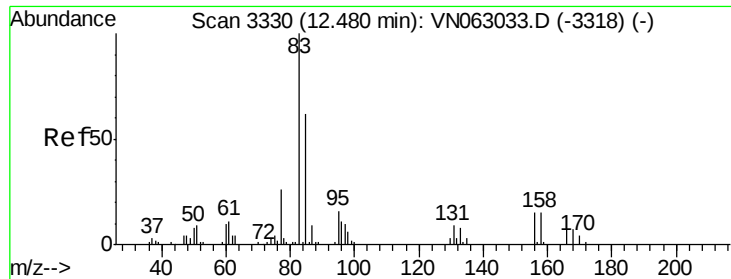
Tot Ion:104 Resp: 106709
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 55.7 44.4 66.6



#70
Isopropylbenzene
Concen: 19.663 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:105 Resp: 170271
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3

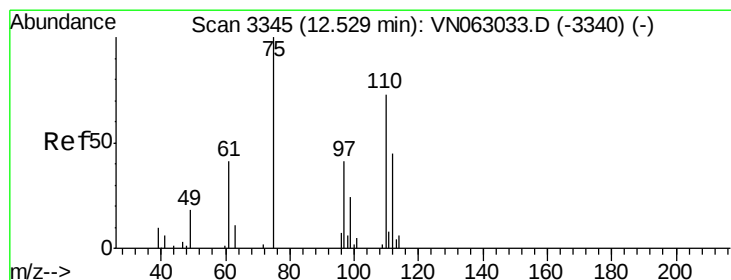
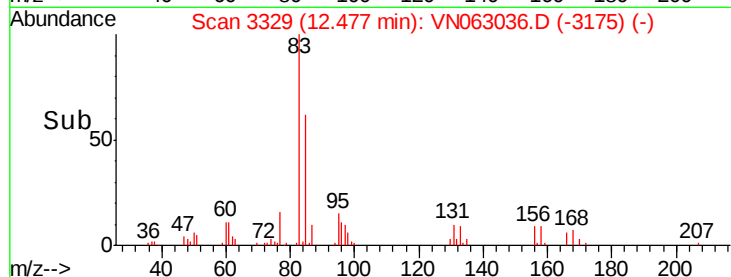
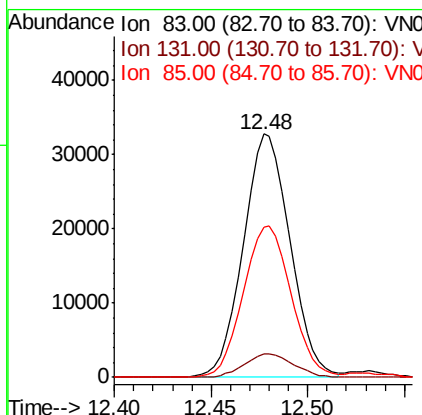
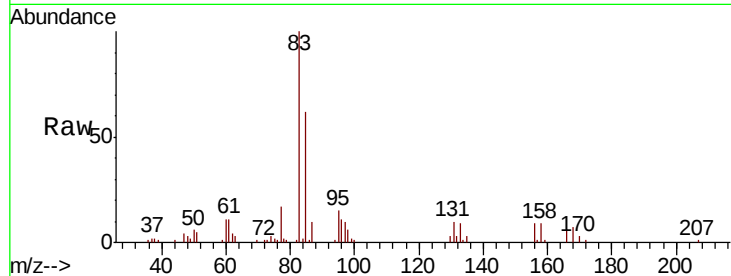




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.851 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

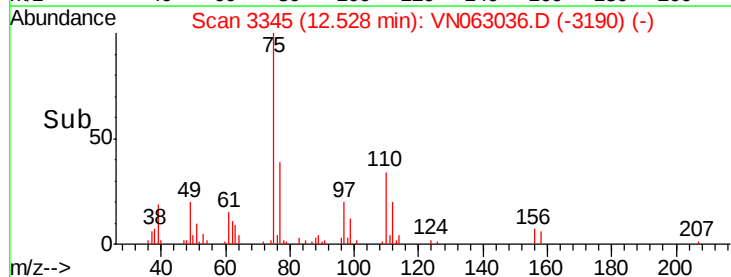
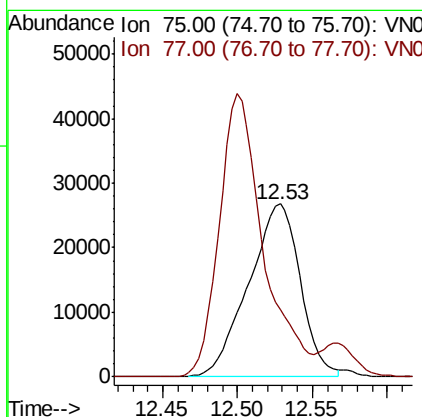
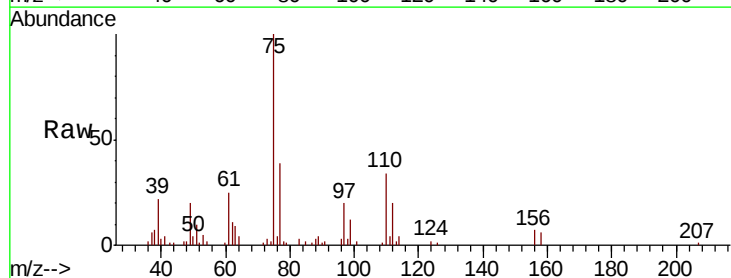
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

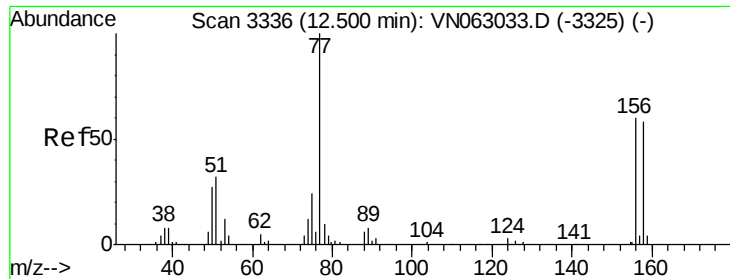
Tot Ion: 83 Resp: 55124
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.5 13.7
 85 63.5 31.8 95.3



#72
 1,2,3-Trichloropropane
 Concen: 26.140 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion: 75 Resp: 64409
 Ion Ratio Lower Upper
 75 100
 77 139.4 0.0 387.8





