

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060265.D
 Acq On : 27 Feb 2020 11:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 27 12:14:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	371535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	286818	103.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.92%	
35) Dibromofluoromethane	7.56	113	151369	70.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.72%	
50) Toluene-d8	10.08	98	868878	98.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.84%	
62) 4-Bromofluorobenzene	12.40	95	336101	102.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.70%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	198692	89.26	ug/l 99
3) Chloromethane	2.04	50	323932	114.56	ug/l 98
4) Vinyl Chloride	2.16	62	289202	94.39	ug/l 99
5) Bromomethane	2.53	94	122163	68.54	ug/l 99
6) Chloroethane	2.68	64	157377	99.80	ug/l 96
7) Trichlorofluoromethane	3.00	101	373528	94.08	ug/l 100
8) Diethyl Ether	3.38	74	143605	106.61	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	213893	96.62	ug/l 99
10) Methyl Iodide	3.93	142	212006	83.22	ug/l 100
11) Tert butyl alcohol	4.73	59	212436	509.39	ug/l 100
12) 1,1-Dichloroethene	3.72	96	213497	98.58	ug/l 99
13) Acrolein	3.57	56	208466	504.19	ug/l 100
14) Allyl chloride	4.29	41	358294	107.43	ug/l 92
15) Acrylonitrile	4.94	53	584169	566.67	ug/l 99
16) Acetone	3.78	43	458383	399.31	ug/l 99
17) Carbon Disulfide	4.03	76	563754	87.89	ug/l 99
18) Methyl Acetate	4.28	43	291050	122.85	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	762630	103.95	ug/l 100
20) Methylene Chloride	4.52	84	242457	99.97	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	229905	97.96	ug/l 97
22) Diisopropyl ether	5.91	45	793161	111.13	ug/l 99
23) Vinyl Acetate	5.86	43	3205875	540.32	ug/l 100
24) 1,1-Dichloroethane	5.82	63	441921	103.62	ug/l 100
25) 2-Butanone	6.80	43	762385	507.29	ug/l 100
26) 2,2-Dichloropropane	6.80	77	401347	100.06	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	269106	97.72	ug/l 100
28) Bromochloromethane	7.17	49	180630	108.25	ug/l 99
29) Tetrahydrofuran	7.18	42	512750	540.47	ug/l 99
30) Chloroform	7.35	83	439964	99.58	ug/l 100
31) Cyclohexane	7.63	56	382859	96.71	ug/l 98
32) 1,1,1-Trichloroethane	7.55	97	394449	98.24	ug/l 99
36) 1,1-Dichloropropene	7.77	75	327309	95.45	ug/l 99
37) Ethyl Acetate	6.90	43	327352	103.95	ug/l 99
38) Carbon Tetrachloride	7.75	117	335619	90.97	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	388240	91.65	ug/l	99
40) Benzene	8.02	78	978289	95.82	ug/l	99
41) Methacrylonitrile	7.18	41	478537	358.40	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	354209	98.62	ug/l	100
43) Isopropyl Acetate	8.14	43	576182	106.65	ug/l	100
44) Trichloroethene	8.82	130	265675	94.22	ug/l	99
45) 1,2-Dichloropropane	9.10	63	262440	102.91	ug/l	100
46) Dibromomethane	9.19	93	167974	94.68	ug/l	99
47) Bromodichloromethane	9.39	83	351292	97.10	ug/l	98
48) Methyl methacrylate	9.18	41	263907	108.96	ug/l	99
49) 1,4-Dioxane	9.18	88	70818	1805.17	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1666131	535.48	ug/l	99
52) Toluene	10.14	92	621833	95.41	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	414801	101.01	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	433814	100.23	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	241347	94.88	ug/l	99
56) Ethyl methacrylate	10.42	69	394233	108.68	ug/l	100
57) 1,3-Dichloropropane	10.70	76	412022	97.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	991702	577.89	ug/l	100
59) 2-Hexanone	10.74	43	1234110	521.43	ug/l	99
60) Dibromochloromethane	10.89	129	270051	93.82	ug/l	99
61) 1,2-Dibromoethane	11.00	107	253857	95.94	ug/l	98
64) Tetrachloroethene	10.62	164	267196	100.46	ug/l	100
65) Chlorobenzene	11.43	112	659932	94.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	253211	96.19	ug/l	99
67) Ethyl Benzene	11.51	91	1222805	96.87	ug/l	100
68) m/p-Xylenes	11.62	106	917838	194.21	ug/l	99
69) o-Xylene	11.94	106	442639	97.29	ug/l	99
70) Styrene	11.96	104	761431	103.64	ug/l	100
71) Bromoform	12.12	173	199744	95.54	ug/l #	100
73) Isopropylbenzene	12.25	105	1198737	91.49	ug/l	99
74) N-amyl acetate	12.07	43	541094	112.17	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	338430	90.81	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	497074	147.42	ug/l #	100
77) Bromobenzene	12.52	156	294424	91.02	ug/l	99
78) n-propylbenzene	12.59	91	1413868	94.38	ug/l	100
79) 2-Chlorotoluene	12.67	91	826798	93.89	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1022467	93.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	138624	100.68	ug/l #	90
82) 4-Chlorotoluene	12.77	91	865425	95.79	ug/l	100
83) tert-Butylbenzene	12.99	119	881891	91.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1036576	96.27	ug/l	100
85) sec-Butylbenzene	13.17	105	1195386	93.69	ug/l	100
86) p-Isopropyltoluene	13.29	119	1095875	94.74	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	539151	93.90	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	540625	94.24	ug/l	99
89) n-Butylbenzene	13.61	91	1018534	99.67	ug/l	100
90) Hexachloroethane	13.87	117	174374	83.31	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	512032	91.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	74385	85.86	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 12:09:31 2020
Response via : Initial Calibration

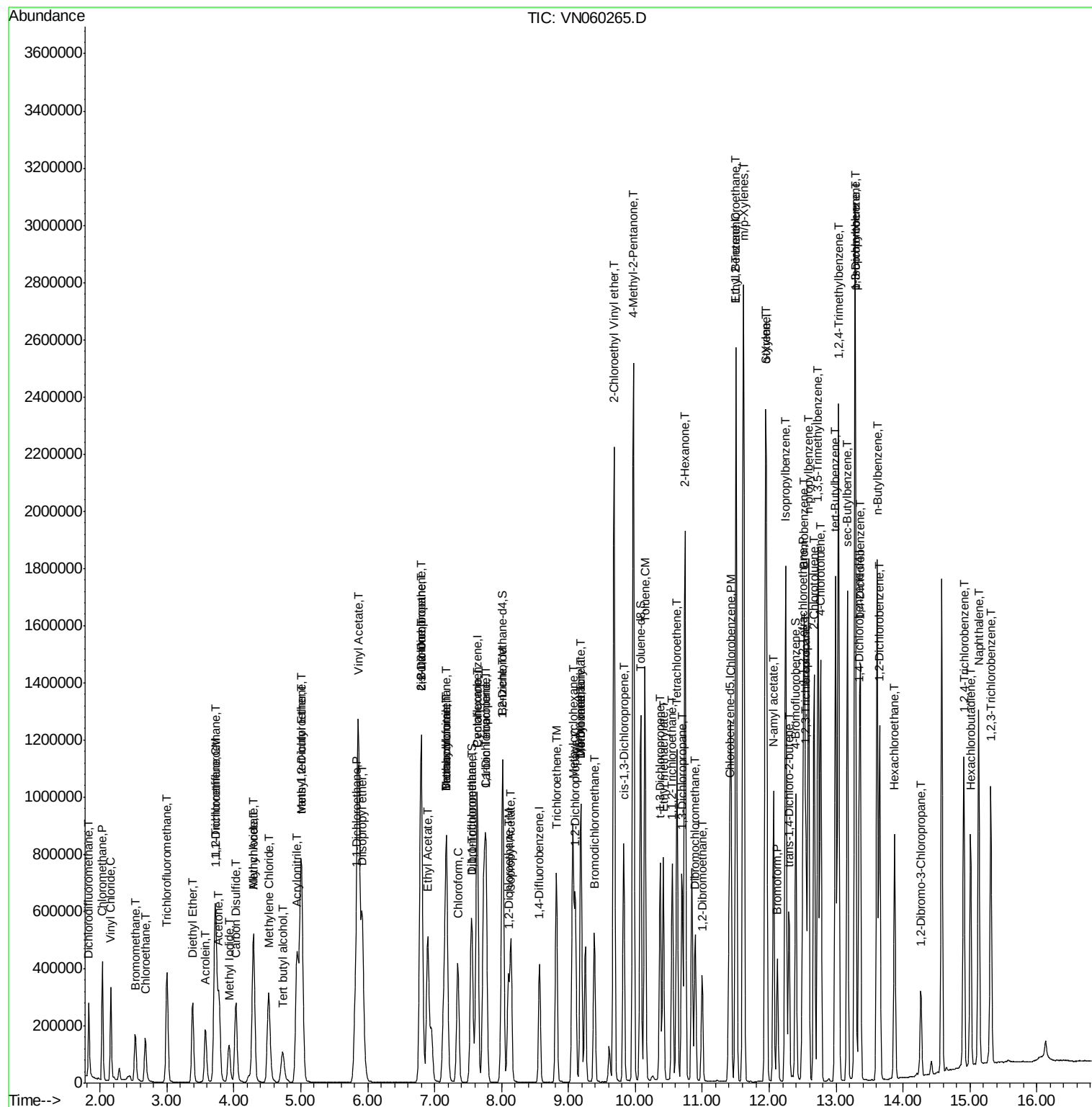
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	349284	104.97	ug/l	100
94) Hexachlorobutadiene	15.01	225	159832	83.82	ug/l	99
95) Naphthalene	15.13	128	1038295	113.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	329571	99.89	ug/l	100

