

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060264.D
 Acq On : 27 Feb 2020 11:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 27 12:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	223181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	363280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	336779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	136360	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.57	113	82113	39.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.08%	
50) Toluene-d8	10.08	98	401540	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	153540	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	99966	45.77	ug/l	100
3) Chloromethane	2.04	50	167505	60.38	ug/l	100
4) Vinyl Chloride	2.16	62	145359	48.36	ug/l	100
5) Bromomethane	2.54	94	61324	35.06	ug/l	100
6) Chloroethane	2.68	64	77870	50.33	ug/l	100
7) Trichlorofluoromethane	3.00	101	186858	47.97	ug/l	100
8) Diethyl Ether	3.38	74	71121	53.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	106982	49.26	ug/l	100
10) Methyl Iodide	3.93	142	97061	38.83	ug/l	100
11) Tert butyl alcohol	4.73	59	106413	260.06	ug/l	100
12) 1,1-Dichloroethene	3.72	96	107396	50.54	ug/l	100
13) Acrolein	3.58	56	104943	258.69	ug/l	100
14) Allyl chloride	4.29	41	195625	59.78	ug/l	100
15) Acrylonitrile	4.94	53	287022	283.77	ug/l	100
16) Acetone	3.78	43	225613	200.31	ug/l	100
17) Carbon Disulfide	4.03	76	286245	45.48	ug/l	100
18) Methyl Acetate	4.29	43	143657	61.80	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	377908	52.50	ug/l	100
20) Methylene Chloride	4.52	84	119513	50.23	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	114312	49.64	ug/l	100
22) Diisopropyl ether	5.92	45	392773	56.09	ug/l	100
23) Vinyl Acetate	5.86	43	1610439	276.64	ug/l	100
24) 1,1-Dichloroethane	5.82	63	220691	52.74	ug/l	100
25) 2-Butanone	6.80	43	373917	253.58	ug/l	100
26) 2,2-Dichloropropane	6.80	77	198799	50.51	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	134370	49.73	ug/l	100
28) Bromochloromethane	7.17	49	85105	51.98	ug/l	100
29) Tetrahydrofuran	7.18	42	256154	275.19	ug/l	100
30) Chloroform	7.35	83	218308	50.36	ug/l	100
31) Cyclohexane	7.63	56	194196	49.99	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	194459	49.36	ug/l	100
36) 1,1-Dichloropropene	7.77	75	161882	48.28	ug/l	100
37) Ethyl Acetate	6.90	43	163758	53.18	ug/l	100
38) Carbon Tetrachloride	7.75	117	164744	45.67	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	193262	46.66	ug/l	100
40) Benzene	8.02	78	486517	48.73	ug/l	100
41) Methacrylonitrile	7.18	41	237367	181.82	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	177742	50.61	ug/l	100
43) Isopropyl Acetate	8.14	43	285053	53.96	ug/l	100
44) Trichloroethene	8.82	130	132792	48.17	ug/l	100
45) 1,2-Dichloropropane	9.10	63	130689	52.41	ug/l	100
46) Dibromomethane	9.19	93	84065	48.46	ug/l	100
47) Bromodichloromethane	9.39	83	173277	48.99	ug/l	100
48) Methyl methacrylate	9.18	41	128582	54.29	ug/l	100
49) 1,4-Dioxane	9.18	88	34762	906.23	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	826868	271.79	ug/l	100
52) Toluene	10.14	92	307965	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	204035	50.82	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	214290	50.63	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	121544	48.87	ug/l	100
56) Ethyl methacrylate	10.42	69	189138	53.33	ug/l	100
57) 1,3-Dichloropropane	10.70	76	205583	49.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	480267	286.23	ug/l	100
59) 2-Hexanone	10.74	43	608314	262.86	ug/l	100
60) Dibromochloromethane	10.89	129	129321	45.95	ug/l	100
61) 1,2-Dibromoethane	11.00	107	123607	47.78	ug/l	100
64) Tetrachloroethene	10.62	164	136170	52.31	ug/l	100
65) Chlorobenzene	11.43	112	326323	47.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	123298	47.85	ug/l	100
67) Ethyl Benzene	11.50	91	602953	48.80	ug/l	100
68) m/p-Xylenes	11.62	106	448113	96.87	ug/l	100
69) o-Xylene	11.94	106	216023	48.51	ug/l	100
70) Styrene	11.96	104	362826	50.45	ug/l	100
71) Bromoform	12.12	173	94273	46.07	ug/l #	100
73) Isopropylbenzene	12.25	105	592580	47.68	ug/l	100
74) N-amyl acetate	12.06	43	259096	56.62	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	163659	46.29	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	241076	75.37	ug/l #	100
77) Bromobenzene	12.52	156	143488	46.76	ug/l	100
78) n-propylbenzene	12.59	91	691517	48.66	ug/l	100
79) 2-Chlorotoluene	12.67	91	401888	48.11	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	501459	48.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66521	50.93	ug/l	100
82) 4-Chlorotoluene	12.77	91	418163	48.79	ug/l	100
83) tert-Butylbenzene	12.99	119	433299	47.29	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	505679	49.51	ug/l	100
85) sec-Butylbenzene	13.17	105	581031	48.00	ug/l	100
86) p-Isopropyltoluene	13.28	119	527016	48.03	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	262041	48.11	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	258474	47.49	ug/l	100
89) n-Butylbenzene	13.61	91	486163	50.15	ug/l	100
90) Hexachloroethane	13.87	117	79935	40.26	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	251696	47.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36428	44.32	ug/l	100

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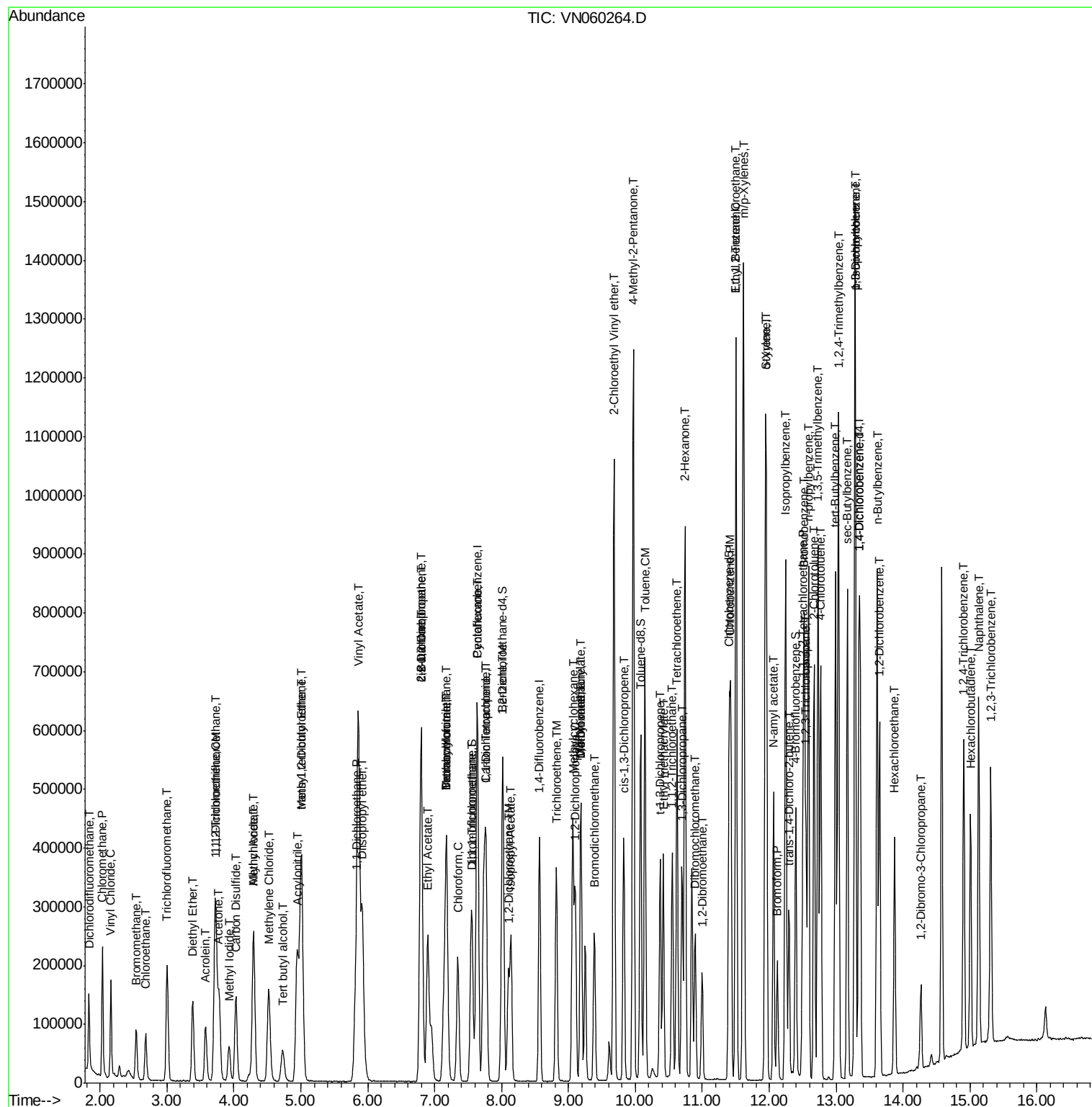
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	166755	52.83	ug/l	100
94) Hexachlorobutadiene	15.01	225	77495	42.84	ug/l	100
95) Naphthalene	15.13	128	497188	57.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	158065	50.50	ug/l	100

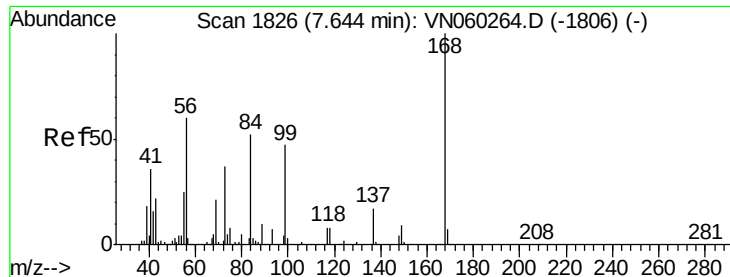
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

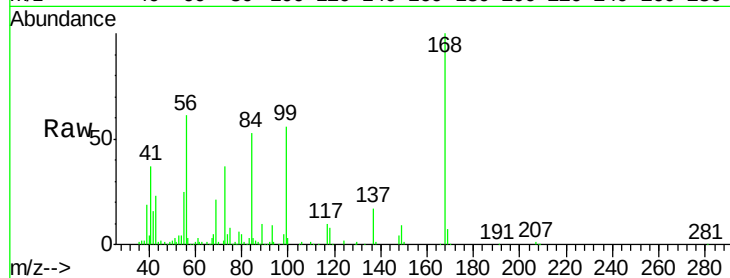
VSTDICCC050

Tgt Ion:168 Resp: 223181

Ion Ratio Lower Upper

168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

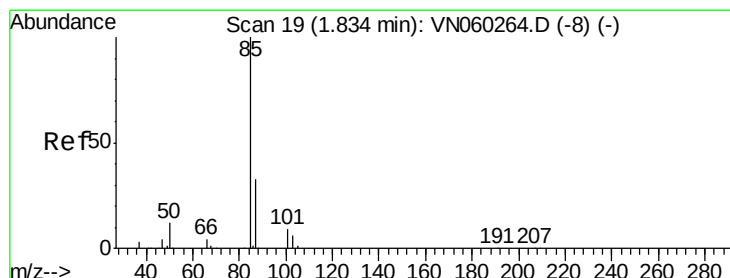
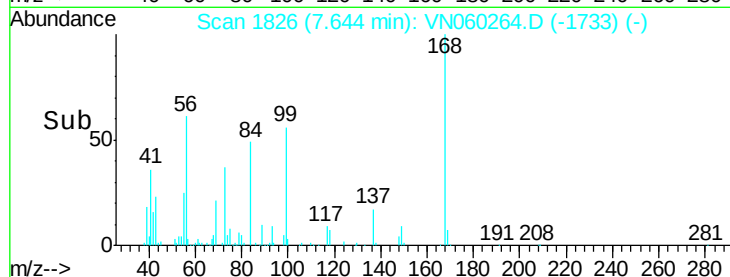
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.77 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060264.D

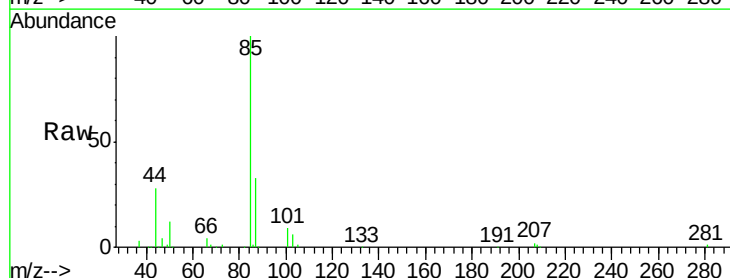
Acq: 27 Feb 2020 11:29

Tgt Ion: 85 Resp: 99966

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

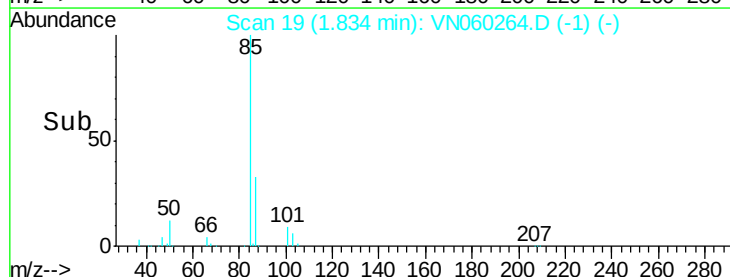
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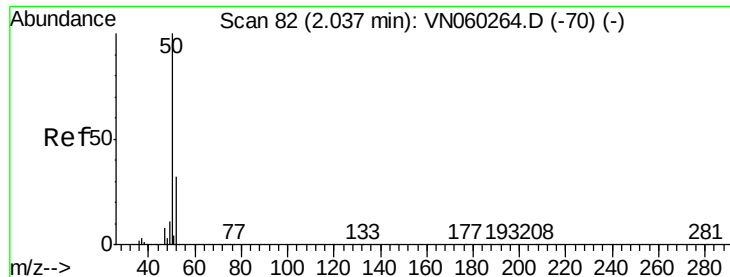
40000

20000

0

Time-->





#3

Chloromethane

Concen: 60.38 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

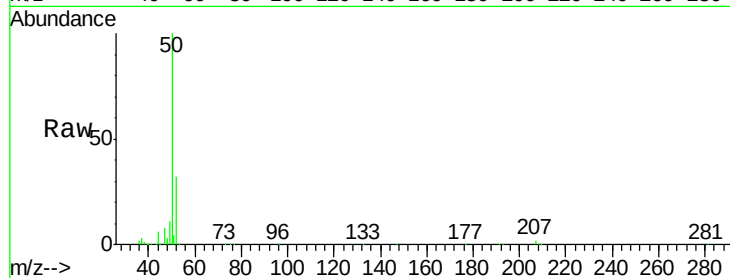
VSTDICCC050

Tgt Ion: 50 Resp: 167505

Ion Ratio Lower Upper

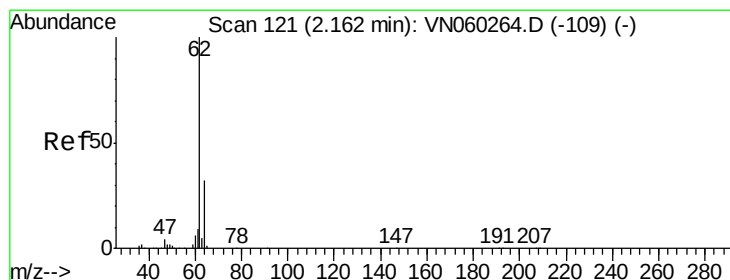
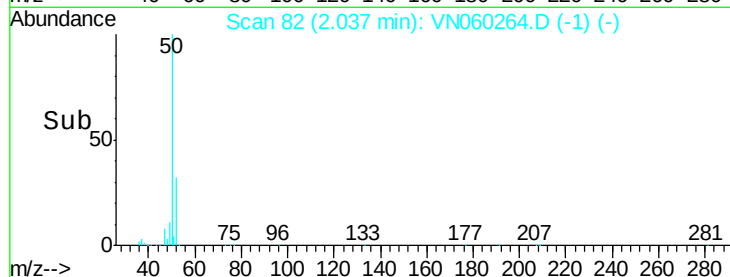
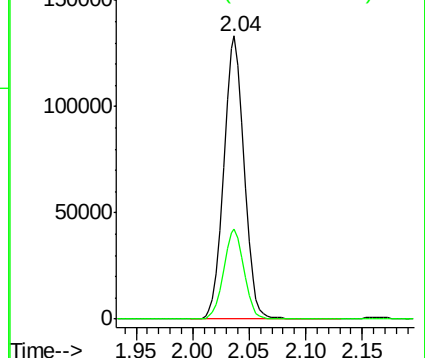
50 100

52 32.0 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 48.36 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060264.D

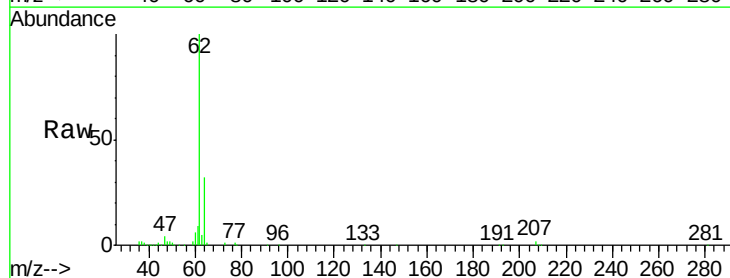
Acq: 27 Feb 2020 11:29

Tgt Ion: 62 Resp: 145359

Ion Ratio Lower Upper

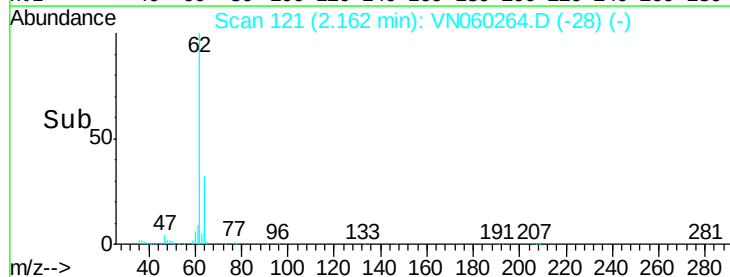
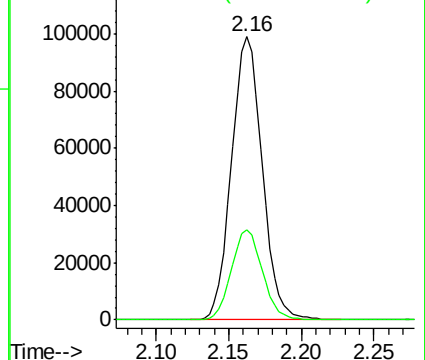
62 100

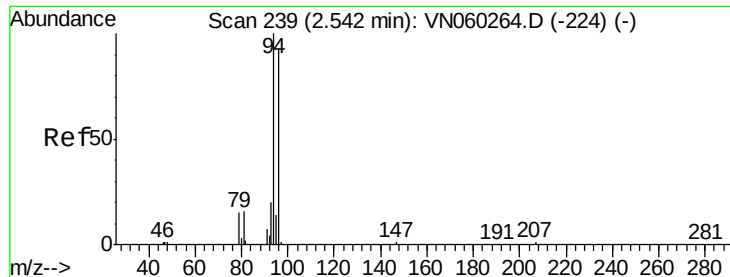
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 35.06 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

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ClientSampleId :

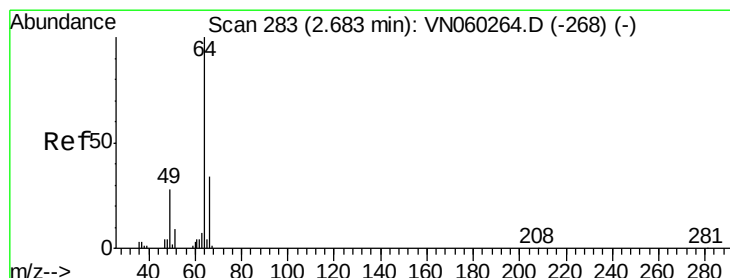
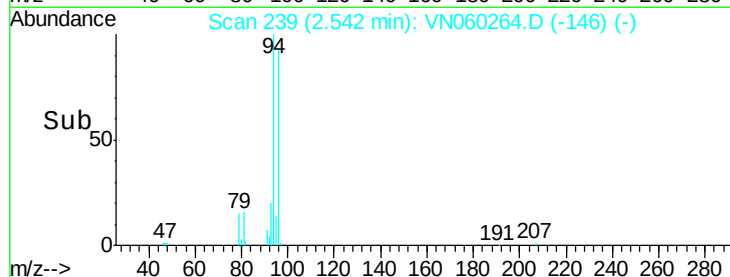
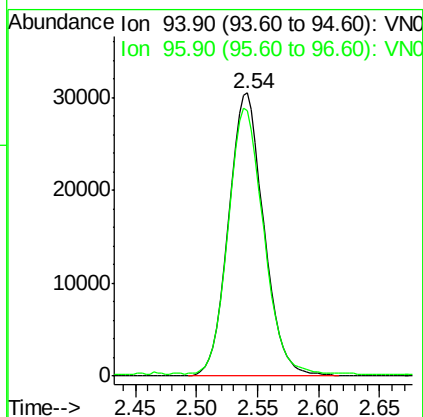
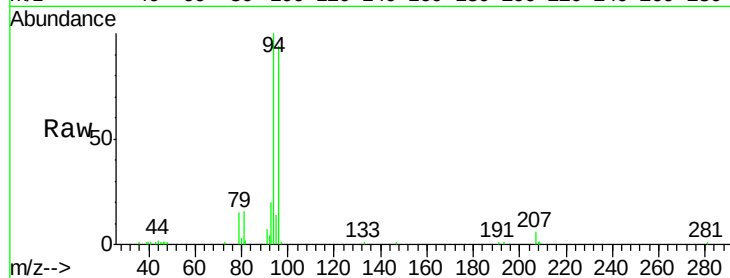
VSTDICCC050

Tgt Ion: 94 Resp: 61324

Ion Ratio Lower Upper

94 100

96 92.9 74.3 111.5



#6

Chloroethane

Concen: 50.33 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060264.D

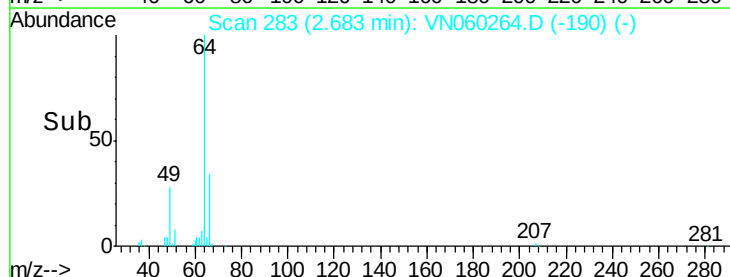
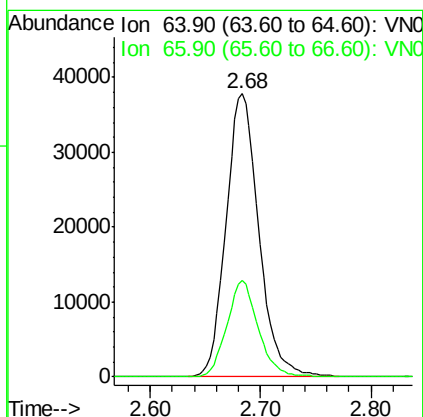
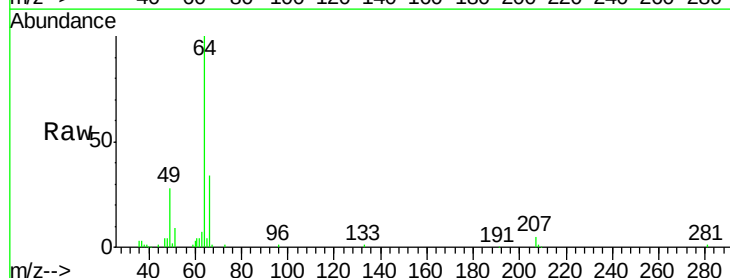
Acq: 27 Feb 2020 11:29

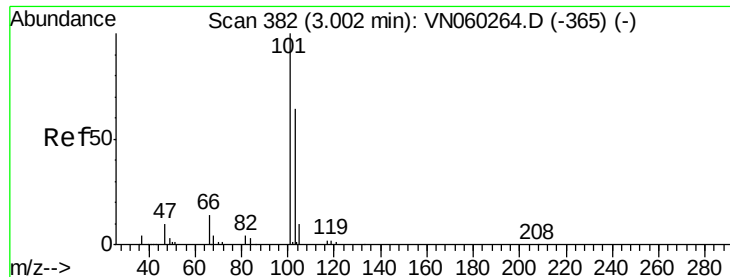
Tgt Ion: 64 Resp: 77870

Ion Ratio Lower Upper

64 100

66 34.3 27.4 41.2



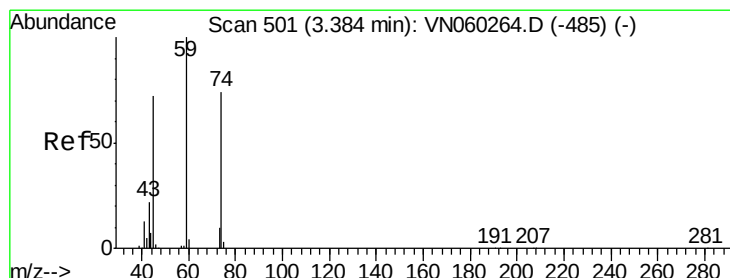
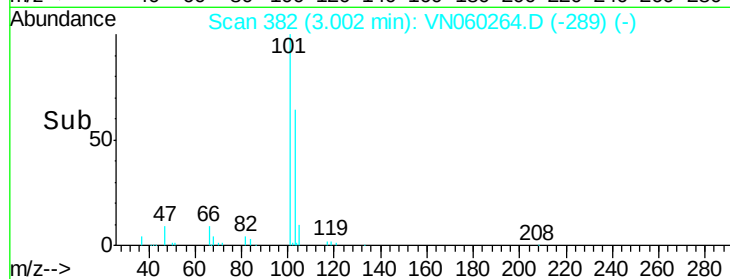
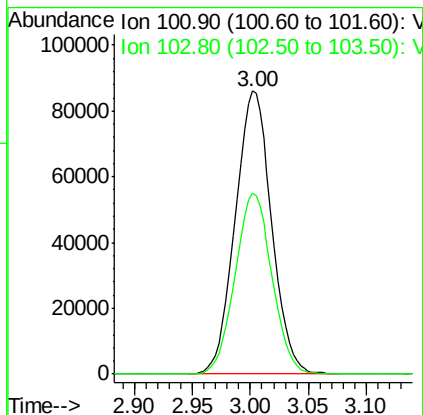
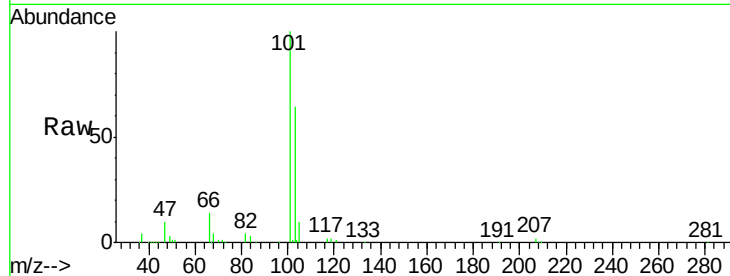


#7

Trichlorofluoromethane
Concen: 47.97 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060264.D
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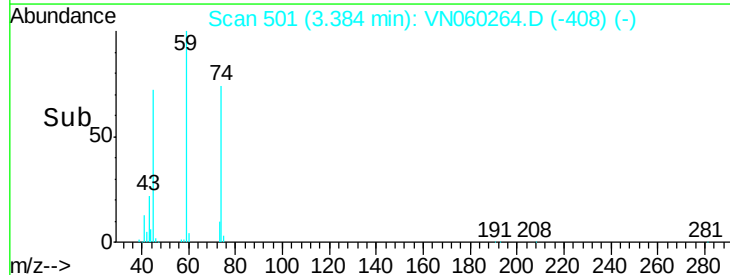
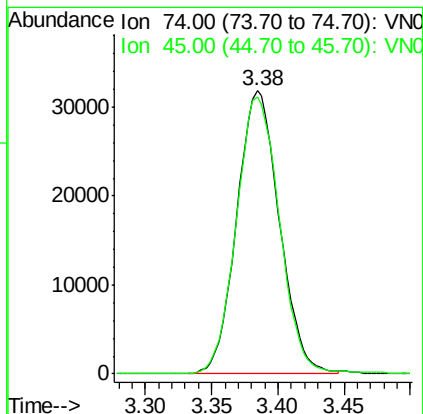
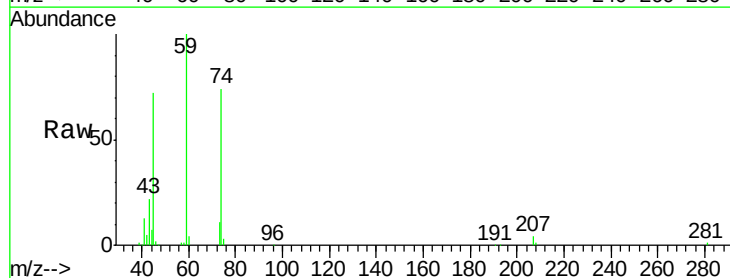
Tgt Ion: 101 Resp: 186858
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

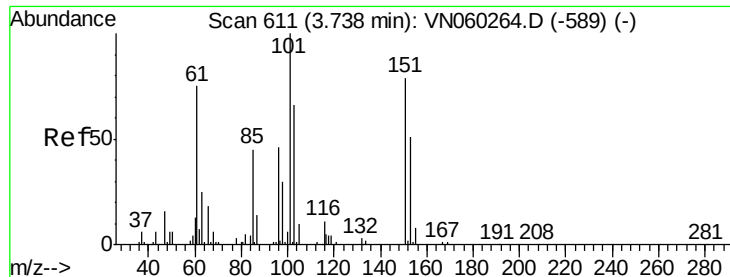


#8

Diethyl Ether
Concen: 53.81 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 74 Resp: 71121
Ion Ratio Lower Upper
74 100
45 99.1 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.26 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

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VSTDICCC050

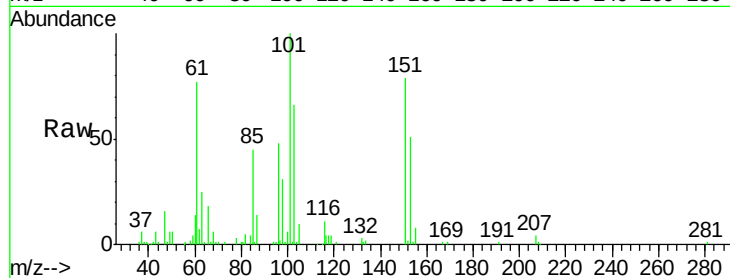
Tgt Ion:101 Resp: 106982

Ion Ratio Lower Upper

101 100

85 44.3 35.4 53.2

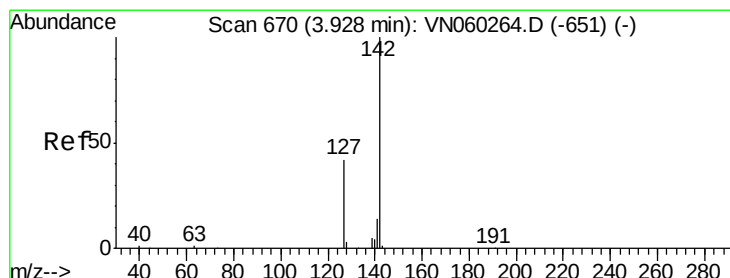
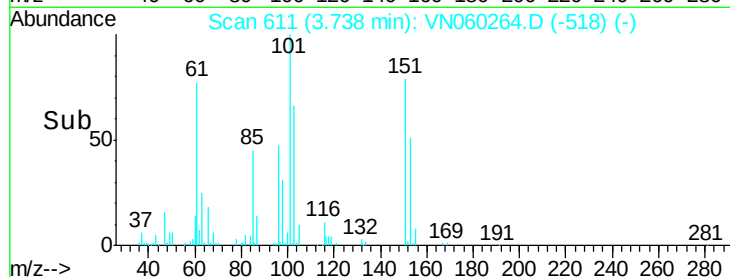
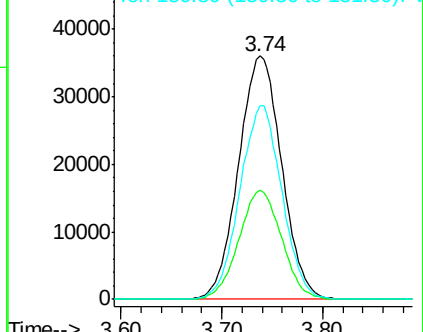
151 77.5 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.83 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