#73

Bromobenzene

Concen: 19.152 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

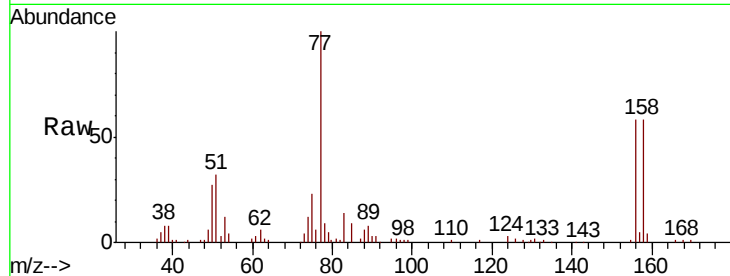
Tot Ion:156 Resp: 44724

Ion Ratio Lower Upper

156 100

77 200.7 0.0 398.6

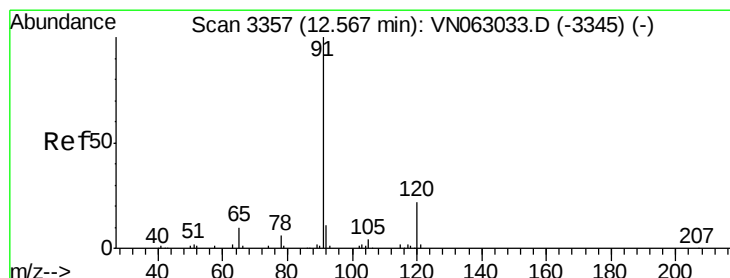
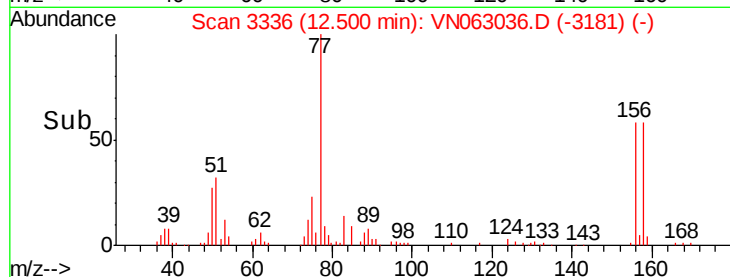
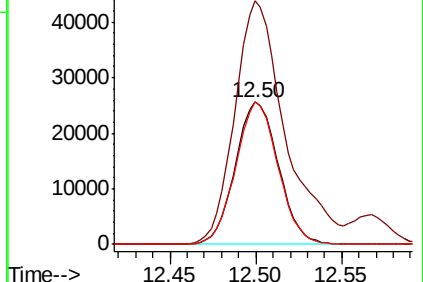
158 98.0 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.197 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063036.D

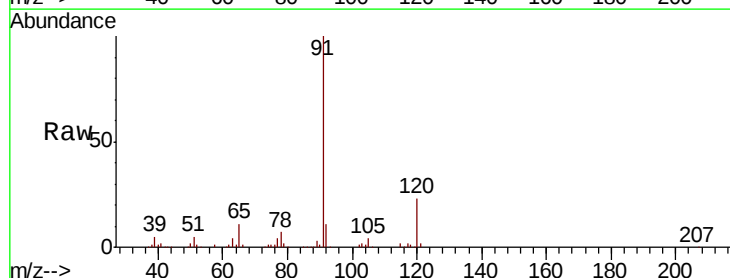
Acq: 20 Aug 2020 14:55

Tgt Ion: 91 Resp: 199401

Ion Ratio Lower Upper

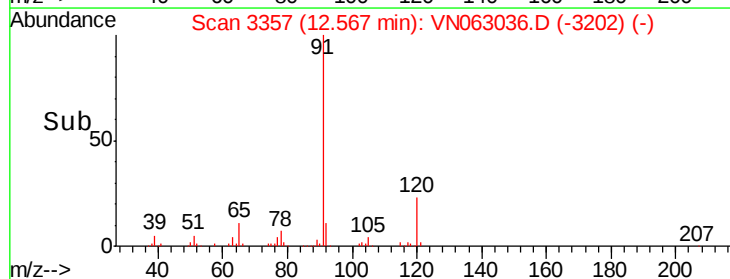
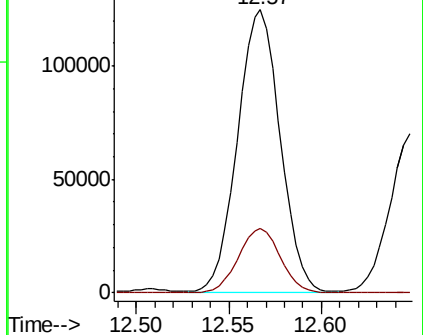
91 100

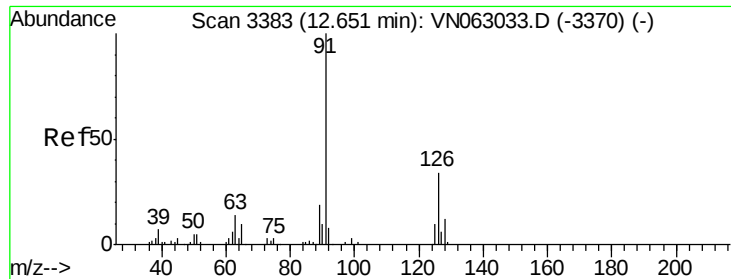
120 22.4 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.531 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

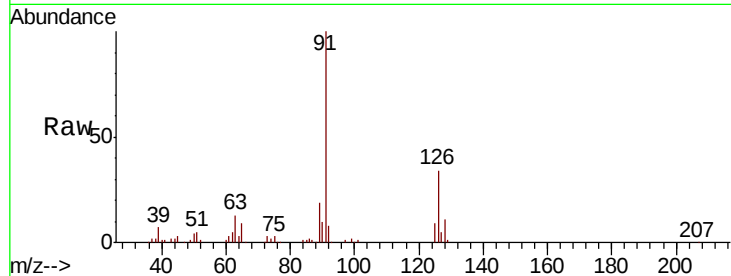
VN0820WBS01

Tot Ion: 91 Resp: 120915

Ion Ratio Lower Upper

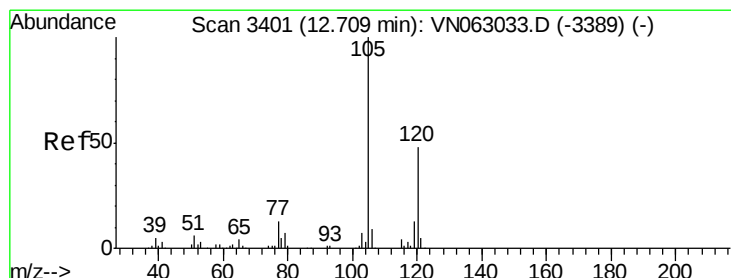
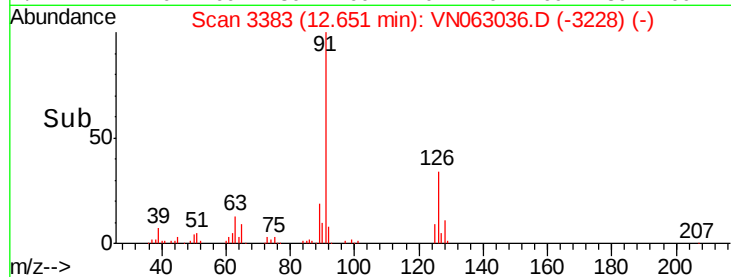
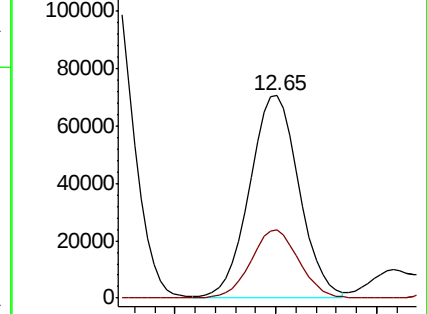
91 100

126 32.9 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.365 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063036.D