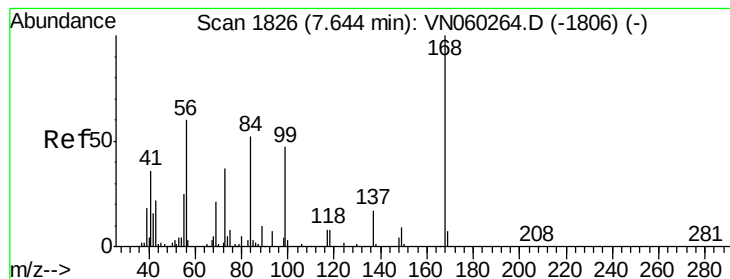
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
Data File : VN060265.D
Acq On : 27 Feb 2020 11:51
Operator : JC/MD
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDIC100

Quant Time: Feb 27 12:14:08 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

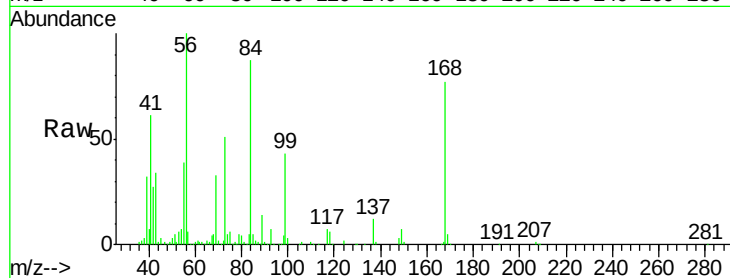
VSTDIC100

Tgt Ion:168 Resp: 227467

Ion Ratio Lower Upper

168 100

99 55.7 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

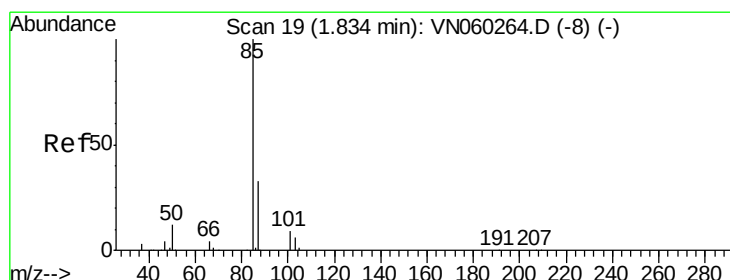
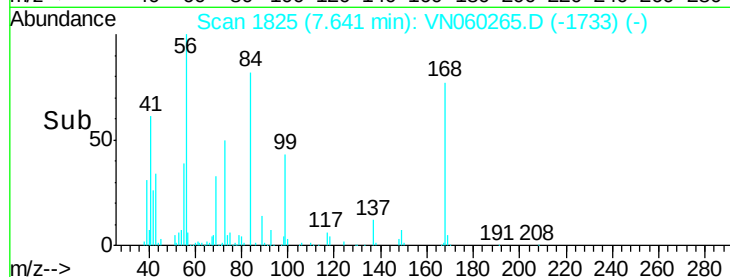
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 89.26 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060265.D

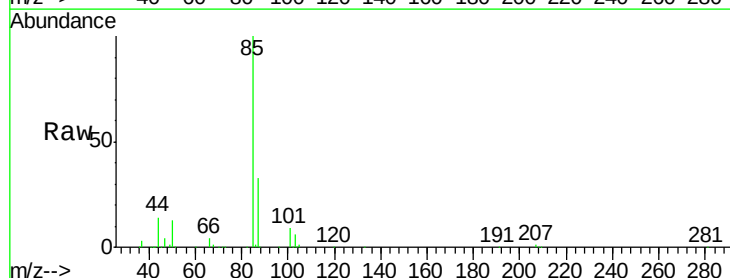
Acq: 27 Feb 2020 11:51

Tgt Ion: 85 Resp: 198692

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

150000

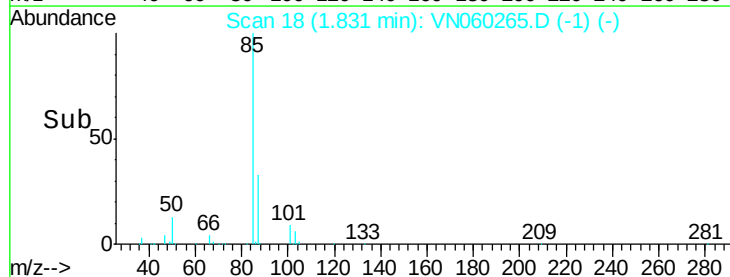
100000

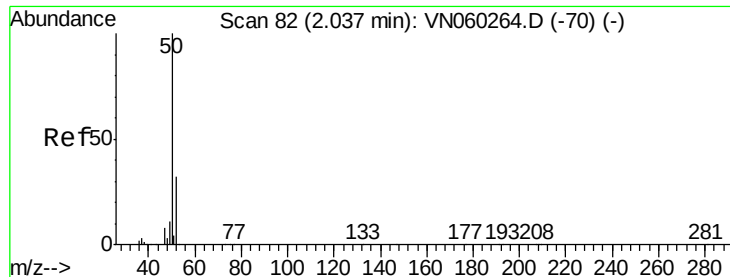
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 114.56 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

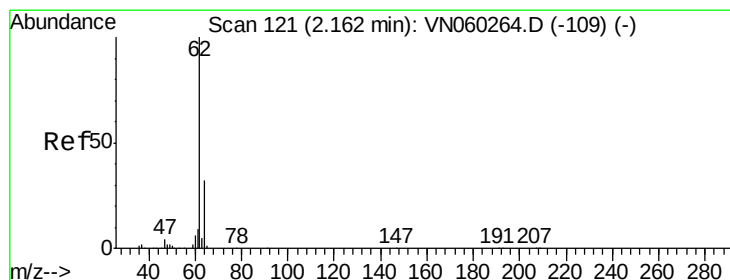
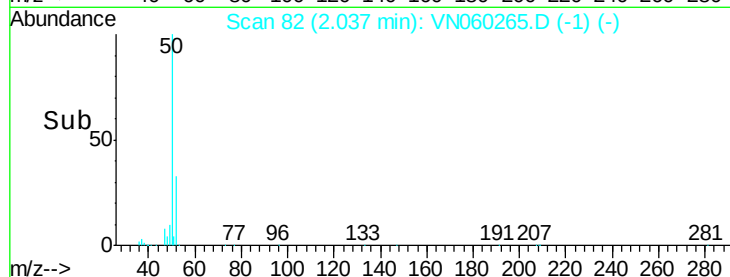
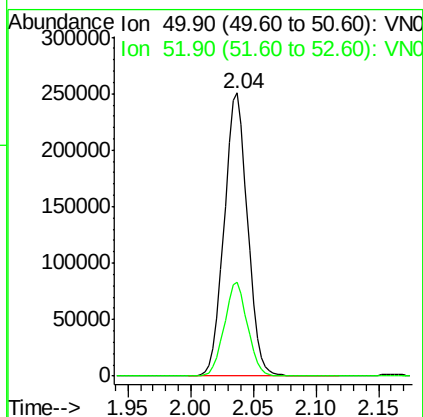
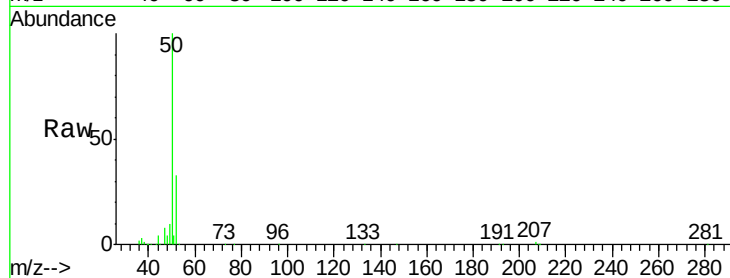
VSTDICC100

Tgt Ion: 50 Resp: 323932

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 94.39 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060265.D

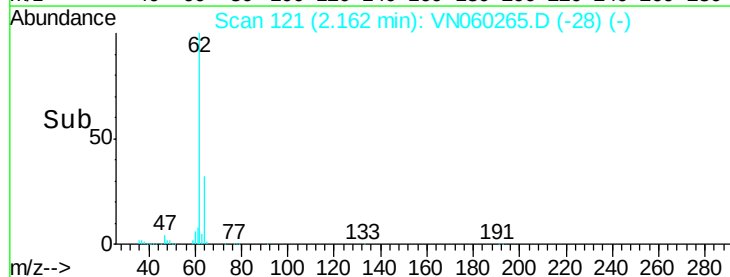
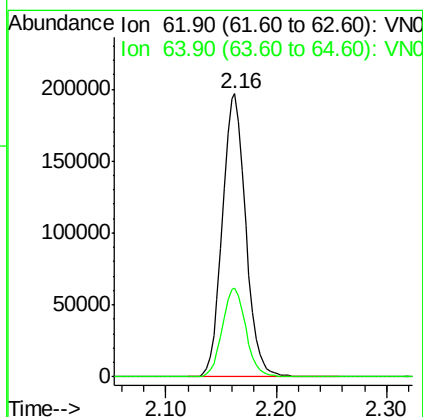
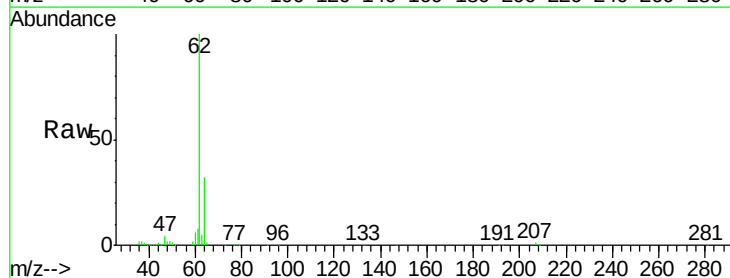
Acq: 27 Feb 2020 11:51

