

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062404.D
 Acq On : 8 Jul 2020 13:09
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Quant Time: Jul 09 02:20:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	147176	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
35) Dibromofluoromethane	7.55	113	104011	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
50) Toluene-d8	10.06	98	415802	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.37	95	153908	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	114426	52.427	ug/l	98
3) Chloromethane	2.04	50	173640	49.582	ug/l	99
4) Vinyl Chloride	2.16	62	145650	50.764	ug/l	98
5) Bromomethane	2.52	94	80059	51.955	ug/l	95
6) Chloroethane	2.66	64	86468	51.743	ug/l	97
7) Trichlorofluoromethane	2.98	101	191323	52.504	ug/l	100
8) Diethyl Ether	3.37	74	84903	52.106	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	114801	53.145	ug/l	99
10) Methyl Iodide	3.91	142	143218	50.212	ug/l	100
11) Tert butyl alcohol	4.73	59	128397	234.853	ug/l	98
12) 1,1-Dichloroethene	3.70	96	112805	51.292	ug/l	100
13) Acrolein	3.56	56	91237	231.339	ug/l	99
14) Allyl chloride	4.27	41	268575	51.924	ug/l	99
15) Acrylonitrile	4.93	53	374879	261.451	ug/l	100
16) Acetone	3.77	43	393952	281.547	ug/l	100
17) Carbon Disulfide	4.01	76	348800	50.613	ug/l	100
18) Methyl Acetate	4.27	43	172598	49.428	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	431939	51.802	ug/l	99
20) Methylene Chloride	4.50	84	140487	46.959	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	124032	52.057	ug/l	96
22) Diisopropyl ether	5.90	45	538508	52.696	ug/l	96
23) Vinyl Acetate	5.84	43	2255337	266.420	ug/l	99
24) 1,1-Dichloroethane	5.80	63	272909	51.681	ug/l	99
25) 2-Butanone	6.78	43	547040	267.697	ug/l	100
26) 2,2-Dichloropropane	6.77	77	215183	53.146	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	143973	52.169	ug/l	99
28) Bromochloromethane	7.15	49	138748	48.362	ug/l	100
29) Tetrahydrofuran	7.17	42	355076	258.087	ug/l	98
30) Chloroform	7.33	83	249860	52.405	ug/l	98
31) Cyclohexane	7.61	56	246461	49.233	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	202609	51.087	ug/l	99
36) 1,1-Dichloropropene	7.75	75	191159	52.475	ug/l	99
37) Ethyl Acetate	6.88	43	215422	50.573	ug/l	100
38) Carbon Tetrachloride	7.73	117	173203	52.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	219705	56.492	ug/l	98
40) Benzene	8.00	78	568745	52.974	ug/l	99
41) Methacrylonitrile	7.13	41	113533	63.793	ug/l	87
42) 1,2-Dichloroethane	8.09	62	212242	53.989	ug/l	100
43) Isopropyl Acetate	8.12	43	361159	53.671	ug/l	99
44) Trichloroethene	8.80	130	128297	53.859	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165530	53.110	ug/l	100
46) Dibromomethane	9.18	93	93981	53.434	ug/l	98
47) Bromodichloromethane	9.37	83	202755	53.919	ug/l	100
48) Methyl methacrylate	9.17	41	178197	53.986	ug/l	99
49) 1,4-Dioxane	9.17	88	50017	1041.070	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1088367	270.796	ug/l	100
52) Toluene	10.12	92	337556	54.432	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	235303	55.853	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	256630	55.210	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	131614	53.961	ug/l	96
56) Ethyl methacrylate	10.40	69	229581	51.107	ug/l	99
57) 1,3-Dichloropropane	10.68	76	243446	54.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	373712	258.267	ug/l	99
59) 2-Hexanone	10.72	43	812353	278.415	ug/l	99
60) Dibromochloromethane	10.87	129	143360	54.208	ug/l	100
61) 1,2-Dibromoethane	10.98	107	133879	54.375	ug/l	98
64) Tetrachloroethene	10.60	164	104019	52.184	ug/l	98
65) Chlorobenzene	11.41	112	347912	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	128312	53.296	ug/l	100
67) Ethyl Benzene	11.48	91	660454	53.894	ug/l	100
68) m/p-Xylenes	11.59	106	471235	108.623	ug/l	99
69) o-Xylene	11.92	106	228226	54.032	ug/l	99
70) Styrene	11.94	104	389349	55.774	ug/l	99
71) Bromoform	12.10	173	97537	55.265	ug/l #	100
73) Isopropylbenzene	12.22	105	616358	51.950	ug/l	100
74) N-amyl acetate	12.04	43	321606	55.692	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200418	50.239	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	268998	71.503	ug/l #	100
77) Bromobenzene	12.50	156	140209	51.982	ug/l	97
78) n-propylbenzene	12.56	91	739554	53.363	ug/l	100
79) 2-Chlorotoluene	12.65	91	436740	51.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	517741	53.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	73381	52.209	ug/l	99
82) 4-Chlorotoluene	12.75	91	457034	53.521	ug/l	100
83) tert-Butylbenzene	12.97	119	420422	50.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	513880	53.154	ug/l	100
85) sec-Butylbenzene	13.15	105	582638	53.270	ug/l	100
86) p-Isopropyltoluene	13.26	119	513253	54.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	251793	54.112	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	250110	52.238	ug/l	99
89) n-Butylbenzene	13.59	91	462564	55.496	ug/l	100
90) Hexachloroethane	13.85	117	97606	52.563	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	242682	53.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37514	51.530	ug/l	100

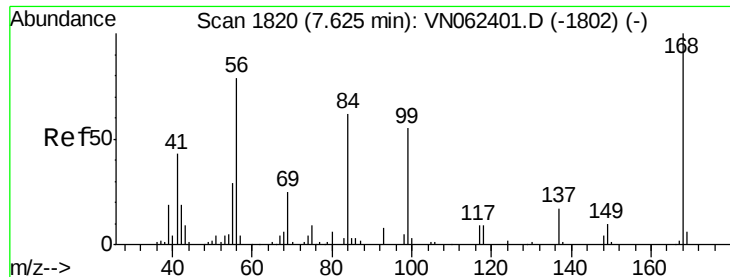
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124203	57.117	ug/l	97
94) Hexachlorobutadiene	14.98	225	67009	56.096	ug/l	98
95) Naphthalene	15.10	128	321186	54.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122892	50.682	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

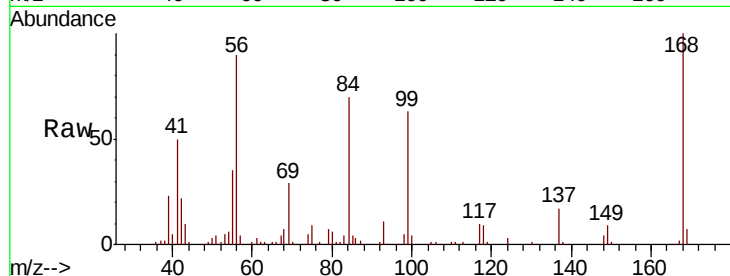
ICVVN070820

Tot Ion:168 Resp: 214272

Ion Ratio Lower Upper

168 100

99 62.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

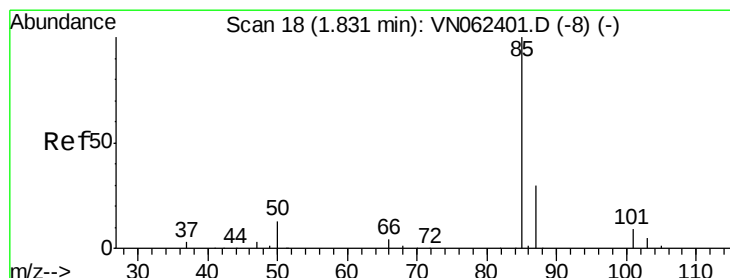
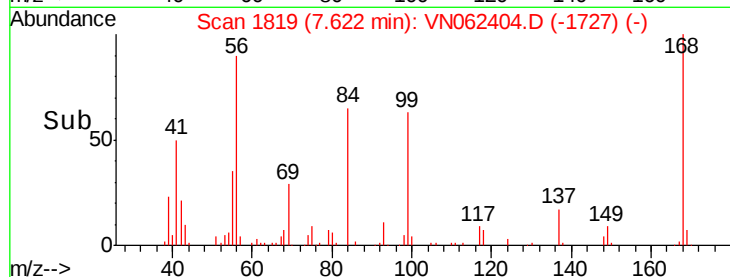
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.427 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062404.D

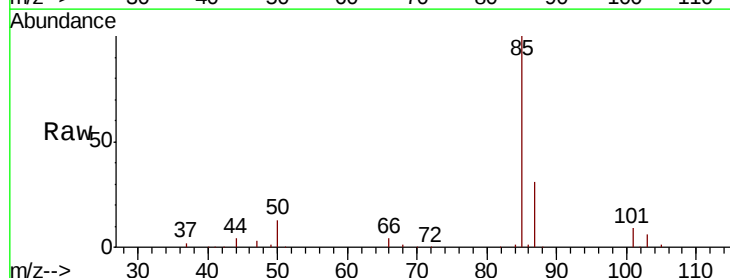
Acq: 8 Jul 2020 13:09

Tgt Ion: 85 Resp: 114426

Ion Ratio Lower Upper

85 100

87 31.2 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

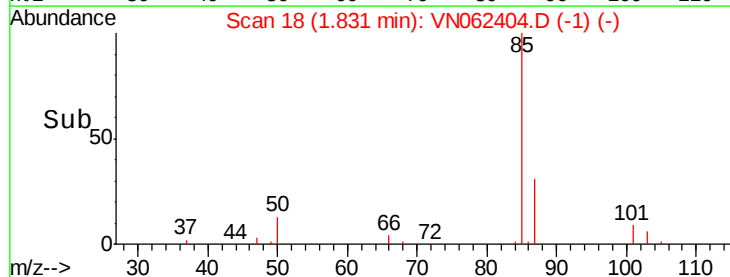
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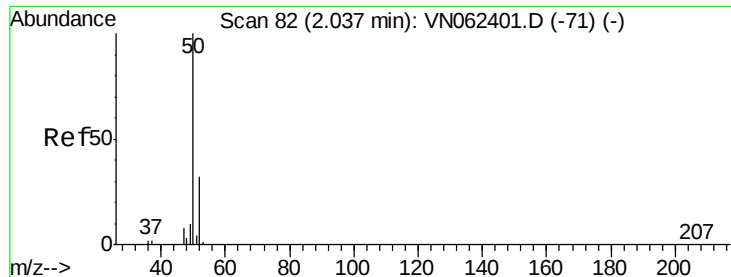
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 49.582 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

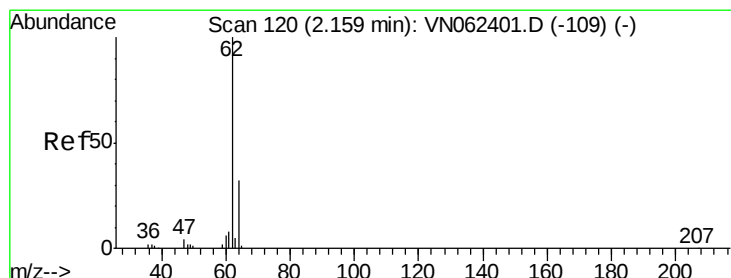
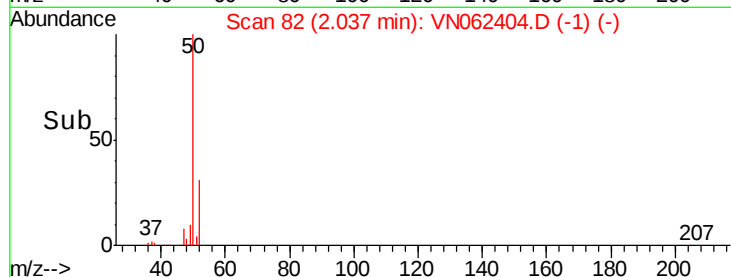
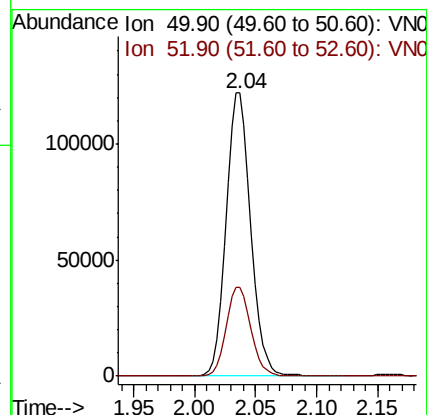
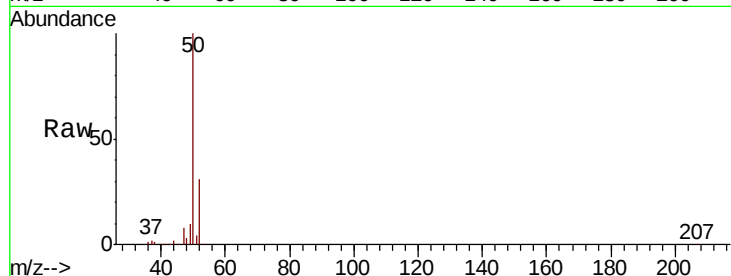
ICVVN070820

Tot Ion: 50 Resp: 173640

Ion Ratio Lower Upper

50 100

52 31.5 25.5 38.3



#4

Vinyl Chloride

Concen: 50.764 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062404.D

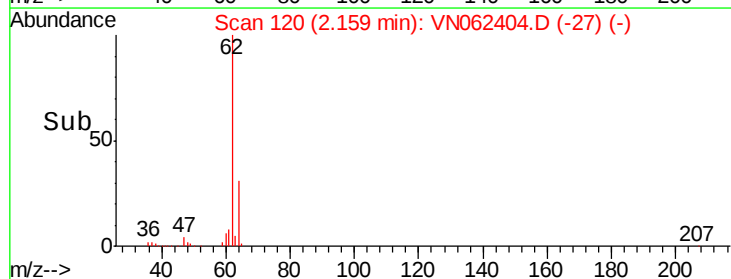
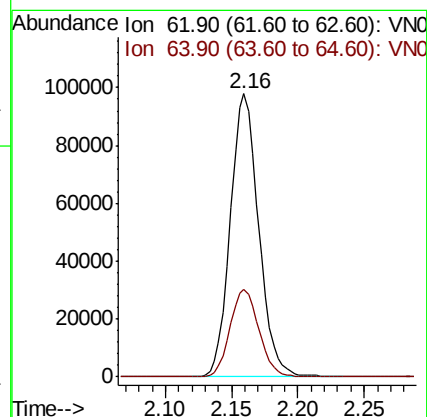
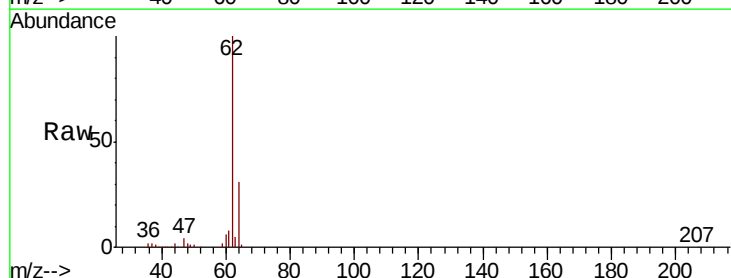
Acq: 8 Jul 2020 13:09

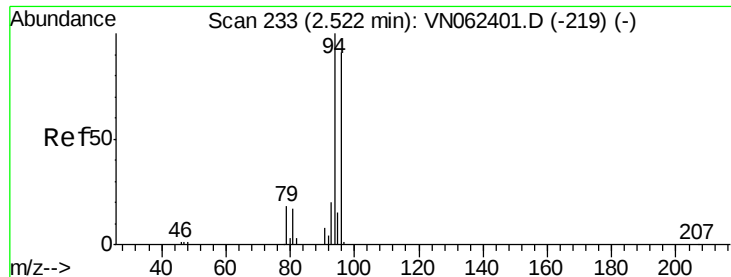
Tgt Ion: 62 Resp: 145650

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 51.955 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

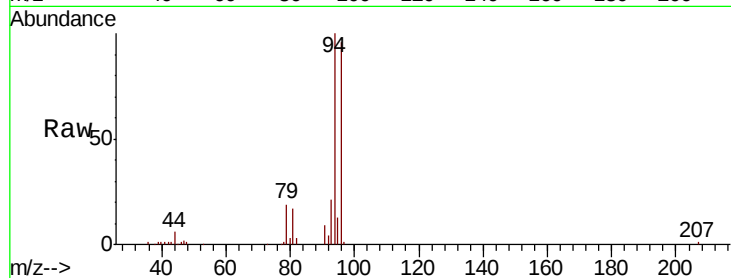
ICVVN070820

Tot Ion: 94 Resp: 80059

Ion Ratio Lower Upper

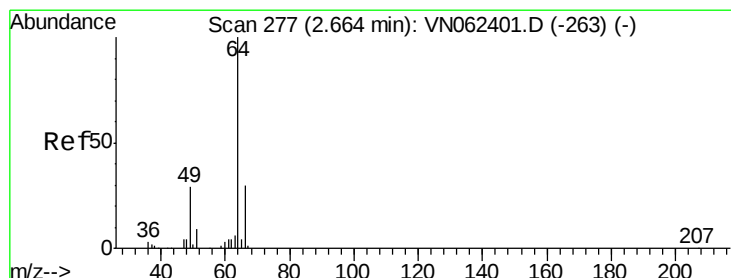
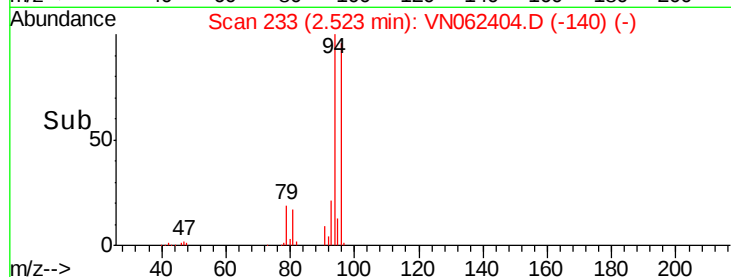
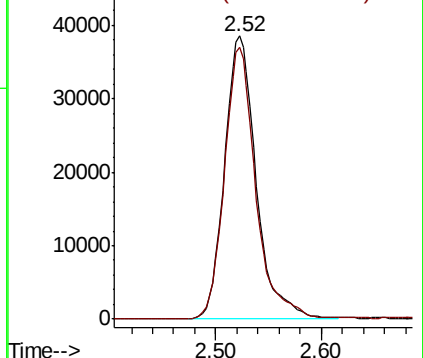
94 100

96 96.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.743 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062404.D

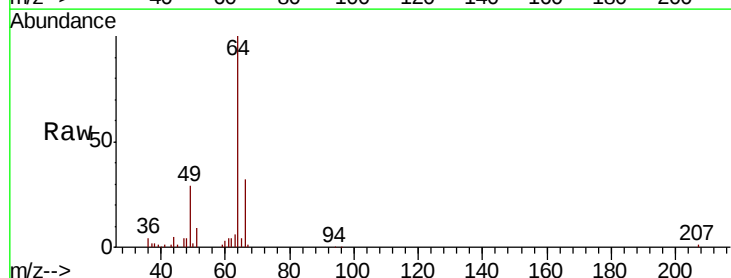
Acq: 8 Jul 2020 13:09

Tgt Ion: 64 Resp: 86468

Ion Ratio Lower Upper

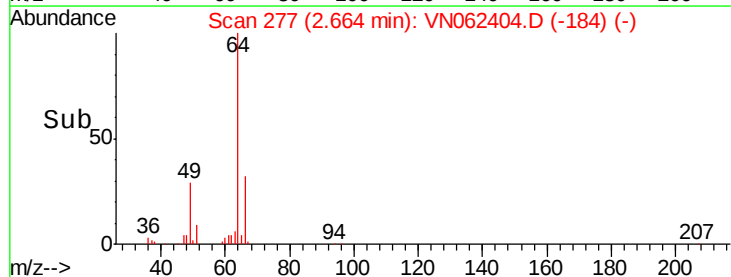
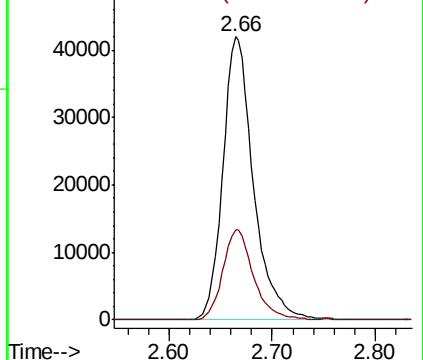
64 100

66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



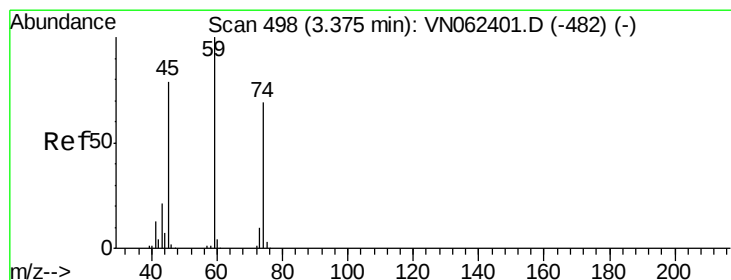
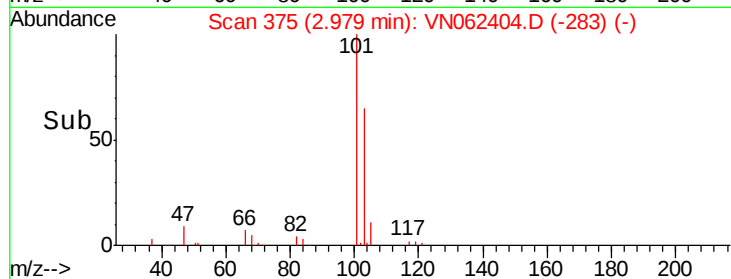
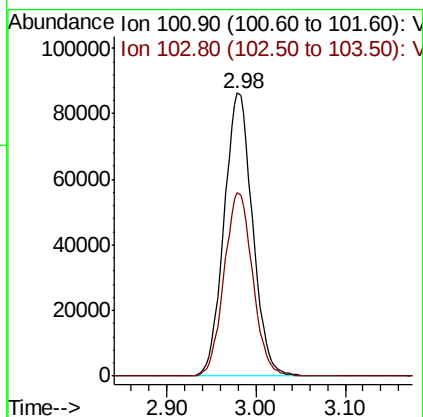
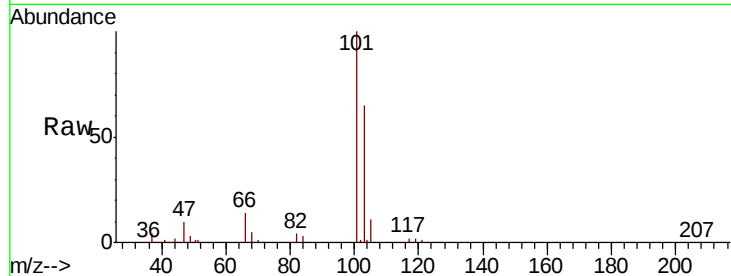


#7

Trichlorofluoromethane
 Concen: 52.504 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
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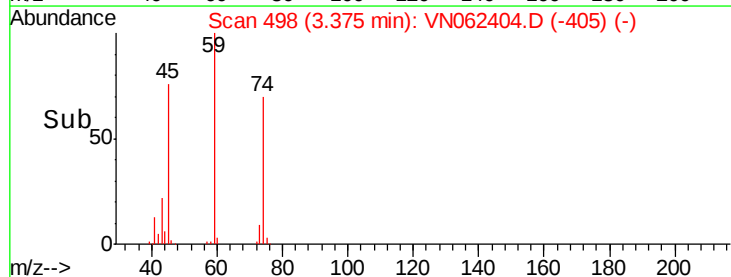
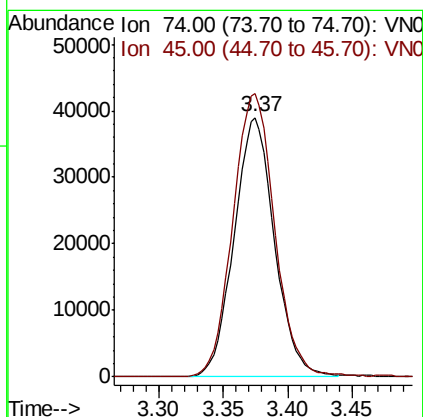
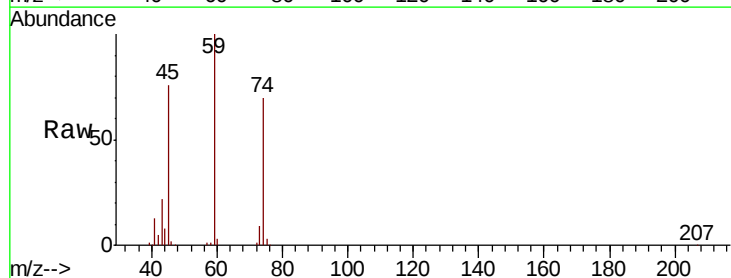
Tot Ion:101 Resp: 191323
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4

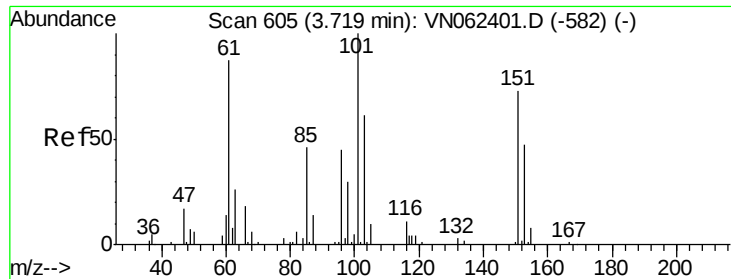


#8

Diethyl Ether
 Concen: 52.106 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 74 Resp: 84903
 Ion Ratio Lower Upper
 74 100
 45 113.4 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.145 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

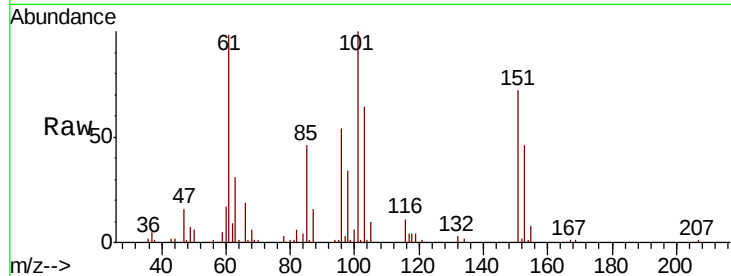
Tot Ion:101 Resp: 114801

Ion Ratio Lower Upper

101 100

85 45.9 36.7 55.1

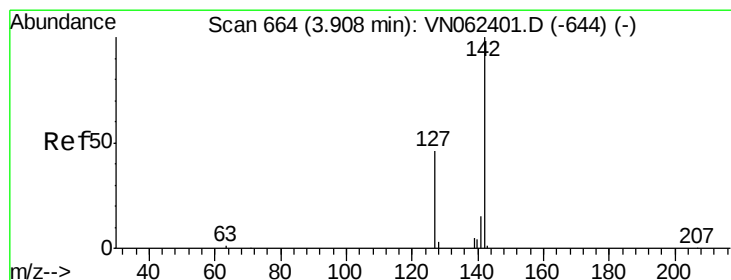
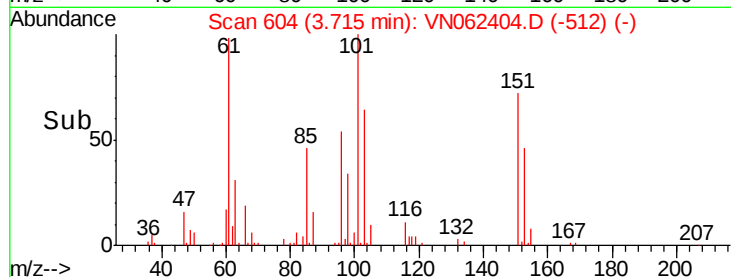
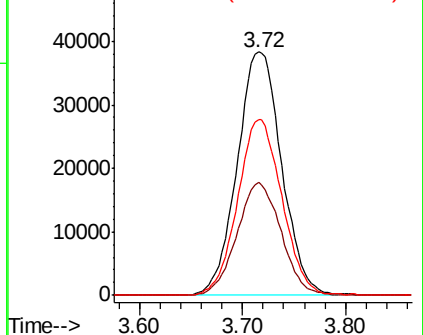
151 71.9 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.212 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

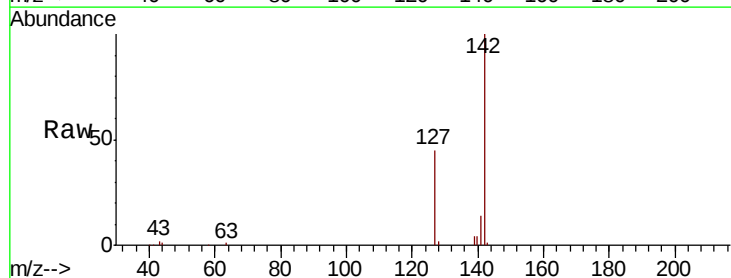
Tgt Ion:142 Resp: 143218

Ion Ratio Lower Upper

142 100

127 45.2 36.1 54.1

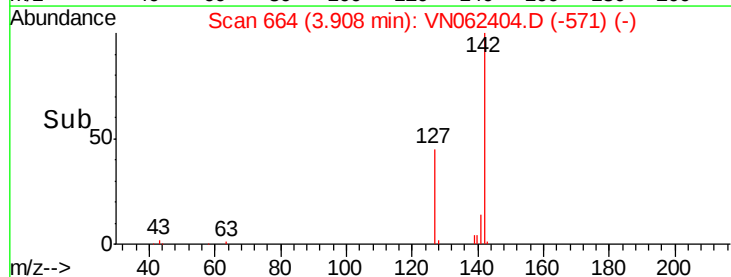
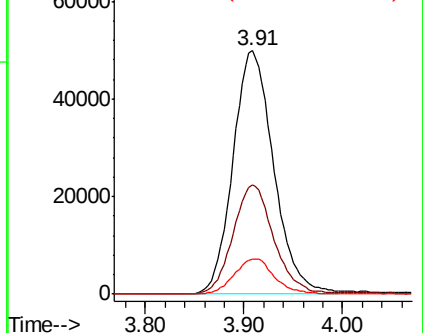
141 14.2 11.4 17.0