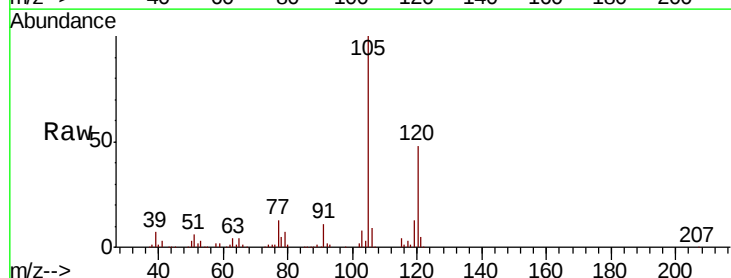
Acq: 20 Aug 2020 14:55

Tgt Ion:105 Resp: 143103

Ion Ratio Lower Upper

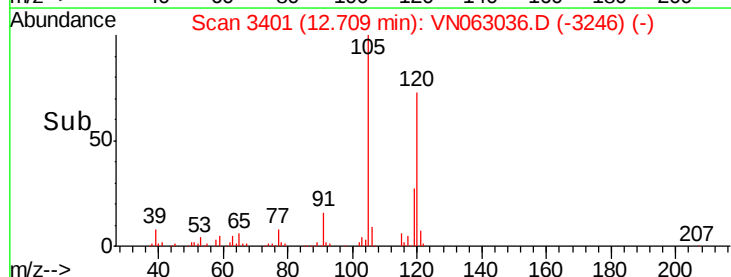
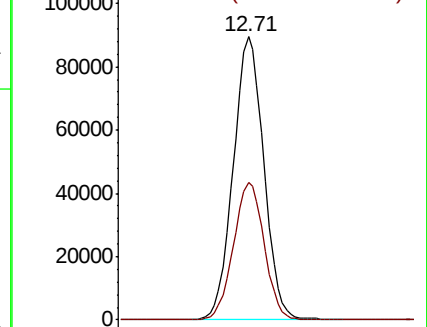
105 100

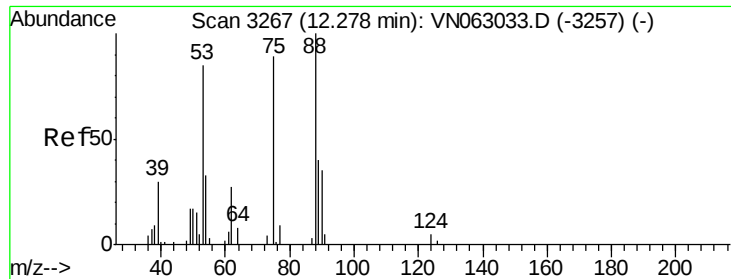
120 48.8 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.648 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

VN0820WBS01

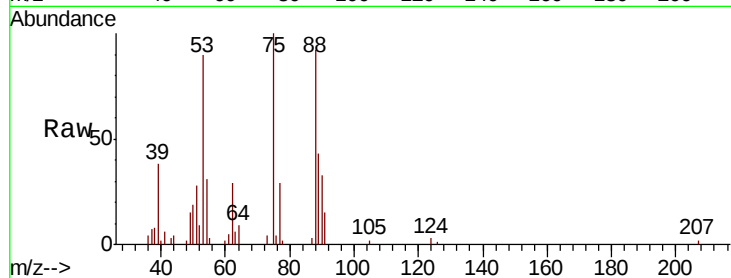
Tot Ion: 75 Resp: 16240

Ion Ratio Lower Upper

75 100

53 89.9 47.0 141.0

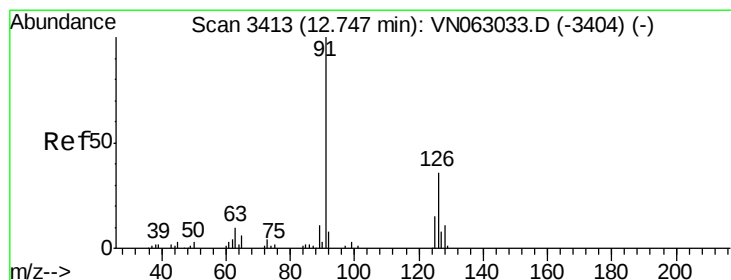
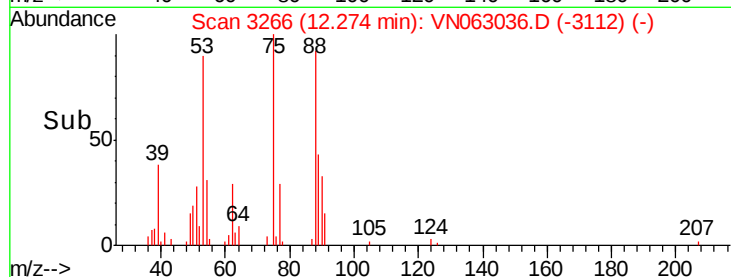
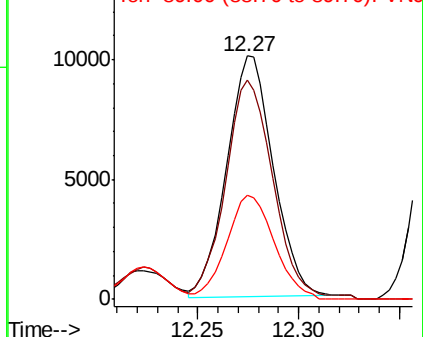
89 43.7 22.9 68.7



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.414 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063036.D

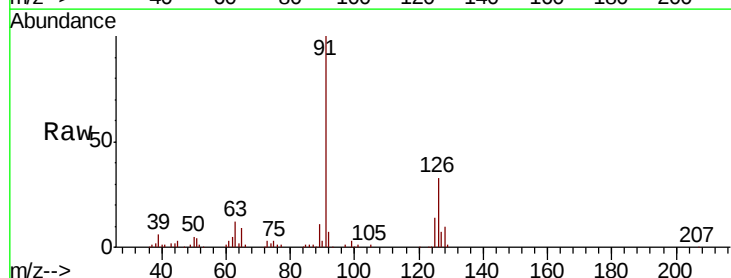
Acq: 20 Aug 2020 14:55

Tgt Ion: 91 Resp: 123920

Ion Ratio Lower Upper

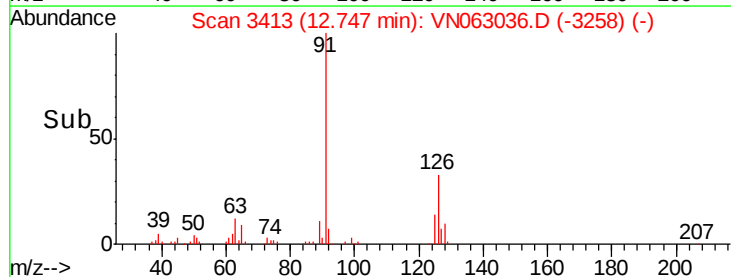
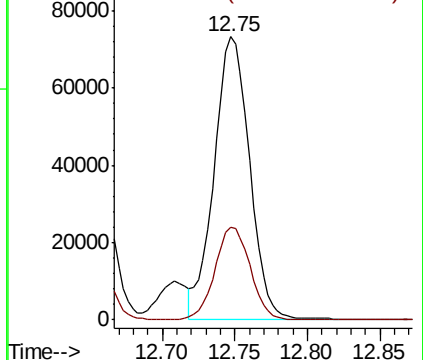
91 100

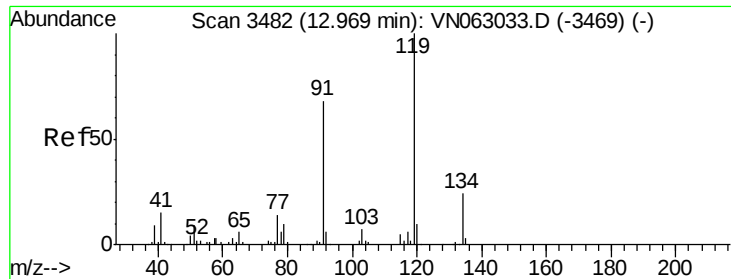
126 32.7 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