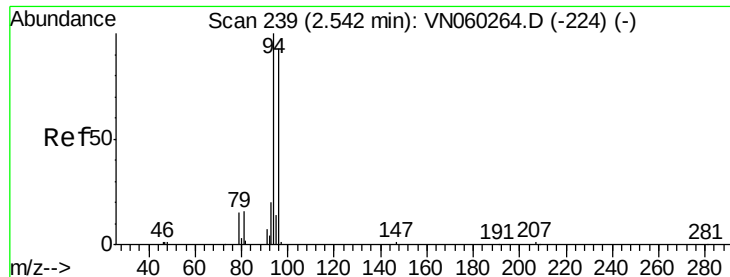
Tgt Ion: 62 Resp: 289202

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 68.54 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

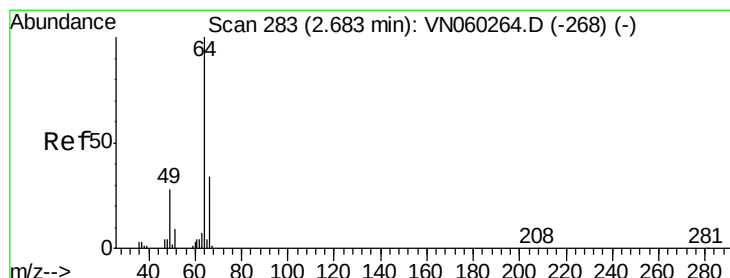
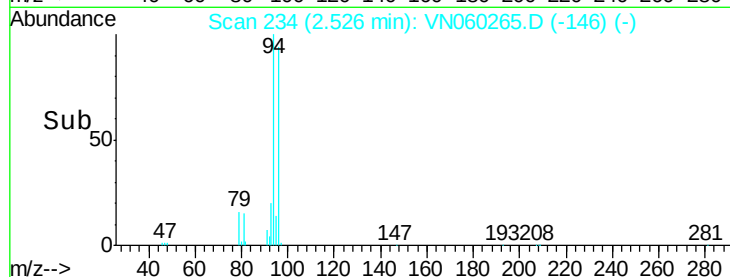
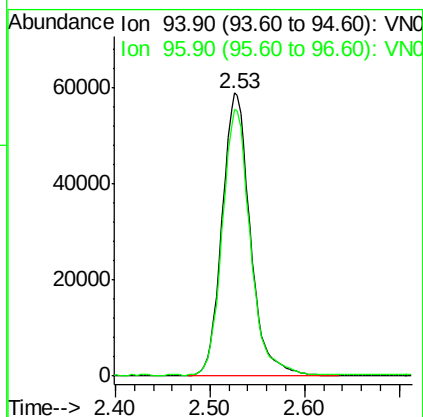
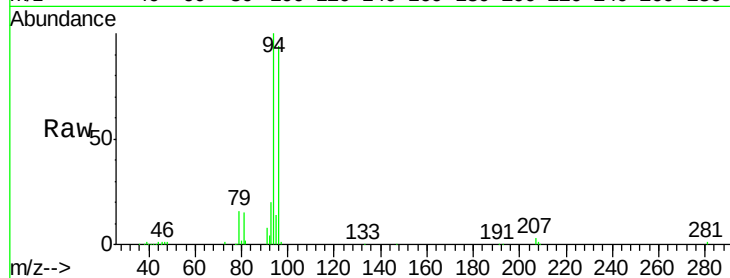
VSTDIC100

Tgt Ion: 94 Resp: 122163

Ion Ratio Lower Upper

94 100

96 93.7 74.3 111.5



#6

Chloroethane

Concen: 99.80 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN060265.D

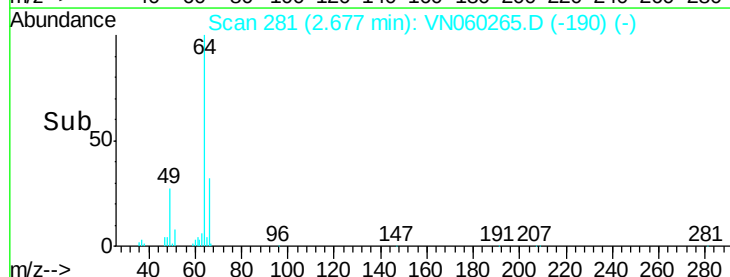
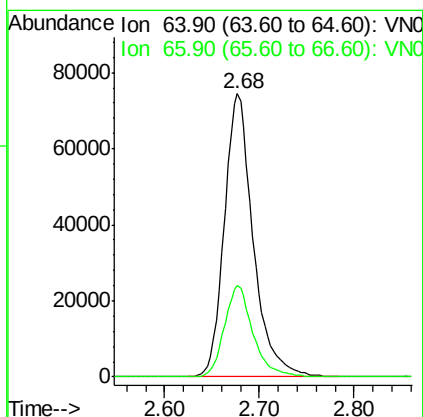
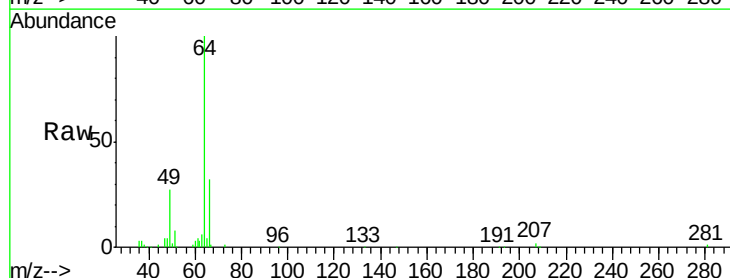
Acq: 27 Feb 2020 11:51

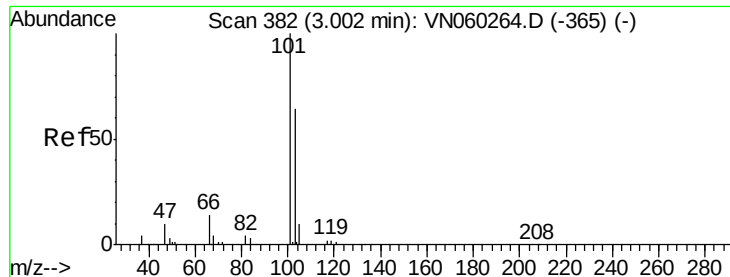
Tgt Ion: 64 Resp: 157377

Ion Ratio Lower Upper

64 100

66 32.3 27.4 41.2



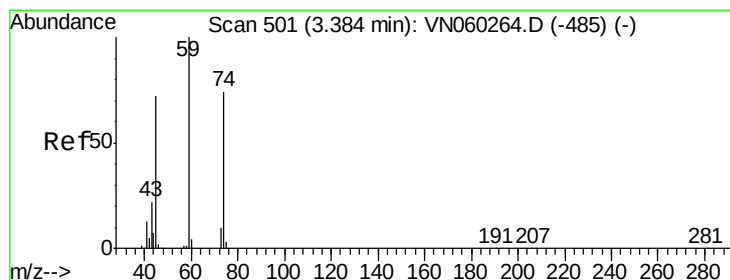
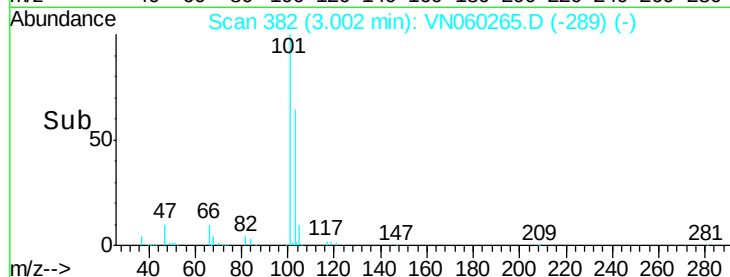
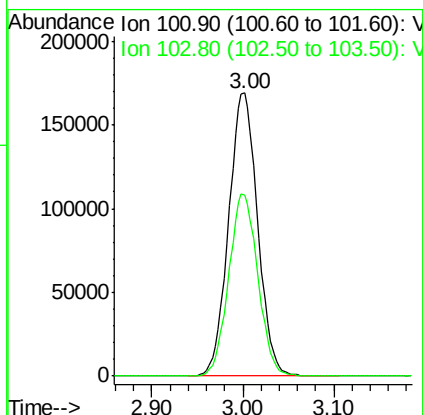
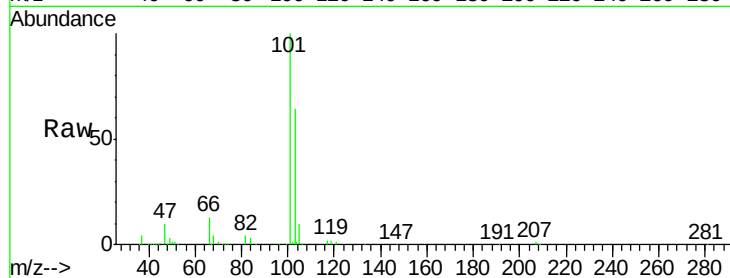


#7

Trichlorofluoromethane
Concen: 94.08 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060265.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

