

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060269.D
 Acq On : 27 Feb 2020 14:12
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN022720

Quant Time: Feb 27 16:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	224559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	355408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	329926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135667	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.56	113	89340	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.08	98	406143	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	153219	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	104693	50.85	ug/l	99
3) Chloromethane	2.04	50	166854	46.55	ug/l	99
4) Vinyl Chloride	2.16	62	147574	48.00	ug/l	100
5) Bromomethane	2.54	94	65039	52.69	ug/l	98
6) Chloroethane	2.68	64	82436	49.49	ug/l	97
7) Trichlorofluoromethane	3.00	101	195904	49.88	ug/l	100
8) Diethyl Ether	3.38	74	74300	50.10	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	113467	51.05	ug/l	98
10) Methyl Iodide	3.92	142	118980	58.65	ug/l	99
11) Tert butyl alcohol	4.73	59	109125	255.08	ug/l	100
12) 1,1-Dichloroethene	3.71	96	111698	51.78	ug/l	99
13) Acrolein	3.57	56	102128	255.89	ug/l	98
14) Allyl chloride	4.29	41	185618	46.66	ug/l	90
15) Acrylonitrile	4.94	53	294442	261.12	ug/l	99
16) Acetone	3.78	43	209975	225.68	ug/l	100
17) Carbon Disulfide	4.03	76	299240	52.30	ug/l	100
18) Methyl Acetate	4.28	43	149065	48.01	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	396039	50.56	ug/l	98
20) Methylene Chloride	4.52	84	126727	49.60	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	118411	51.09	ug/l	97
22) Diisopropyl ether	5.91	45	415268	51.54	ug/l	99
23) Vinyl Acetate	5.85	43	1683716	262.97	ug/l	100
24) 1,1-Dichloroethane	5.82	63	232915	51.07	ug/l	99
25) 2-Butanone	6.80	43	377567	251.24	ug/l	99
26) 2,2-Dichloropropane	6.79	77	214297	51.61	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	139197	46.98	ug/l	98
28) Bromochloromethane	7.17	49	79581	42.50	ug/l	100
29) Tetrahydrofuran	7.18	42	258549	247.41	ug/l	98
30) Chloroform	7.34	83	230104	50.68	ug/l	100
31) Cyclohexane	7.63	56	204123	52.51	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	206618	51.36	ug/l	98
36) 1,1-Dichloropropene	7.77	75	172301	50.87	ug/l	99
37) Ethyl Acetate	6.89	43	167433	52.20	ug/l	99
38) Carbon Tetrachloride	7.75	117	174671	52.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	208259	52.15	ug/l	99
40) Benzene	8.02	78	510578	51.79	ug/l	100
41) Methacrylonitrile	7.17	41	240191	162.19	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	185156	52.05	ug/l	100
43) Isopropyl Acetate	8.14	43	296224	52.76	ug/l	99
44) Trichloroethene	8.82	130	140411	51.14	ug/l	100
45) 1,2-Dichloropropane	9.10	63	136938	53.13	ug/l	99
46) Dibromomethane	9.19	93	87593	52.37	ug/l	100
47) Bromodichloromethane	9.38	83	182355	53.61	ug/l	98
48) Methyl methacrylate	9.18	41	132490	51.74	ug/l	98
49) 1,4-Dioxane	9.18	88	38320	1064.24	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	850117	267.04	ug/l	100
52) Toluene	10.14	92	325141	52.50	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	215112	51.61	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	227077	52.58	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	127428	51.17	ug/l	99
56) Ethyl methacrylate	10.42	69	199032	55.63	ug/l	100
57) 1,3-Dichloropropane	10.70	76	213185	52.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	490328	262.03	ug/l	99
59) 2-Hexanone	10.74	43	619513	265.04	ug/l	98
60) Dibromochloromethane	10.89	129	139315	55.01	ug/l	98
61) 1,2-Dibromoethane	10.99	107	129424	53.31	ug/l	99
64) Tetrachloroethene	10.62	164	146125	56.43	ug/l	98
65) Chlorobenzene	11.43	112	343212	51.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	132064	53.61	ug/l	99
67) Ethyl Benzene	11.50	91	644620	53.13	ug/l	100
68) m/p-Xylenes	11.62	106	479364	104.73	ug/l	100
69) o-Xylene	11.94	106	232360	53.23	ug/l	99
70) Styrene	11.96	104	388777	54.17	ug/l	100
71) Bromoform	12.12	173	99106	55.83	ug/l #	99
73) Isopropylbenzene	12.25	105	631459	52.76	ug/l	99
74) N-amyl acetate	12.06	43	269140	51.46	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	168376	51.75	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	248570	70.16	ug/l #	100
77) Bromobenzene	12.52	156	152901	52.11	ug/l	98
78) n-propylbenzene	12.59	91	738759	52.66	ug/l	100
79) 2-Chlorotoluene	12.67	91	427343	51.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	537128	53.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	71520	55.72	ug/l #	62
82) 4-Chlorotoluene	12.77	91	448524	51.62	ug/l	100
83) tert-Butylbenzene	12.99	119	462635	53.02	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	536319	52.73	ug/l	99
85) sec-Butylbenzene	13.17	105	621032	53.15	ug/l	100
86) p-Isopropyltoluene	13.28	119	566834	52.42	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	278642	55.29	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	274699	54.83	ug/l	99
89) n-Butylbenzene	13.61	91	514611	51.84	ug/l	100
90) Hexachloroethane	13.87	117	87070	55.62	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	263324	51.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36170	49.09	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171020	52.35	ug/l	100
94) Hexachlorobutadiene	15.01	225	82869	55.25	ug/l	98
95) Naphthalene	15.13	128	494220	51.37	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161080	52.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

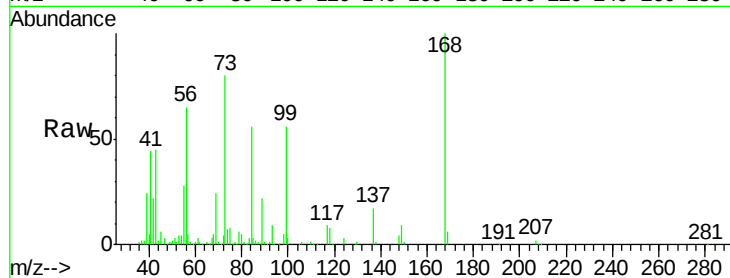
ICVVN022720

Tgt Ion:168 Resp: 224559

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

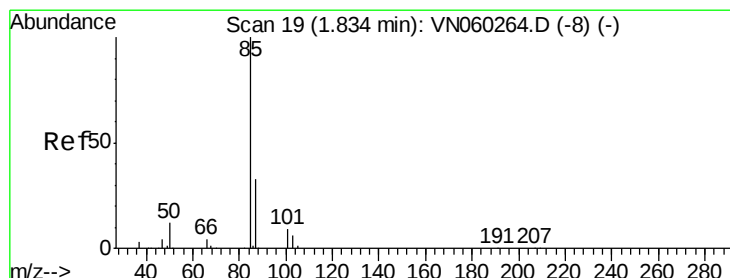
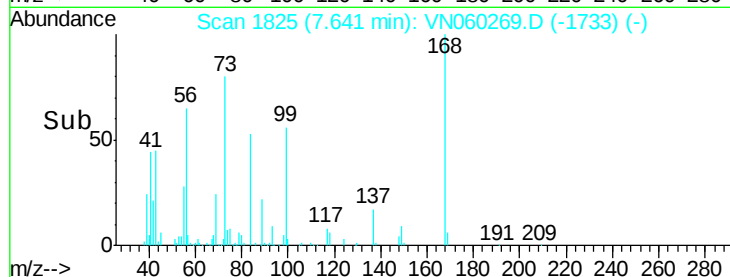
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.85 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060269.D

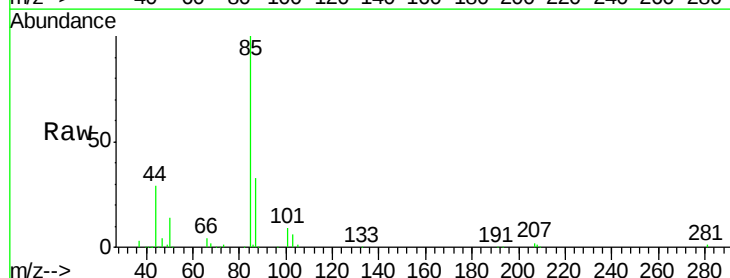
Acq: 27 Feb 2020 14:12

Tgt Ion: 85 Resp: 104693

Ion Ratio Lower Upper

85 100

87 32.9 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

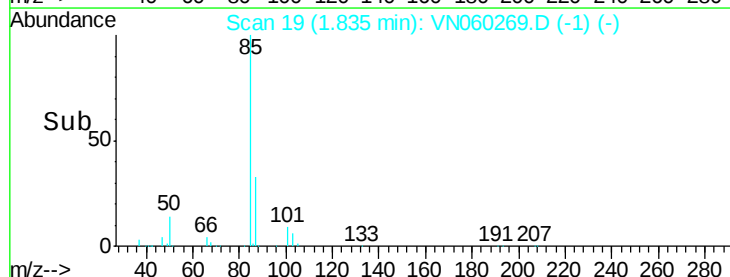
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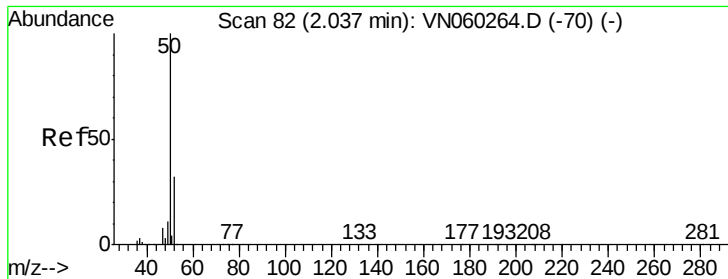
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.55 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

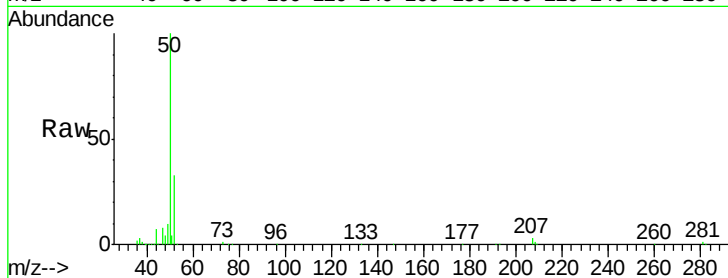
ICVVN022720

Tgt Ion: 50 Resp: 166854

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN060269.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN060269.D (-1) (-)

2.04

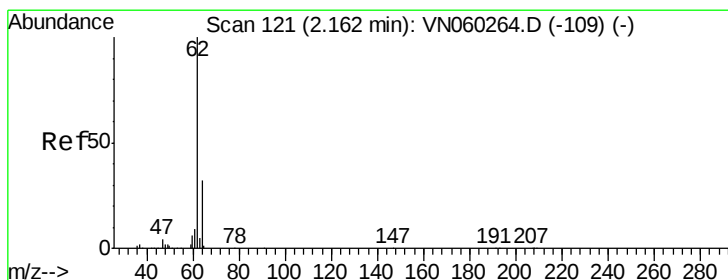
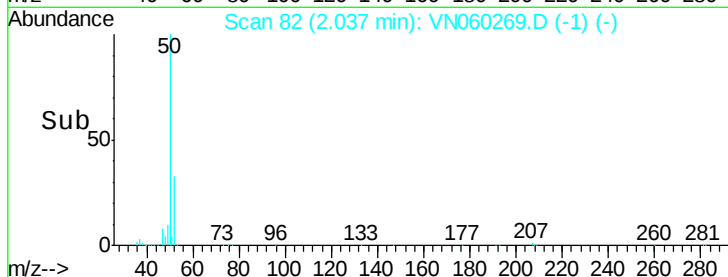
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.00 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060269.D

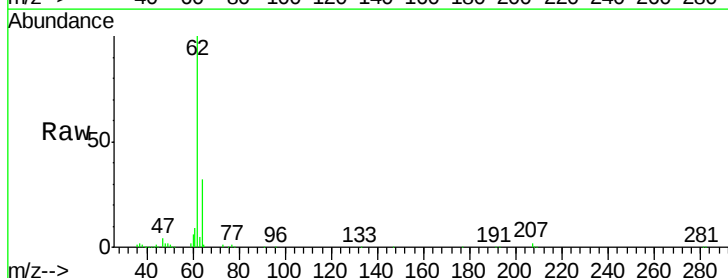
Acq: 27 Feb 2020 14:12

Tgt Ion: 62 Resp: 147574

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN060269.D (-28) (-)

Ion 63.90 (63.60 to 64.60): VN060269.D (-28) (-)

2.16

120000

100000

80000

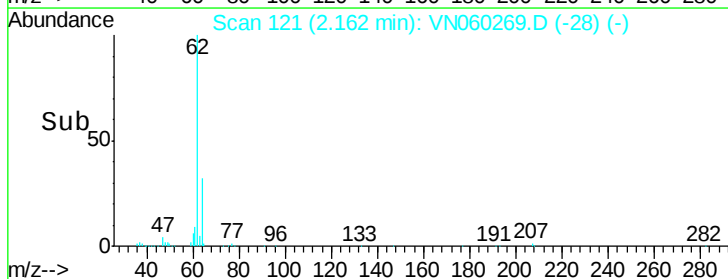
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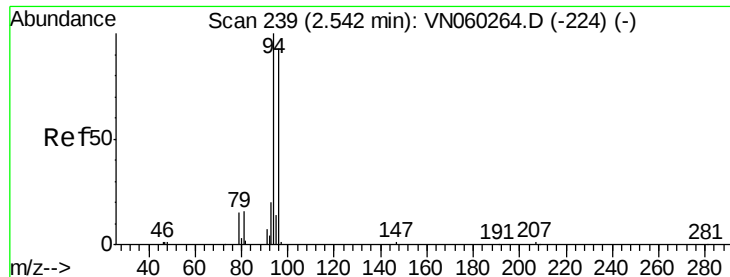
40000

20000

0

Time-->





#5

Bromomethane

Concen: 52.69 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

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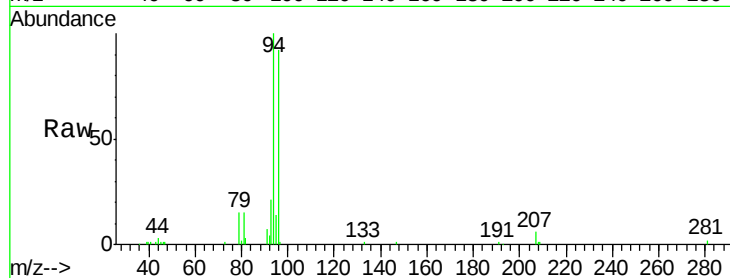
ICVVN022720

Tgt Ion: 94 Resp: 65039

Ion Ratio Lower Upper

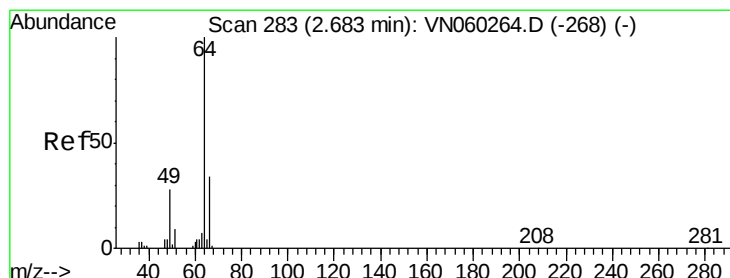
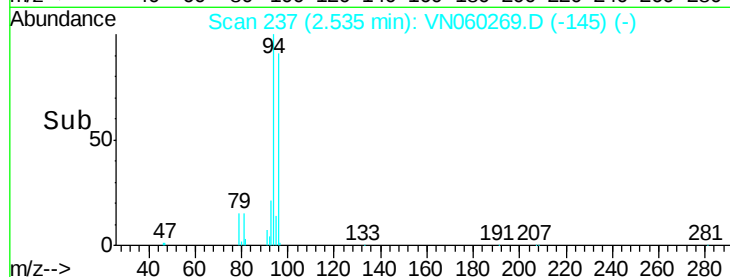
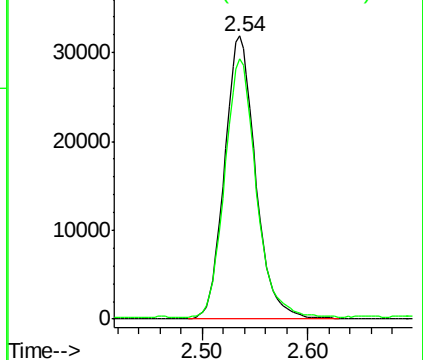
94 100

96 91.3 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.49 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060269.D

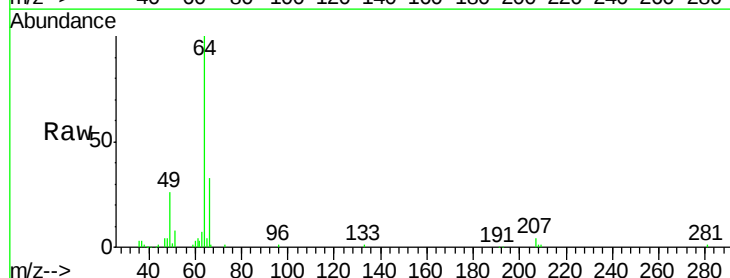
Acq: 27 Feb 2020 14:12

Tgt Ion: 64 Resp: 82436

Ion Ratio Lower Upper

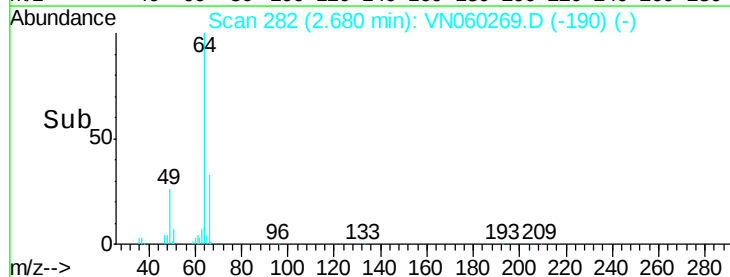
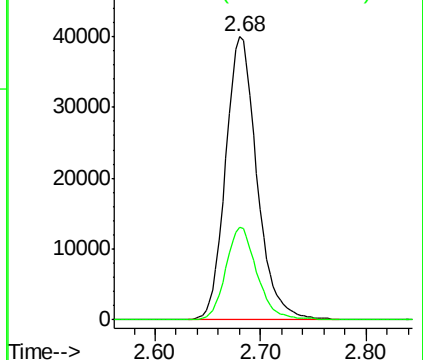
64 100

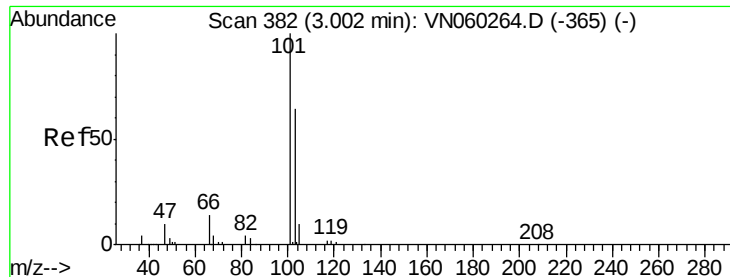
66 32.6 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



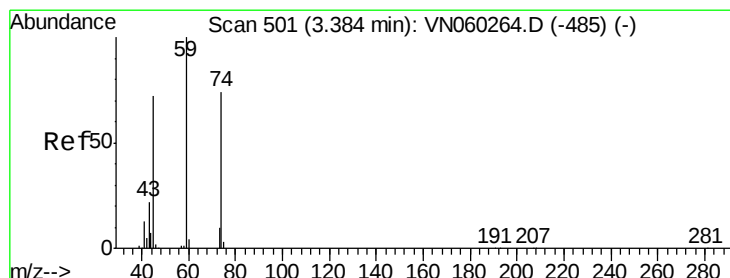
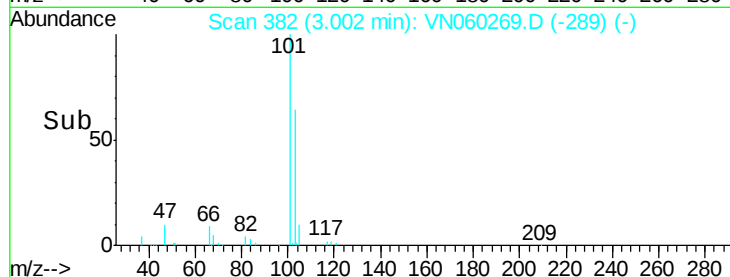
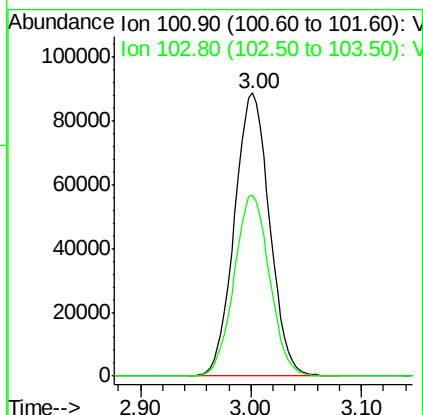
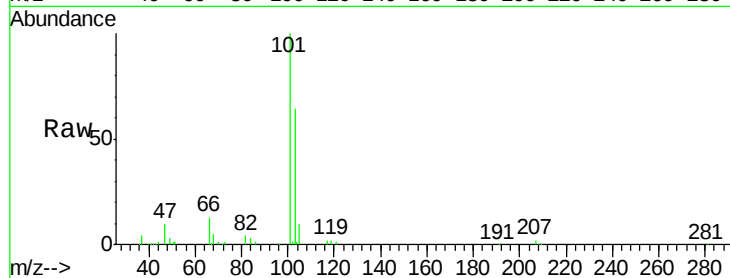


#7

Trichlorofluoromethane
 Concen: 49.88 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060269.D
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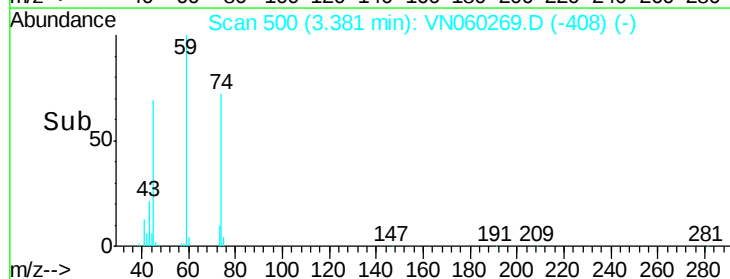
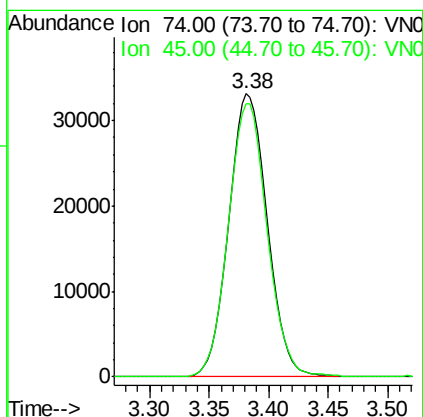
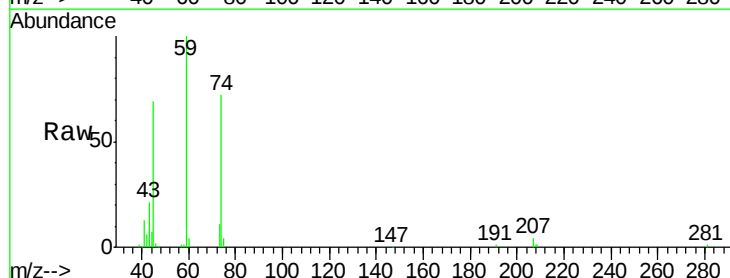
Tgt Ion: 101 Resp: 195904
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9



#8

Diethyl Ether
 Concen: 50.10 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 74 Resp: 74300
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.05 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

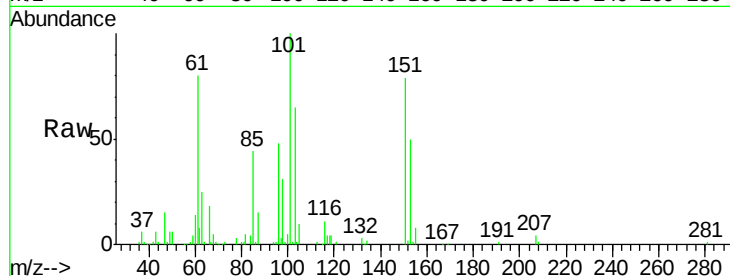
Tgt Ion:101 Resp: 113467

Ion Ratio Lower Upper

101 100

85 45.3 35.4 53.2

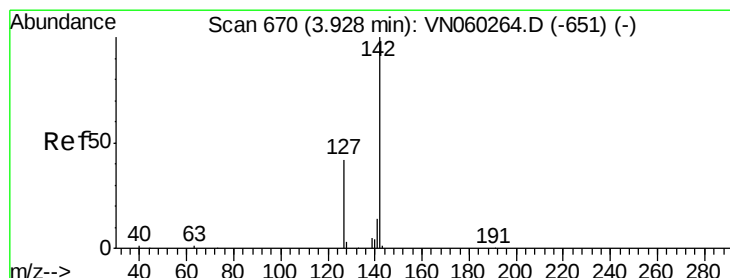
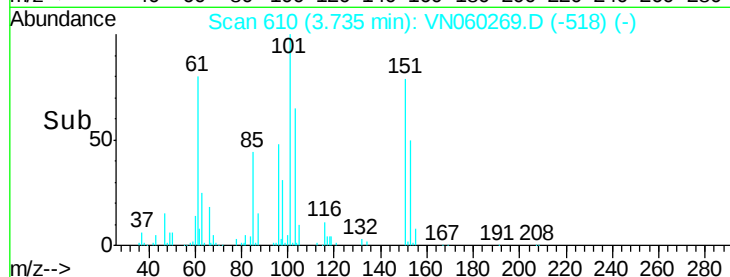
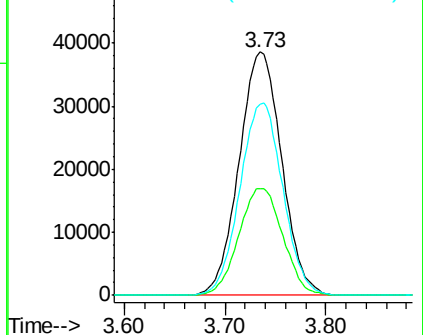
151 79.3 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.65 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

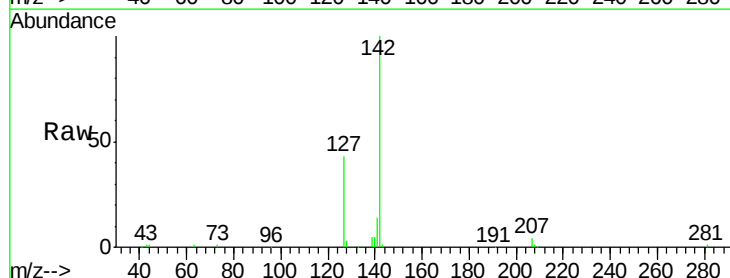
Tgt Ion:142 Resp: 118980

Ion Ratio Lower Upper

142 100

127 42.7 33.8 50.6

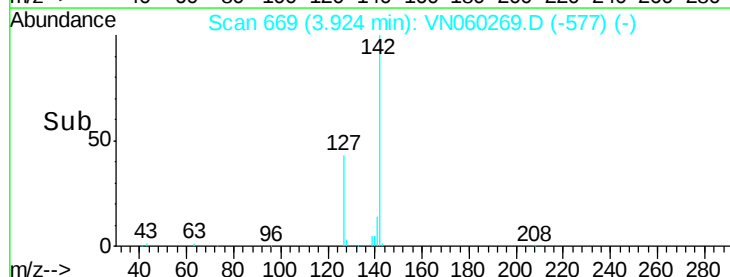
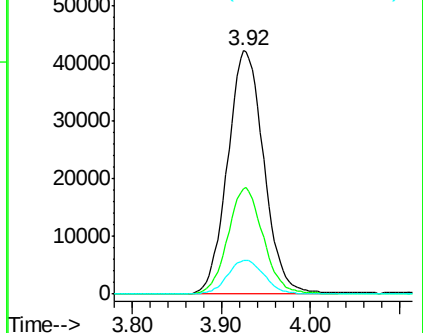
141 13.9 11.1 16.7



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

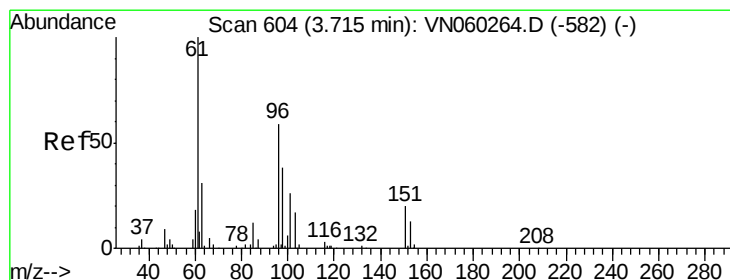
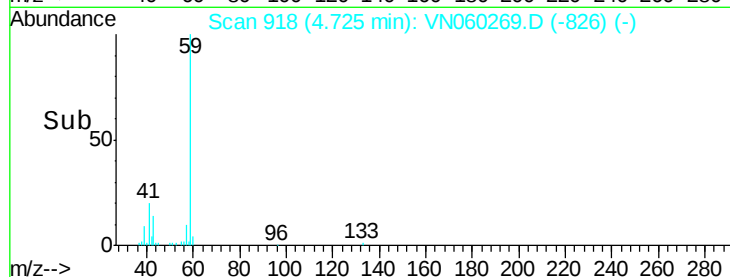
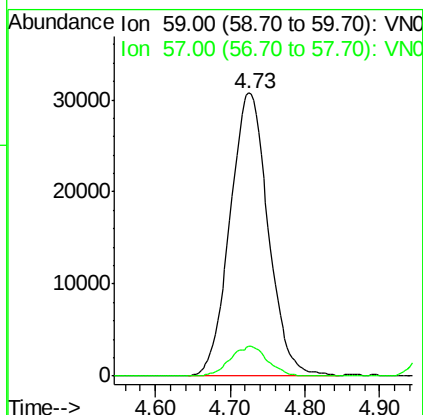
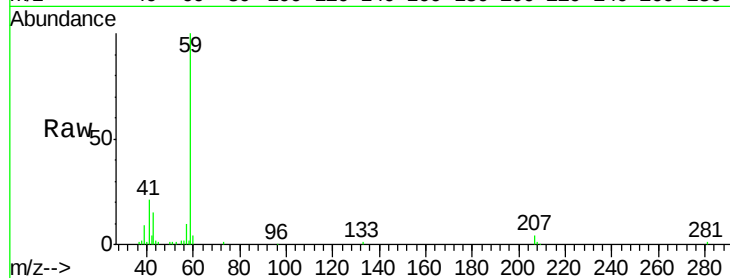