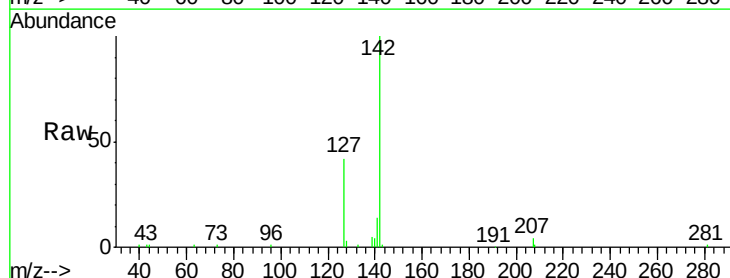
Tgt Ion:142 Resp: 97061

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

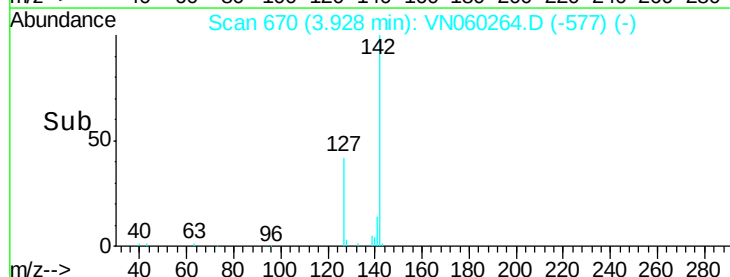
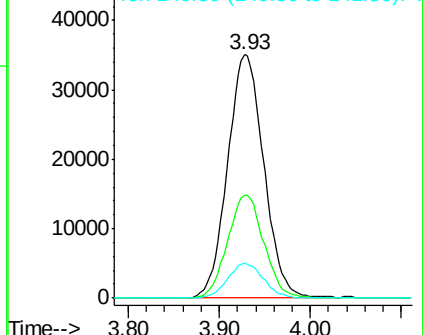
141 13.9 11.1 16.7

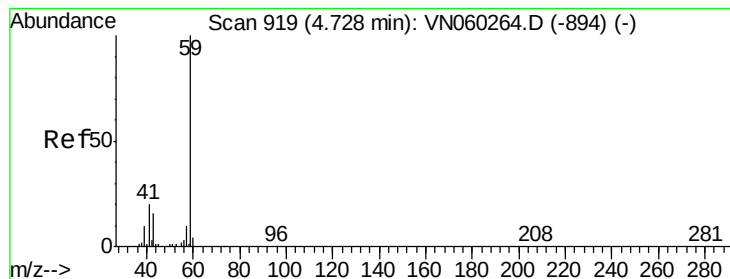


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



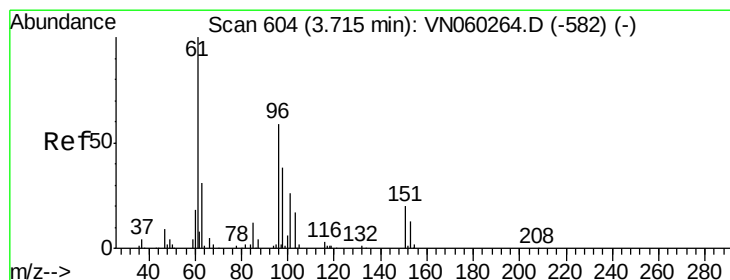
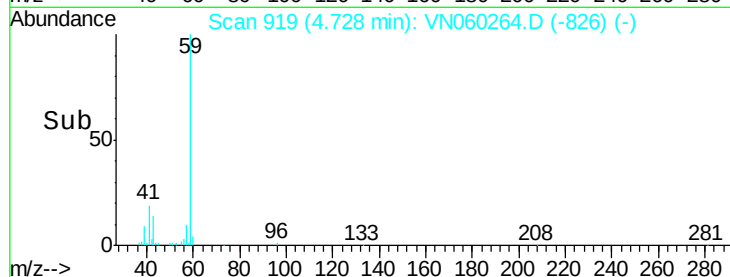
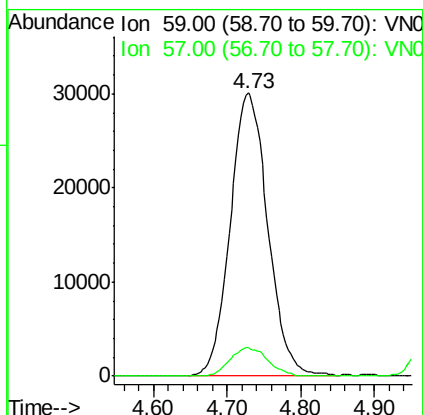
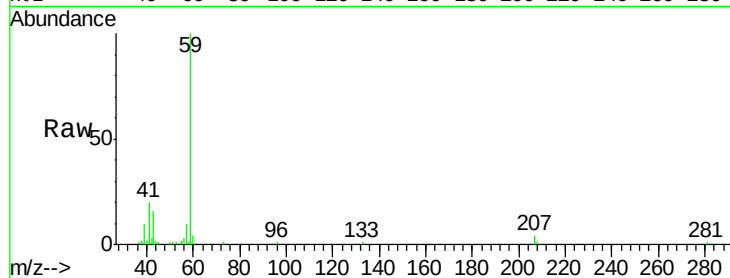


#11

Tert butyl alcohol
 Concen: 260.06 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

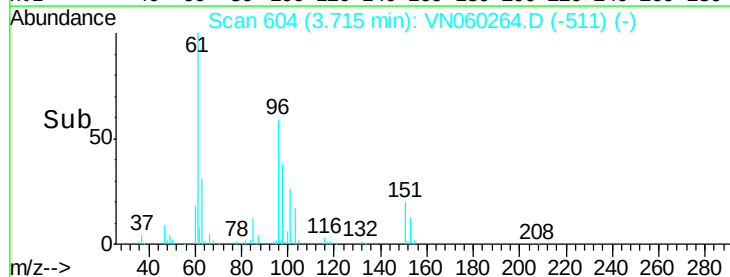
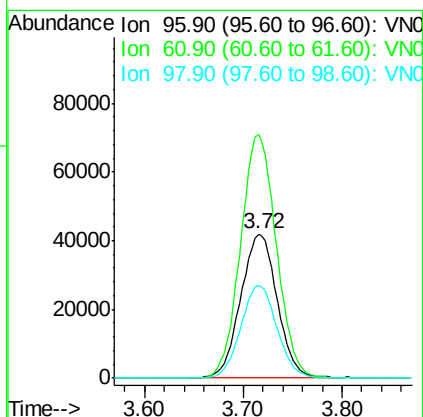
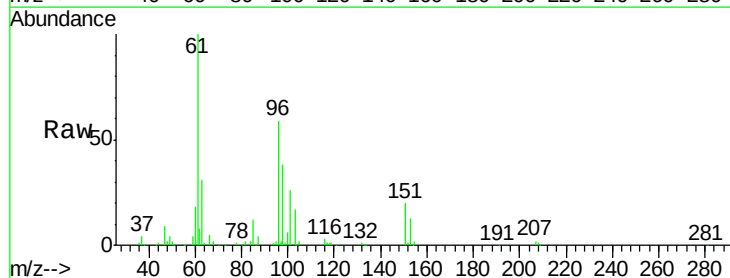
Tgt Ion: 59 Resp: 106413
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

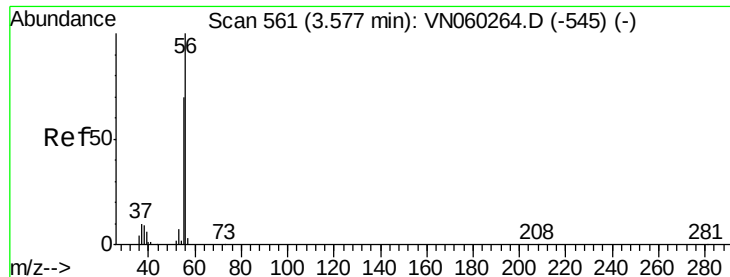


#12

1,1-Dichloroethene
 Concen: 50.54 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 96 Resp: 107396
 Ion Ratio Lower Upper
 96 100
 61 169.2 135.4 203.0
 98 64.5 51.6 77.4

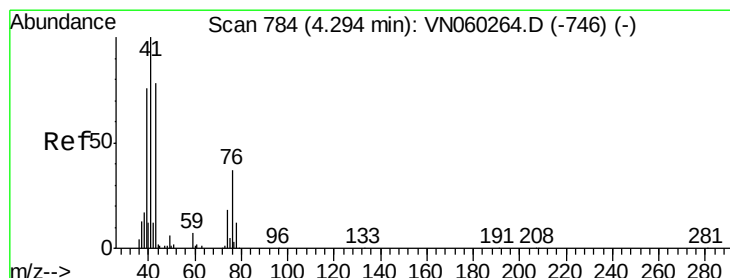
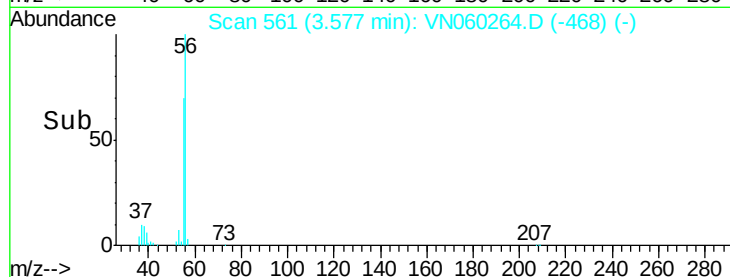
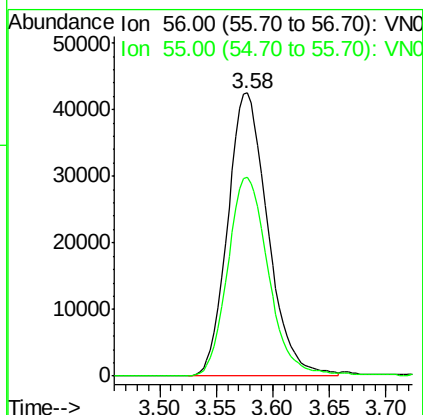
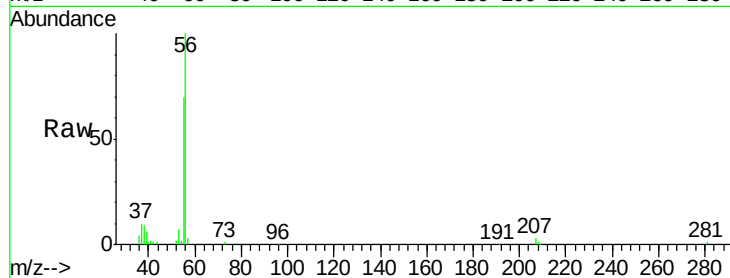




#13
 Acrolein
 Concen: 258.69 ug/l
 RT: 3.58 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

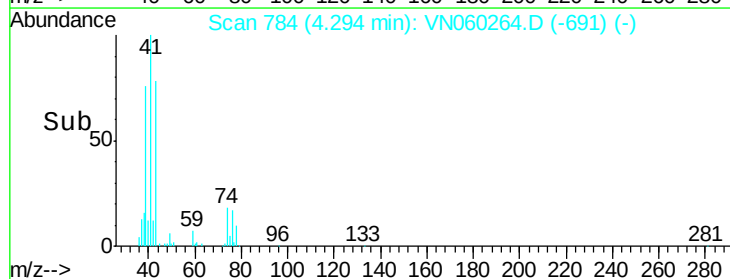
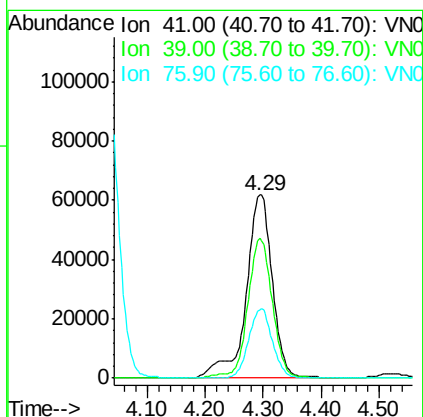
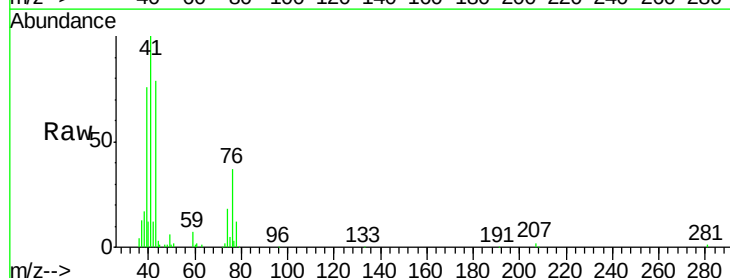
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

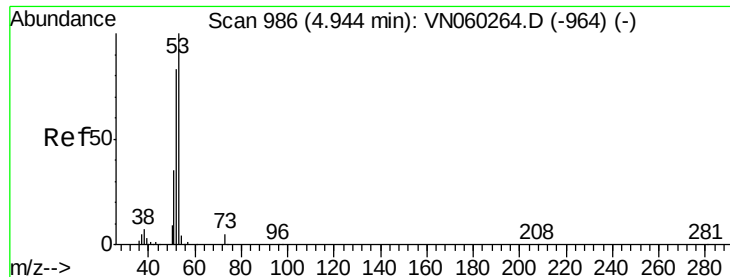
Tgt Ion: 56 Resp: 104943
 Ion Ratio Lower Upper
 56 100
 55 71.7 57.4 86.0



#14
 Allyl chloride
 Concen: 59.78 ug/l
 RT: 4.29 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 41 Resp: 195625
 Ion Ratio Lower Upper
 41 100
 39 69.3 55.4 83.2
 76 33.8 27.0 40.6





#15

Acrylonitrile

Concen: 283.77 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

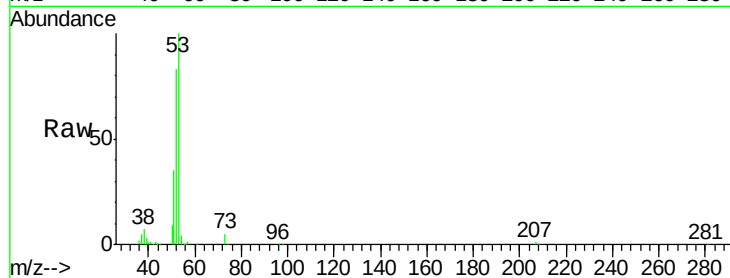
Tgt Ion: 53 Resp: 287022

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

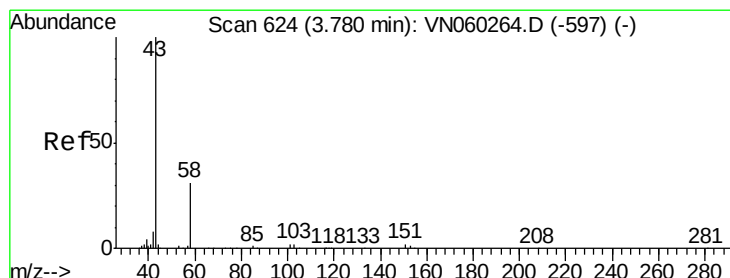
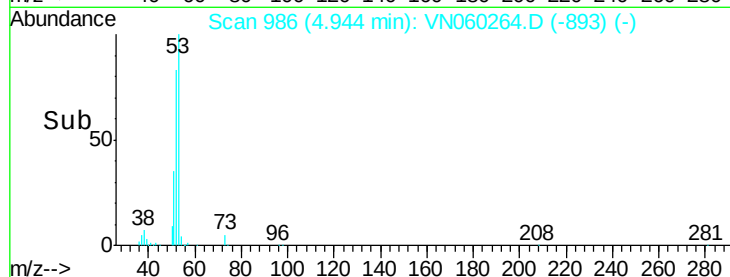
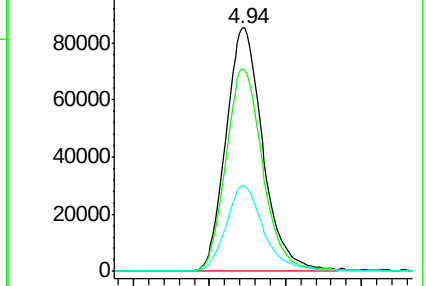
51 36.3 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 200.31 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060264.D

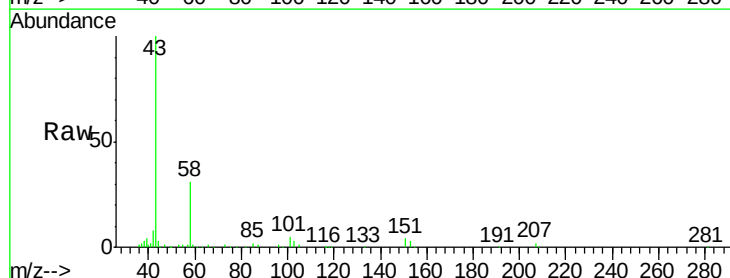
Acq: 27 Feb 2020 11:29

Tgt Ion: 43 Resp: 225613

Ion Ratio Lower Upper

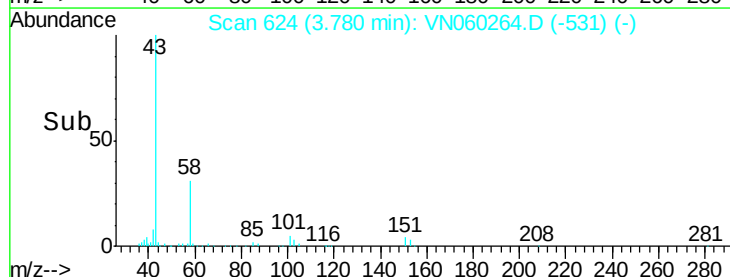
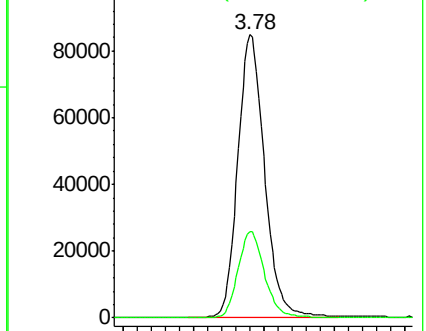
43 100

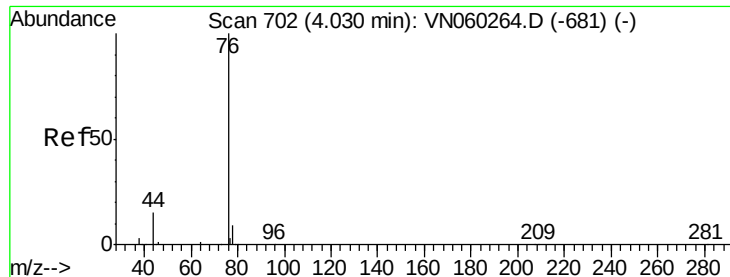
58 30.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.48 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

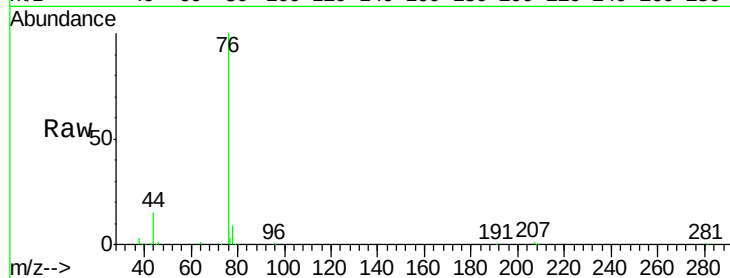
VSTDICCC050

Tgt Ion: 76 Resp: 286245

Ion Ratio Lower Upper

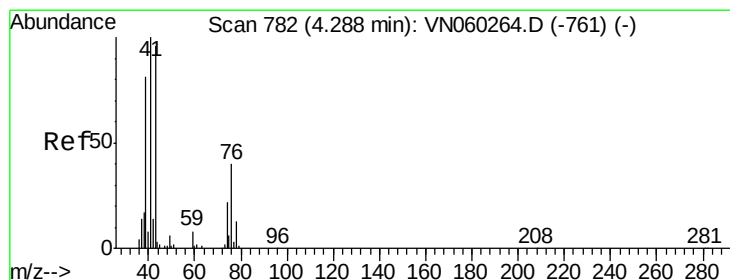
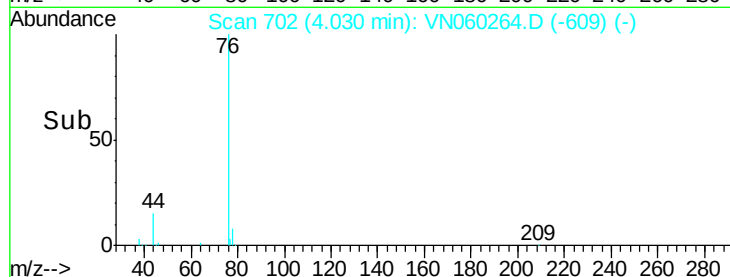
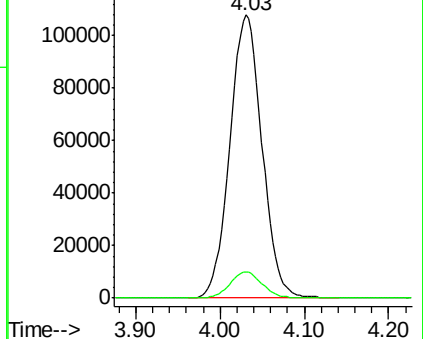
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 61.80 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060264.D

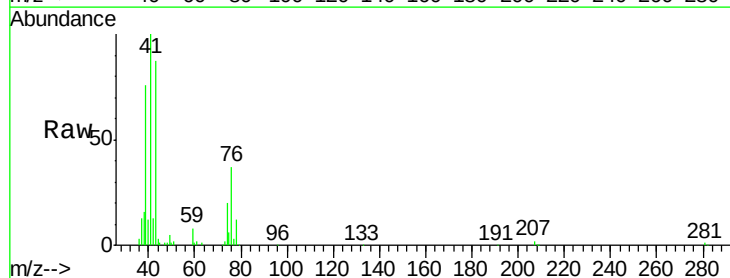
Acq: 27 Feb 2020 11:29

Tgt Ion: 43 Resp: 143657

Ion Ratio Lower Upper

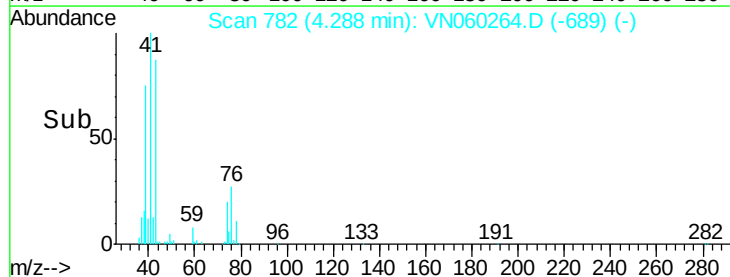
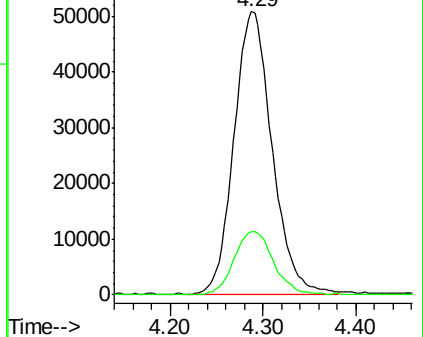
43 100

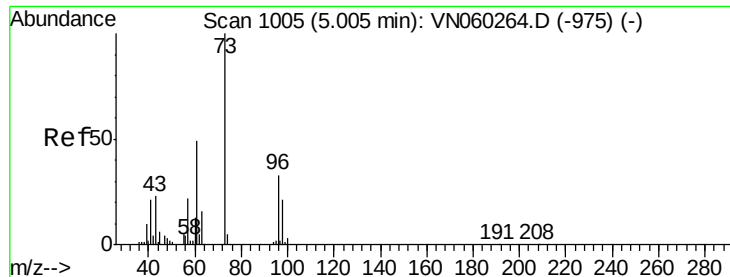
74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

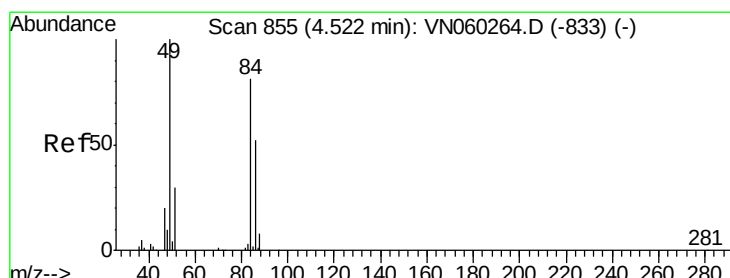
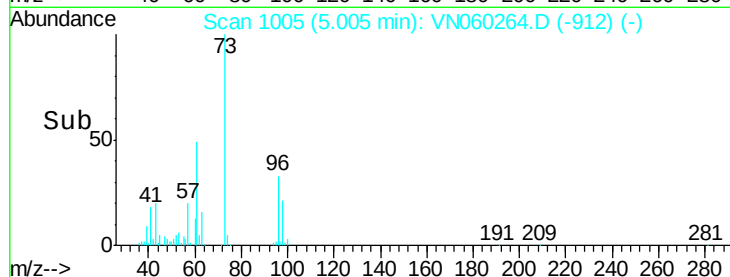
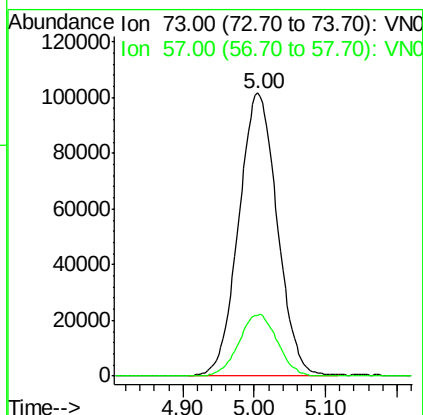
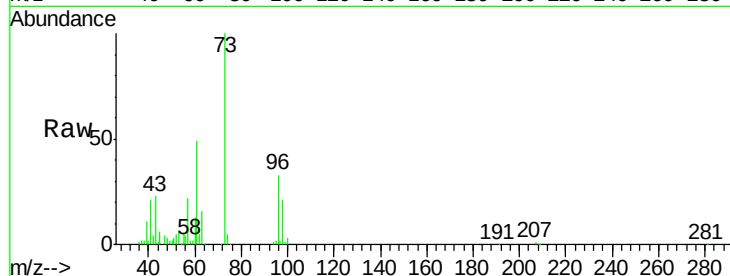




#19
Methyl tert-butyl Ether
Concen: 52.50 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

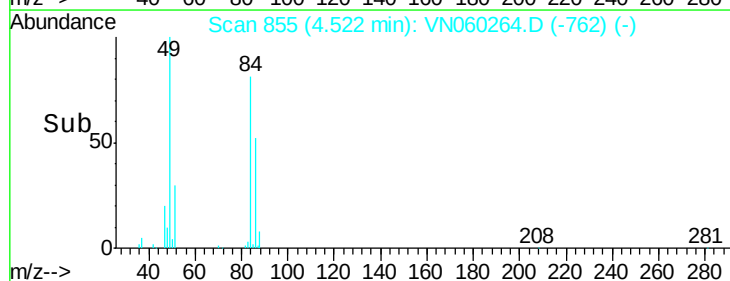
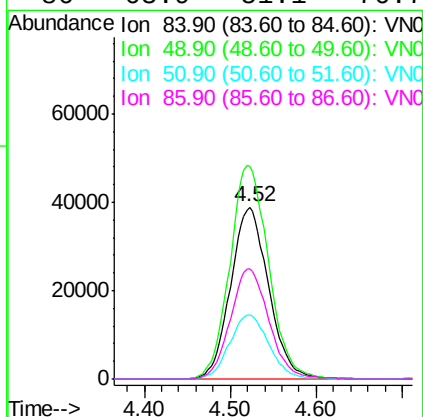
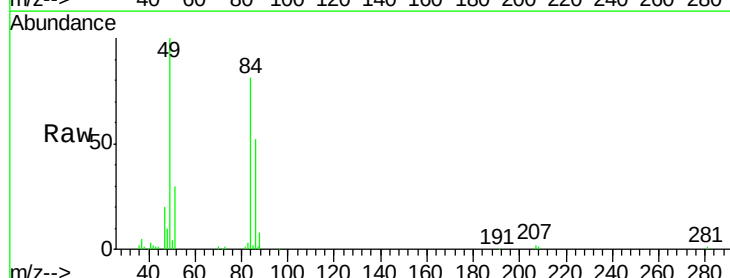
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

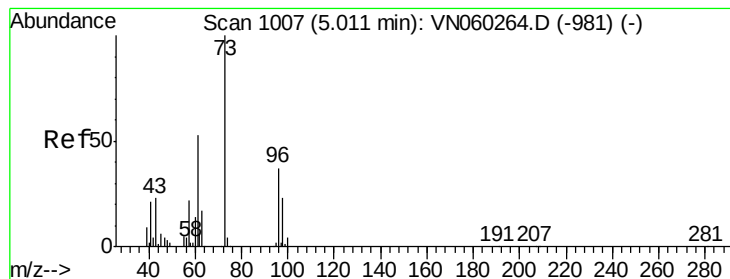
Tgt Ion: 73 Resp: 377908
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 50.23 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 84 Resp: 119513
Ion Ratio Lower Upper
84 100
49 124.1 99.3 148.9
51 37.6 30.1 45.1
86 63.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.64 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

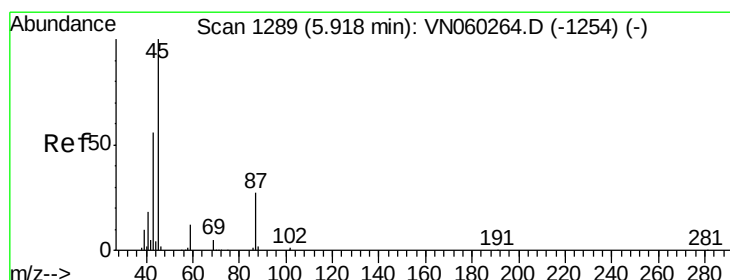
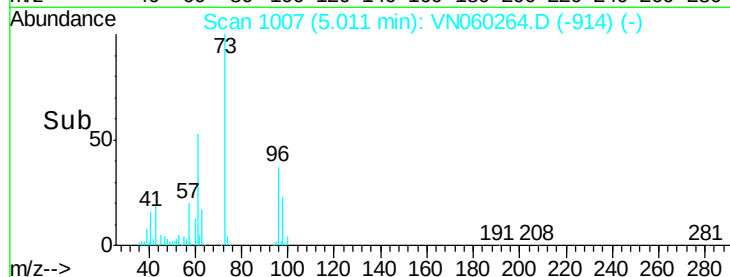
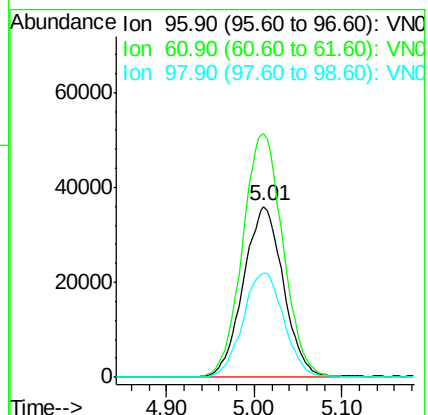
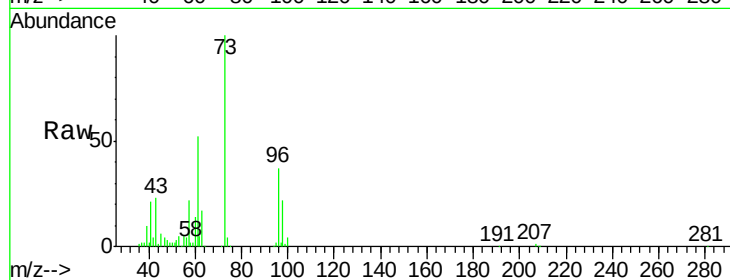
Tgt Ion: 96 Resp: 114312

Ion Ratio Lower Upper

96 100

61 142.3 113.8 170.8

98 61.0 48.8 73.2



#22

Diisopropyl ether

Concen: 56.09 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Tgt Ion: 45 Resp: 392773