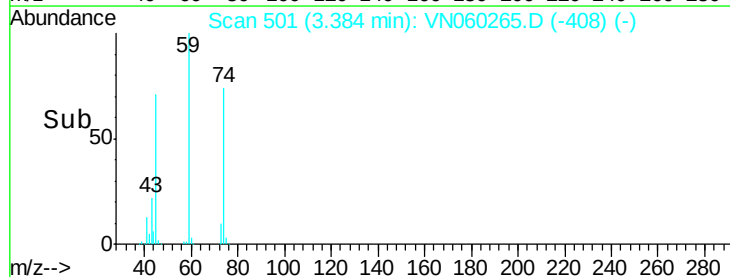
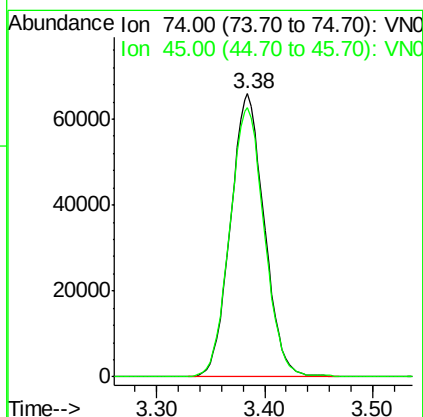
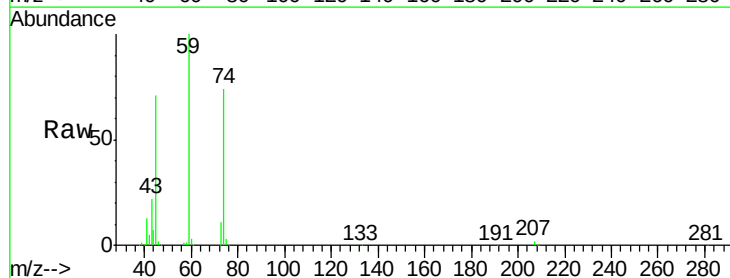
Tgt Ion: 101 Resp: 373528
Ion Ratio Lower Upper
101 100
103 64.0 51.3 76.9

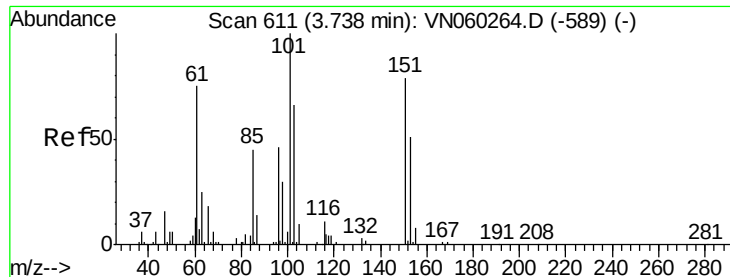


#8

Diethyl Ether
Concen: 106.61 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 74 Resp: 143605
Ion Ratio Lower Upper
74 100
45 97.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.62 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060265.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

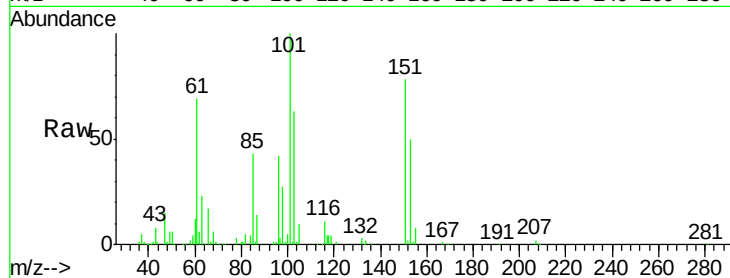
Tgt Ion:101 Resp: 213893

Ion Ratio Lower Upper

101 100

85 44.0 35.4 53.2

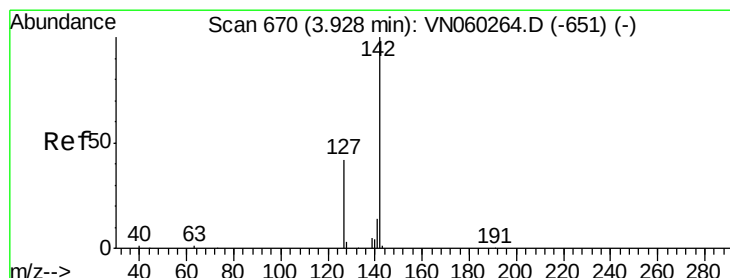
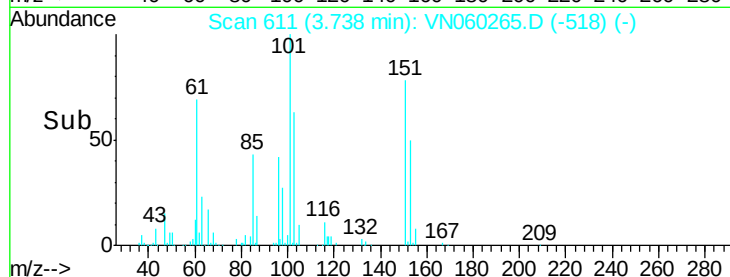
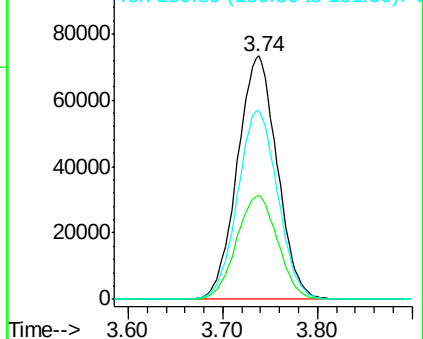
151 78.3 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 83.22 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

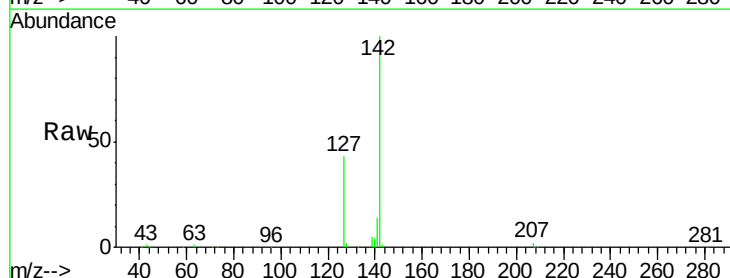
Tgt Ion:142 Resp: 212006

Ion Ratio Lower Upper

142 100

127 42.1 33.8 50.6

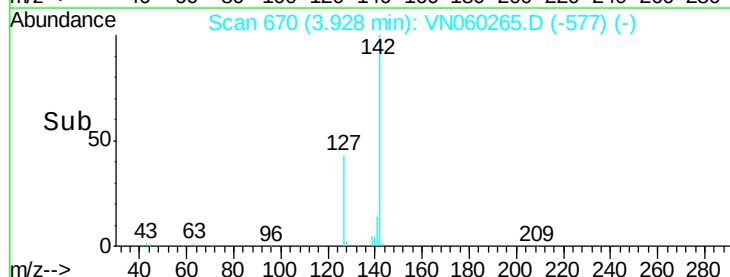
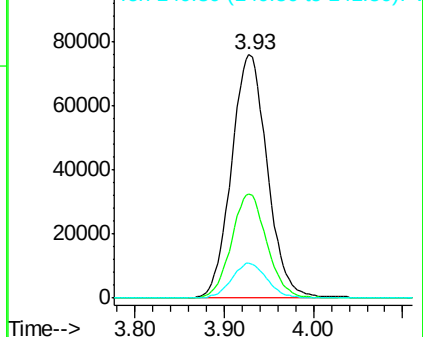
141 14.2 11.1 16.7

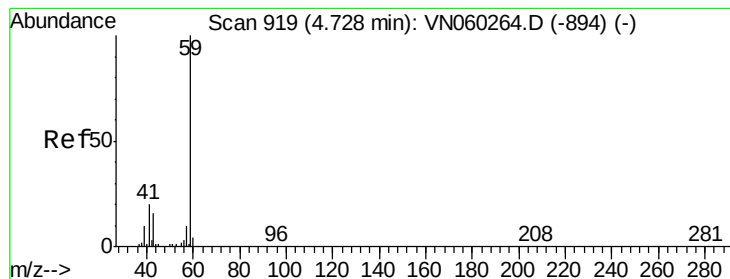


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



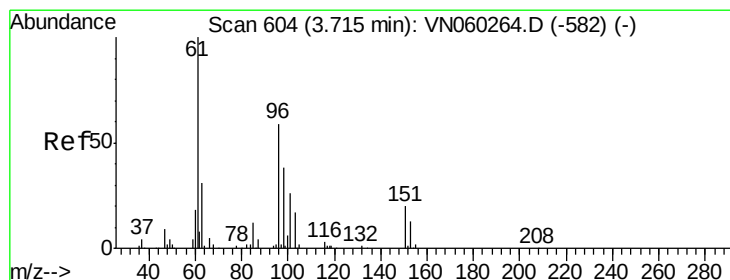
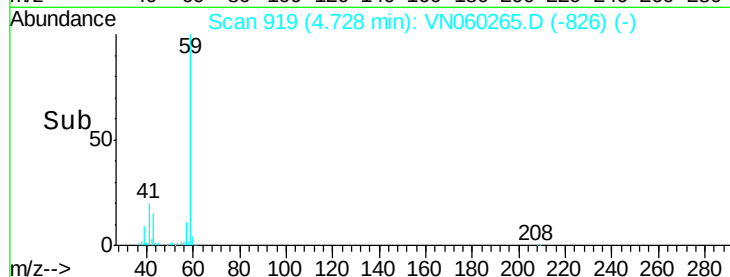
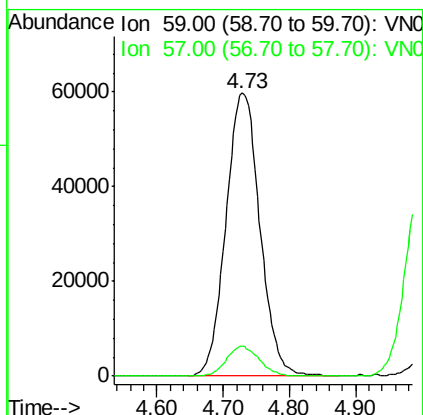
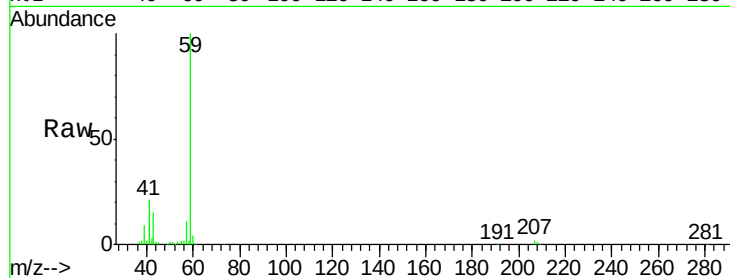