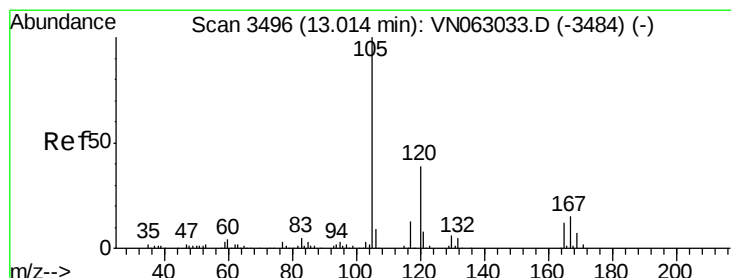
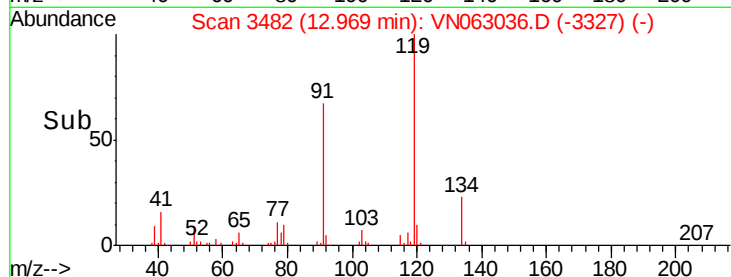
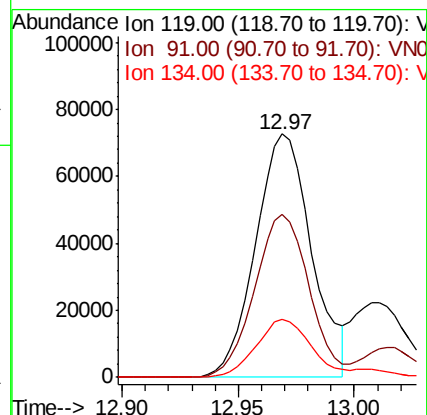
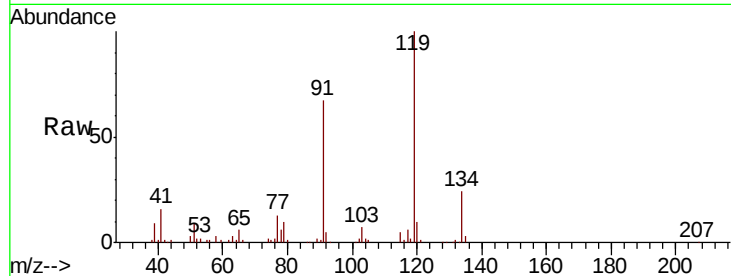




#79
tert-butylbenzene
Concen: 19.710 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

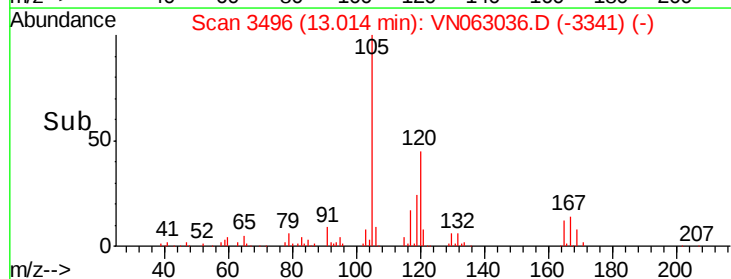
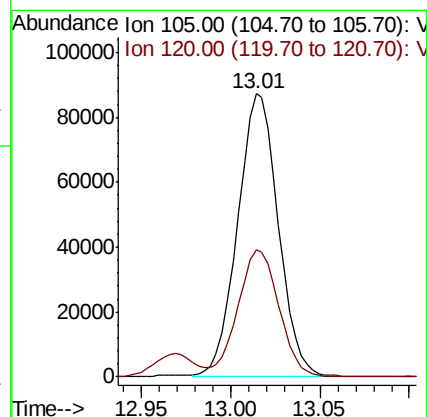
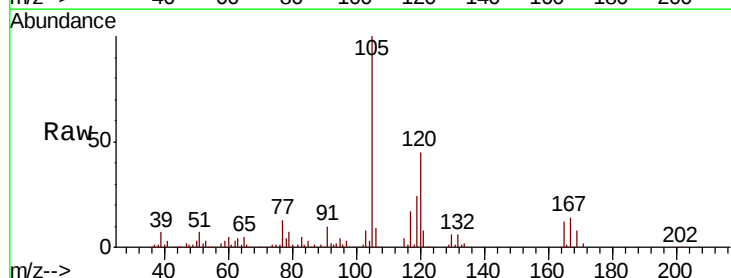
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBS01

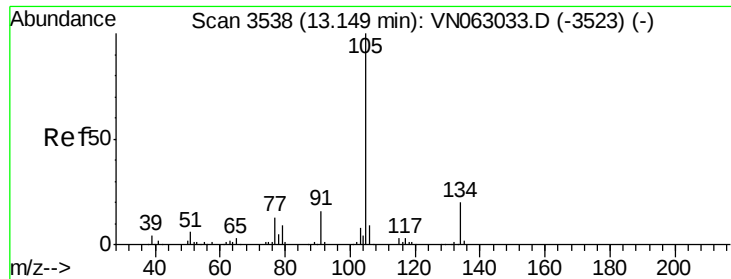
Tot Ion:119 Resp: 122556
Ion Ratio Lower Upper
119 100
91 65.4 0.0 136.8
134 23.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.322 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion:105 Resp: 138992
Ion Ratio Lower Upper
105 100
120 45.7 0.0 90.4





#81

sec-Butylbenzene

Concen: 19.532 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

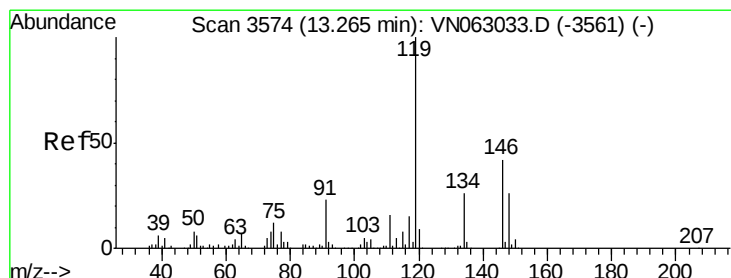
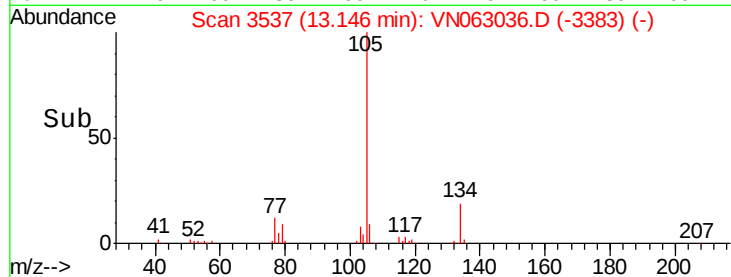
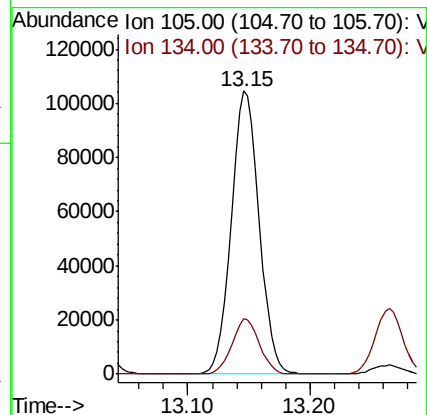
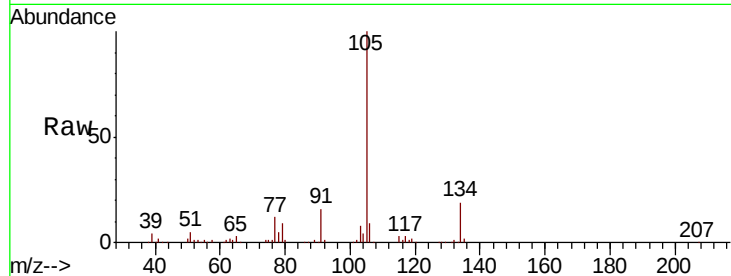
VN0820WBS01