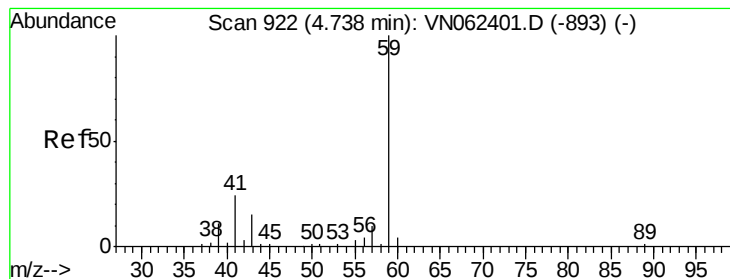


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



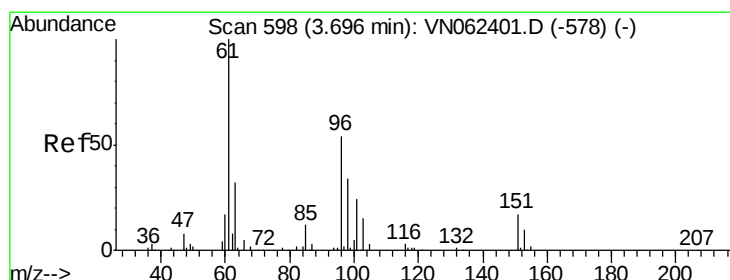
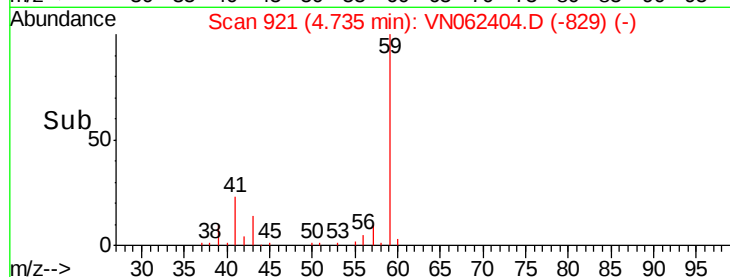
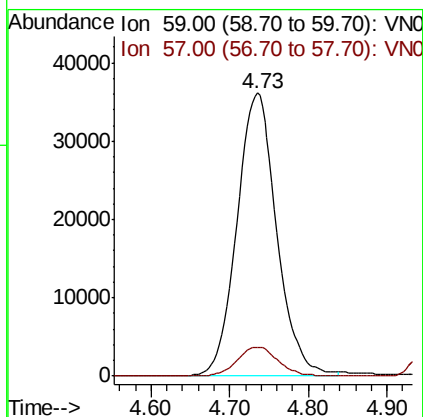
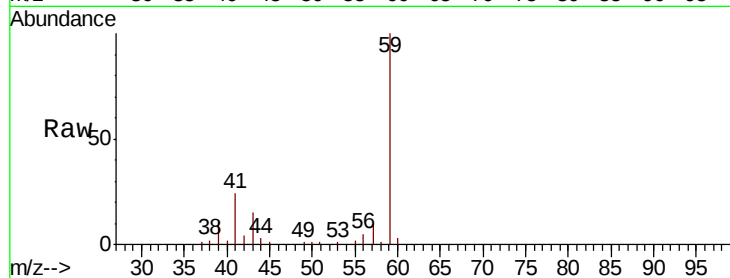


#11

Tert butyl alcohol
 Concen: 234.853 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

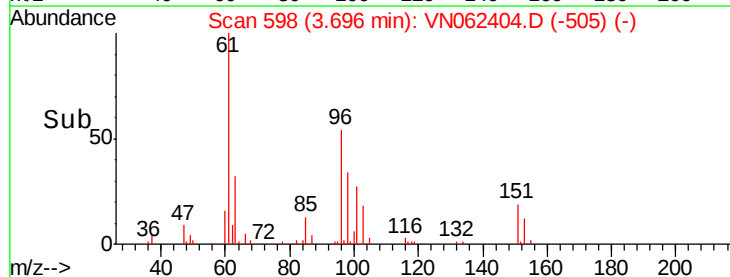
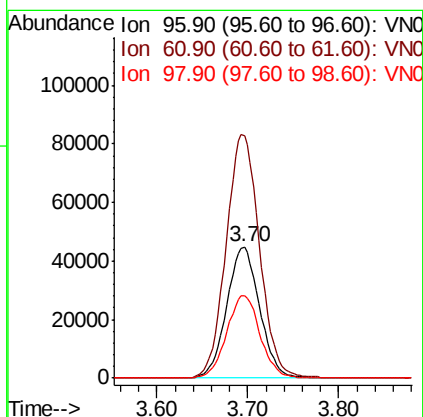
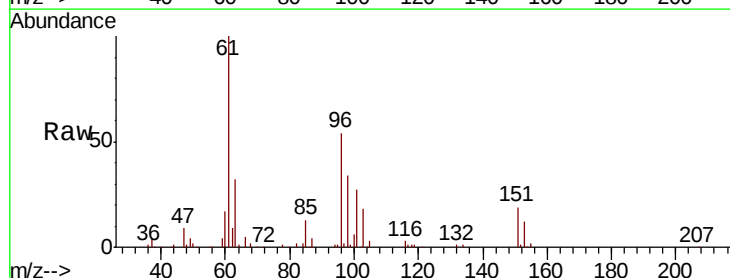
Tot Ion: 59 Resp: 128397
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.6

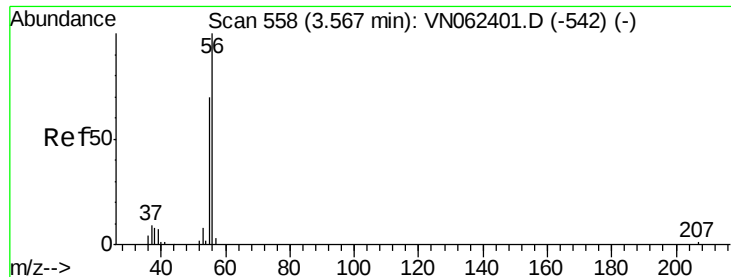


#12

1,1-Dichloroethene
 Concen: 51.292 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 96 Resp: 112805
 Ion Ratio Lower Upper
 96 100
 61 184.8 147.4 221.0
 98 62.9 50.4 75.6





#13

Acrolein

Concen: 231.339 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

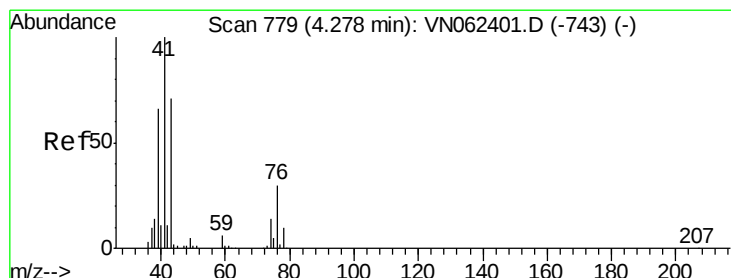
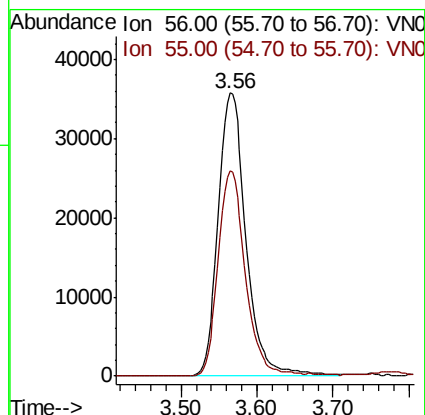
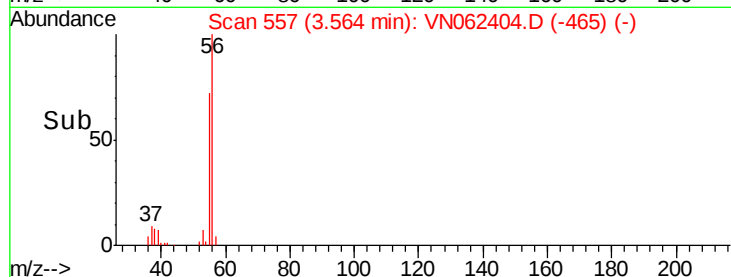
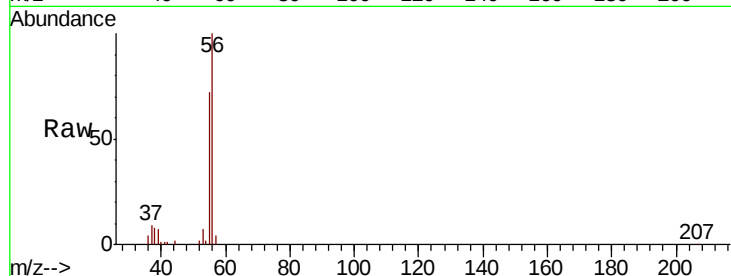
ICVVN070820

Tot Ion: 56 Resp: 91237

Ion Ratio Lower Upper

56 100

55 70.9 57.2 85.8



#14

Allyl chloride

Concen: 51.924 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

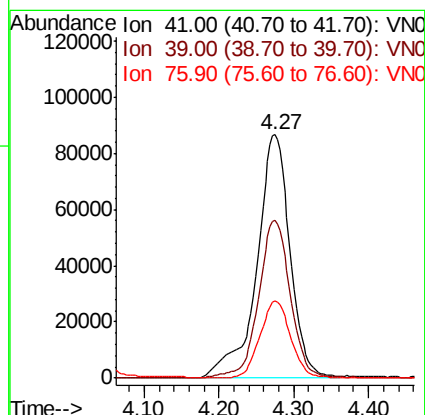
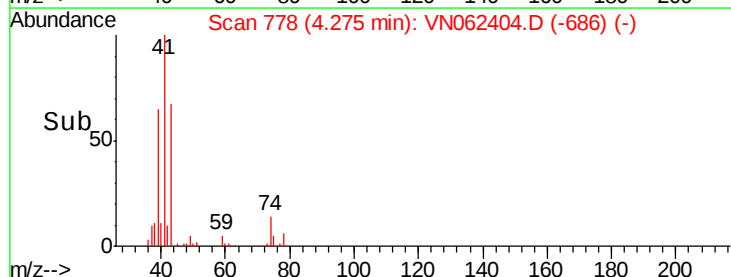
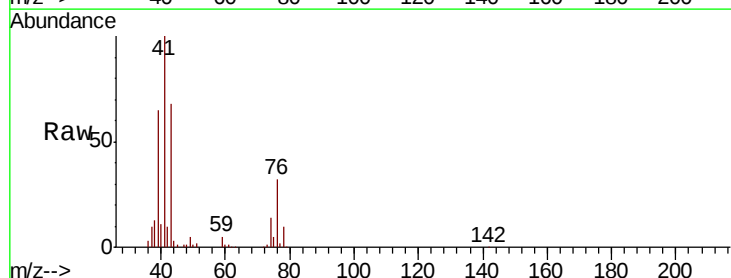
Tgt Ion: 41 Resp: 268575

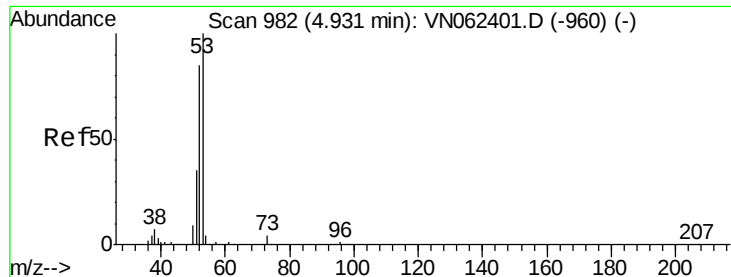
Ion Ratio Lower Upper

41 100

39 61.7 49.6 74.4

76 29.3 22.2 33.4





#15

Acrylonitrile

Concen: 261.451 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

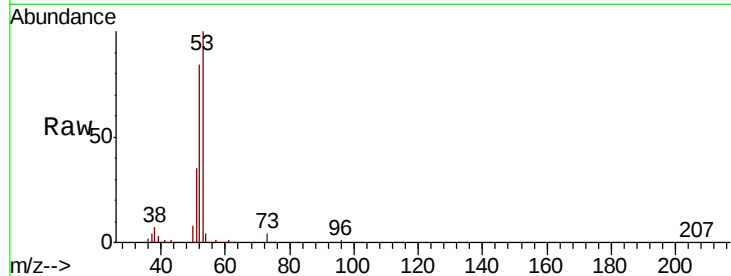
Tot Ion: 53 Resp: 374879

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.4

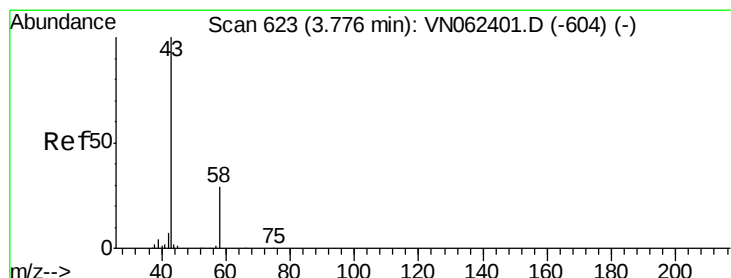
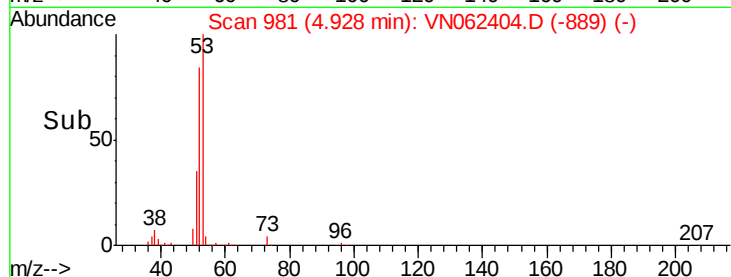
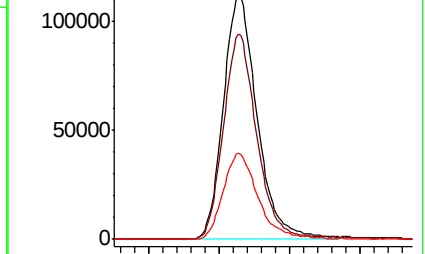
51 36.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062404.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062404.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062404.D (-960) (-)



#16

Acetone

Concen: 281.547 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062404.D

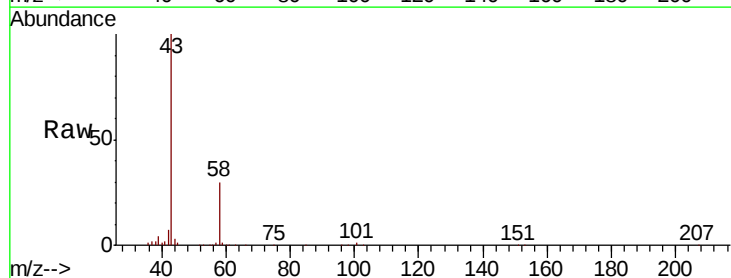
Acq: 8 Jul 2020 13:09

Tgt Ion: 43 Resp: 393952

Ion Ratio Lower Upper

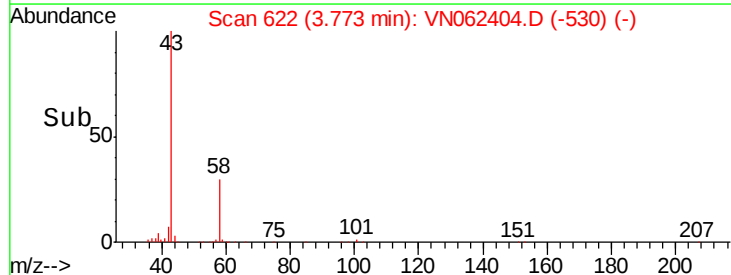
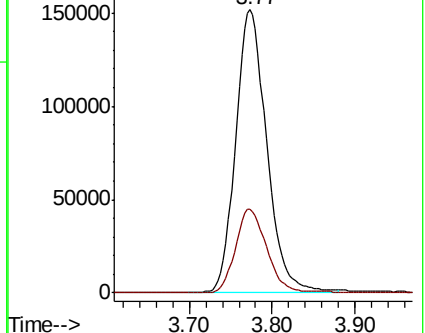
43 100

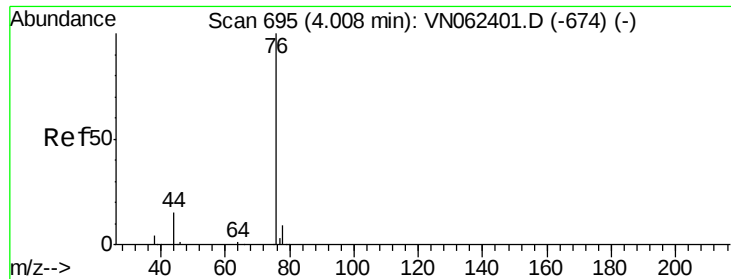
58 29.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062404.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062404.D (-604) (-)

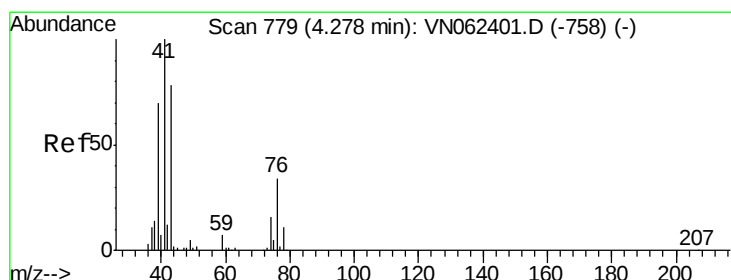
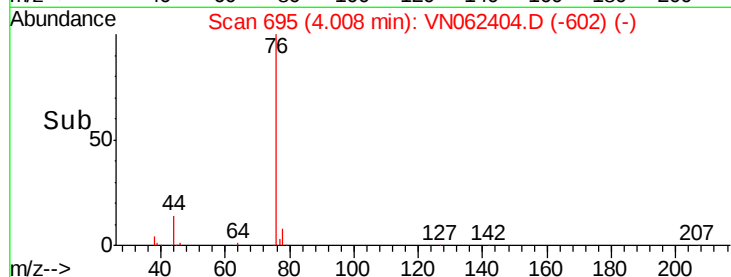
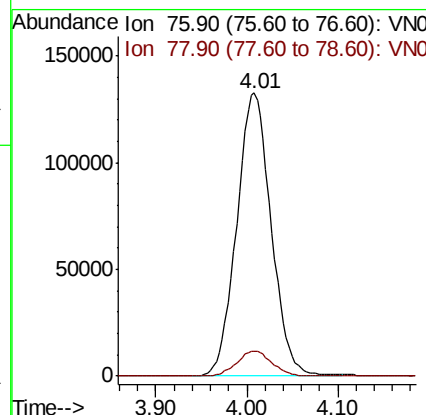
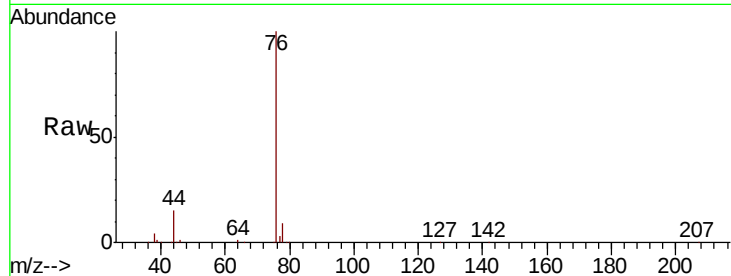




#17
Carbon Disulfide
Concen: 50.613 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

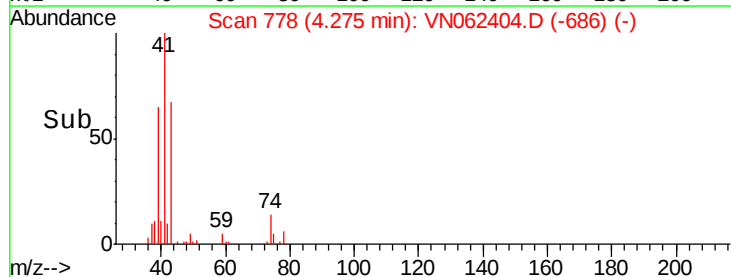
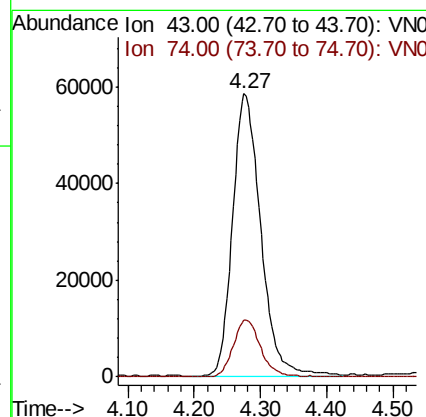
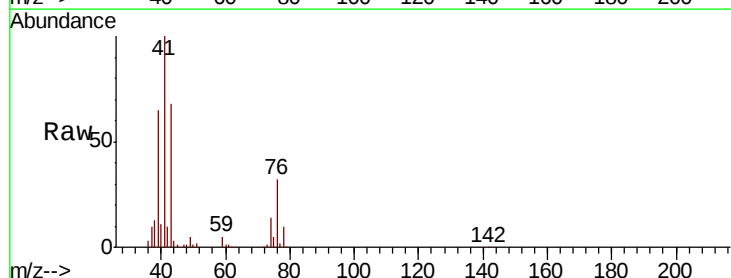
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

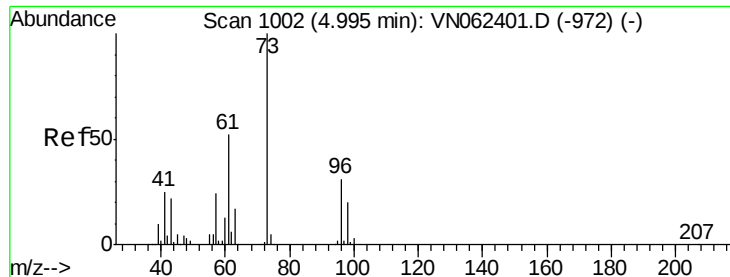
Tot Ion: 76 Resp: 348800
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 49.428 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 43 Resp: 172598
Ion Ratio Lower Upper
43 100
74 19.5 16.0 24.0

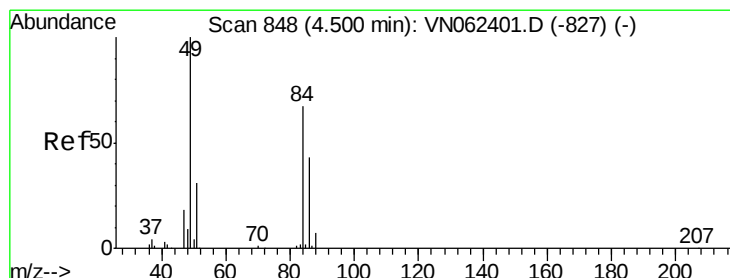
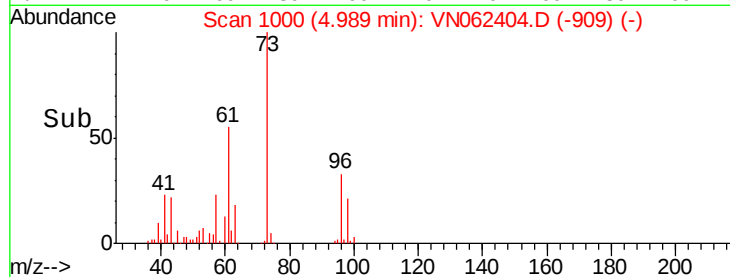
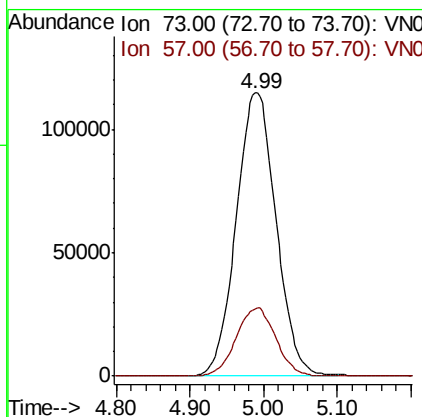
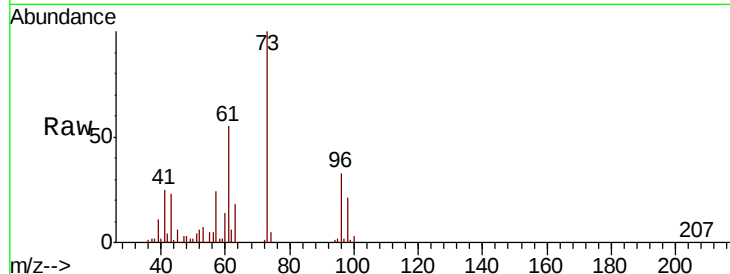




#19
Methyl tert-butyl Ether
Concen: 51.802 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

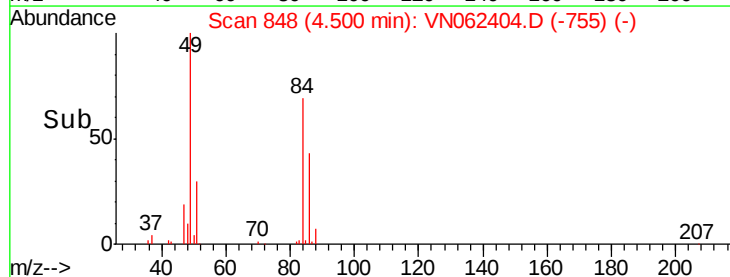
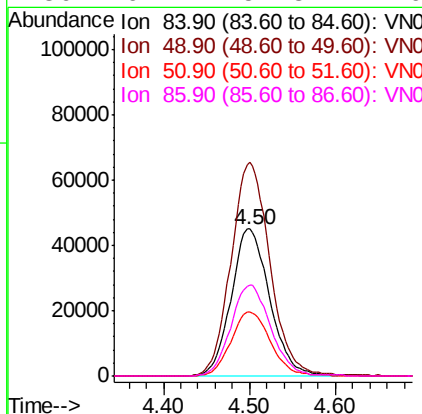
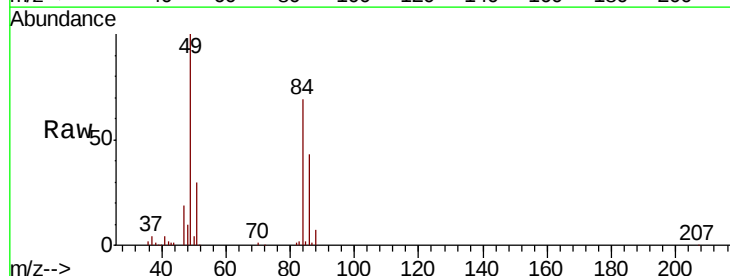
Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

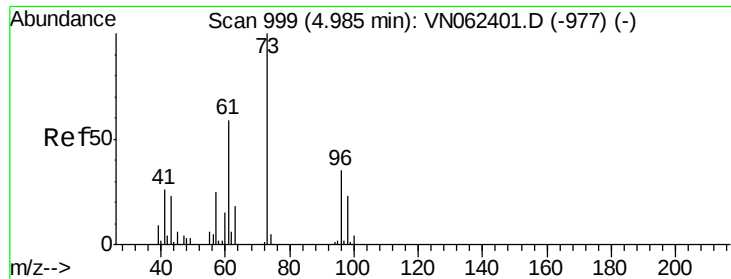
Tot Ion: 73 Resp: 431939
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0



#20
Methylene Chloride
Concen: 46.959 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 84 Resp: 140487
Ion Ratio Lower Upper
84 100
49 145.3 120.0 180.0
51 43.7 37.0 55.6
86 62.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.057 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

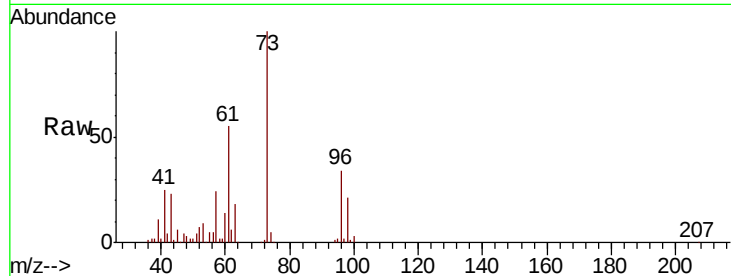
Tot Ion: 96 Resp: 124032

Ion Ratio Lower Upper

96 100

61 161.9 133.5 200.3

98 61.1 51.9 77.9

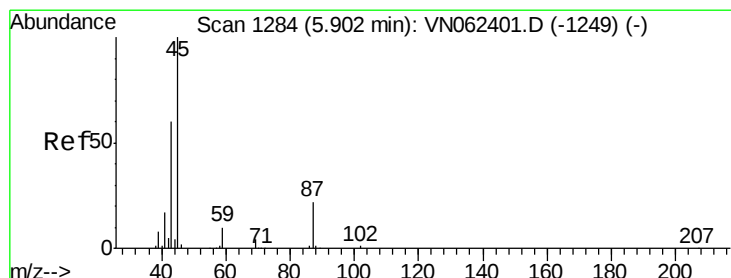
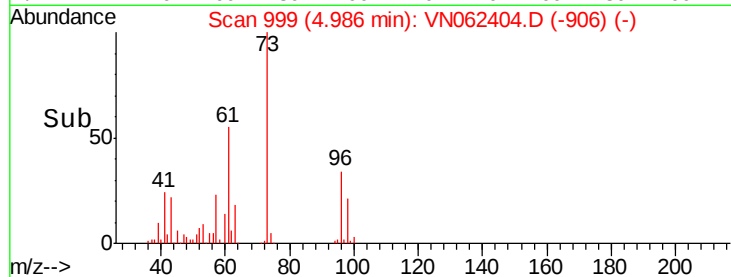
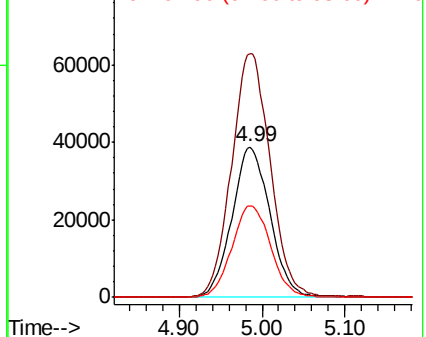


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 52.696 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion: 45 Resp: 538508

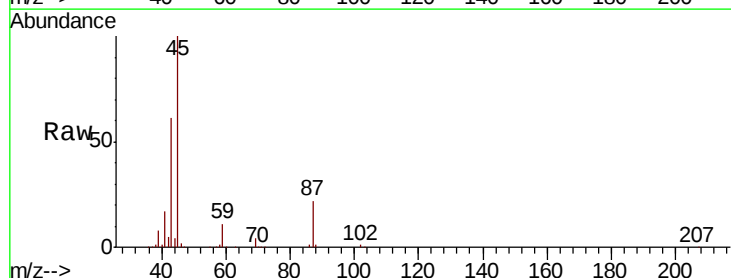
Ion Ratio Lower Upper

45 100

43 58.7 50.1 75.1

87 22.1 18.2 27.4

59 10.9 8.2 12.2



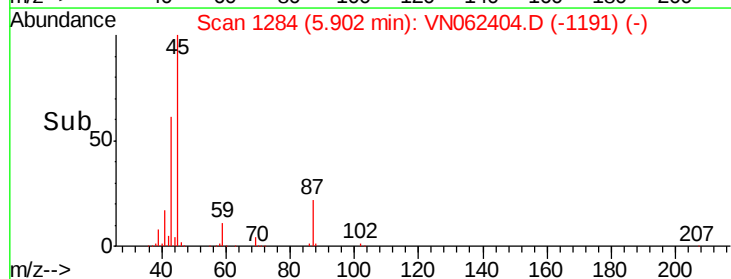
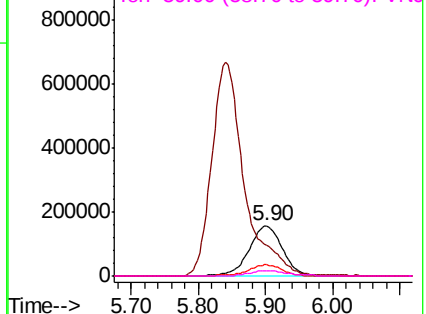
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