#11

Tert butyl alcohol
 Concen: 509.39 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

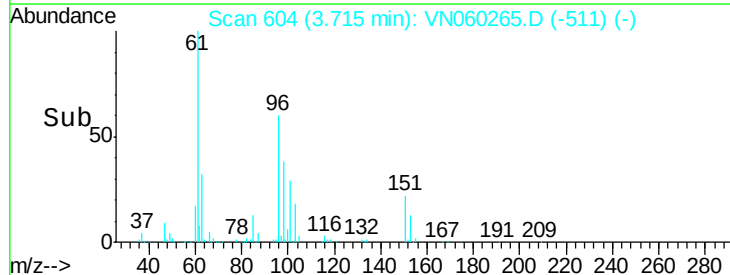
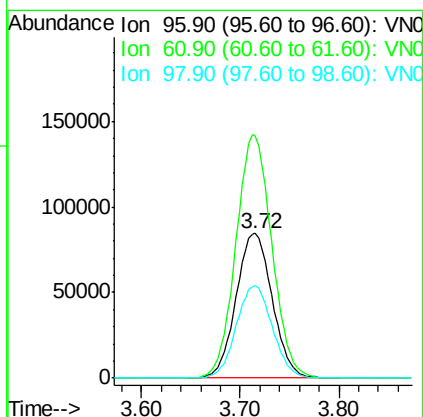
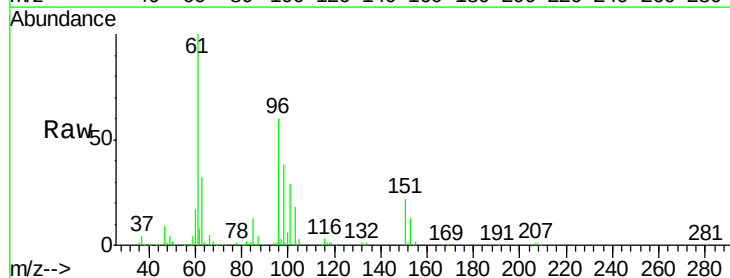
Tgt Ion: 59 Resp: 212436
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

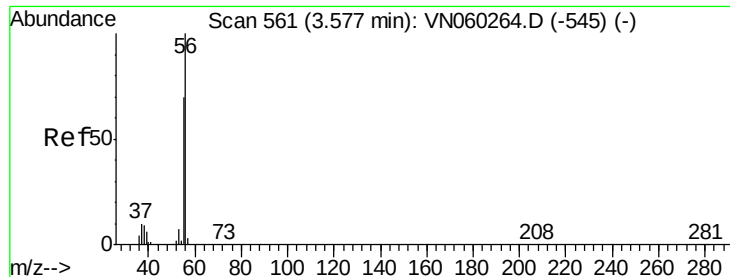


#12

1,1-Dichloroethene
 Concen: 98.58 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 96 Resp: 213497
 Ion Ratio Lower Upper
 96 100
 61 168.0 135.4 203.0
 98 63.9 51.6 77.4





#13

Acrolein

Concen: 504.19 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

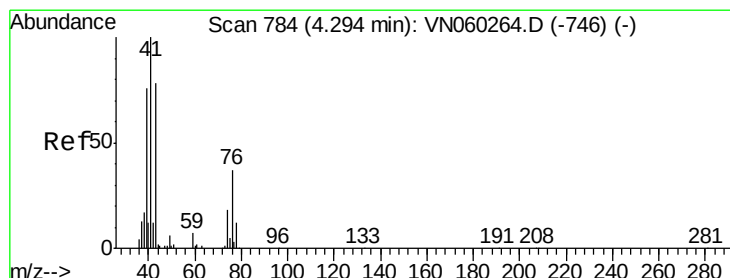
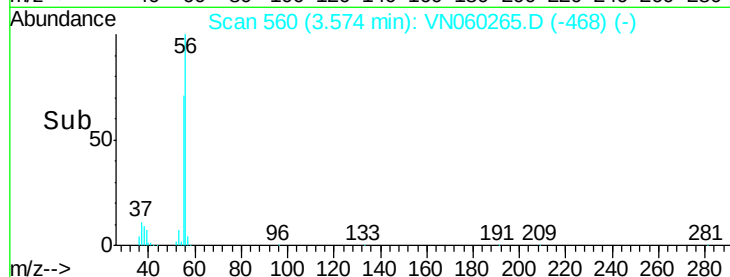
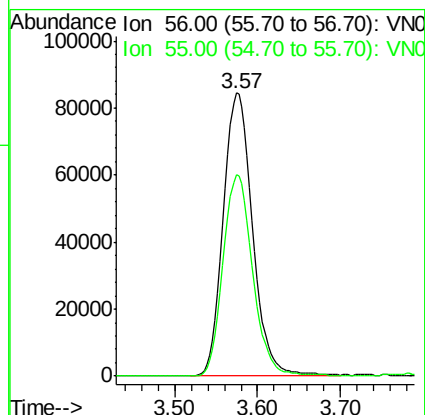
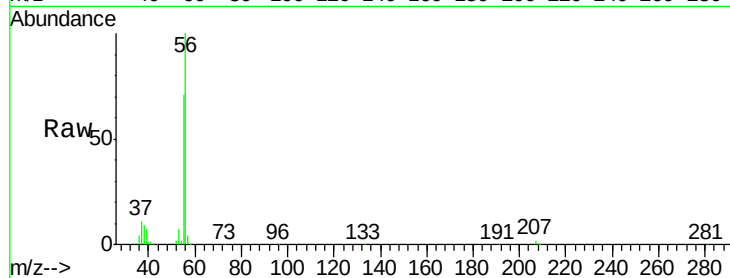
VSTDIC100

Tgt Ion: 56 Resp: 208466

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.0



#14

Allyl chloride

Concen: 107.43 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

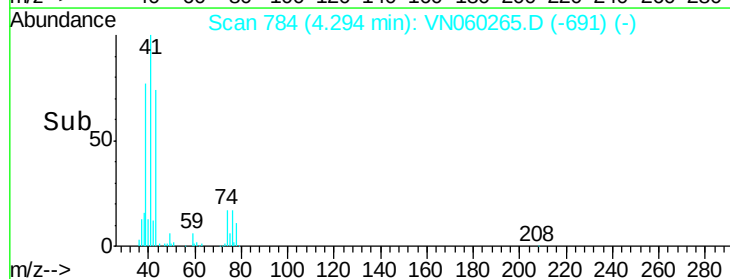
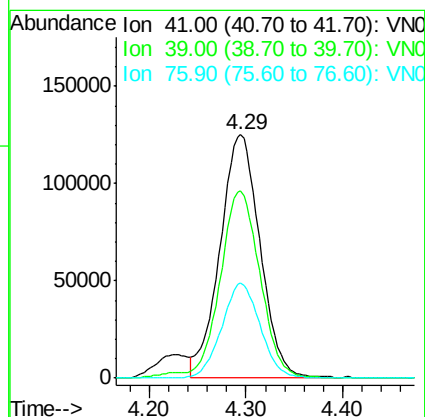
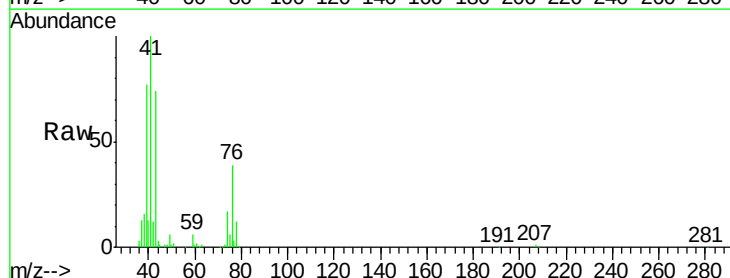
Tgt Ion: 41 Resp: 358294