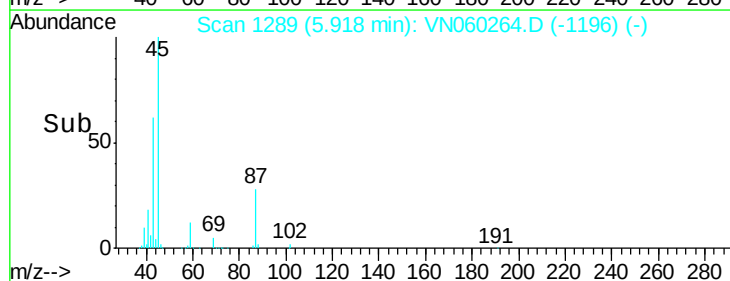
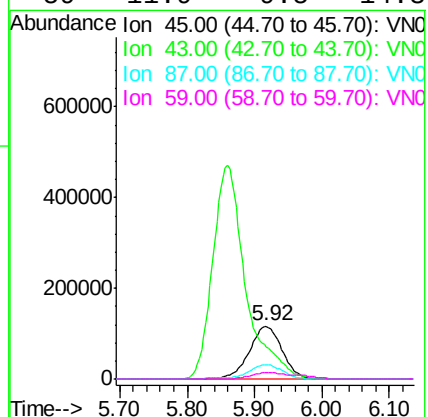
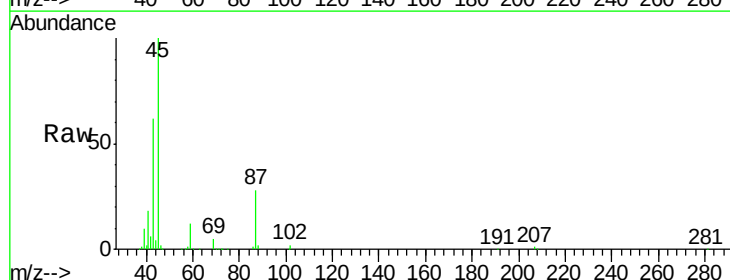
Ion Ratio Lower Upper

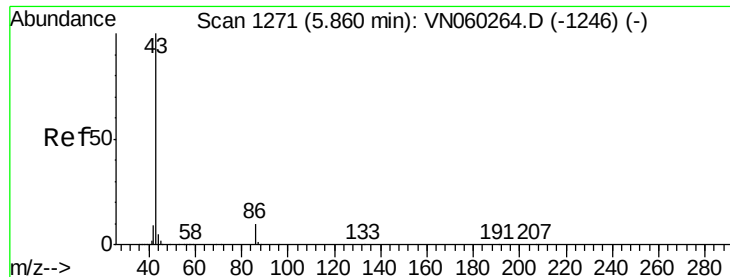
45 100

43 60.7 48.6 72.8

87 27.7 22.2 33.2

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 276.64 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

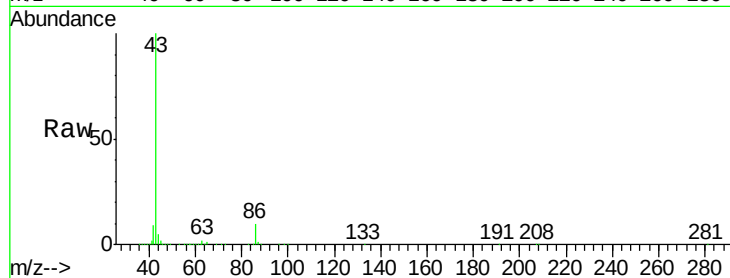
VSTDICCC050

Tgt Ion: 43 Resp: 1610439

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060264.D (-1246) (-)

5.86

500000

400000

300000

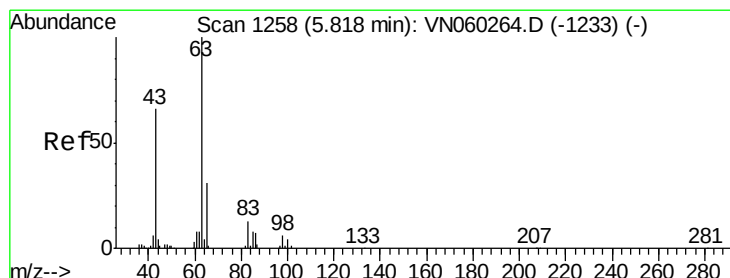
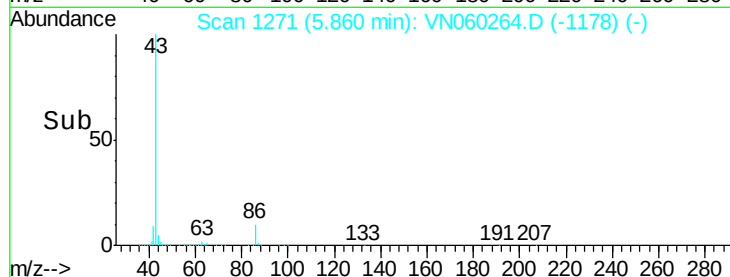
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.74 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

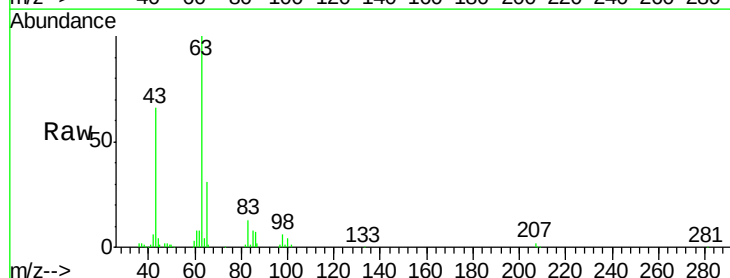
Tgt Ion: 63 Resp: 220691

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN060264.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060264.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060264.D (-1233) (-)

5.82

80000

60000

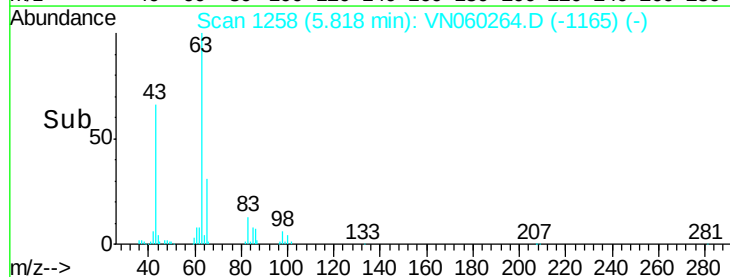
40000

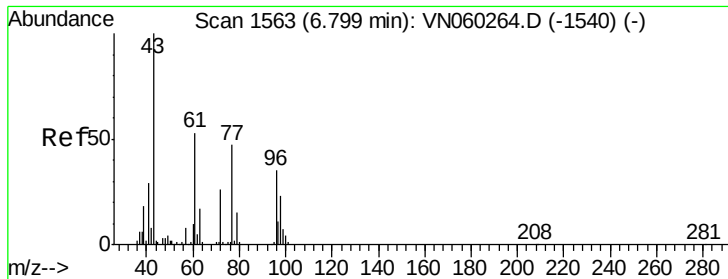
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 253.58 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

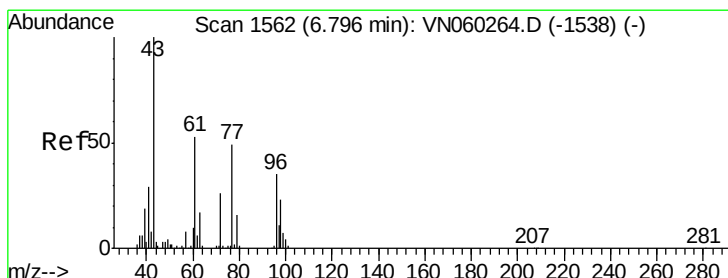
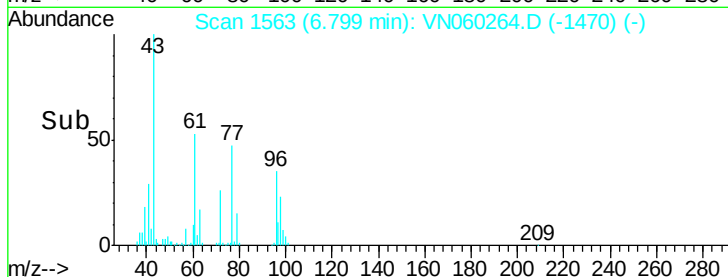
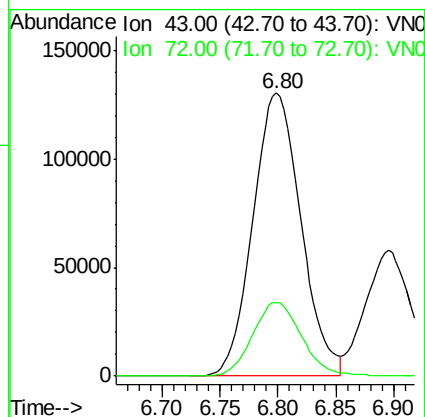
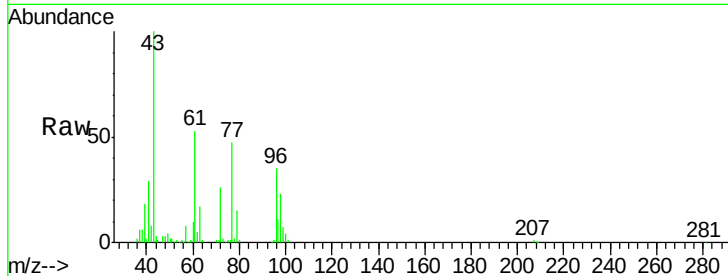
VSTDICCC050

Tgt Ion: 43 Resp: 373917

Ion Ratio Lower Upper

43 100

72 26.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 50.51 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060264.D

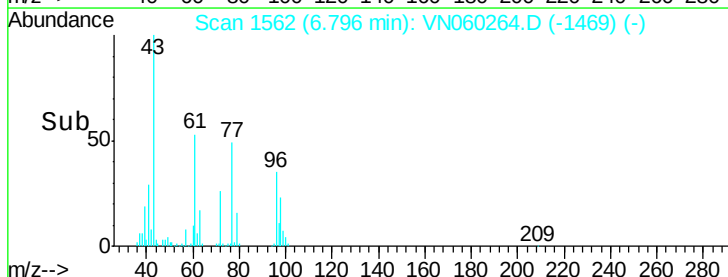
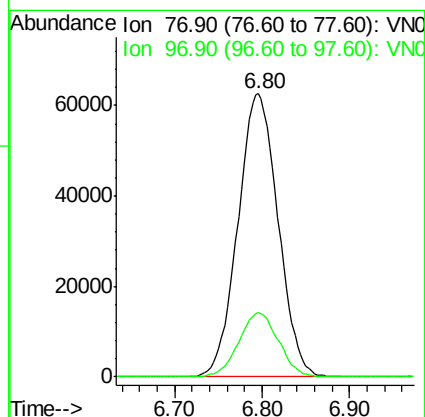
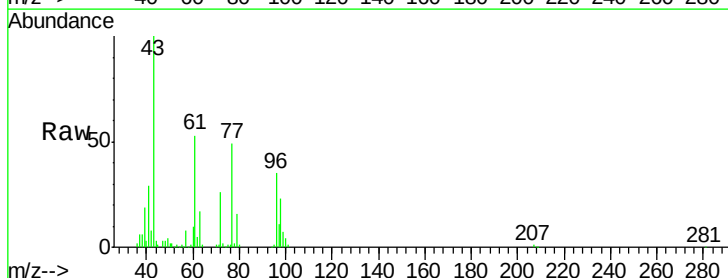
Acq: 27 Feb 2020 11:29

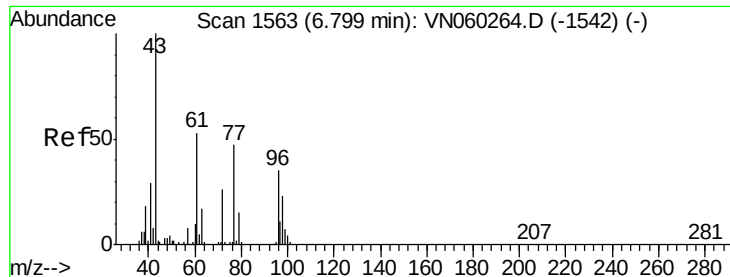
Tgt Ion: 77 Resp: 198799

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.73 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

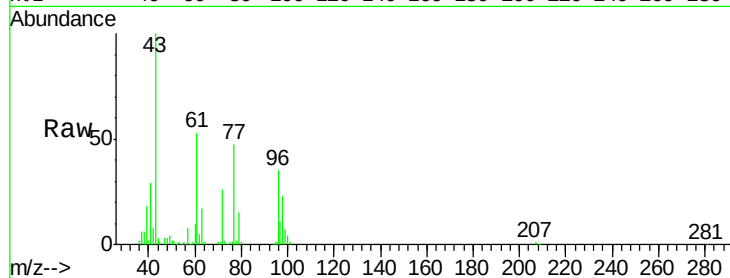
Tgt Ion: 96 Resp: 134370

Ion Ratio Lower Upper

96 100

61 150.4 0.0 300.8

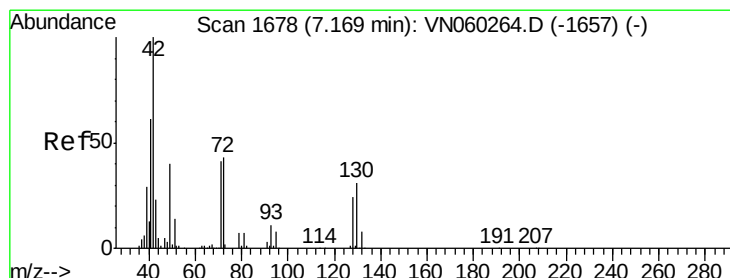
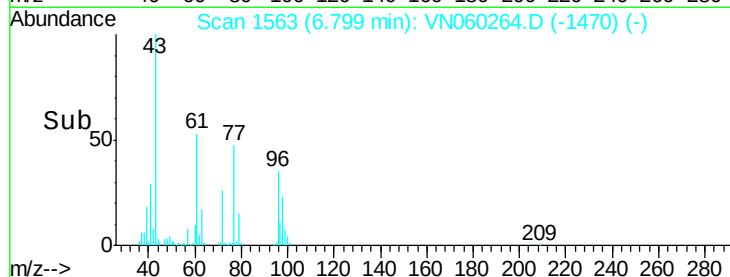
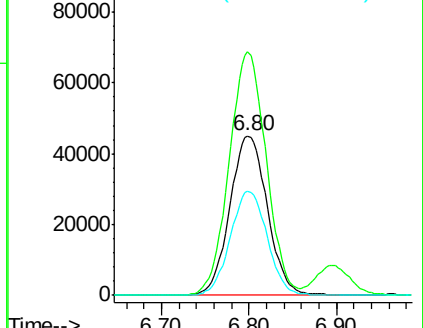
98 64.1 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060264.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN060264.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN060264.D (-1542) (-)



#28

Bromochloromethane

Concen: 51.98 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

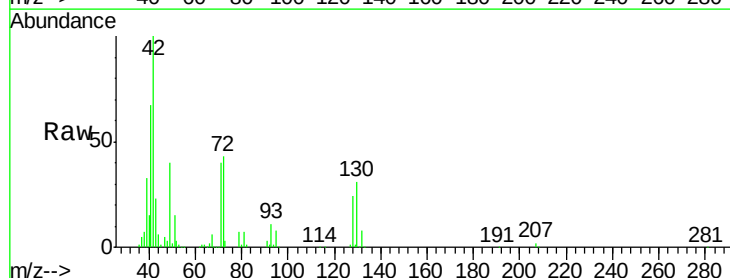
Tgt Ion: 49 Resp: 85105

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

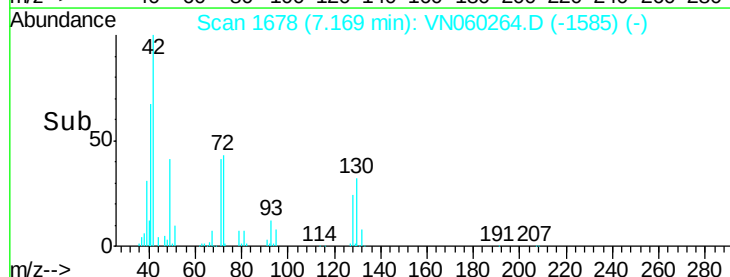
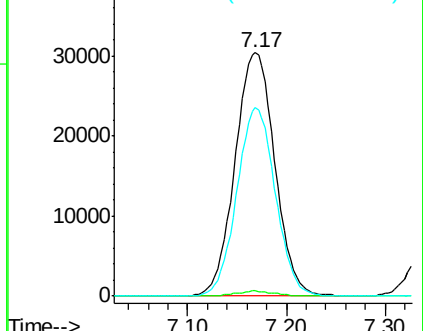
130 74.8 59.8 89.8

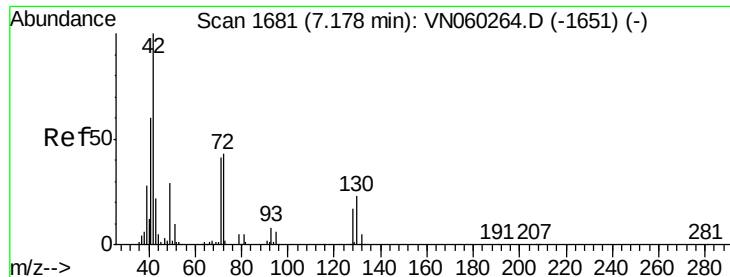


Abundance Ion 48.90 (48.60 to 49.60): VN060264.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN060264.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN060264.D (-1657) (-)

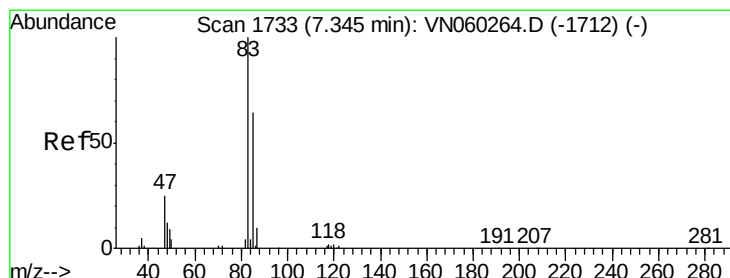
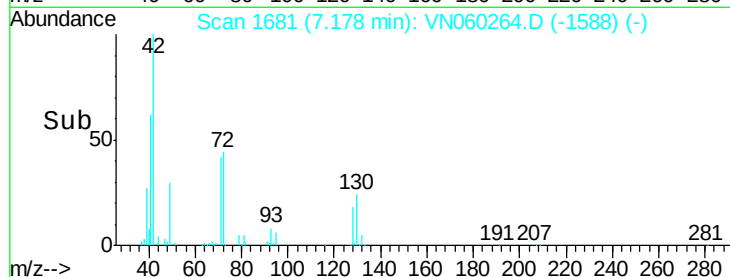
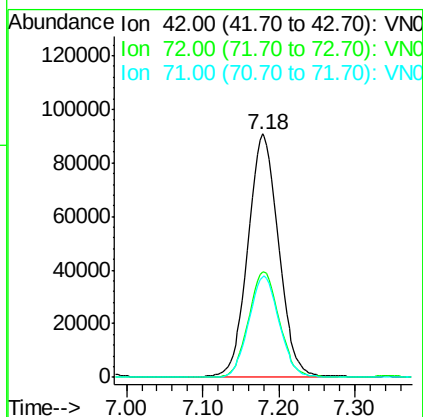
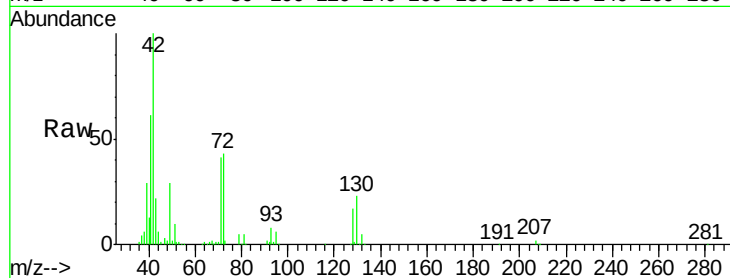




#29
Tetrahydrofuran
Concen: 275.19 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

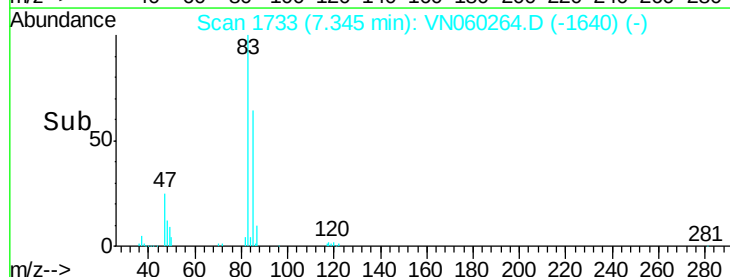
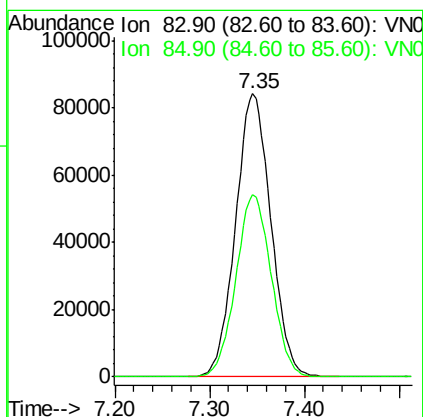
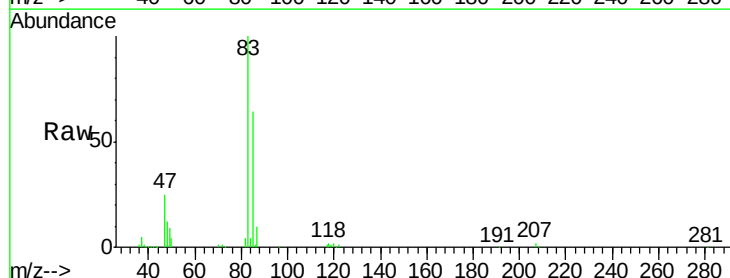
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

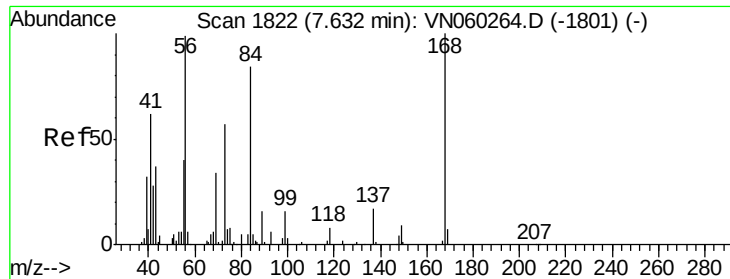
Tgt Ion: 42 Resp: 256154
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 41.1 32.9 49.3



#30
Chloroform
Concen: 50.36 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 83 Resp: 218308
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2

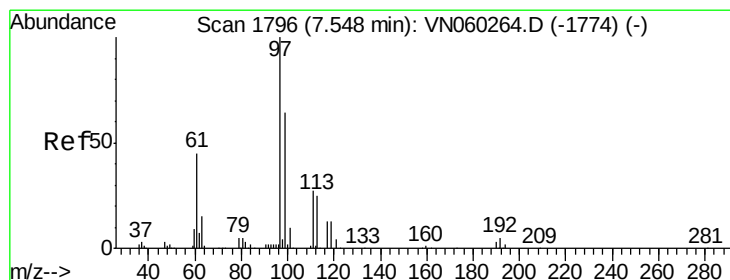
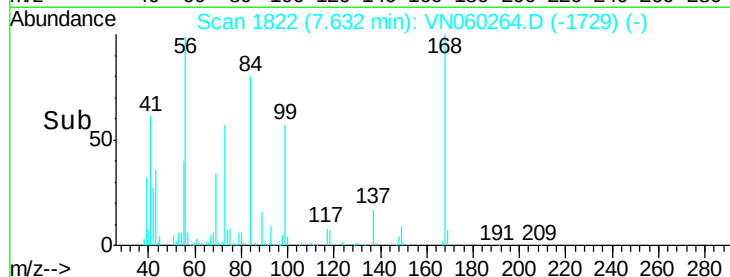
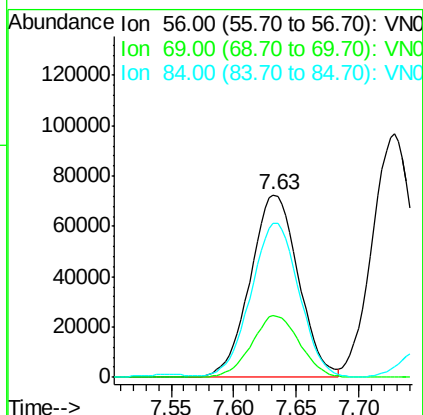
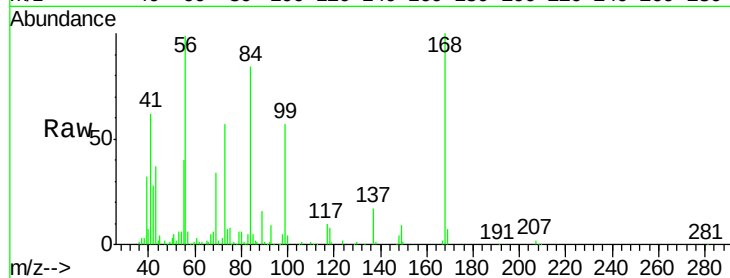




#31
Cyclohexane
Concen: 49.99 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

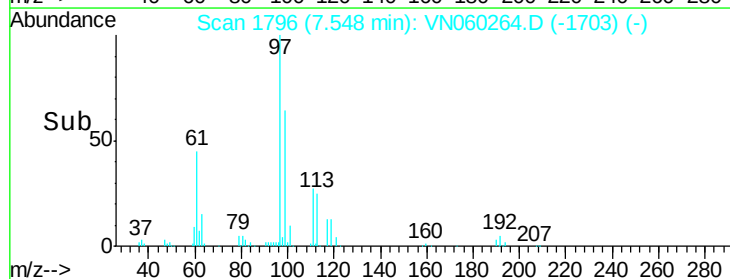
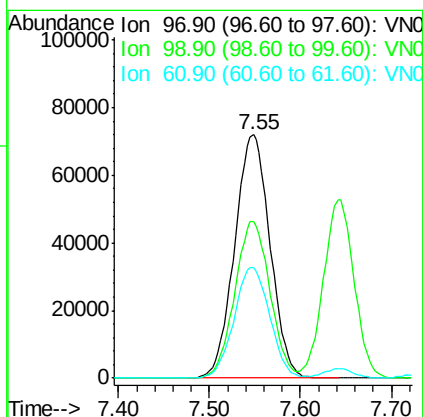
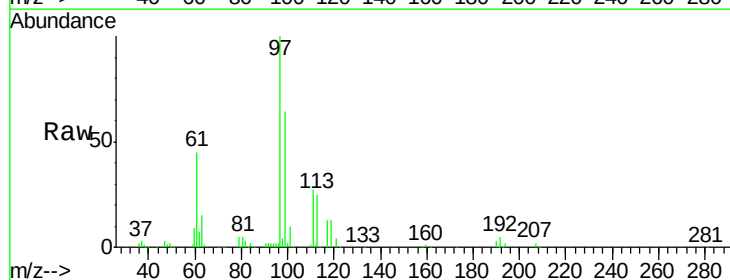
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

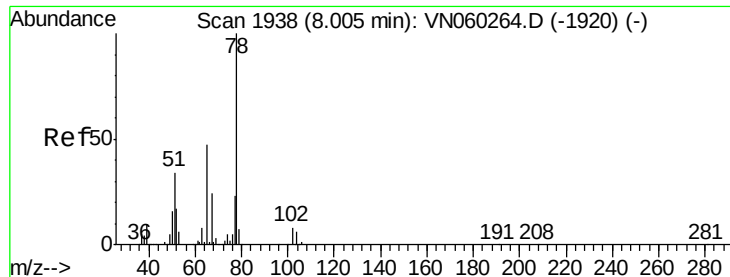
Tgt Ion: 56 Resp: 194196
Ion Ratio Lower Upper
56 100
69 34.0 27.2 40.8
84 83.4 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 49.36 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 97 Resp: 194459
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 45.8 36.6 55.0

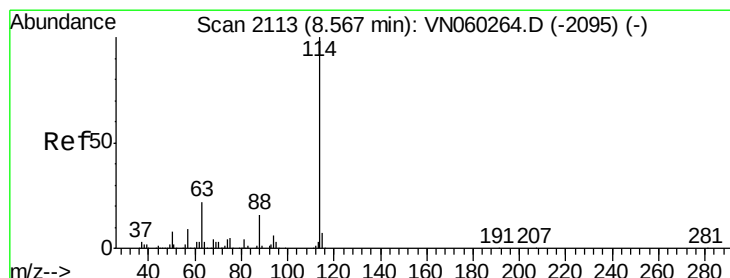
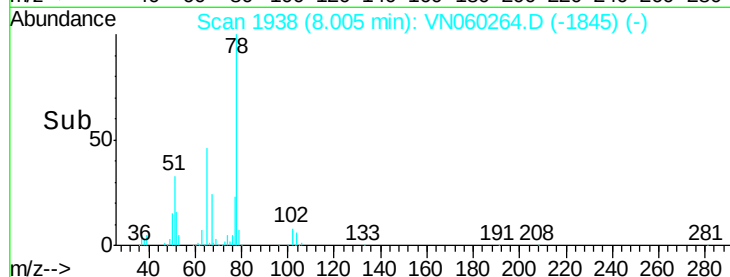
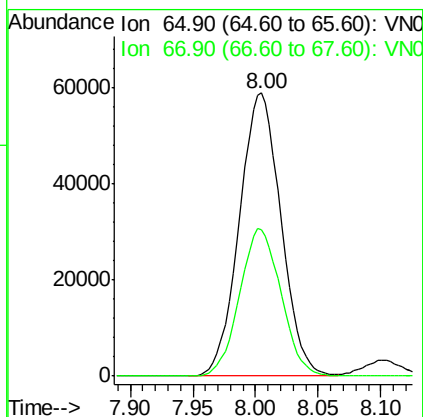
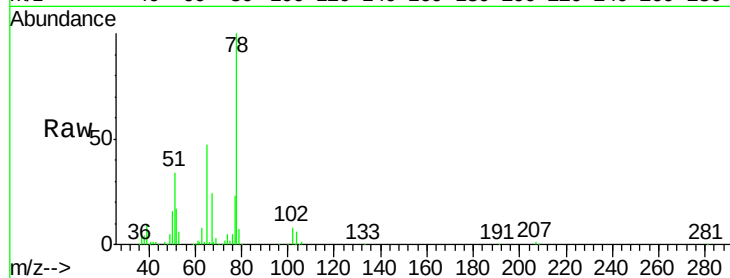




#33
 1,2-Dichloroethane-d4
 Concen: 50.13 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

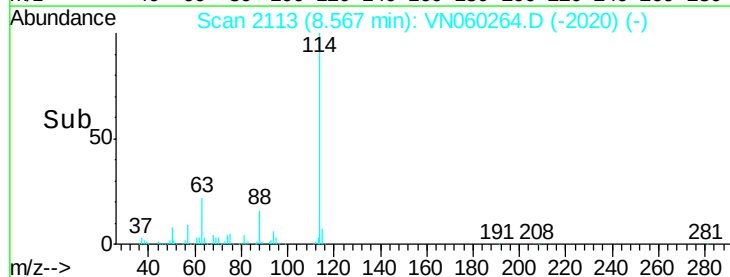
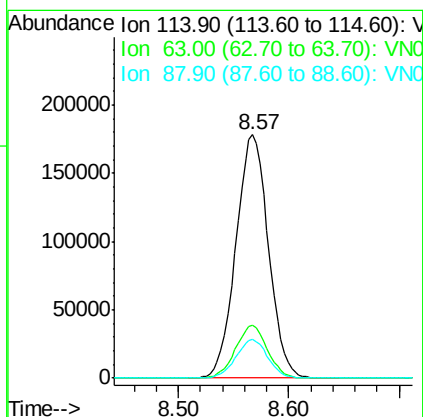
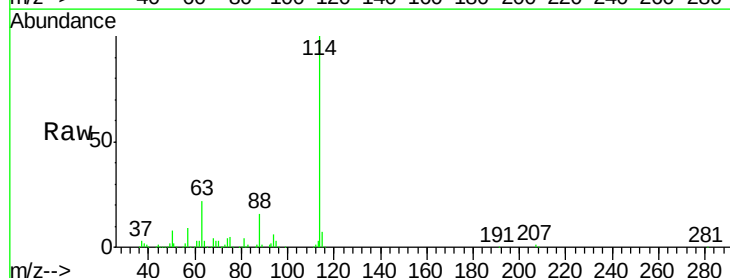
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