#11
Tert butyl alcohol
Concen: 255.08 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

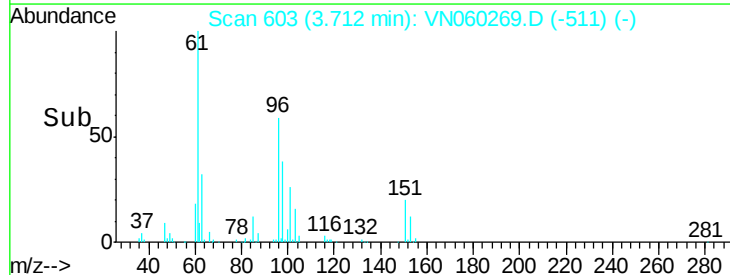
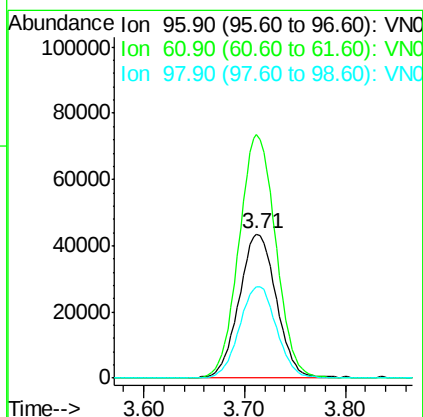
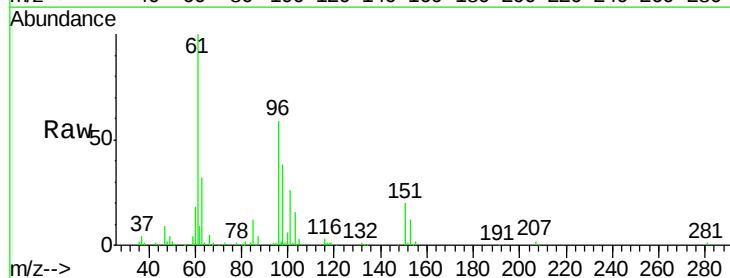
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

Tgt Ion: 59 Resp: 109125
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.78 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 96 Resp: 111698
Ion Ratio Lower Upper
96 100
61 168.6 135.4 203.0
98 63.3 51.6 77.4





#13

Acrolein

Concen: 255.89 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

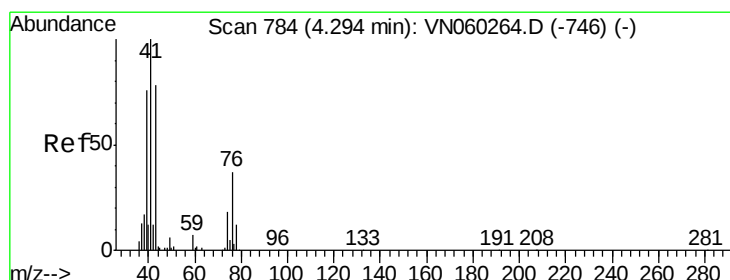
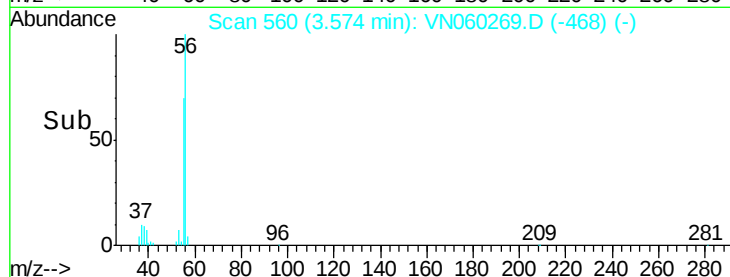
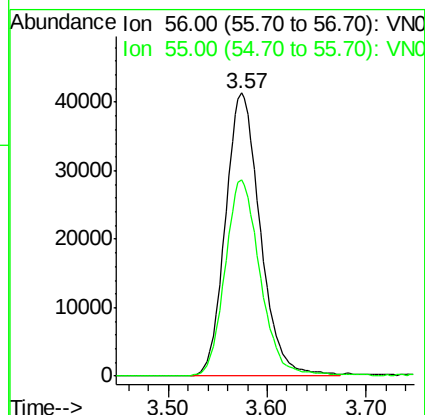
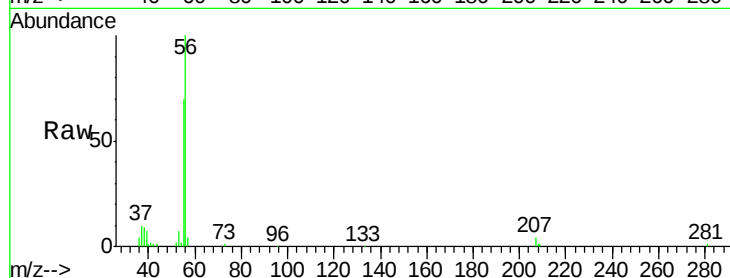
ICVVO22720

Tgt Ion: 56 Resp: 102128

Ion Ratio Lower Upper

56 100

55 70.0 57.4 86.0



#14

Allyl chloride

Concen: 46.66 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

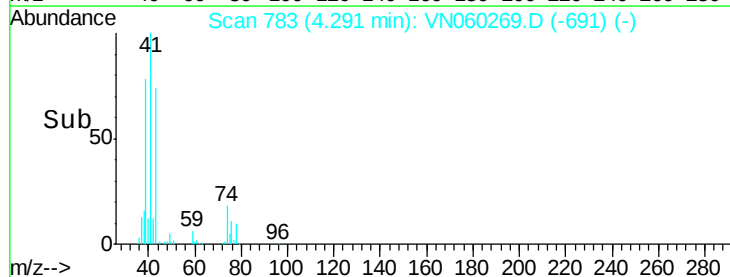
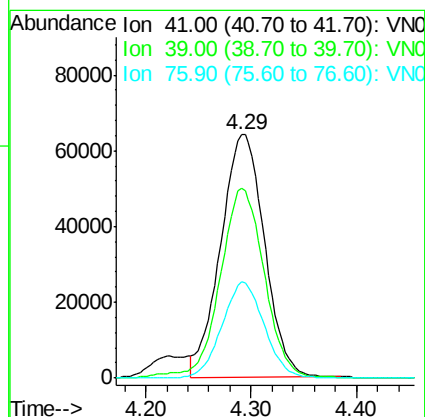
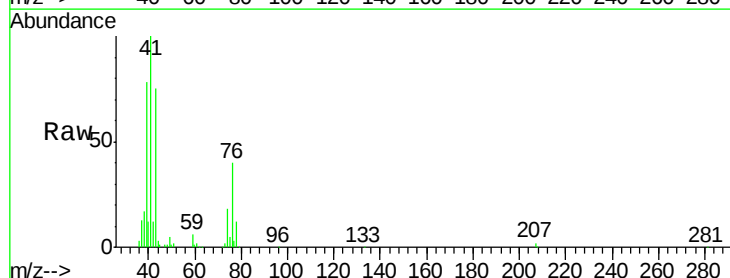
Tgt Ion: 41 Resp: 185618

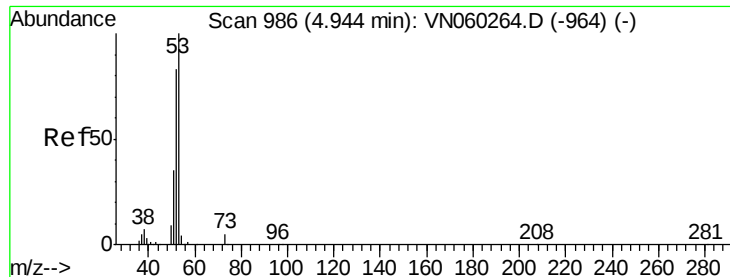
Ion Ratio Lower Upper

41 100

39 78.9 55.4 83.2

76 38.1 27.0 40.6





#15

Acrylonitrile

Concen: 261.12 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

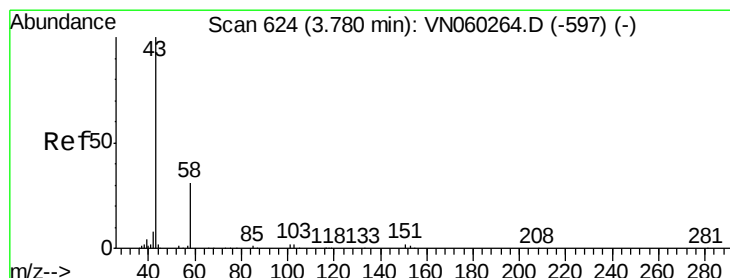
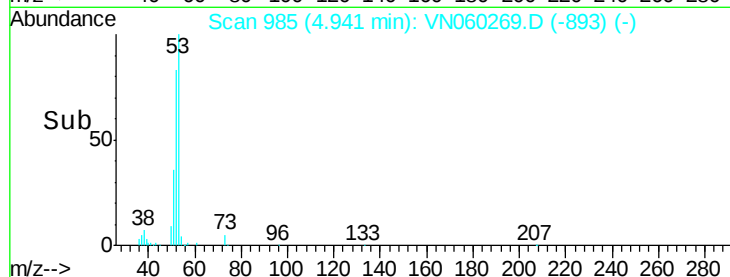
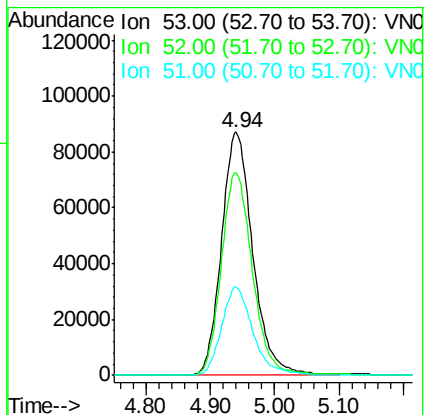
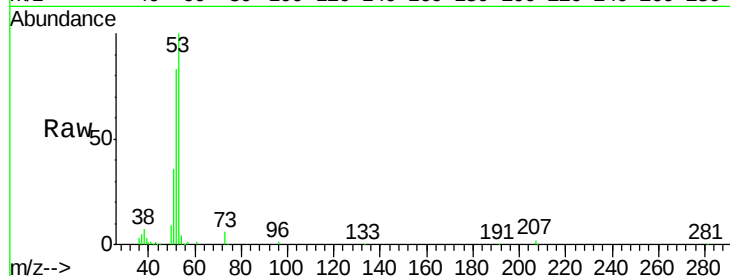
Tgt Ion: 53 Resp: 294442

Ion Ratio Lower Upper

53 100

52 82.6 66.8 100.2

51 36.6 29.0 43.6



#16

Acetone

Concen: 225.68 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060269.D

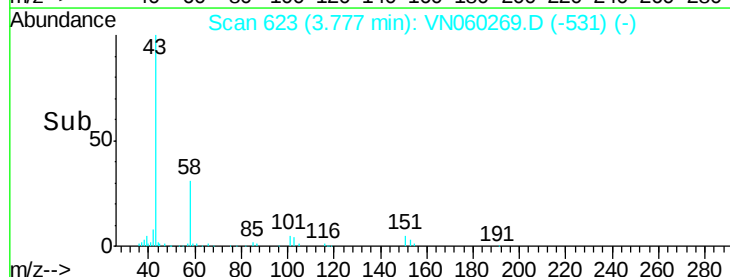
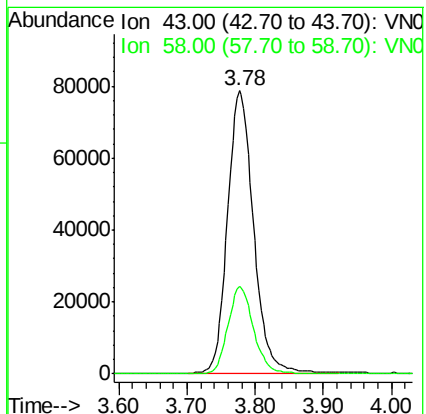
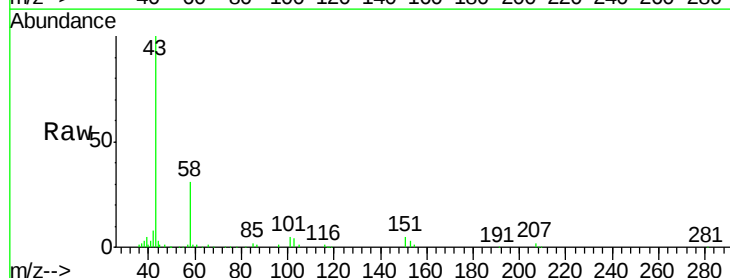
Acq: 27 Feb 2020 14:12

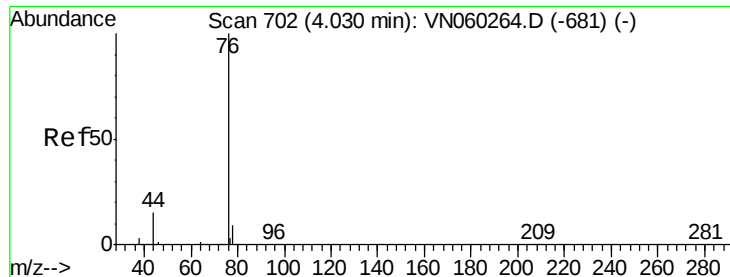
Tgt Ion: 43 Resp: 209975

Ion Ratio Lower Upper

43 100

58 30.9 24.6 36.8

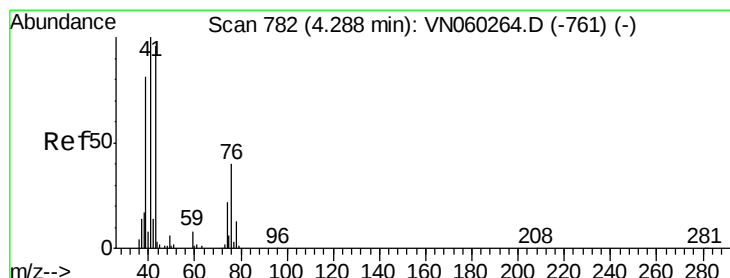
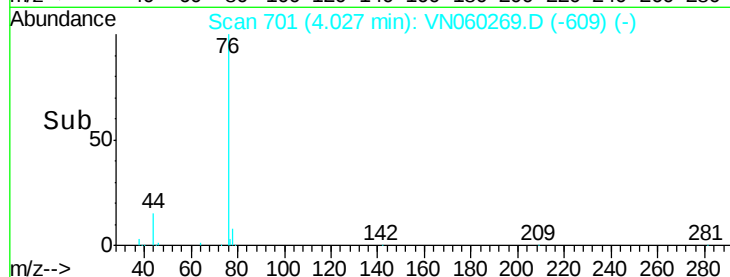
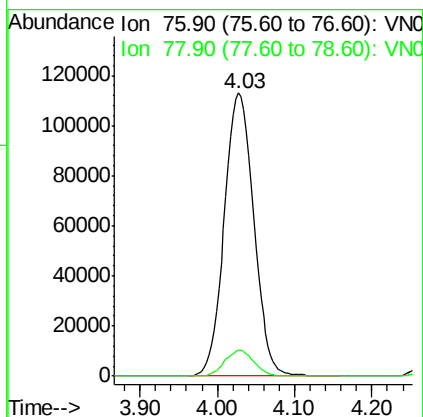
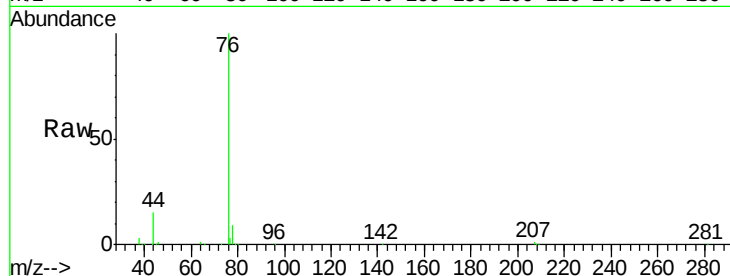




#17
Carbon Disulfide
Concen: 52.30 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

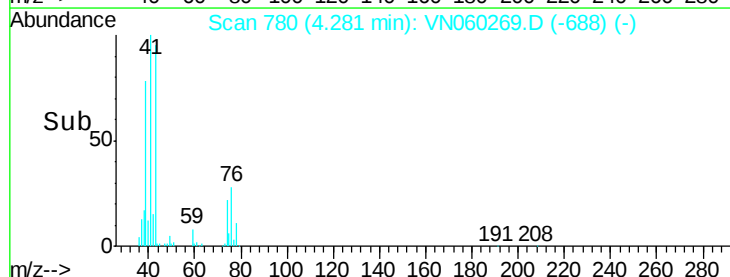
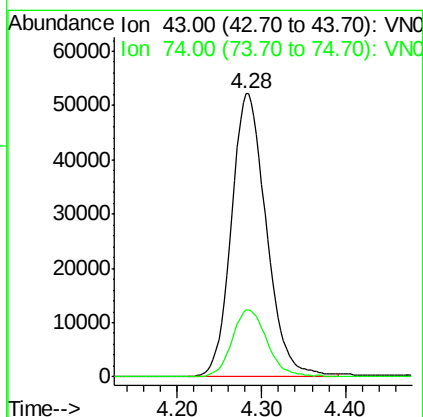
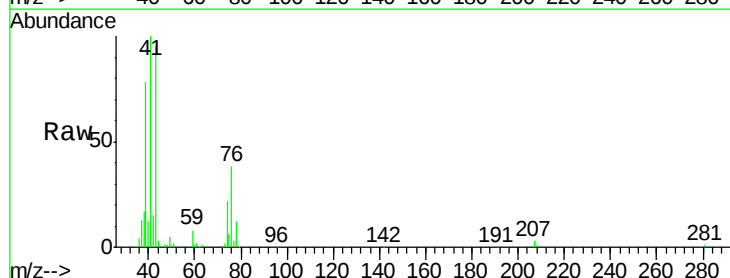
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

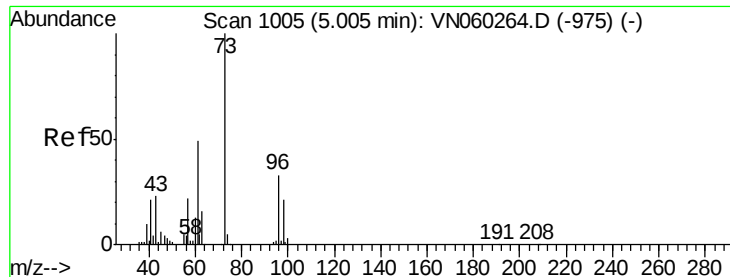
Tgt Ion: 76 Resp: 299240
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 48.01 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 43 Resp: 149065
Ion Ratio Lower Upper
43 100
74 24.0 18.8 28.2

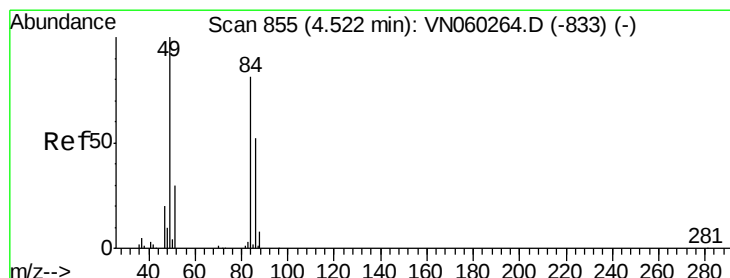
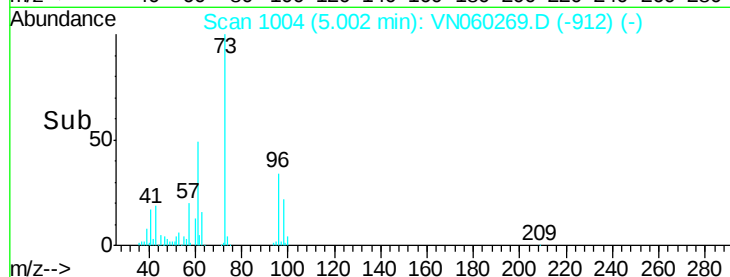
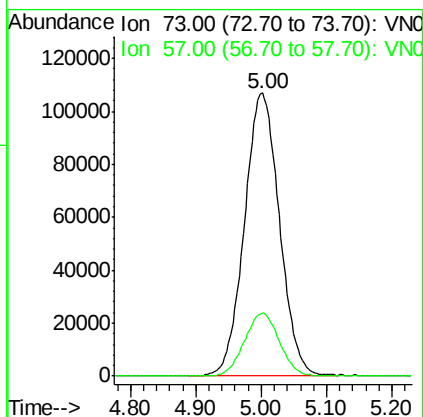
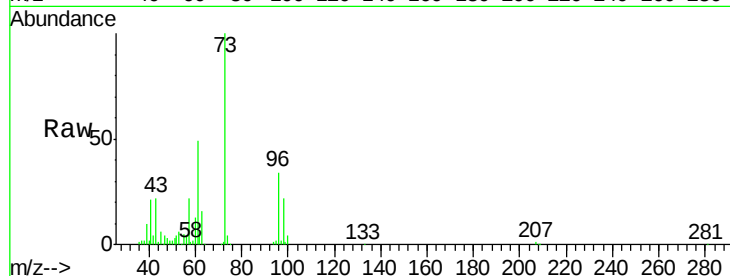




#19
Methyl tert-butyl Ether
Concen: 50.56 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

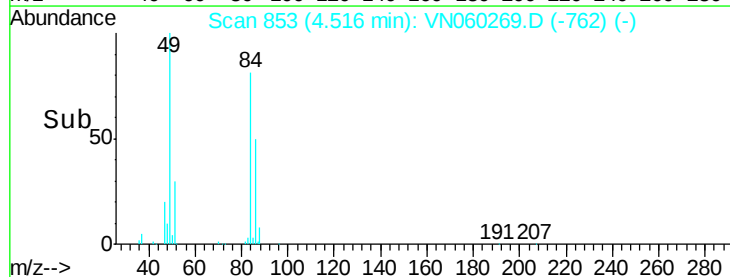
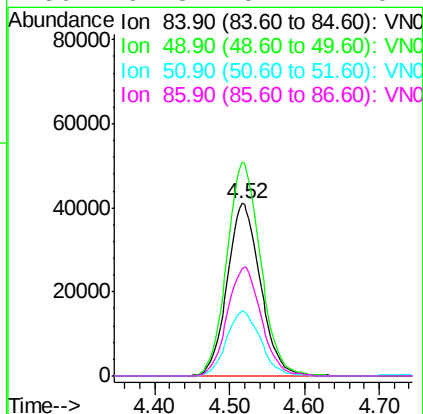
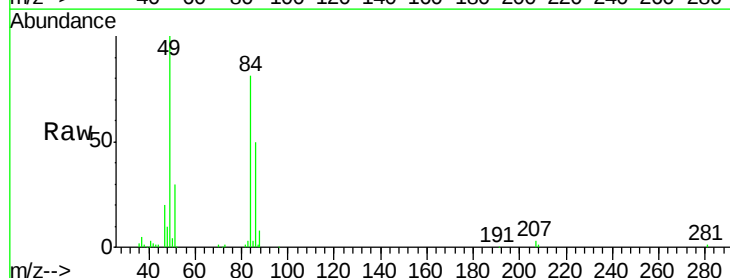
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

Tgt Ion: 73 Resp: 396039
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 49.60 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 84 Resp: 126727
Ion Ratio Lower Upper
84 100
49 123.8 99.3 148.9
51 37.5 30.1 45.1
86 62.3 51.1 76.7

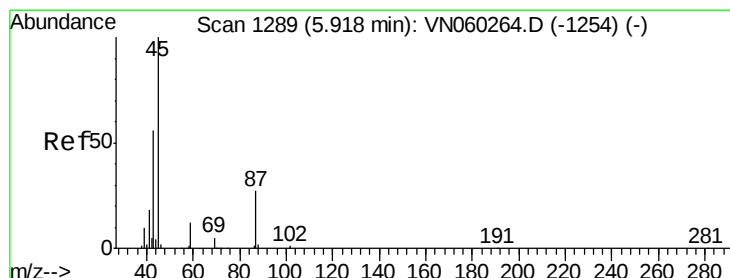
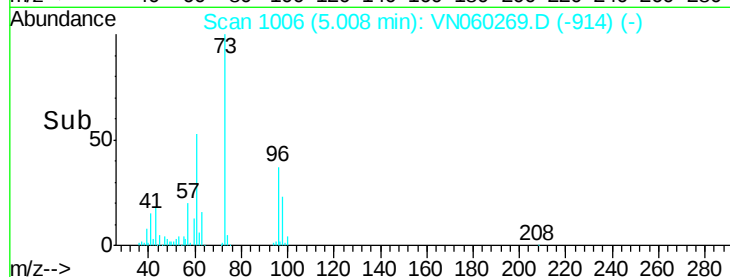
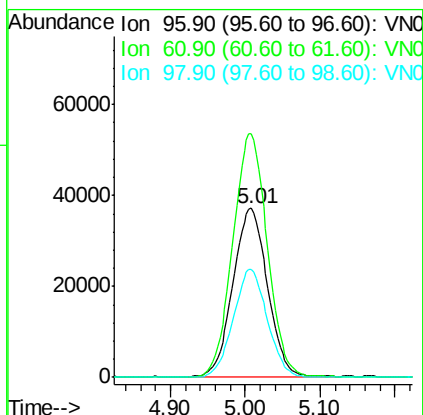
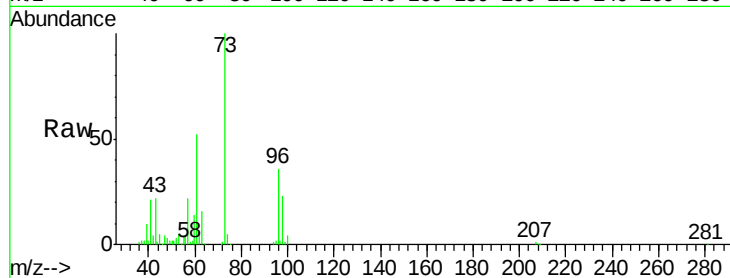




#21
trans-1,2-Dichloroethene
Concen: 51.09 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

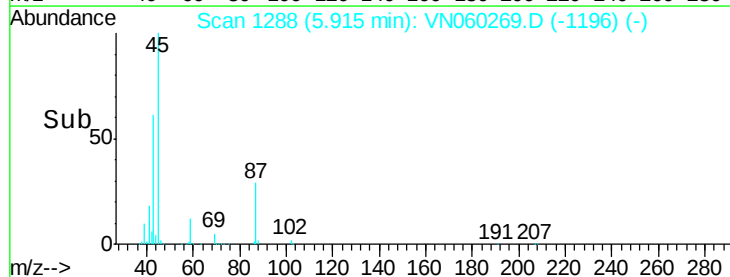
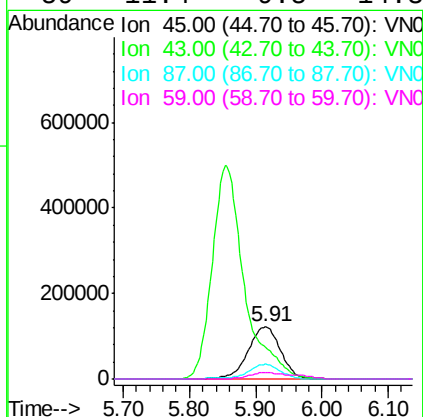
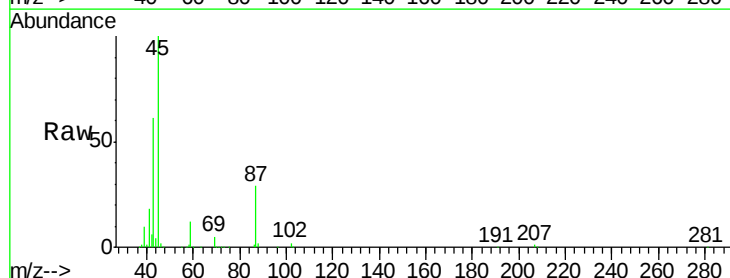
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

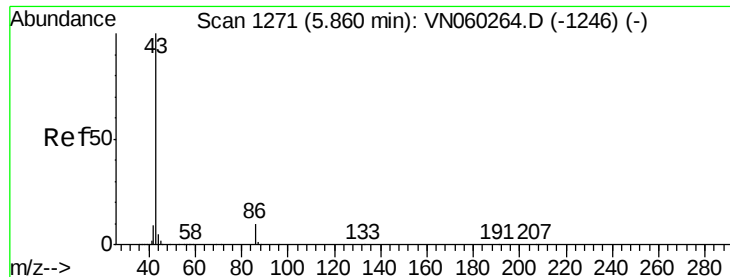
Tgt Ion: 96 Resp: 118411
Ion Ratio Lower Upper
96 100
61 144.5 113.8 170.8
98 64.2 48.8 73.2



#22
Diisopropyl ether
Concen: 51.54 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 45 Resp: 415268
Ion Ratio Lower Upper
45 100
43 59.7 48.6 72.8
87 28.5 22.2 33.2
59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 262.97 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

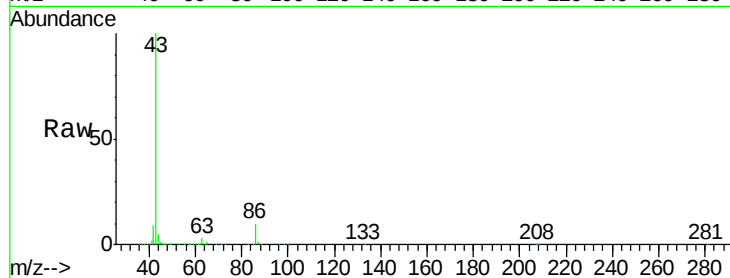
ICVVN022720

Tgt Ion: 43 Resp: 1683716

Ion Ratio Lower Upper

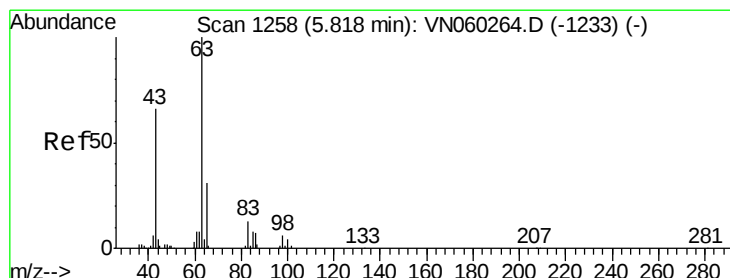
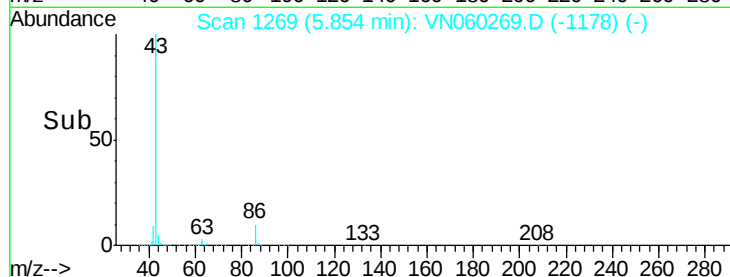
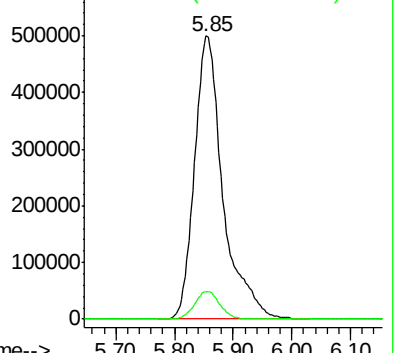
43 100