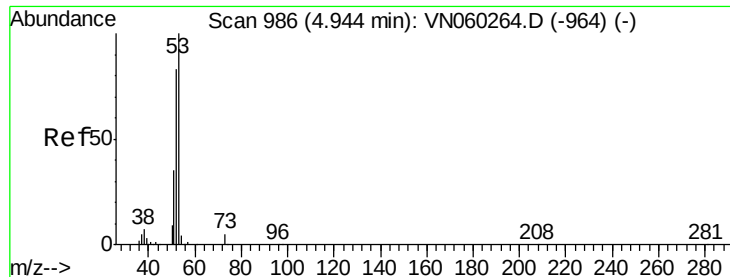
Ion Ratio Lower Upper

41 100

39 76.2 55.4 83.2

76 37.7 27.0 40.6





#15

Acrylonitrile

Concen: 566.67 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

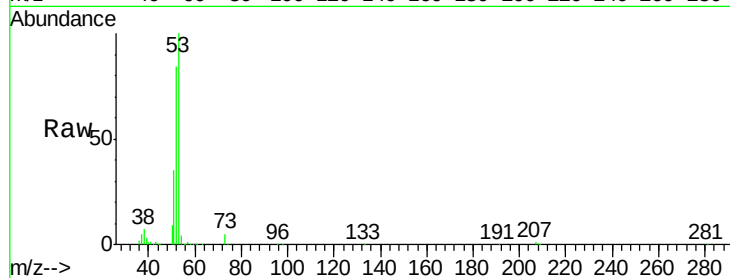
Tgt Ion: 53 Resp: 584169

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

51 36.4 29.0 43.6

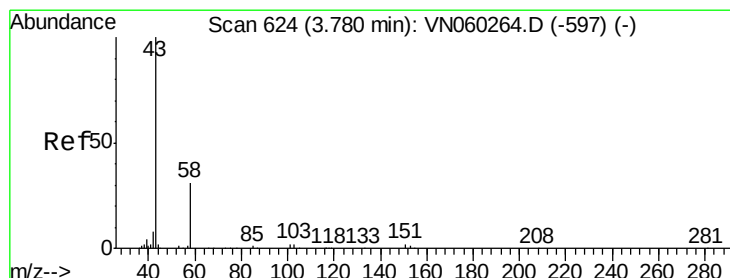
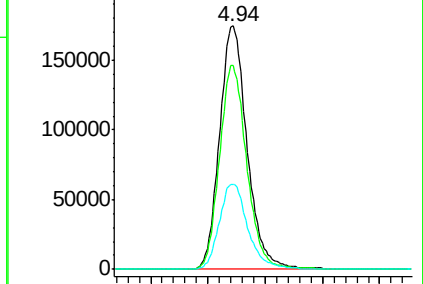
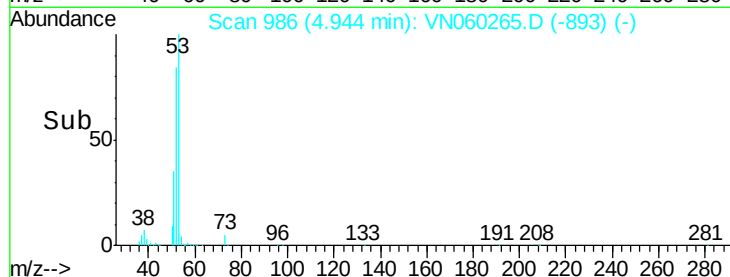


Abundance Ion 53.00 (52.70 to 53.70): VN060264.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060264.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060264.D (-964) (-)

Time-->



#16

Acetone

Concen: 399.31 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060265.D

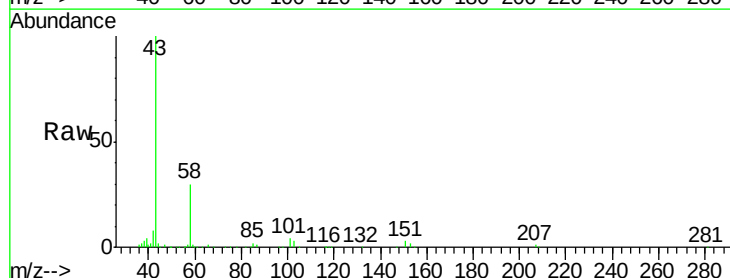
Acq: 27 Feb 2020 11:51

Tgt Ion: 43 Resp: 458383

Ion Ratio Lower Upper

43 100

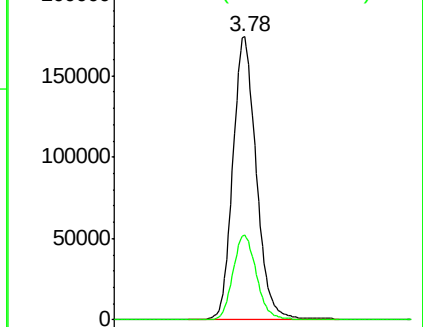
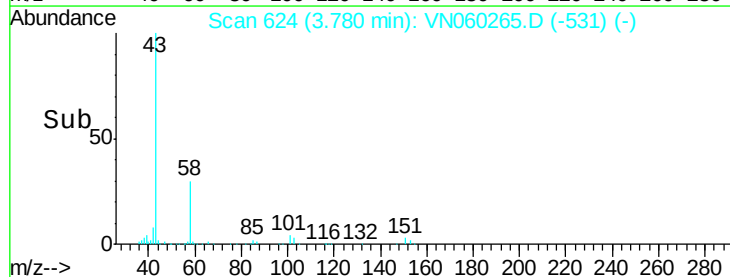
58 29.9 24.6 36.8

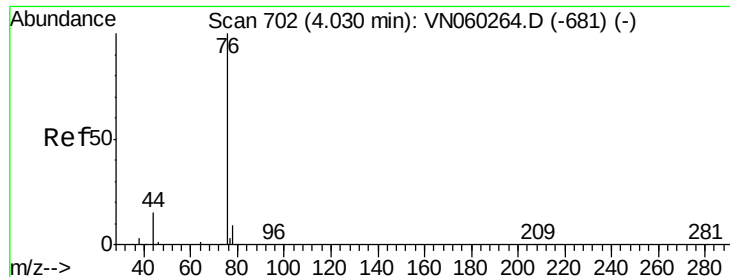


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-597) (-)

Time-->





#17

Carbon Disulfide

Concen: 87.89 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

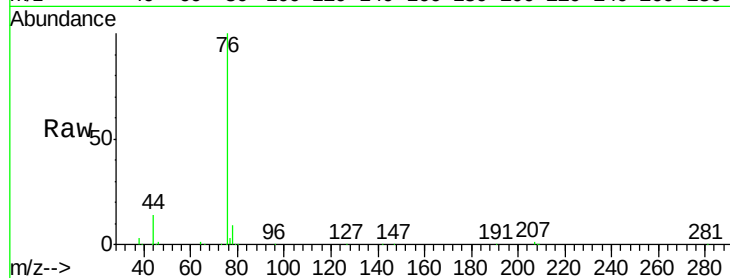
VSTDIC100

Tgt Ion: 76 Resp: 563754

Ion Ratio Lower Upper

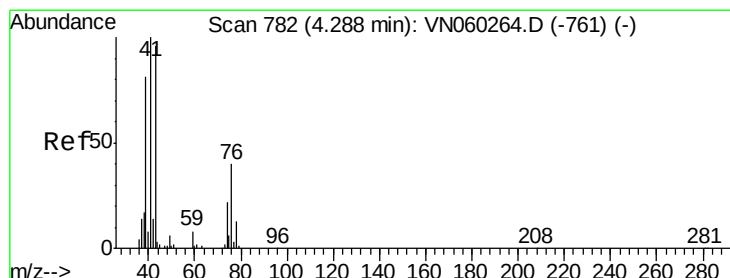
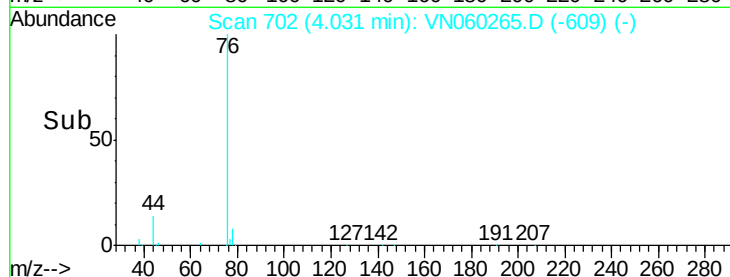
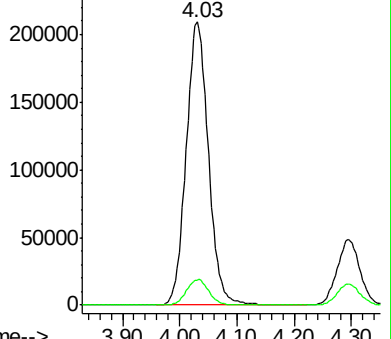
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060265.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060265.D (-609) (-)



#18

Methyl Acetate

Concen: 122.85 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060265.D

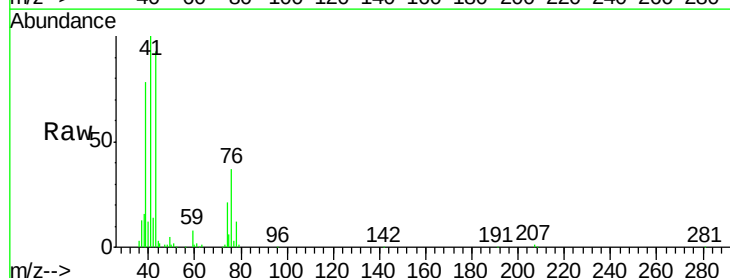
Acq: 27 Feb 2020 11:51

Tgt Ion: 43 Resp: 291050

Ion Ratio Lower Upper

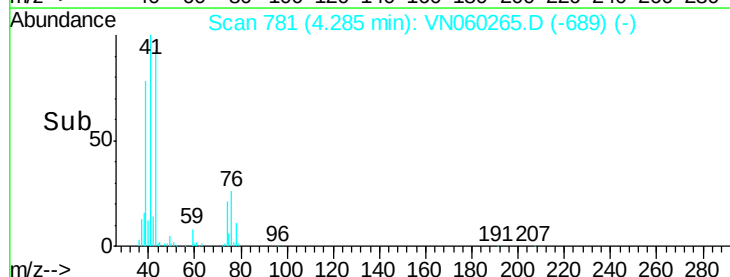
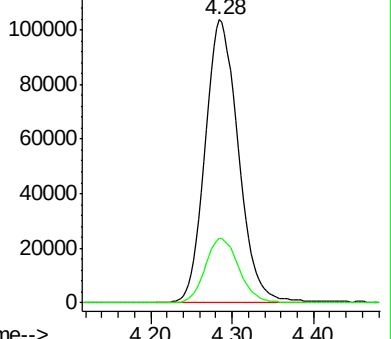
43 100