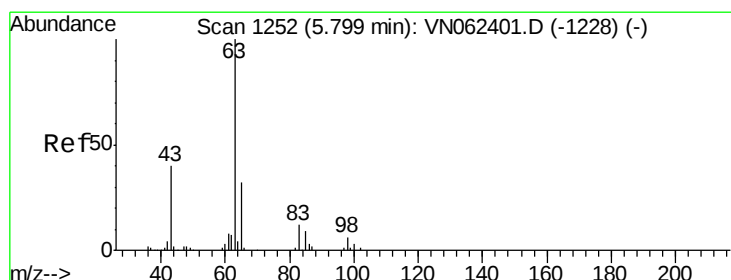
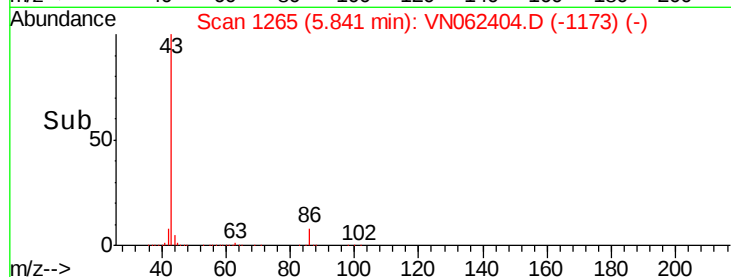
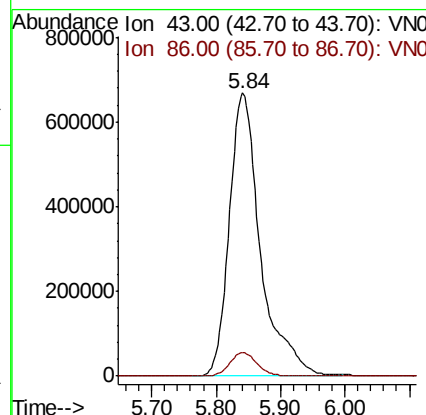
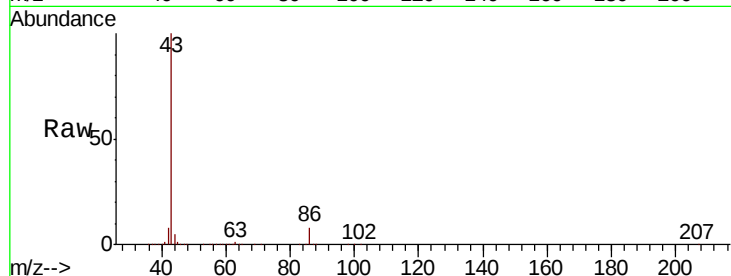




#23
 Vinyl Acetate
 Concen: 266.420 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

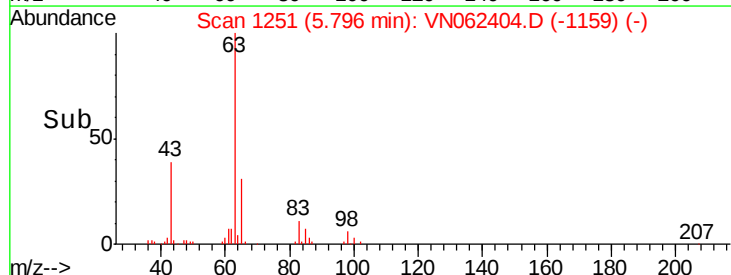
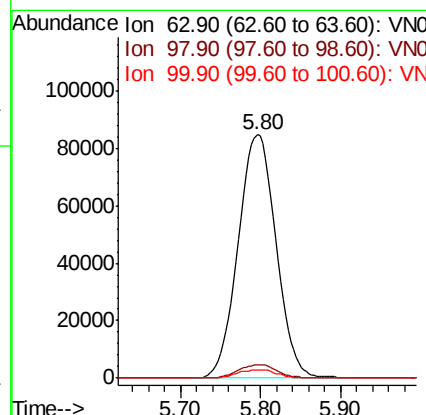
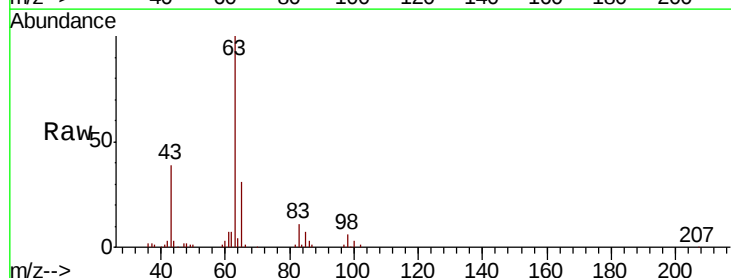
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

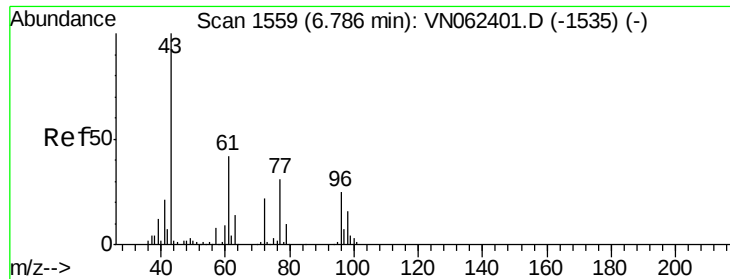
Tot Ion: 43 Resp: 2255337
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 51.681 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 63 Resp: 272909
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 267.697 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

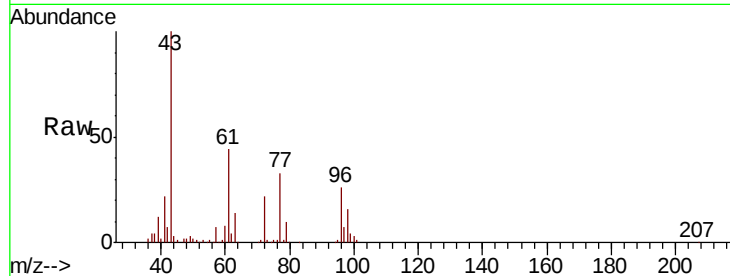
ICVVN070820

Tot Ion: 43 Resp: 547040

Ion Ratio Lower Upper

43 100

72 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1535) (-)

Ion 72.00 (71.70 to 72.70): VN062401.D (-1535) (-)

6.78

200000

150000

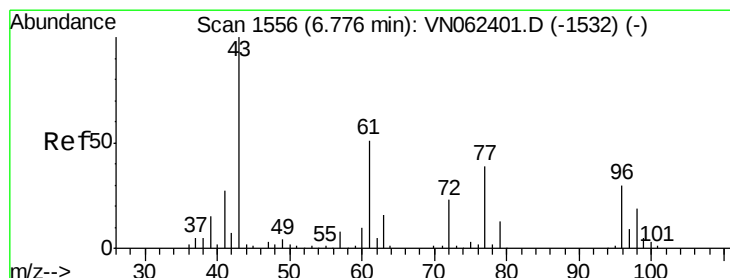
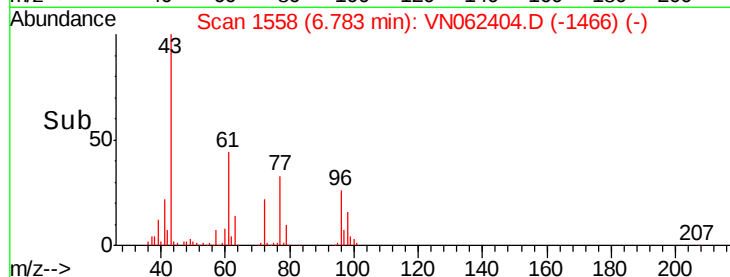
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 53.146 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062404.D

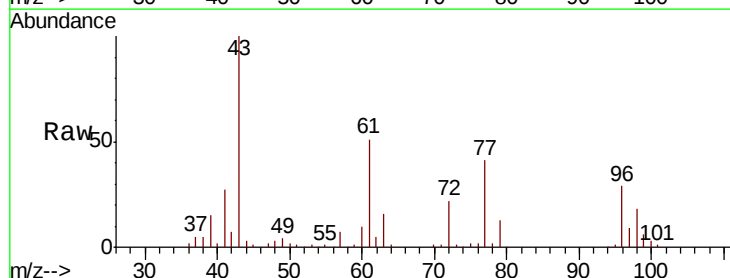
Acq: 8 Jul 2020 13:09

Tgt Ion: 77 Resp: 215183

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VN062401.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062401.D (-1532) (-)

6.77

80000

60000

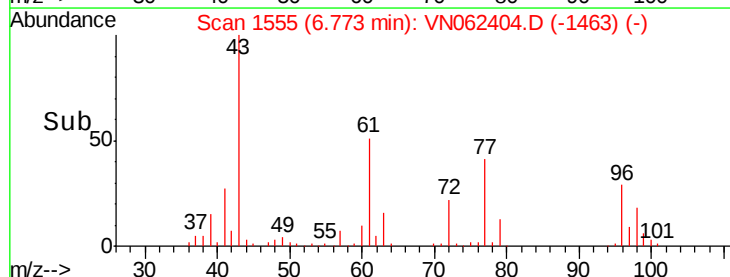
40000

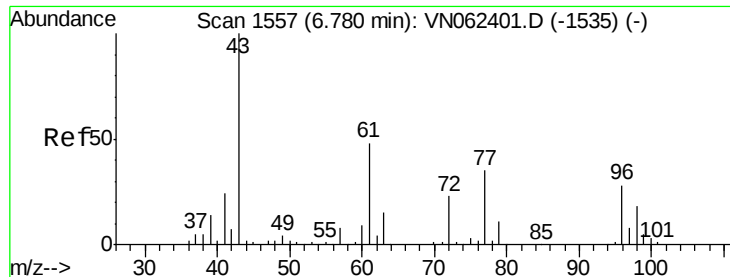
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.169 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

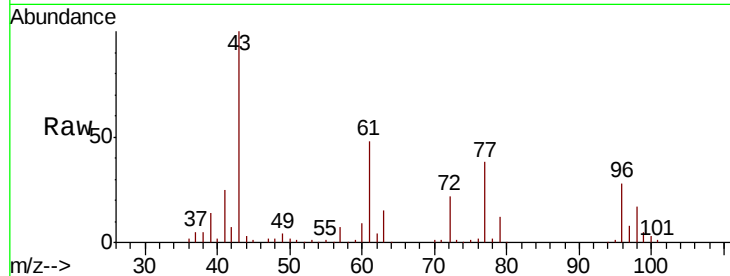
Tot Ion: 96 Resp: 143973

Ion Ratio Lower Upper

96 100

61 173.2 0.0 343.4

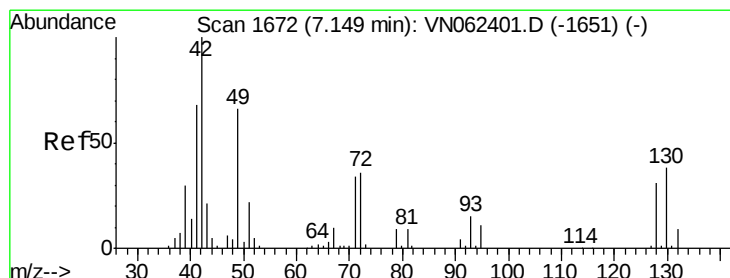
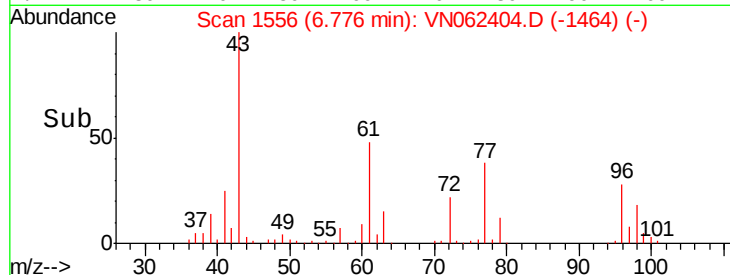
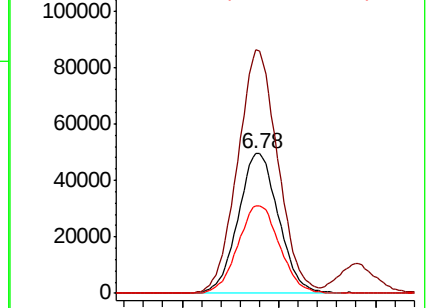
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN062401.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1535) (-)



#28

Bromochloromethane

Concen: 48.362 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

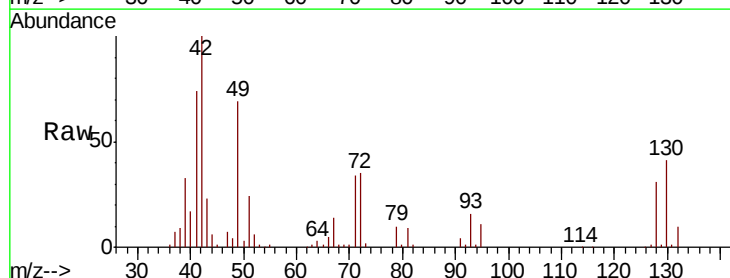
Tgt Ion: 49 Resp: 138748

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.8

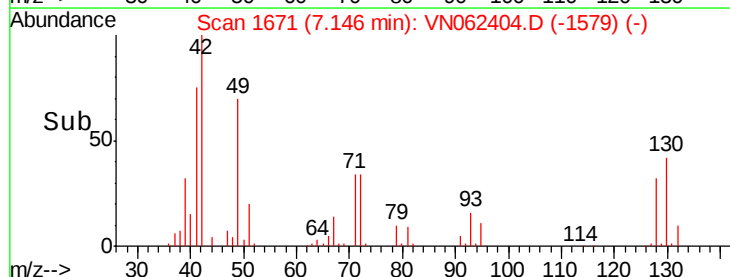
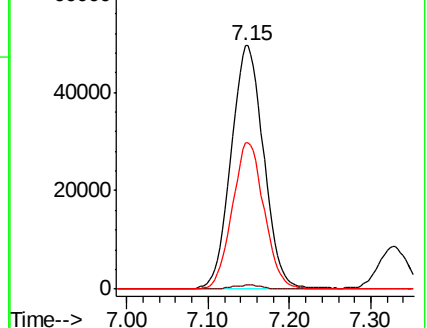
130 58.4 46.5 69.7

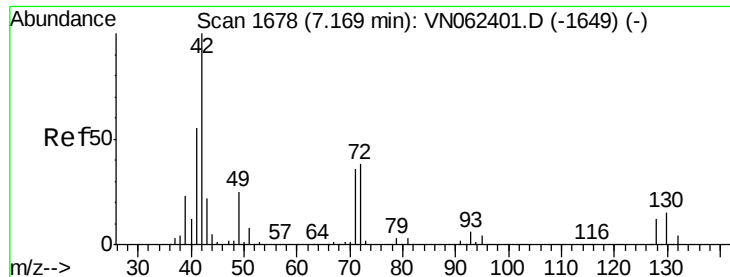


Abundance Ion 48.90 (48.60 to 49.60): VN062401.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062401.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062401.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 258.087 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

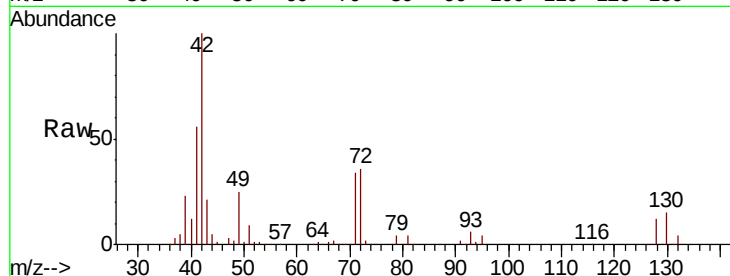
Tot Ion: 42 Resp: 355076

Ion Ratio Lower Upper

42 100

72 35.7 29.1 43.7

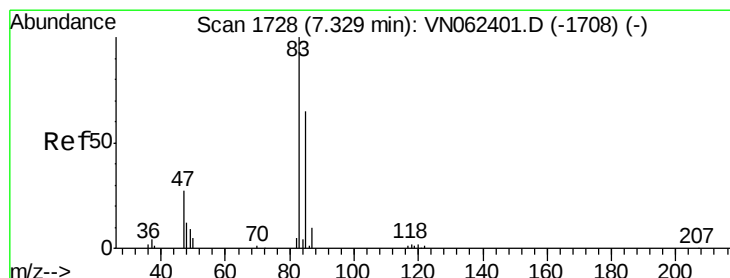
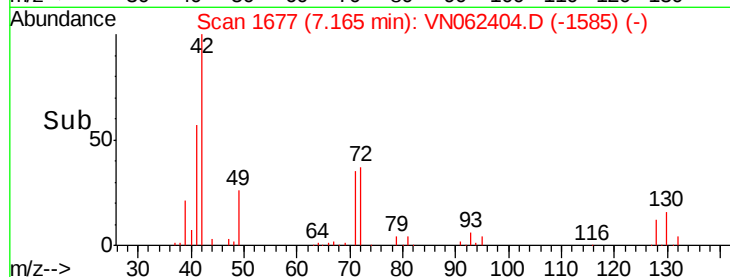
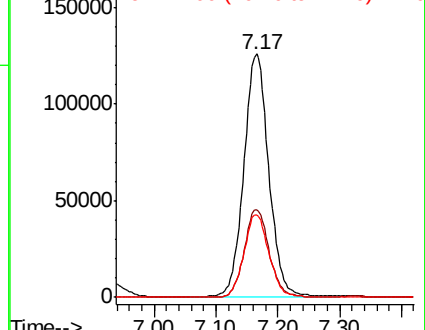
71 33.8 28.1 42.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.405 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062404.D

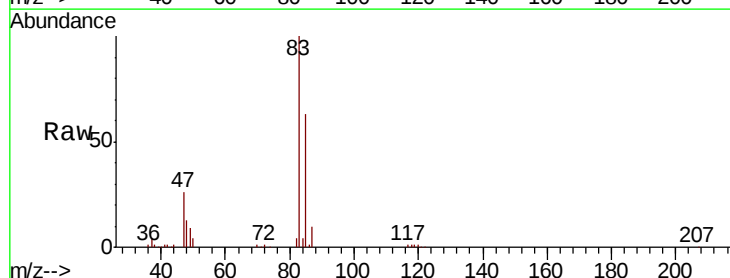
Acq: 8 Jul 2020 13:09

Tgt Ion: 83 Resp: 249860

Ion Ratio Lower Upper

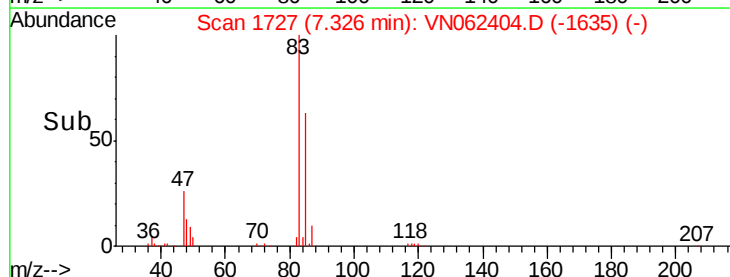
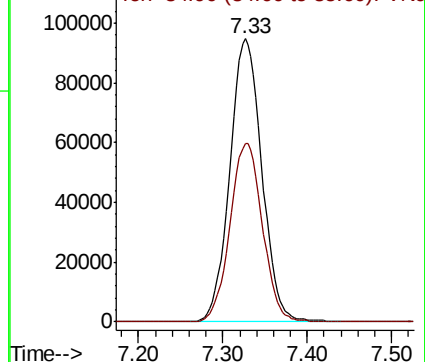
83 100

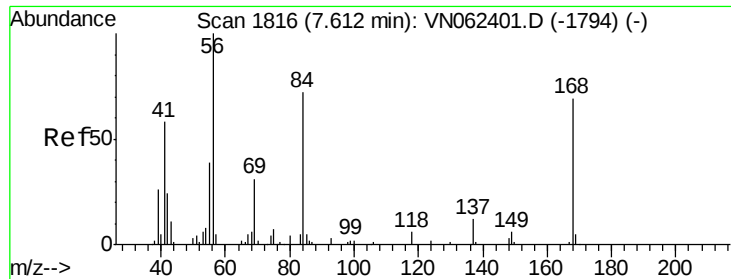
85 63.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

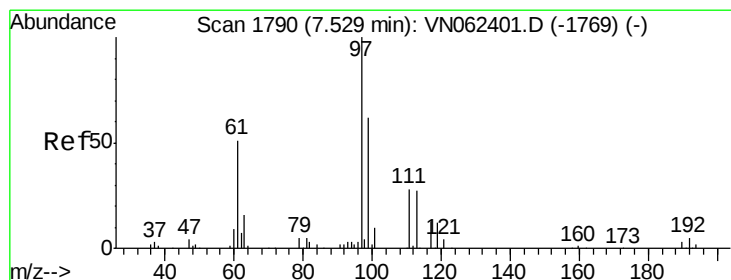
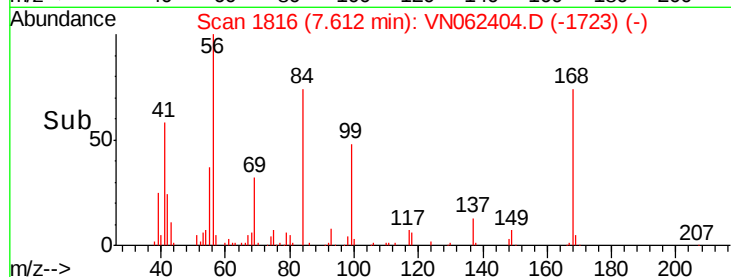
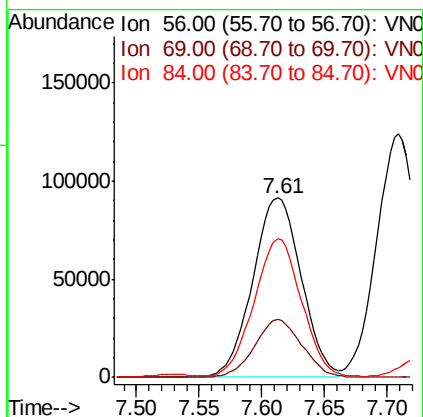
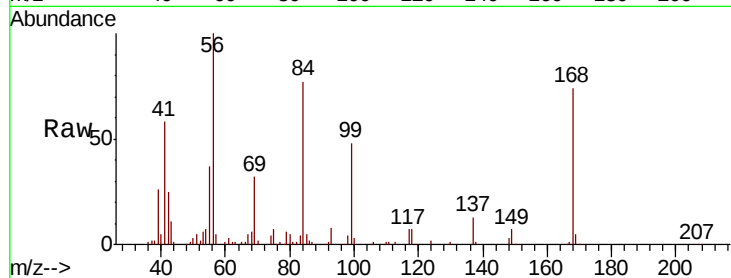




#31
Cyclohexane
Concen: 49.233 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

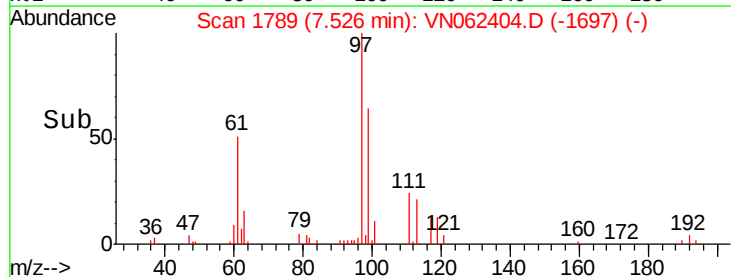
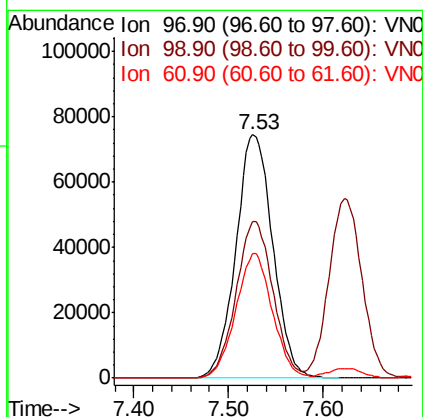
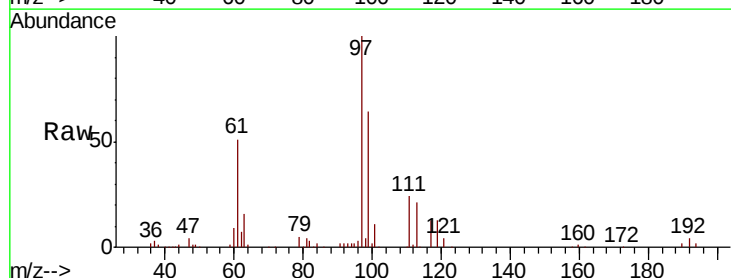
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

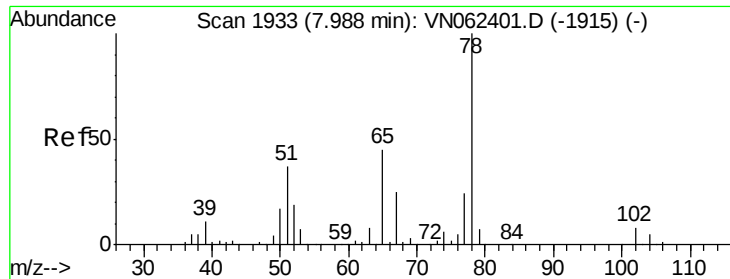
Tot Ion: 56 Resp: 246461
Ion Ratio Lower Upper
56 100
69 32.1 24.5 36.7
84 76.1 57.4 86.2



#32
1,1,1-Trichloroethane
Concen: 51.087 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 97 Resp: 202609
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 50.6 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 44.656 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

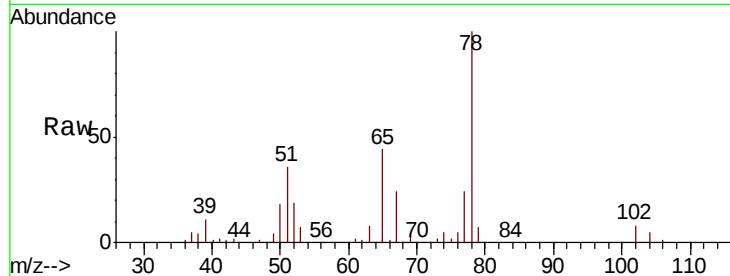
ICVVN070820

Tot Ion: 65 Resp: 147176

Ion Ratio Lower Upper

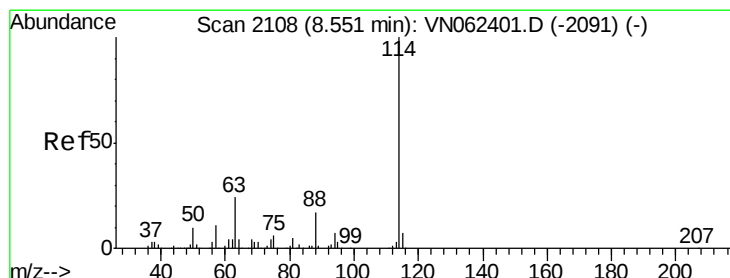
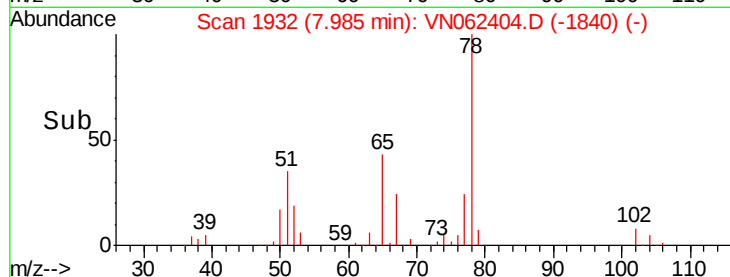
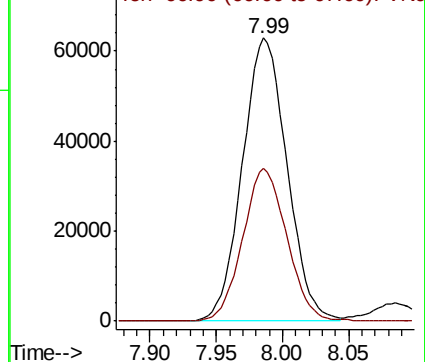
65 100

67 53.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

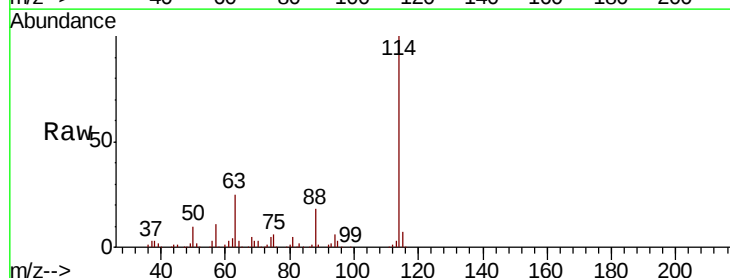
Tgt Ion: 114 Resp: 361580

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.4

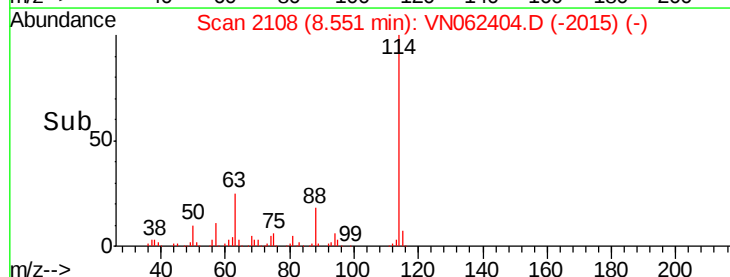
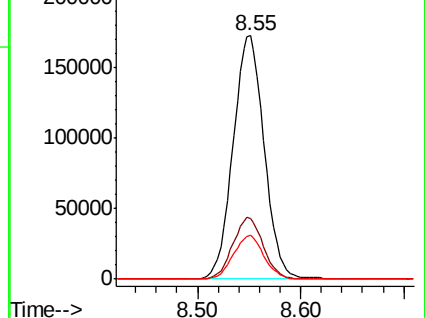
88 17.8 0.0 33.8

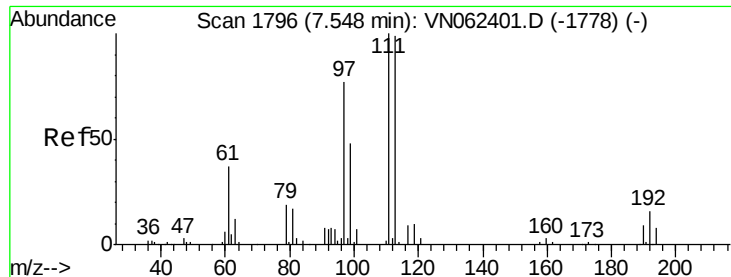


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

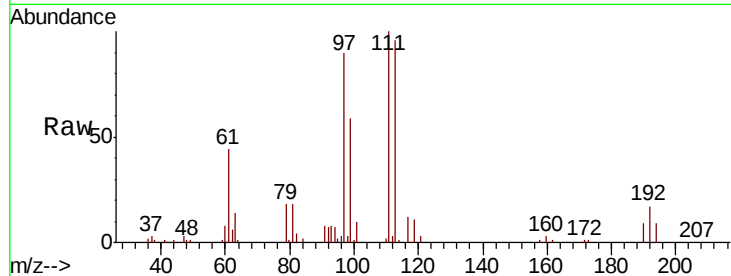




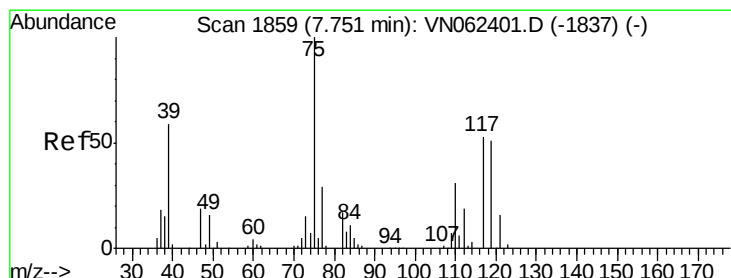
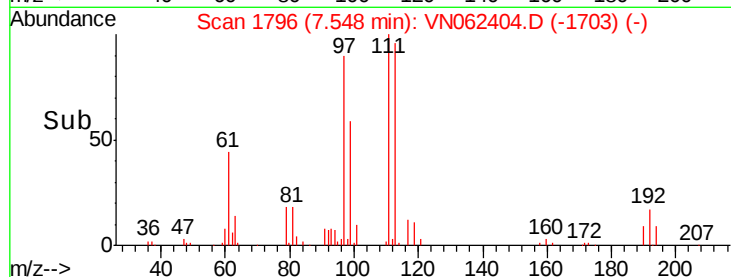
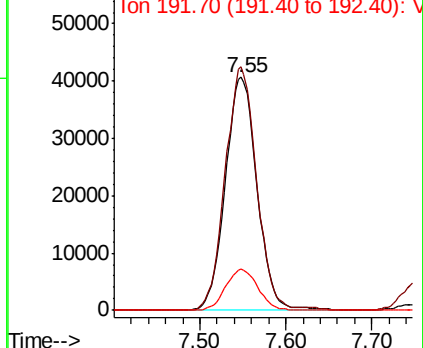
#35
 Dibromofluoromethane
 Concen: 46.536 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	17.8	14.1	21.1