86 9.9 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 51.07 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

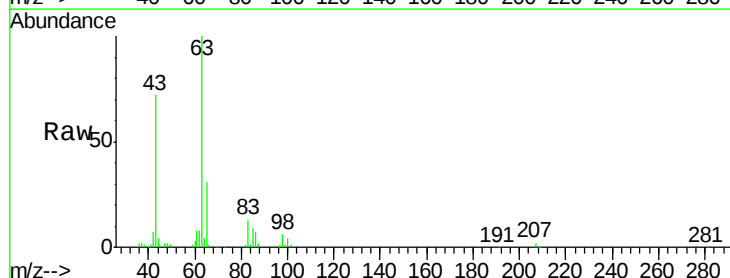
Tgt Ion: 63 Resp: 232915

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.0

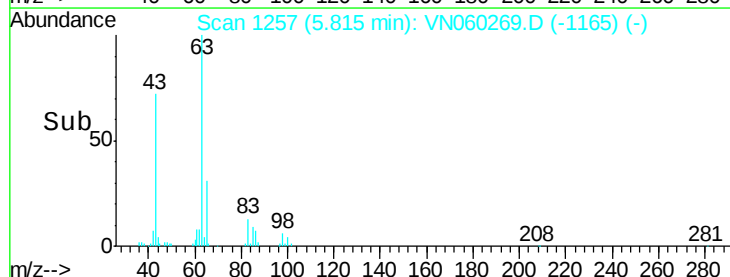
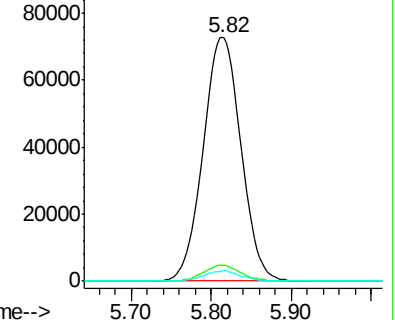
100 4.2 2.0 6.0

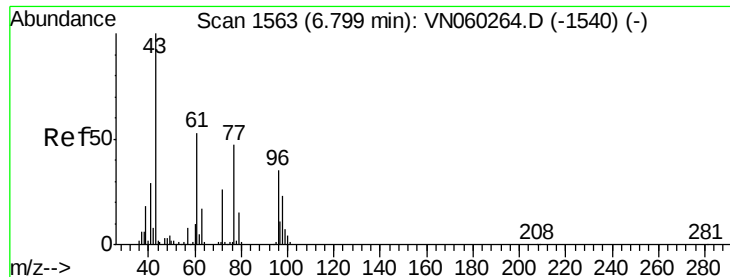


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 251.24 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

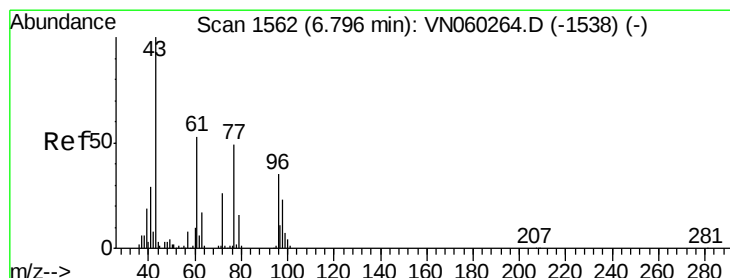
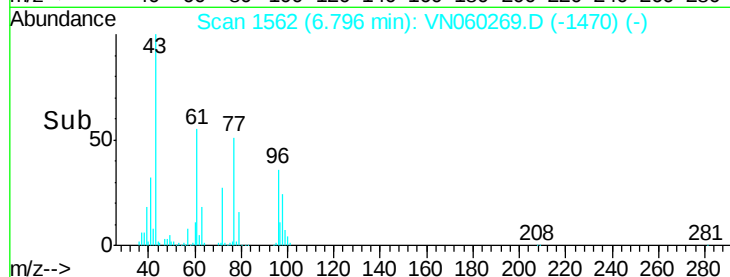
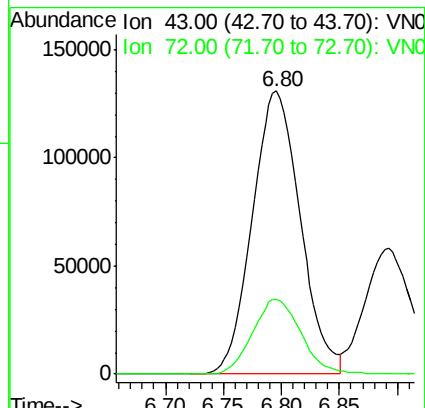
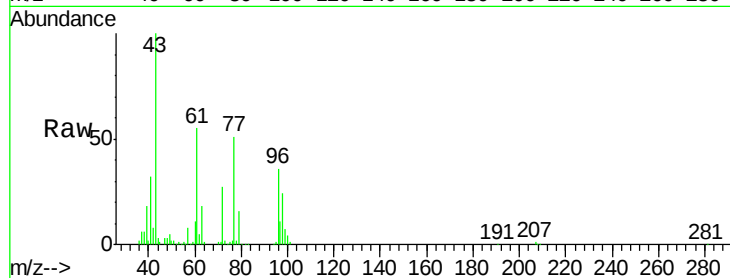
ICVVN022720

Tgt Ion: 43 Resp: 377567

Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 51.61 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060269.D

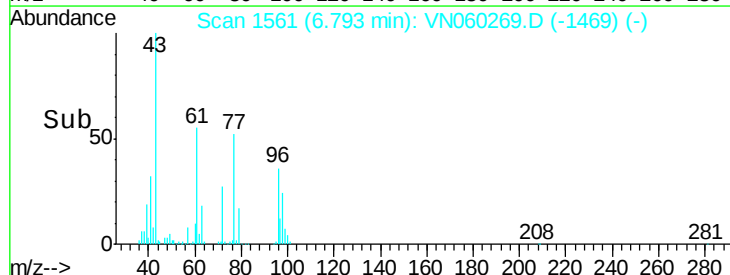
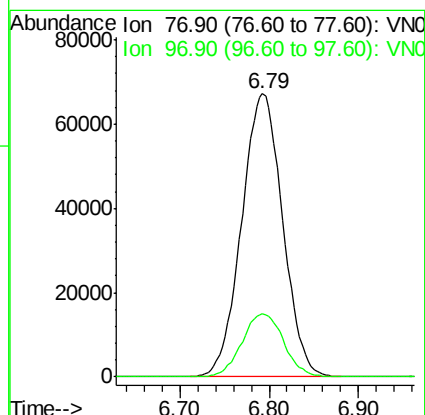
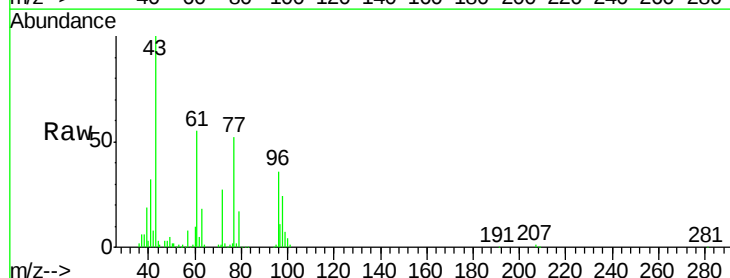
Acq: 27 Feb 2020 14:12

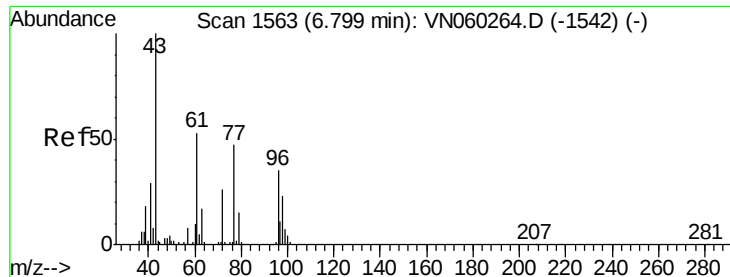
Tgt Ion: 77 Resp: 214297

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.98 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

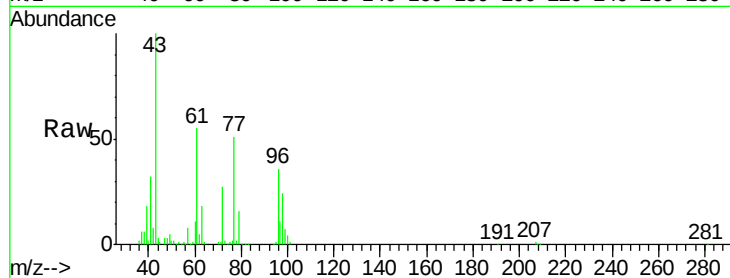
Tgt Ion: 96 Resp: 139197

Ion Ratio Lower Upper

96 100

61 152.9 0.0 300.8

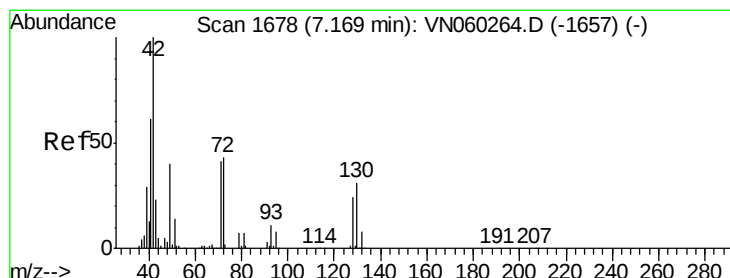
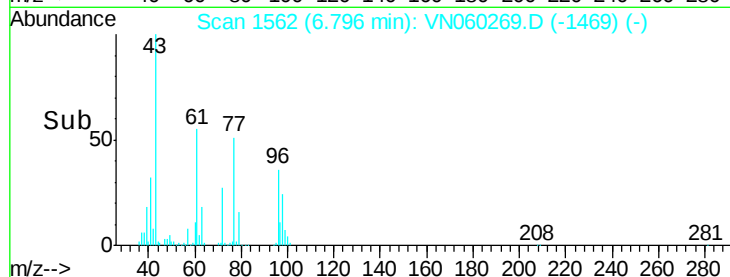
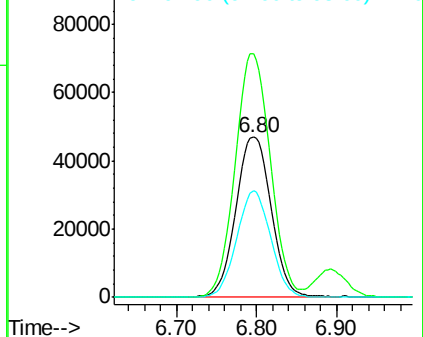
98 64.6 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060269.D (-1469) (-)

Ion 60.90 (60.60 to 61.60): VN060269.D (-1469) (-)

Ion 97.90 (97.60 to 98.60): VN060269.D (-1469) (-)



#28

Bromochloromethane

Concen: 42.50 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

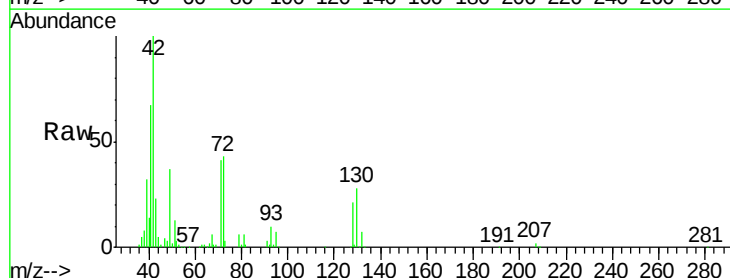
Tgt Ion: 49 Resp: 79581

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

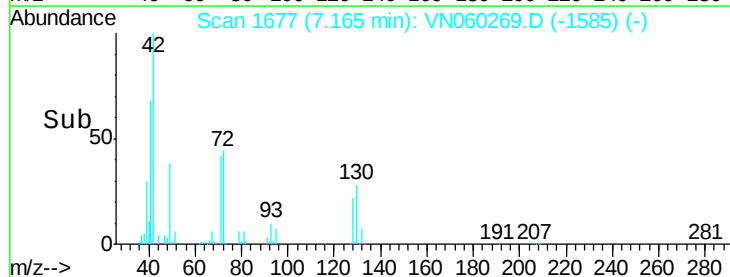
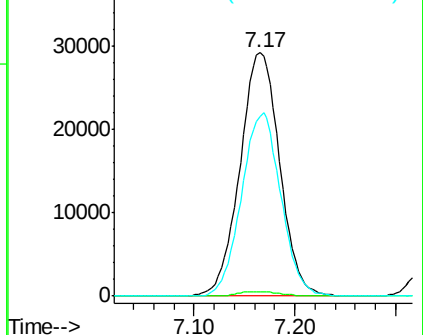
130 74.4 59.8 89.8



Abundance Ion 48.90 (48.60 to 49.60): VN060269.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060269.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060269.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 247.41 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

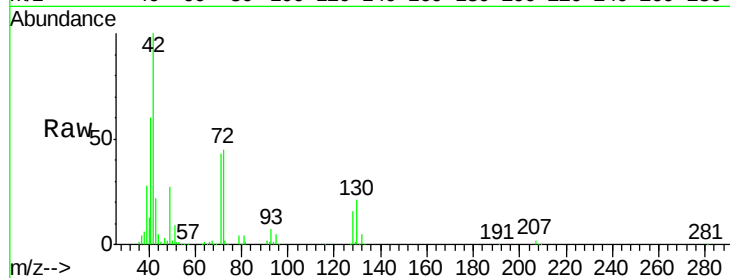
Tgt Ion: 42 Resp: 258549

Ion Ratio Lower Upper

42 100

72 44.4 34.6 52.0

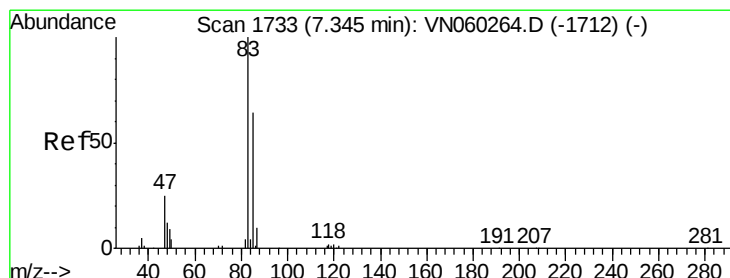
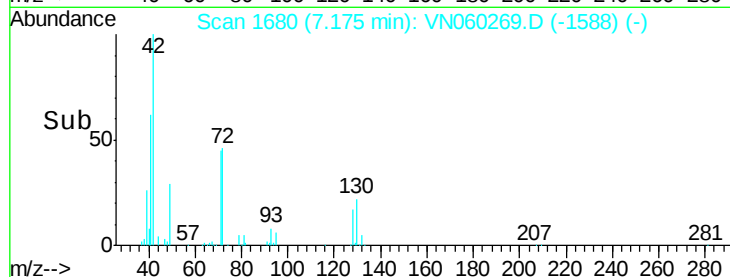
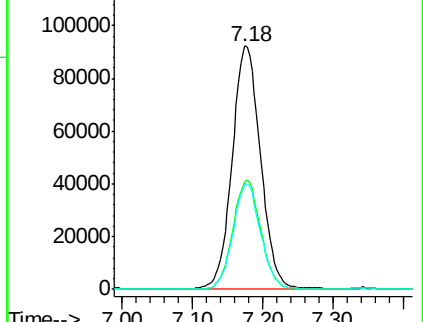
71 42.3 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN060264.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060264.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060264.D (-1651) (-)



#30

Chloroform

Concen: 50.68 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060269.D

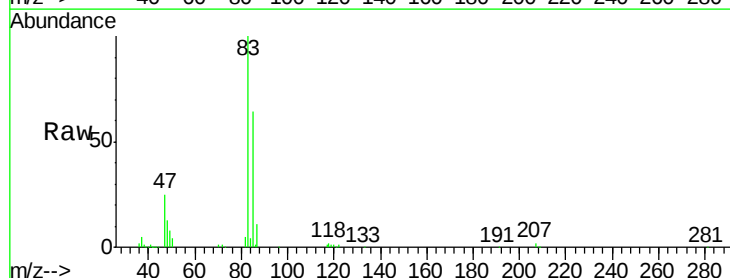
Acq: 27 Feb 2020 14:12

Tgt Ion: 83 Resp: 230104

Ion Ratio Lower Upper

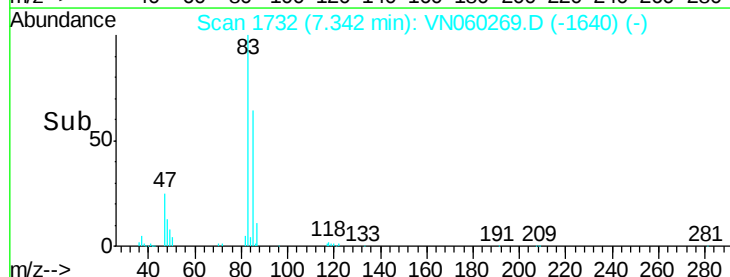
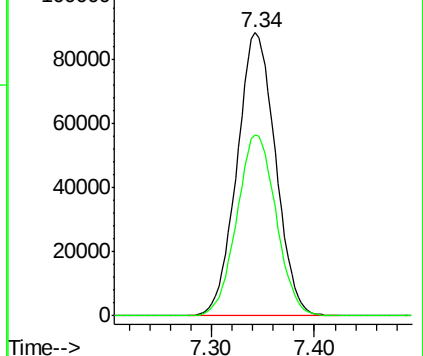
83 100

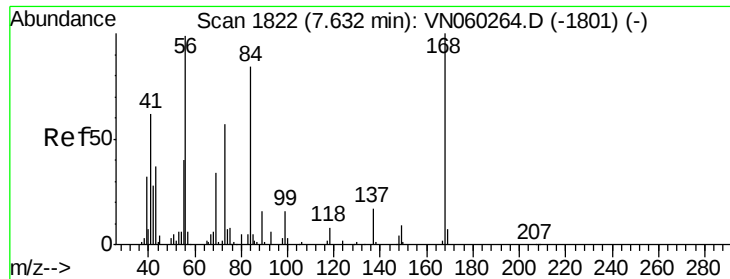
85 64.1 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060264.D (-1712) (-)

Ion 84.90 (84.60 to 85.60): VN060264.D (-1712) (-)





#31

Cyclohexane

Concen: 52.51 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

ICVVN022720

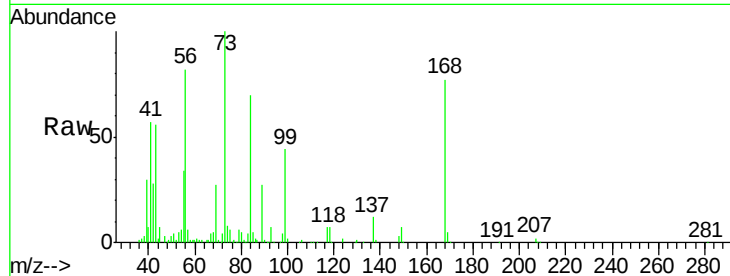
Tgt Ion: 56 Resp: 204123

Ion Ratio Lower Upper

56 100

69 32.9 27.2 40.8

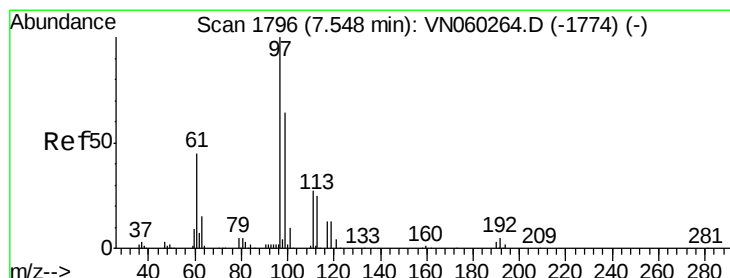
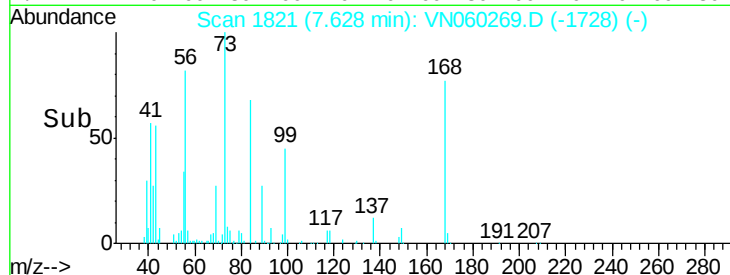
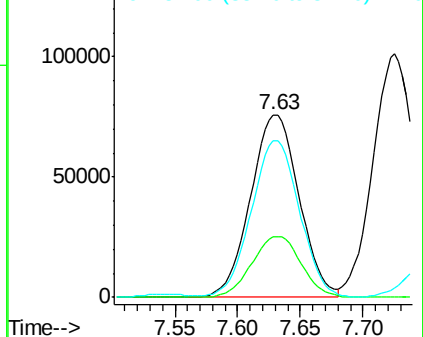
84 84.4 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.36 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

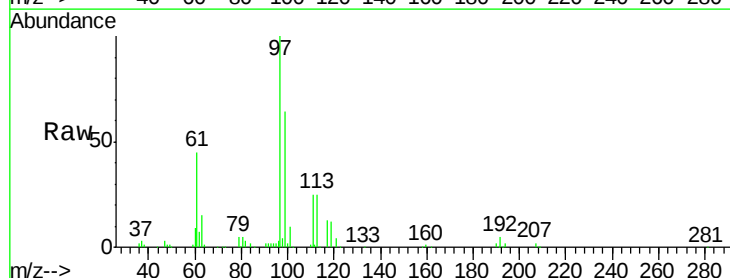
Tgt Ion: 97 Resp: 206618

Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.0

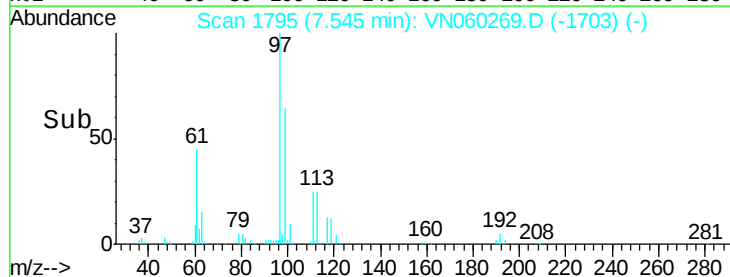
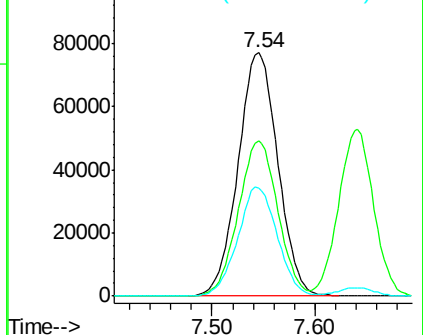
61 44.5 36.6 55.0

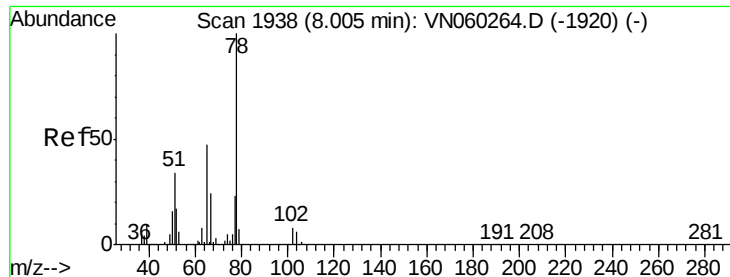


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.09 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

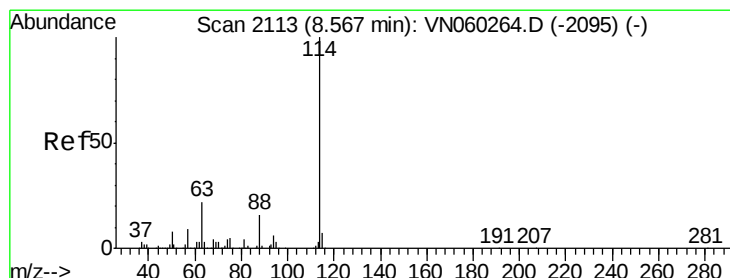
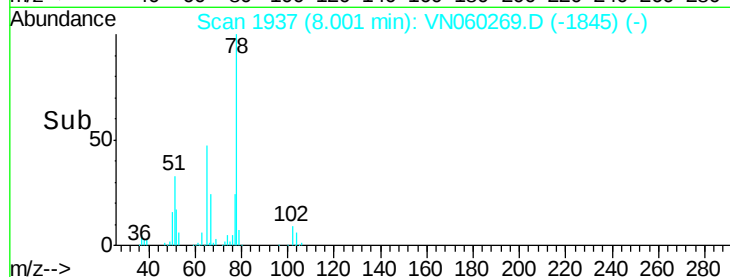
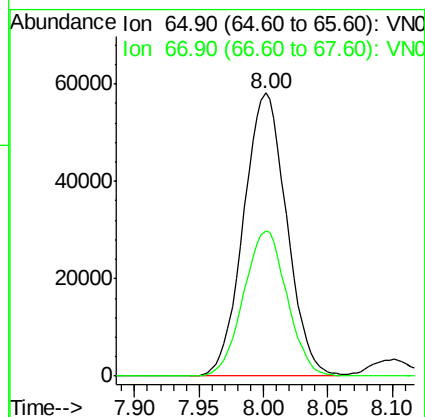
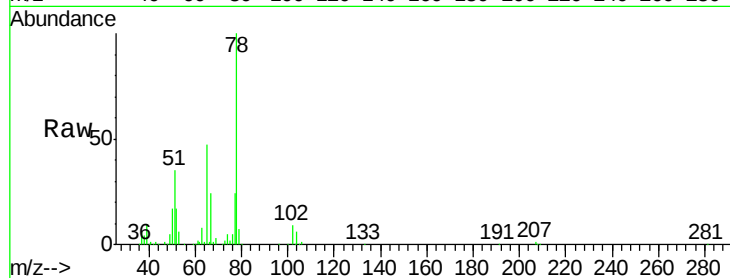
ICVVN022720

Tgt Ion: 65 Resp: 135667

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

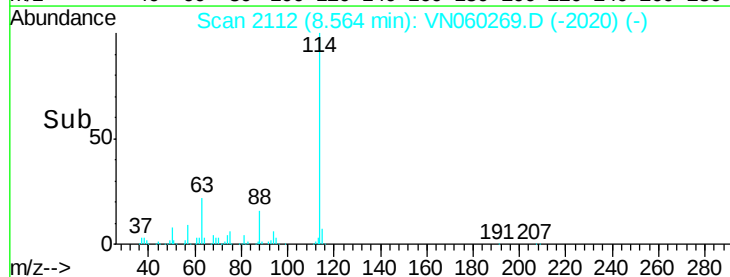
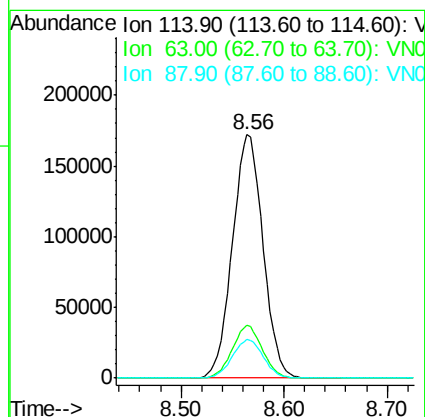
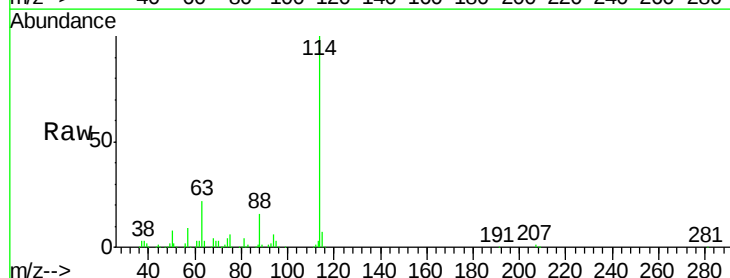
Tgt Ion: 114 Resp: 355408

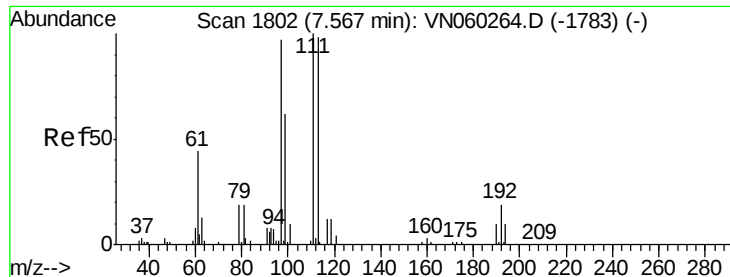
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 15.7 0.0 31.6