Tot Ion:105 Resp: 167298

Ion Ratio Lower Upper

105 100

134 19.3 0.0 39.4



#82

p-Isopropyltoluene

Concen: 18.964 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

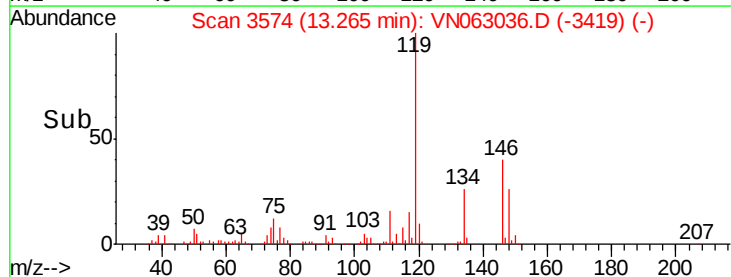
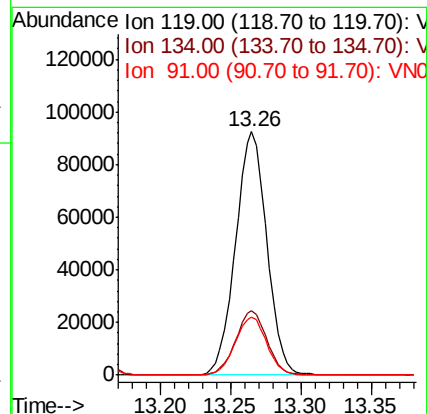
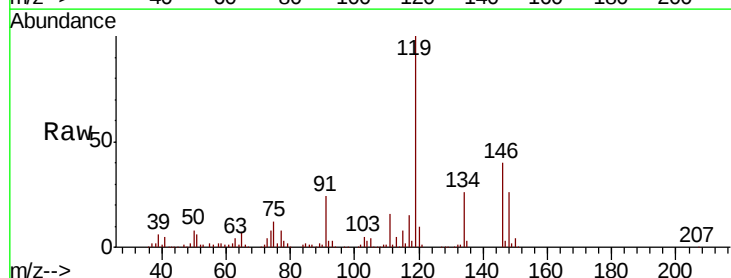
Tgt Ion:119 Resp: 143999

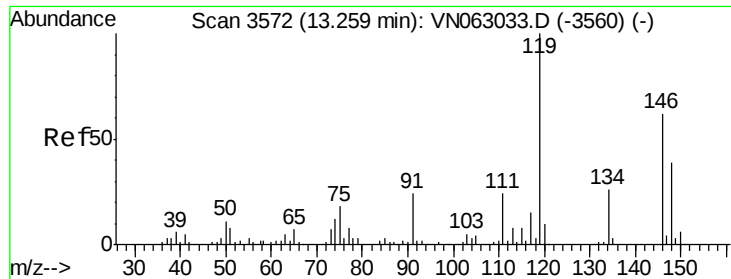
Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.2

91 24.2 0.0 46.2





#83

1,3-Dichlorobenzene

Concen: 18.956 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

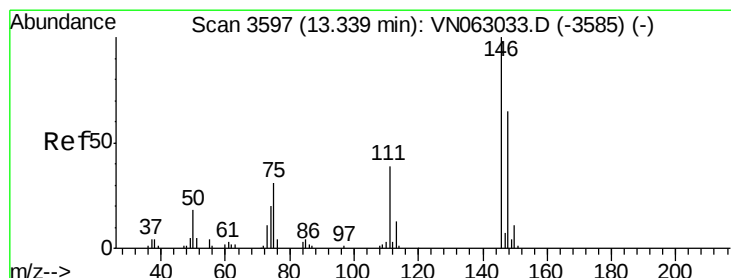
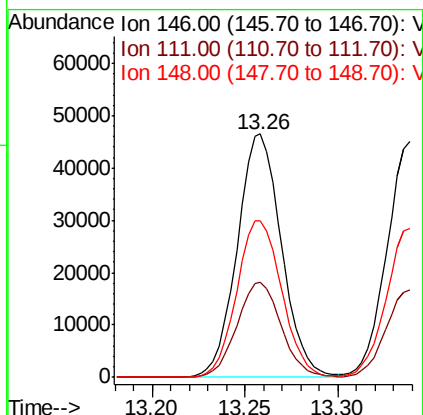
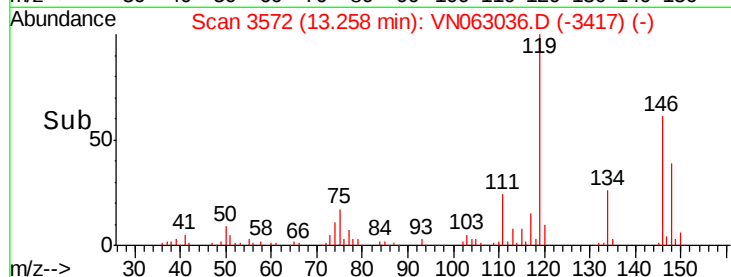
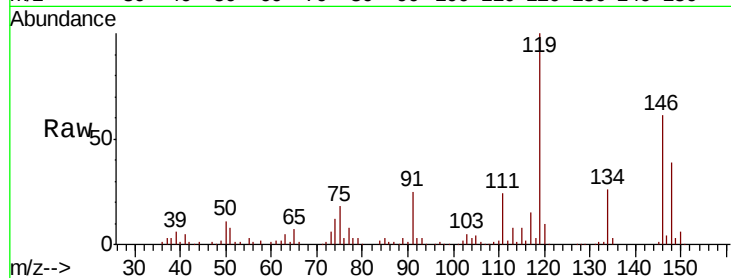
Tot Ion:146 Resp: 77290