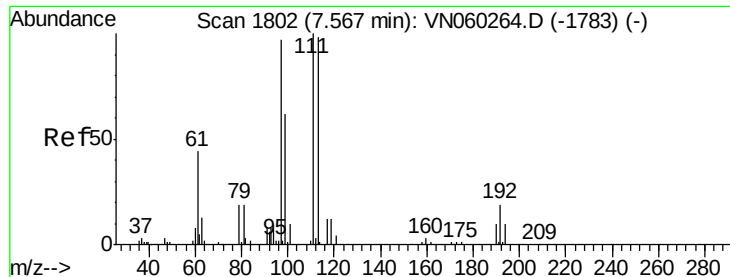
Tgt Ion: 65 Resp: 136360
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 114 Resp: 363280
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.8 0.0 31.6

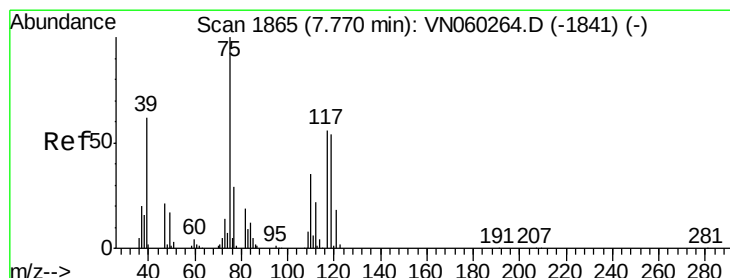
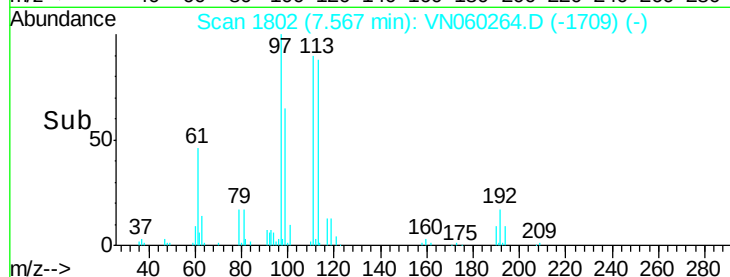
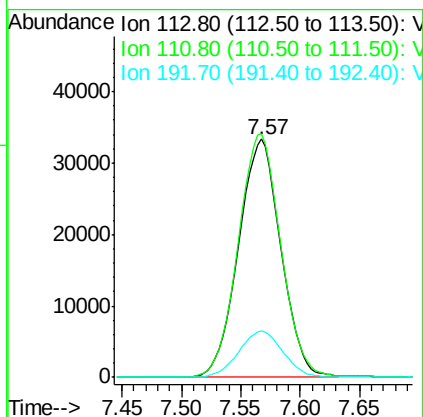
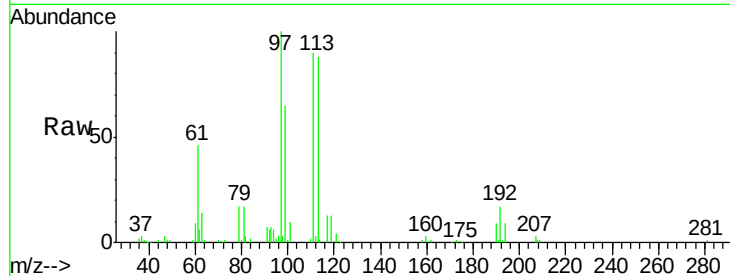




#35
 Dibromofluoromethane
 Concen: 39.04 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

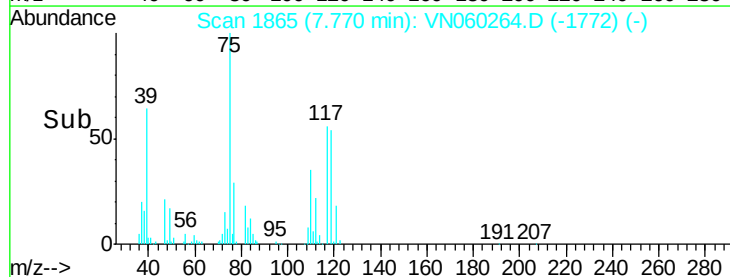
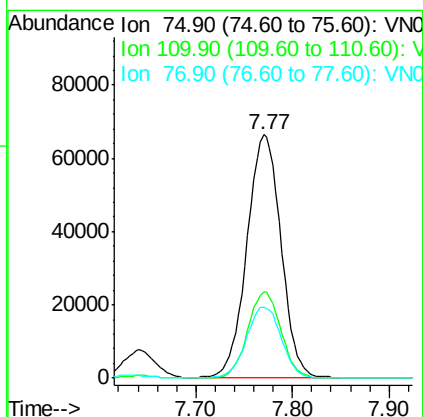
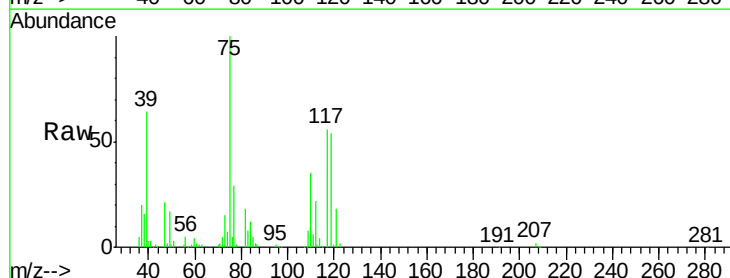
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

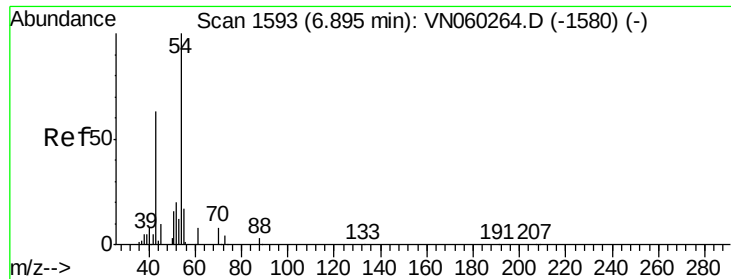
Tgt Ion: 113 Resp: 82113
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 20.2 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 48.28 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 75 Resp: 161882
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.3 52.0
 77 30.2 24.2 36.2

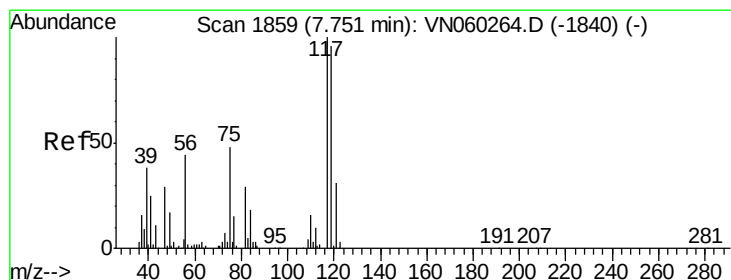
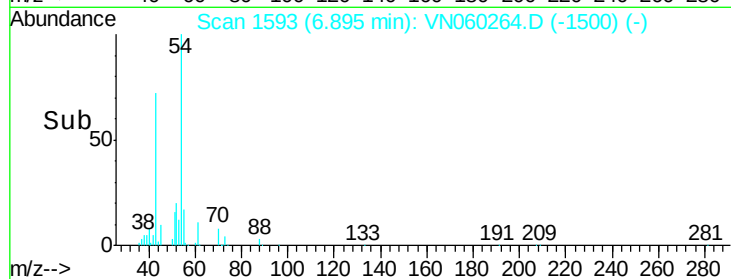
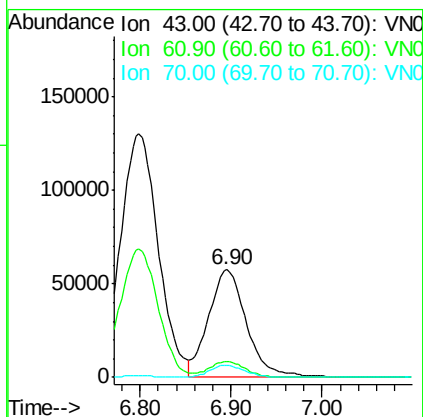
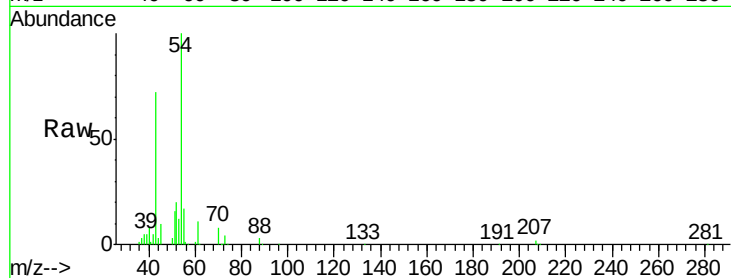




#37
Ethyl Acetate
Concen: 53.18 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

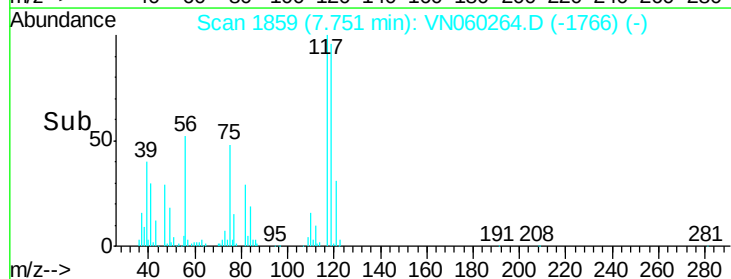
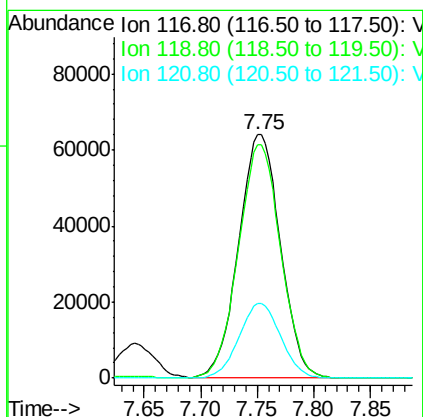
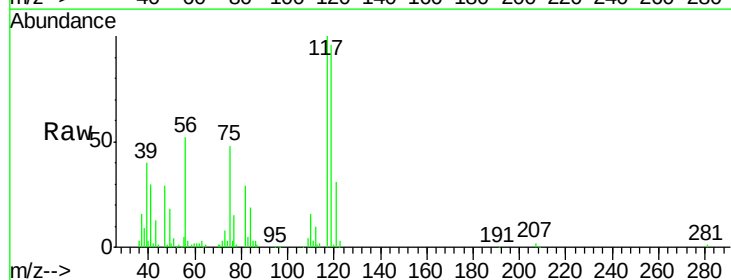
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

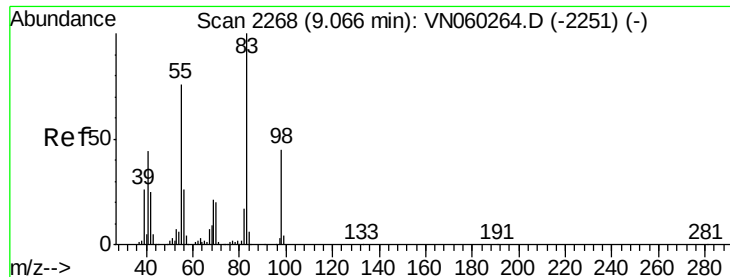
Tgt Ion: 43 Resp: 163758
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 45.67 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 117 Resp: 164744
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 30.6 24.5 36.7

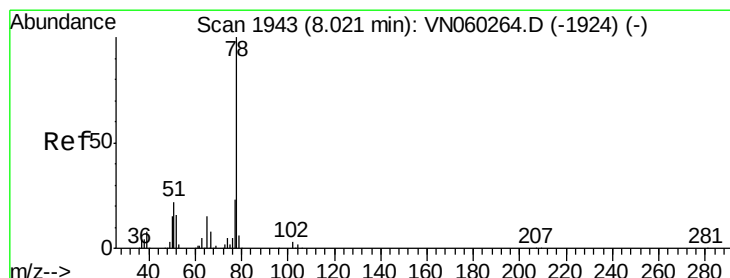
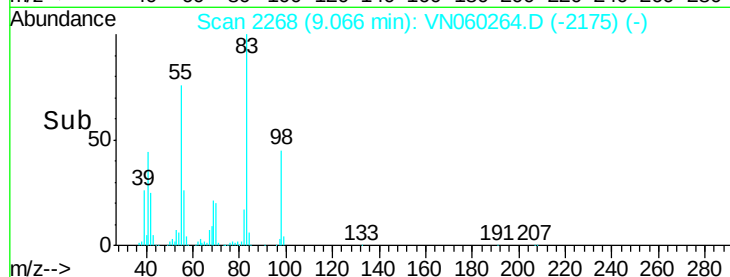
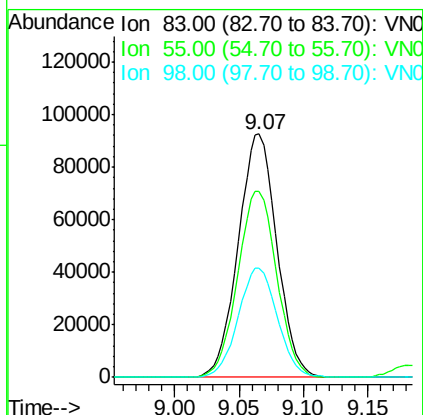
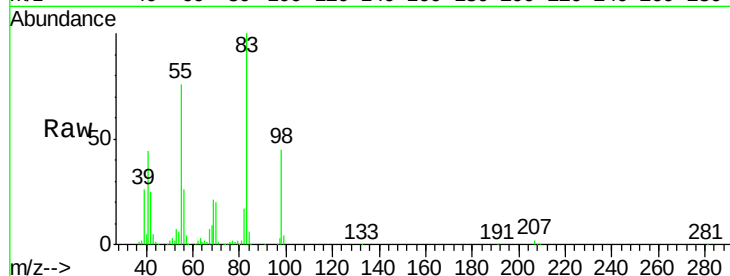




#39
Methylcyclohexane
Concen: 46.66 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

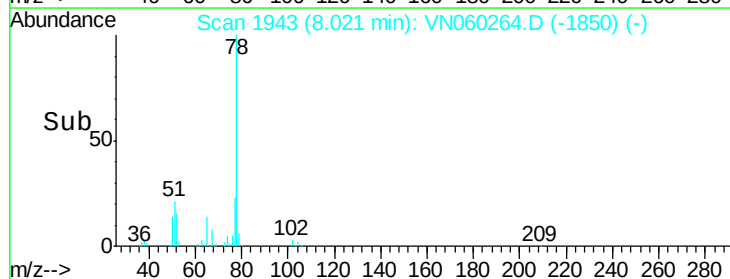
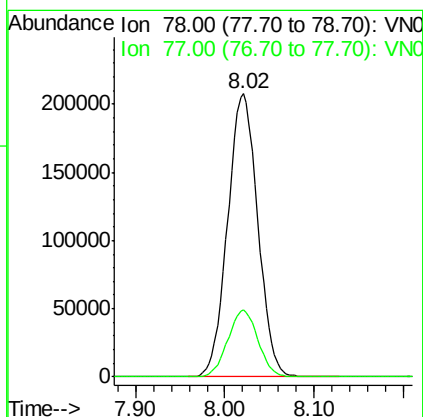
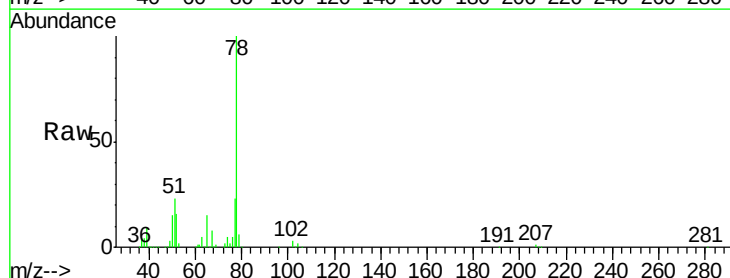
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

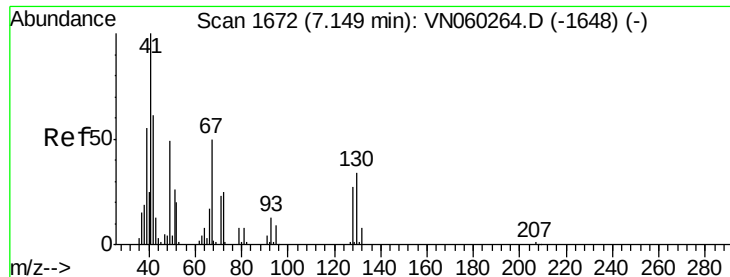
Tgt Ion: 83 Resp: 193262
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.4
98 45.1 36.1 54.1



#40
Benzene
Concen: 48.73 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 78 Resp: 486517
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

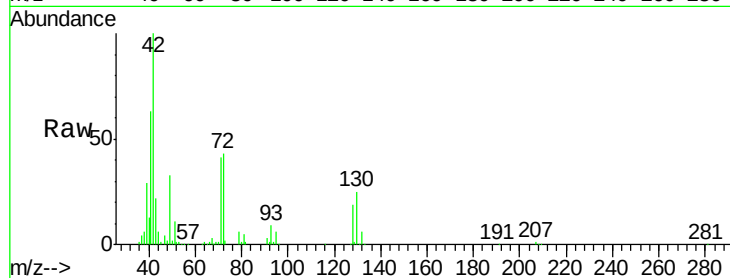




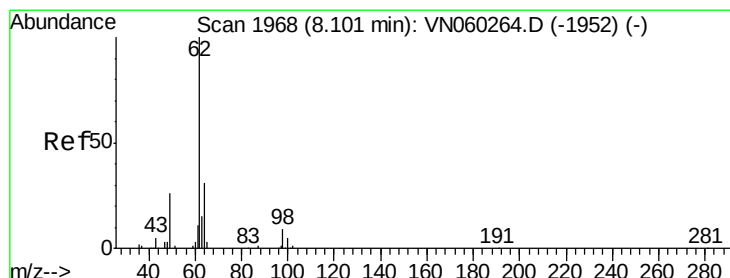
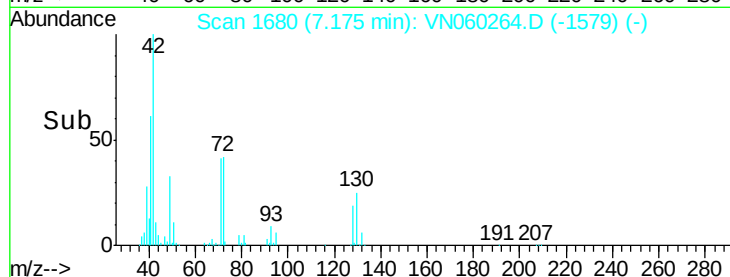
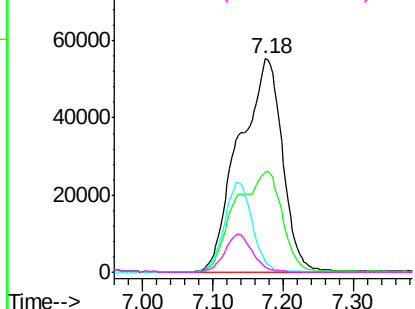
#41
Methacrylonitrile
Concen: 181.82 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	237367
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

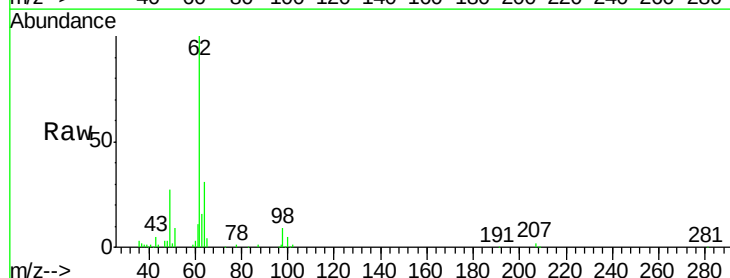


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

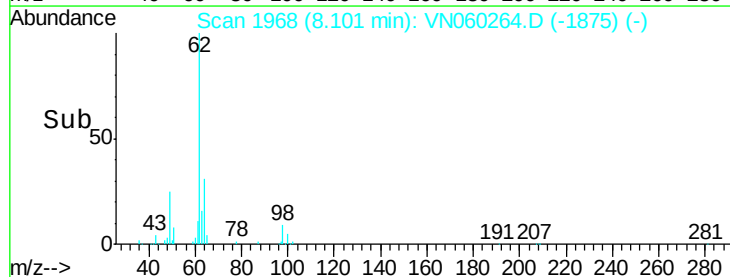
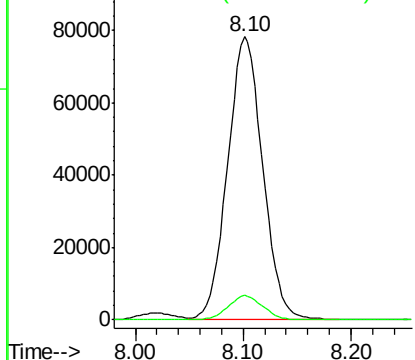


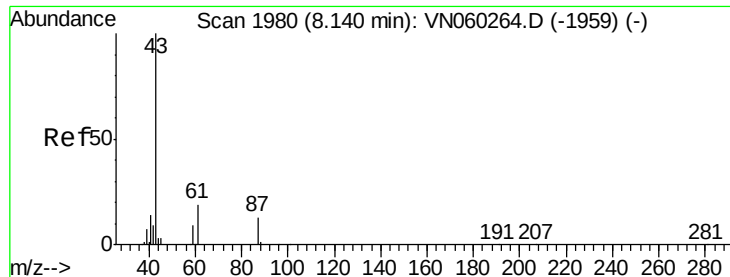
#42
1,2-Dichloroethane
Concen: 50.61 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion:	62	Resp:	177742
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 53.96 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

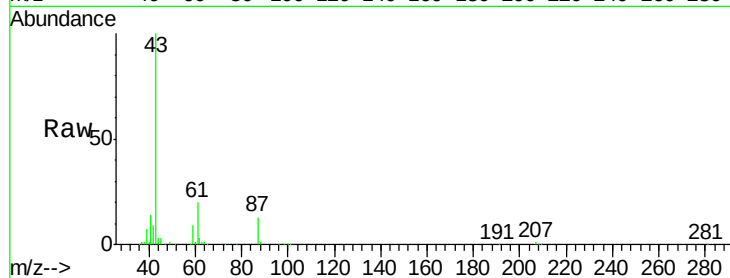
Tgt Ion: 43 Resp: 285053

Ion Ratio Lower Upper

43 100

61 26.1 20.9 31.3

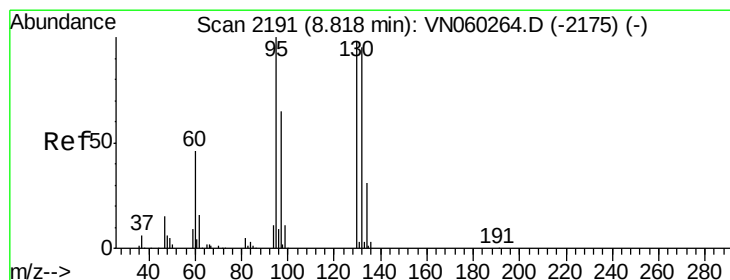
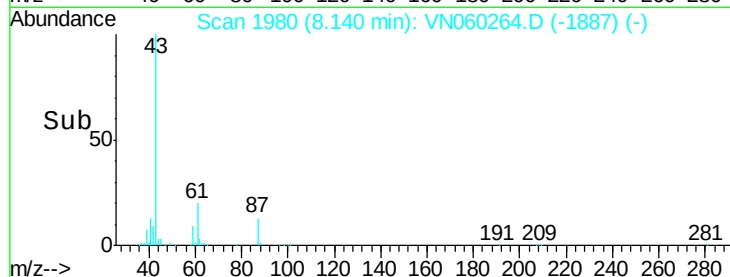
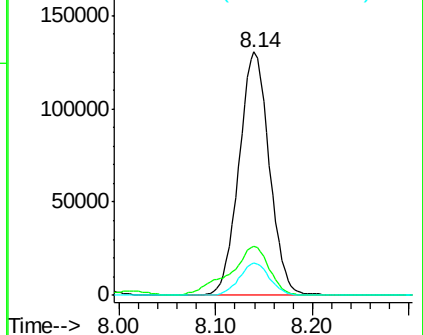
87 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#44

Trichloroethene

Concen: 48.17 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060264.D

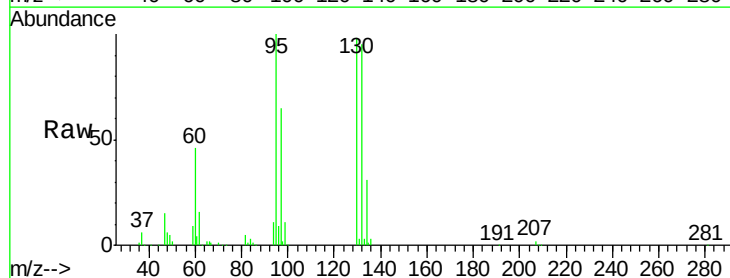
Acq: 27 Feb 2020 11:29

Tgt Ion: 130 Resp: 132792

Ion Ratio Lower Upper

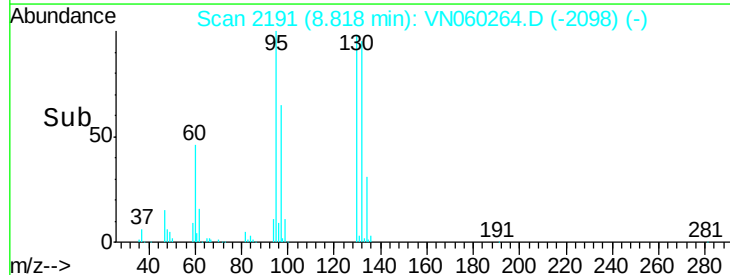
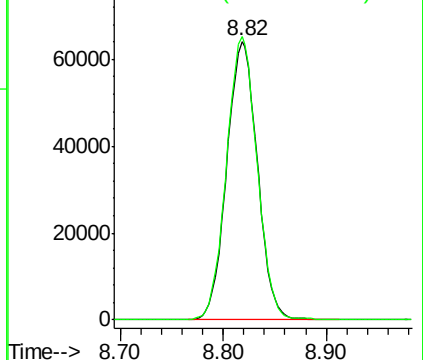
130 100

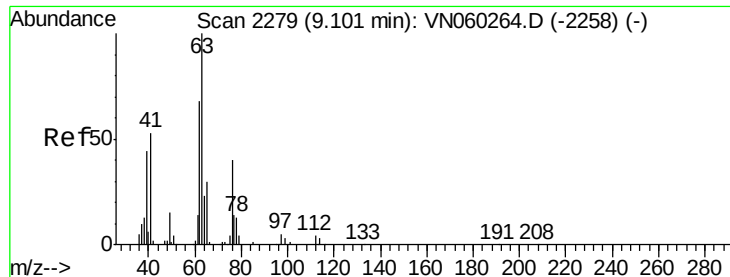
95 101.7 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060264.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060264.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 52.41 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

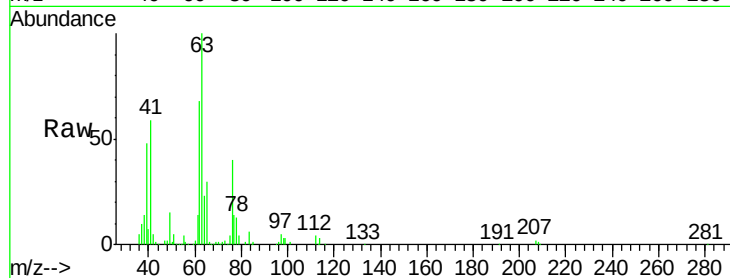
VSTDICCC050

Tgt Ion: 63 Resp: 130689

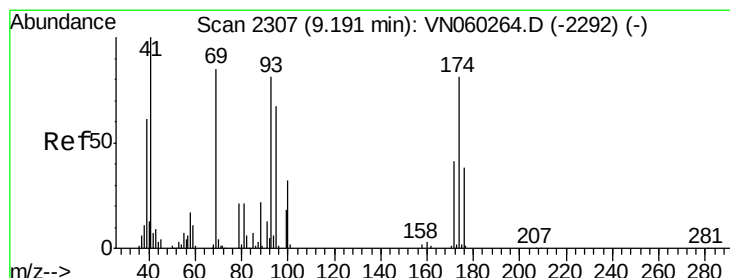
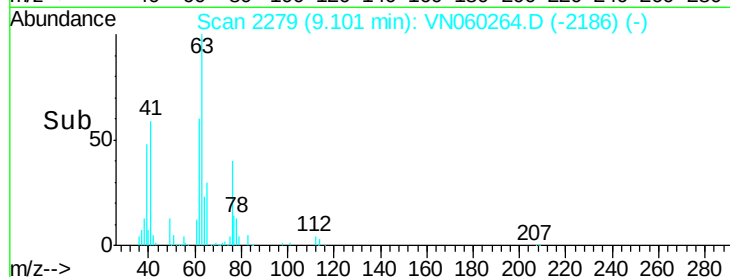
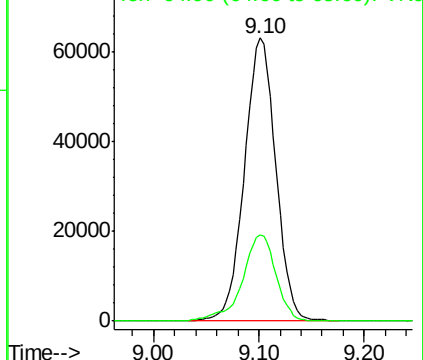
Ion Ratio Lower Upper

63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 48.46 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

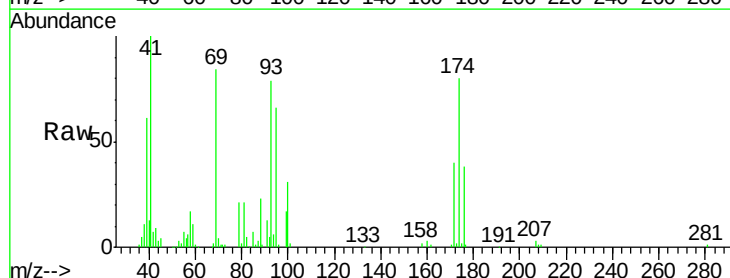
Tgt Ion: 93 Resp: 84065

Ion Ratio Lower Upper

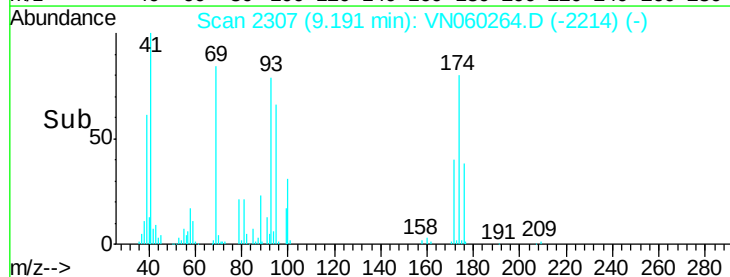
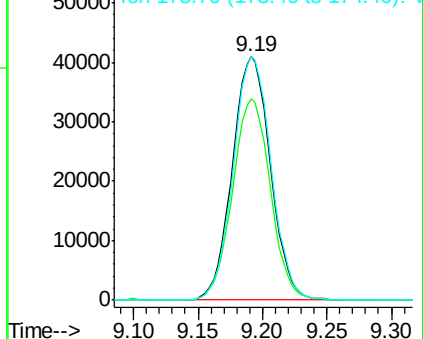
93 100

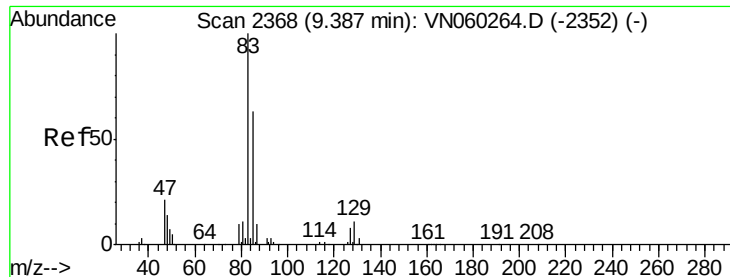
95 82.4 65.9 98.9

174 99.5 79.6 119.4



Abundance Ion 92.80 (92.50 to 93.50): VNO
Ion 94.80 (94.50 to 95.50): VNO
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.99 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