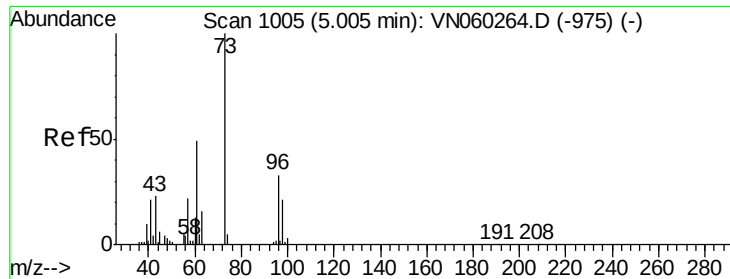
74 23.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN060265.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060265.D (-689) (-)

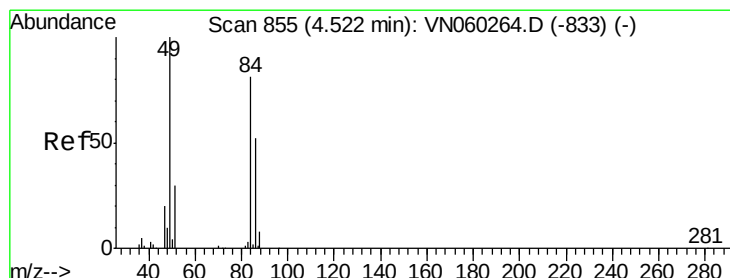
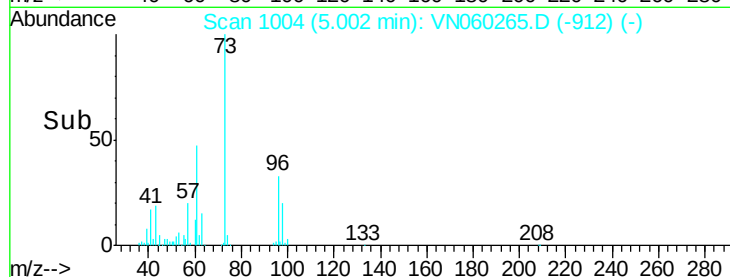
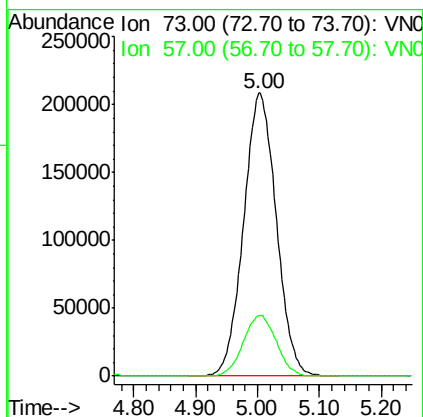
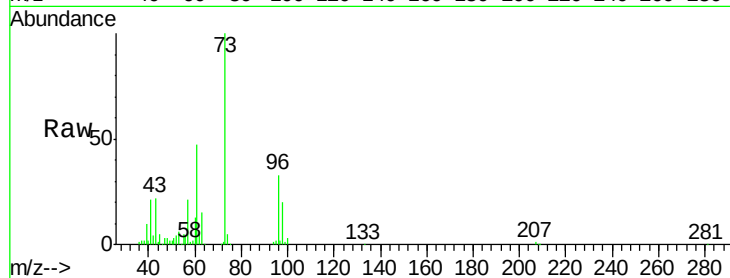




#19
Methyl tert-butyl Ether
Concen: 103.95 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

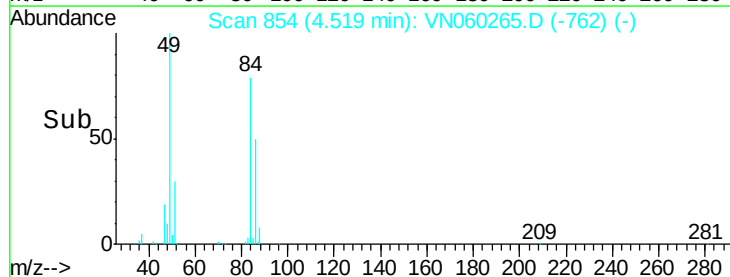
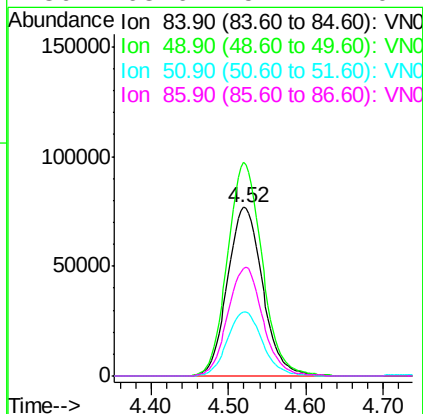
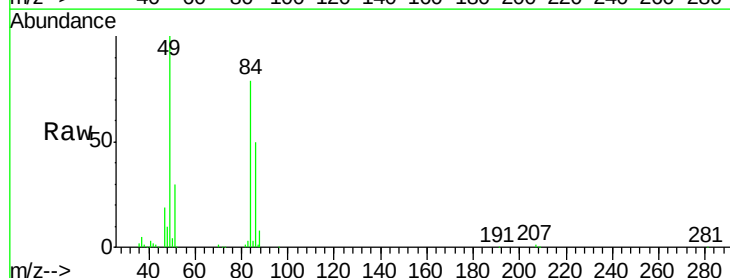
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

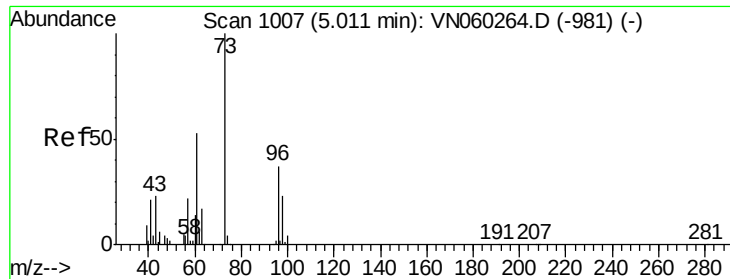
Tgt Ion: 73 Resp: 762630
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 99.97 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 84 Resp: 242457
Ion Ratio Lower Upper
84 100
49 126.4 99.3 148.9
51 37.8 30.1 45.1
86 63.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 97.96 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

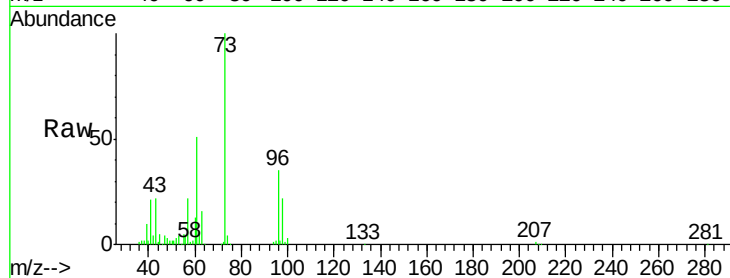
Tgt Ion: 96 Resp: 229905

Ion Ratio Lower Upper

96 100

61 145.9 113.8 170.8

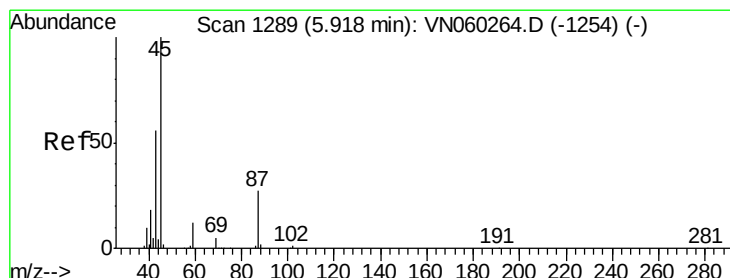
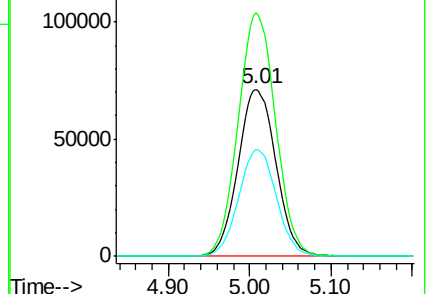
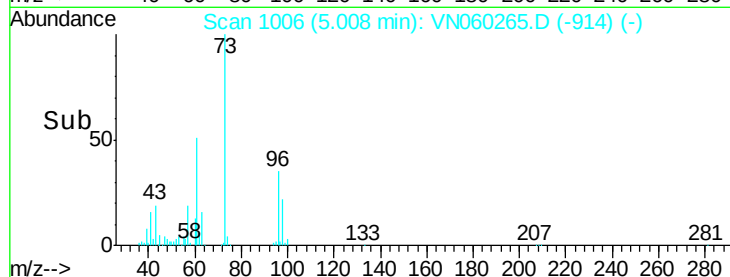
98 63.7 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 111.13 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Tgt Ion: 45 Resp: 793161