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.1

148 65.6 31.5 94.5



#84

1,4-Dichlorobenzene

Concen: 19.109 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

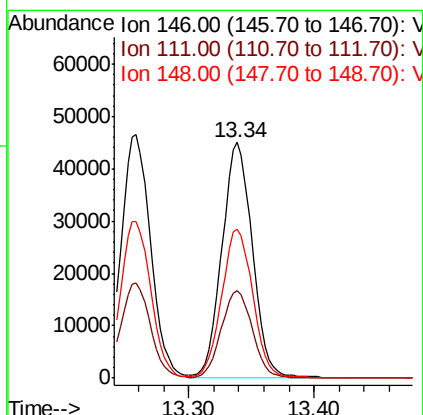
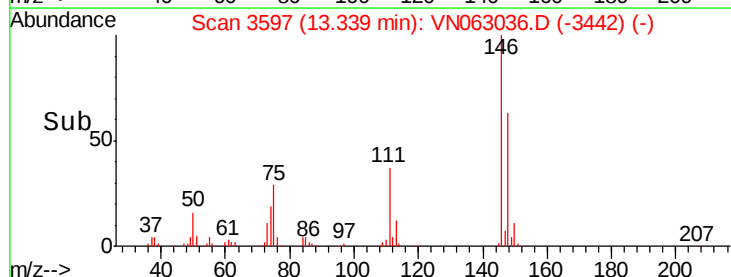
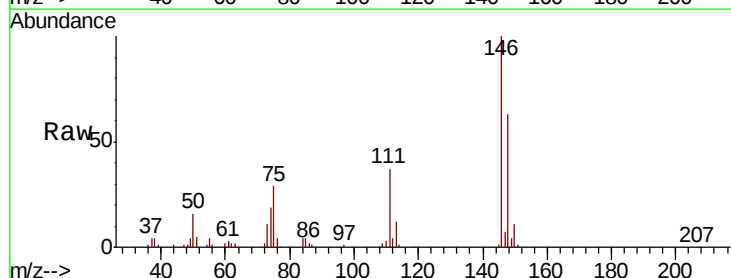
Tgt Ion:146 Resp: 76149

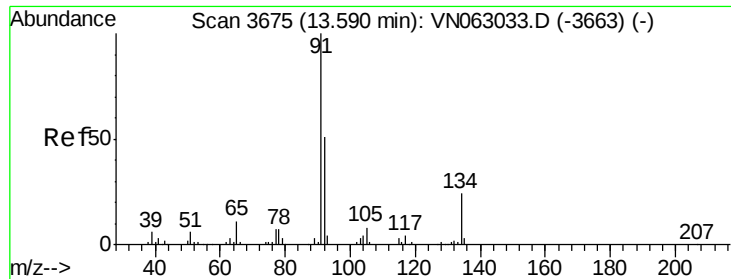
Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

148 63.6 31.6 94.8

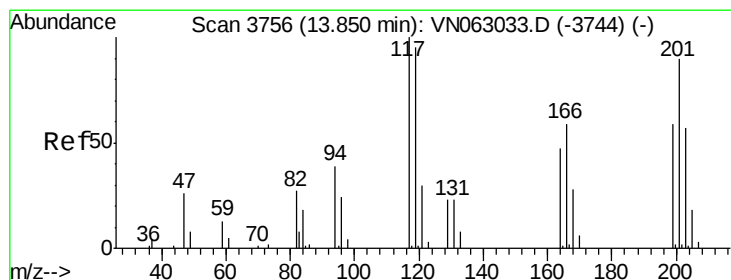
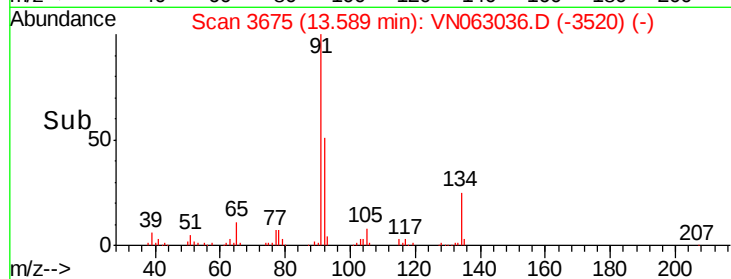
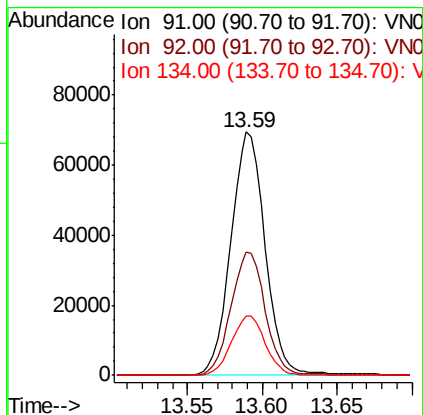
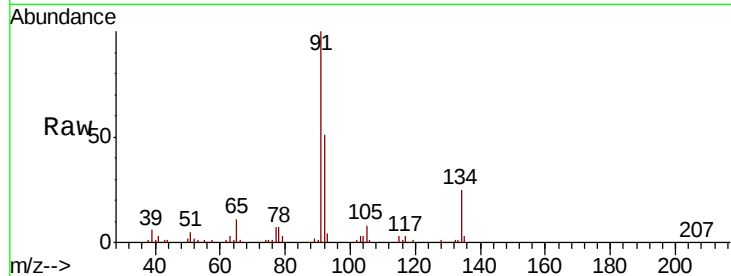




#85
n-Butylbenzene
Concen: 17.544 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

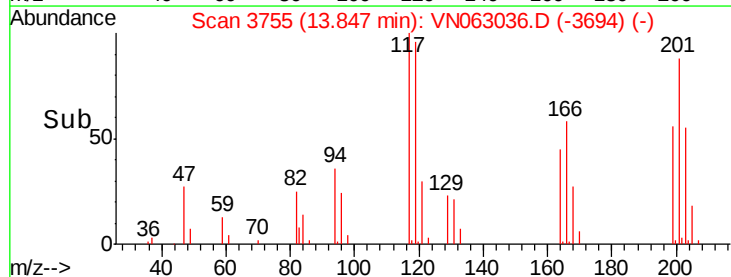
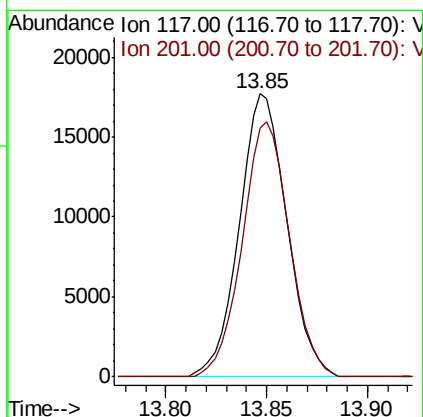
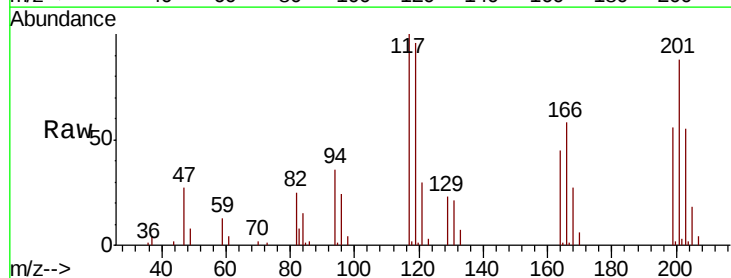
Instrument :
MSVOA_N
ClientSampled :
VN0820WBS01

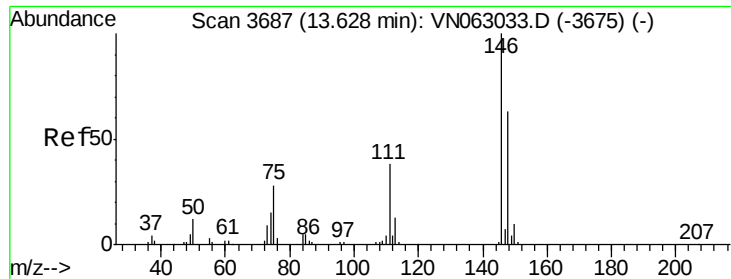
Tot Ion: 91 Resp: 110705
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.2 0.0 47.4