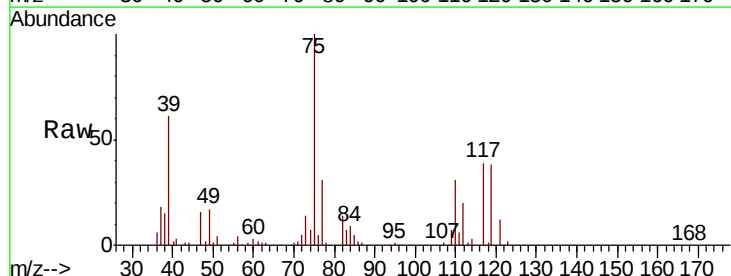


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

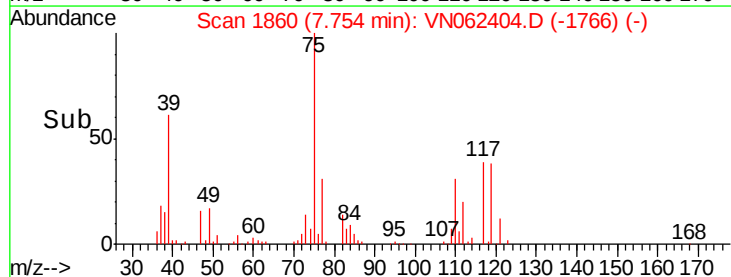
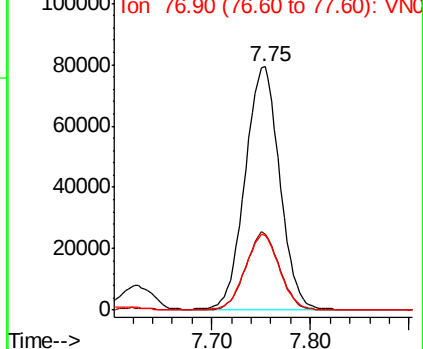


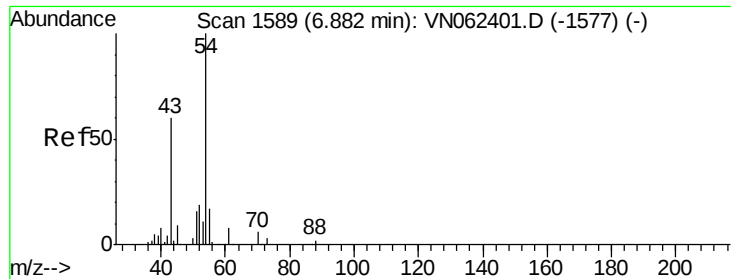
#36
 1,1-Dichloropropene
 Concen: 52.475 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	15.4	46.2
77	31.0	24.1	36.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

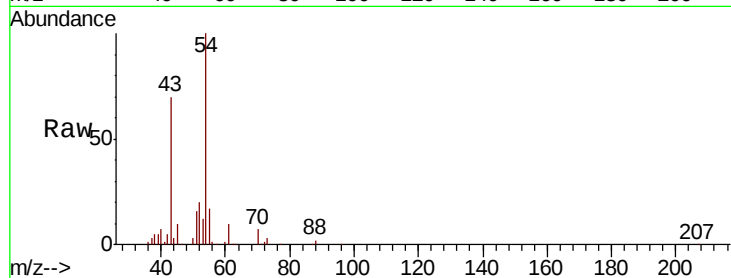




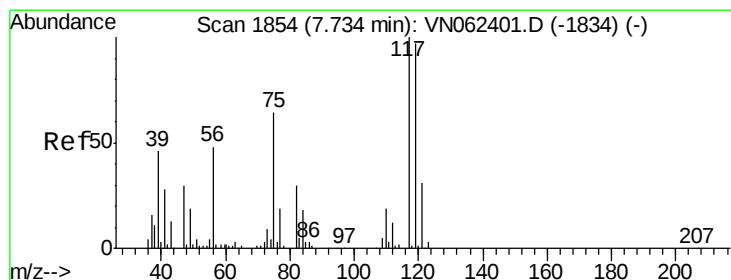
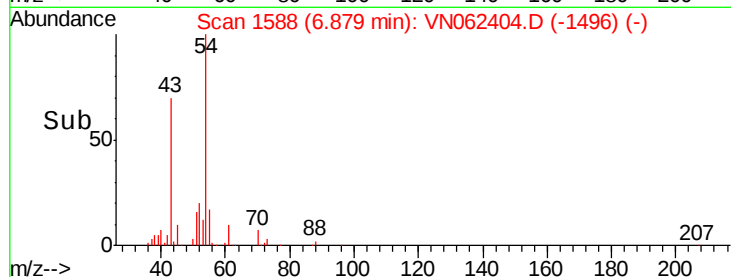
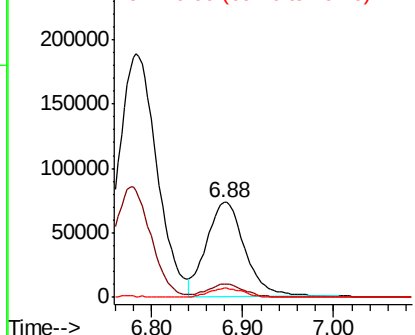
#37
Ethyl Acetate
Concen: 50.573 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion: 43 Resp: 215422
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 8.9 7.2 10.8

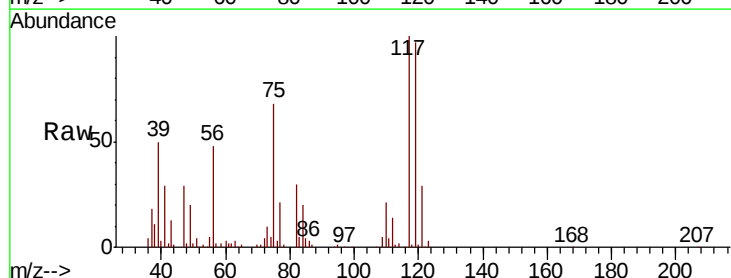


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

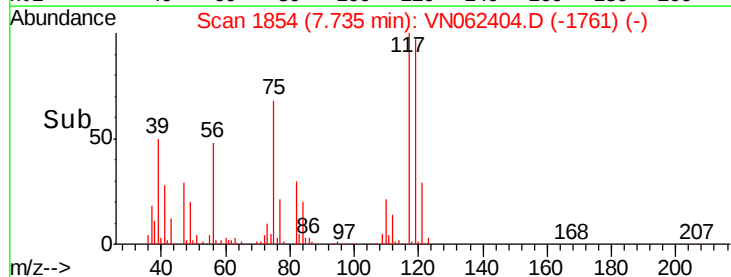
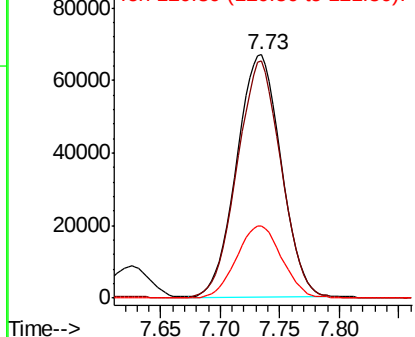


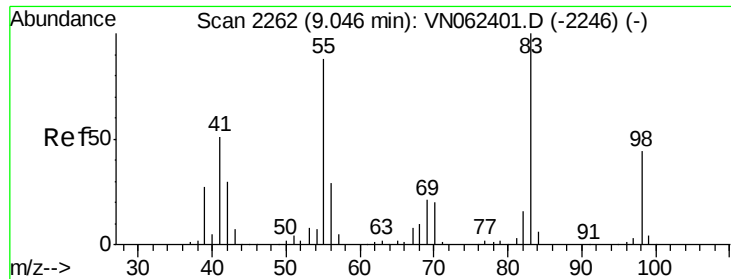
#38
Carbon Tetrachloride
Concen: 52.885 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 117 Resp: 173203
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
121 29.6 24.8 37.2



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

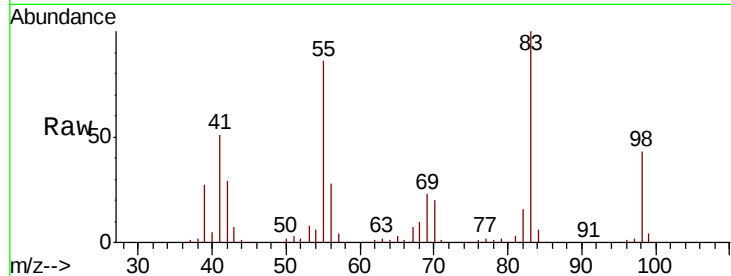




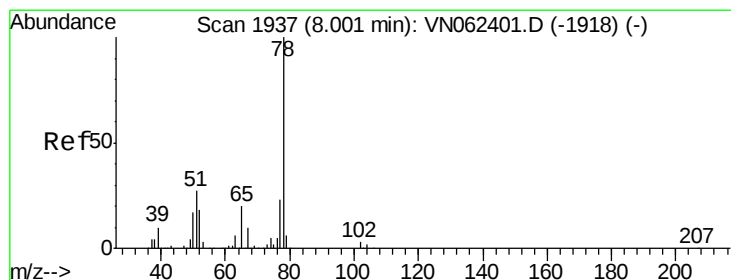
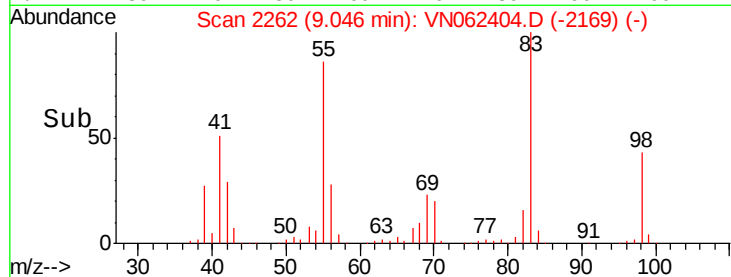
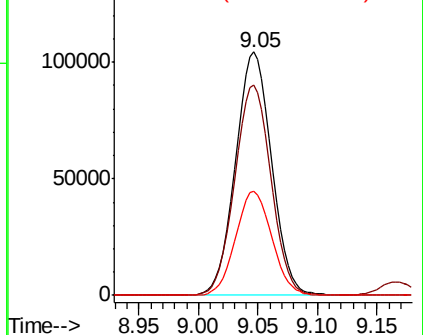
#39
Methvlcvclohexane
Concen: 56.492 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion: 83 Resp: 219705
Ion Ratio Lower Upper
83 100
55 86.5 70.5 105.7
98 42.8 35.5 53.3

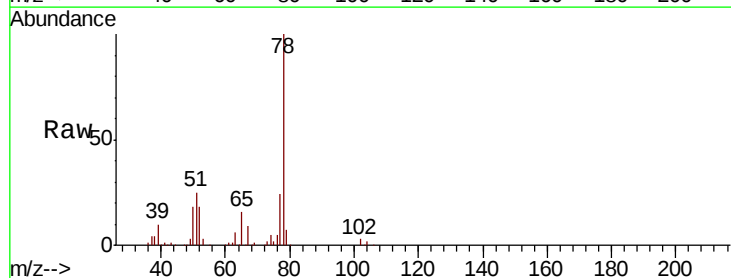


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

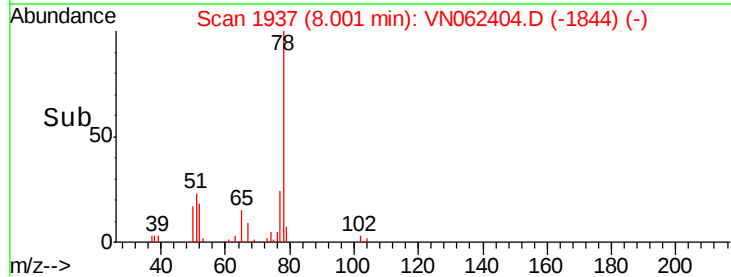
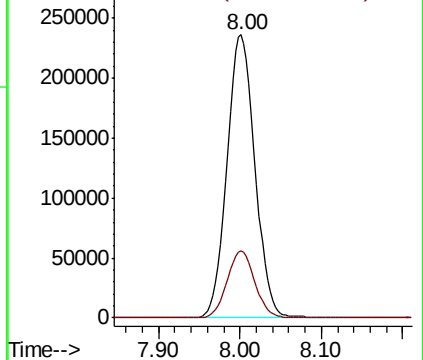


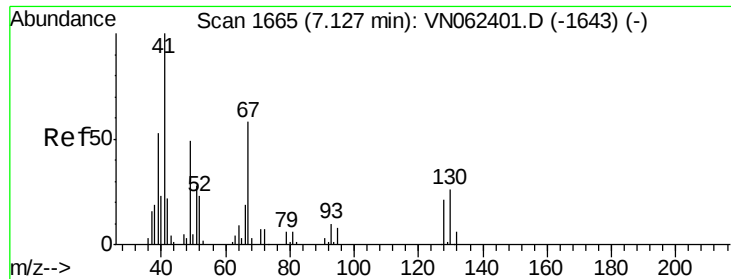
#40
Benzene
Concen: 52.974 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 78 Resp: 568745
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

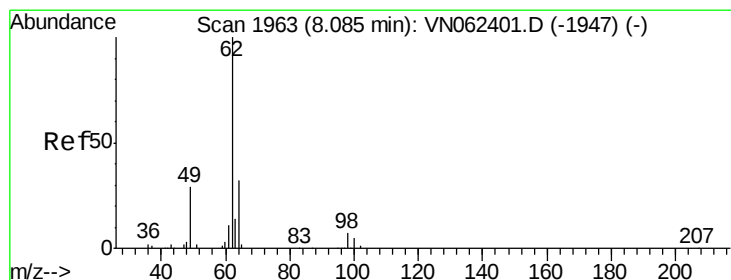
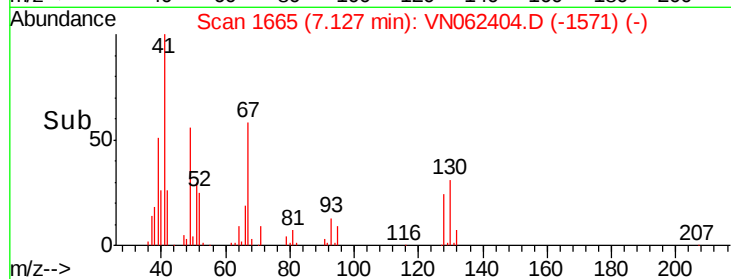
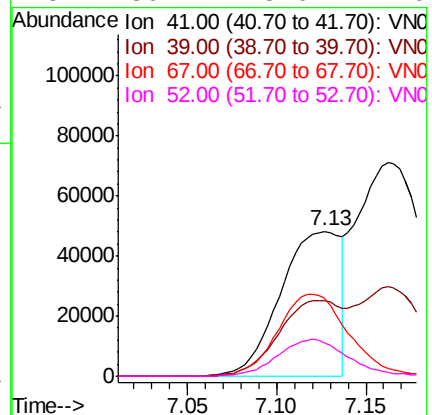
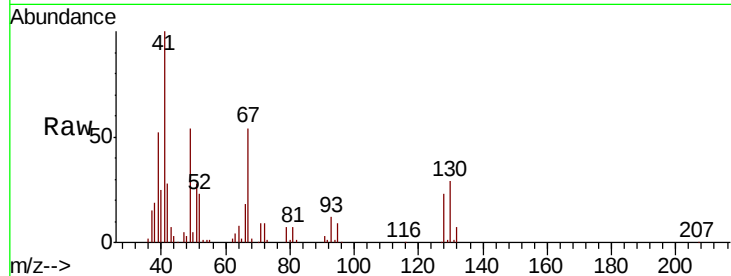




#41
Methacrylonitrile
Concen: 63.793 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

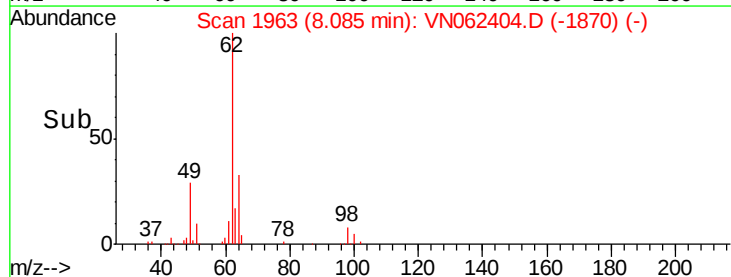
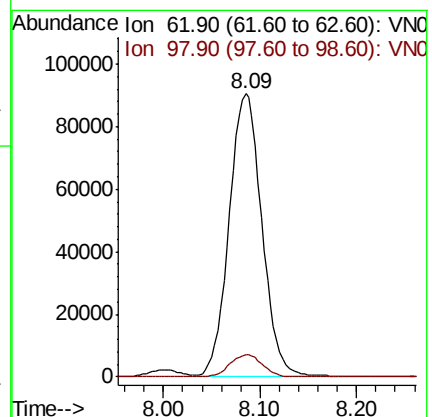
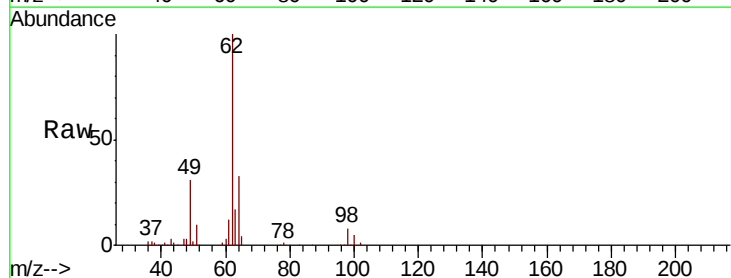
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

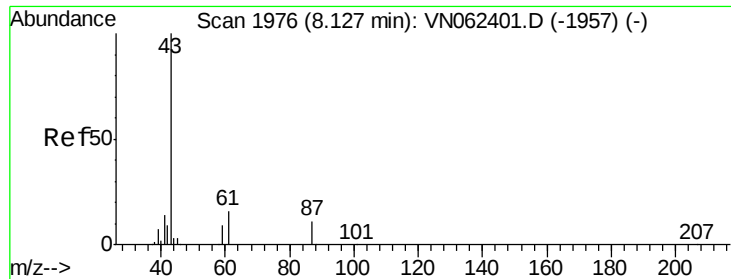
Tot Ion: 41 Resp: 113533
Ion Ratio Lower Upper
41 100
39 52.7 50.2 75.2
67 67.2 64.2 96.2
52 30.1 28.0 42.0



#42
1,2-Dichloroethane
Concen: 53.989 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 62 Resp: 212242
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 53.671 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

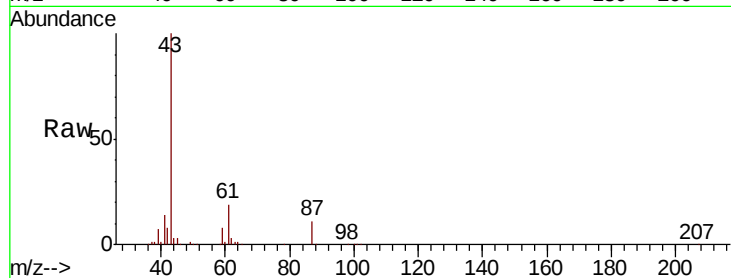
Tot Ion: 43 Resp: 361159

Ion Ratio Lower Upper

43 100

61 25.0 19.3 28.9

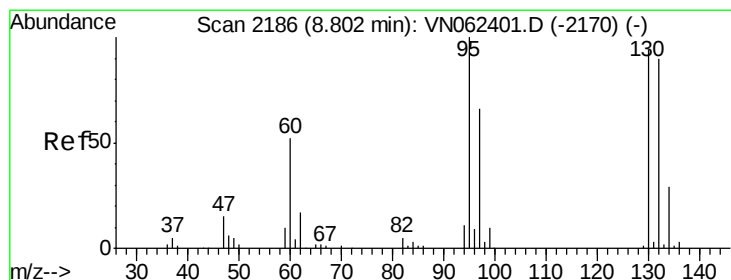
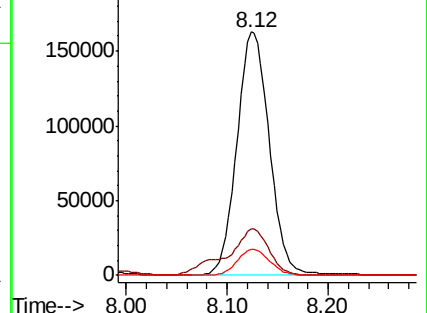
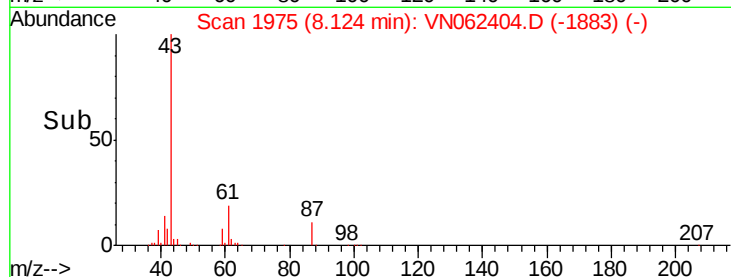
87 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062404.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062404.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062404.D (-1957) (-)



#44

Trichloroethene

Concen: 53.859 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062404.D

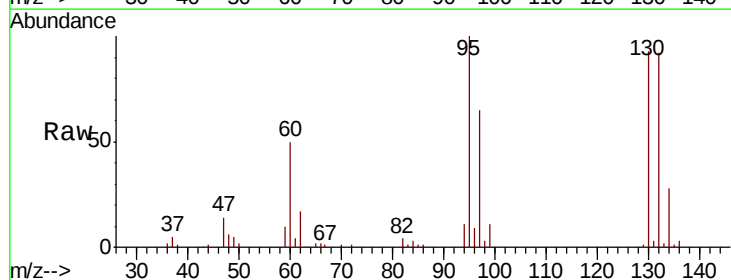
Acq: 8 Jul 2020 13:09

Tgt Ion:130 Resp: 128297

Ion Ratio Lower Upper

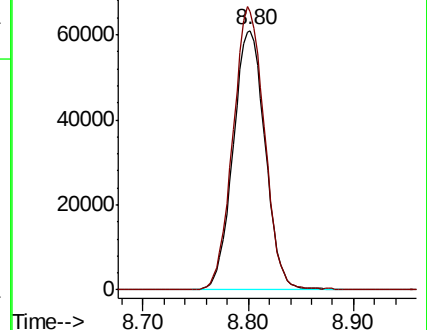
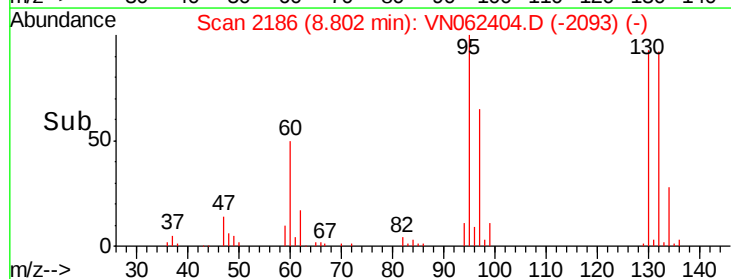
130 100

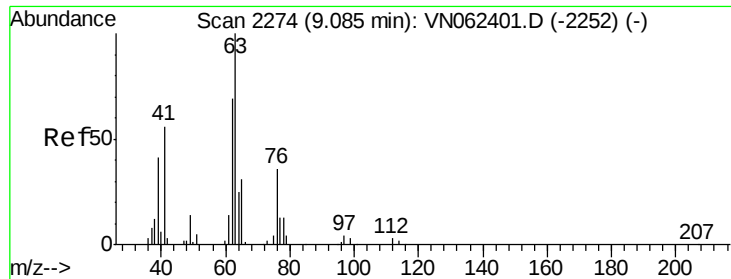
95 107.6 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062404.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062404.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 53.110 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

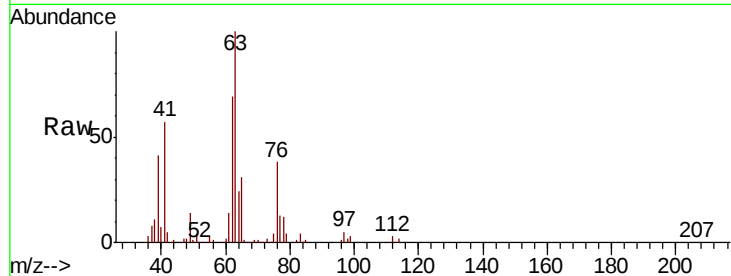
ICVVO70820

Tot Ion: 63 Resp: 16530

Ion Ratio Lower Upper

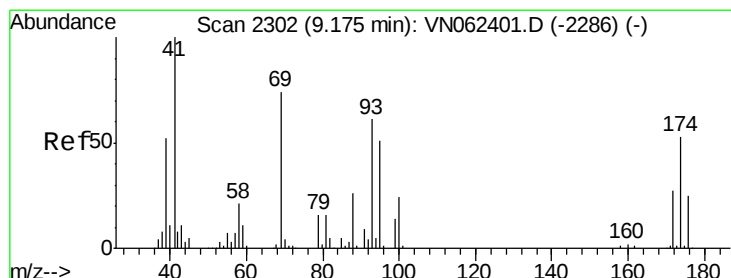
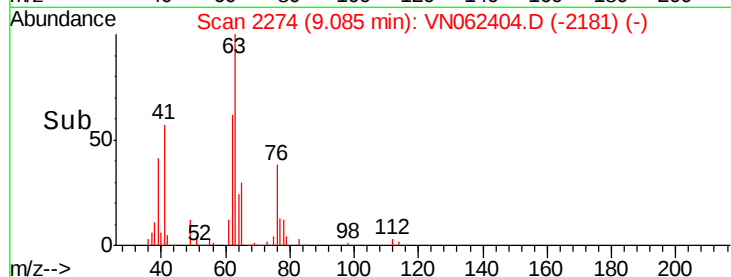
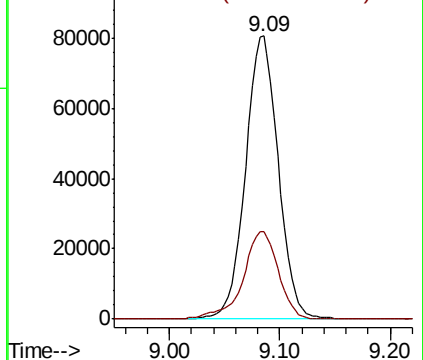
63 100

65 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.434 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

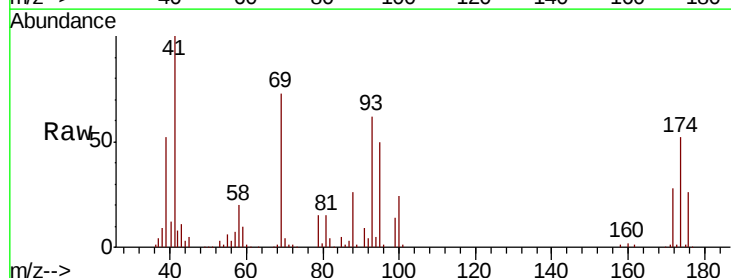
Tgt Ion: 93 Resp: 93981

Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

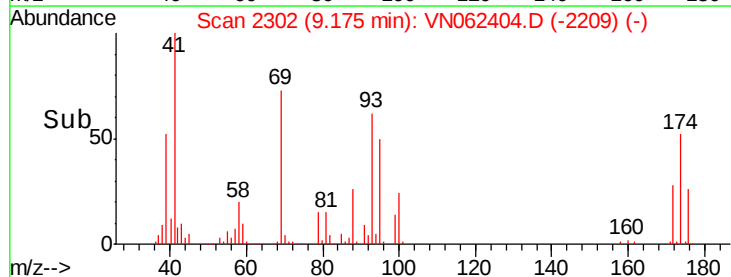
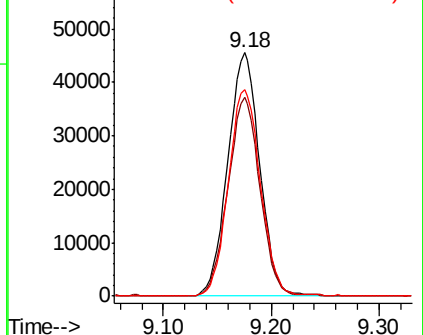
174 85.8 70.4 105.6

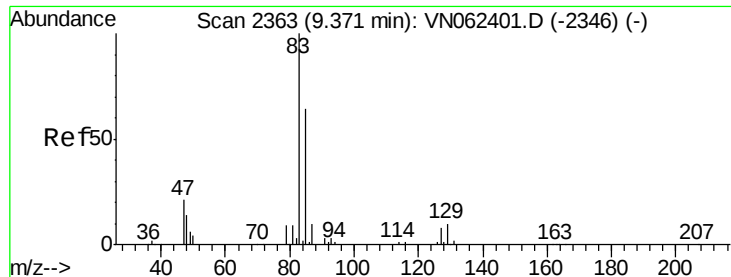


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.919 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

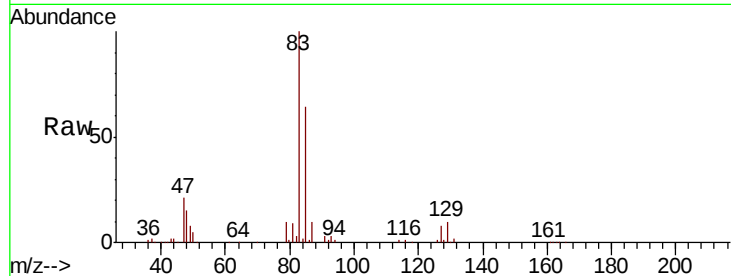
Tot Ion: 83 Resp: 202755

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

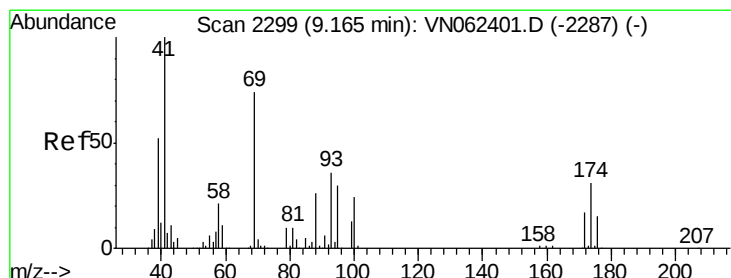
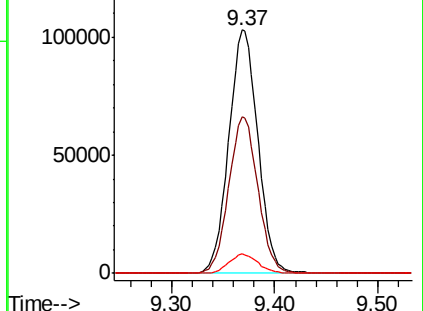
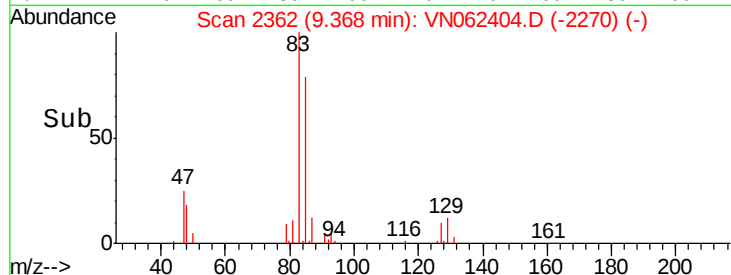
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062404.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062404.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062404.D (-2270) (-)