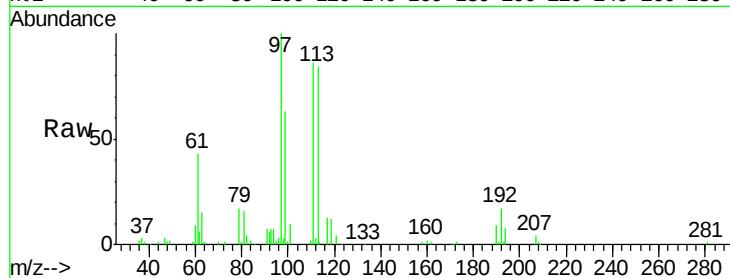




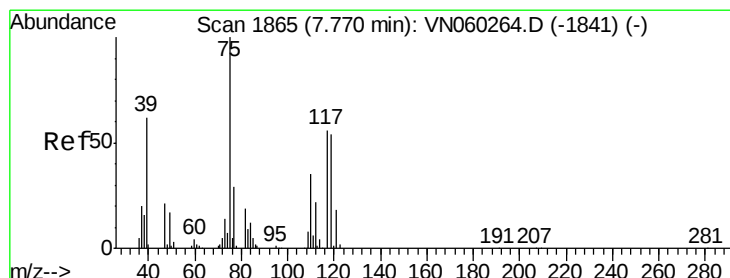
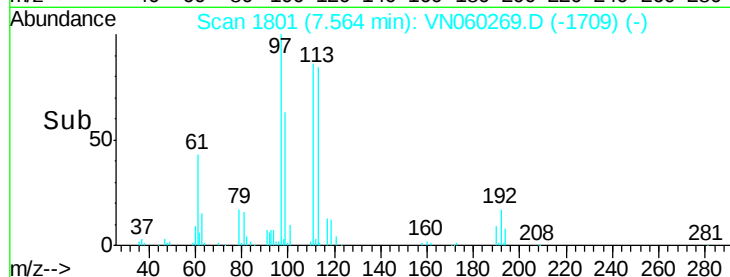
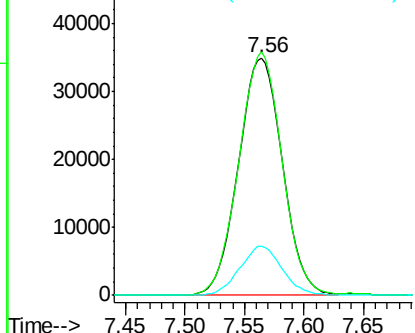
#35
 Dibromofluoromethane
 Concen: 54.16 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

Tgt Ion:113 Resp: 89340
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.4 123.6
 192 19.9 16.2 24.2

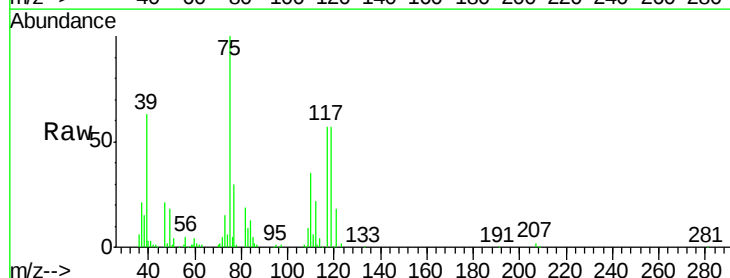


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

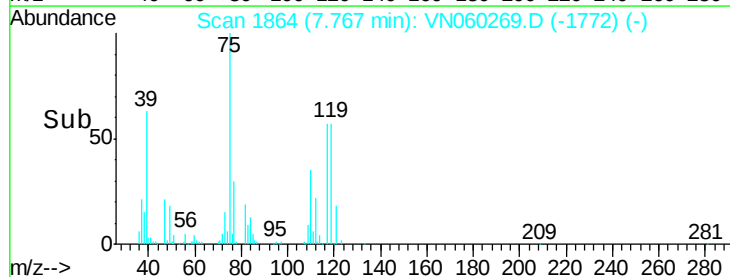
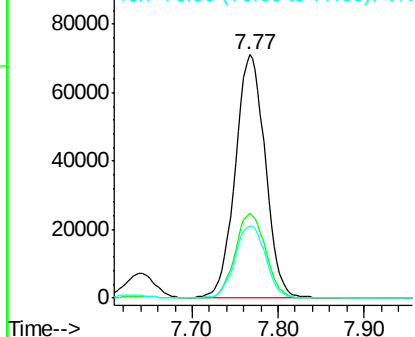


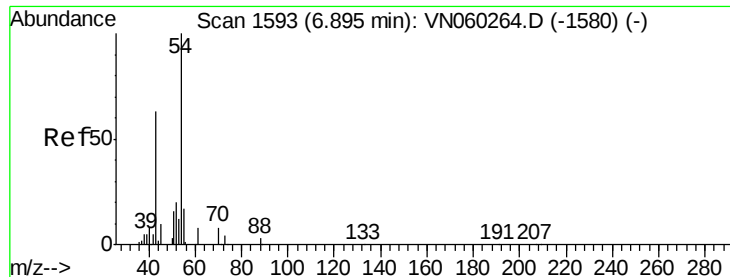
#36
 1,1-Dichloropropene
 Concen: 50.87 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 75 Resp: 172301
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.3 52.0
 77 30.6 24.2 36.2



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

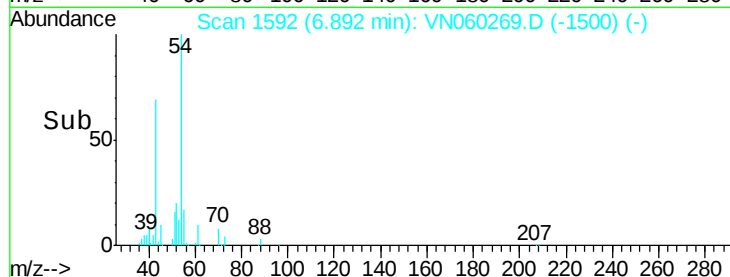
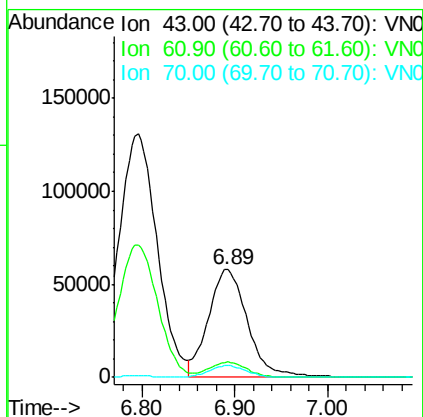
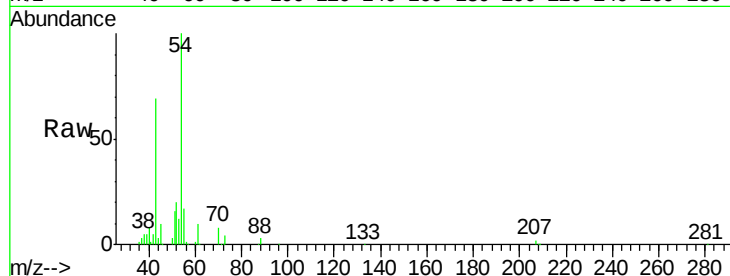




#37
Ethyl Acetate
 Concen: 52.20 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

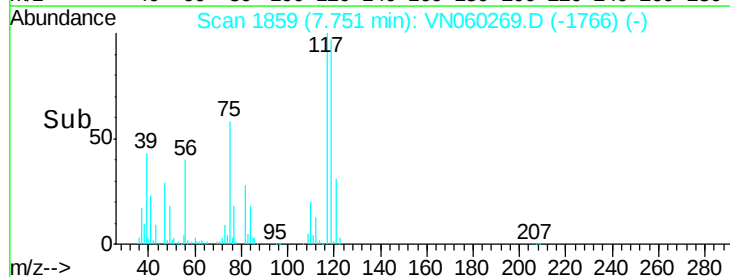
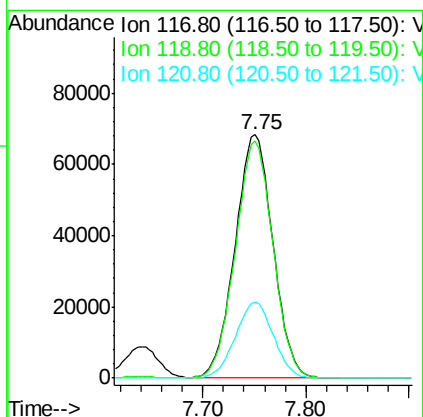
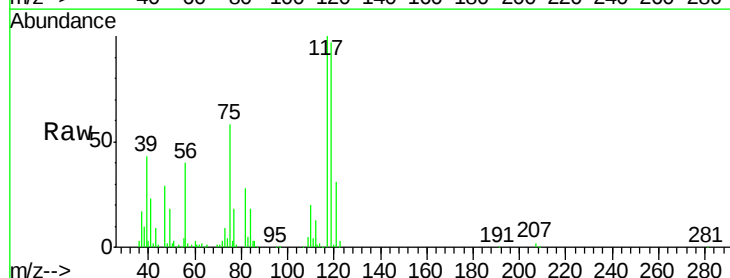
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

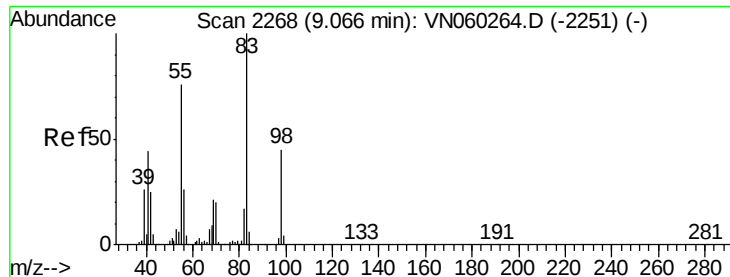
Tgt Ion: 43 Resp: 167433
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.1 16.7
 70 10.4 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 52.96 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 117 Resp: 174671
 Ion Ratio Lower Upper
 117 100
 119 97.3 76.7 115.1
 121 31.3 24.5 36.7

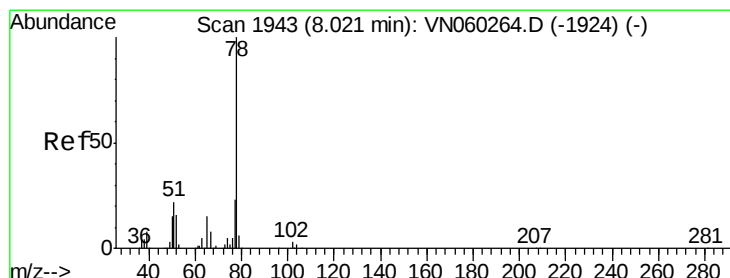
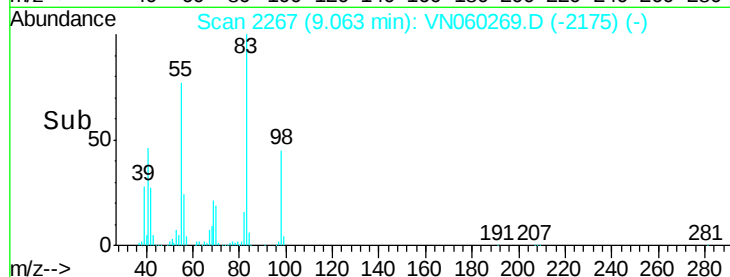
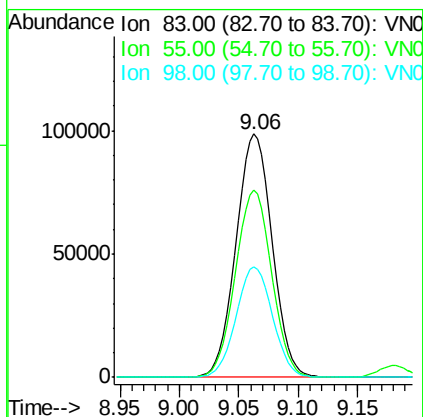
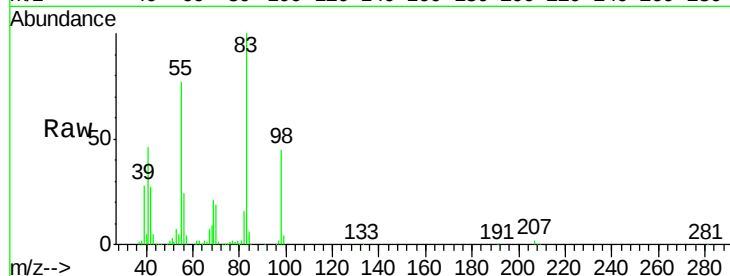




#39
Methylcyclohexane
Concen: 52.15 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

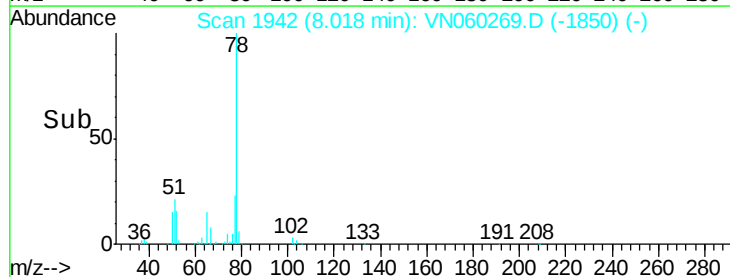
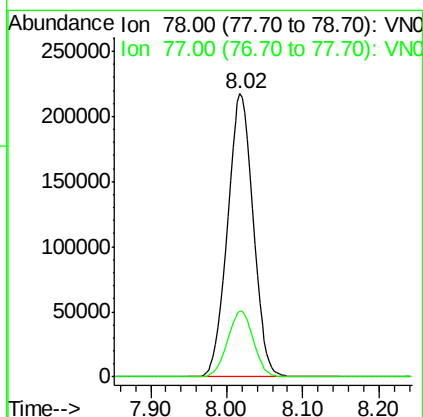
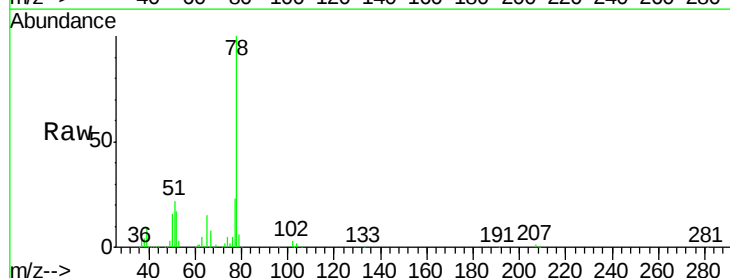
Instrument :
MSVOA_N
ClientSampled :
ICVVN022720

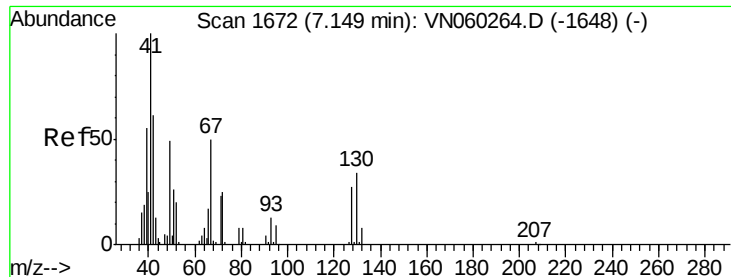
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.4
98	45.5	36.1	54.1



#40
Benzene
Concen: 51.79 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

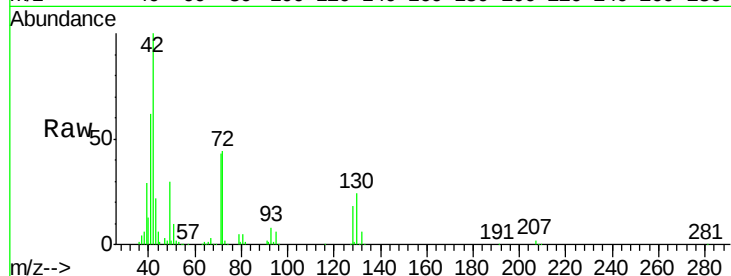




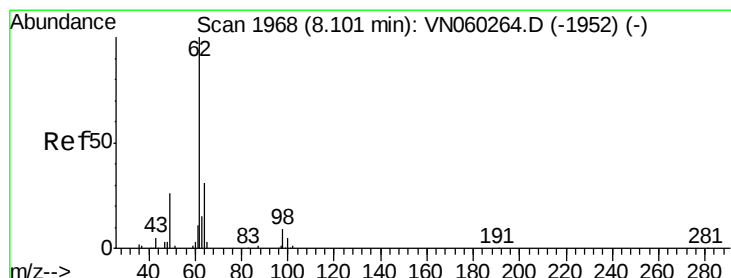
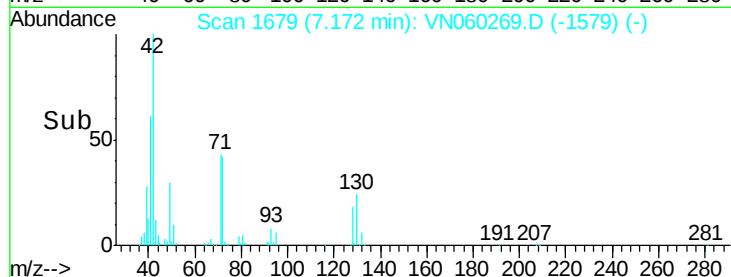
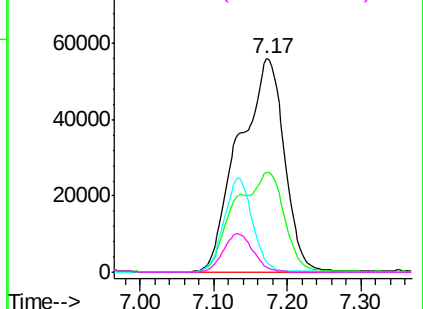
#41
Methacrylonitrile
Concen: 162.19 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.02 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

Tgt Ion:	41	Resp:	240191
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

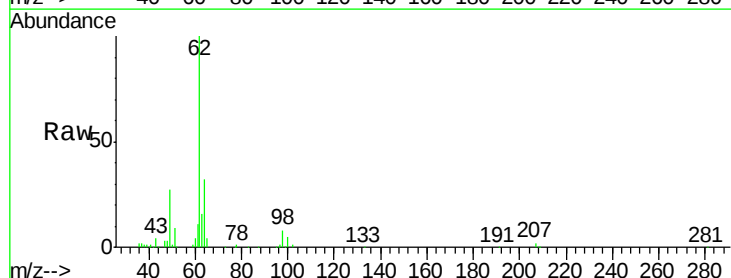


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

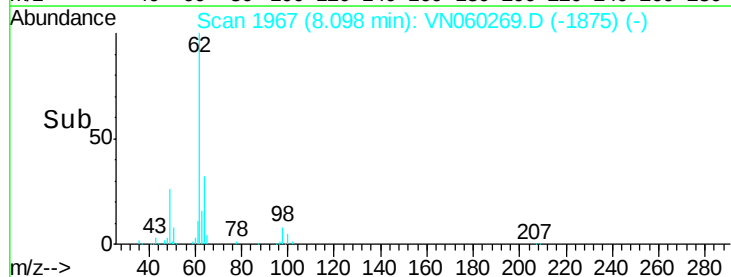
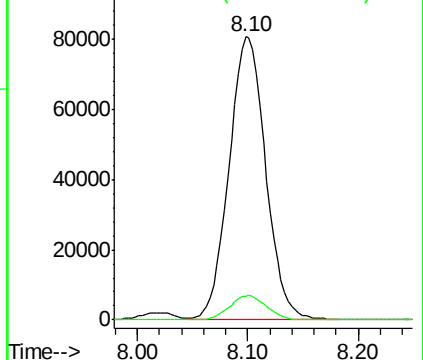


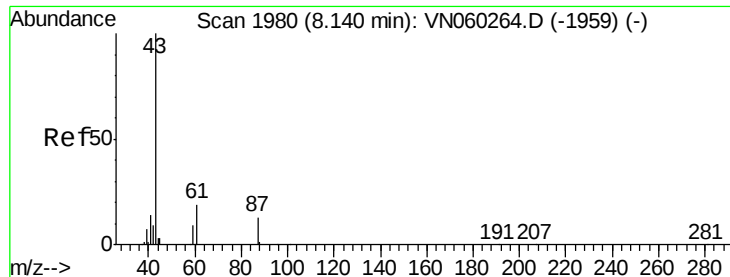
#42
1,2-Dichloroethane
Concen: 52.05 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion:	62	Resp:	185156
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.76 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

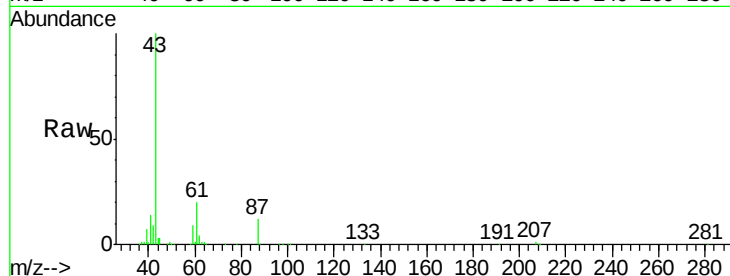
Tgt Ion: 43 Resp: 296224

Ion Ratio Lower Upper

43 100

61 26.0 20.9 31.3

87 12.7 10.6 16.0

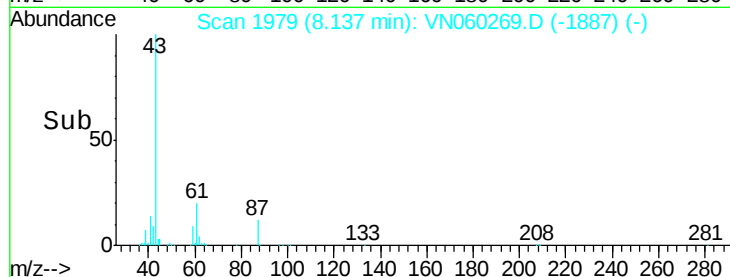


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

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

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

Time-->

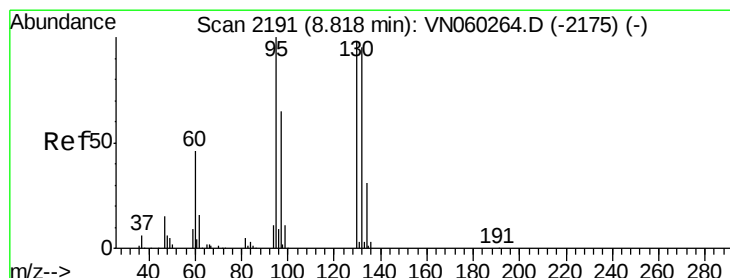


Abundance Ion 43.00 (42.70 to 43.70): VN060269.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060269.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060269.D (-1887) (-)

Time-->



#44

Trichloroethene

Concen: 51.14 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060269.D

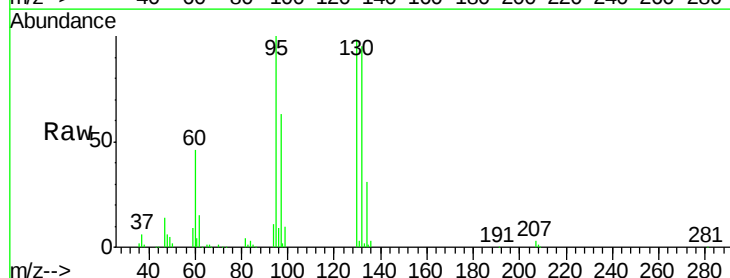
Acq: 27 Feb 2020 14:12

Tgt Ion: 130 Resp: 140411

Ion Ratio Lower Upper

130 100

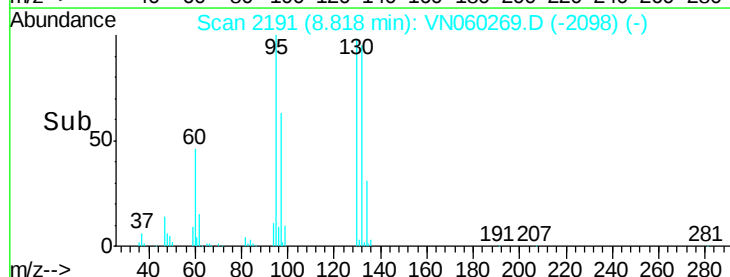
95 101.9 0.0 203.4



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

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

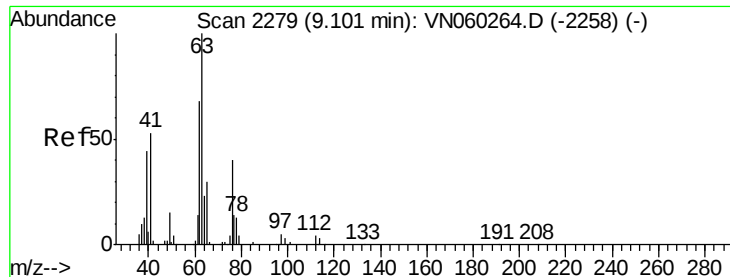
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN060269.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060269.D (-2098) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 53.13 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

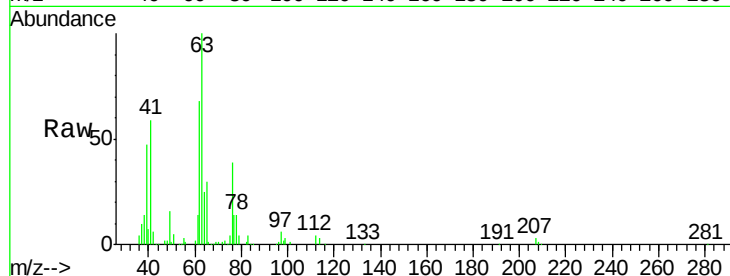
ICVVN022720

Tgt Ion: 63 Resp: 136938

Ion Ratio Lower Upper

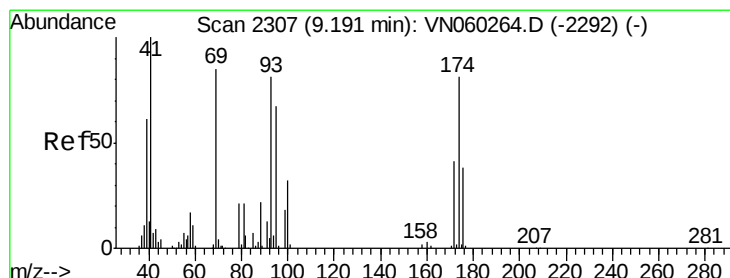
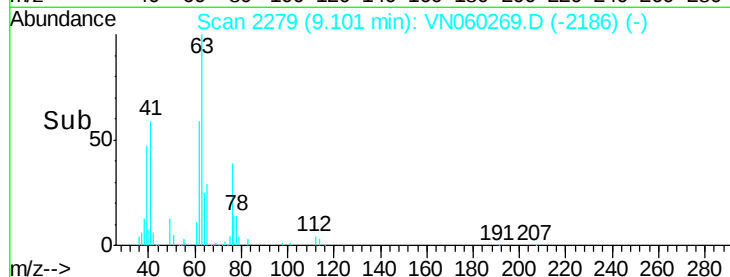
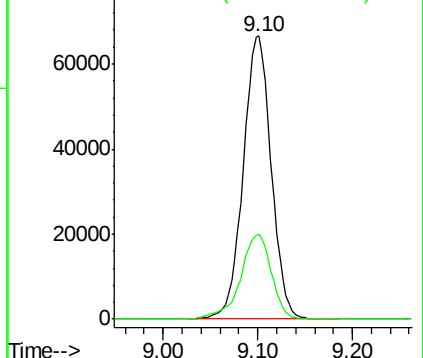
63 100

65 30.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN060269.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060269.D (-2186) (-)



#46

Dibromomethane

Concen: 52.37 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

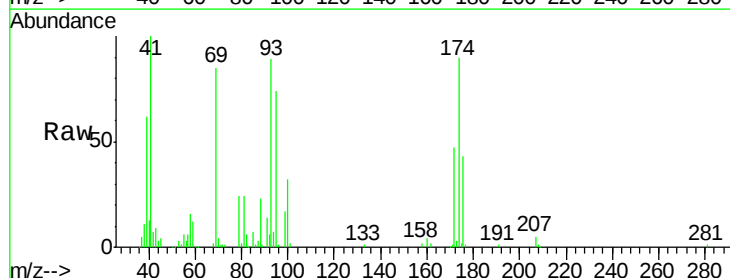
Tgt Ion: 93 Resp: 87593

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

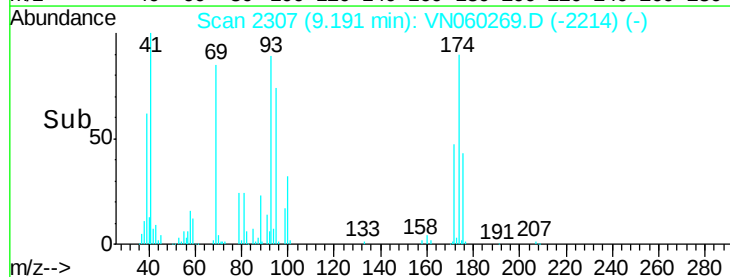
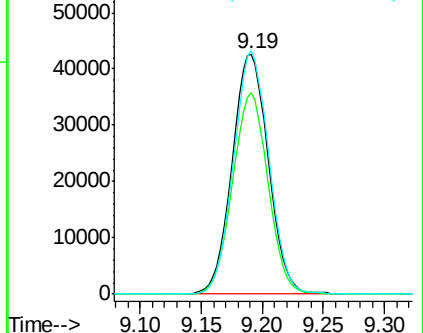
174 98.9 79.6 119.4

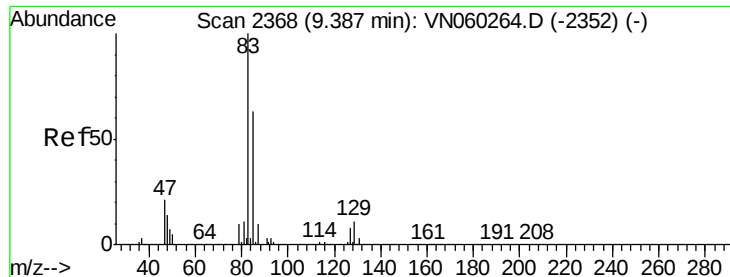


Abundance Ion 92.80 (92.50 to 93.50): VN060269.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060269.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060269.D (-2214) (-)