#86
Hexachloroethane
Concen: 19.582 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063036.D
Acq: 20 Aug 2020 14:55

Tgt Ion: 117 Resp: 29285
Ion Ratio Lower Upper
117 100
201 89.1 46.1 138.3

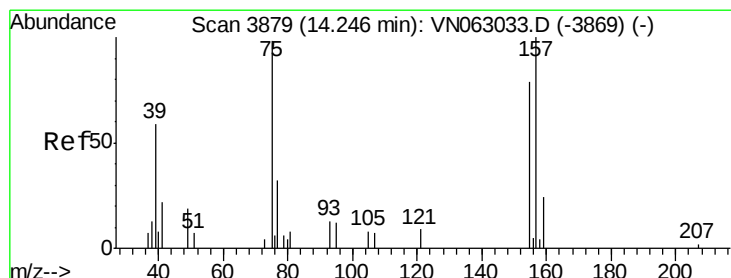
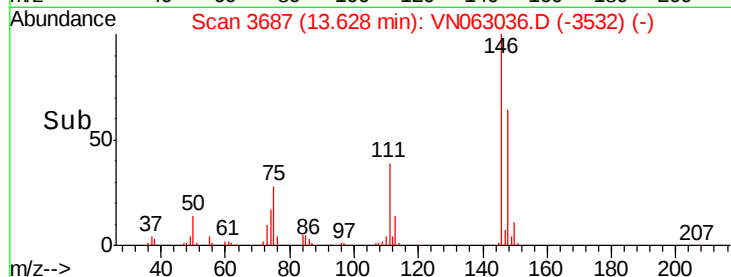
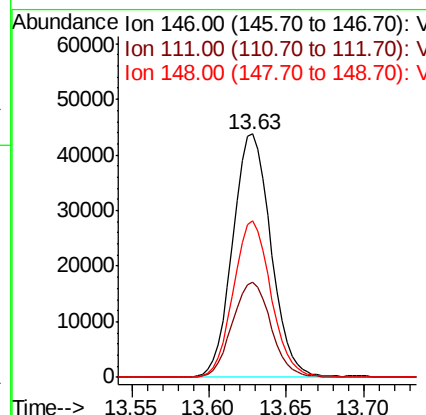
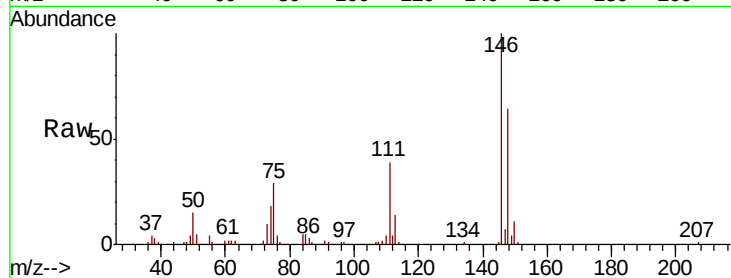




#87
 1,2-Dichlorobenzene
 Concen: 19.281 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

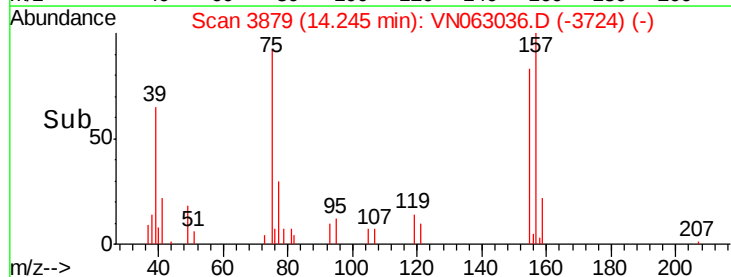
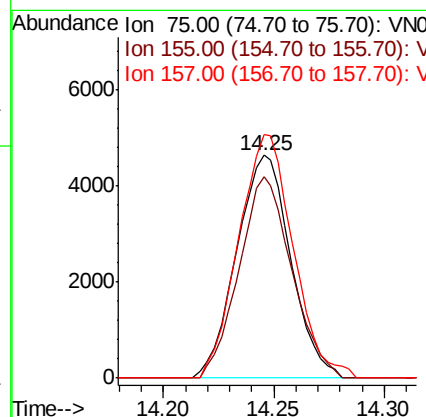
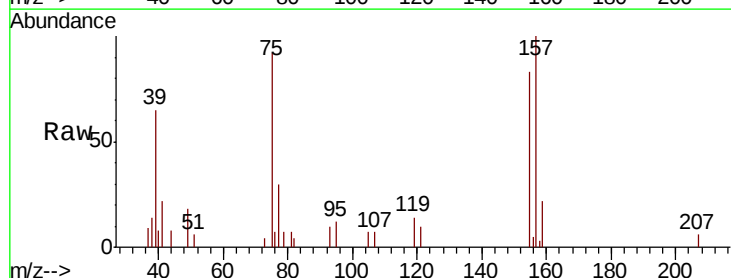
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

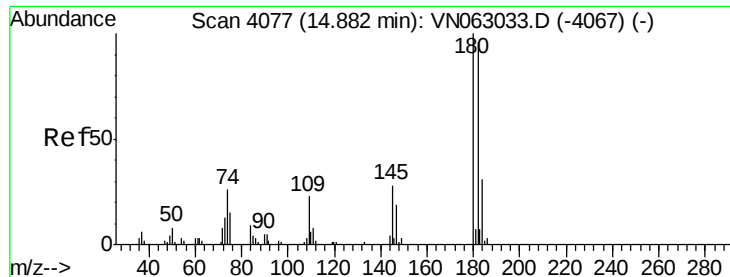
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	63.2	31.8	95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.897 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	64.8	97.2
157	110.5	81.2	121.8

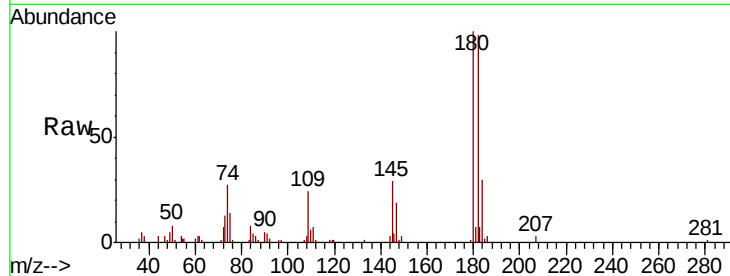




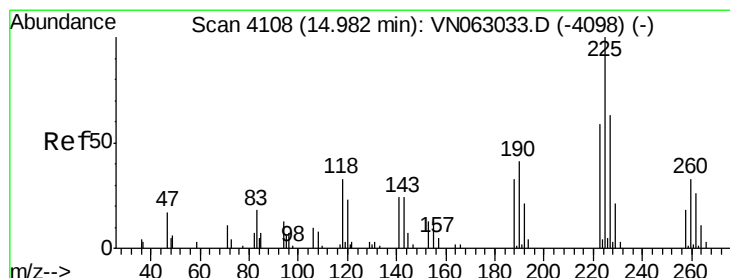
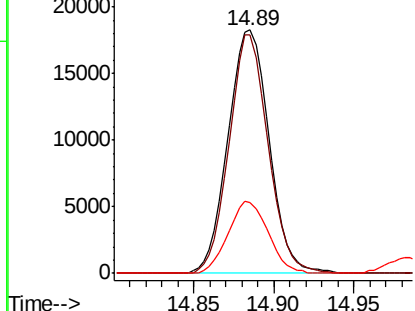
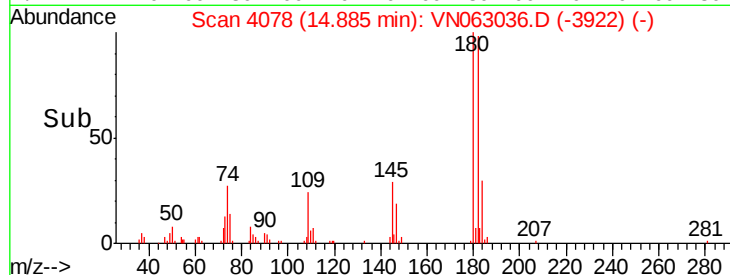
#89
 1,2,4-Trichlorobenzene
 Concen: 16.617 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBS01