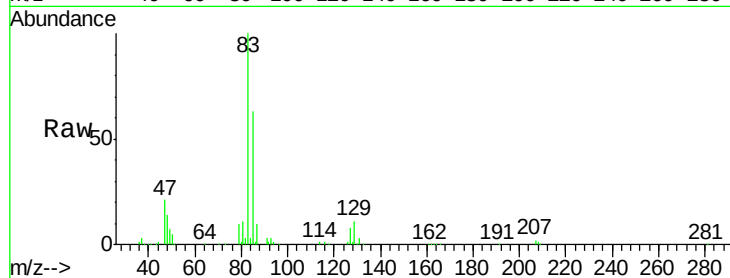
Tgt Ion: 83 Resp: 173277

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

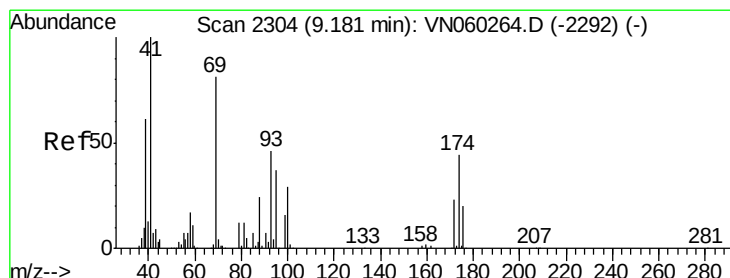
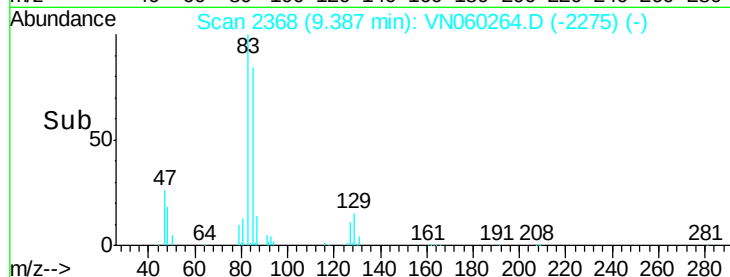
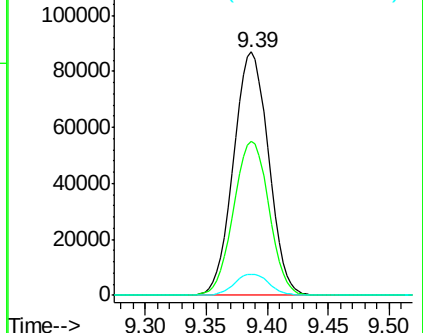
127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060264.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060264.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060264.D (-2275) (-)



#48

Methyl methacrylate

Concen: 54.29 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

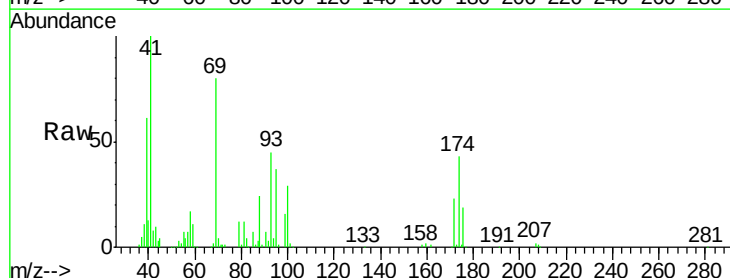
Tgt Ion: 41 Resp: 128582

Ion Ratio Lower Upper

41 100

69 83.4 66.7 100.1

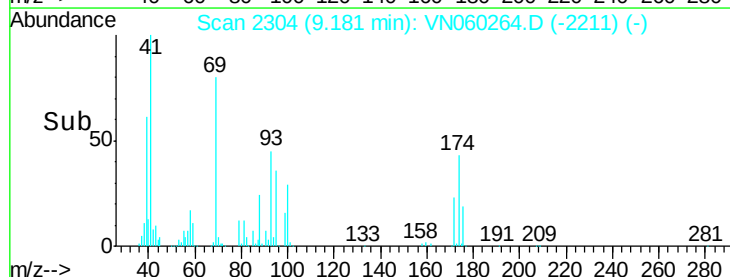
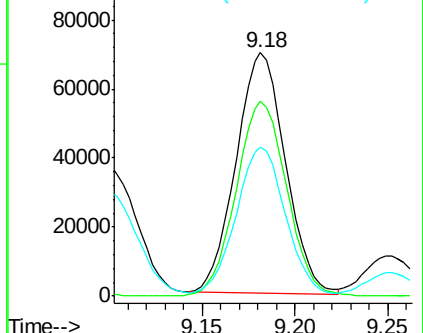
39 62.6 50.1 75.1

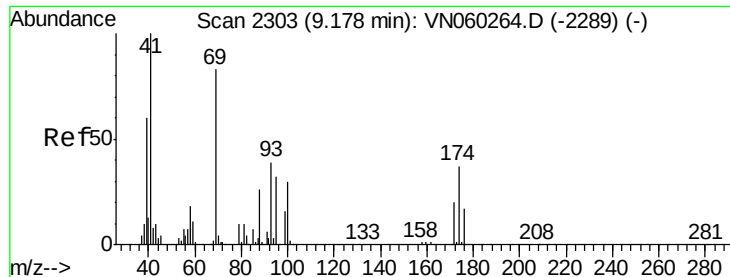


Abundance Ion 41.00 (40.70 to 41.70): VN060264.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060264.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060264.D (-2211) (-)





#49

1,4-Dioxane

Concen: 906.23 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

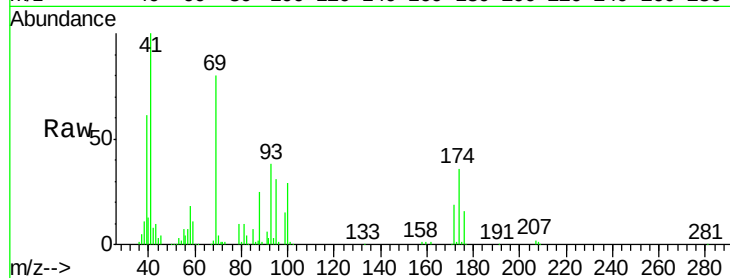
Tgt Ion: 88 Resp: 34762

Ion Ratio Lower Upper

88 100

43 38.0 30.4 45.6

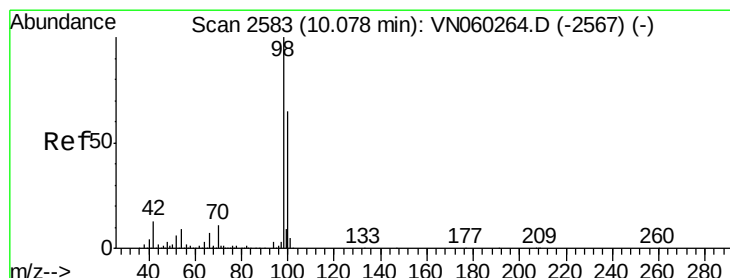
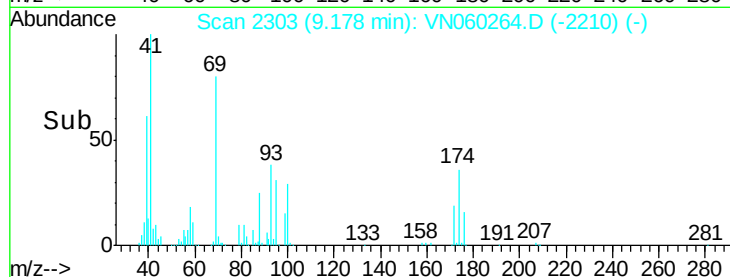
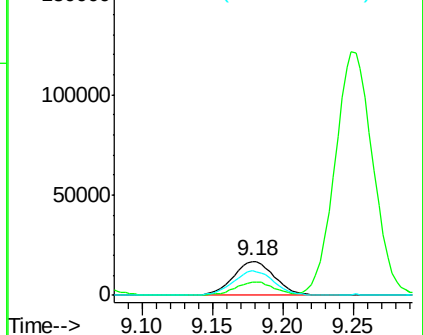
58 71.3 57.0 85.6



Abundance Ion 88.00 (87.70 to 88.70): VN060264.D (-2289) (-)

Ion 43.00 (42.70 to 43.70): VN060264.D (-2289) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2289) (-)



#50

Toluene-d8

Concen: 46.52 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060264.D

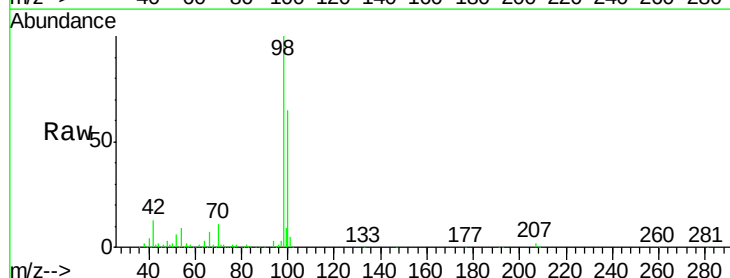
Acq: 27 Feb 2020 11:29

Tgt Ion: 98 Resp: 401540

Ion Ratio Lower Upper

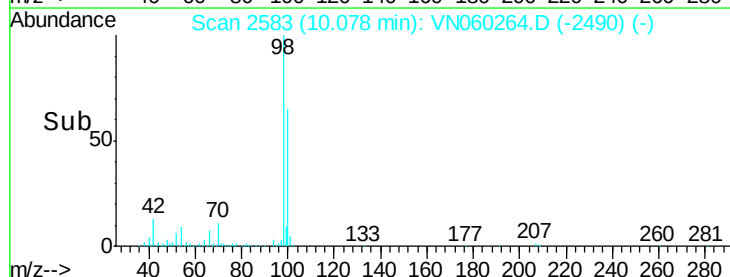
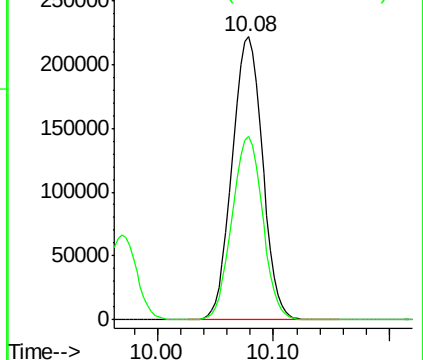
98 100

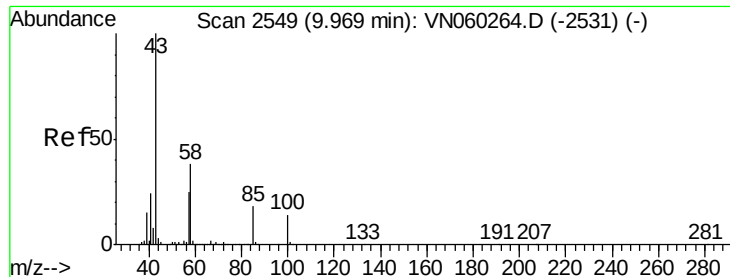
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

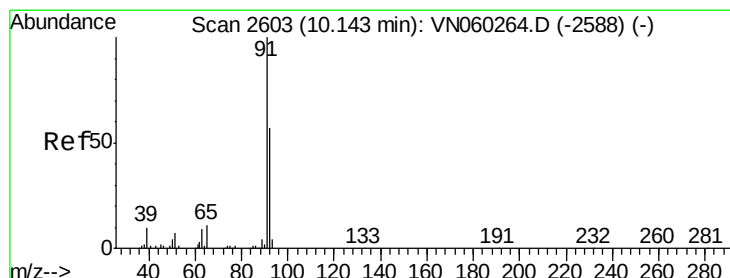
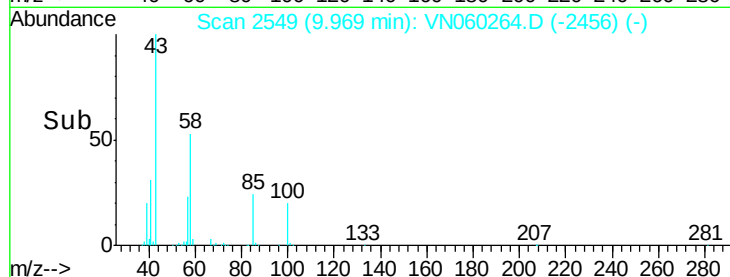
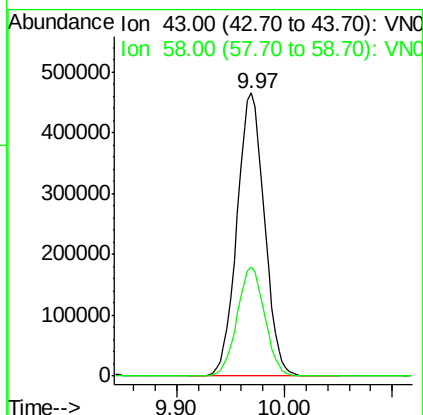
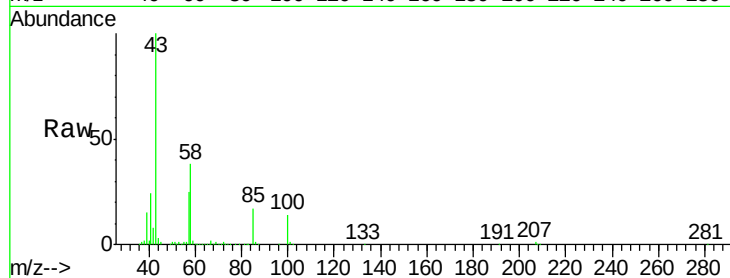




#51
 4-Methyl-2-Pentanone
 Concen: 271.79 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

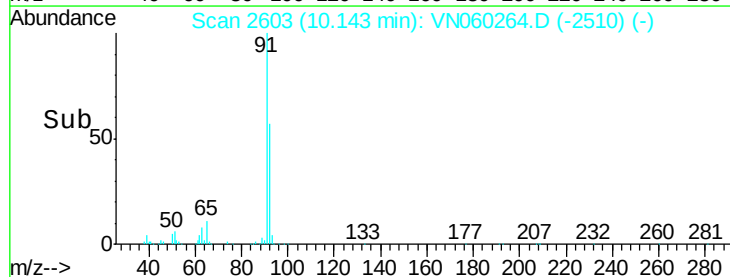
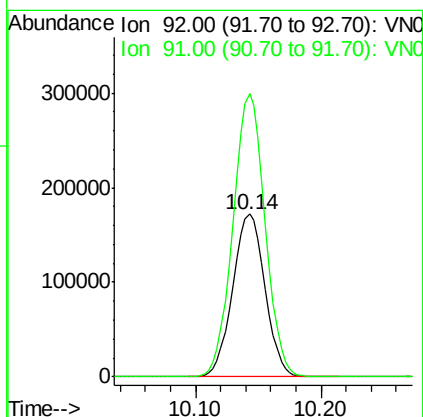
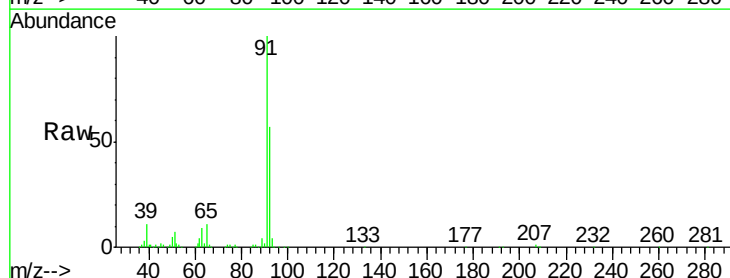
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

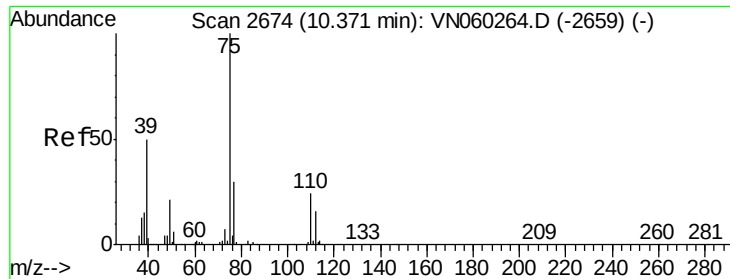
Tgt Ion: 43 Resp: 826868
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3



#52
 Toluene
 Concen: 48.32 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 92 Resp: 307965
 Ion Ratio Lower Upper
 92 100
 91 172.6 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 50.82 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampled :

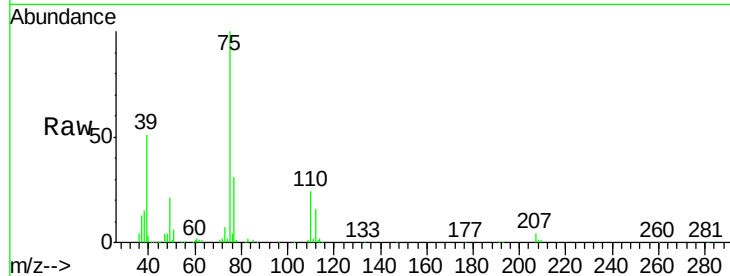
VSTDICCC050

Tgt Ion: 75 Resp: 204035

Ion Ratio Lower Upper

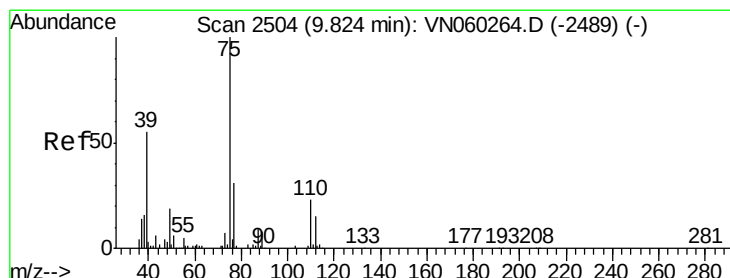
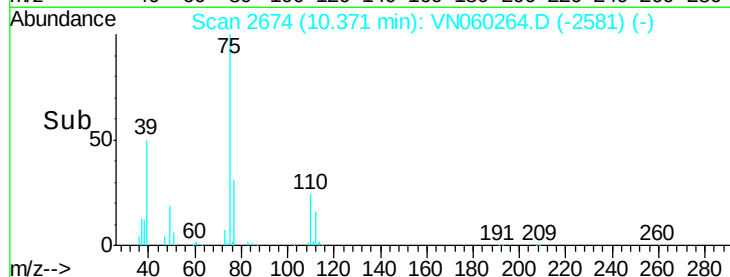
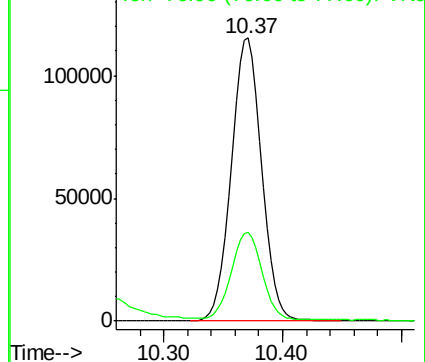
75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.63 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

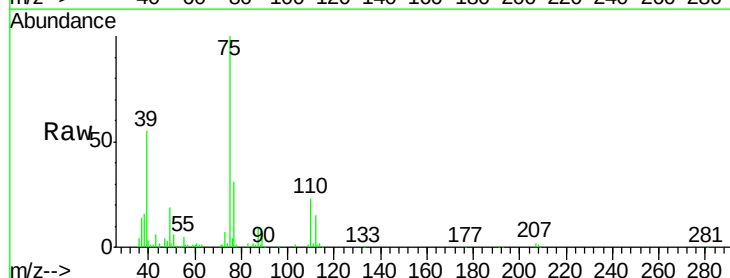
Tgt Ion: 75 Resp: 214290

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

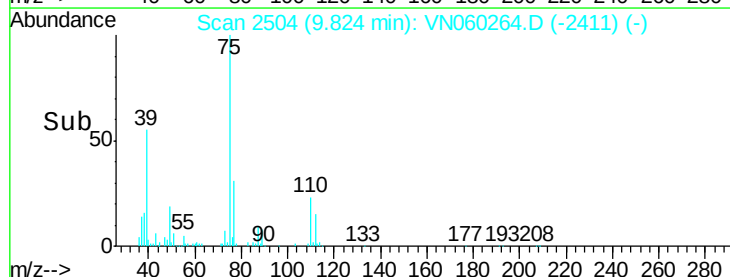
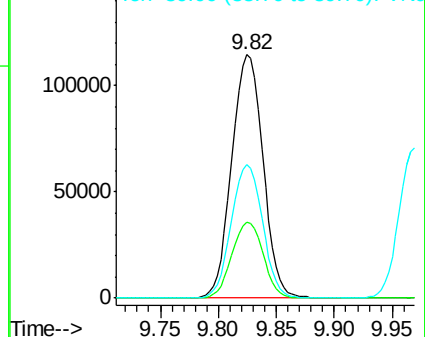
39 54.8 43.8 65.8

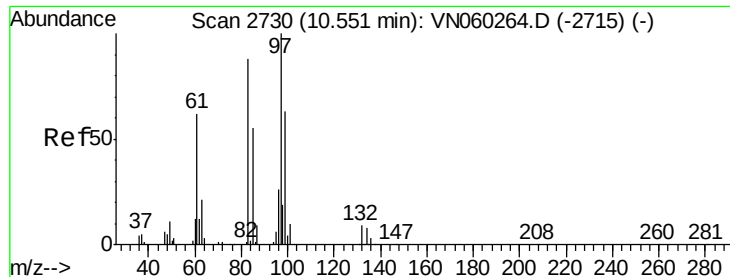


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

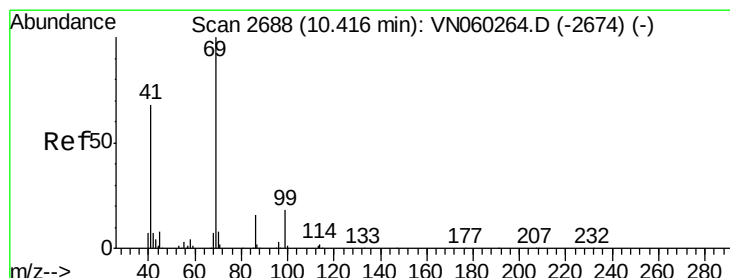
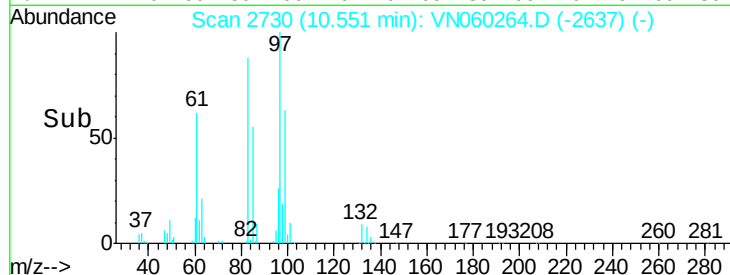
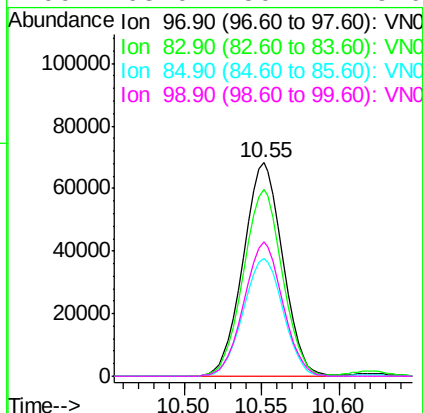
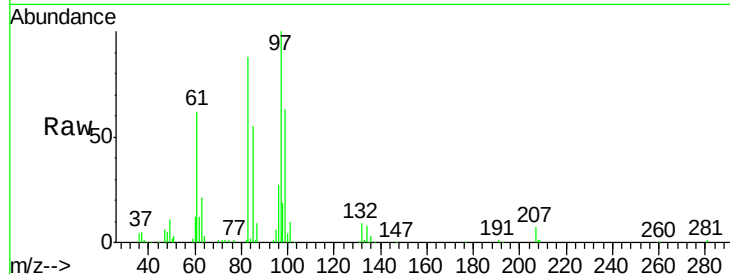




#55
 1,1,2-Trichloroethane
 Concen: 48.87 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

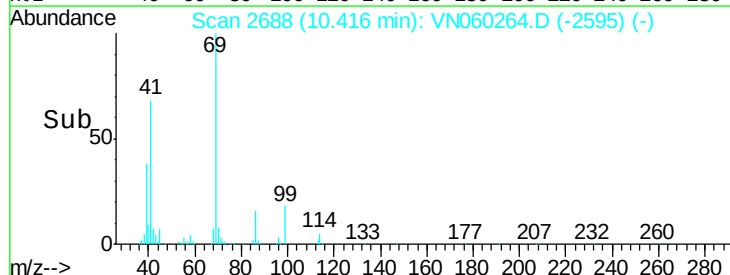
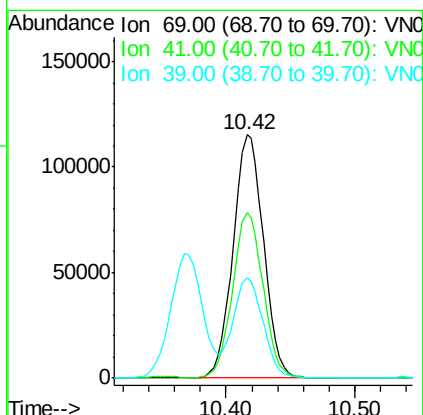
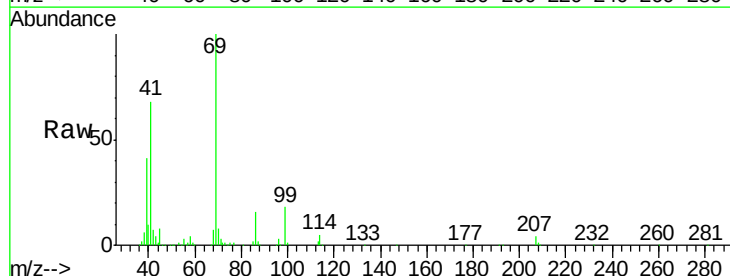
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

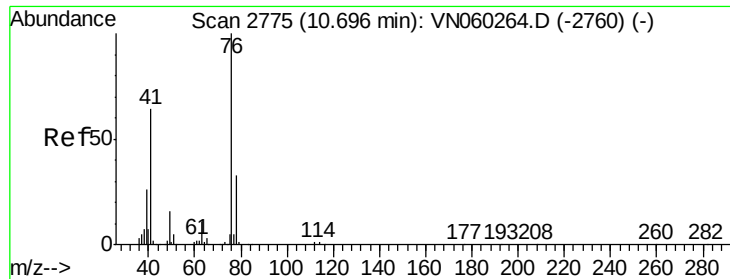
Tgt Ion:	97	Resp:	121544
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.0	105.0
85	55.0	44.0	66.0
99	63.0	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 53.33 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion:	69	Resp:	189138
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.1	81.1
39	40.6	32.5	48.7

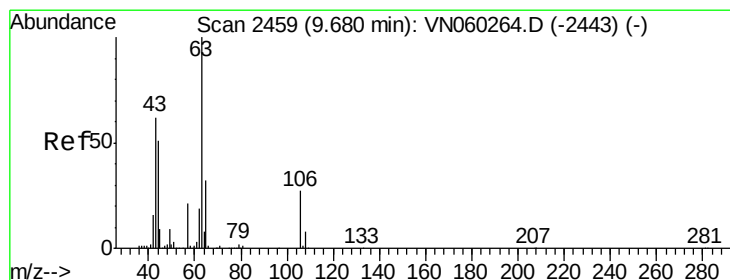
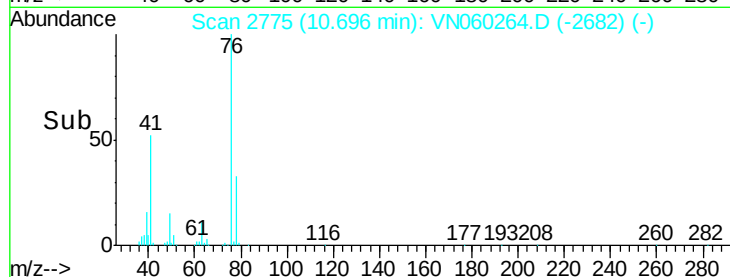
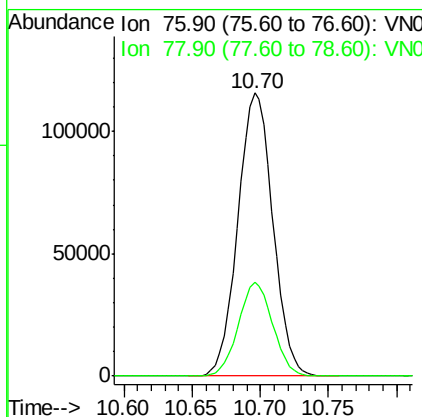
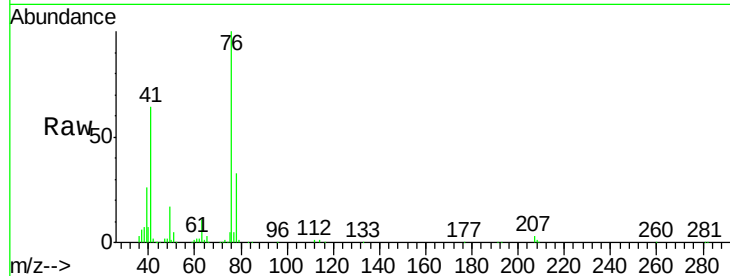




#57
 1,3-Dichloropropane
 Concen: 49.79 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

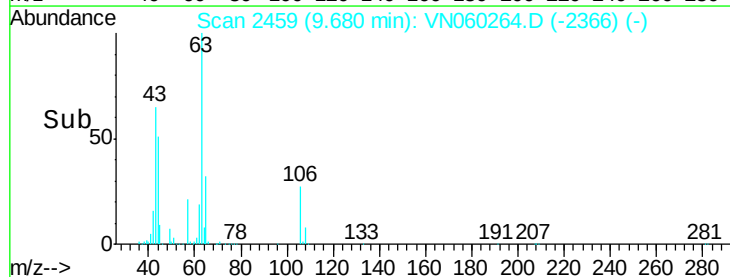
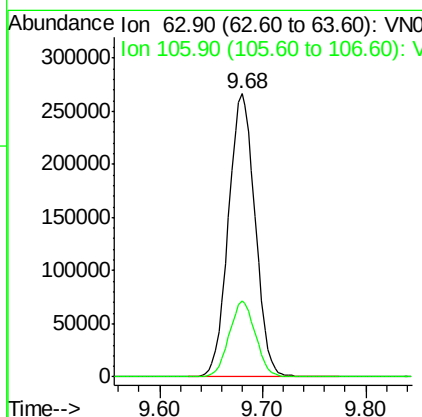
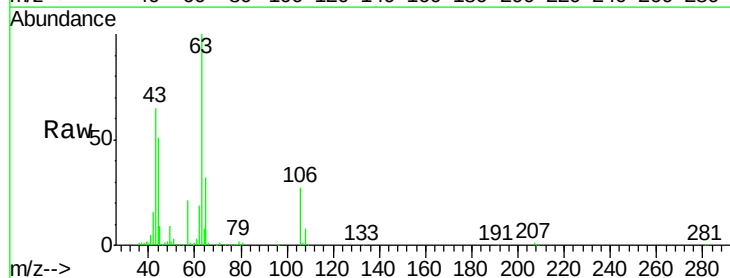
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

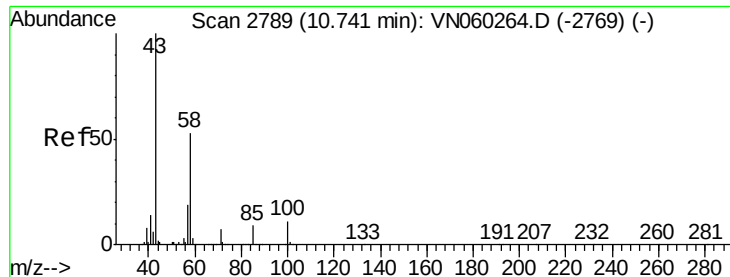
Tgt Ion: 76 Resp: 205583
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.23 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 63 Resp: 480267
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.1 31.7