#48

Methyl methacrylate

Concen: 53.986 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

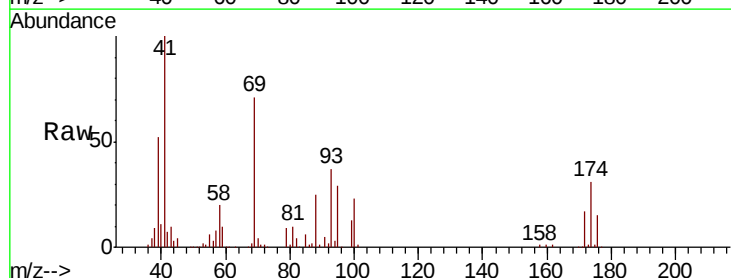
Tgt Ion: 41 Resp: 178197

Ion Ratio Lower Upper

41 100

69 74.8 60.8 91.2

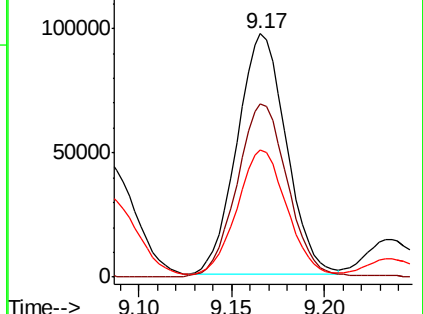
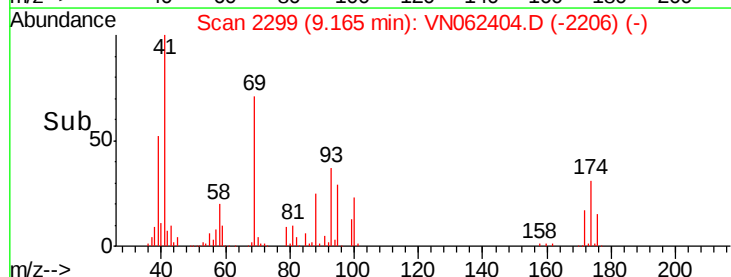
39 54.0 43.5 65.3

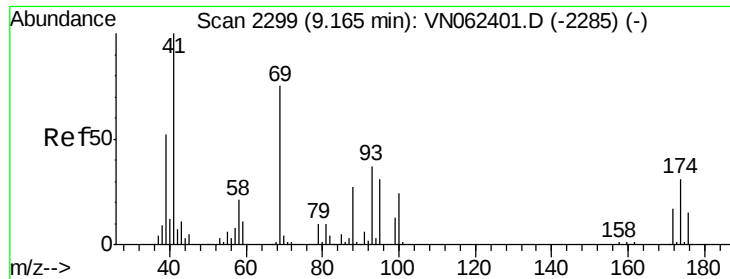


Abundance Ion 41.00 (40.70 to 41.70): VN062404.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062404.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062404.D (-2206) (-)

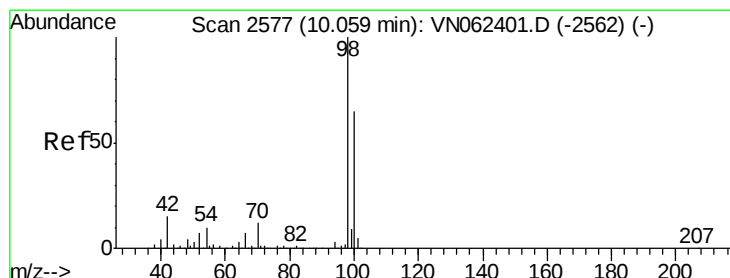
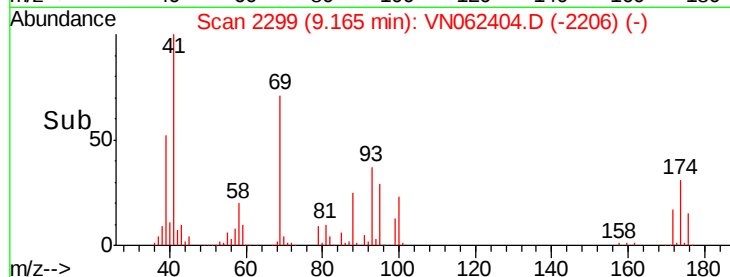
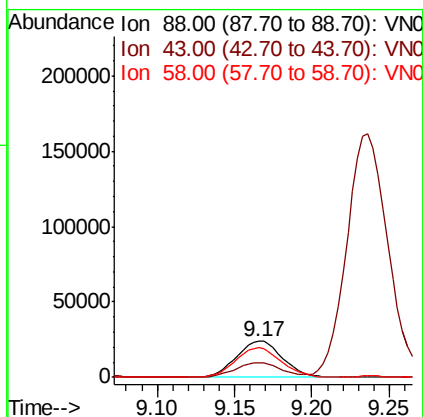
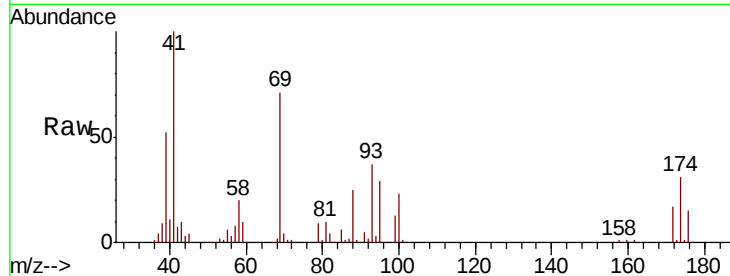




#49
1,4-Dioxane
Concen: 1041.070 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

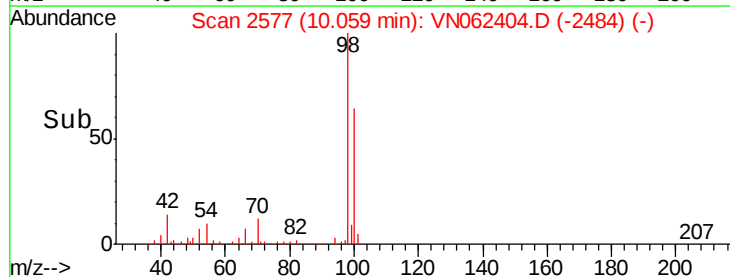
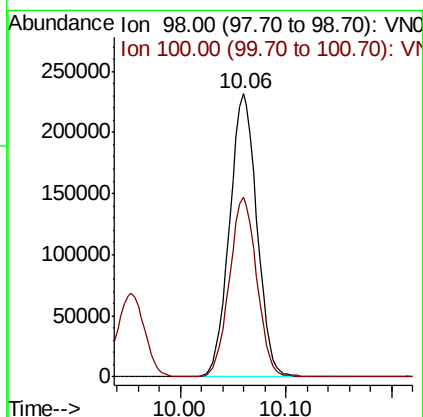
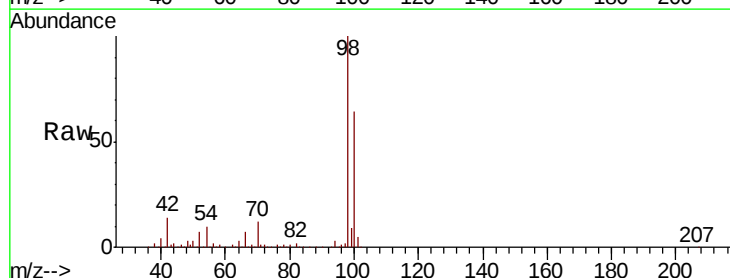
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion: 88 Resp: 50017
Ion Ratio Lower Upper
88 100
43 40.3 31.0 46.4
58 80.5 63.3 94.9



#50
Toluene-d8
Concen: 47.125 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 98 Resp: 415802
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 270.796 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

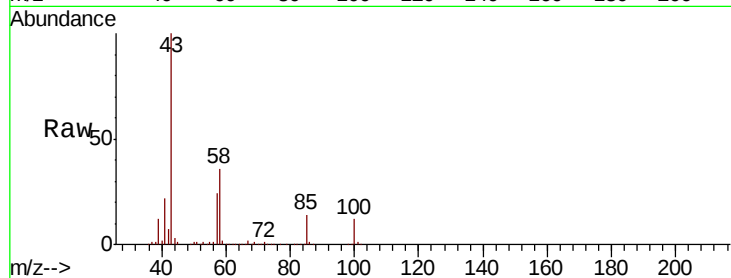
ICVVN070820

Tot Ion: 43 Resp: 1088367

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062404.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062404.D (-2527) (-)

9.95

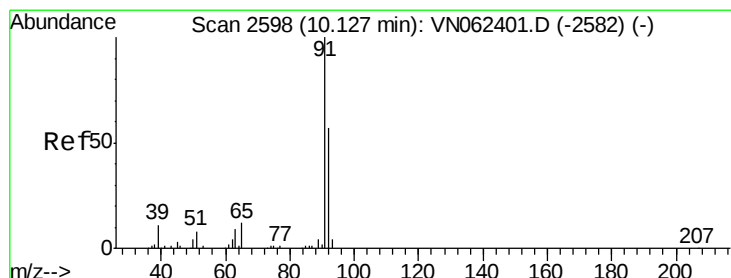
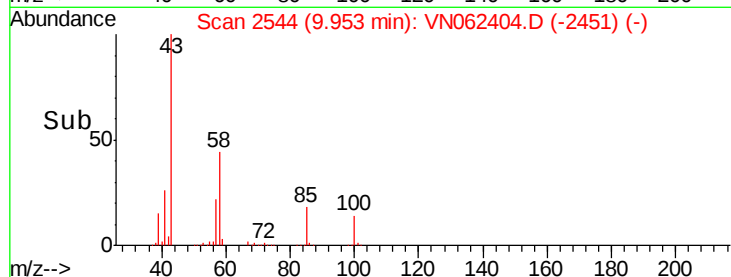
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.432 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062404.D

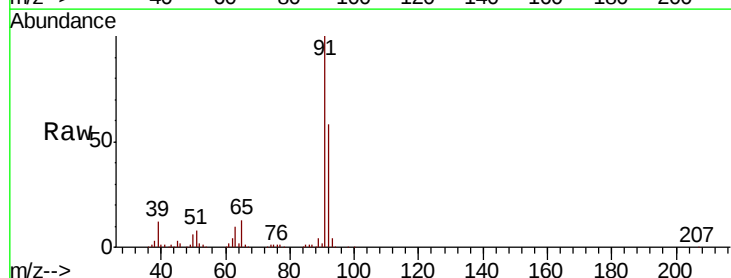
Acq: 8 Jul 2020 13:09

Tgt Ion: 92 Resp: 337556

Ion Ratio Lower Upper

92 100

91 174.6 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062404.D (-2598) (-)

Ion 91.00 (90.70 to 91.70): VN062404.D (-2598) (-)

10.12

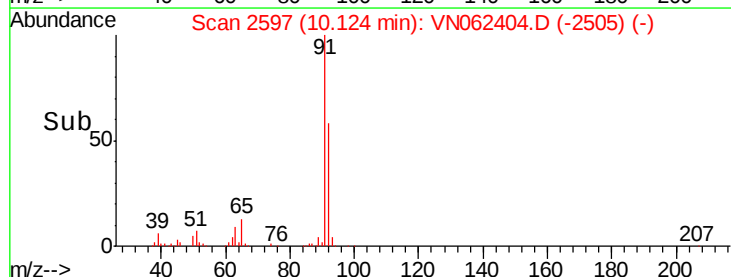
300000

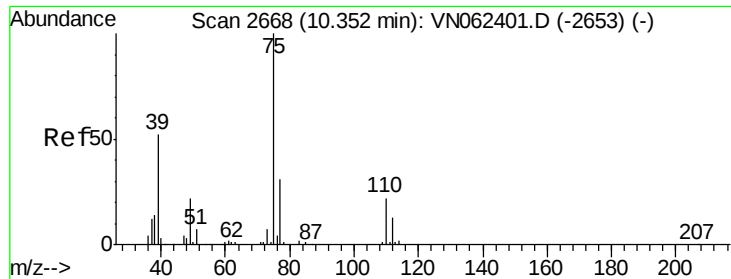
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.853 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

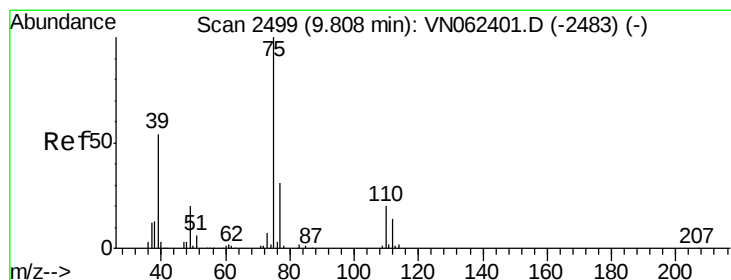
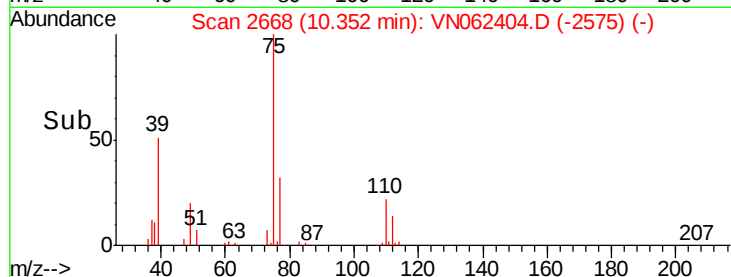
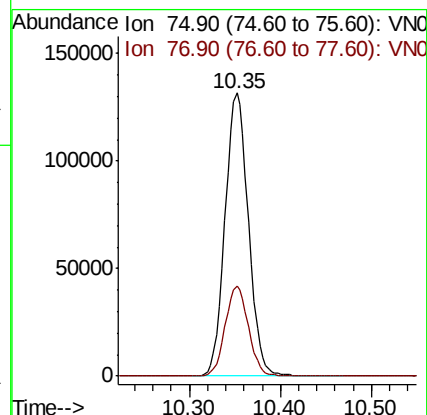
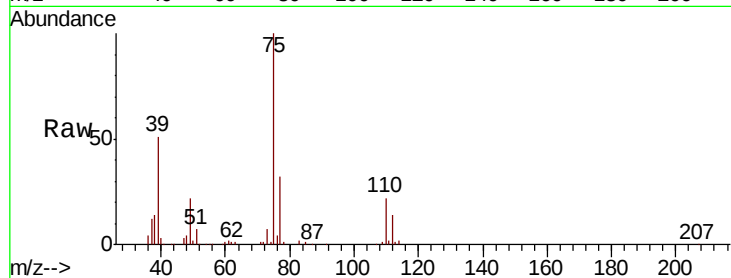
ICVVN070820

Tot Ion: 75 Resp: 235303

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 55.210 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

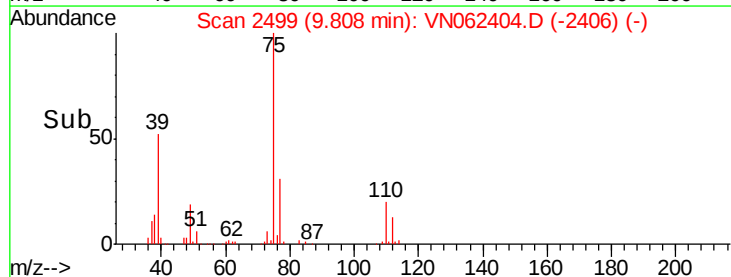
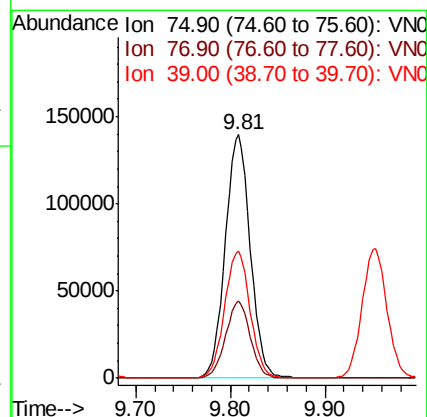
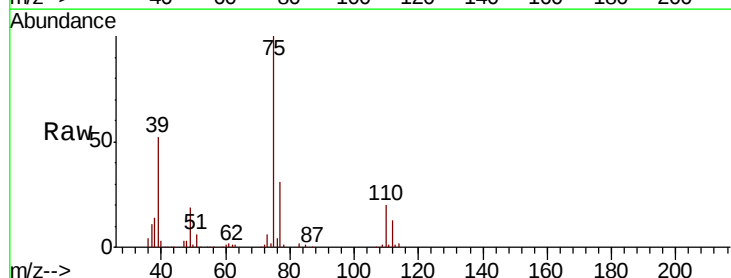
Tgt Ion: 75 Resp: 256630

Ion Ratio Lower Upper

75 100

77 31.5 24.5 36.7

39 52.2 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 53.961 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

Tot Ion: 97 Resp: 131614

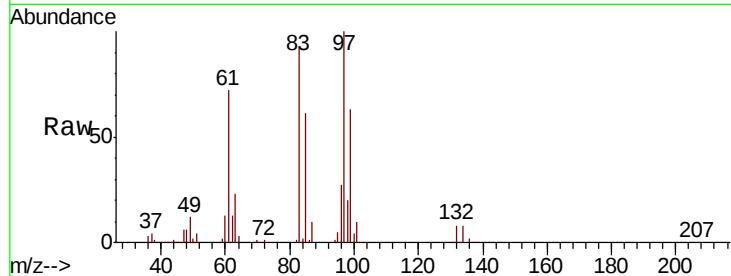
Ion Ratio Lower Upper

97 100

83 93.3 71.0 106.4

85 60.8 46.2 69.4

99 62.8 49.7 74.5

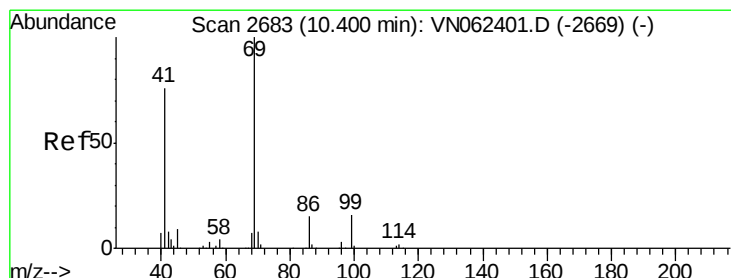
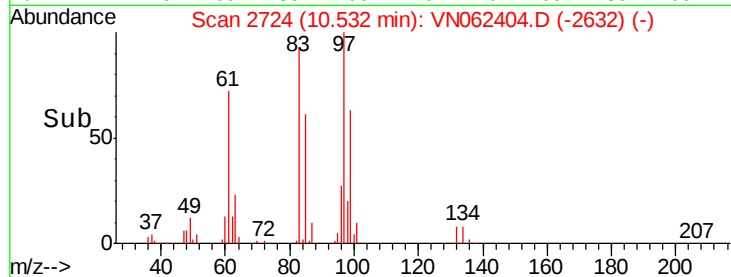
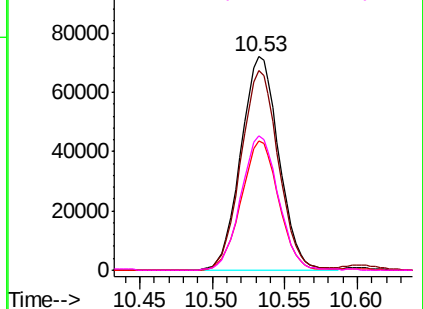


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 51.107 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

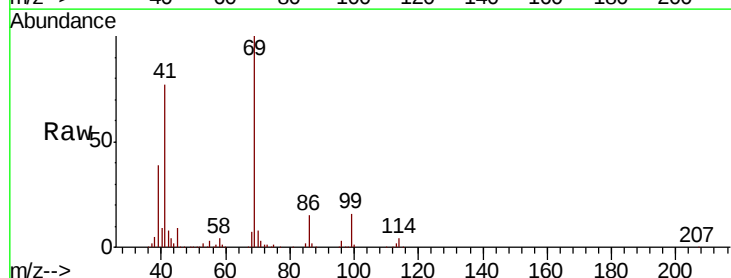
Tgt Ion: 69 Resp: 229581

Ion Ratio Lower Upper

69 100

41 75.7 59.7 89.5

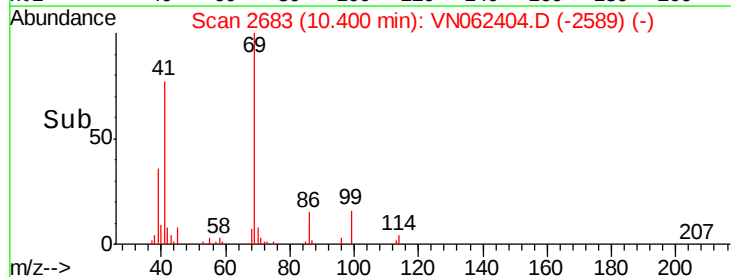
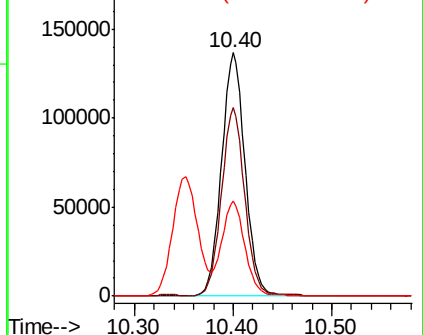
39 38.1 30.6 45.8

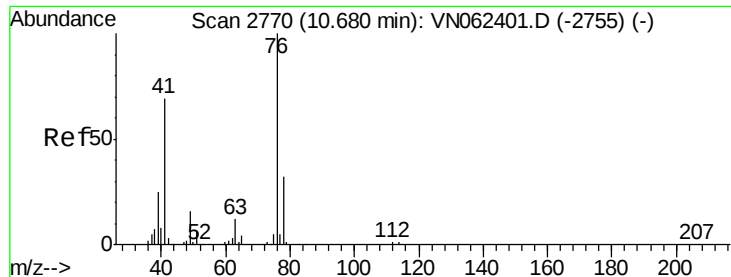


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 54.026 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

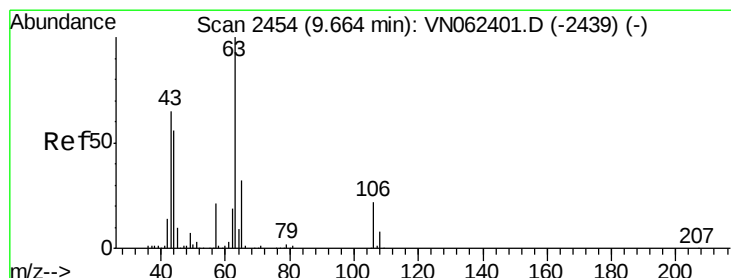
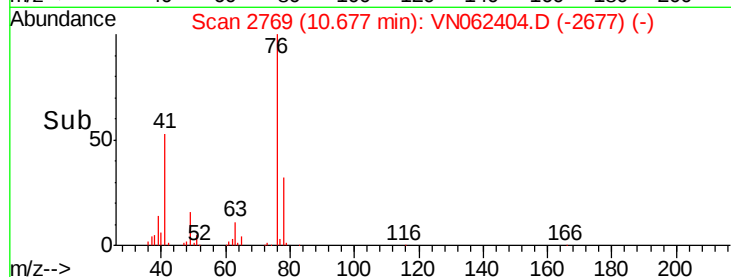
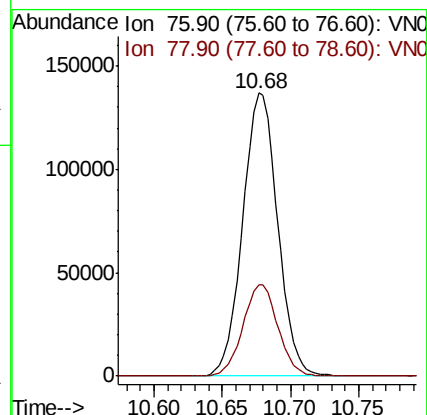
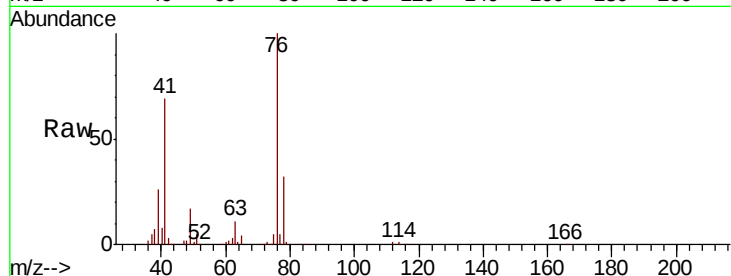
ICVVN070820

Tot Ion: 76 Resp: 243446

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.267 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062404.D

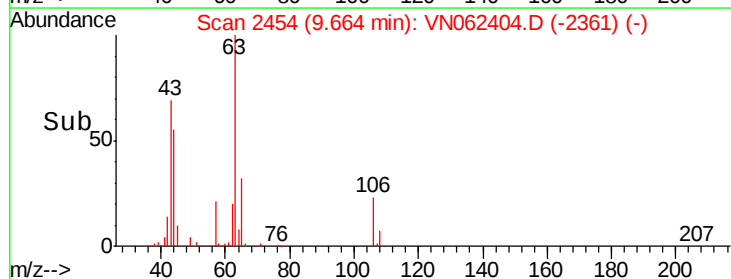
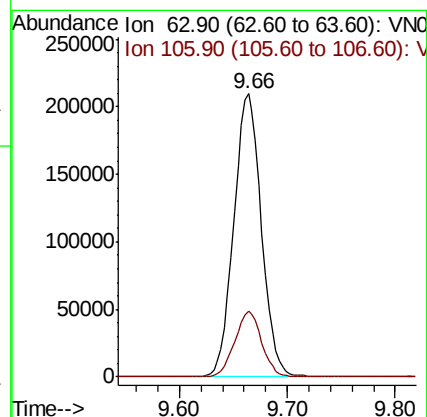
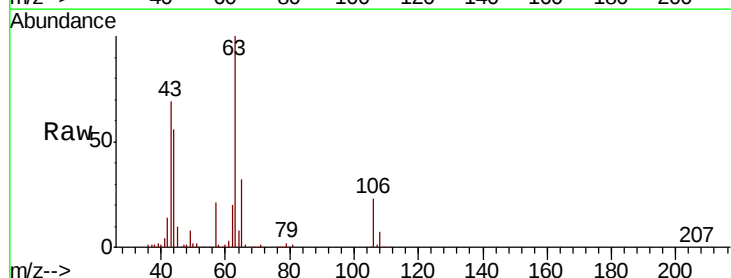
Acq: 8 Jul 2020 13:09

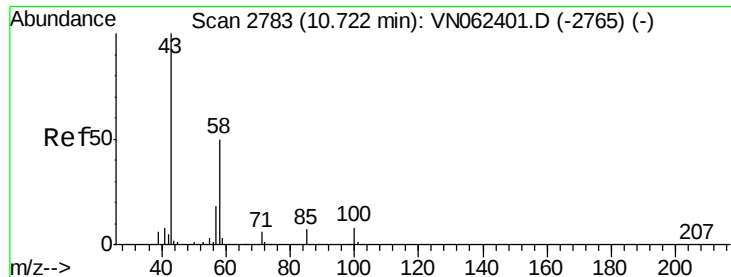
Tgt Ion: 63 Resp: 373712

Ion Ratio Lower Upper

63 100

106 22.7 17.6 26.4

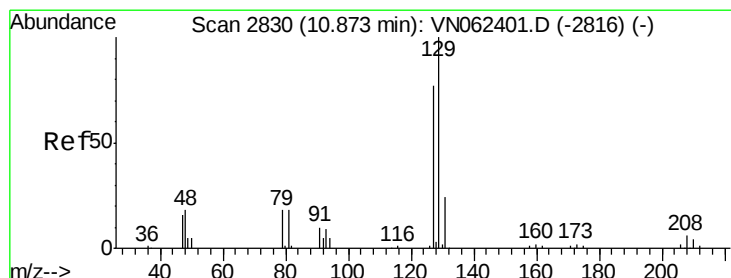
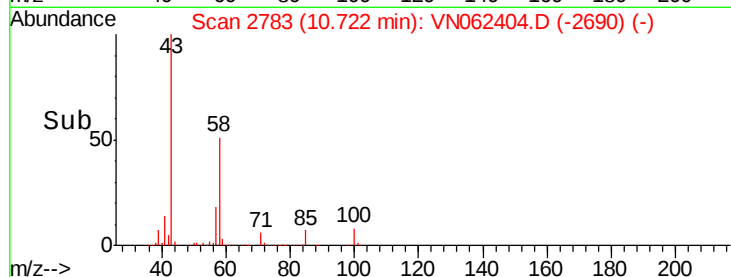
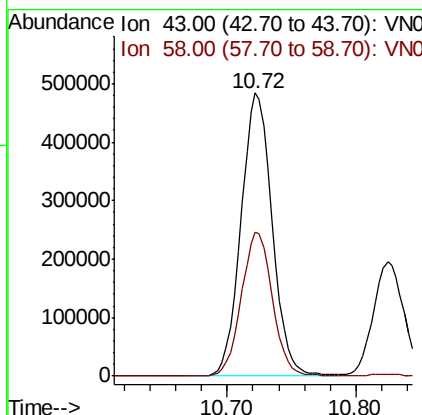
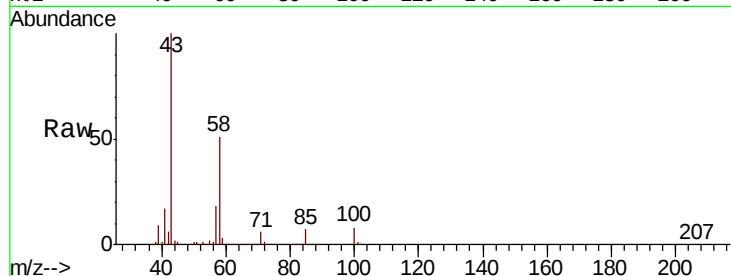




#59
2-Hexanone
Concen: 278.415 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

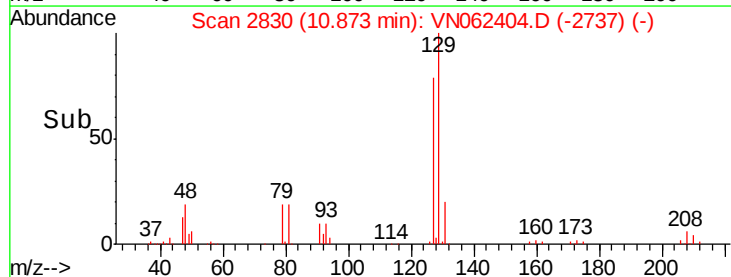
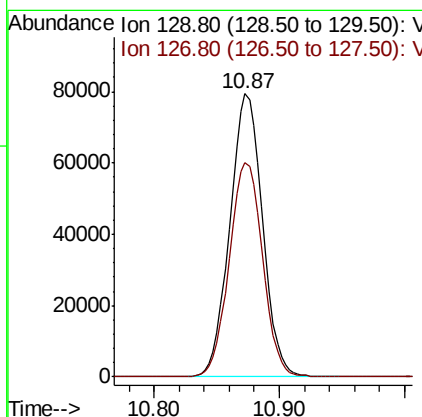
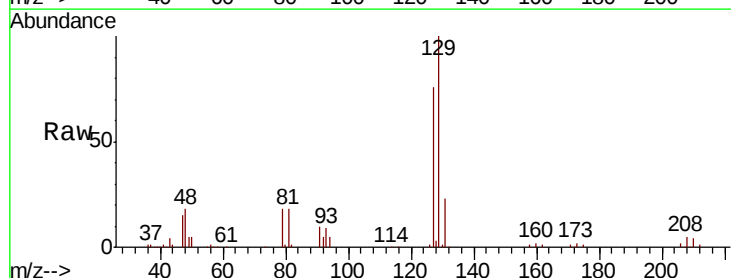
Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