#47

Bromodichloromethane

Concen: 53.61 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

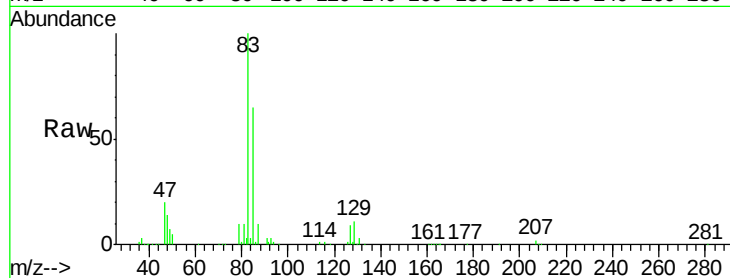
Tgt Ion: 83 Resp: 182355

Ion Ratio Lower Upper

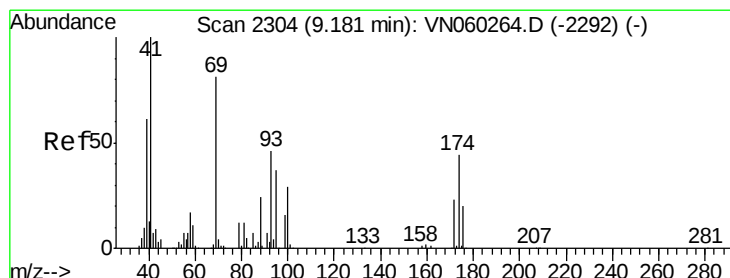
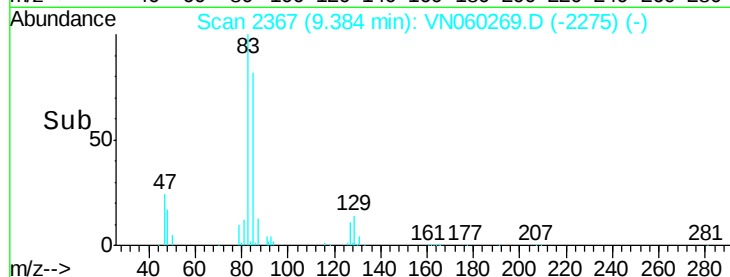
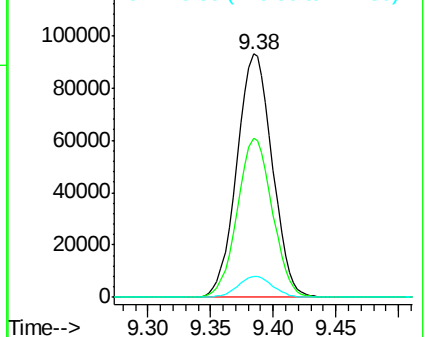
83 100

85 65.2 50.7 76.1

127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 51.74 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

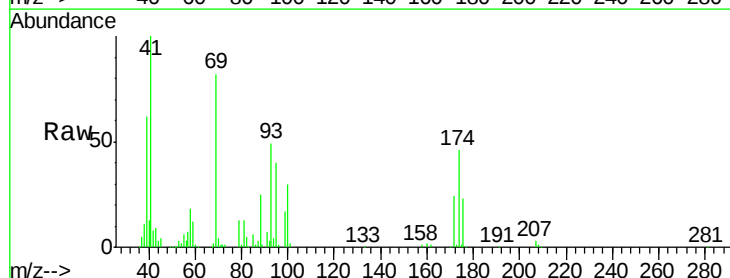
Tgt Ion: 41 Resp: 132490

Ion Ratio Lower Upper

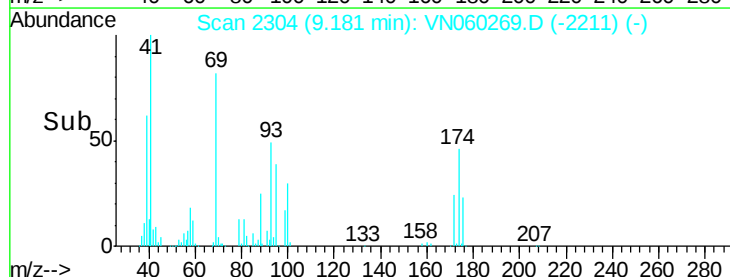
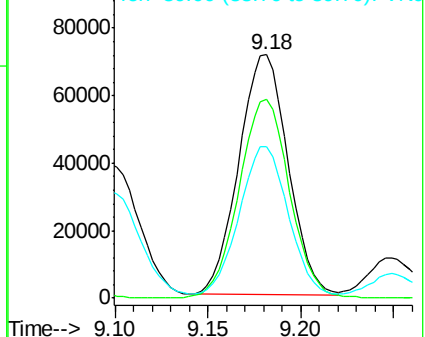
41 100

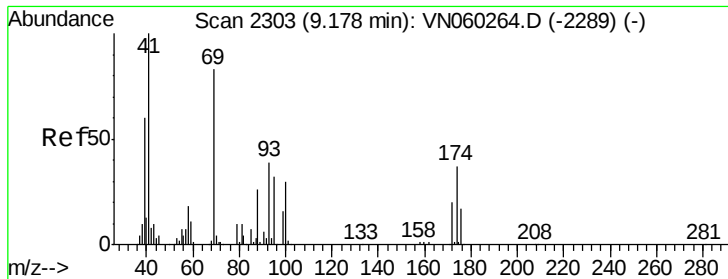
69 84.7 66.7 100.1

39 64.1 50.1 75.1



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

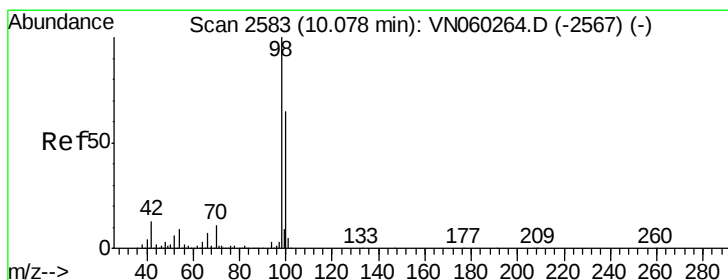
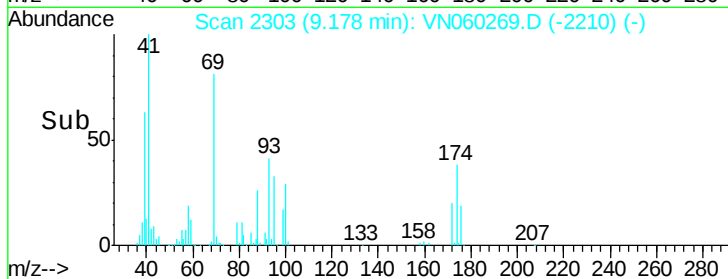
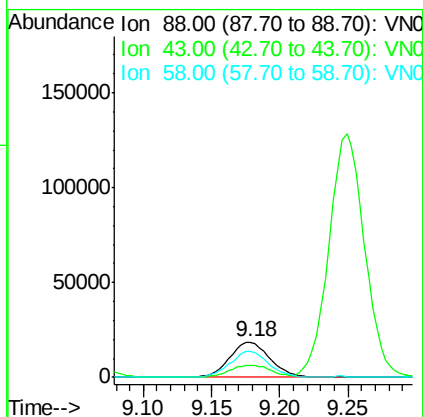
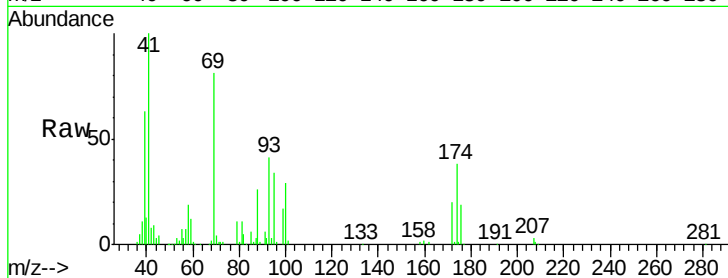




#49
 1,4-Dioxane
 Concen: 1064.24 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

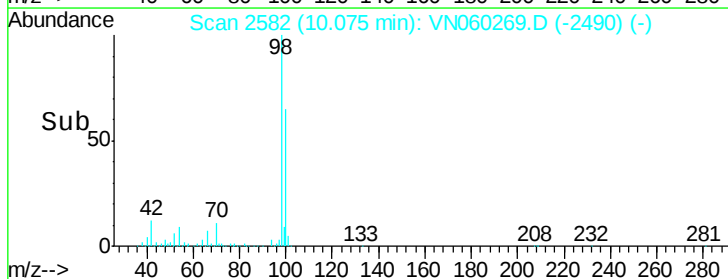
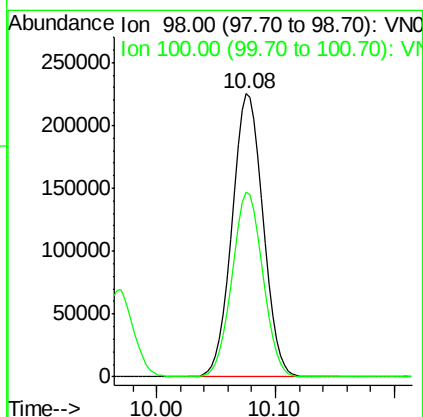
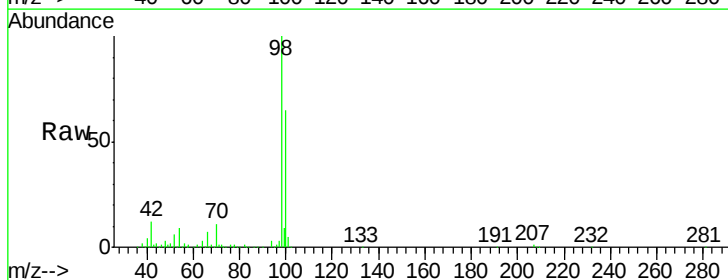
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

Tgt Ion: 88 Resp: 38320
 Ion Ratio Lower Upper
 88 100
 43 35.4 30.4 45.6
 58 71.0 57.0 85.6



#50
 Toluene-d8
 Concen: 48.64 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 98 Resp: 406143
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 267.04 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

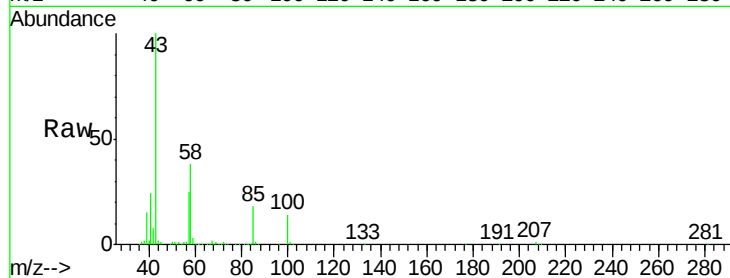
ICVVN022720

Tgt Ion: 43 Resp: 850117

Ion Ratio Lower Upper

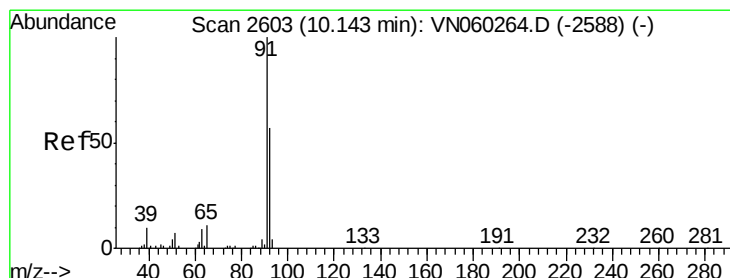
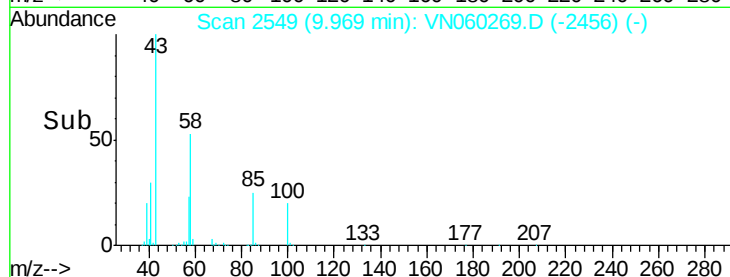
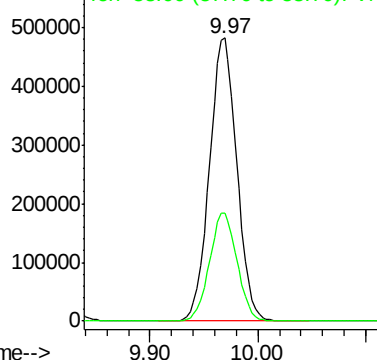
43 100

58 38.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.50 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060269.D

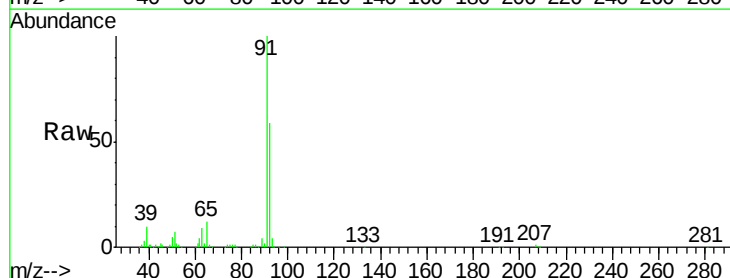
Acq: 27 Feb 2020 14:12

Tgt Ion: 92 Resp: 325141

Ion Ratio Lower Upper

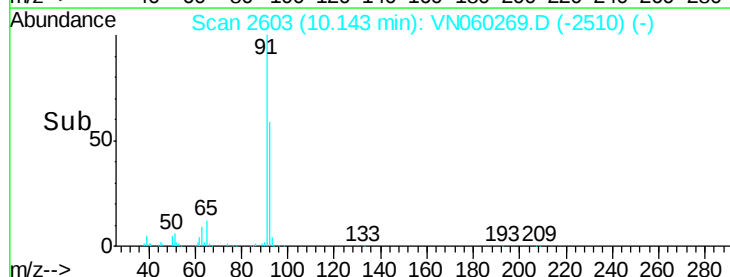
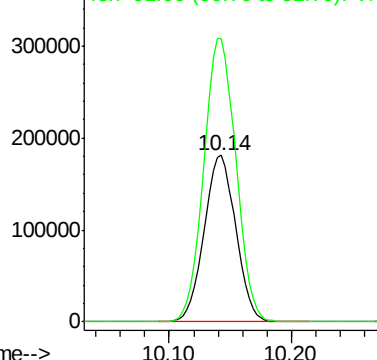
92 100

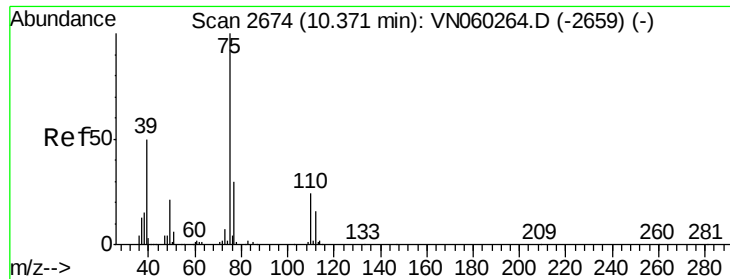
91 172.8 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.61 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

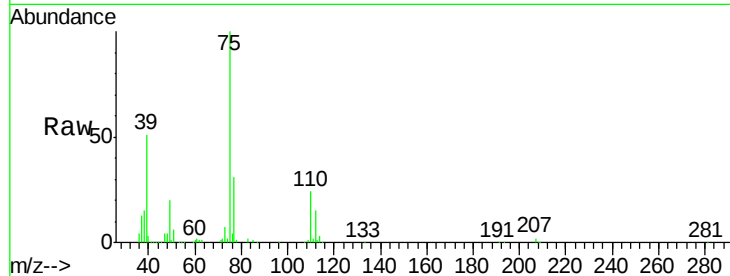
ICVVN022720

Tgt Ion: 75 Resp: 215112

Ion Ratio Lower Upper

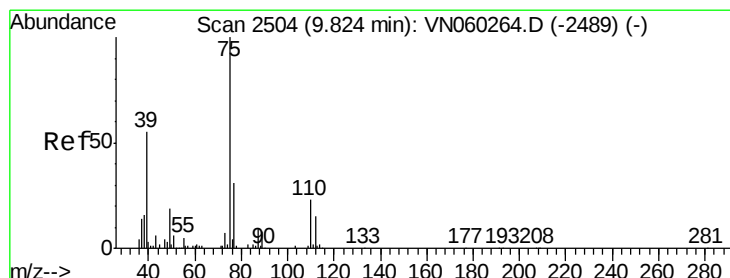
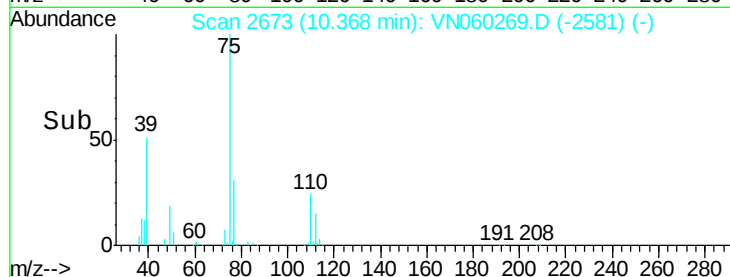
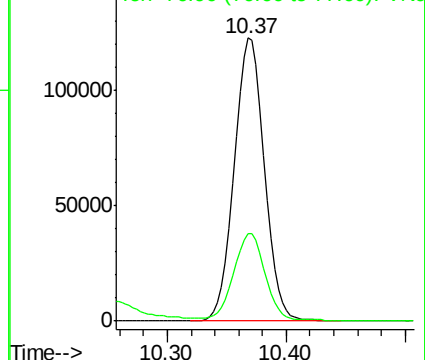
75 100

77 30.6 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: 52.58 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

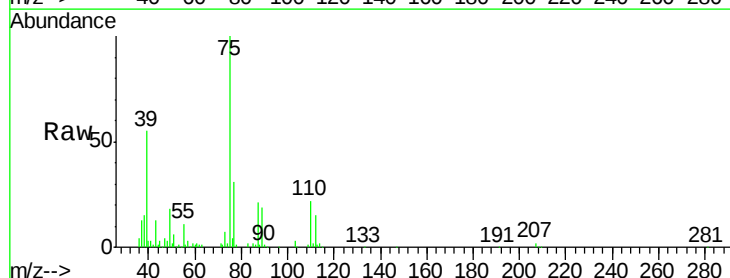
Tgt Ion: 75 Resp: 227077

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

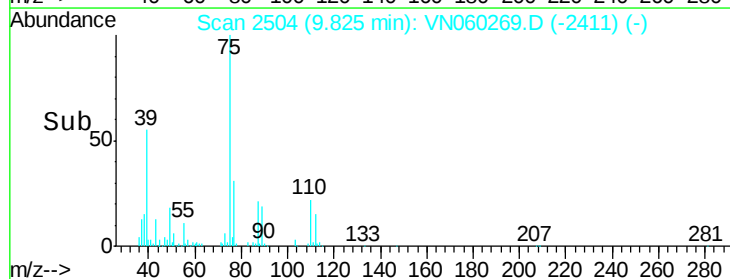
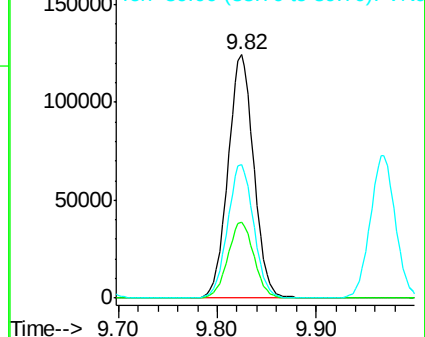
39 54.7 43.8 65.8

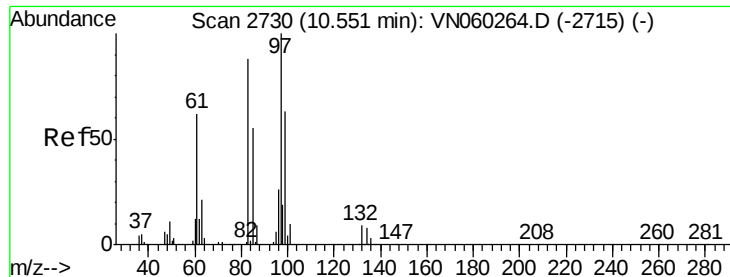


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

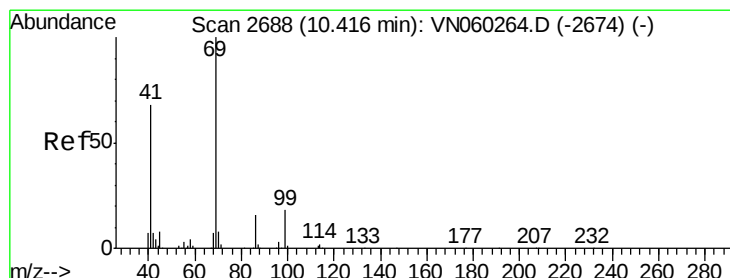
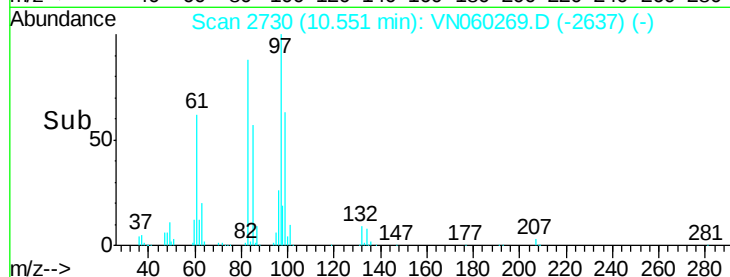
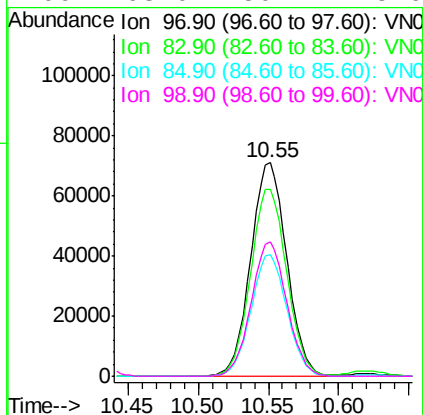
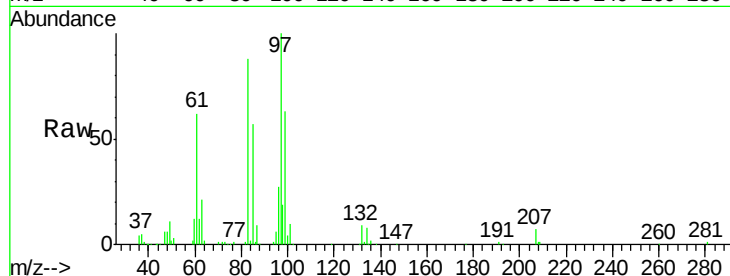




#55
 1,1,2-Trichloroethane
 Concen: 51.17 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

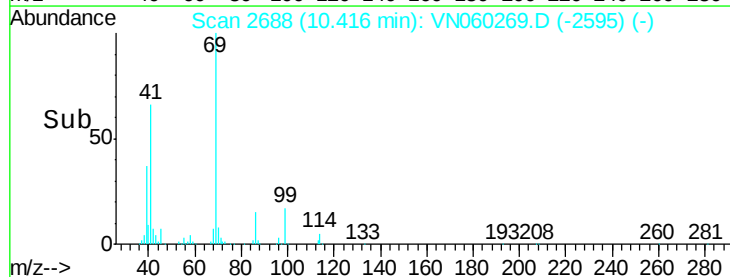
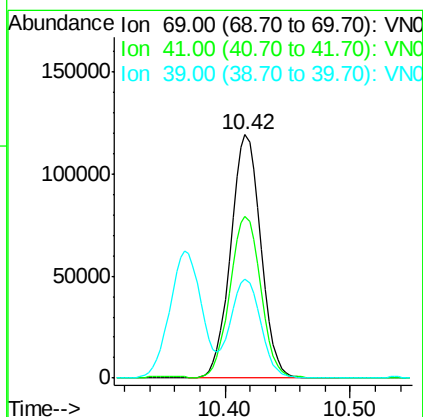
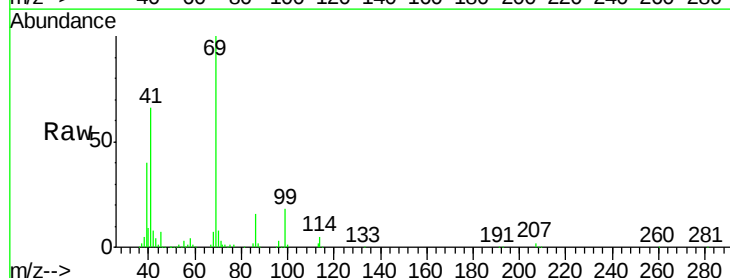
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN022720

Tgt Ion: 97 Resp: 127428
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.0 105.0
 85 56.9 44.0 66.0
 99 63.0 50.4 75.6



#56
 Ethyl methacrylate
 Concen: 55.63 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 69 Resp: 199032
 Ion Ratio Lower Upper
 69 100
 41 67.6 54.1 81.1
 39 40.9 32.5 48.7





#57

1,3-Dichloropropane

Concen: 52.49 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

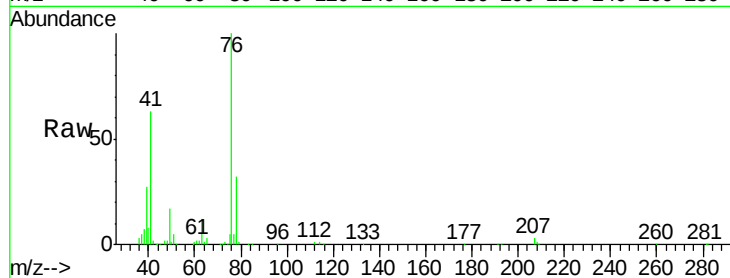
ICVVN022720

Tgt Ion: 76 Resp: 213185

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

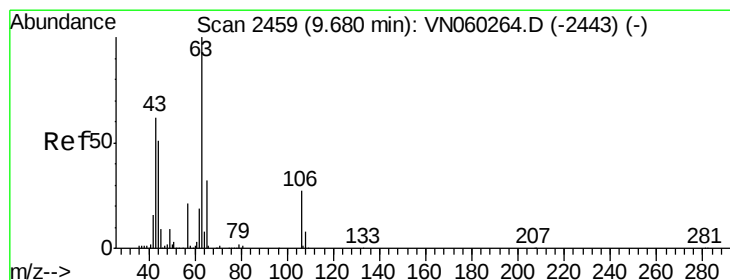
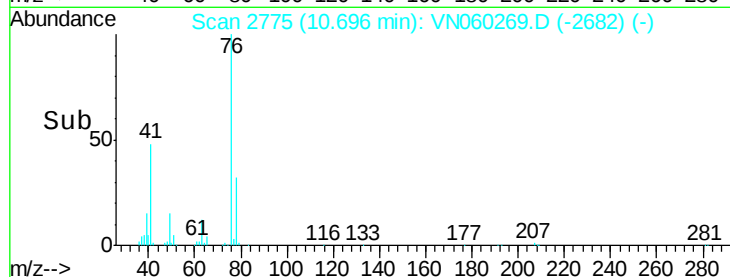
10.70

100000

50000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 262.03 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060269.D

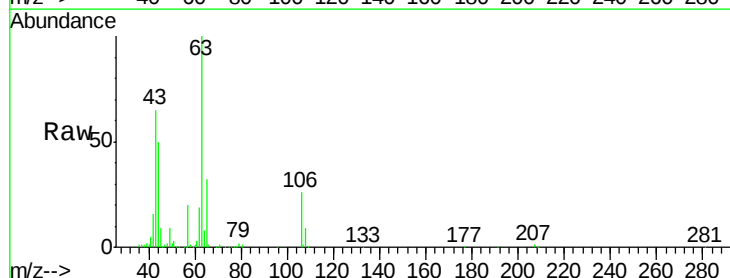
Acq: 27 Feb 2020 14:12

Tgt Ion: 63 Resp: 490328

Ion Ratio Lower Upper

63 100

106 26.7 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

300000

250000

200000

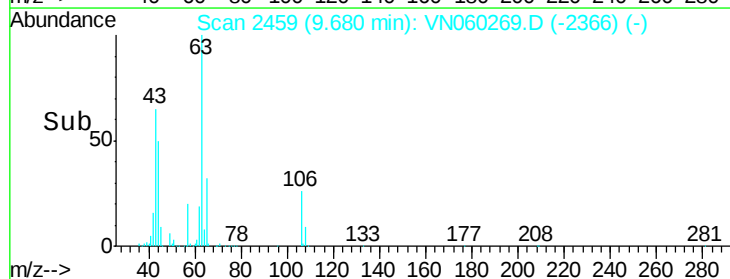
150000

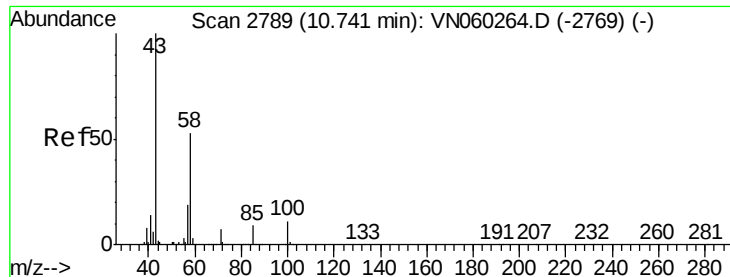
100000

50000

0

Time--> 9.60 9.70 9.80

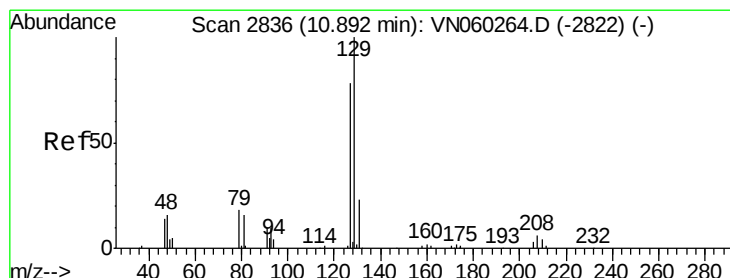
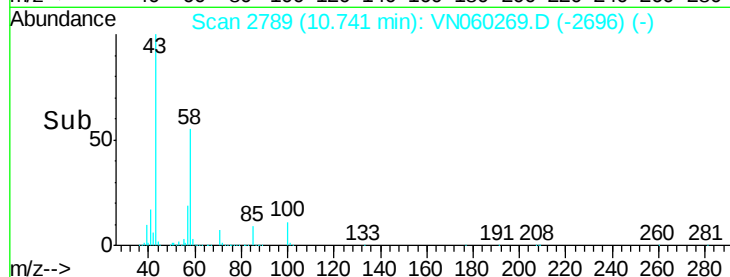
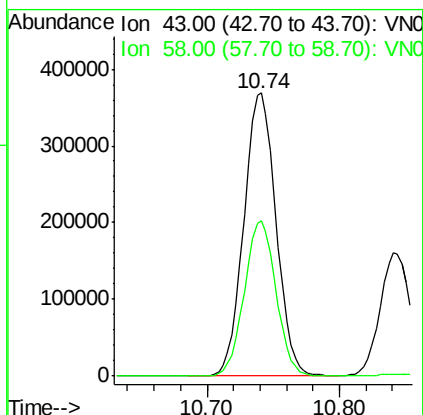
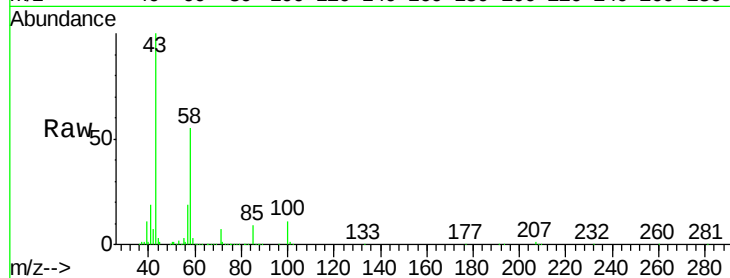