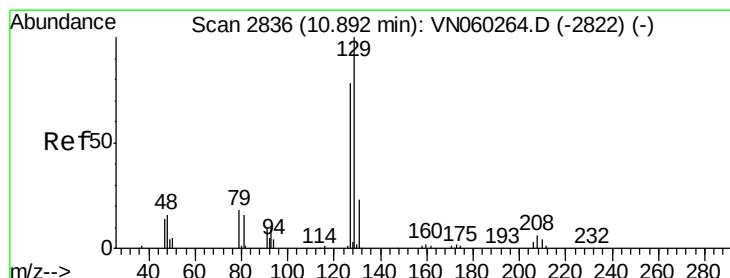
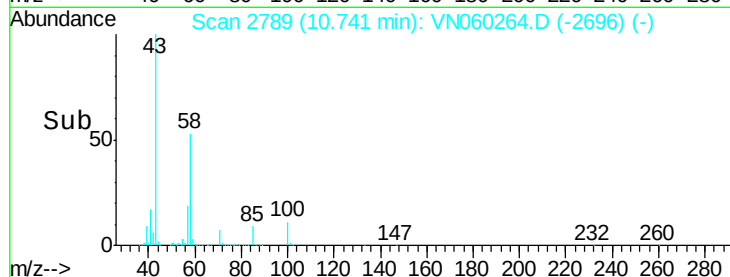
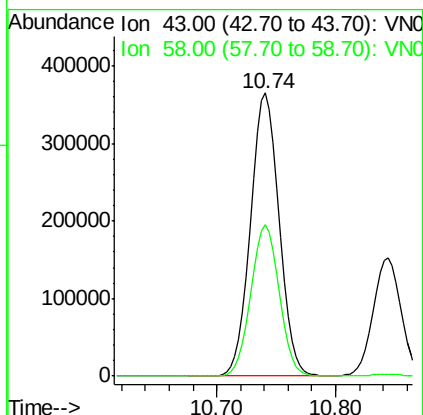
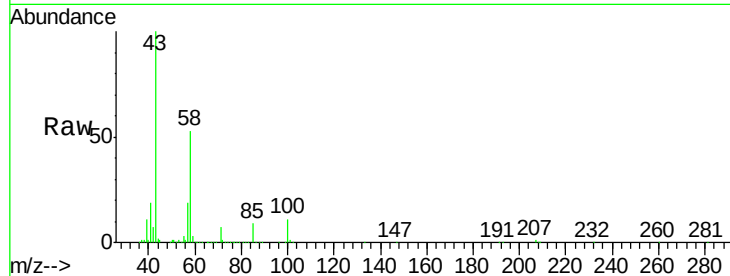




#59
2-Hexanone
Concen: 262.86 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

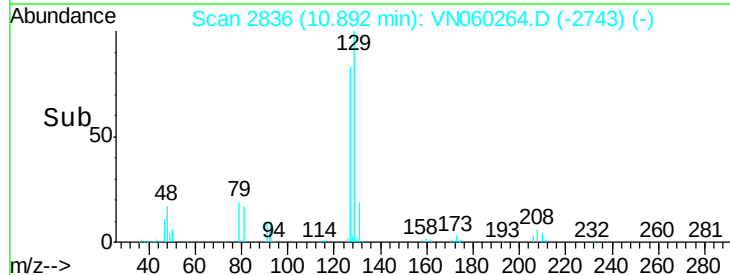
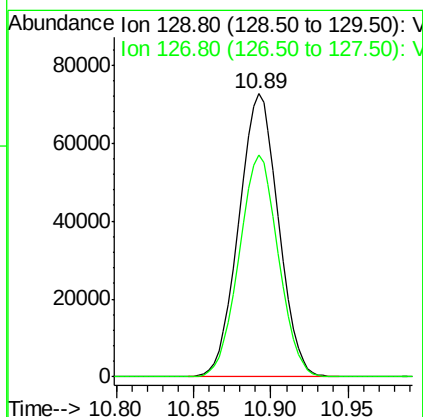
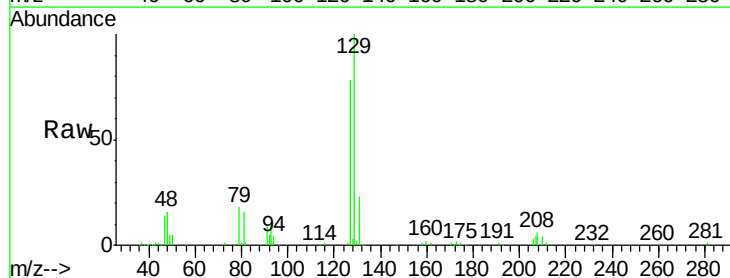
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

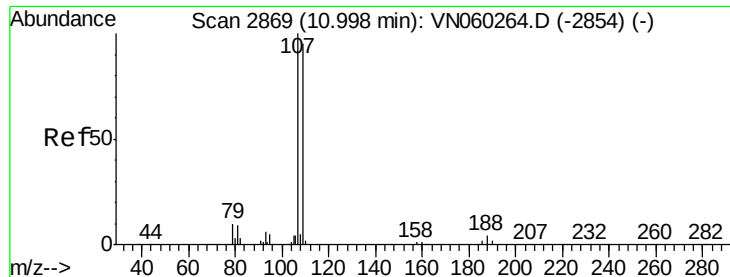
Tgt Ion: 43 Resp: 608314
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 45.95 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 129 Resp: 129321
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 47.78 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

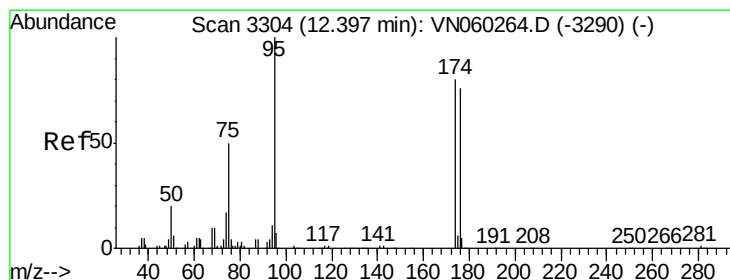
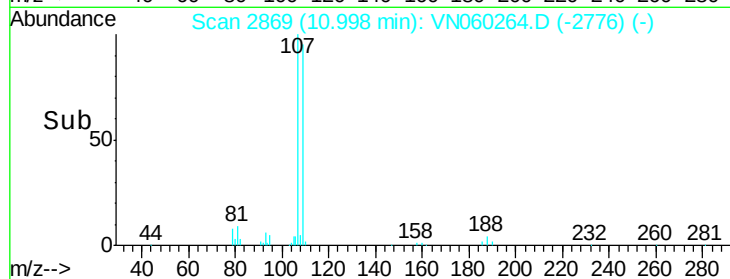
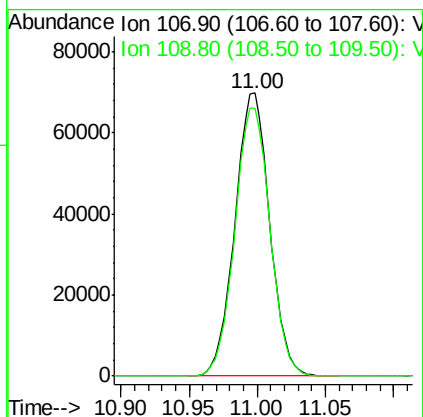
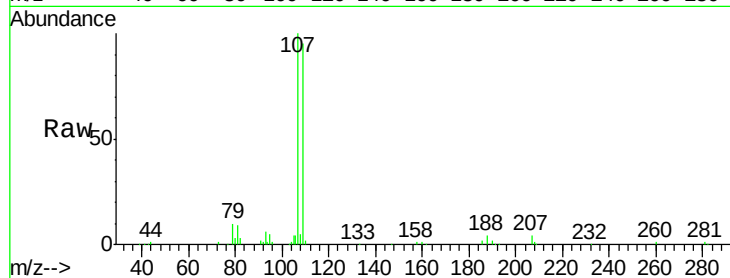
VSTDICCC050

Tgt Ion: 107 Resp: 123607

Ion Ratio Lower Upper

107 100

109 96.0 76.8 115.2



#62

4-Bromofluorobenzene

Concen: 48.05 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

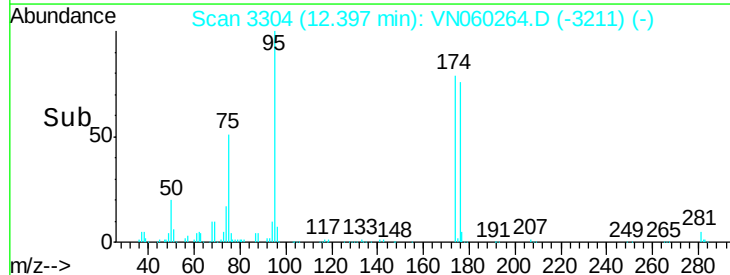
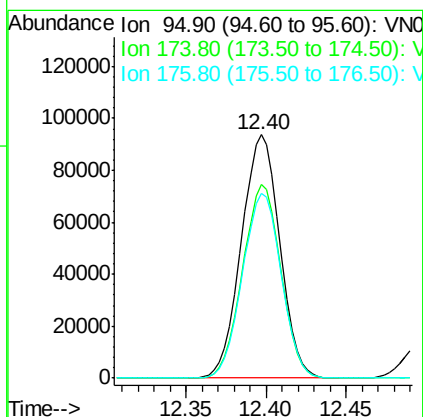
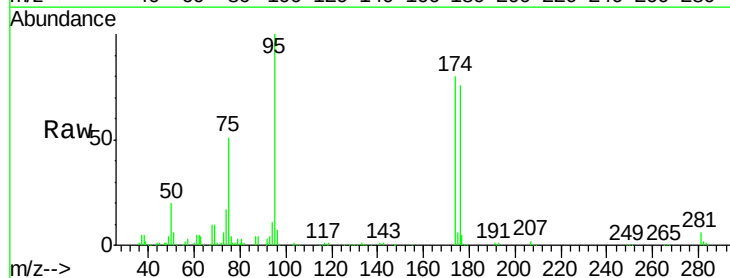
Tgt Ion: 95 Resp: 153540

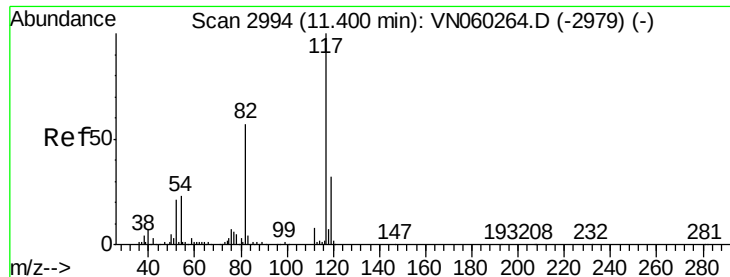
Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.2

176 76.9 0.0 153.8

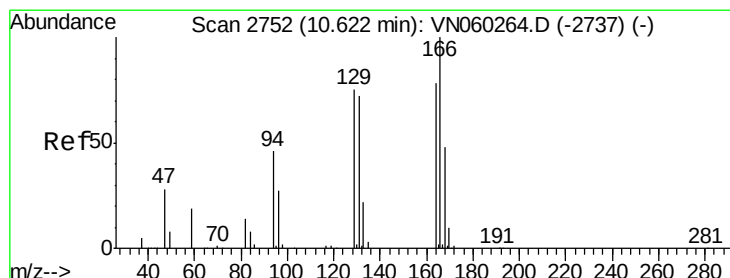
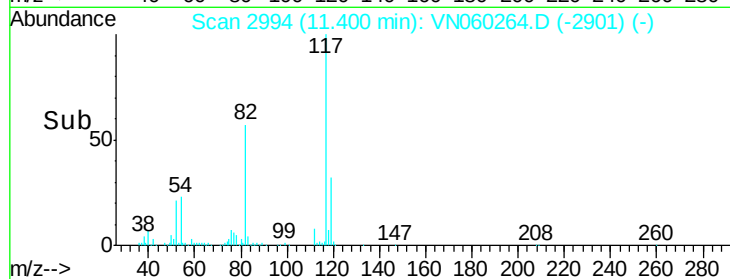
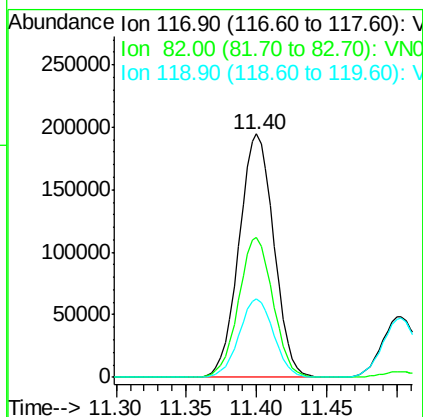
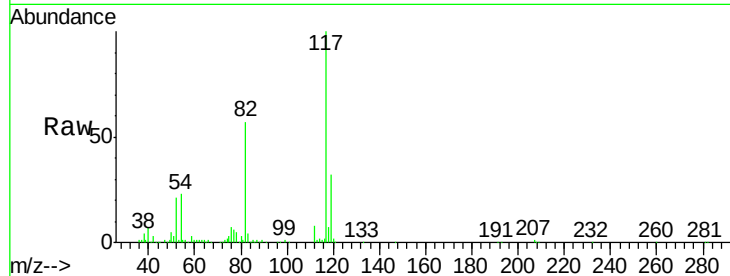




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

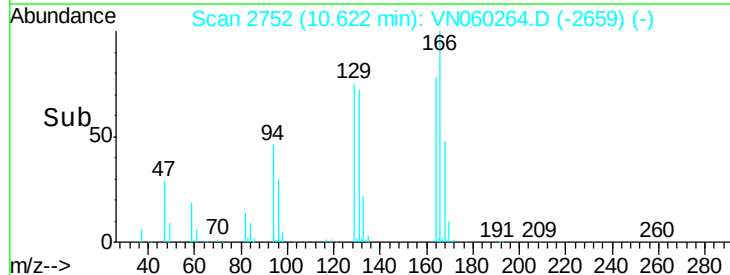
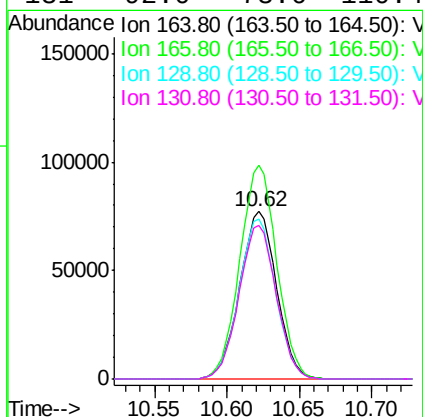
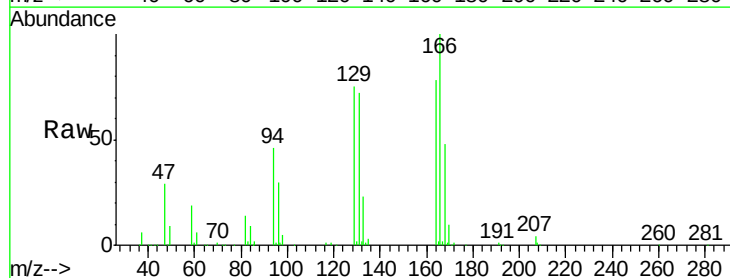
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

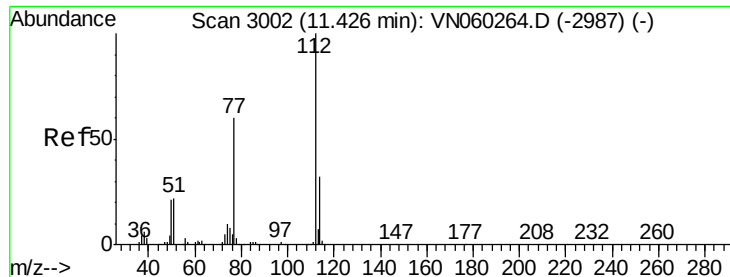
Tgt Ion:117 Resp: 336779
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 52.31 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion:164 Resp: 136170
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 95.5 76.4 114.6
131 92.0 73.6 110.4





#65

Chlorobenzene

Concen: 47.80 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

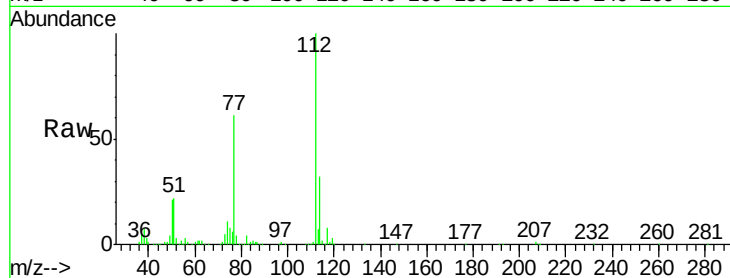
VSTDICCC050

Tgt Ion:112 Resp: 326323

Ion Ratio Lower Upper

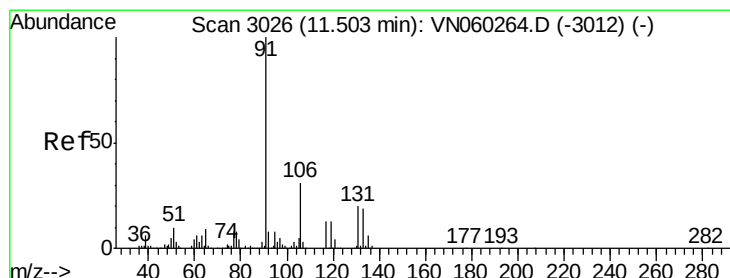
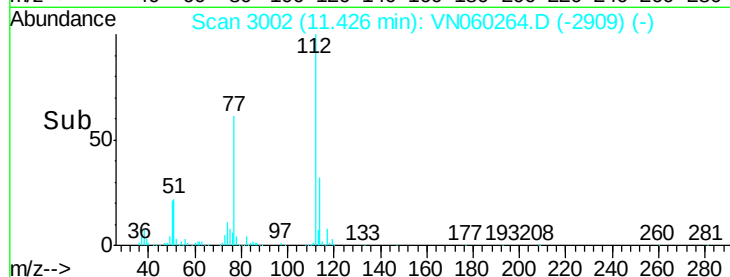
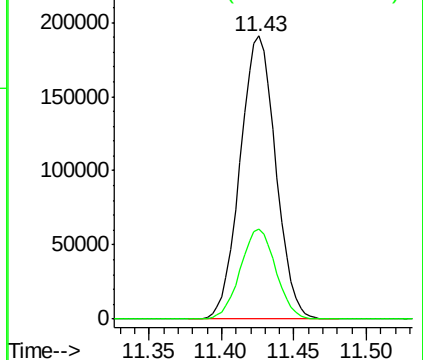
112 100

114 31.7 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.85 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

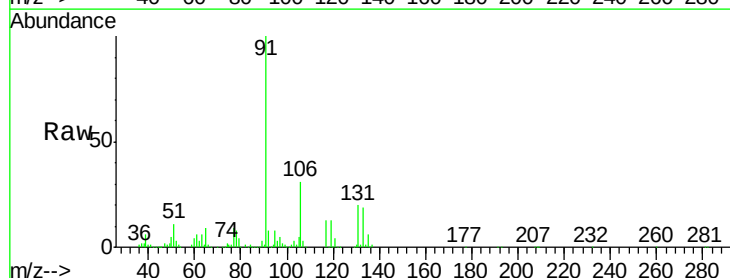
Tgt Ion:131 Resp: 123298

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

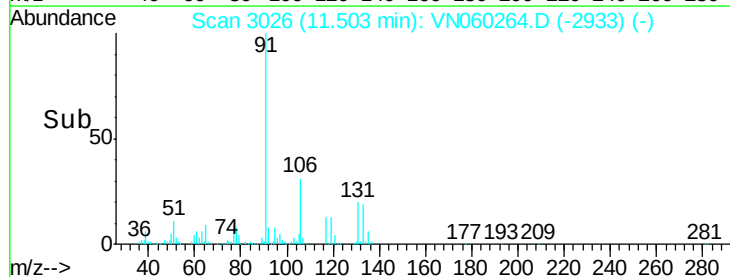
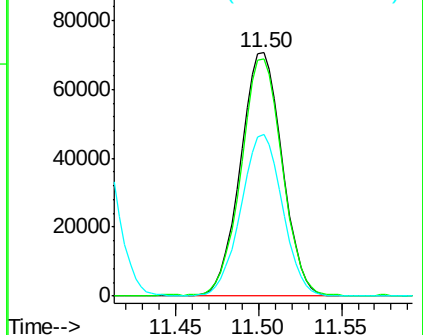
119 66.4 33.2 99.6

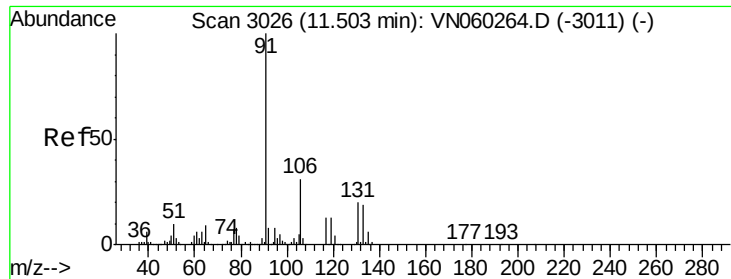


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.80 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampled :

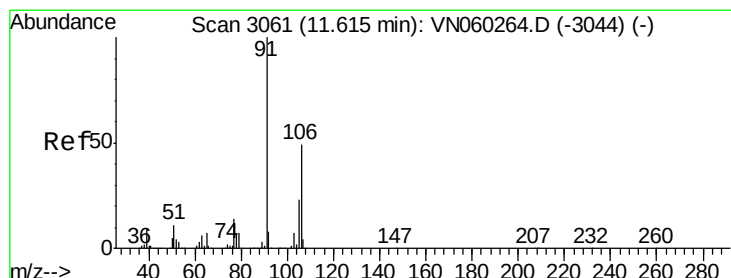
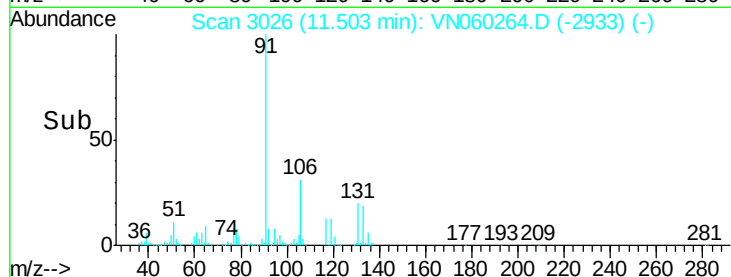
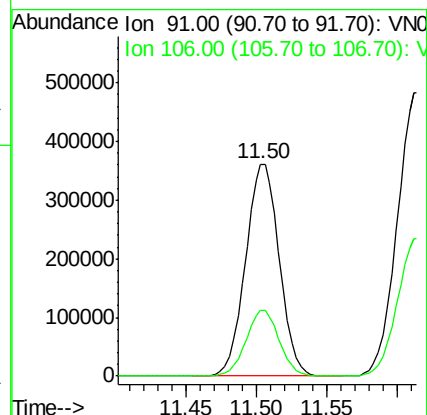
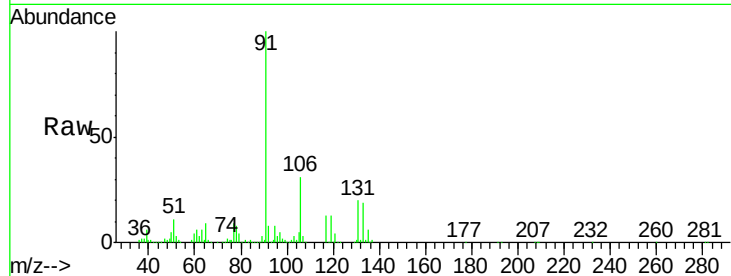
VSTDICCC050

Tgt Ion: 91 Resp: 602953

Ion Ratio Lower Upper

91 100

106 30.9 24.7 37.1



#68

m/p-Xylenes

Concen: 96.87 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060264.D

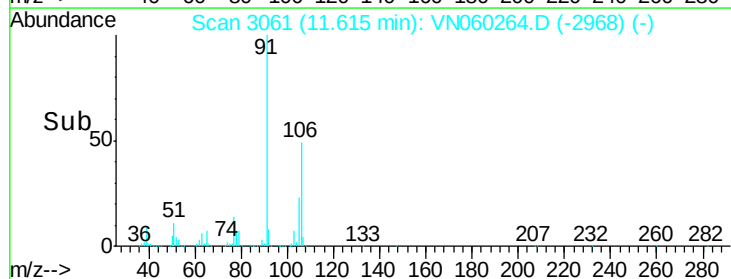
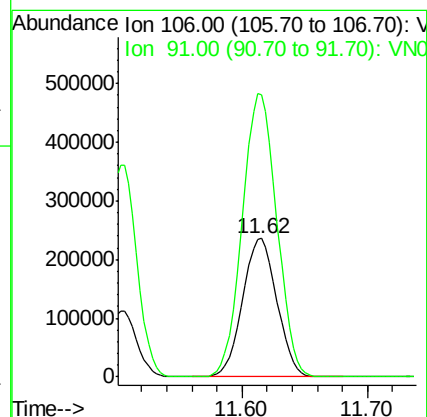
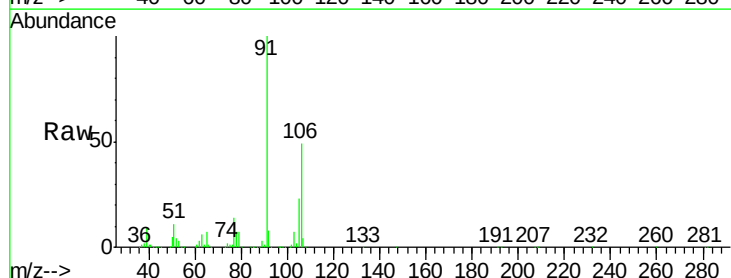
Acq: 27 Feb 2020 11:29

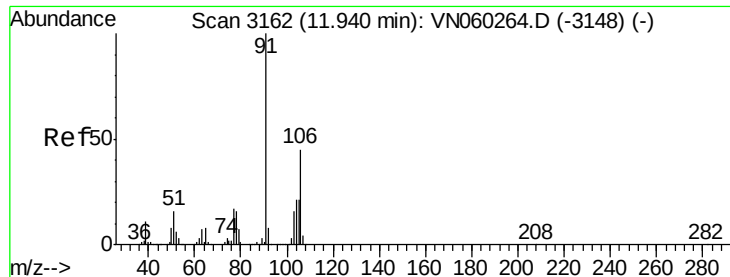
Tgt Ion: 106 Resp: 448113

Ion Ratio Lower Upper

106 100

91 205.6 164.5 246.7

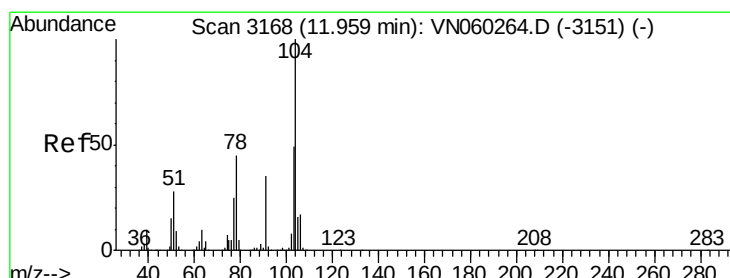
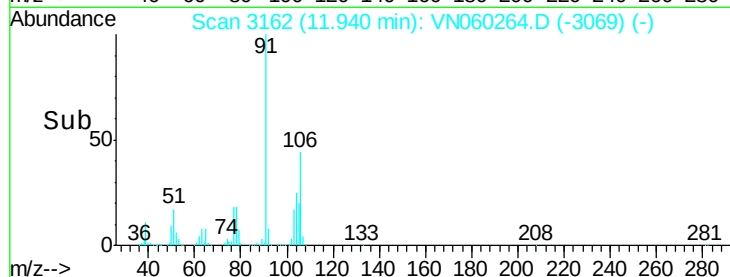
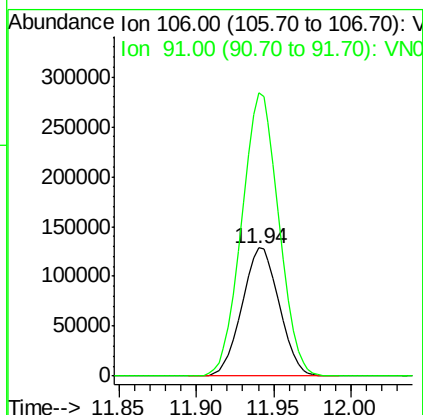
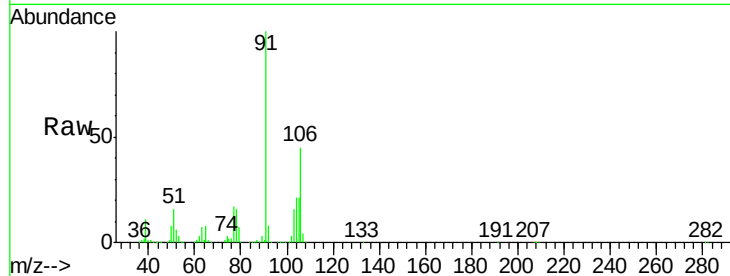




#69
o-Xylene
Concen: 48.51 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

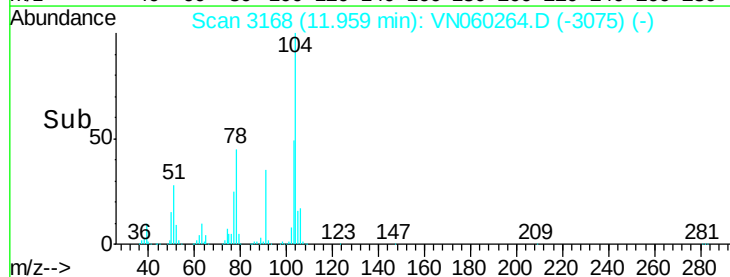
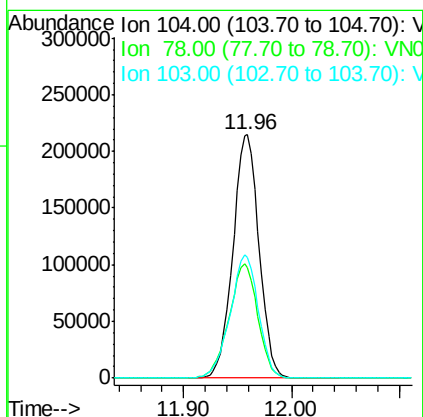
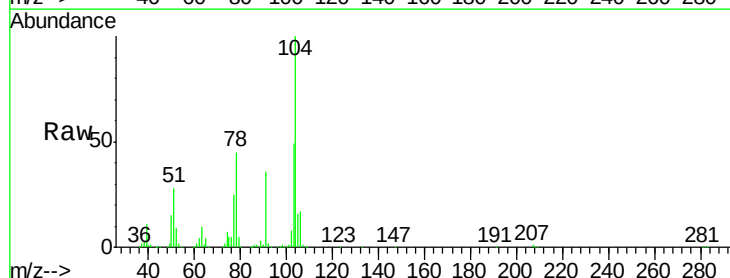
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

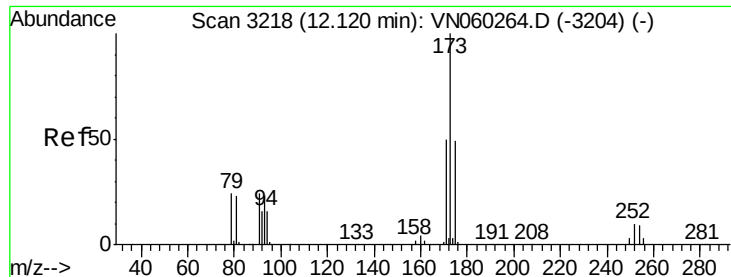
Tgt Ion:106 Resp: 216023
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4



#70
Styrene
Concen: 50.45 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion:104 Resp: 362826
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 54.9 43.9 65.9





#71

Bromoform

Concen: 46.07 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

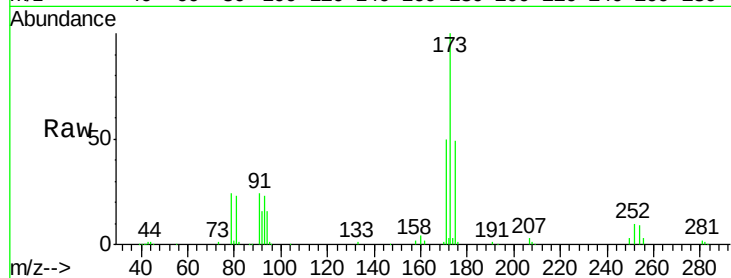
Tgt Ion:173 Resp: 94273

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

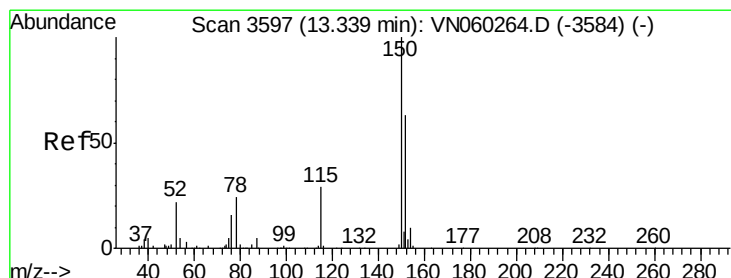
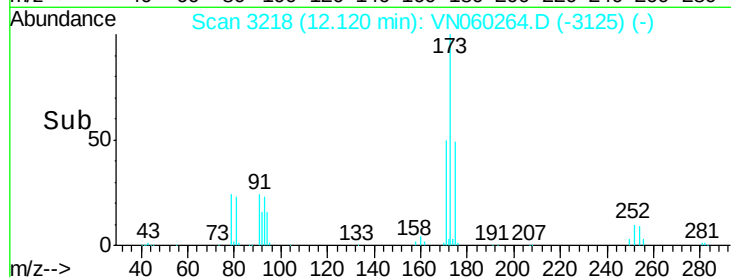
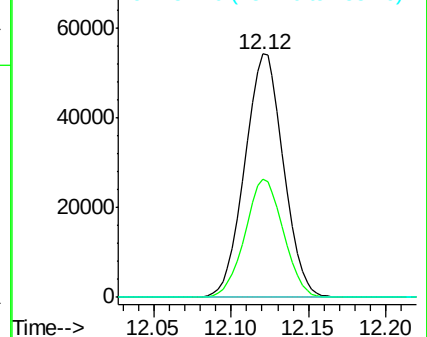
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