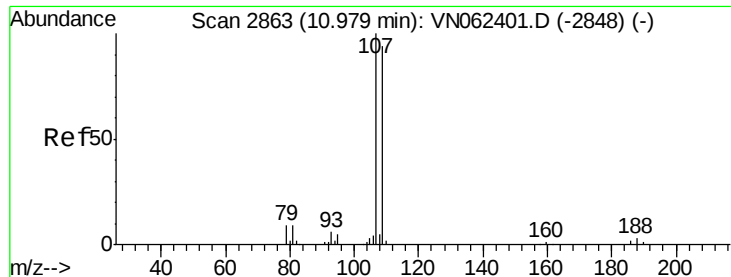
Tot Ion: 43 Resp: 812353
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.2



#60
Dibromochloromethane
Concen: 54.208 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 129 Resp: 143360
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8

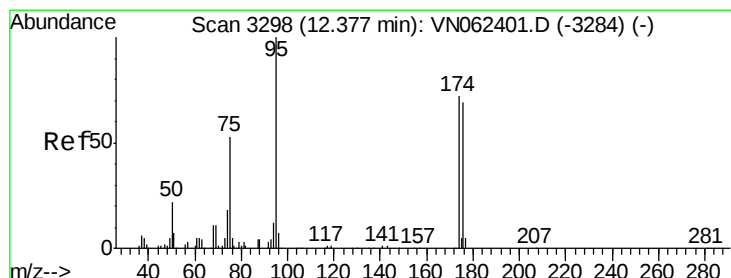
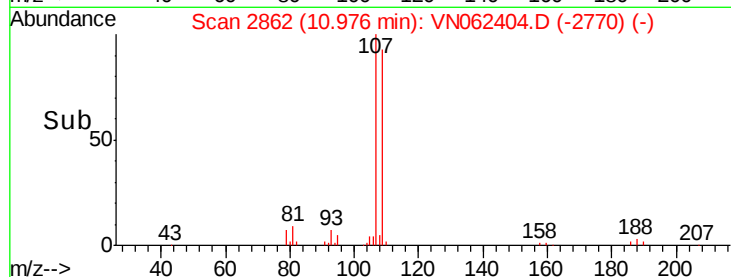
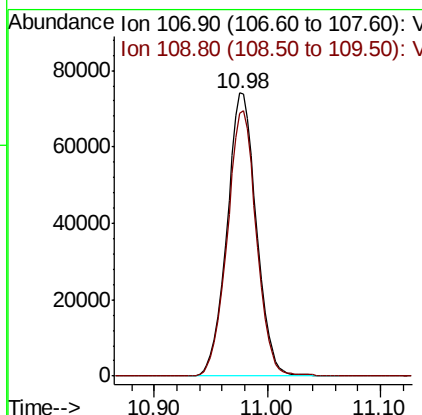
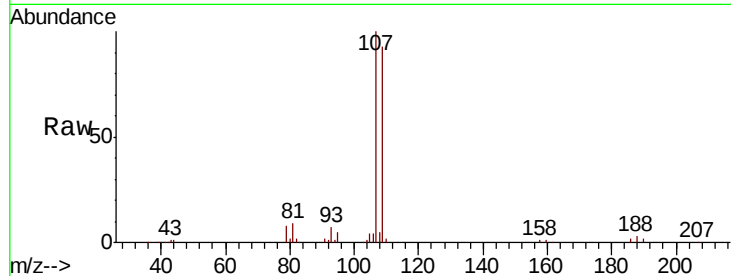




#61
 1,2-Dibromoethane
 Concen: 54.375 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

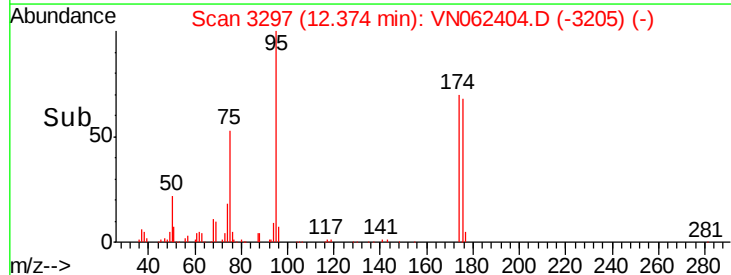
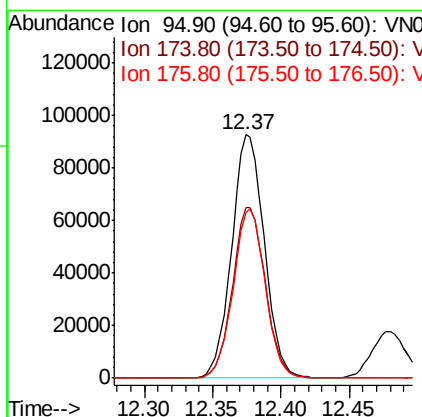
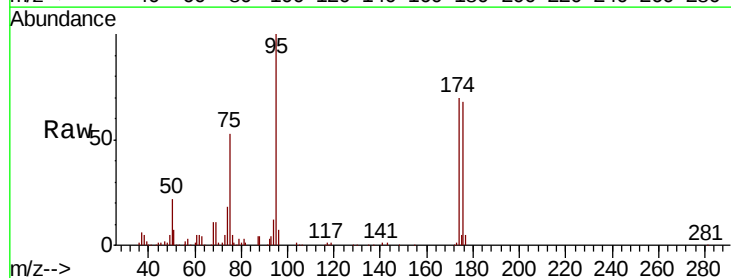
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

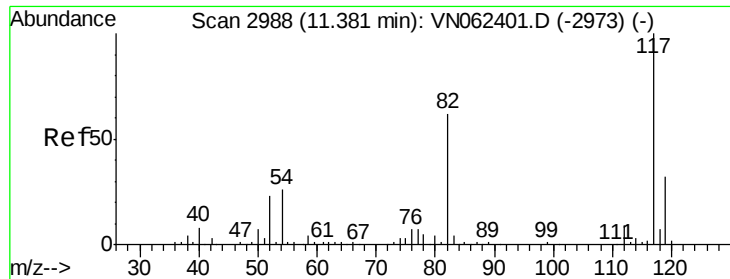
Tot Ion:107 Resp: 133879
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.733 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 95 Resp: 153908
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 141.6
 176 67.9 0.0 137.2

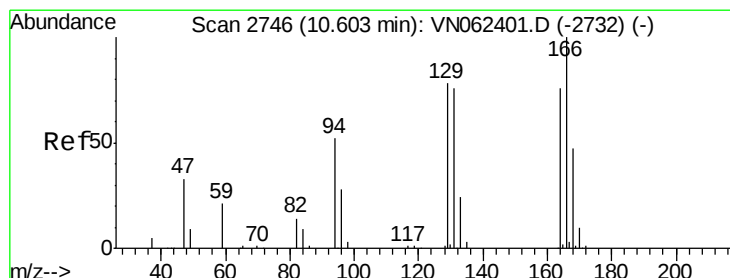
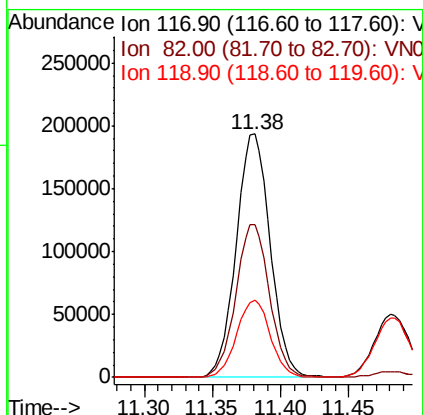
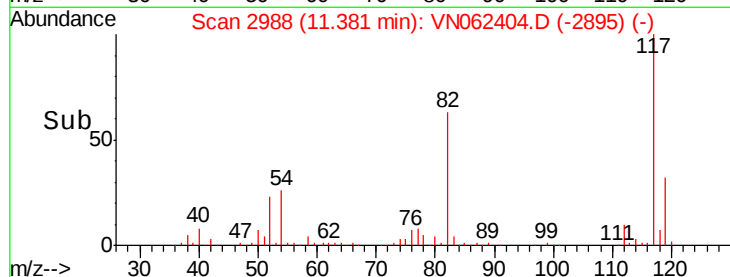
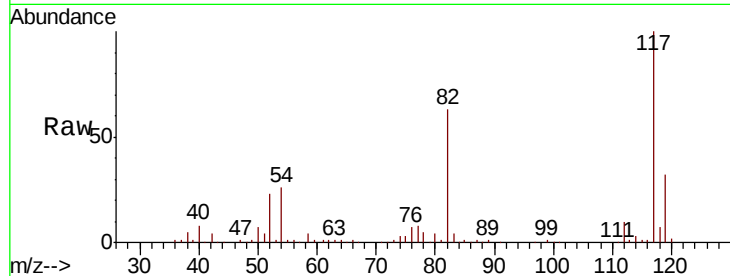




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

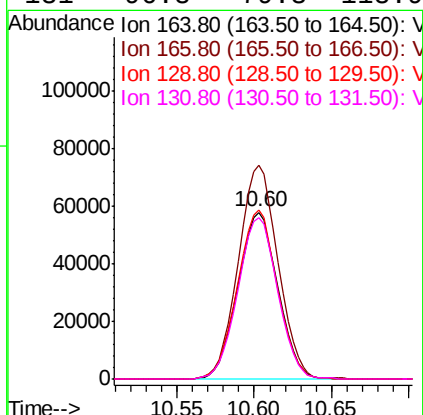
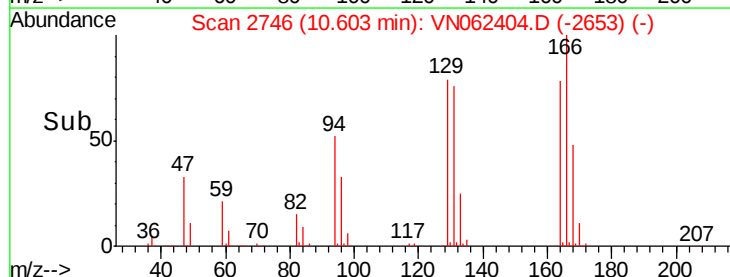
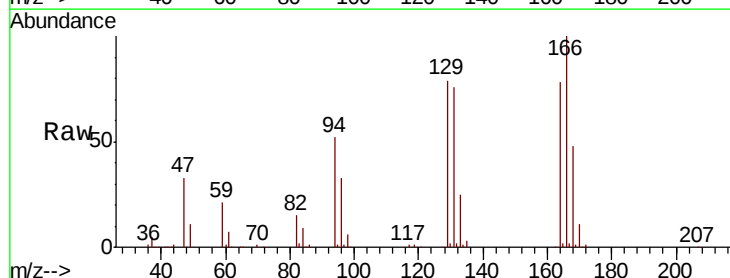
Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

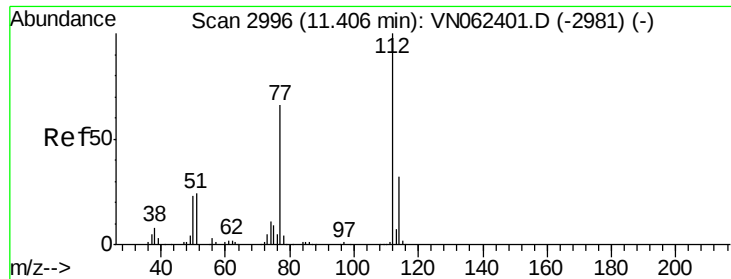
Tot Ion:117 Resp: 335913
Ion Ratio Lower Upper
117 100
82 62.7 49.6 74.4
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 52.184 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:164 Resp: 104019
Ion Ratio Lower Upper
164 100
166 128.1 104.9 157.3
129 101.4 81.8 122.6
131 96.8 79.3 118.9

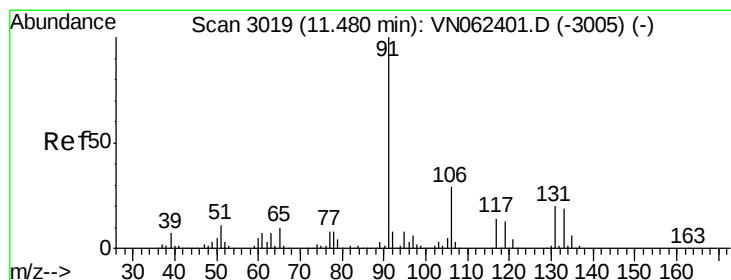
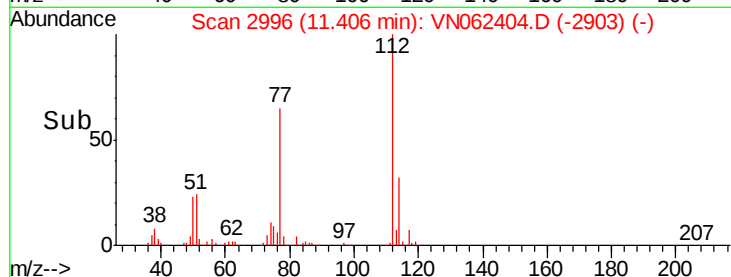
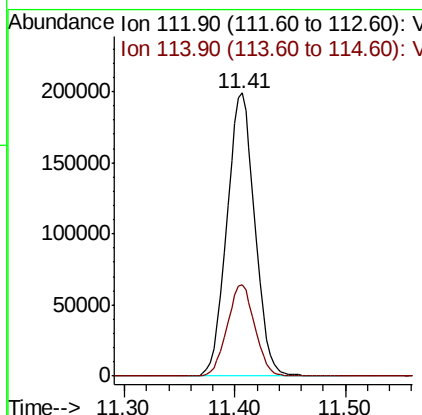
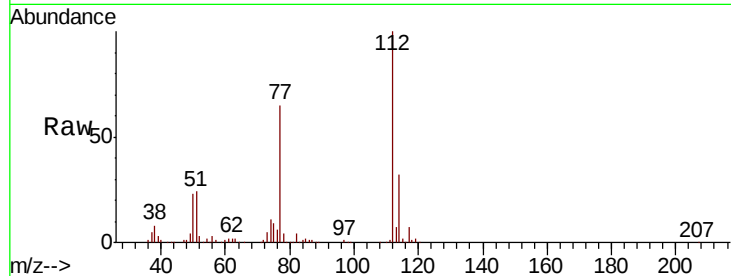




#65
Chlorobenzene
Concen: 53.290 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

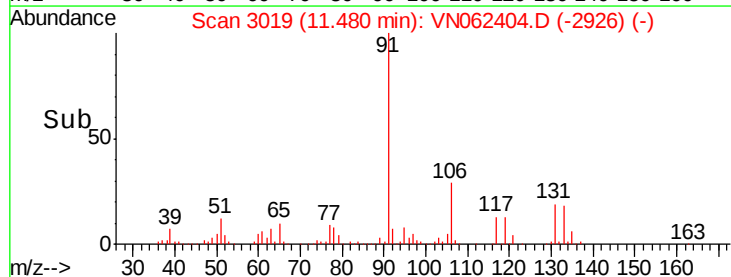
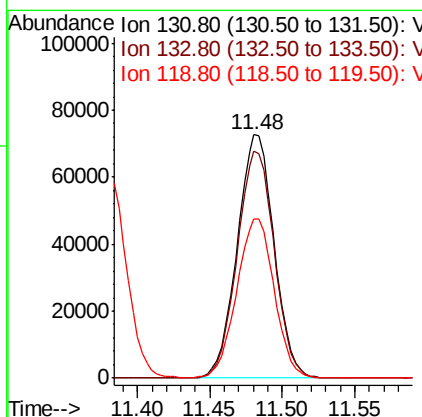
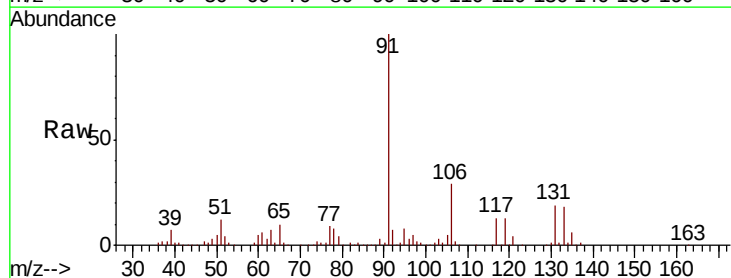
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

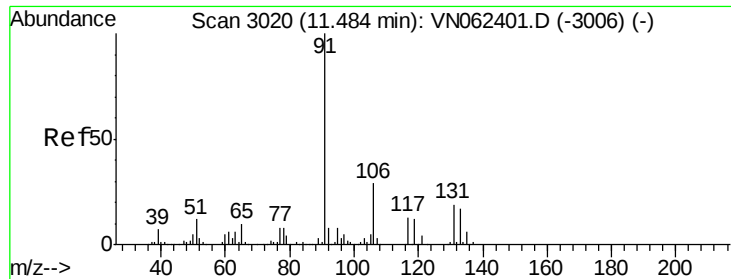
Tot Ion:112 Resp: 347912
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.296 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:131 Resp: 128312
Ion Ratio Lower Upper
131 100
133 94.1 46.9 140.8
119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 53.894 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

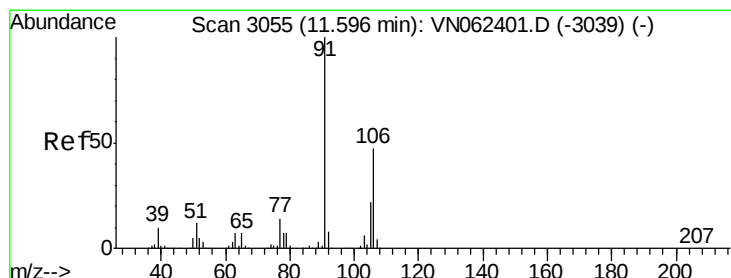
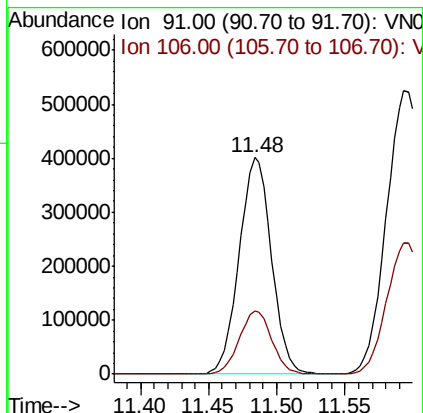
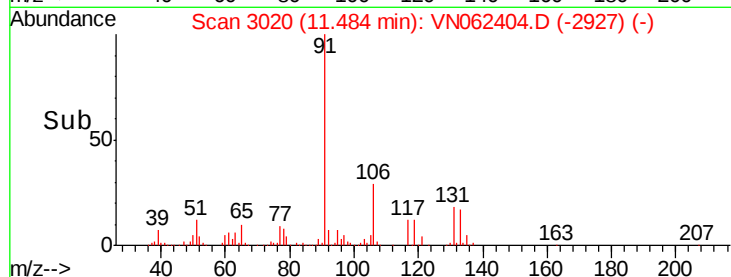
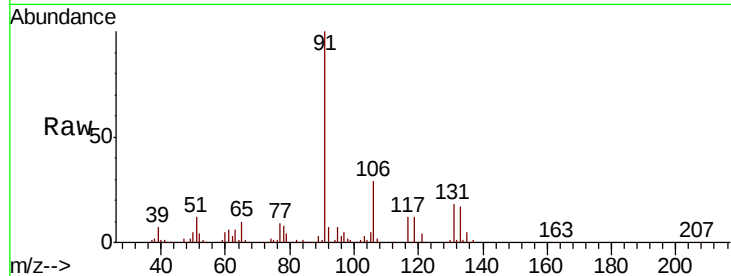
ICVVN070820

Tot Ion: 91 Resp: 660454

Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



#68

m/p-Xylenes

Concen: 108.623 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062404.D

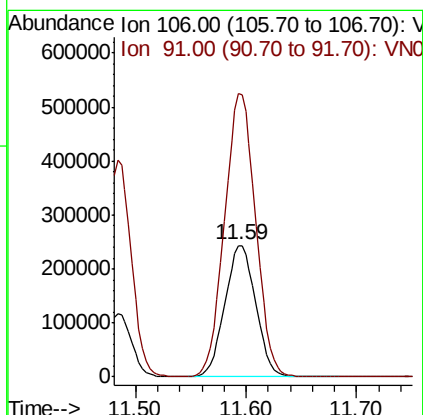
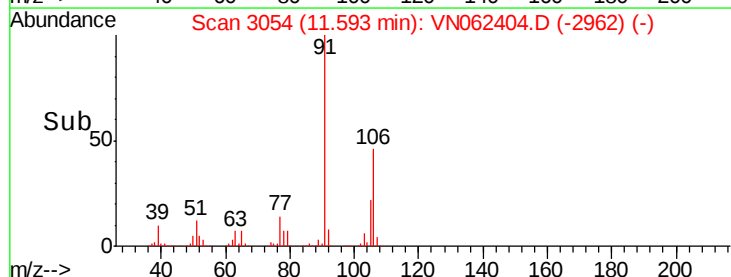
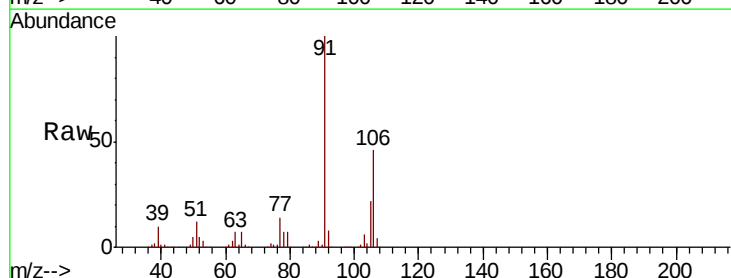
Acq: 8 Jul 2020 13:09

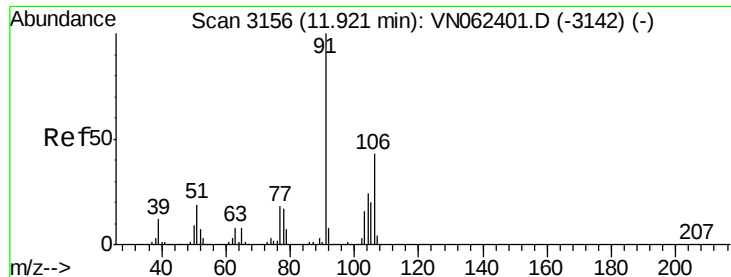
Tgt Ion: 106 Resp: 471235

Ion Ratio Lower Upper

106 100

91 217.1 172.4 258.6

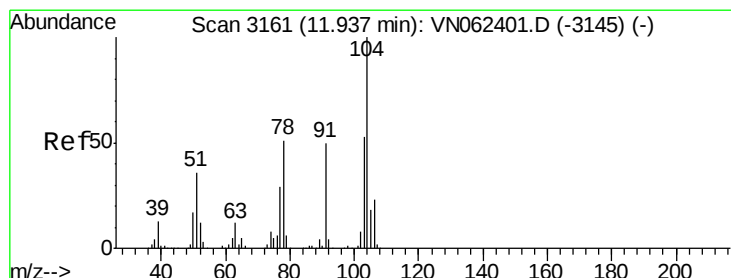
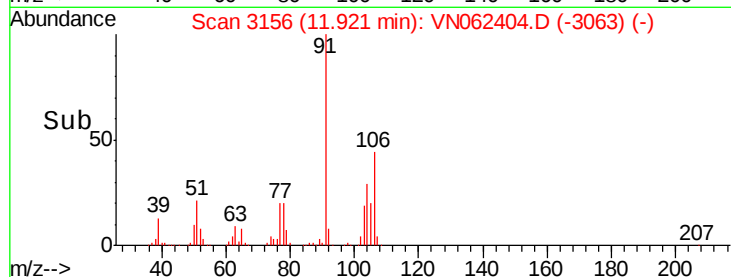
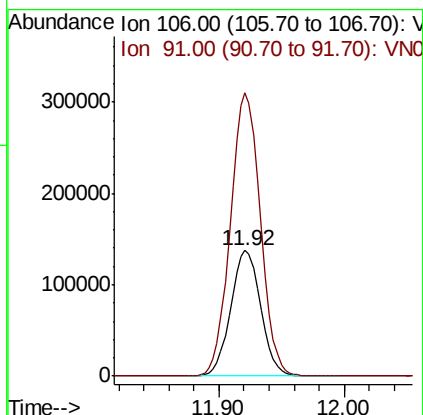
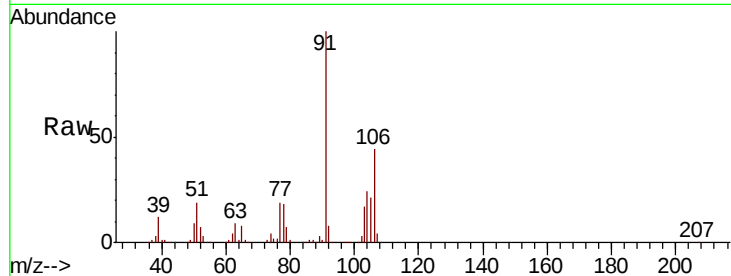




#69
o-Xylene
Concen: 54.032 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

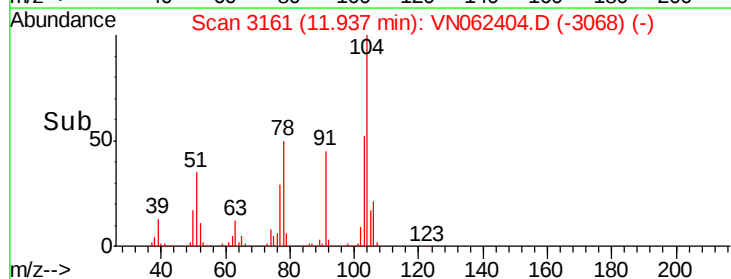
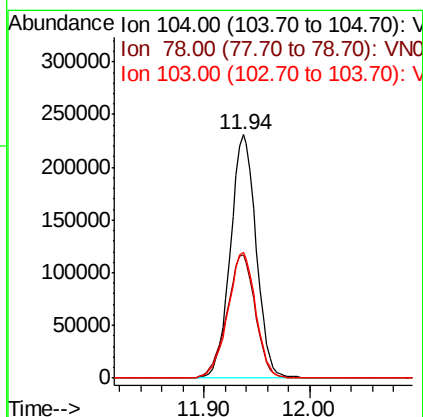
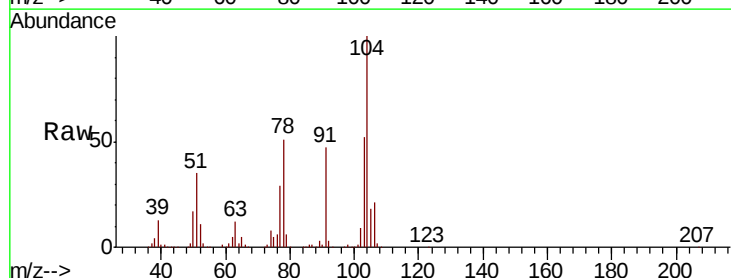
Instrument :
MSVOA_N
ClientSampleId :
ICVFN070820

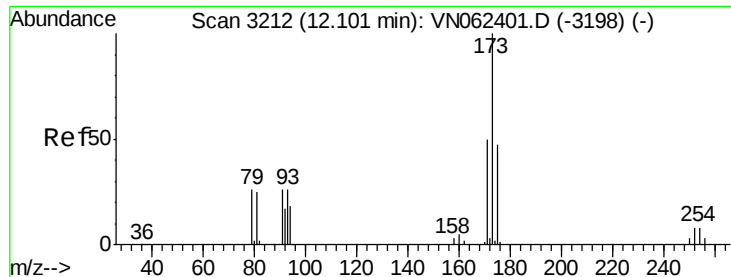
Tot Ion:106 Resp: 228226
Ion Ratio Lower Upper
106 100
91 225.7 113.8 341.4



#70
Styrene
Concen: 55.774 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:104 Resp: 389349
Ion Ratio Lower Upper
104 100
78 55.9 44.2 66.4
103 56.0 44.4 66.6

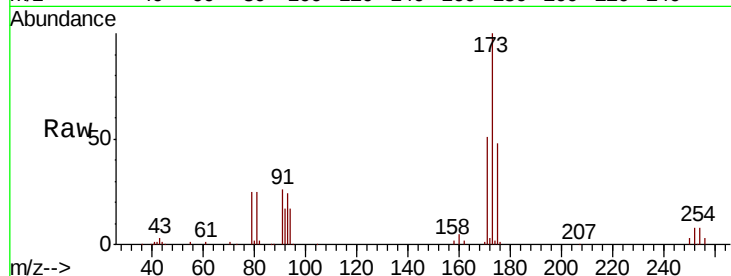




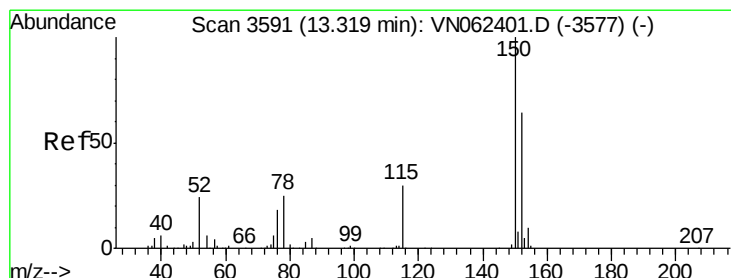
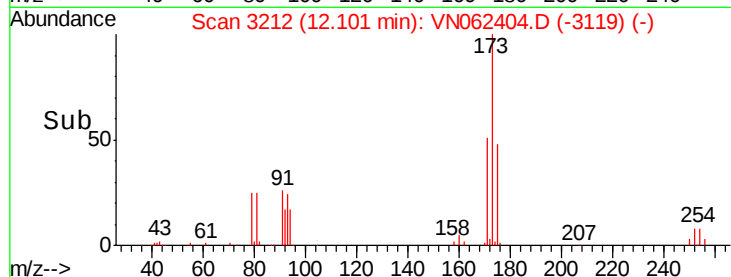
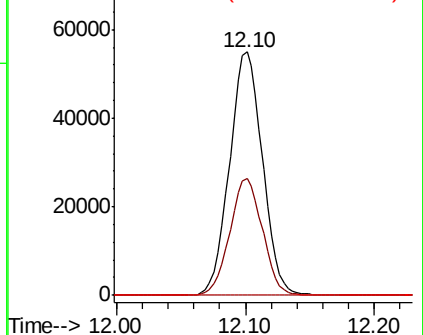
#71
Bromoform
Concen: 55.265 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion:173 Resp: 97537
Ion Ratio Lower Upper
173 100
175 47.4 23.7 71.1
254 0.0 0.0 0.0