#59
2-Hexanone
Concen: 265.04 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

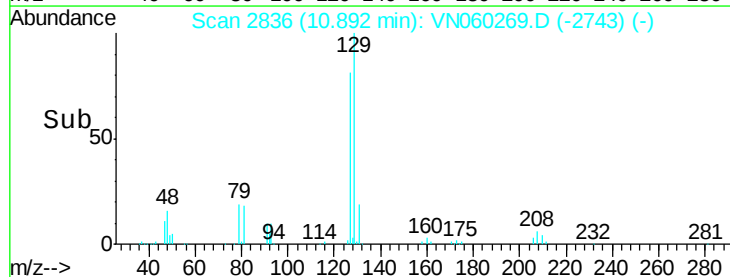
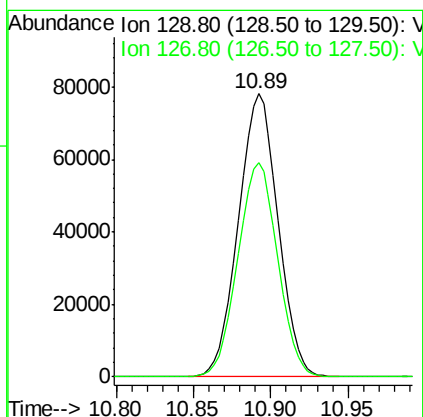
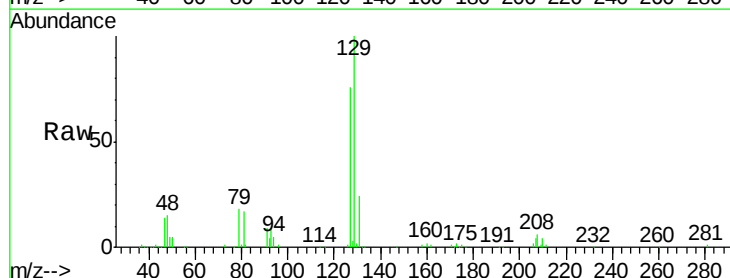
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

Tgt Ion: 43 Resp: 619513
Ion Ratio Lower Upper
43 100
58 54.1 26.5 79.5



#60
Dibromochloromethane
Concen: 55.01 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 129 Resp: 139315
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.7

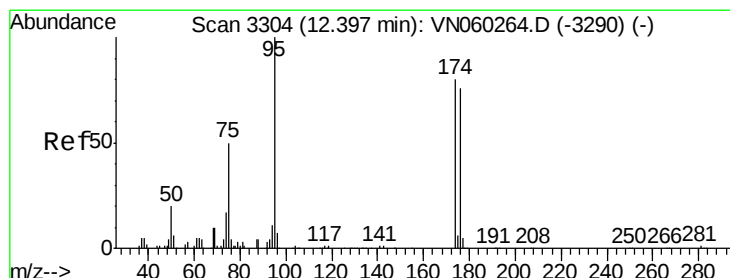
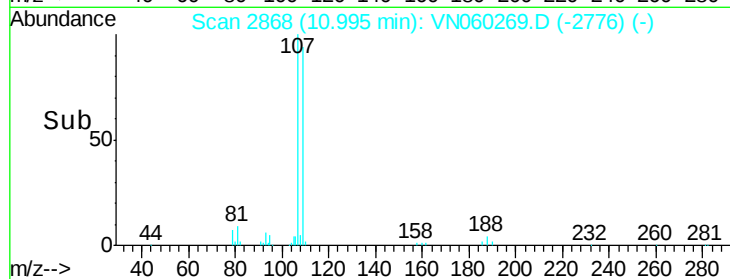
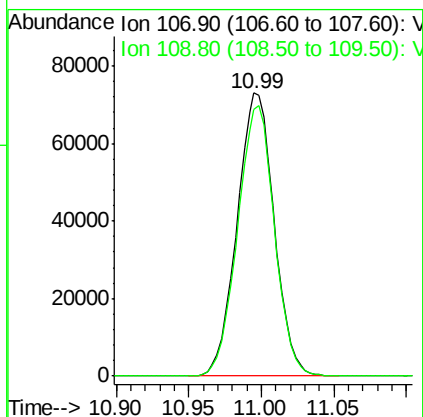
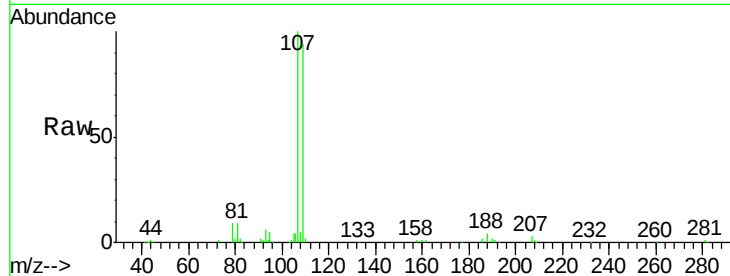




#61
 1,2-Dibromoethane
 Concen: 53.31 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

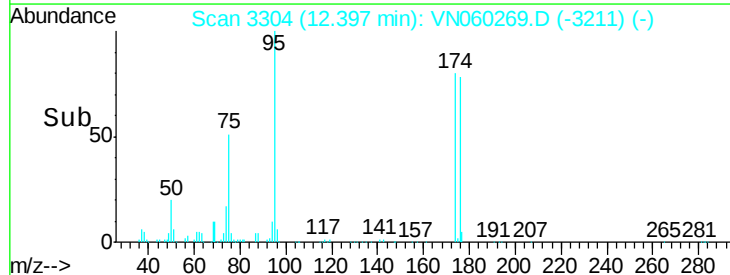
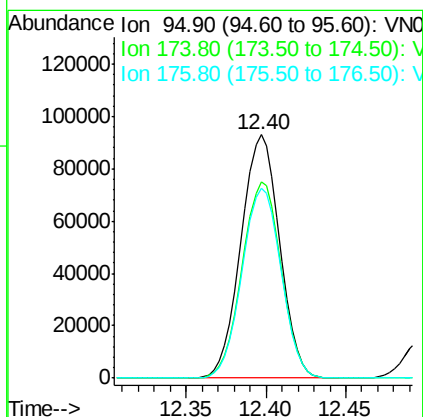
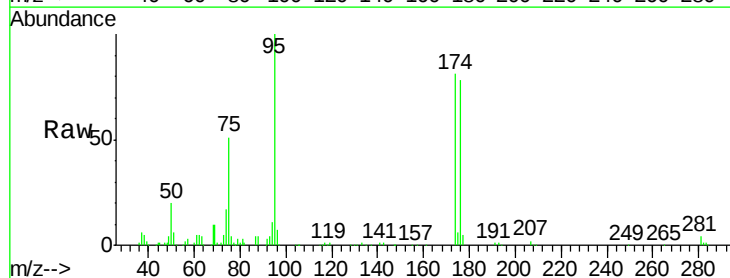
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

Tgt Ion: 107 Resp: 129424
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 48.41 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion: 95 Resp: 153219
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 159.2
 176 79.0 0.0 153.8

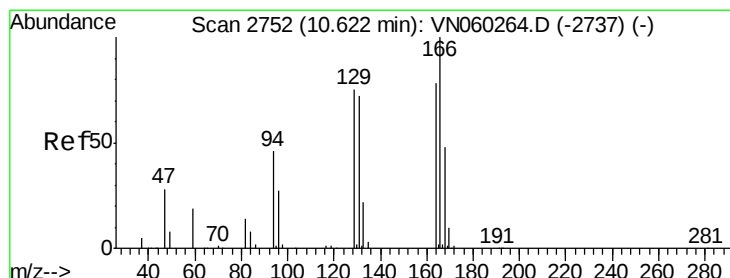
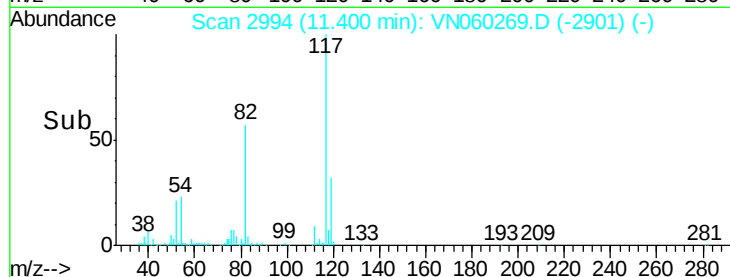
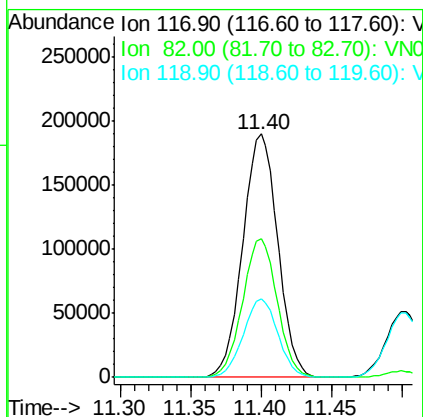
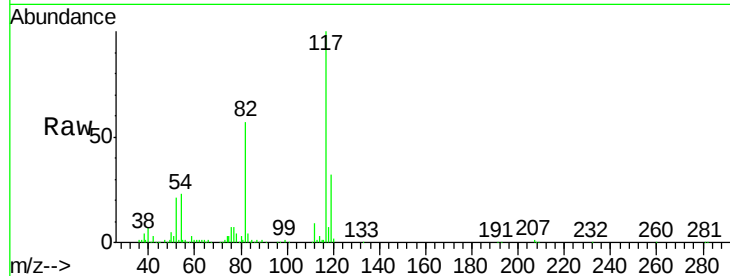




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

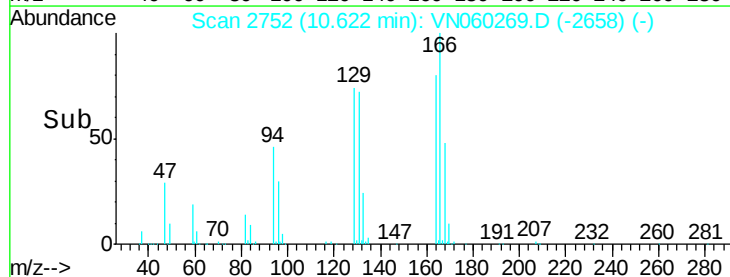
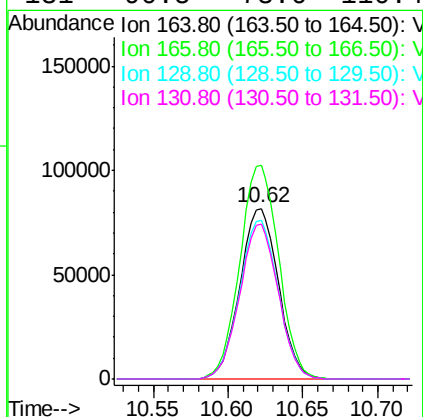
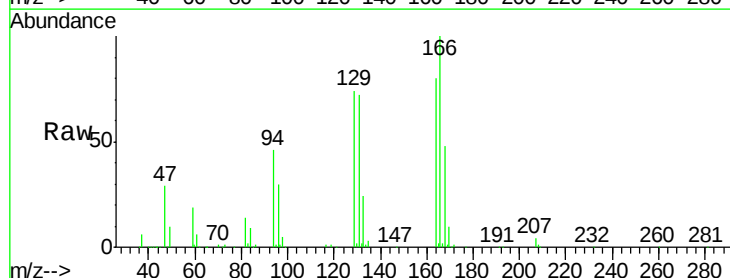
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

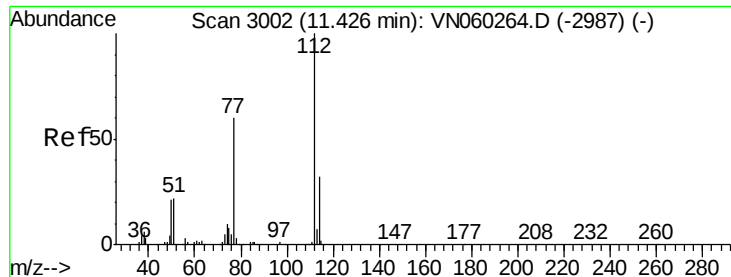
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.8	68.6
119	32.2	25.8	38.8



#64
Tetrachloroethene
Concen: 56.43 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.0	153.0
129	93.1	76.4	114.6
131	90.5	73.6	110.4





#65

Chlorobenzene

Concen: 51.52 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

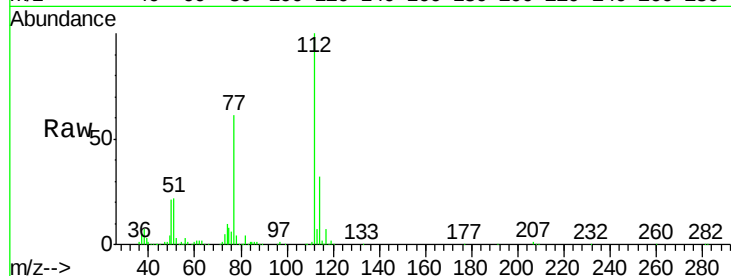
ICVVN022720

Tgt Ion:112 Resp: 343212

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

200000

150000

100000

50000

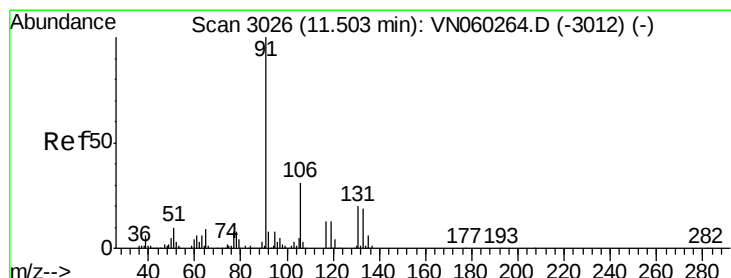
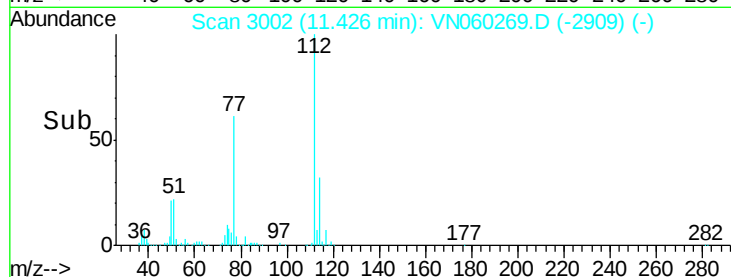
0

11.43

11.40

11.50

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.61 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

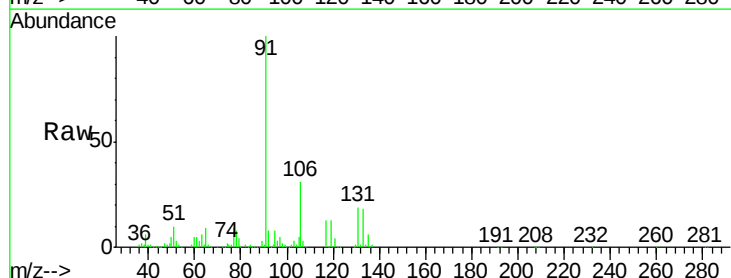
Tgt Ion:131 Resp: 132064

Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

119 65.8 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

100000

80000

60000

40000

20000

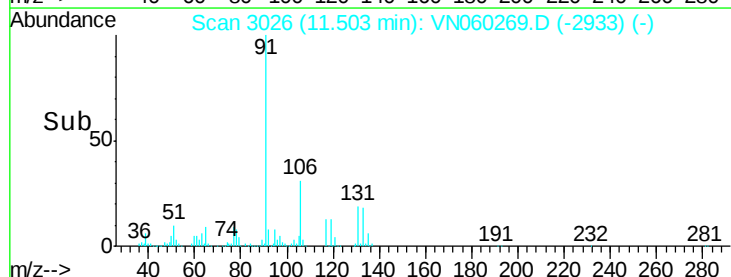
0

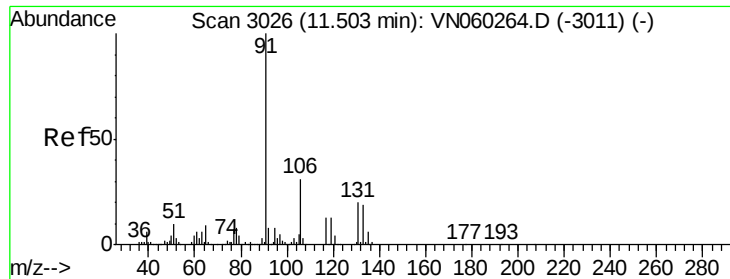
11.50

11.45

11.55

Time-->





#67

Ethyl Benzene

Concen: 53.13 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

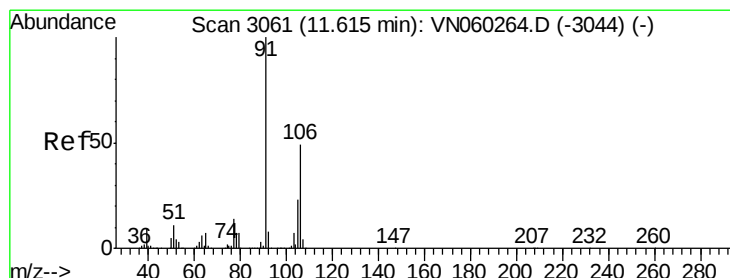
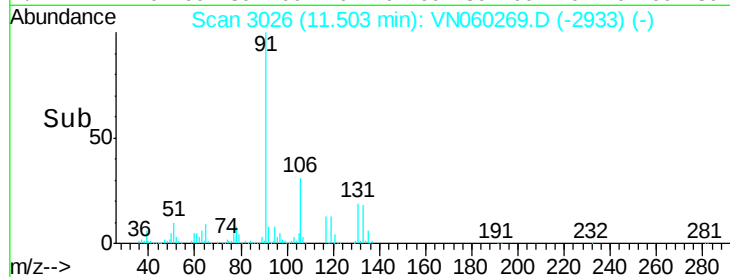
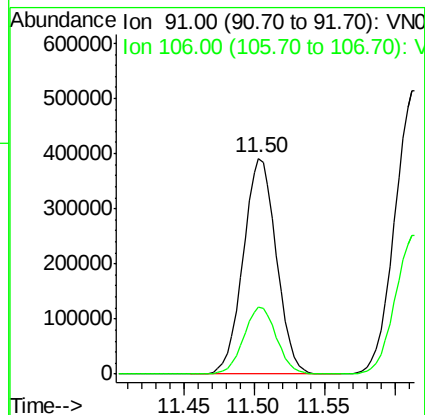
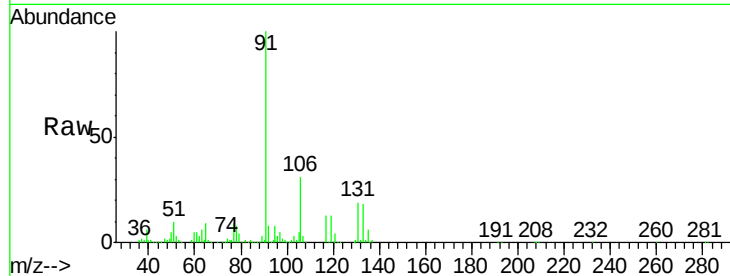
ICVVN022720

Tgt Ion: 91 Resp: 644620

Ion Ratio Lower Upper

91 100

106 30.9 24.7 37.1



#68

m/p-Xylenes

Concen: 104.73 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060269.D

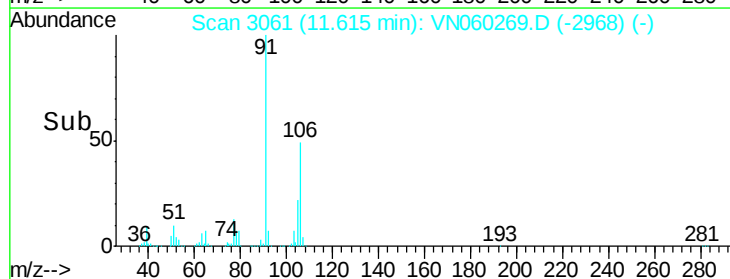
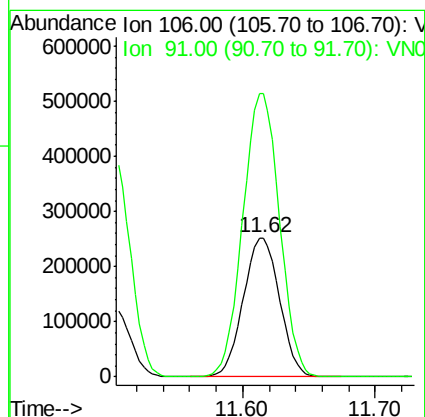
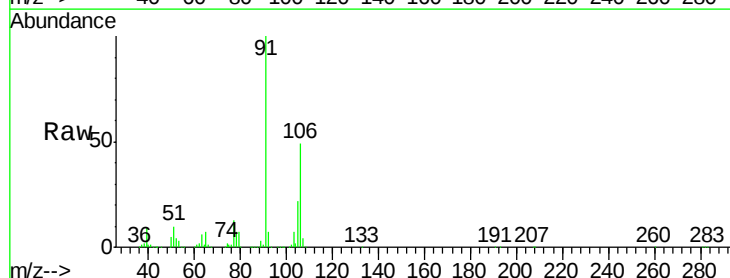
Acq: 27 Feb 2020 14:12

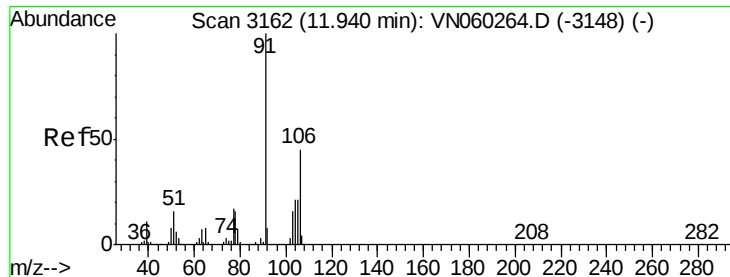
Tgt Ion: 106 Resp: 479364

Ion Ratio Lower Upper

106 100

91 205.6 164.5 246.7

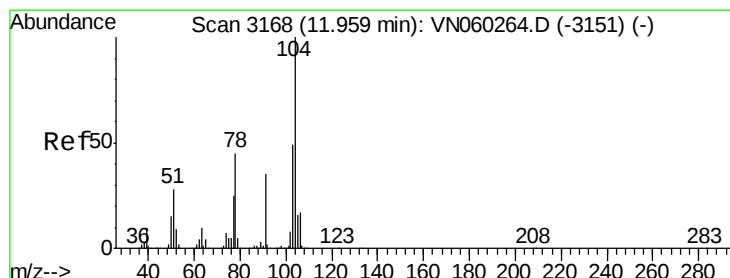
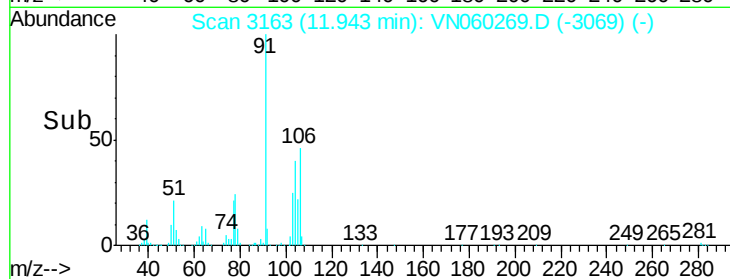
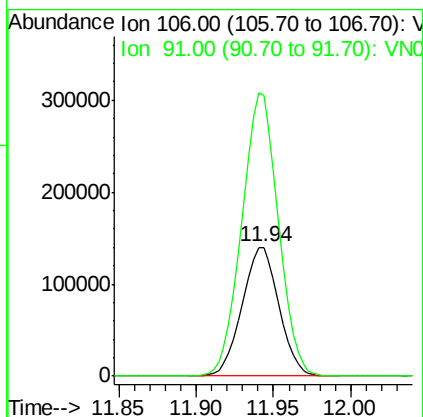
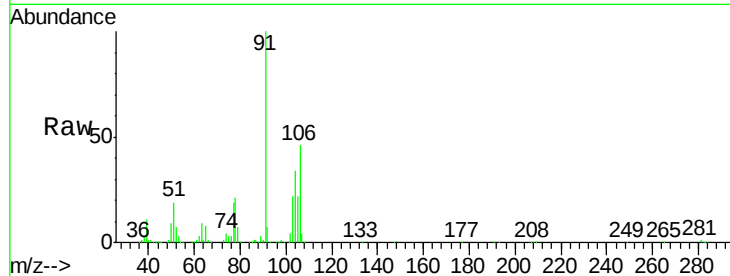




#69
o-Xylene
Concen: 53.23 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

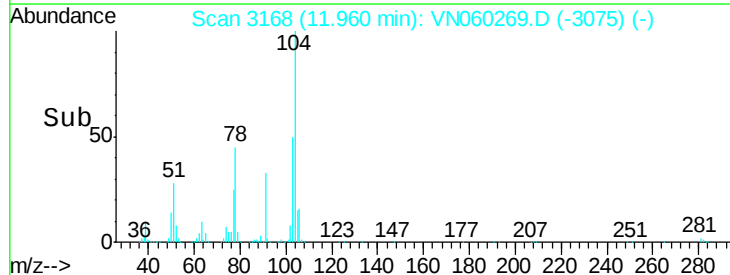
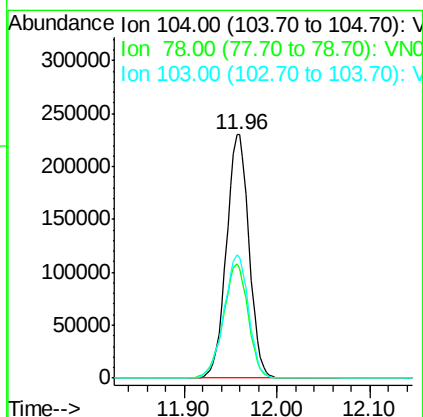
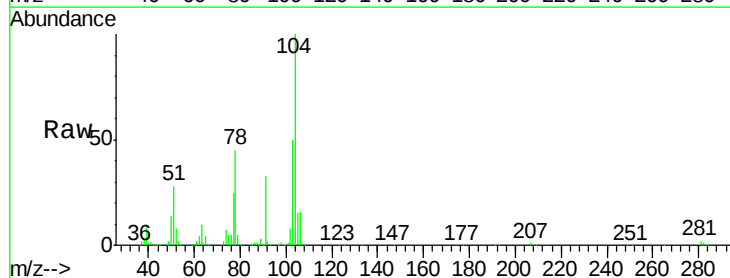
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

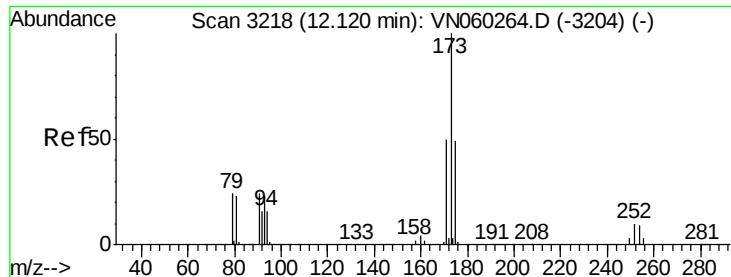
Tgt Ion:106 Resp: 232360
Ion Ratio Lower Upper
106 100
91 217.5 109.5 328.4



#70
Styrene
Concen: 54.17 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion:104 Resp: 388777
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 55.0 43.9 65.9





#71

Bromoform

Concen: 55.83 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

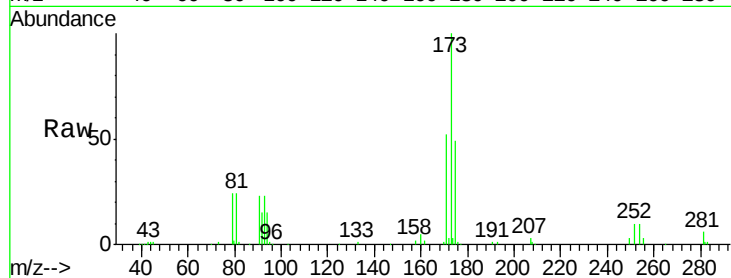
Tgt Ion:173 Resp: 99106

Ion Ratio Lower Upper

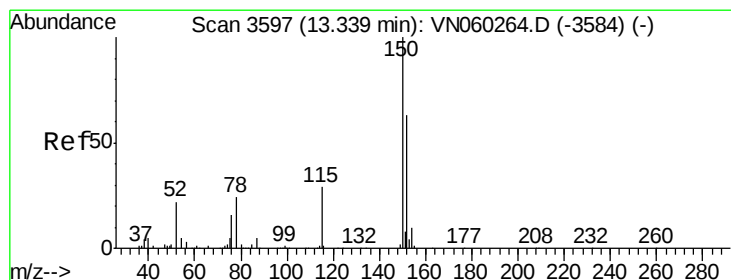
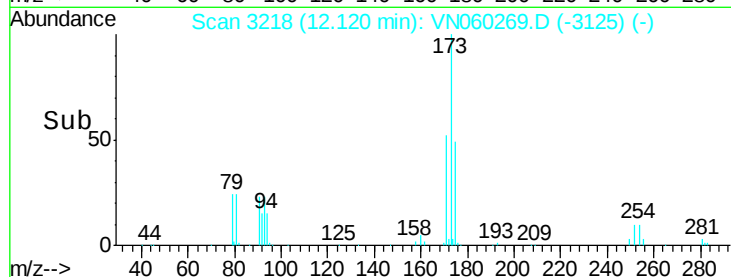
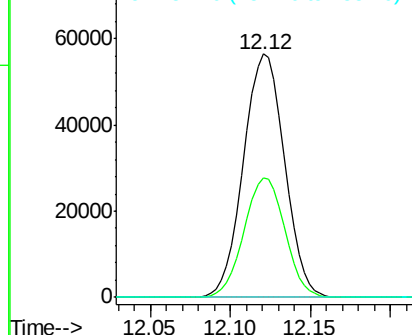
173 100