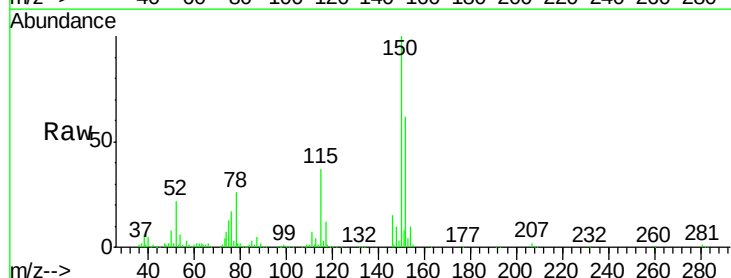
Tgt Ion:152 Resp: 166172

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

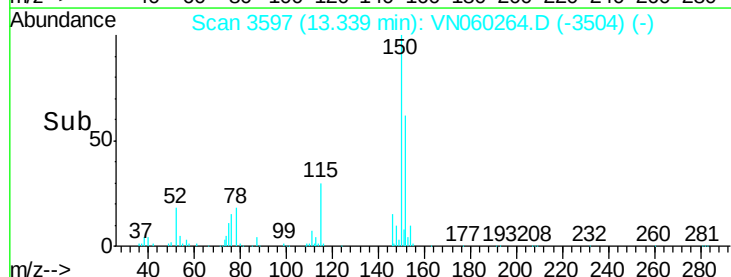
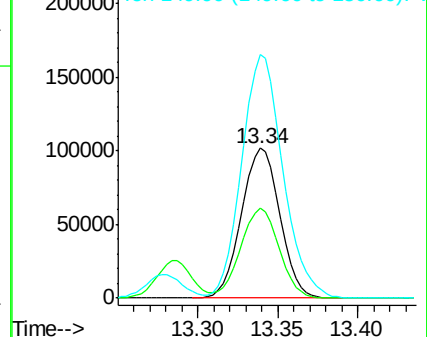
150 174.8 0.0 349.6

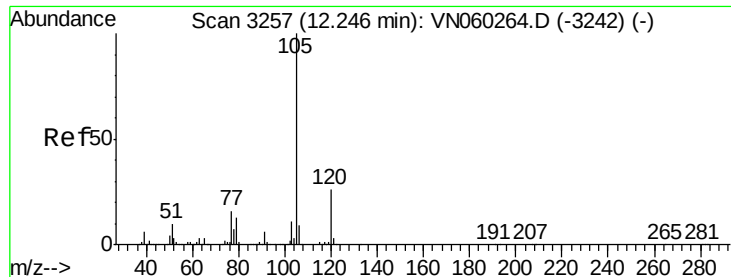


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.68 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

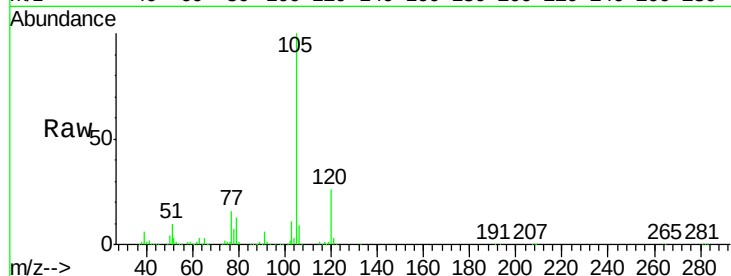
VSTDICCC050

Tgt Ion: 105 Resp: 592580

Ion Ratio Lower Upper

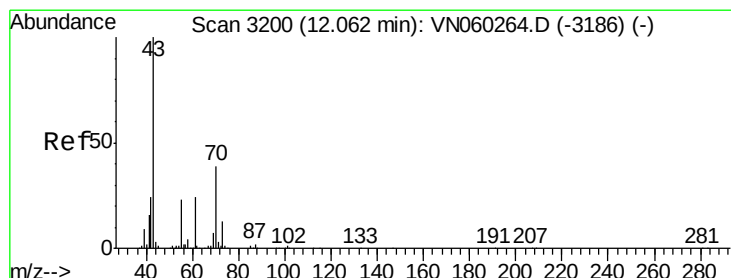
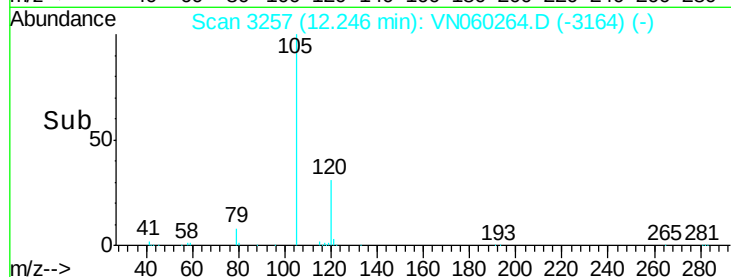
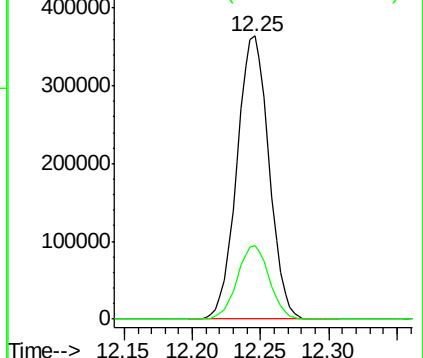
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.62 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Tgt Ion: 43 Resp: 259096

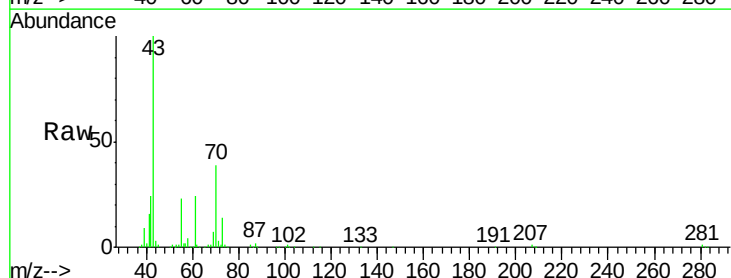
Ion Ratio Lower Upper

43 100

70 40.2 32.2 48.2

55 22.8 18.2 27.4

61 24.0 19.2 28.8

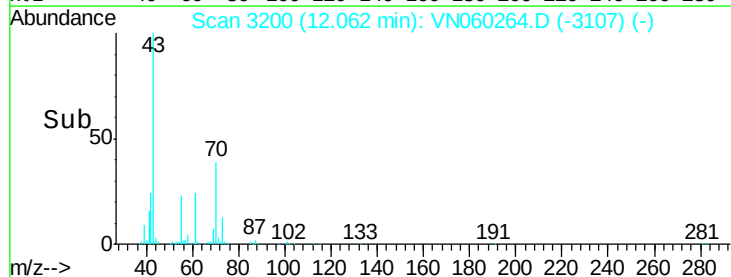
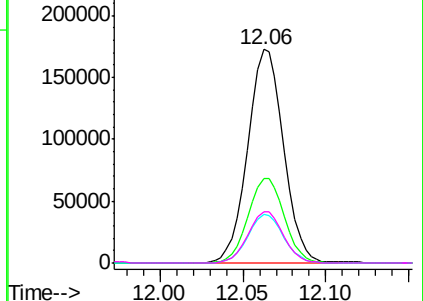


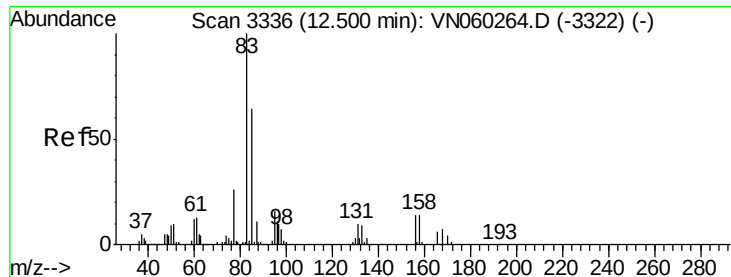
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.29 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

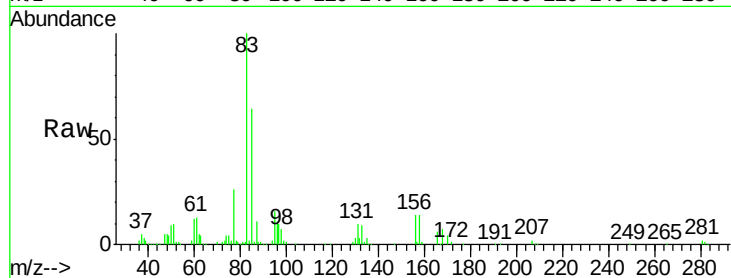
Tgt Ion: 83 Resp: 163659

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

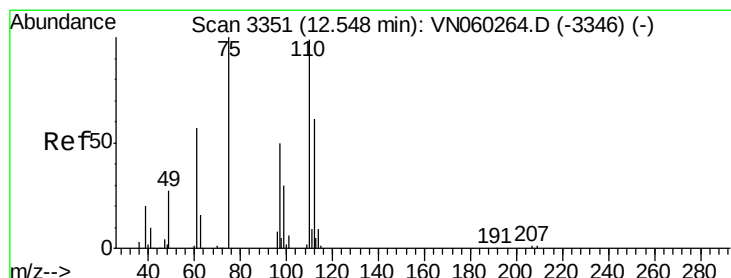
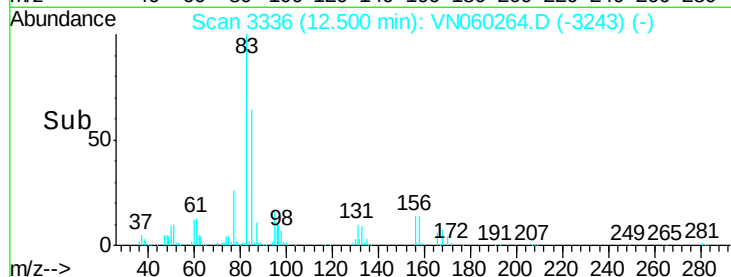
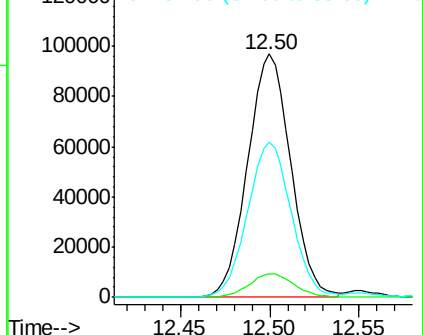
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 75.37 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060264.D

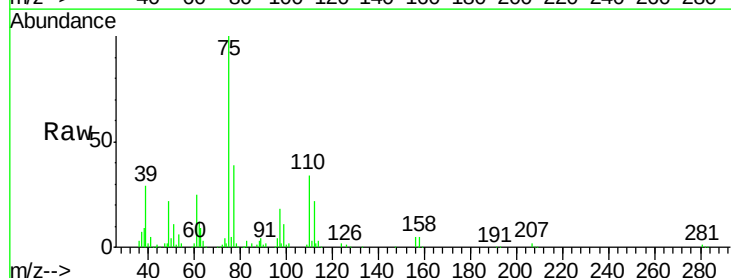
Acq: 27 Feb 2020 11:29

Tgt Ion: 75 Resp: 241076

Ion Ratio Lower Upper

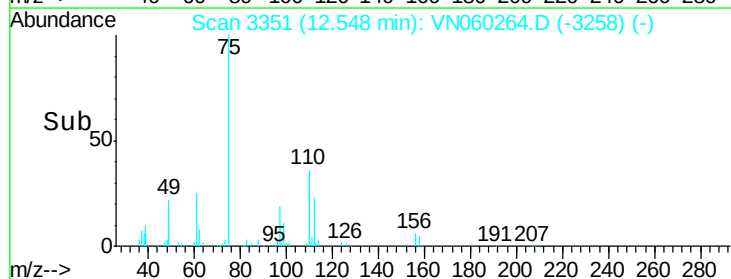
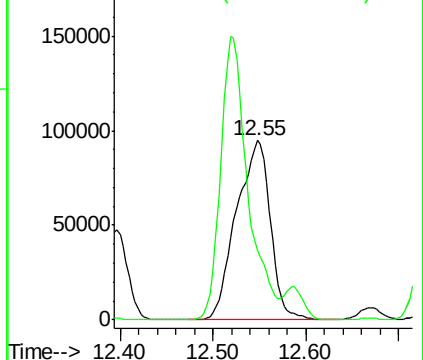
75 100

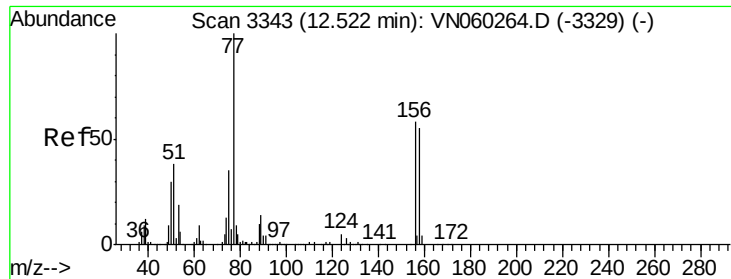
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.76 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

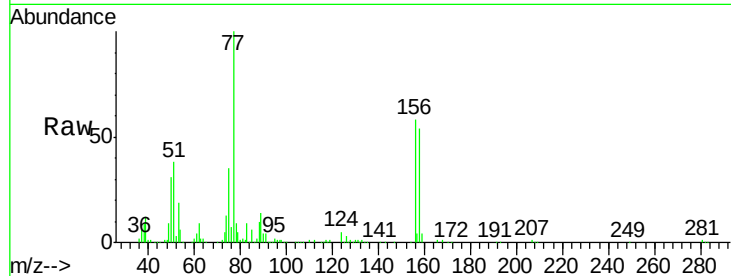
Tgt Ion:156 Resp: 143488

Ion Ratio Lower Upper

156 100

77 212.2 106.1 318.3

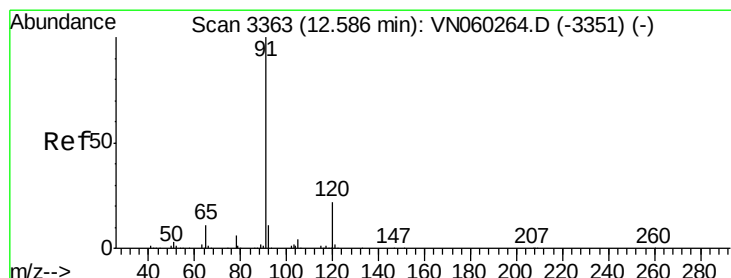
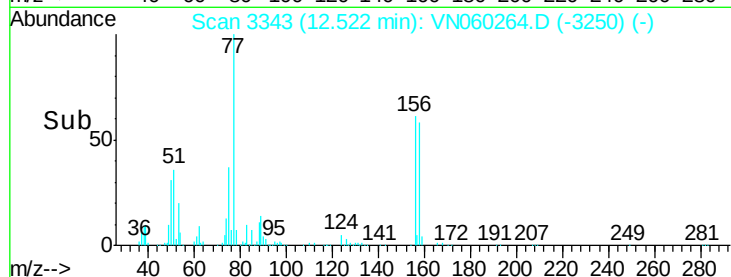
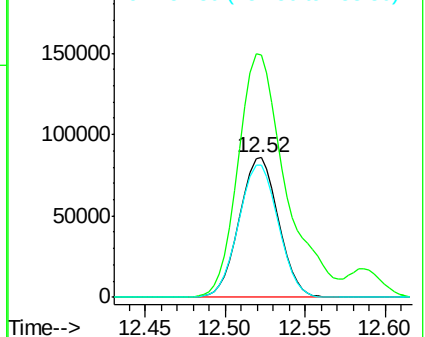
158 96.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.66 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060264.D

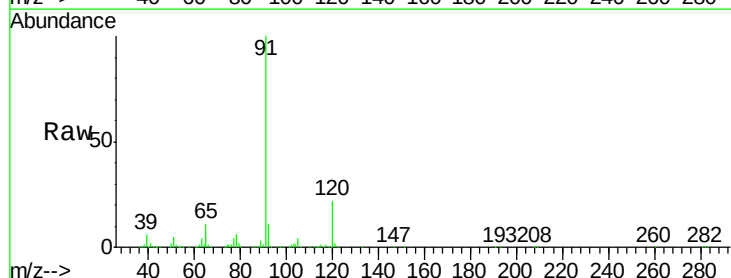
Acq: 27 Feb 2020 11:29

Tgt Ion: 91 Resp: 691517

Ion Ratio Lower Upper

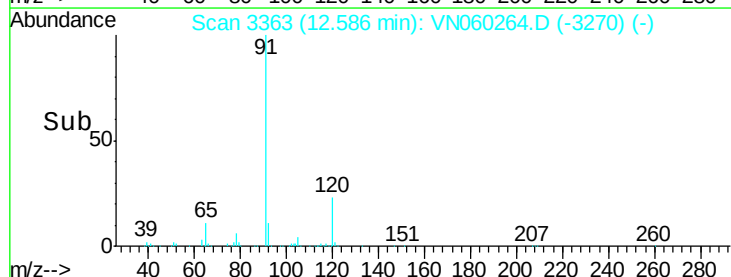
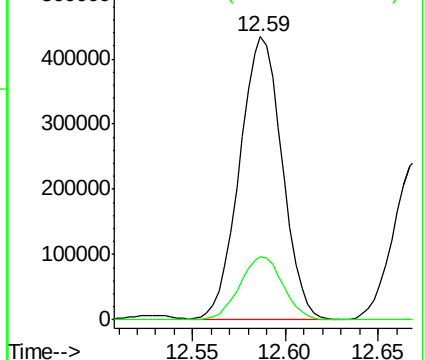
91 100

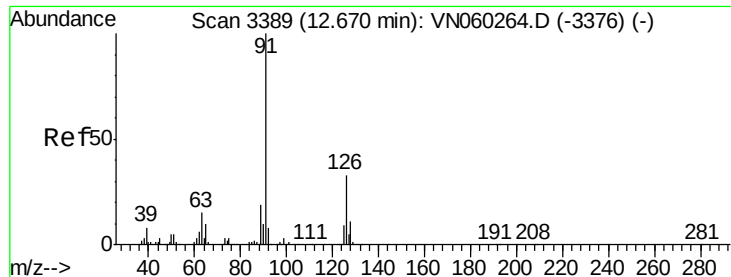
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

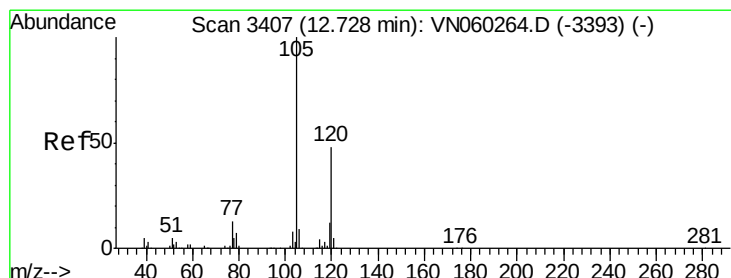
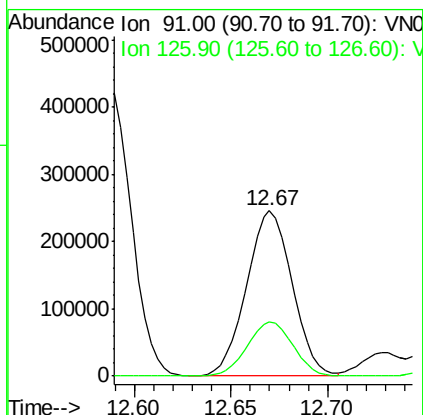
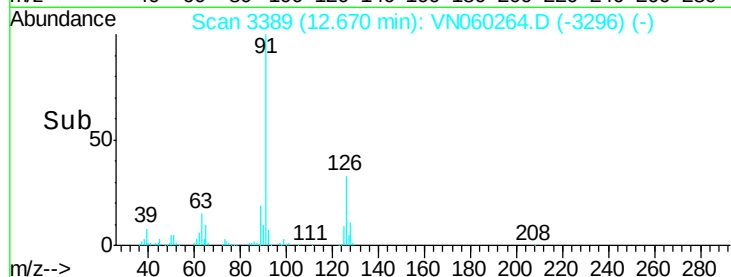
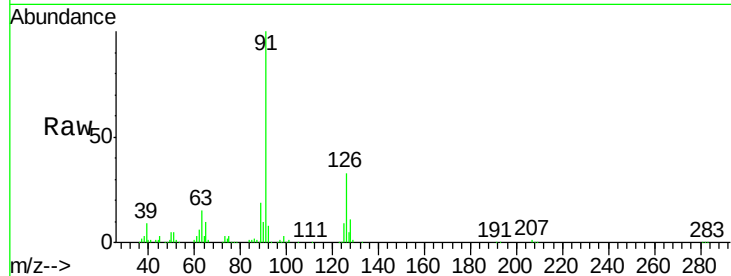




#79
 2-Chlorotoluene
 Concen: 48.11 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

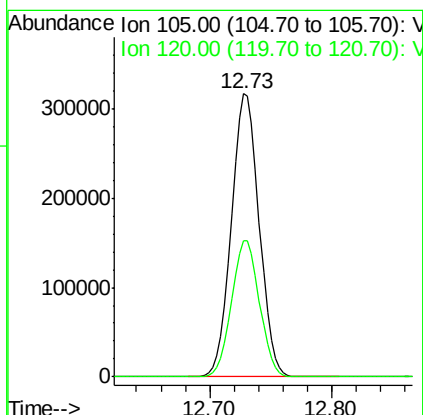
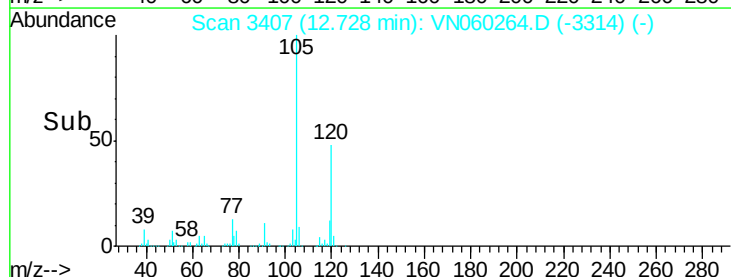
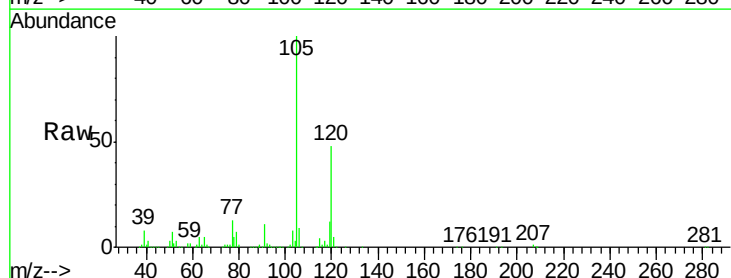
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

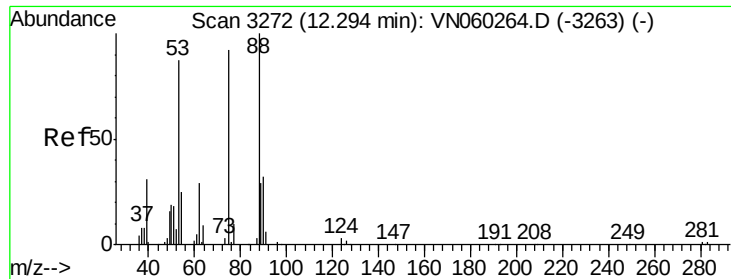
Tgt Ion: 91 Resp: 401888
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 48.46 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion: 105 Resp: 501459
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.93 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

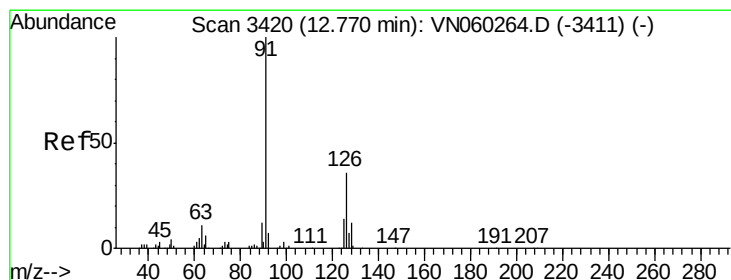
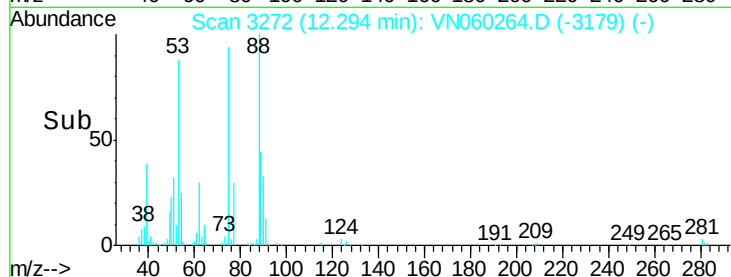
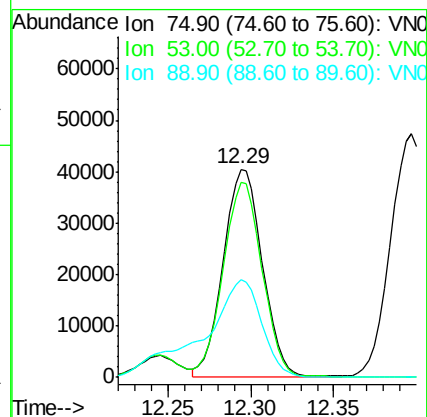
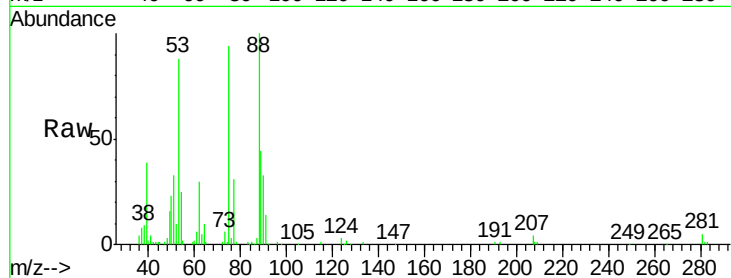
Tgt Ion: 75 Resp: 66521

Ion Ratio Lower Upper

75 100

53 92.2 73.8 110.6

89 71.4 57.1 85.7



#82

4-Chlorotoluene

Concen: 48.79 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060264.D

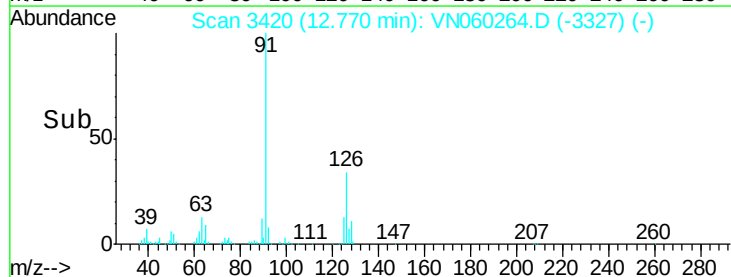
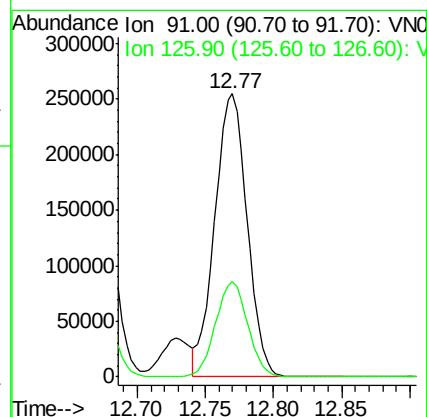
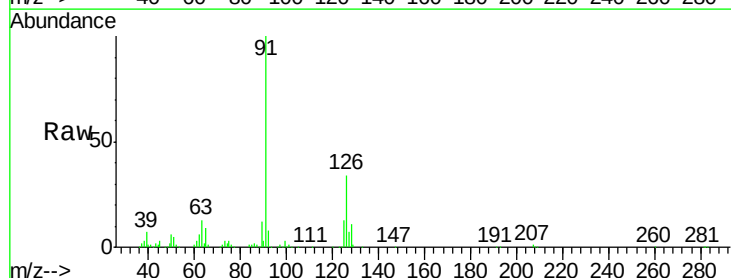
Acq: 27 Feb 2020 11:29

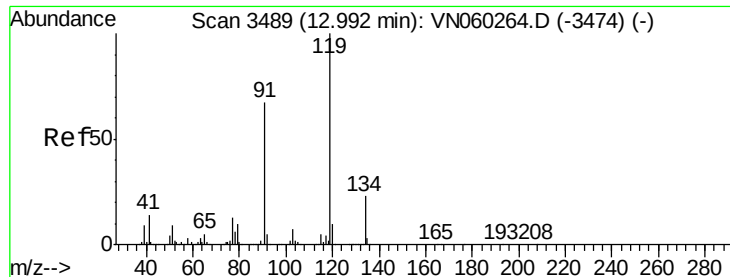
Tgt Ion: 91 Resp: 418163

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1

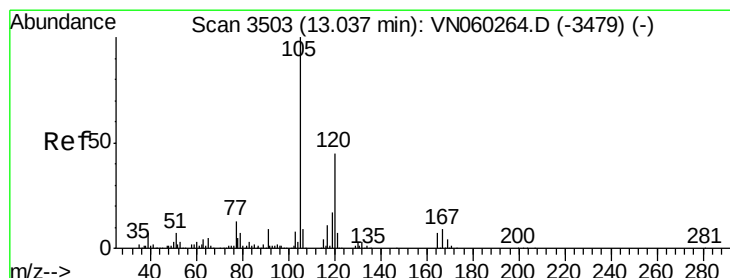
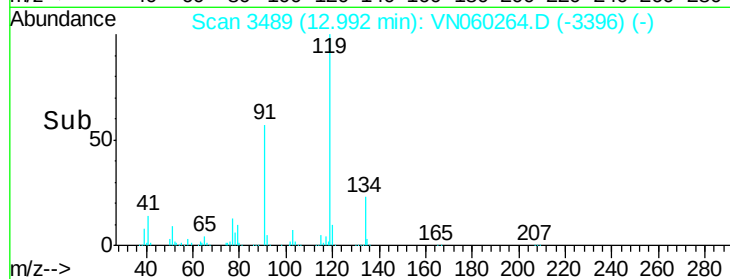
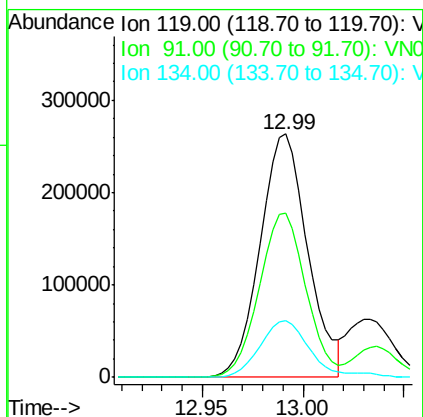
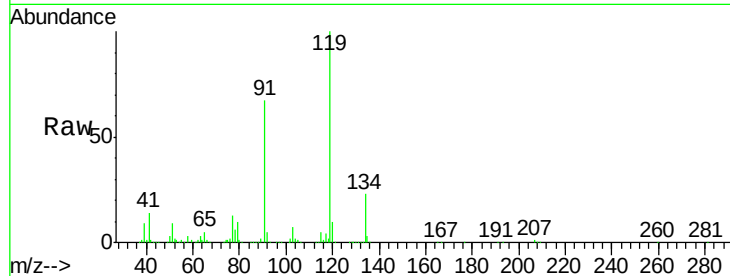