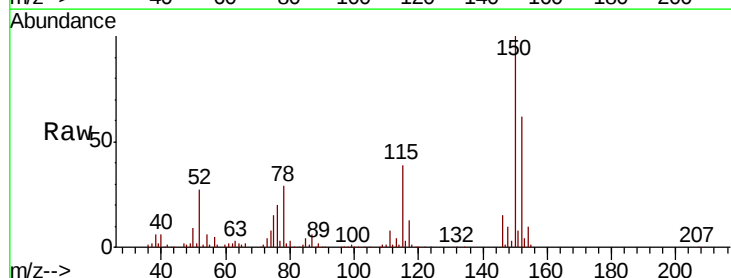


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

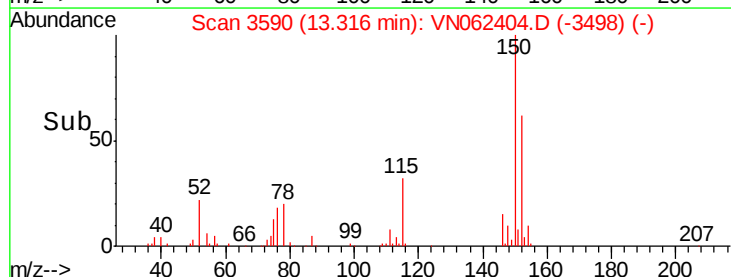
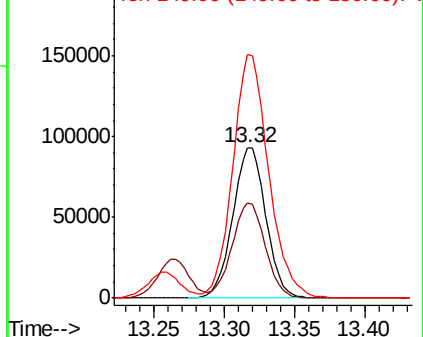


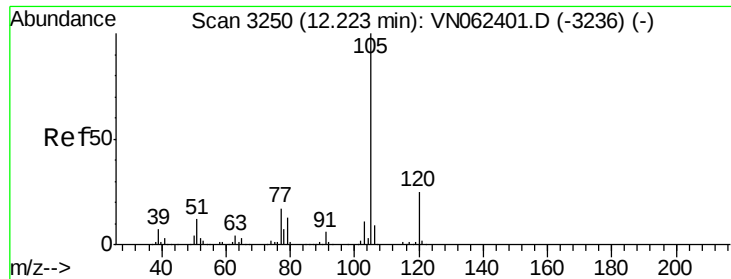
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:152 Resp: 153323
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.2
150 175.6 0.0 347.4



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





#73

Isopropylbenzene

Concen: 51.950 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

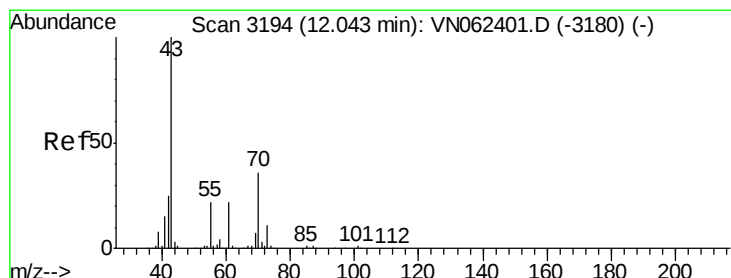
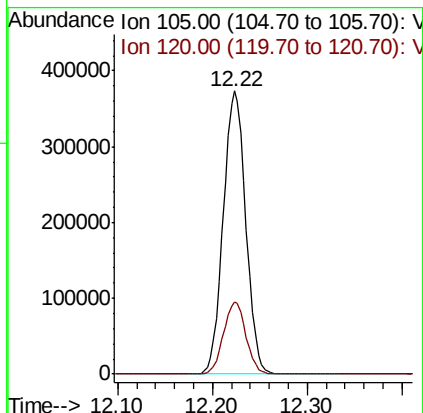
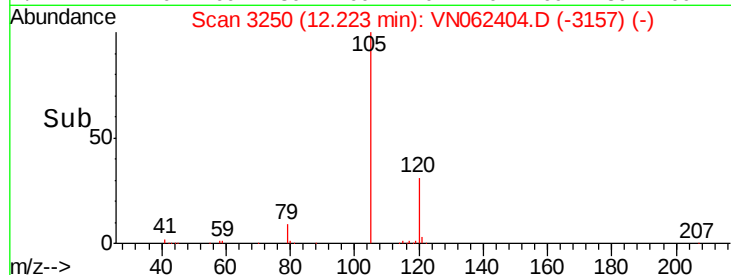
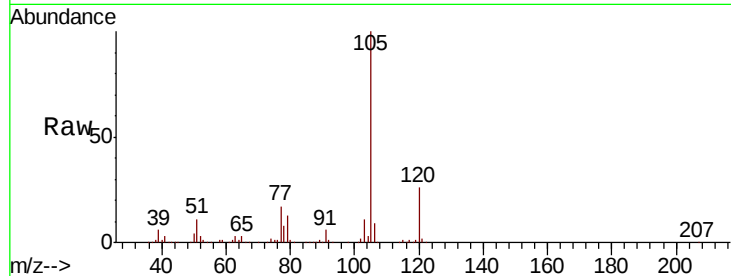
ICVVN070820

Tot Ion:105 Resp: 616358

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.1



#74

N-ethyl acetate

Concen: 55.692 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion: 43 Resp: 321606

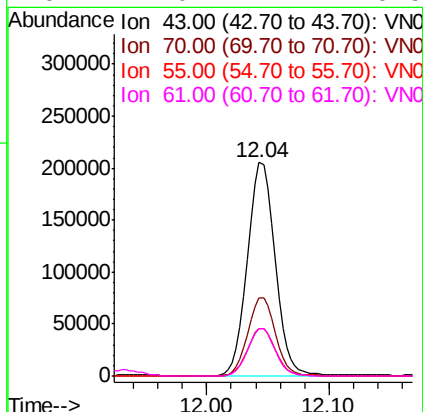
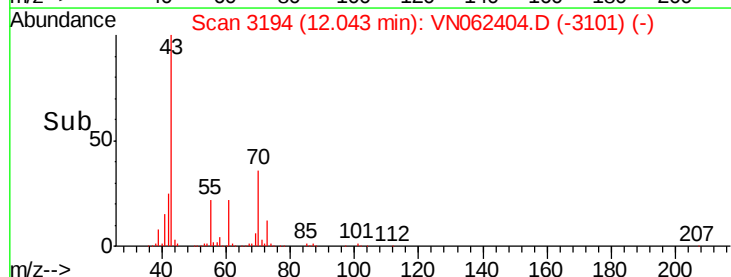
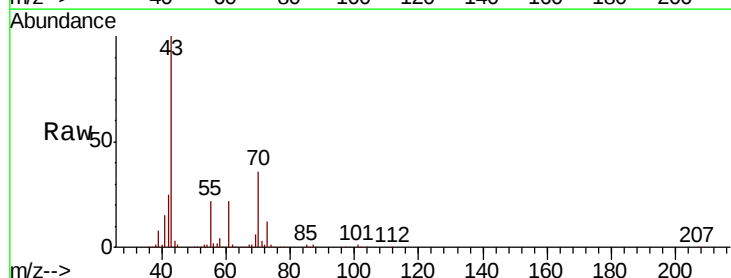
Ion Ratio Lower Upper

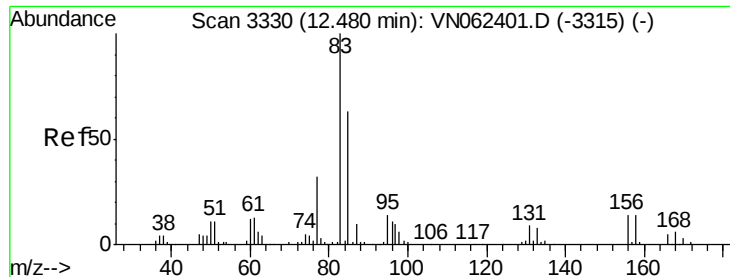
43 100

70 36.5 30.0 45.0

55 22.7 18.2 27.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.239 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

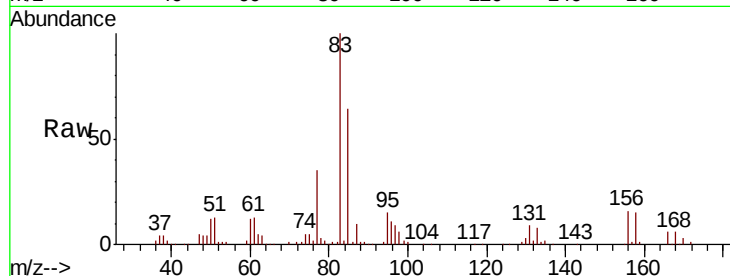
Tot Ion: 83 Resp: 200418

Ion Ratio Lower Upper

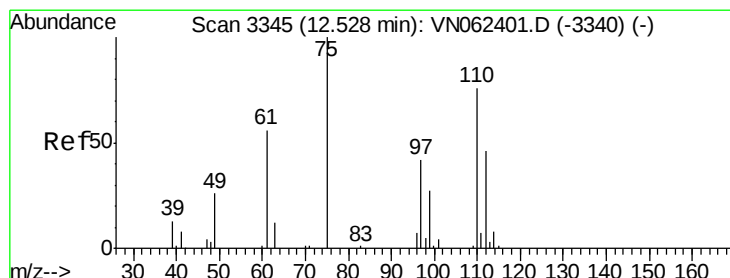
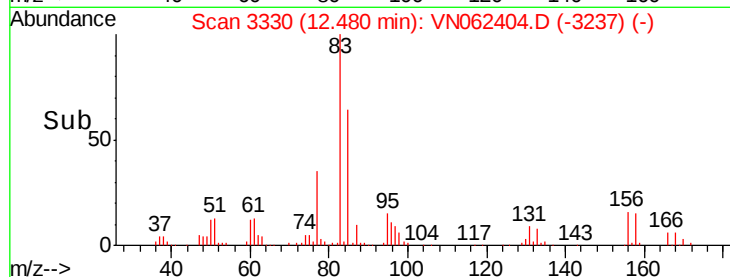
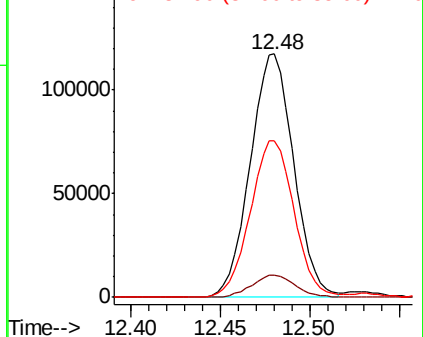
83 100

131 9.3 4.5 13.5

85 64.9 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 71.503 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062404.D

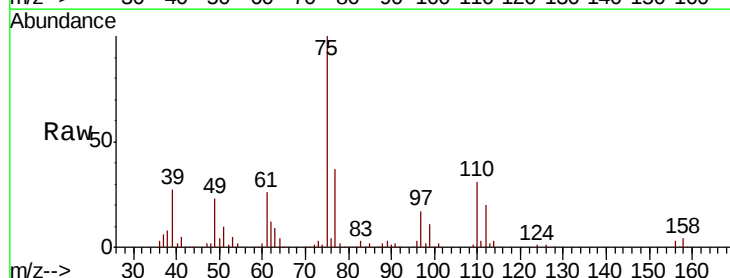
Acq: 8 Jul 2020 13:09

Tgt Ion: 75 Resp: 268998

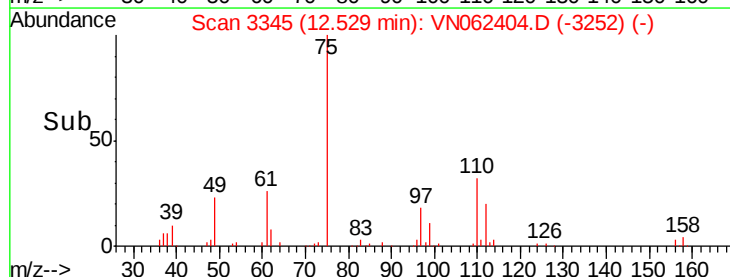
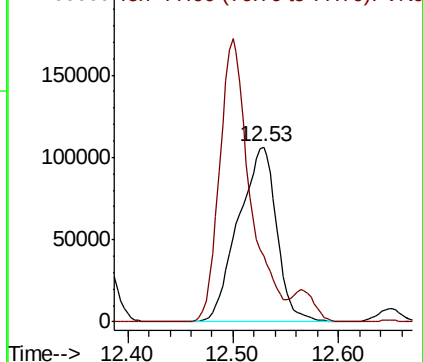
Ion Ratio Lower Upper

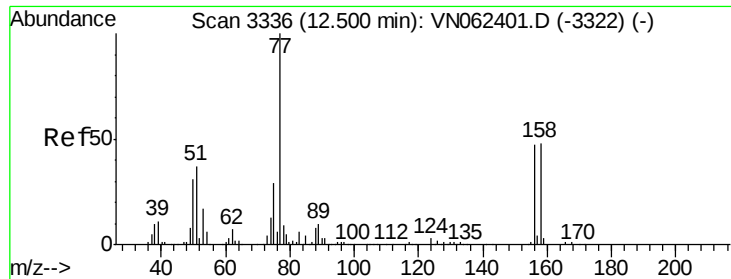
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.982 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

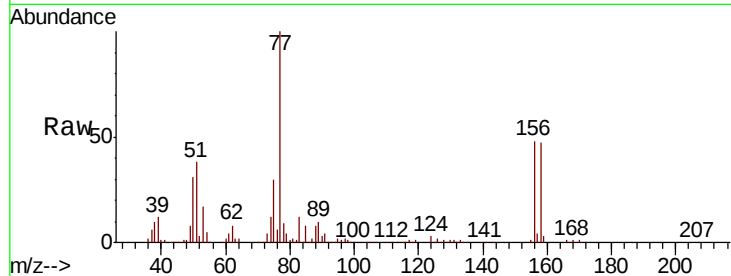
Tot Ion:156 Resp: 140209

Ion Ratio Lower Upper

156 100

77 248.2 126.4 379.3

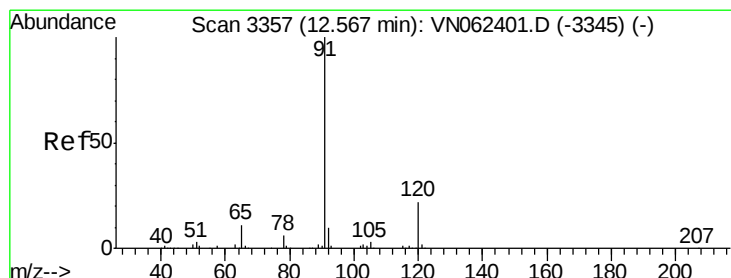
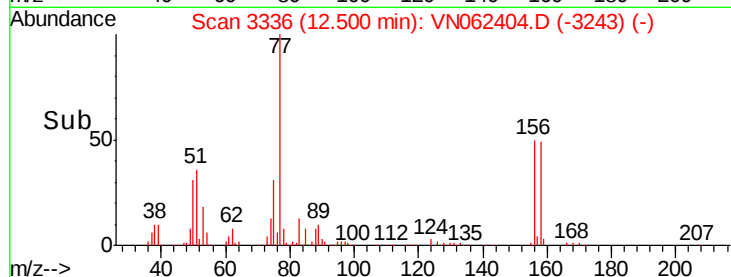
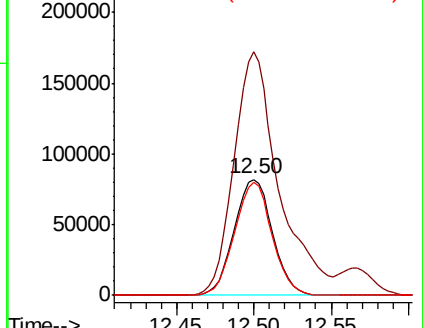
158 95.6 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.363 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062404.D

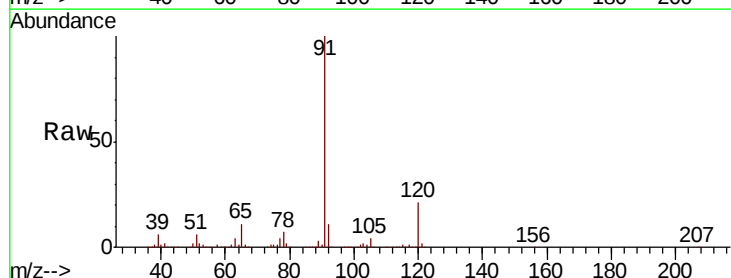
Acq: 8 Jul 2020 13:09

Tgt Ion: 91 Resp: 739554

Ion Ratio Lower Upper

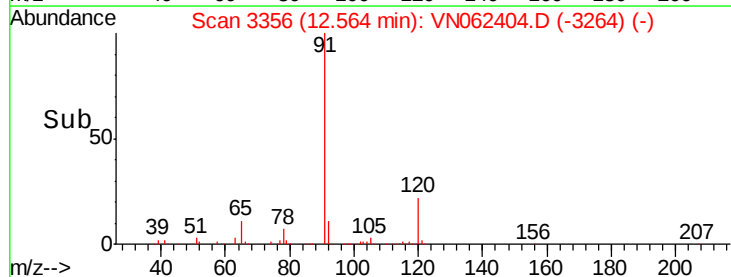
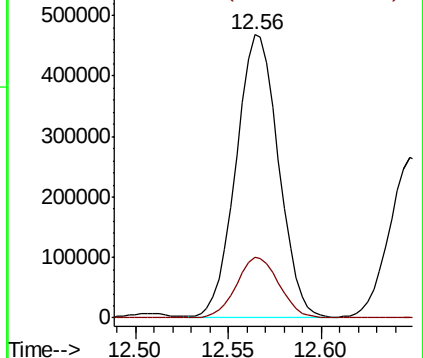
91 100

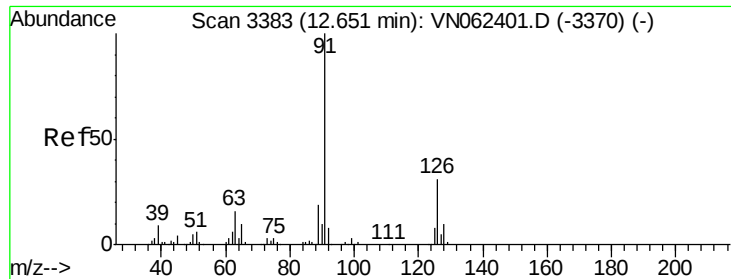
120 21.5 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

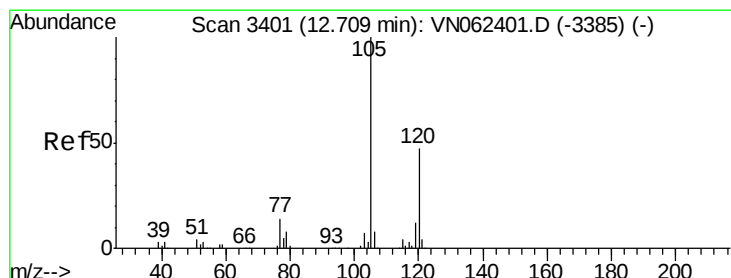
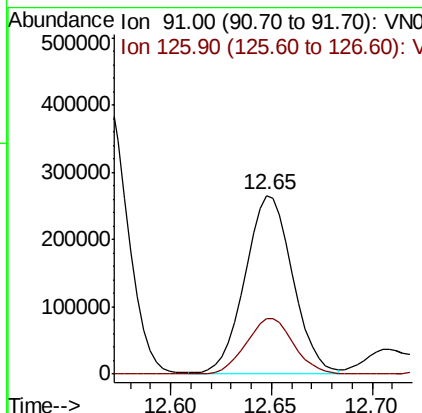
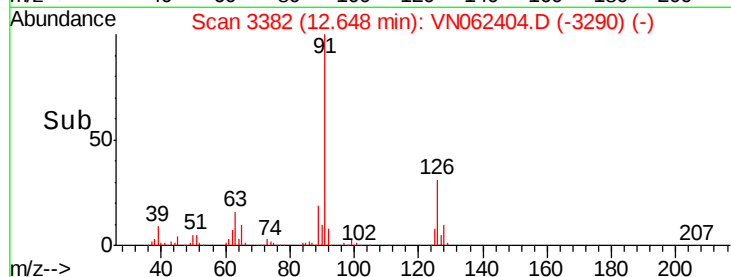
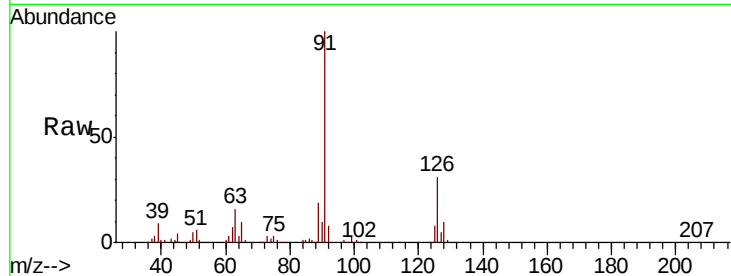




#79
 2-Chlorotoluene
 Concen: 51.923 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

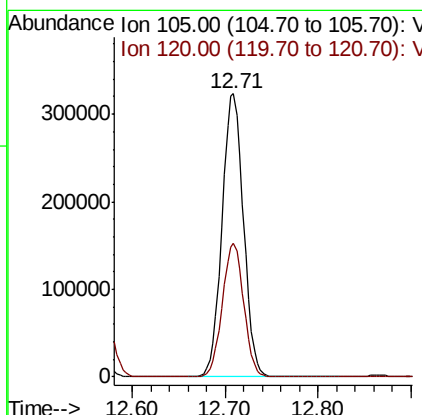
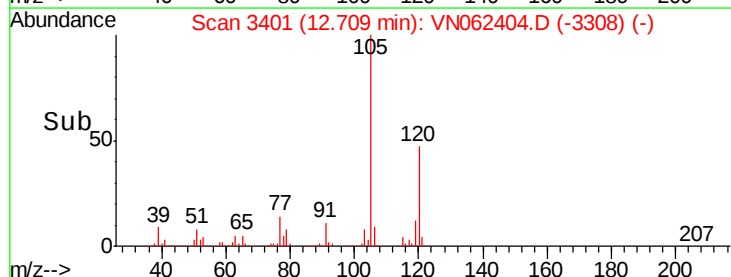
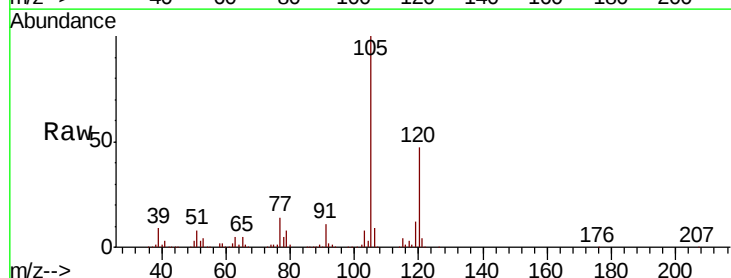
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

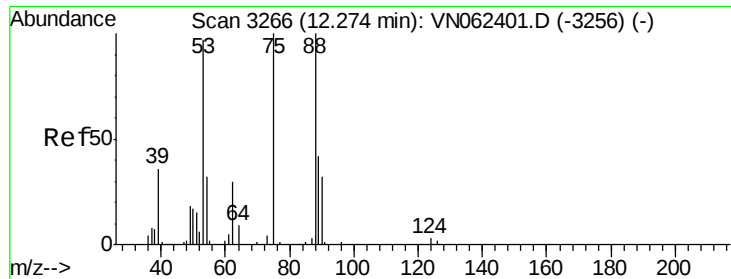
Tot Ion: 91 Resp: 436740
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 53.231 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 105 Resp: 517741
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.209 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

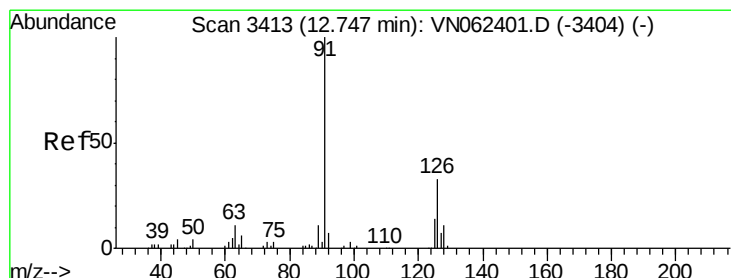
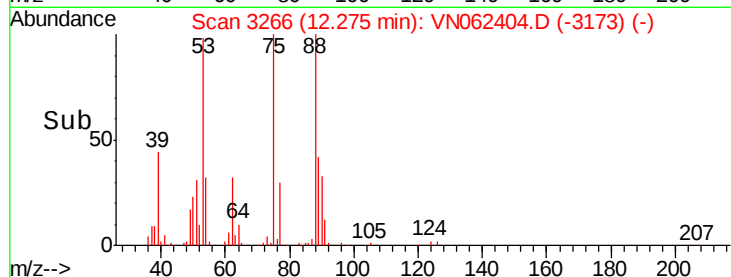
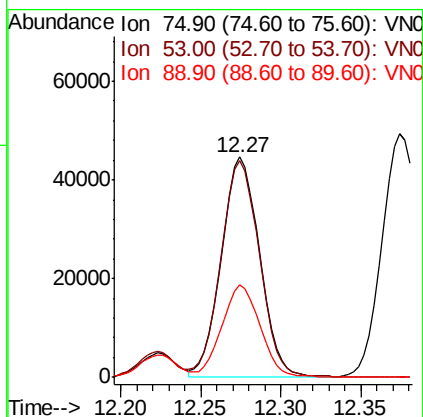
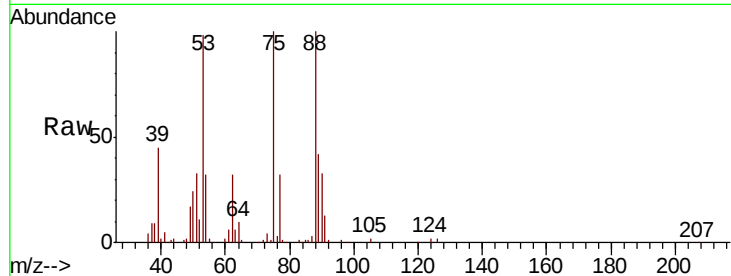
Tot Ion: 75 Resp: 73381

Ion Ratio Lower Upper

75 100

53 99.0 79.2 118.8

89 41.8 34.6 52.0



#82

4-Chlorotoluene

Concen: 53.521 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062404.D

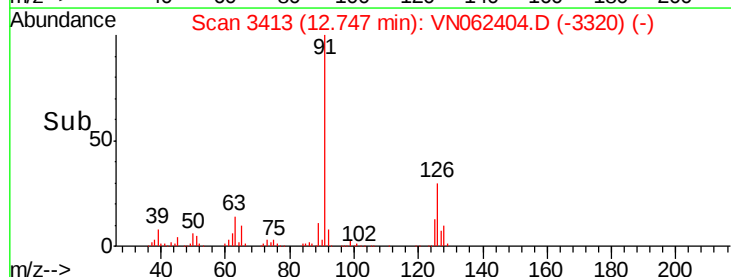
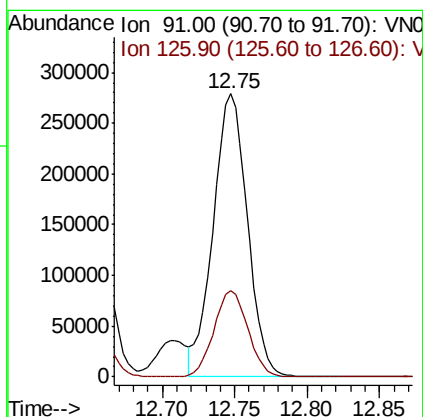
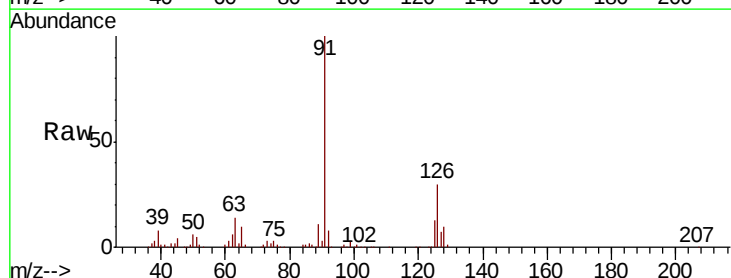
Acq: 8 Jul 2020 13:09

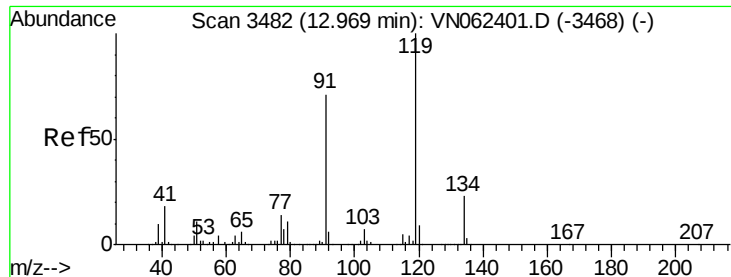
Tgt Ion: 91 Resp: 457034

Ion Ratio Lower Upper

91 100

126 30.5 15.2 45.6

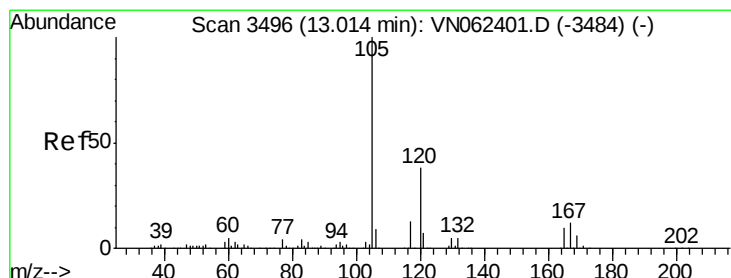
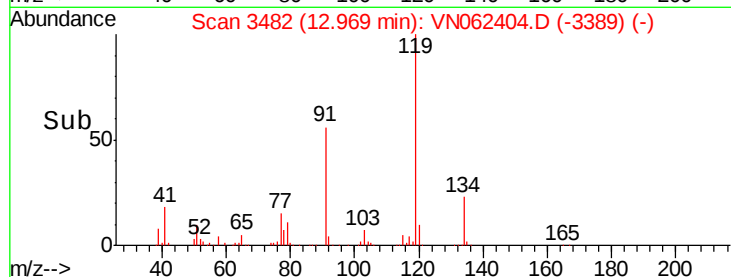
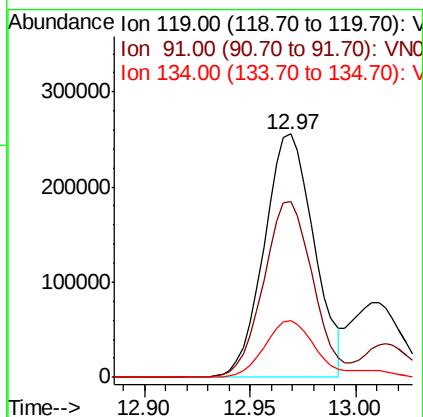
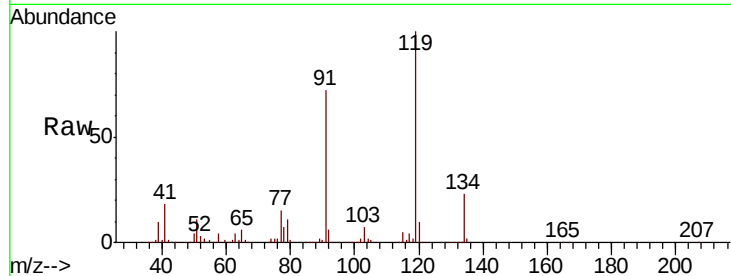




#83
tert-Butylbenzene
Concen: 50.936 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