Tot Ion:180 Resp: 32022
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.9 115.3
 145 28.6 21.9 32.9

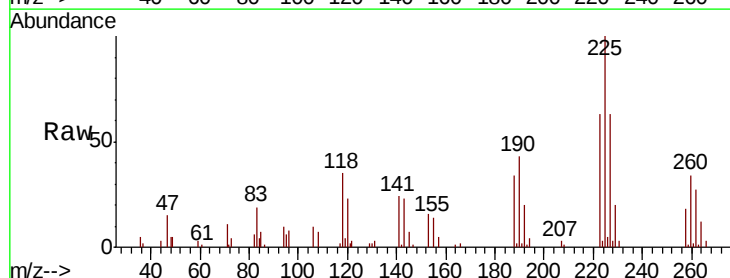


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

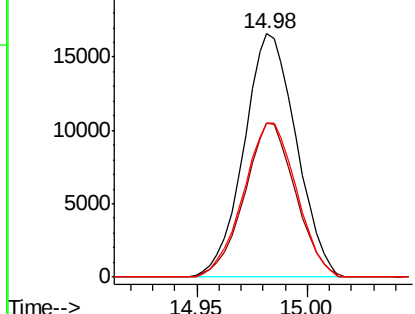
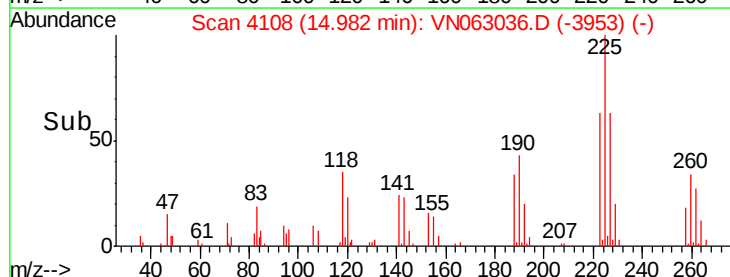


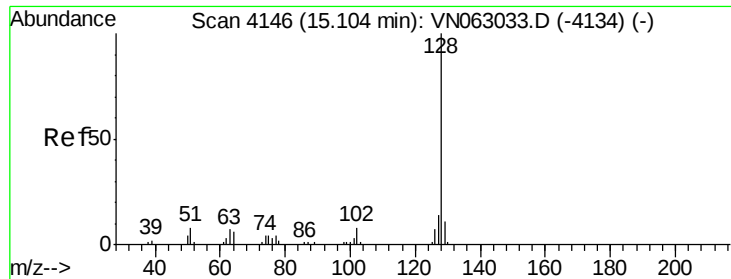
#90
 Hexachlorobutadiene
 Concen: 19.109 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063036.D
 Acq: 20 Aug 2020 14:55

Tgt Ion:225 Resp: 27256
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 122.8
 227 64.1 0.0 125.6



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 14.841 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBS01

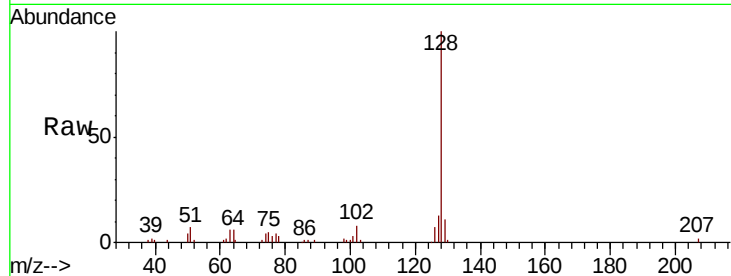
Tot Ion:128 Resp: 63194

Ion Ratio Lower Upper

128 100

127 13.2 11.1 16.7

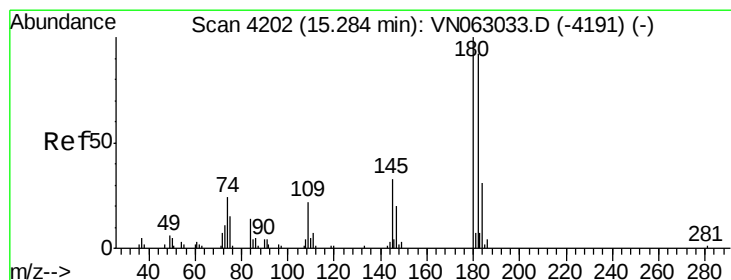
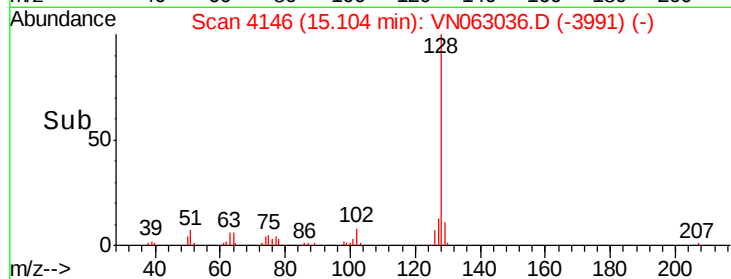
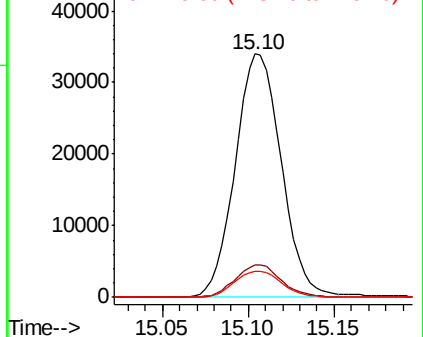
129 11.0 8.4 12.6



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



#92

1,2,3-Trichlorobenzene

Concen: 16.932 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN063036.D

Acq: 20 Aug 2020 14:55

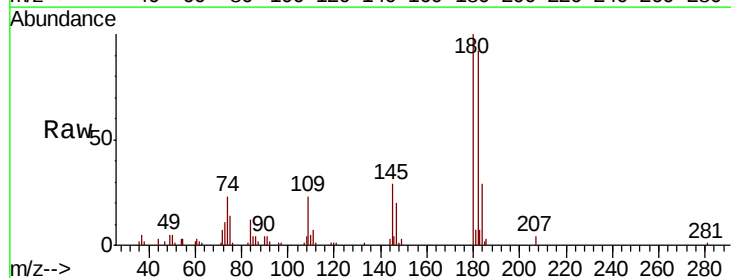
Tgt Ion:180 Resp: 32576

Ion Ratio Lower Upper

180 100

182 94.8 0.0 188.0

145 30.1 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