175 48.8 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: VN060269.D

Acq: 27 Feb 2020 14:12

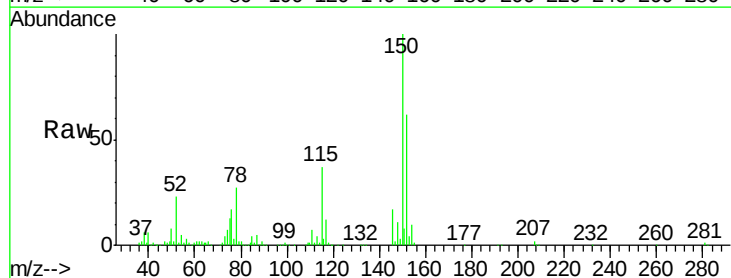
Tgt Ion:152 Resp: 161486

Ion Ratio Lower Upper

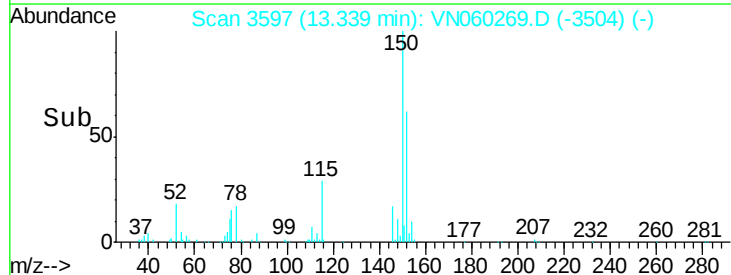
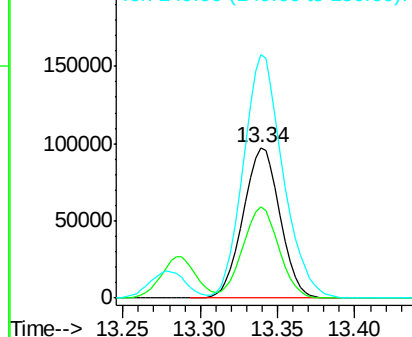
152 100

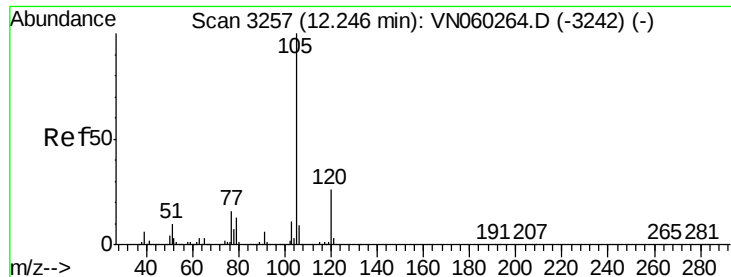
115 59.5 30.0 90.0

150 173.8 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: 52.76 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

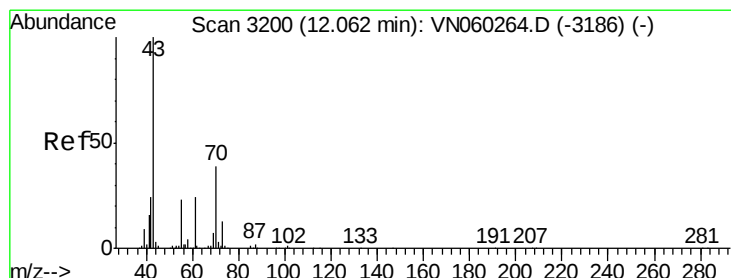
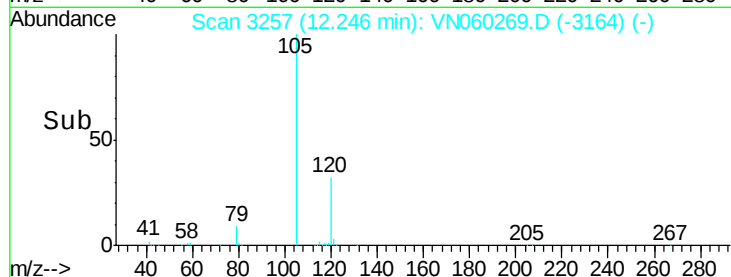
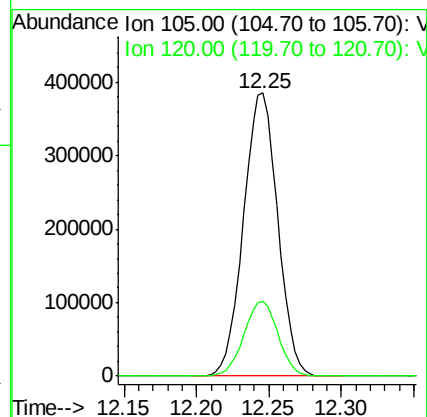
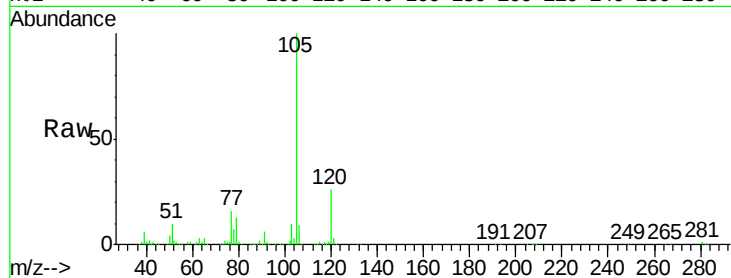
ICVVN022720

Tgt Ion: 105 Resp: 631459

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#74

N-ethyl acetate

Concen: 51.46 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Tgt Ion: 43 Resp: 269140

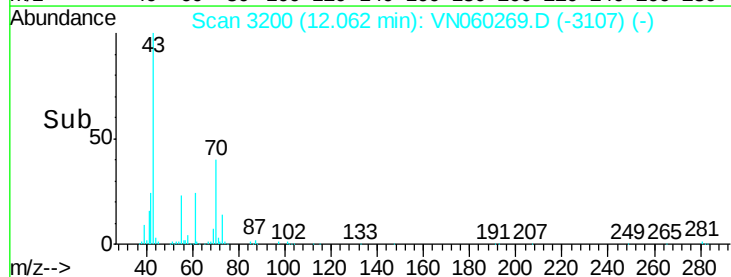
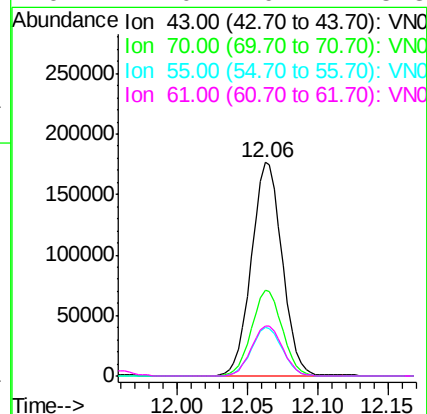
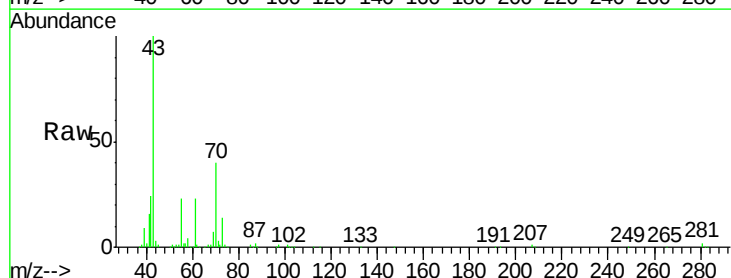
Ion Ratio Lower Upper

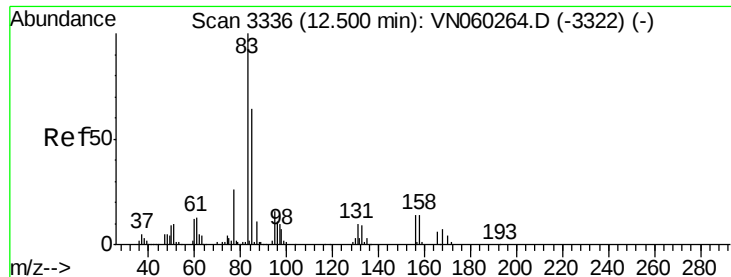
43 100

70 40.2 32.2 48.2

55 23.1 18.2 27.4

61 24.0 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.75 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

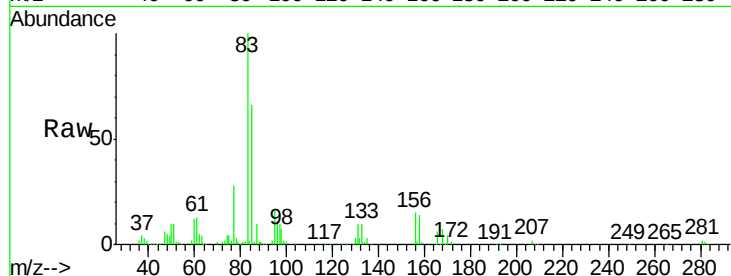
Tgt Ion: 83 Resp: 168376

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

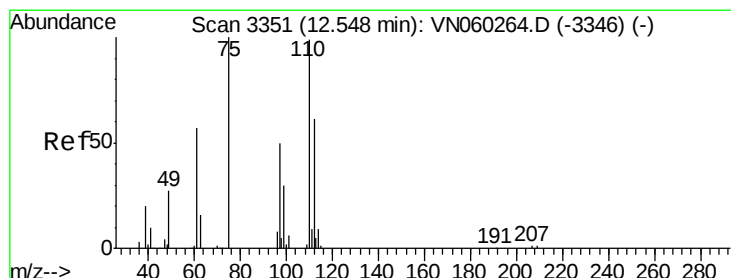
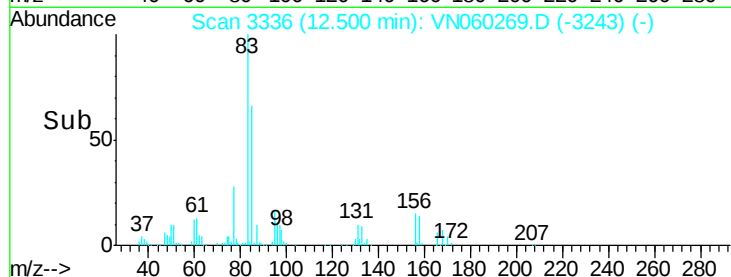
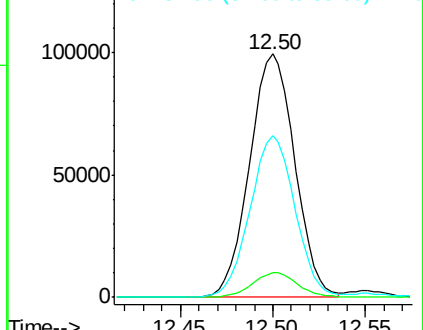
85 65.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060269.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060269.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060269.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 70.16 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060269.D

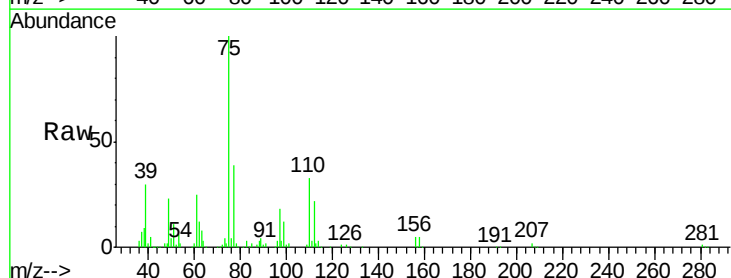
Acq: 27 Feb 2020 14:12

Tgt Ion: 75 Resp: 248570

Ion Ratio Lower Upper

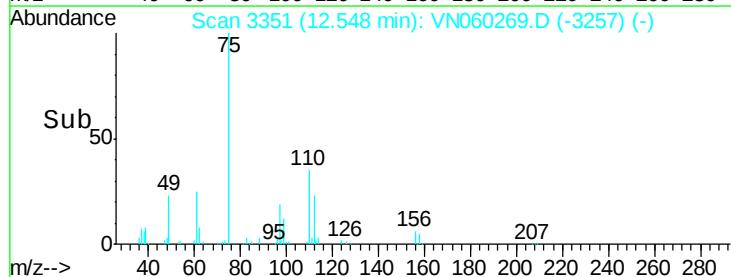
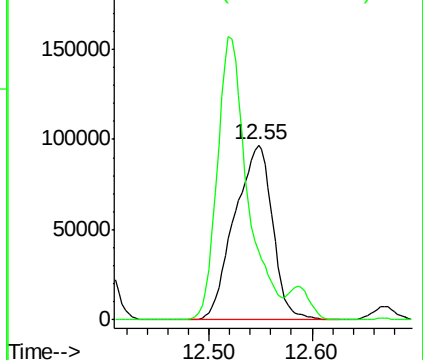
75 100

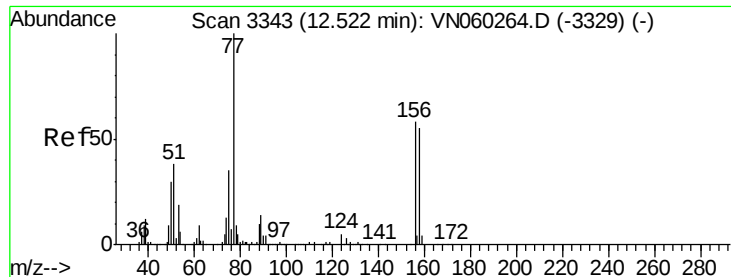
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060269.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060269.D (-3351) (-)





#77

Bromobenzene

Concen: 52.11 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

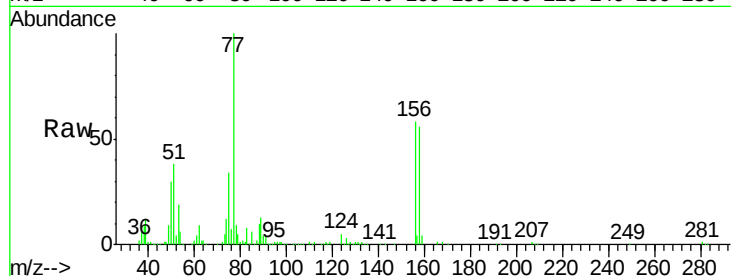
Tgt Ion:156 Resp: 152901

Ion Ratio Lower Upper

156 100

77 208.6 106.1 318.3

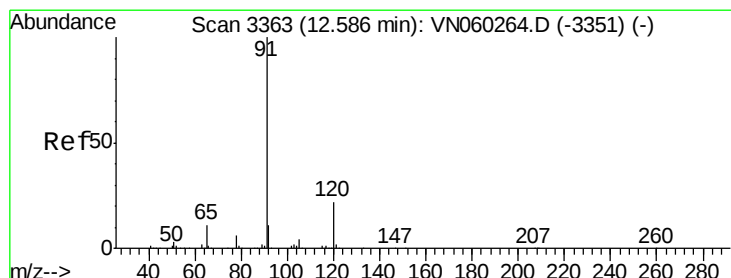
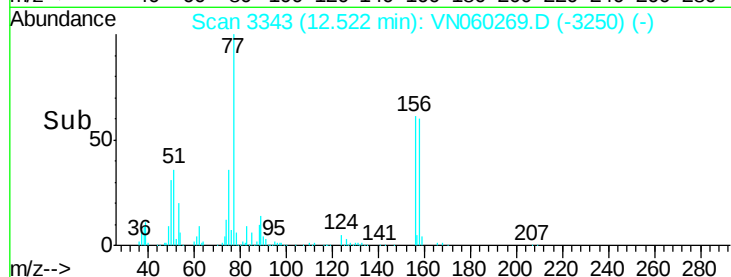
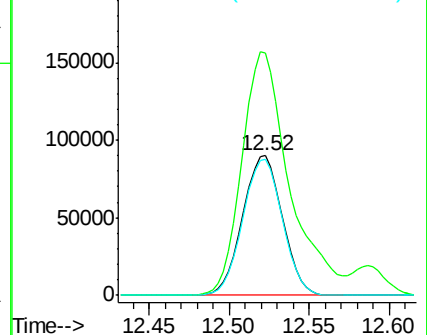
158 97.0 48.3 144.8



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: 52.66 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060269.D

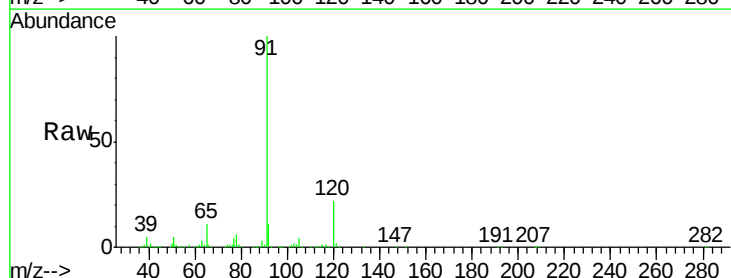
Acq: 27 Feb 2020 14:12

Tgt Ion: 91 Resp: 738759

Ion Ratio Lower Upper

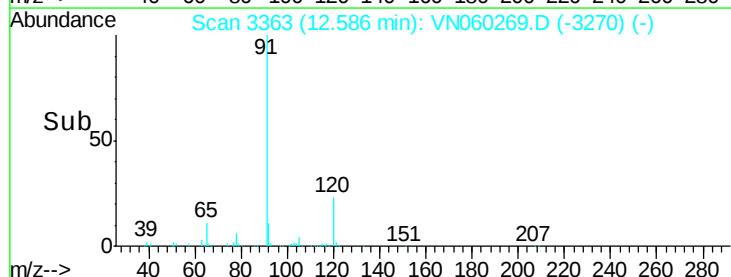
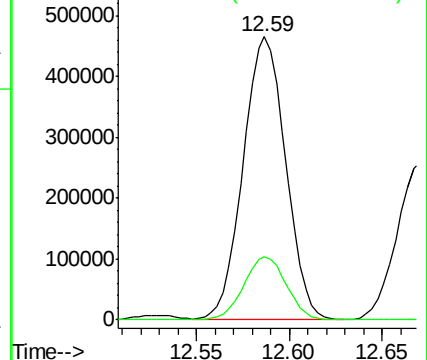
91 100

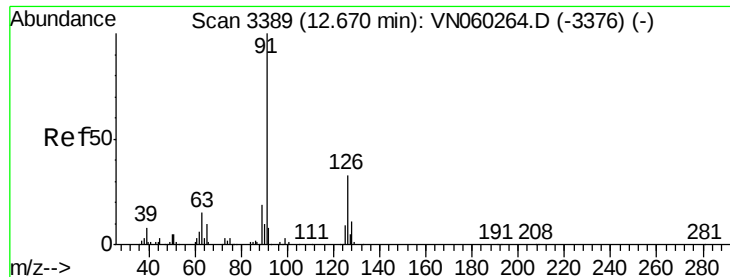
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.82 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

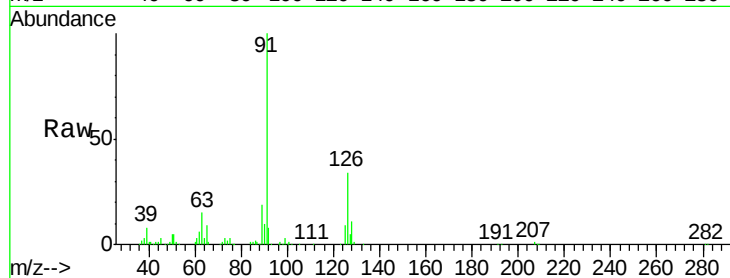
ICVVN022720

Tgt Ion: 91 Resp: 427343

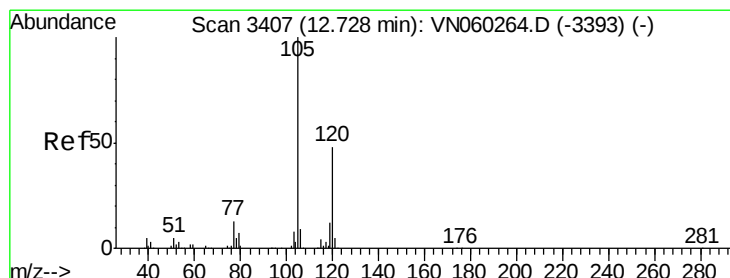
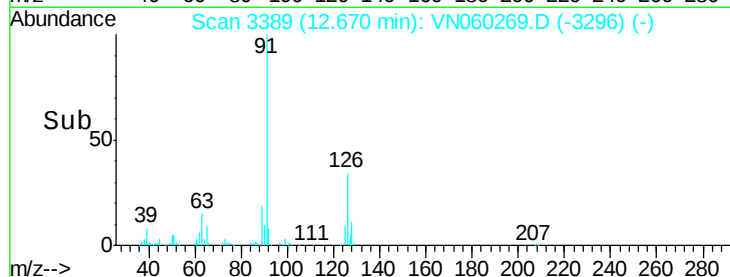
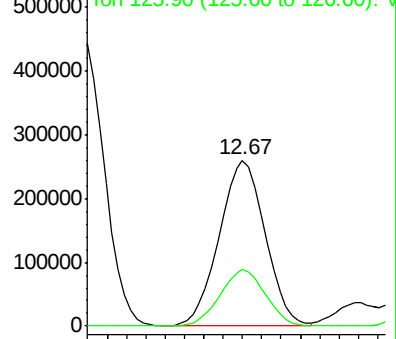
Ion Ratio Lower Upper

91 100

126 33.9 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060269.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.30 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060269.D

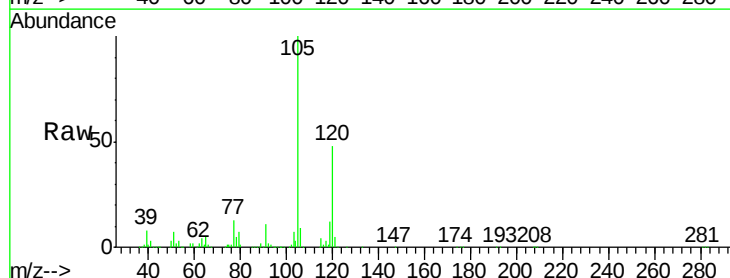
Acq: 27 Feb 2020 14:12

Tgt Ion: 105 Resp: 537128

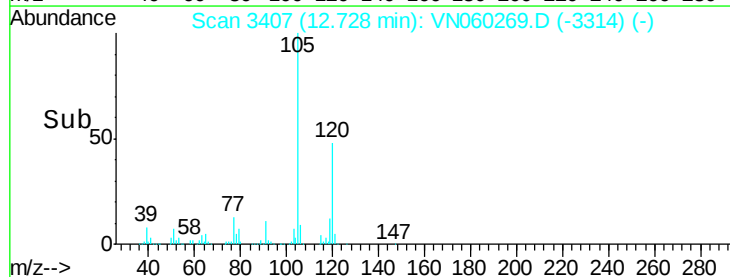
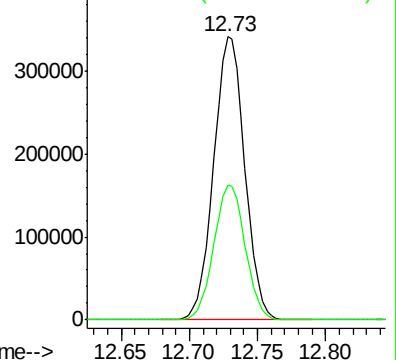
Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060269.D (-3393) (-)

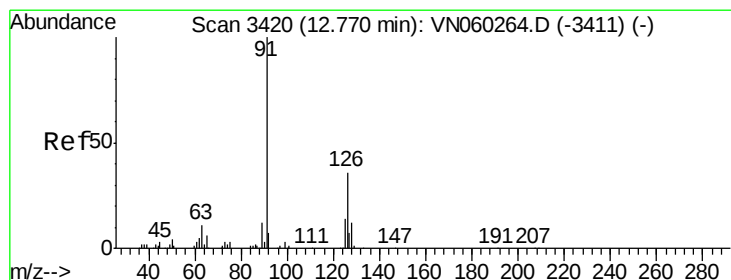
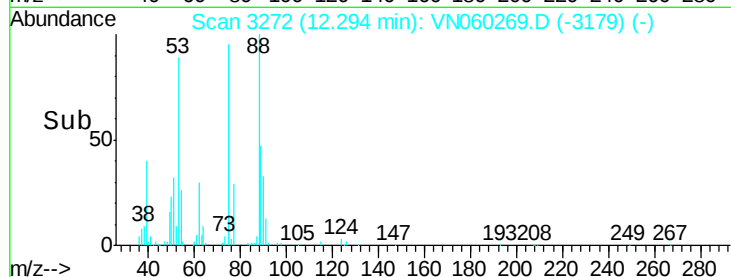
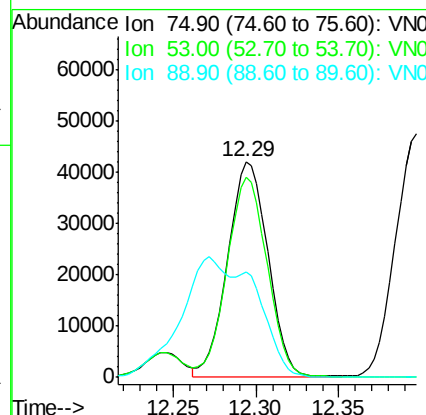
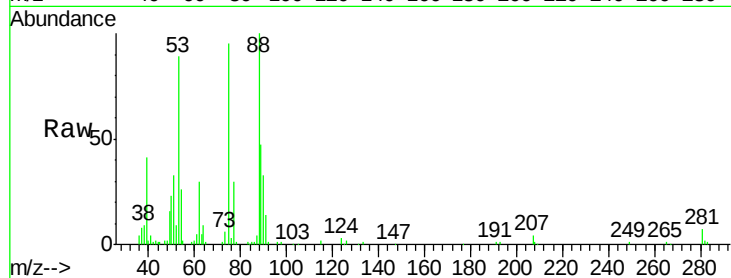




#81
trans-1,4-Dichloro-2-butene
Concen: 55.72 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

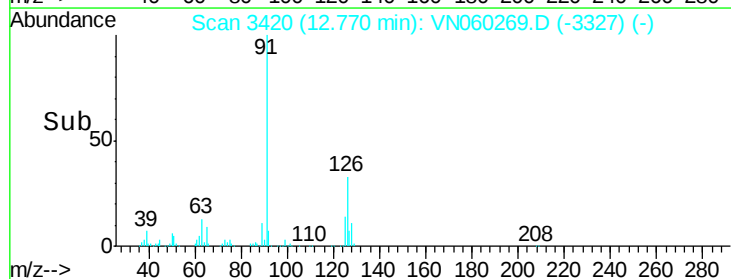
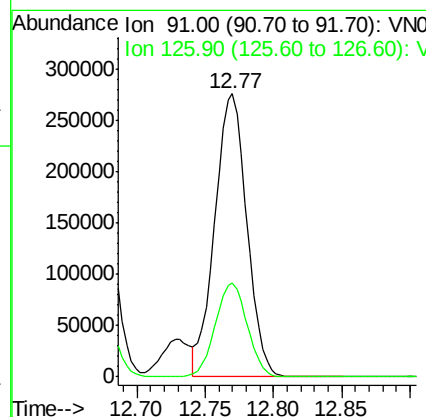
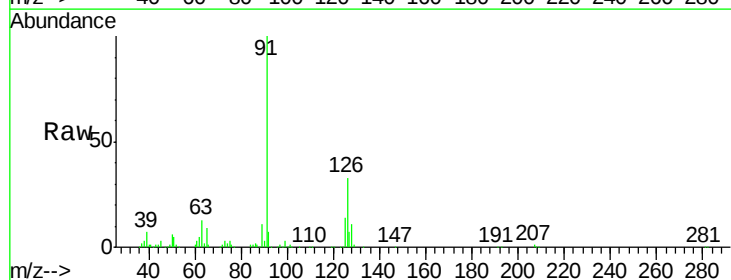
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

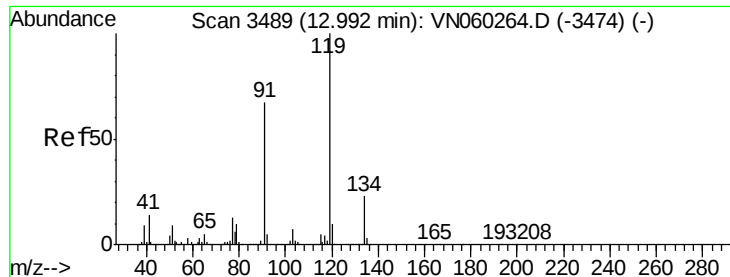
Tgt Ion: 75 Resp: 71520
Ion Ratio Lower Upper
75 100
53 92.7 73.8 110.6
89 0.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 51.62 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 91 Resp: 448524
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1





#83

tert-Butylbenzene

Concen: 53.02 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

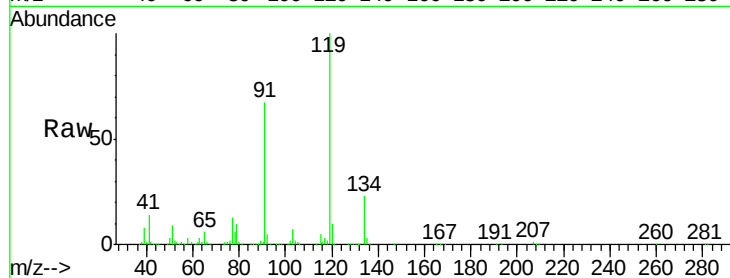
Tgt Ion:119 Resp: 462635

Ion Ratio Lower Upper

119 100

91 66.0 33.1 99.2

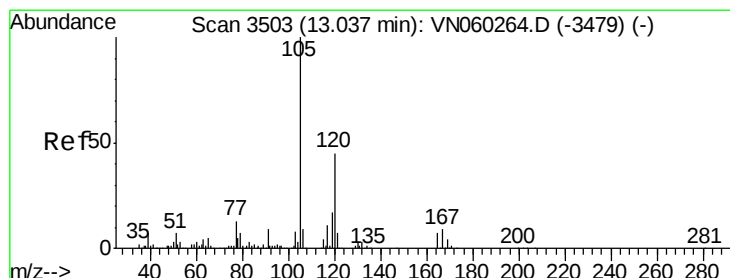
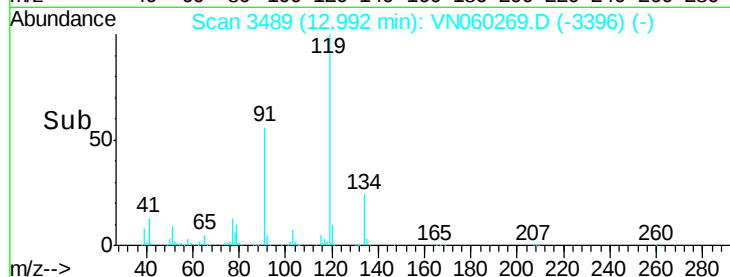
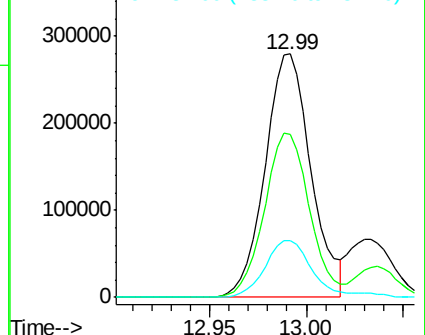
134 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.73 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060269.D