#83
 tert-Butylbenzene
 Concen: 47.29 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

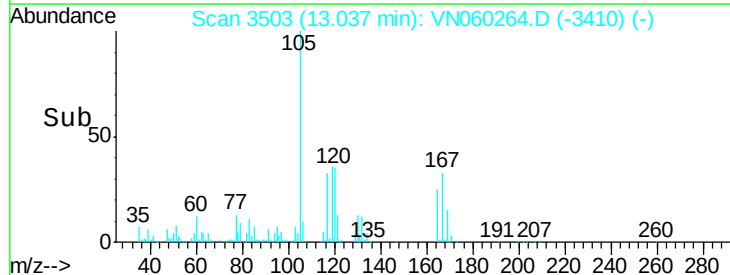
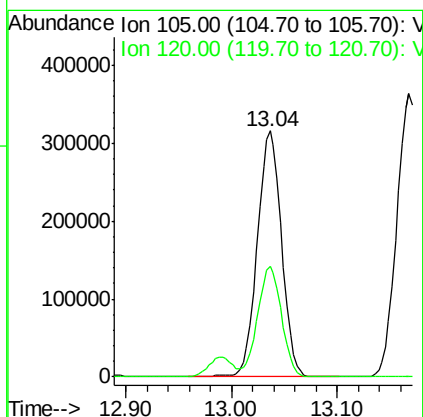
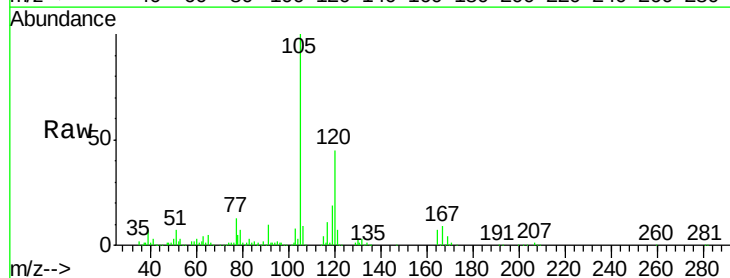
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

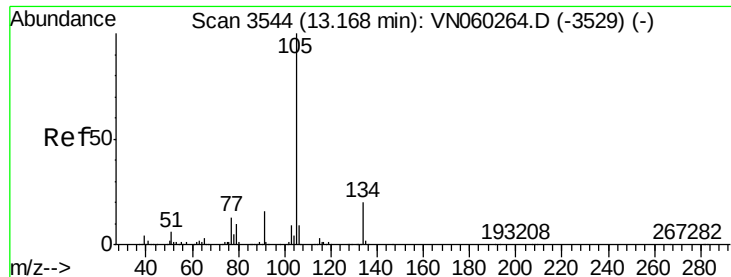
Tgt Ion:119 Resp: 433299
 Ion Ratio Lower Upper
 119 100
 91 66.1 33.1 99.2
 134 24.7 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.51 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion:105 Resp: 505679
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.00 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

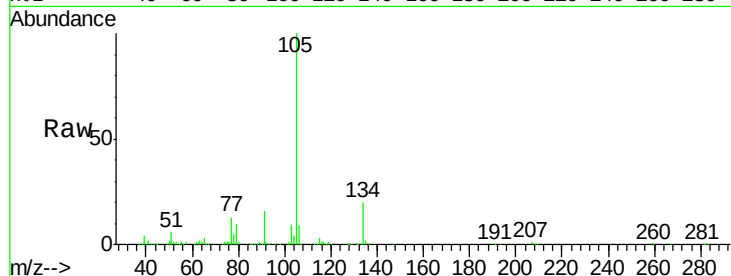
VSTDICCC050

Tgt Ion:105 Resp: 581031

Ion Ratio Lower Upper

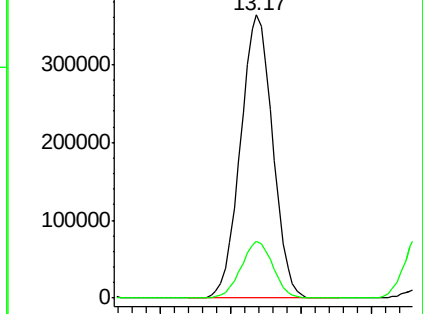
105 100

134 19.7 9.8 29.5

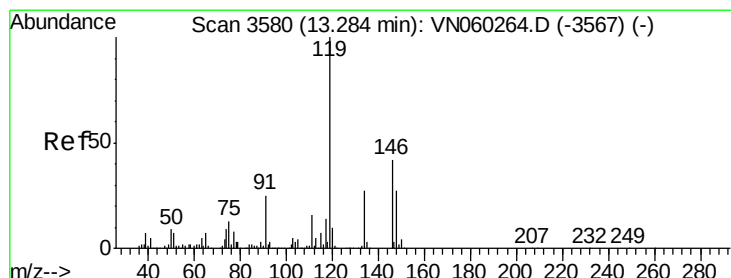
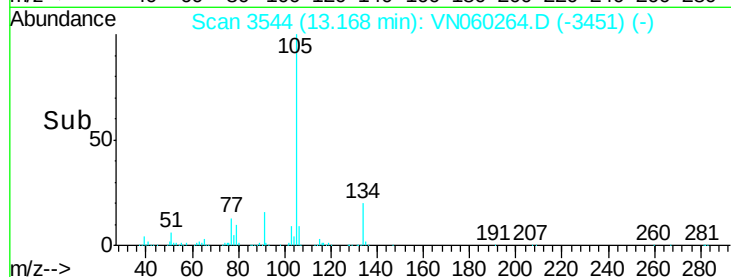


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 48.03 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

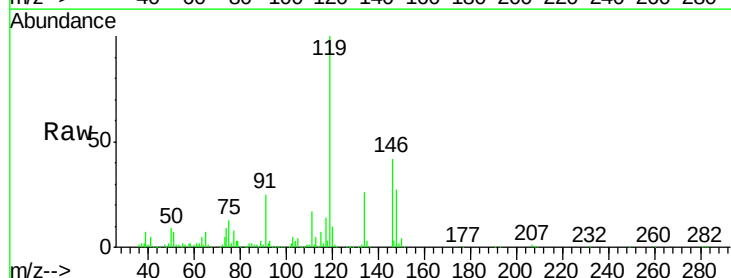
Tgt Ion:119 Resp: 527016

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

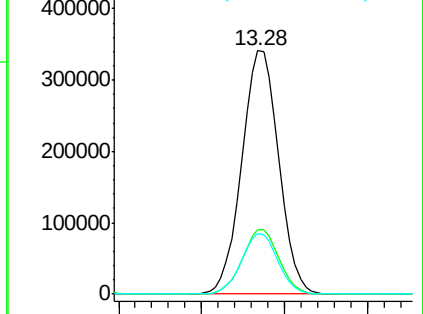
91 24.4 12.2 36.6



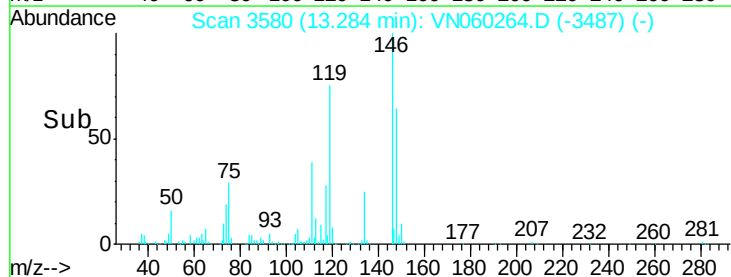
Abundance Ion 119.00 (118.70 to 119.70): V

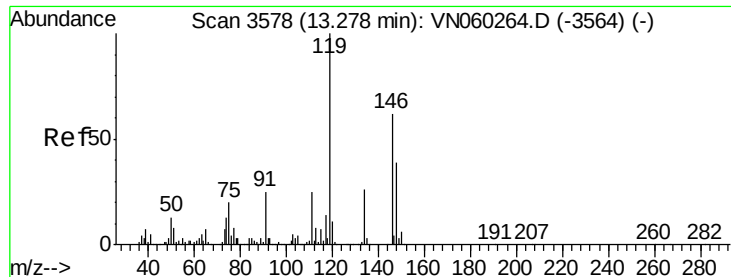
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

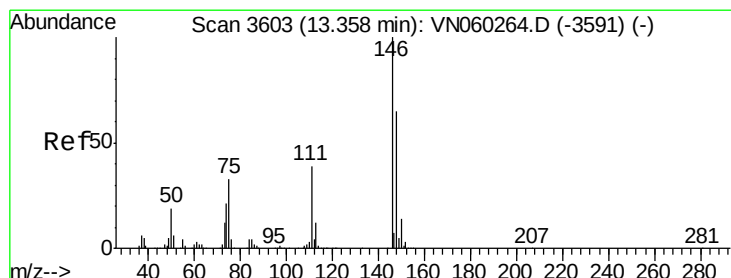
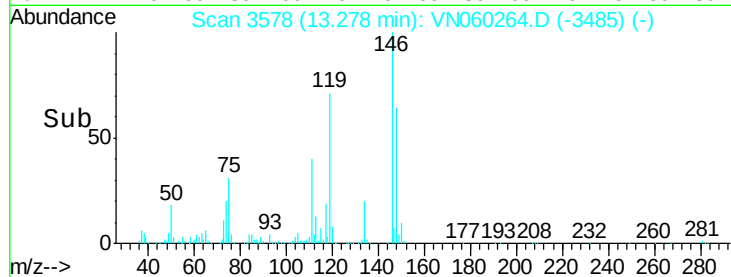
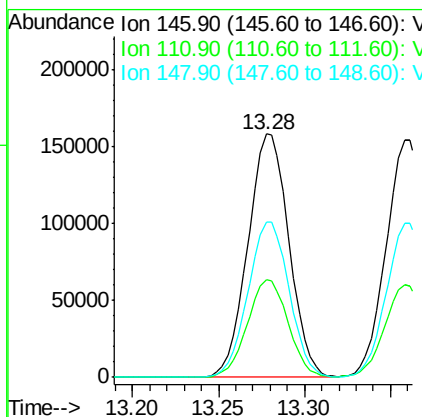
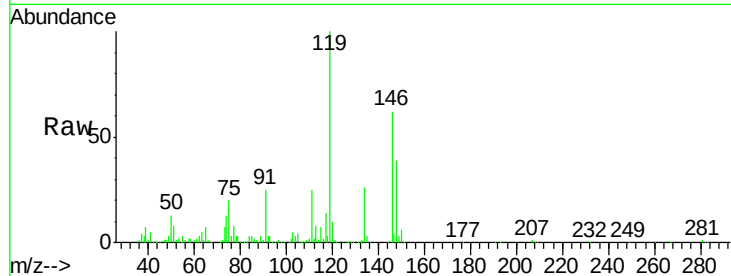




#87
 1,3-Dichlorobenzene
 Concen: 48.11 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

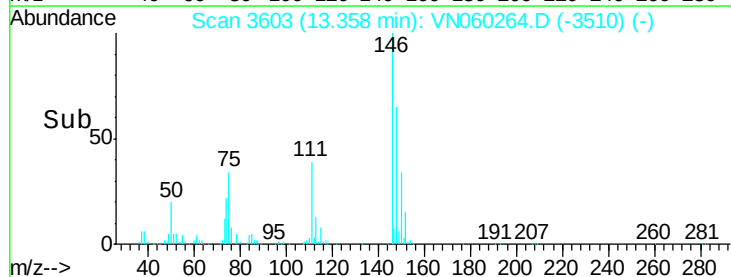
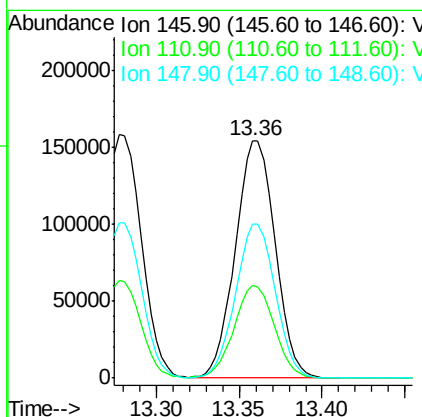
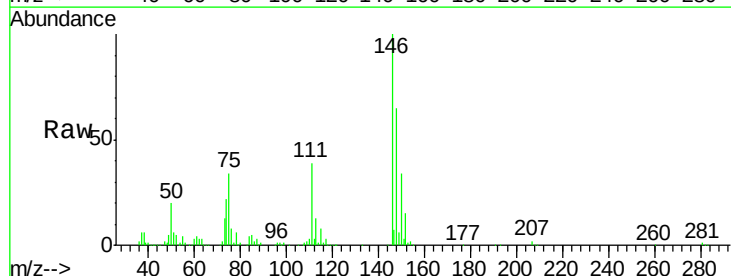
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

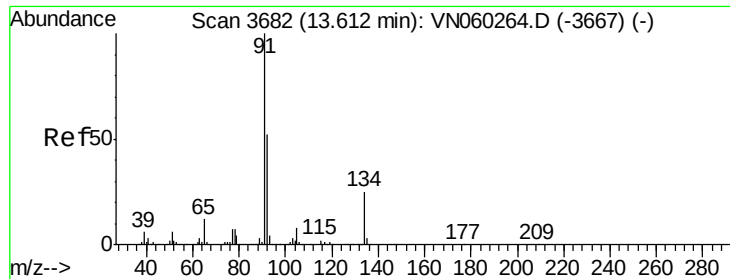
Tgt Ion:146 Resp: 262041
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.49 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion:146 Resp: 258474
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 64.6 32.3 96.9

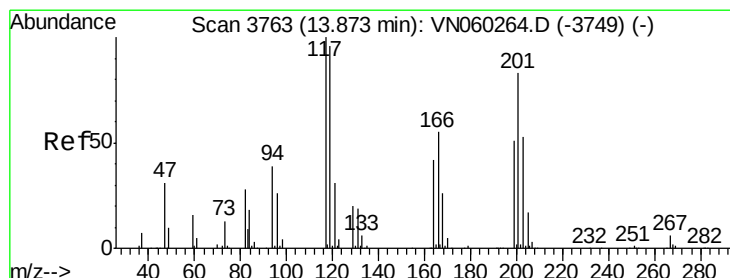
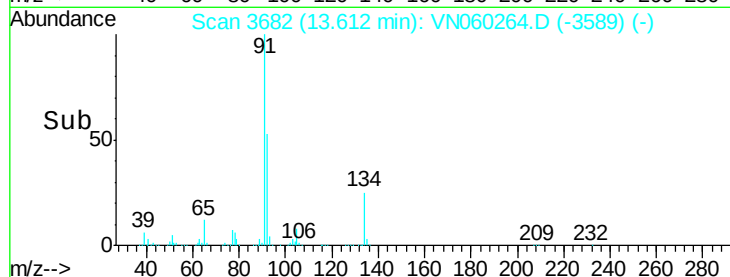
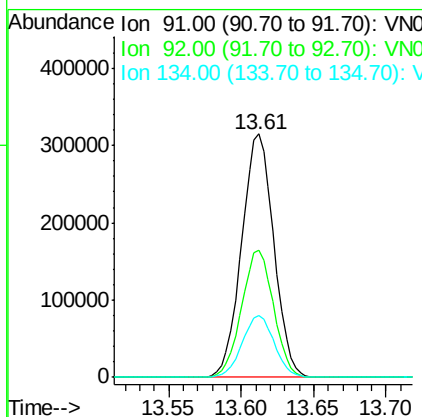
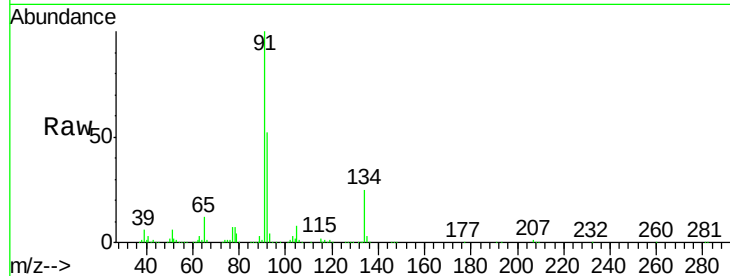




#89
n-Butylbenzene
Concen: 50.15 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

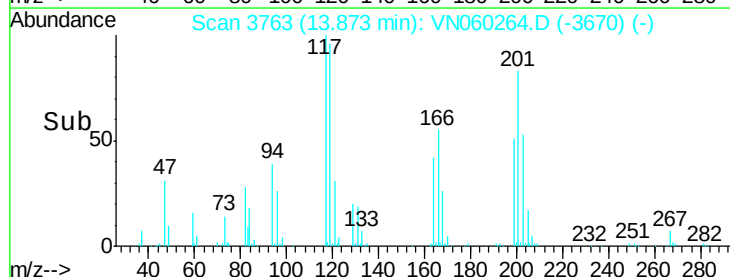
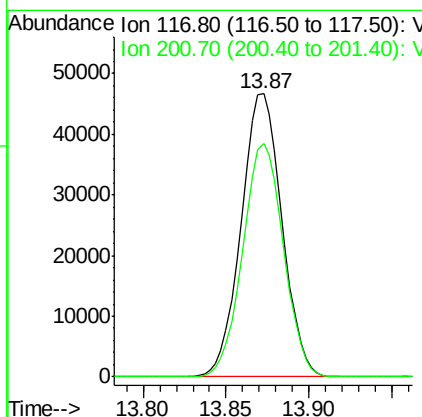
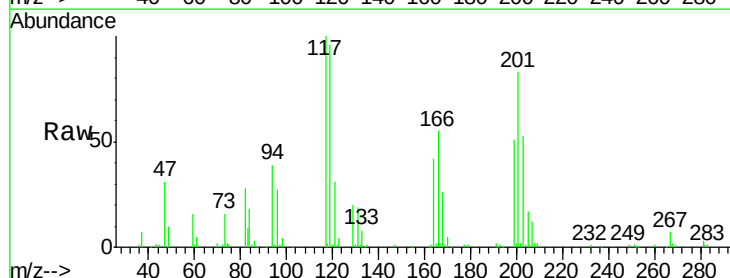
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

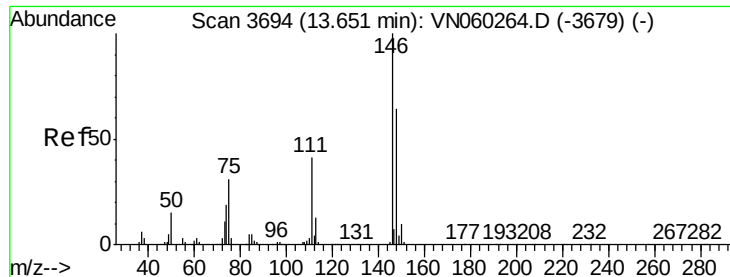
Tgt Ion: 91 Resp: 486163
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 40.26 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060264.D
Acq: 27 Feb 2020 11:29

Tgt Ion: 117 Resp: 79935
Ion Ratio Lower Upper
117 100
201 82.0 41.0 123.0

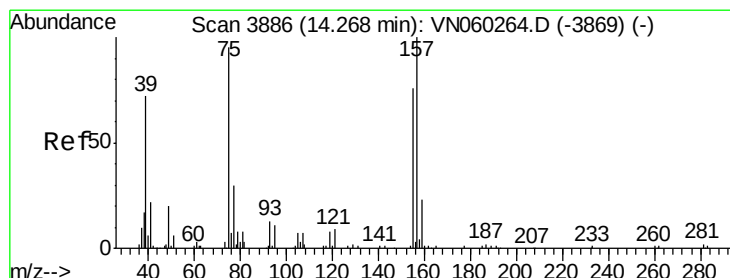
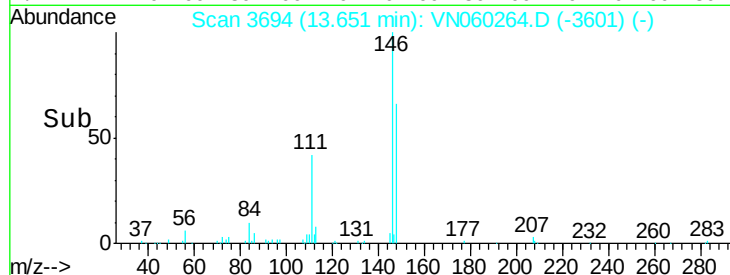
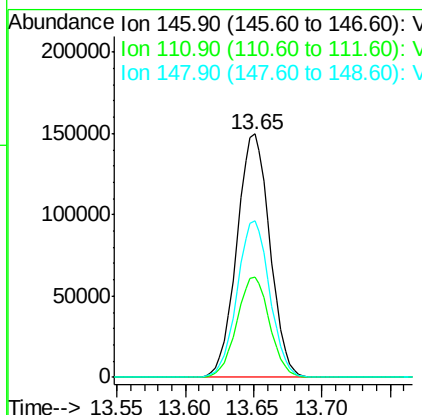
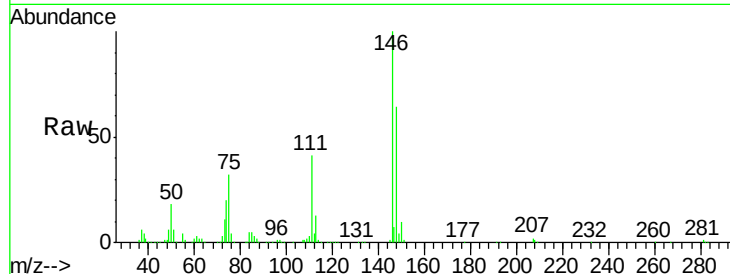




#91
 1,2-Dichlorobenzene
 Concen: 47.28 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

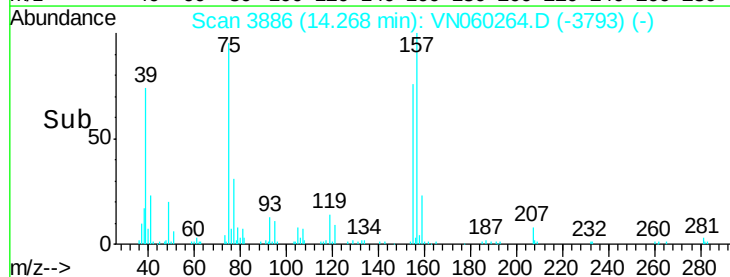
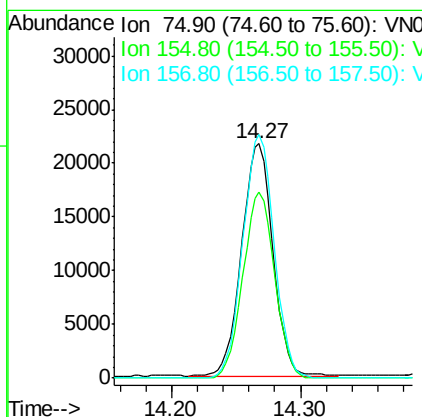
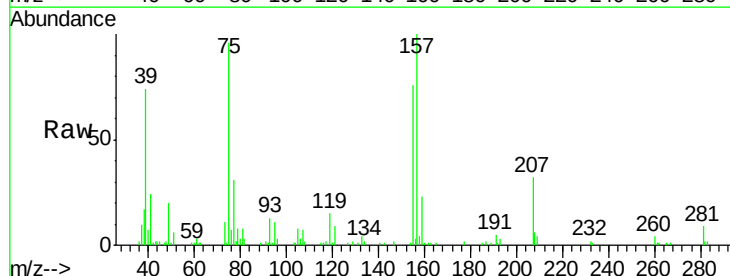
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

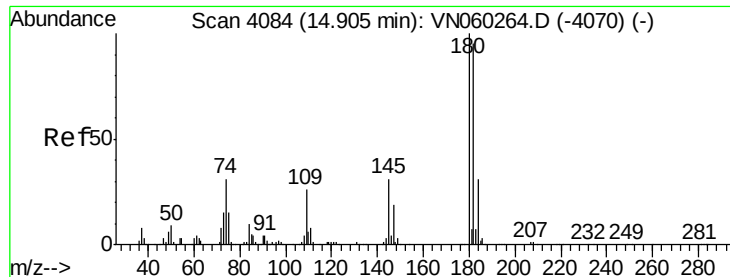
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.32 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	40.4	121.2
157	105.0	52.5	157.5

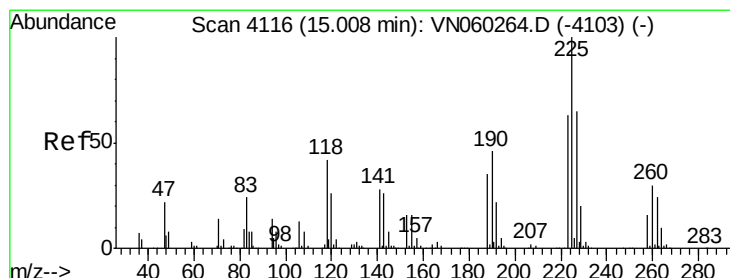
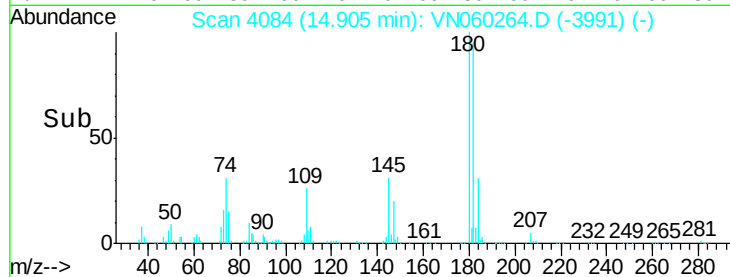
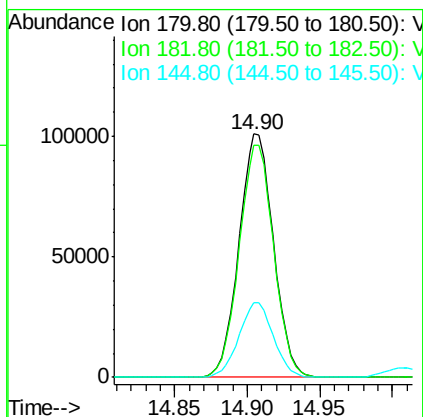
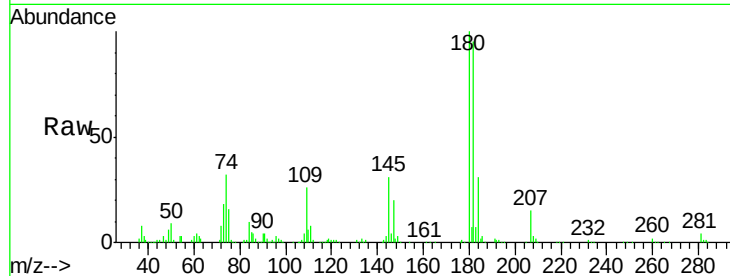




#93
 1,2,4-Trichlorobenzene
 Concen: 52.83 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

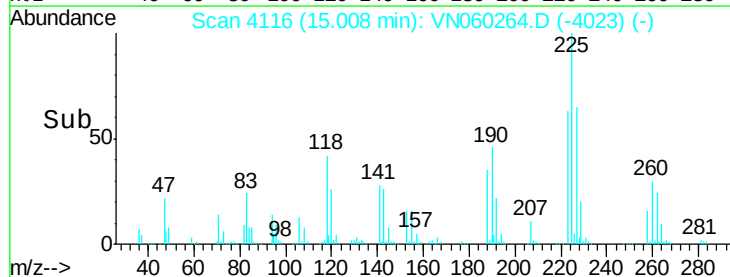
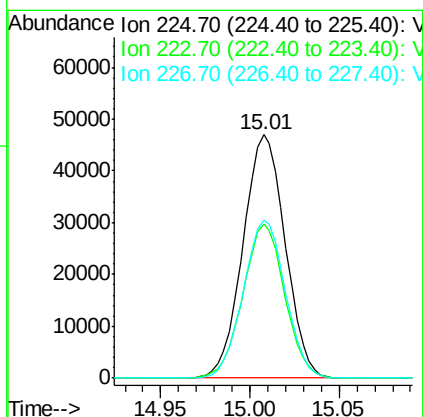
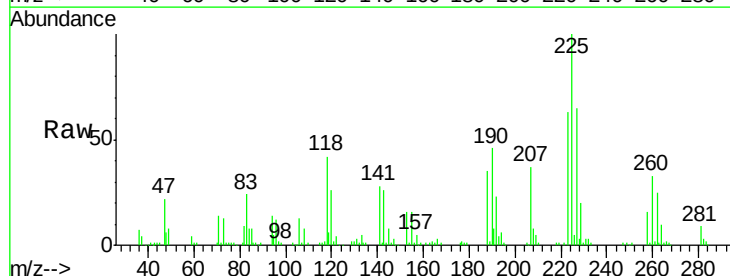
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

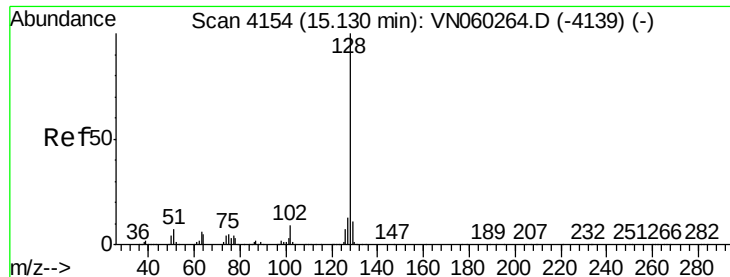
Tgt Ion:180 Resp: 166755
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 30.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 42.84 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060264.D
 Acq: 27 Feb 2020 11:29

Tgt Ion:225 Resp: 77495
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.6 32.3 96.9





#95

Naphthalene

Concen: 57.52 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

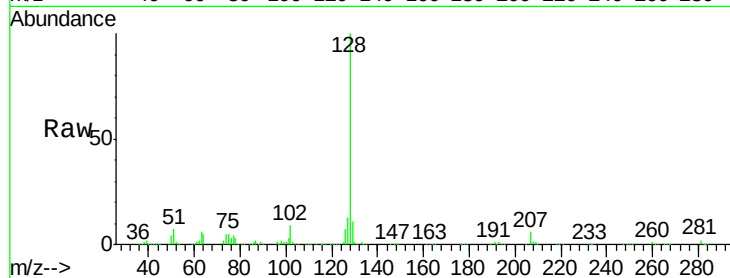
Tgt Ion:128 Resp: 497188

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

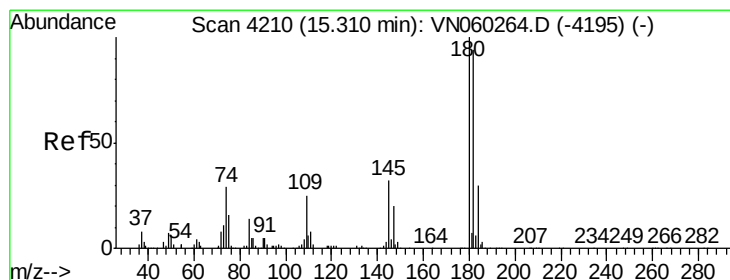
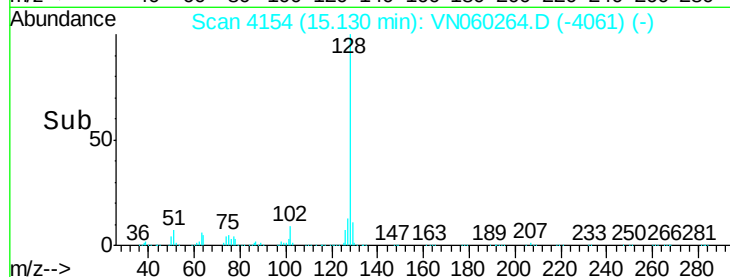
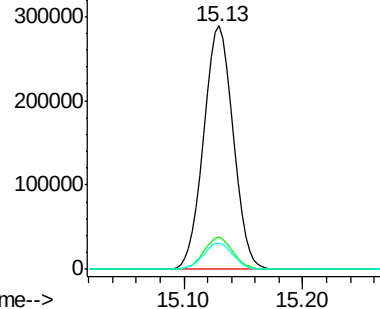
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.50 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060264.D

Acq: 27 Feb 2020 11:29

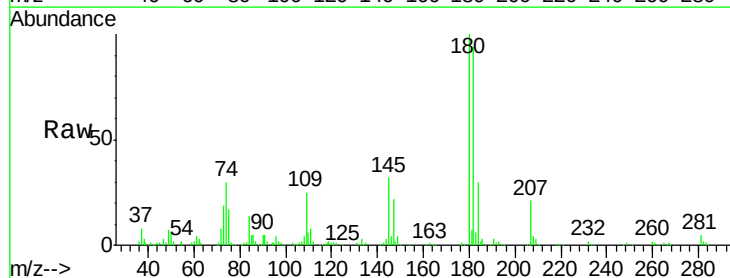
Tgt Ion:180 Resp: 158065

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 32.3 16.2 48.5



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