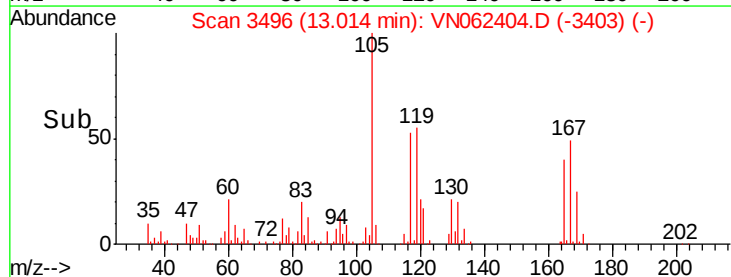
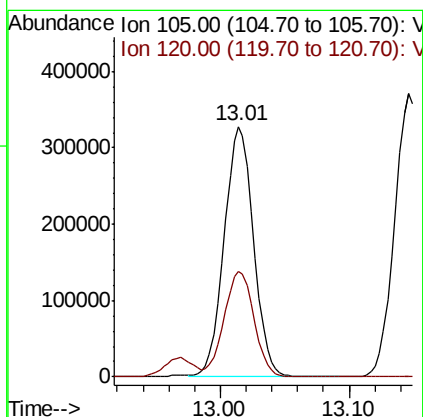
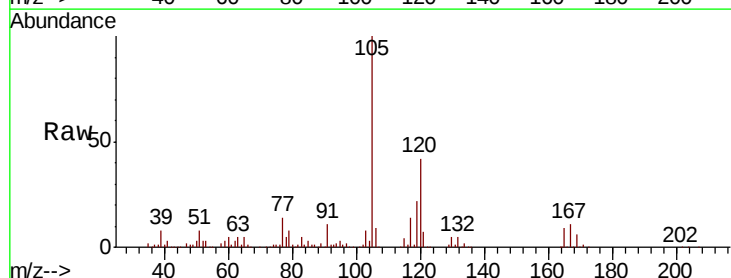
Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion:119 Resp: 420422
Ion Ratio Lower Upper
119 100
91 72.1 34.8 104.3
134 23.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 53.154 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:105 Resp: 513880
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.8





#85

sec-Butylbenzene

Concen: 53.270 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

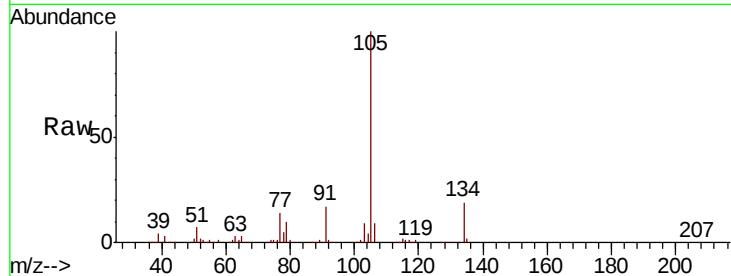
ICVVN070820

Tot Ion:105 Resp: 582638

Ion Ratio Lower Upper

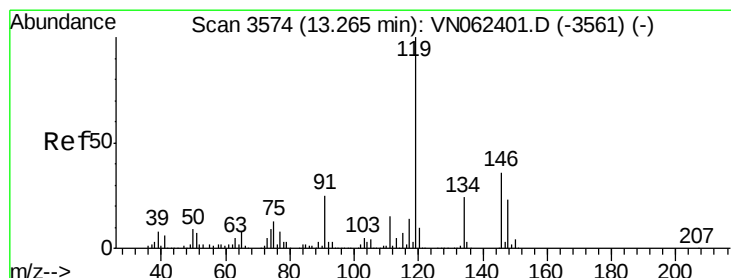
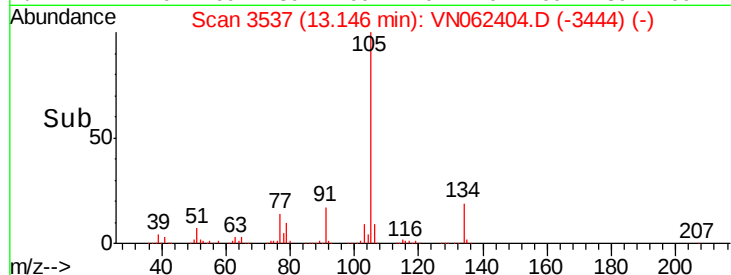
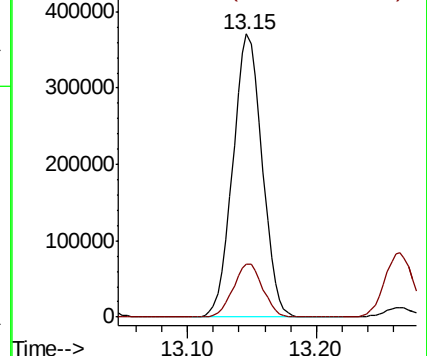
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.371 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

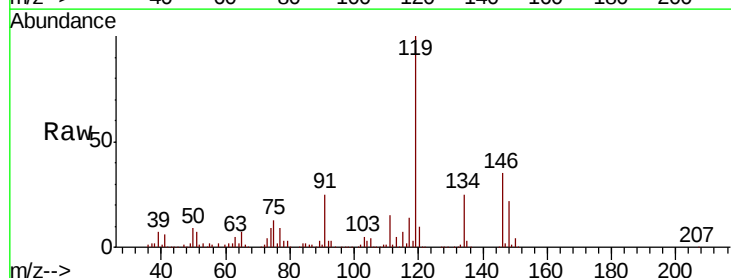
Tgt Ion:119 Resp: 513253

Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.0

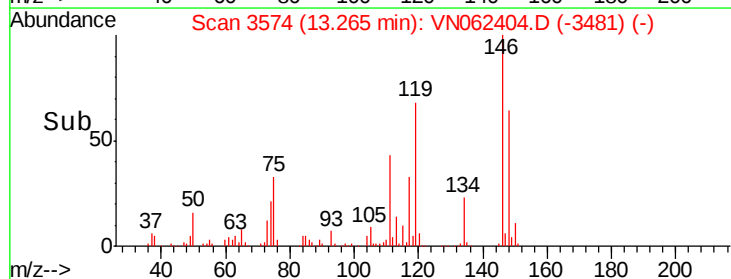
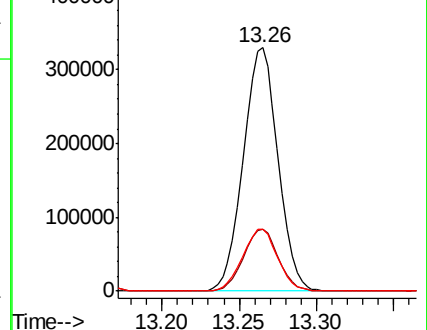
91 25.6 12.4 37.4

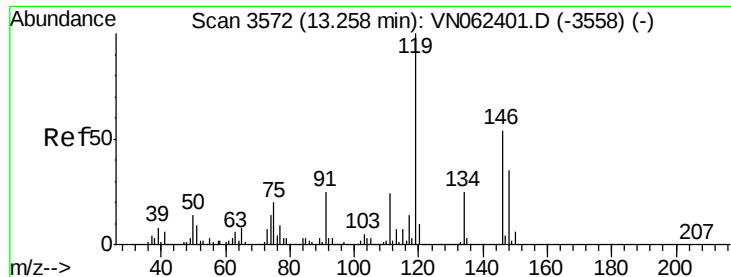


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

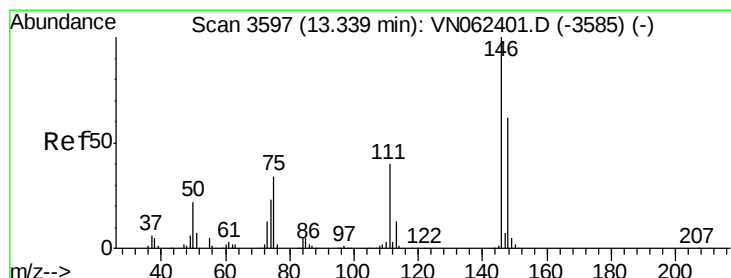
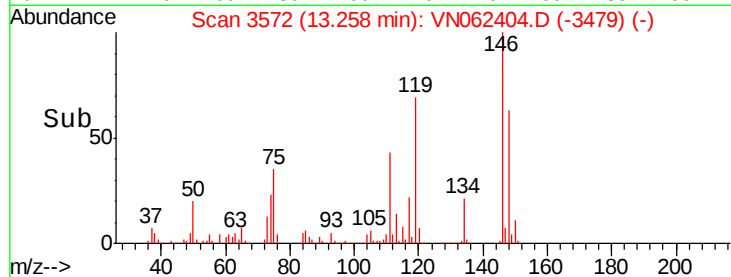
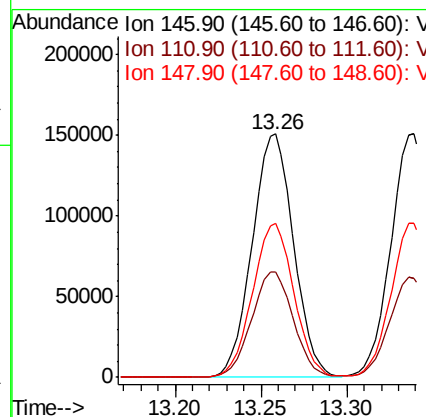
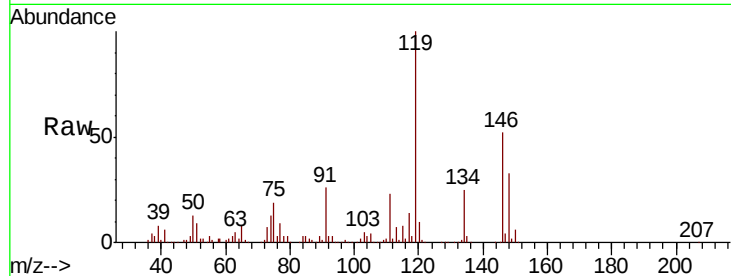




#87
 1,3-Dichlorobenzene
 Concen: 54.112 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

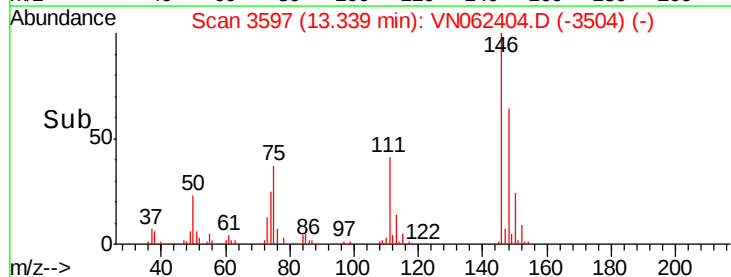
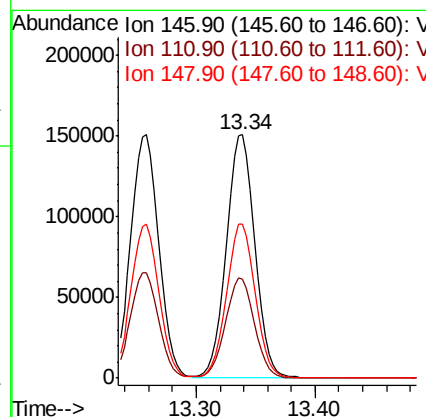
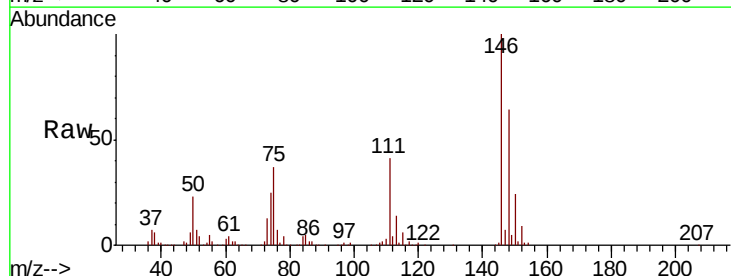
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

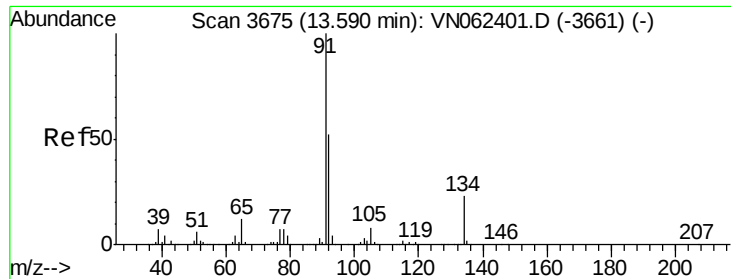
Tot Ion:146 Resp: 251793
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 63.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 52.238 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion:146 Resp: 250110
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.1
 148 63.6 31.4 94.2

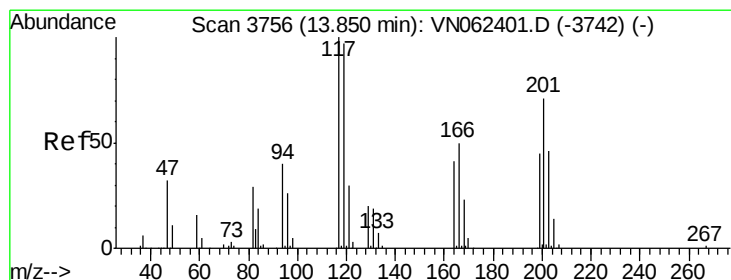
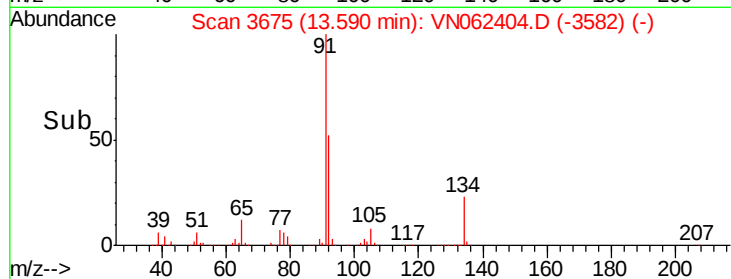
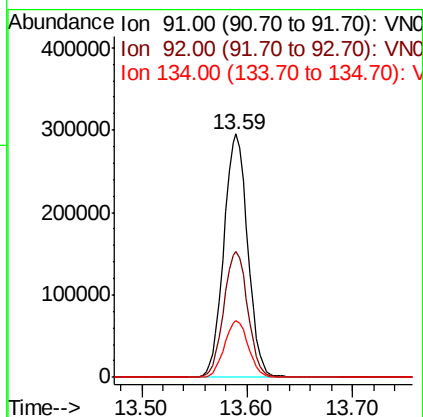
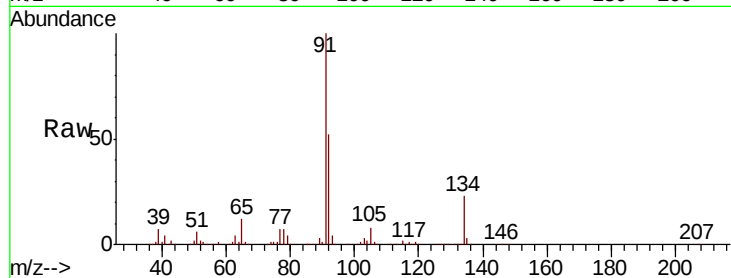




#89
n-Butylbenzene
Concen: 55.496 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

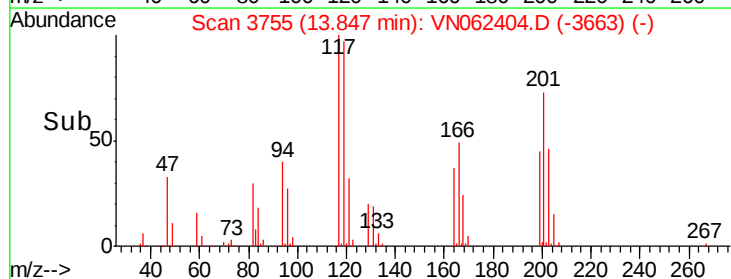
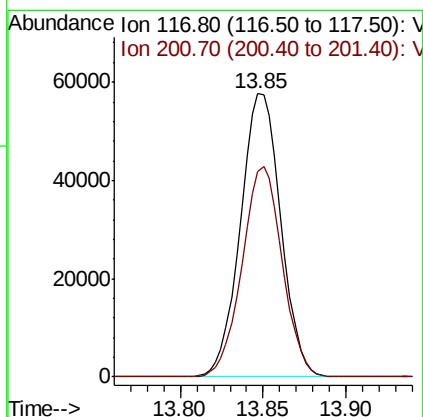
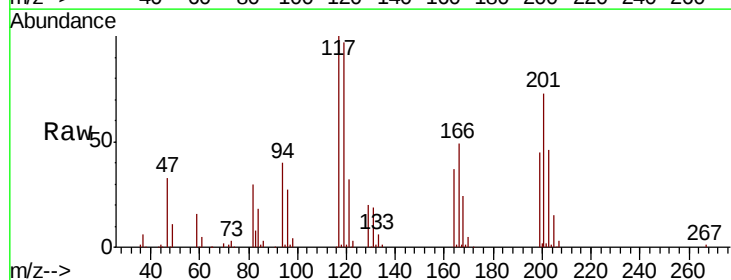
Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

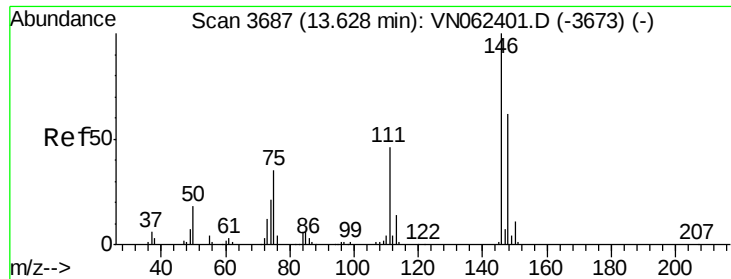
Tot Ion: 91 Resp: 462564
Ion Ratio Lower Upper
91 100
92 52.1 25.9 77.7
134 23.3 11.6 34.8



#90
Hexachloroethane
Concen: 52.563 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 117 Resp: 97606
Ion Ratio Lower Upper
117 100
201 73.9 35.4 106.2

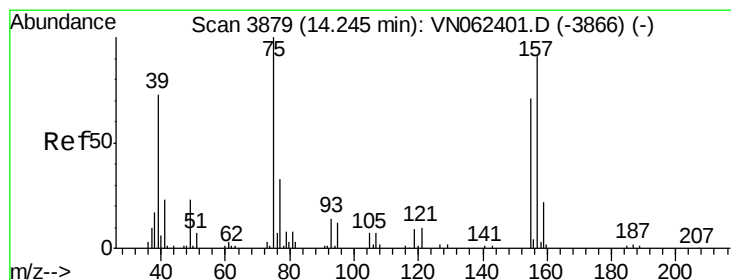
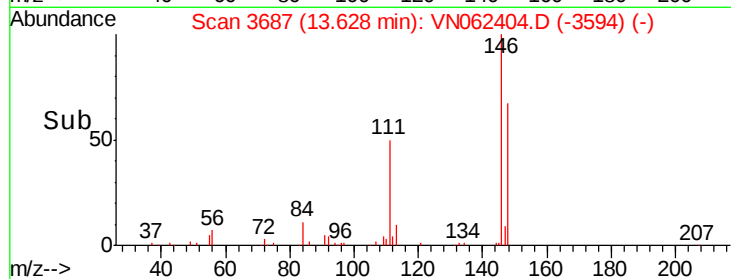
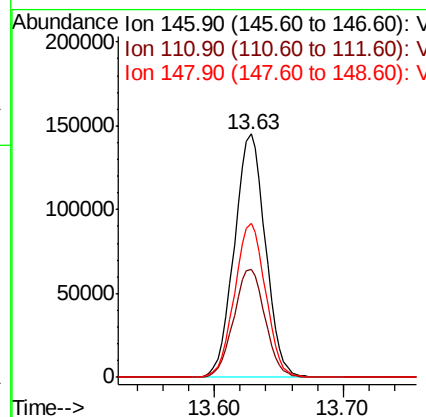
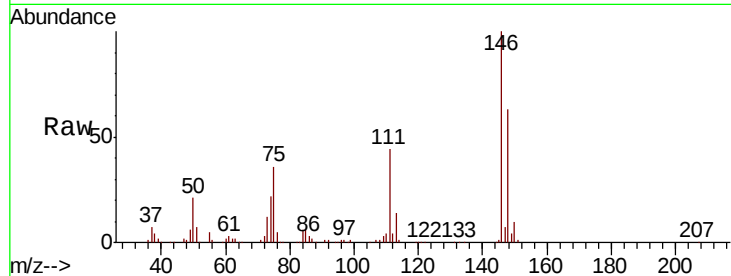




#91
 1,2-Dichlorobenzene
 Concen: 53.941 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

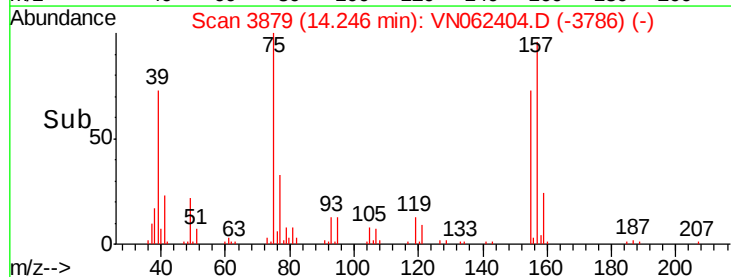
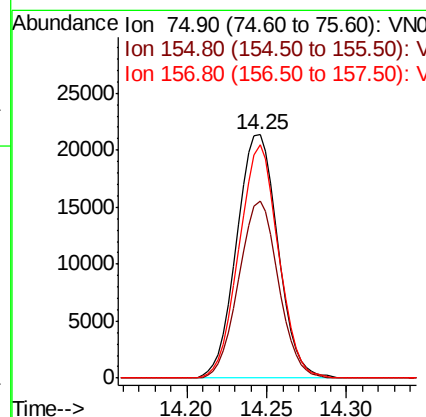
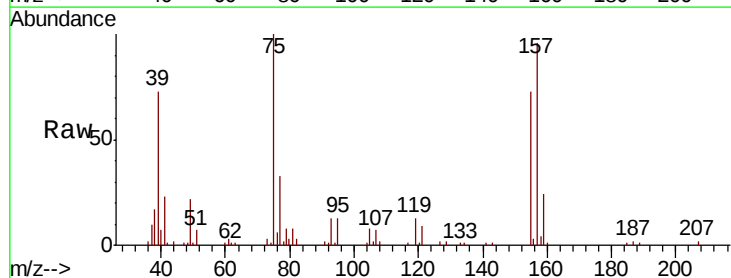
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

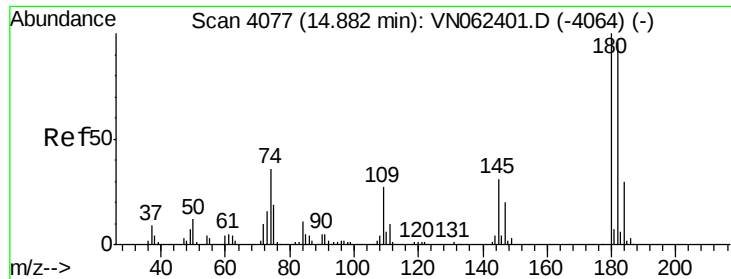
Tot Ion:146 Resp: 242682
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.5 67.5
 148 63.3 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.530 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 75 Resp: 37514
 Ion Ratio Lower Upper
 75 100
 155 70.0 35.2 105.6
 157 91.4 45.8 137.3

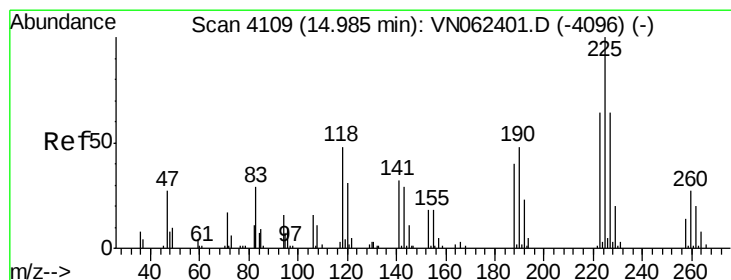
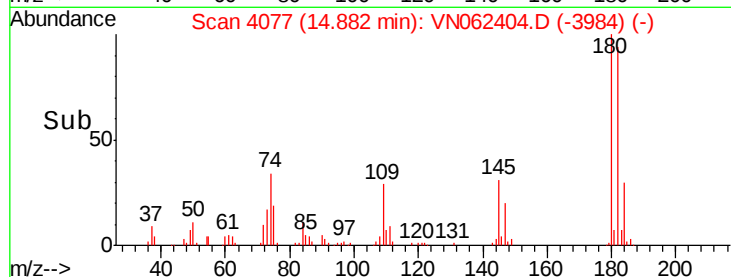
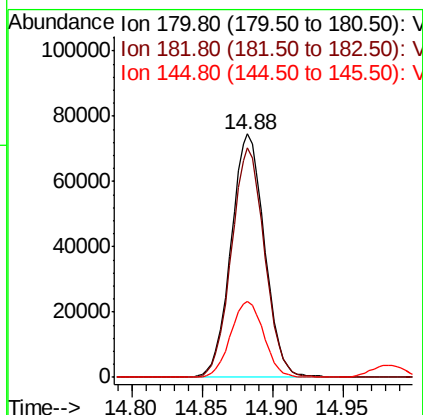
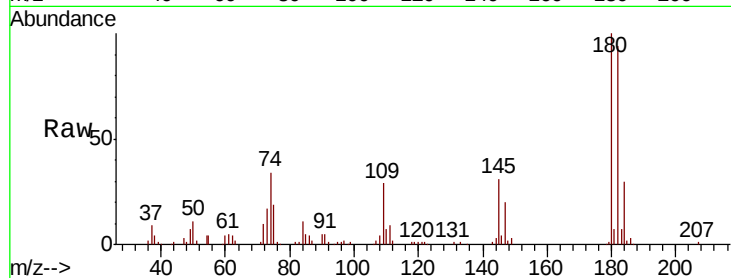




#93
 1,2,4-Trichlorobenzene
 Concen: 57.117 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

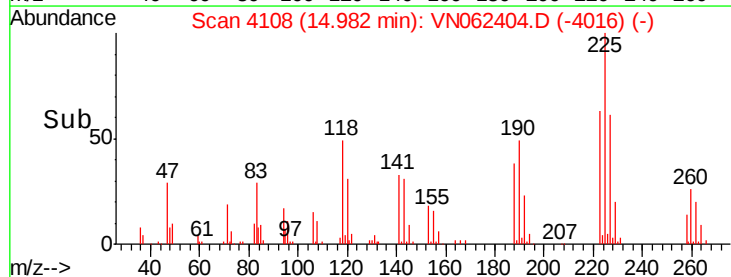
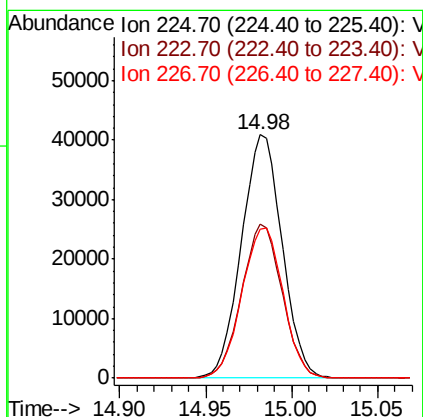
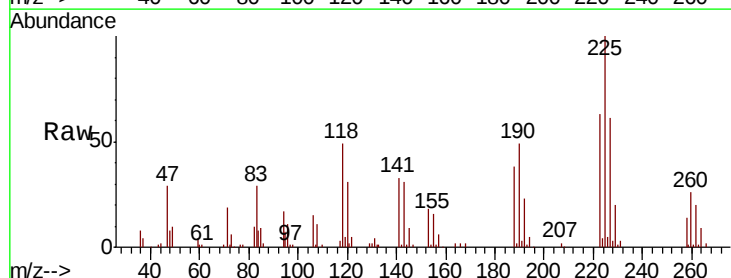
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

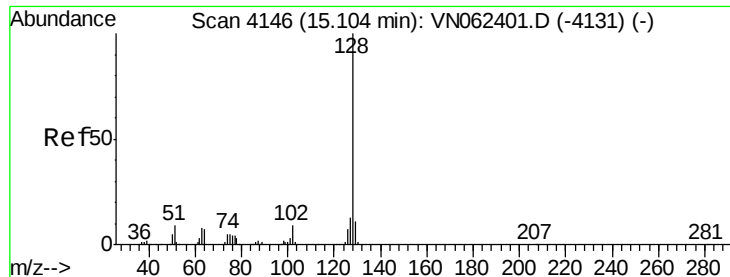
Tot Ion:180 Resp: 124203
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.4 145.2
 145 30.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 56.096 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion:225 Resp: 67009
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.3 96.8
 227 62.5 31.9 95.7

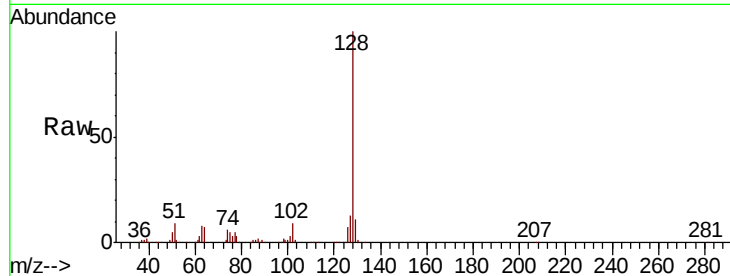




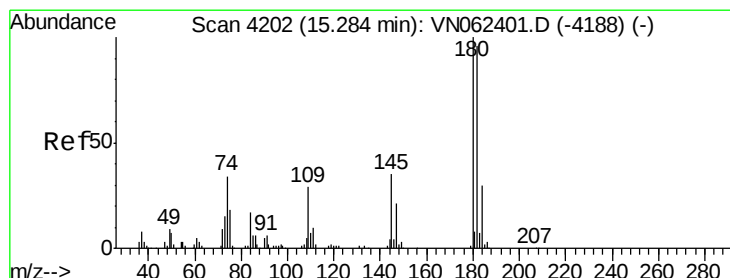
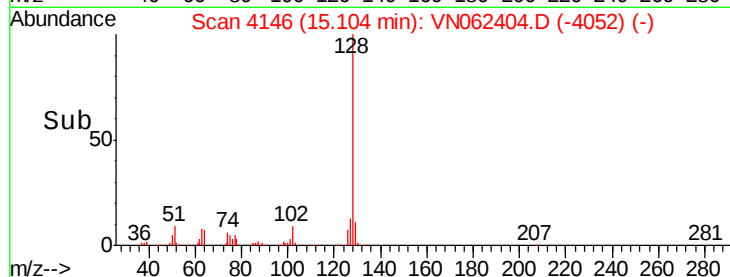
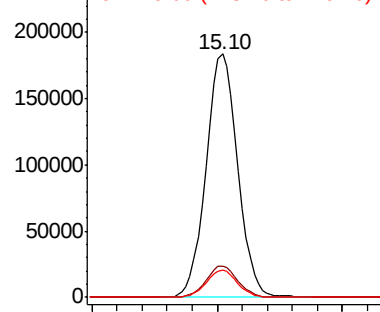
#95
Naphthalene
Concen: 54.268 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion:128 Resp: 321186
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 12.8

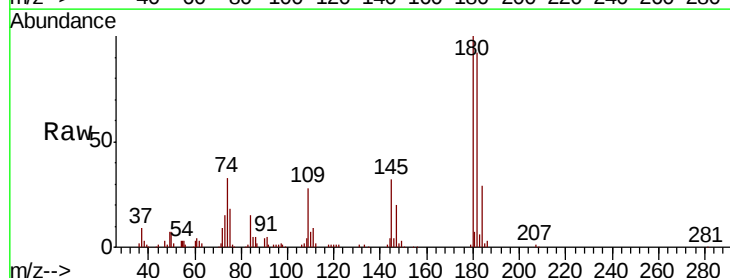


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.682 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion:180 Resp: 122892
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.4
145 32.5 17.0 50.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