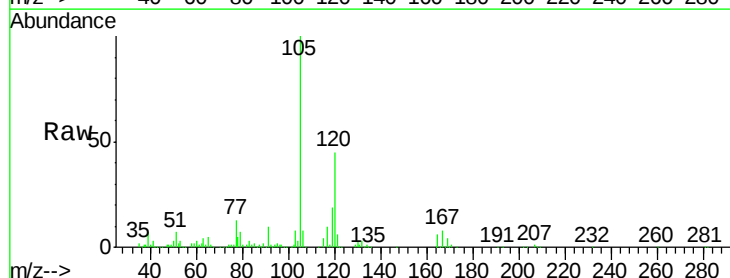
Acq: 27 Feb 2020 14:12

Tgt Ion:105 Resp: 536319

Ion Ratio Lower Upper

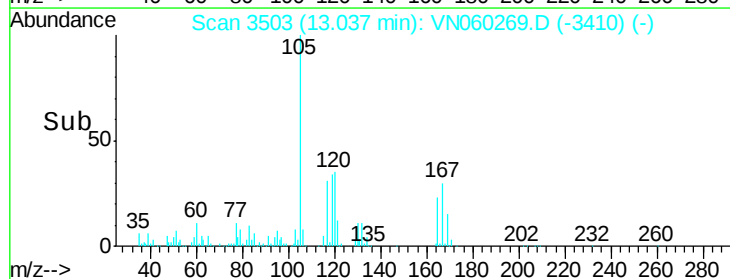
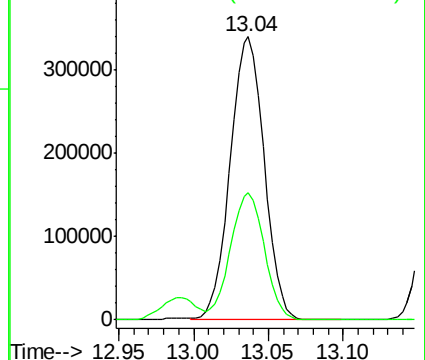
105 100

120 45.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

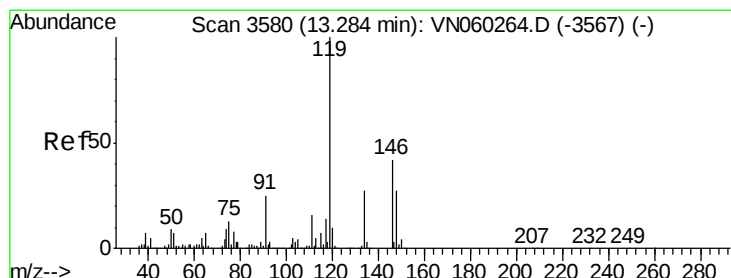
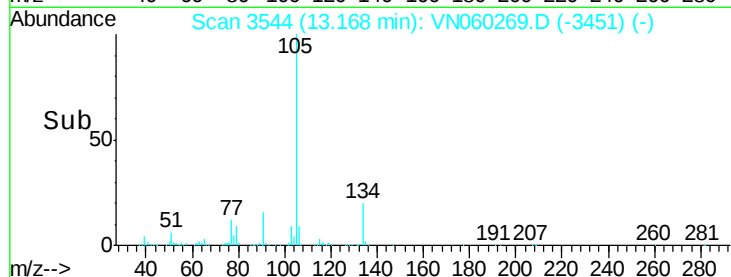
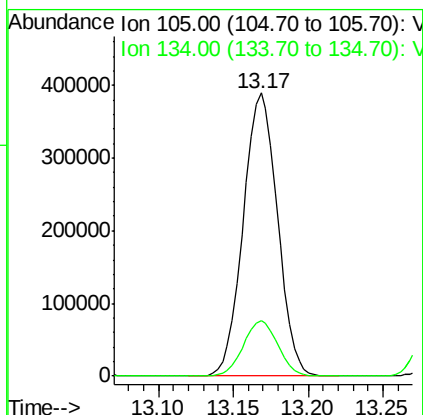
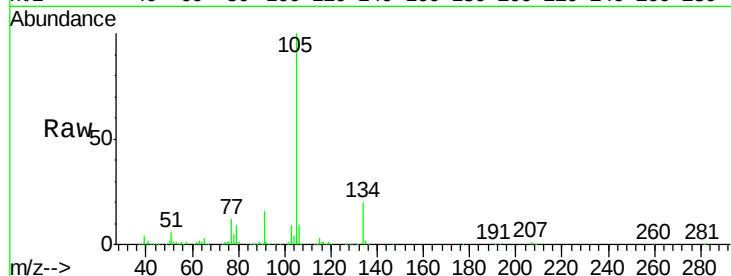




#85
 sec-Butylbenzene
 Concen: 53.15 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

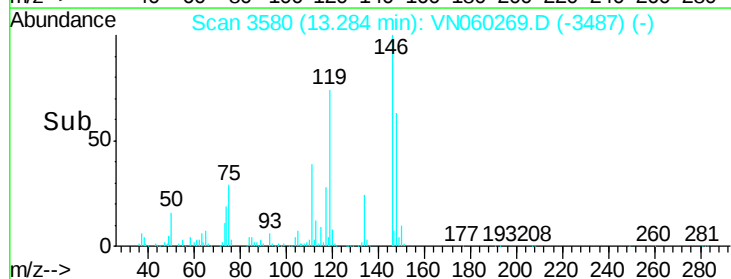
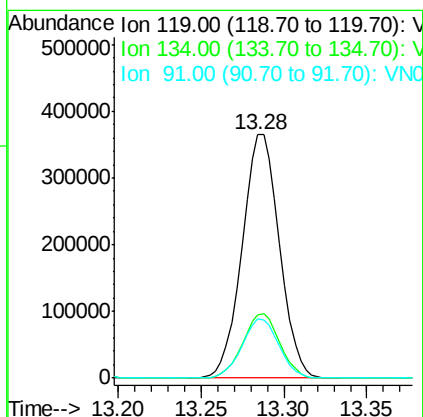
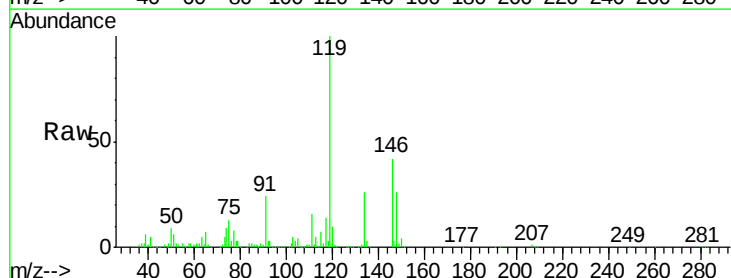
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

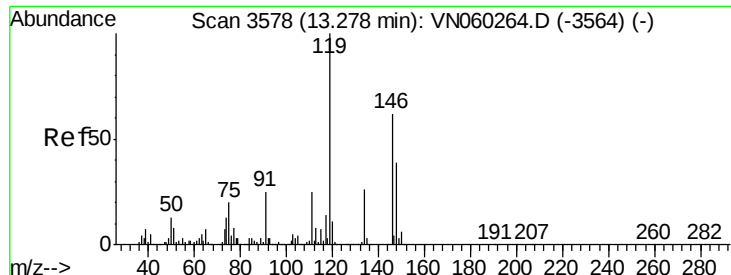
Tgt Ion:105 Resp: 621032
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 52.42 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion:119 Resp: 566834
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.2 12.2 36.6

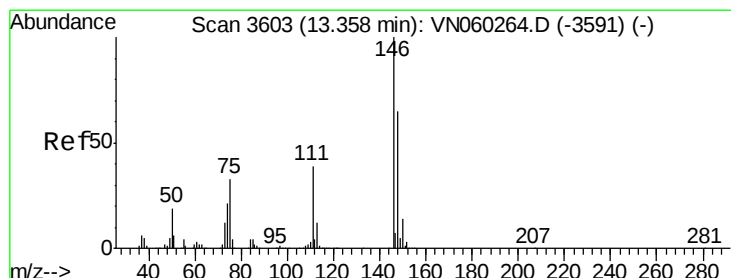
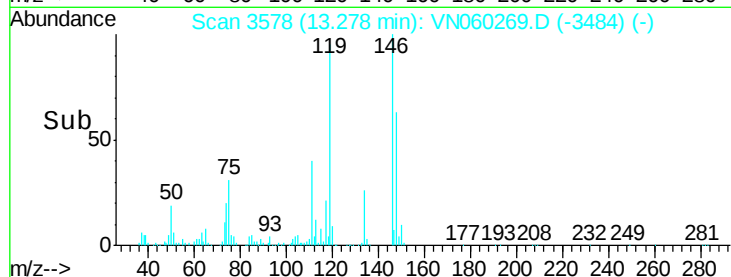
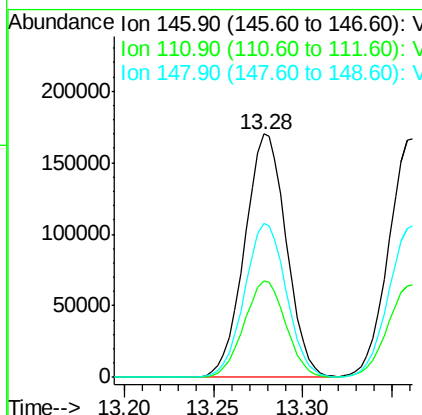
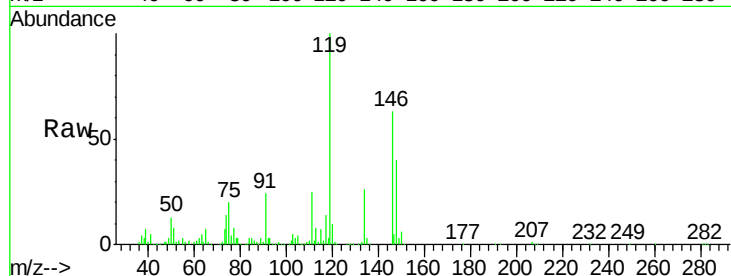




#87
 1,3-Dichlorobenzene
 Concen: 55.29 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

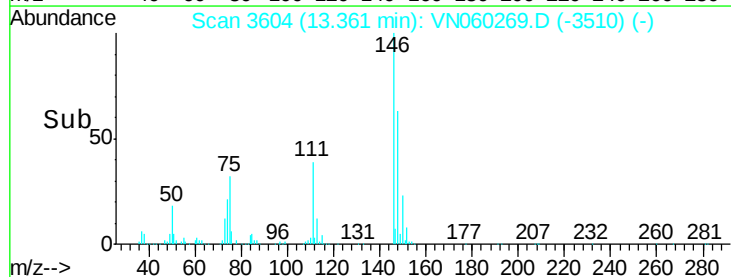
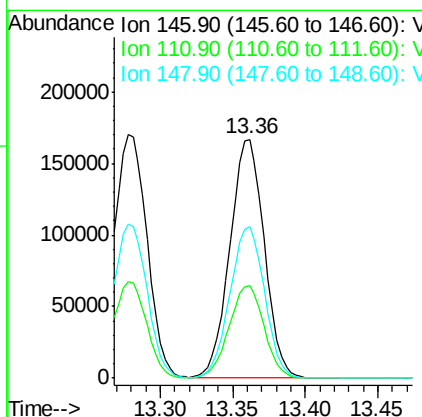
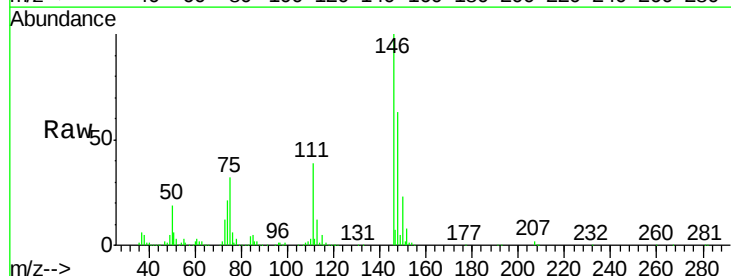
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022720

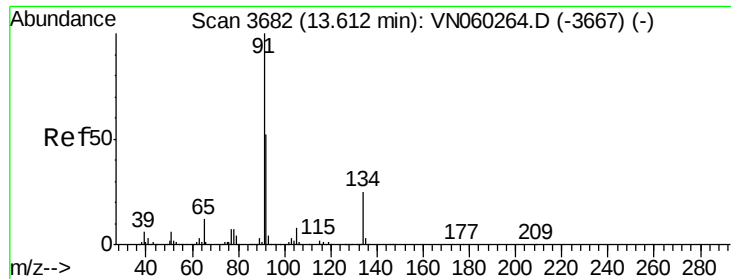
Tgt Ion:146 Resp: 278642
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.83 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion:146 Resp: 274699
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 64.0 32.3 96.9

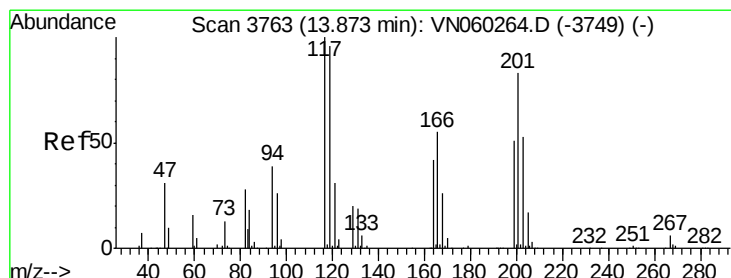
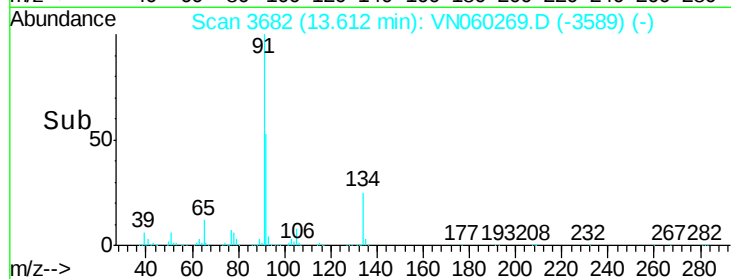
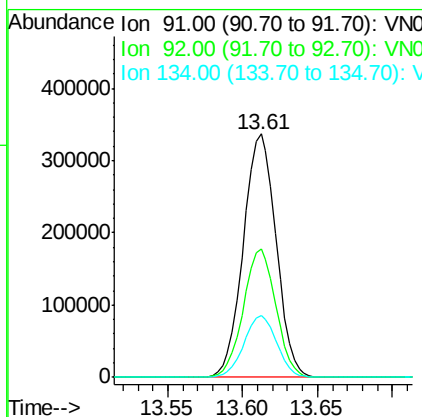
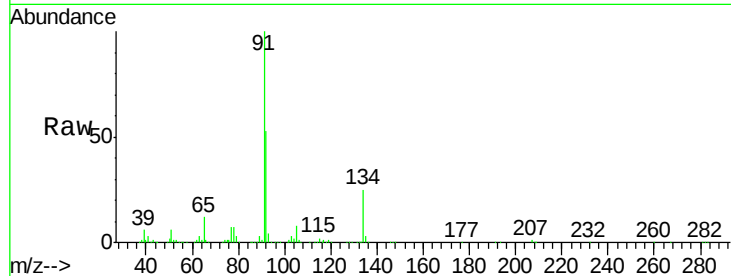




#89
n-Butylbenzene
Concen: 51.84 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

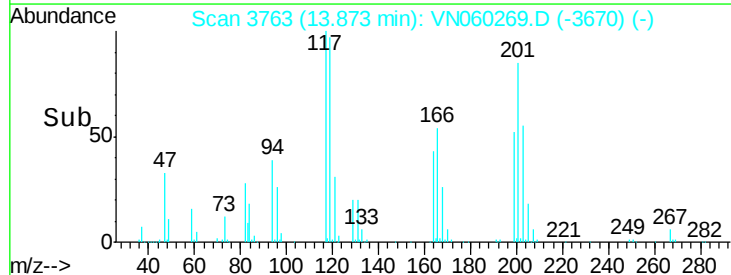
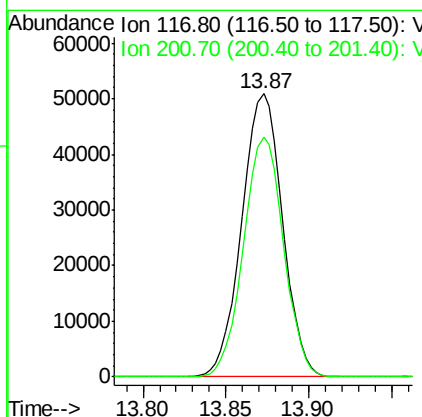
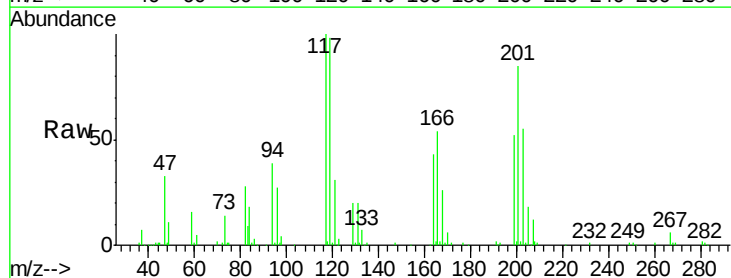
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022720

Tgt Ion: 91 Resp: 514611
Ion Ratio Lower Upper
91 100
92 52.1 26.0 78.0
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 55.62 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060269.D
Acq: 27 Feb 2020 14:12

Tgt Ion: 117 Resp: 87070
Ion Ratio Lower Upper
117 100
201 83.2 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 51.22 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

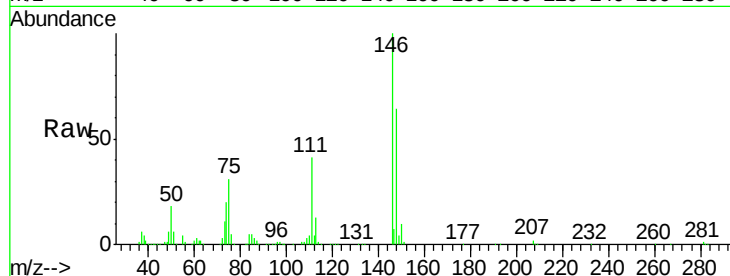
Tgt Ion:146 Resp: 263324

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

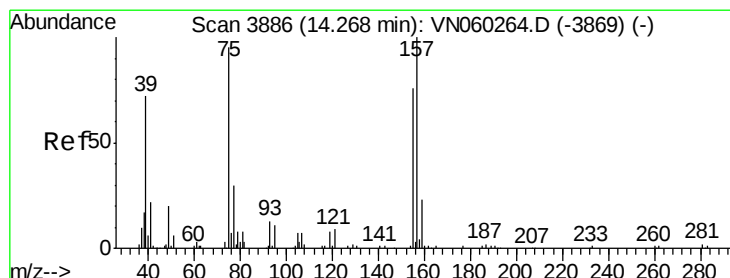
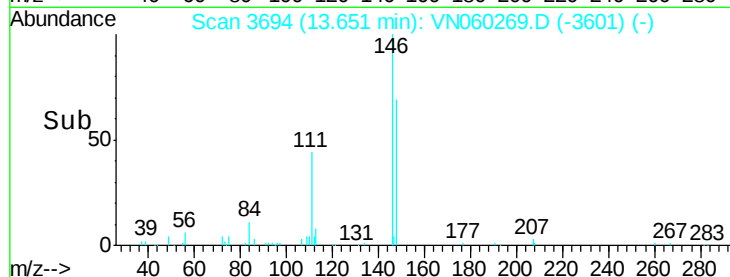
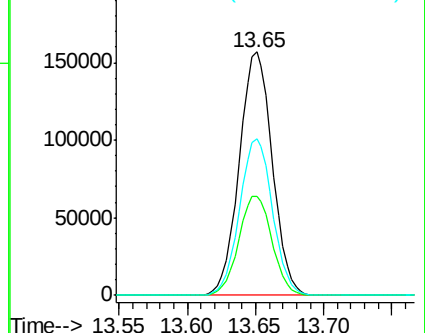
148 64.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.09 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

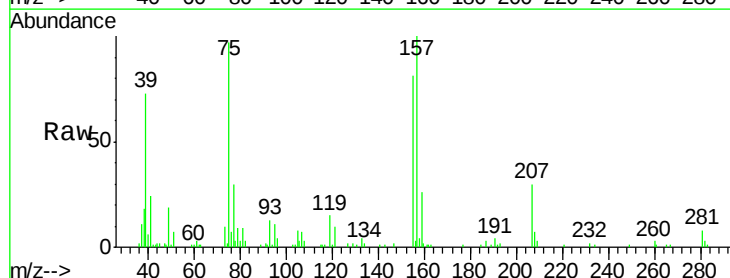
Tgt Ion: 75 Resp: 36170

Ion Ratio Lower Upper

75 100

155 82.8 40.4 121.2

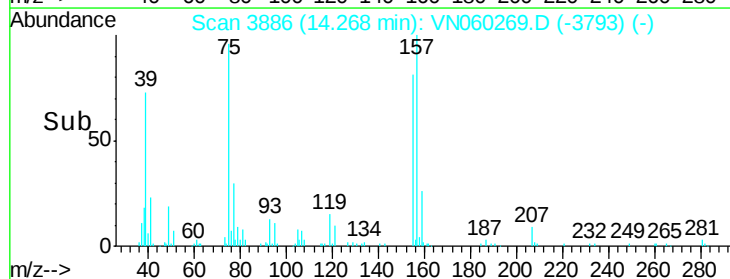
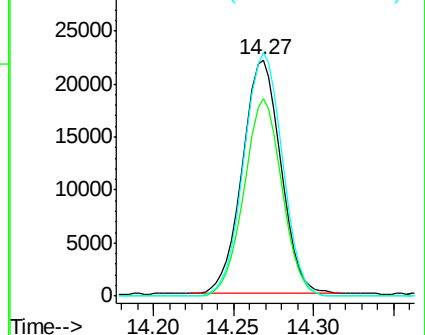
157 104.5 52.5 157.5

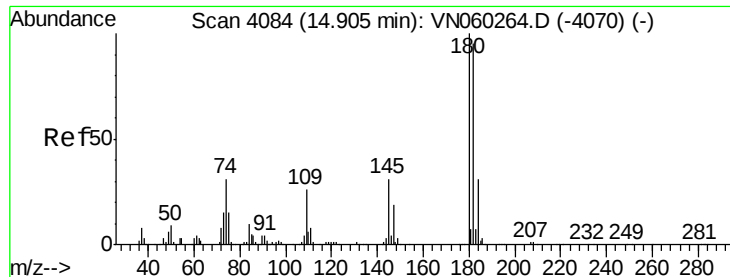


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

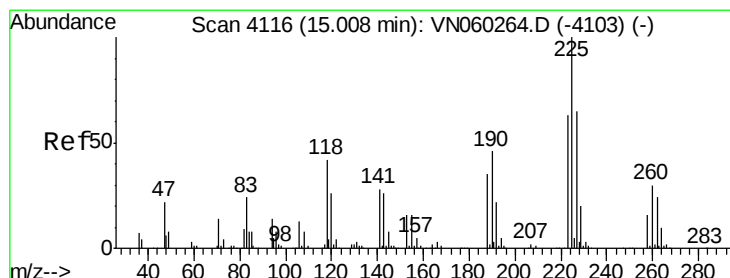
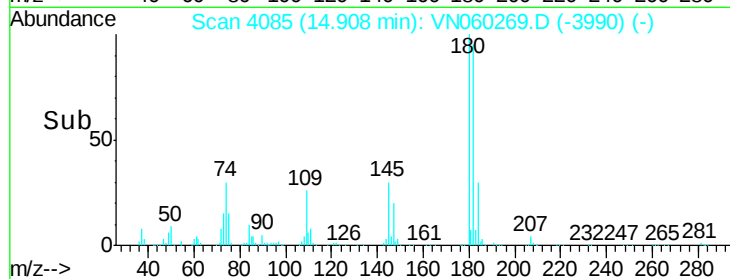
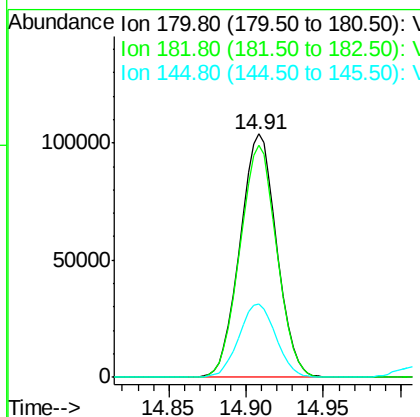
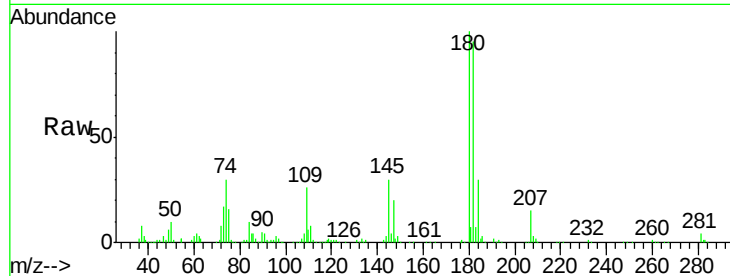




#93
 1,2,4-Trichlorobenzene
 Concen: 52.35 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

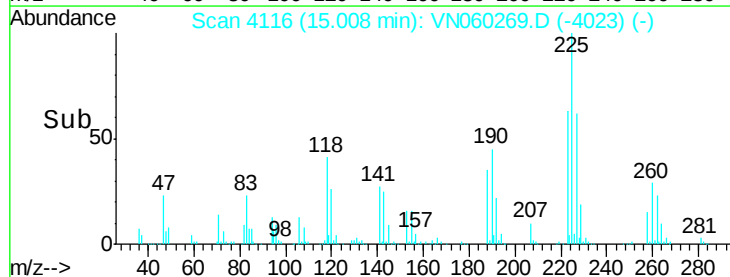
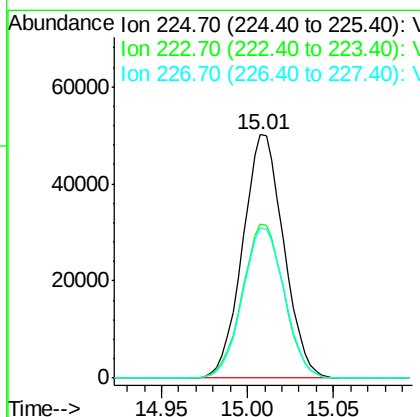
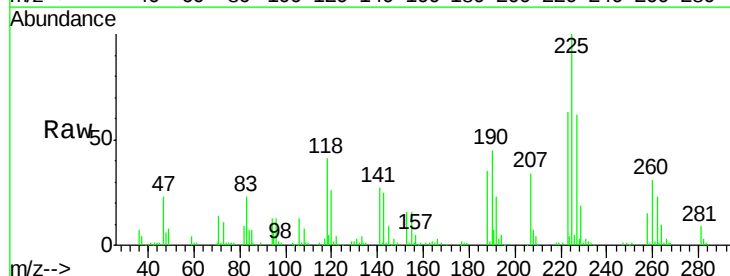
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN022720

Tgt Ion:180 Resp: 171020
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 30.4 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 55.25 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060269.D
 Acq: 27 Feb 2020 14:12

Tgt Ion:225 Resp: 82869
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.3 93.9
 227 62.9 32.3 96.9





#95

Naphthalene

Concen: 51.37 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022720

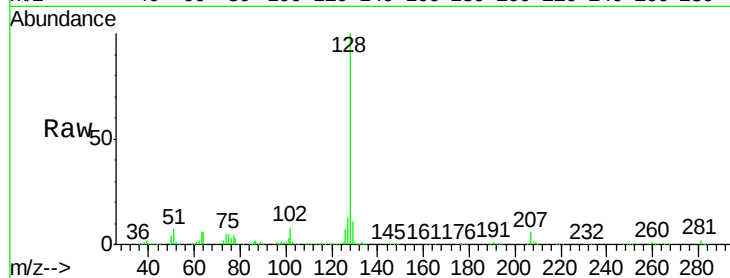
Tgt Ion:128 Resp: 494220

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

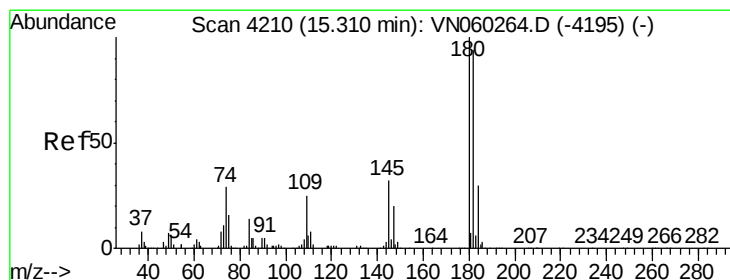
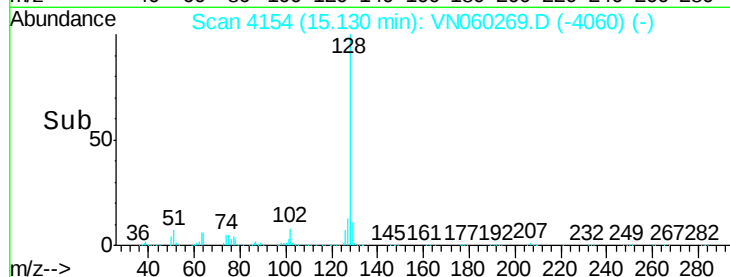
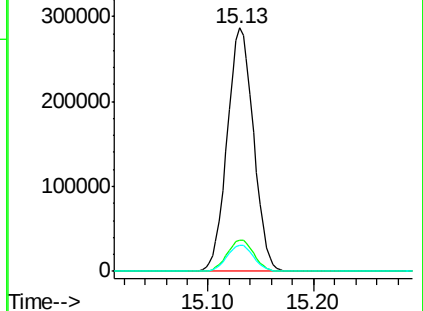
129 10.9 8.6 13.0



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: 52.37 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060269.D

Acq: 27 Feb 2020 14:12

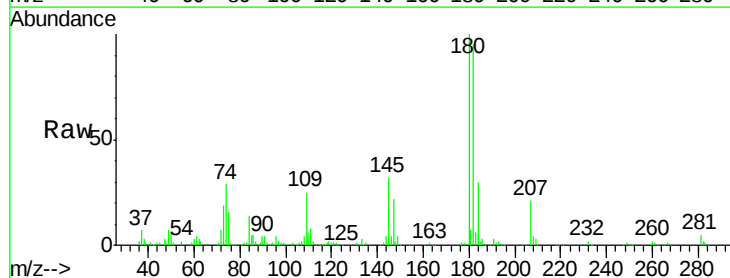
Tgt Ion:180 Resp: 161080

Ion Ratio Lower Upper

180 100

182 94.6 47.3 142.0

145 32.6 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