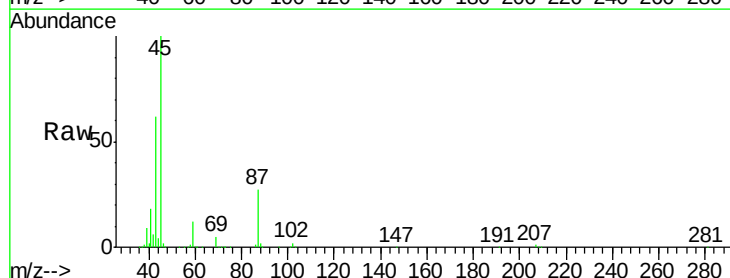
Ion Ratio Lower Upper

45 100

43 61.8 48.6 72.8

87 27.3 22.2 33.2

59 11.7 9.5 14.3

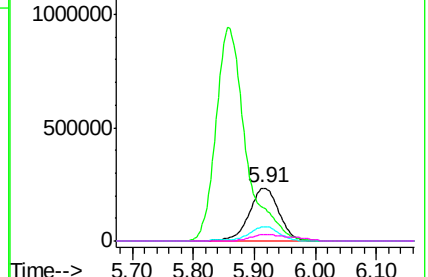
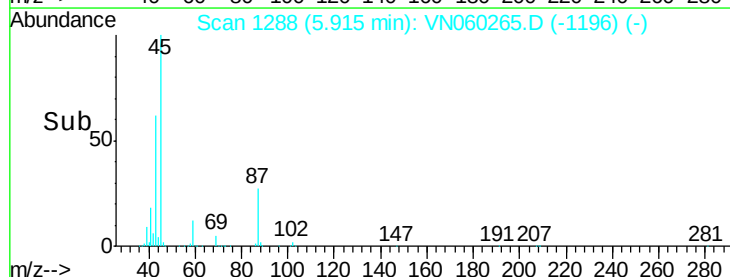


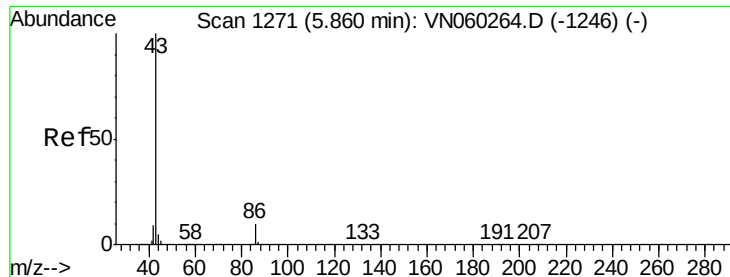
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 540.32 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

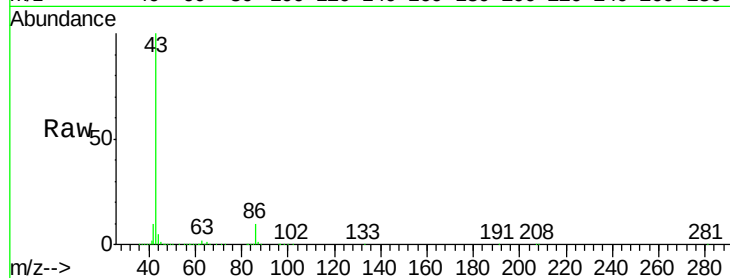
VSTDICC100

Tgt Ion: 43 Resp: 3205875

Ion Ratio Lower Upper

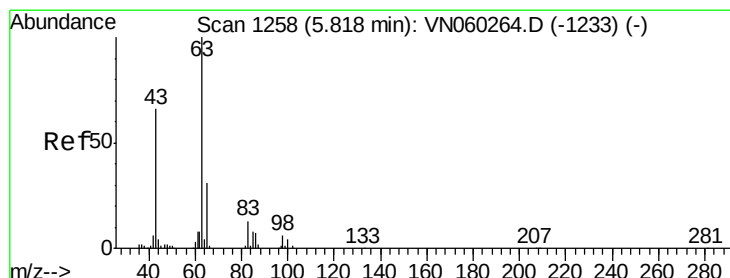
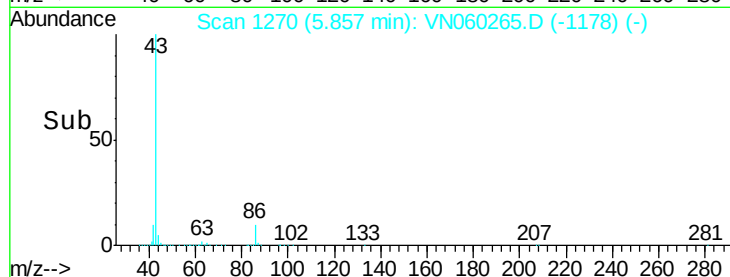
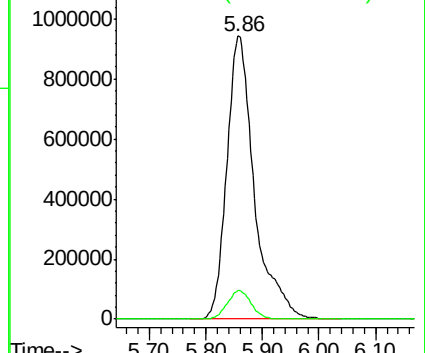
43 100

86 10.1 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: 103.62 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

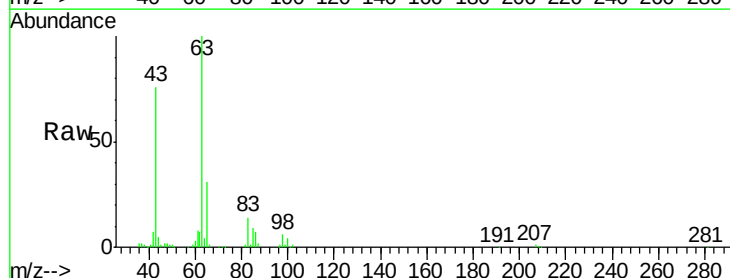
Tgt Ion: 63 Resp: 441921

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

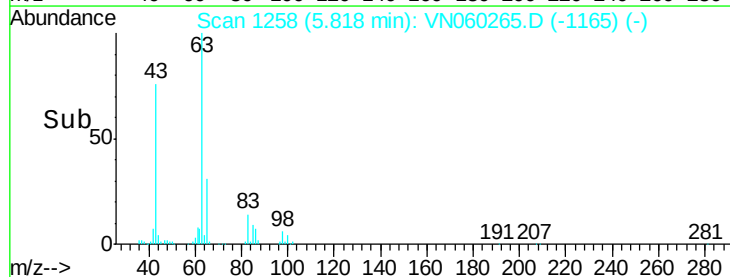
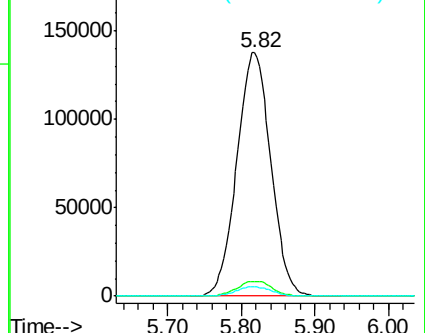
100 4.0 2.0 6.0

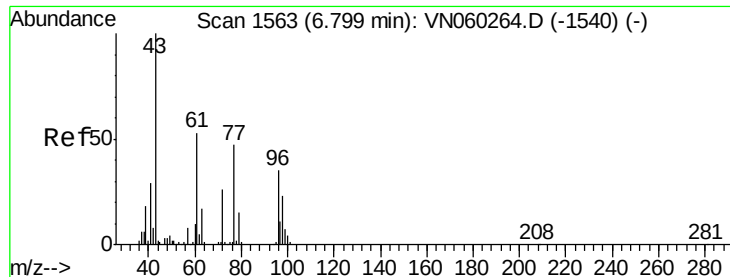


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 507.29 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

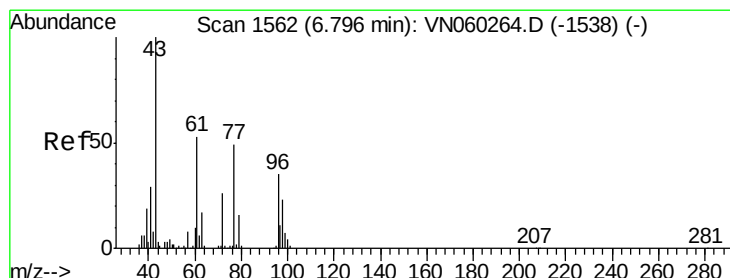
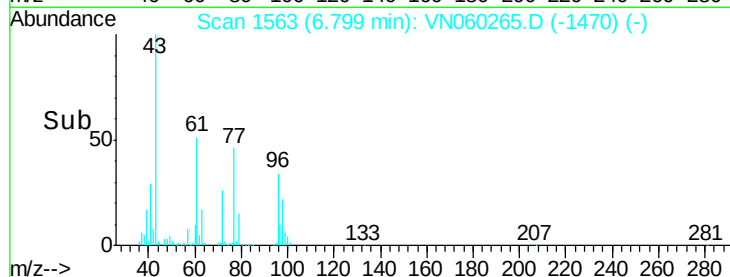
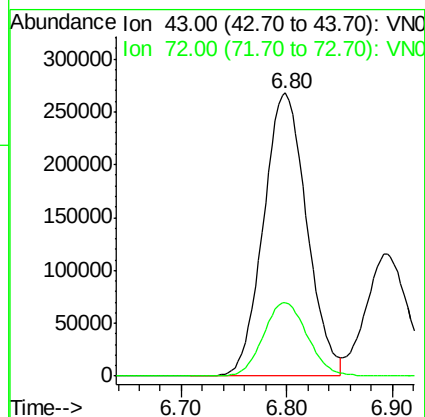
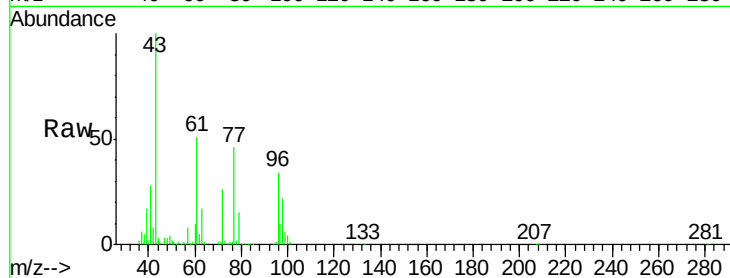
VSTDIC100

Tgt Ion: 43 Resp: 762385

Ion Ratio Lower Upper

43 100

72 26.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 100.06 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060265.D

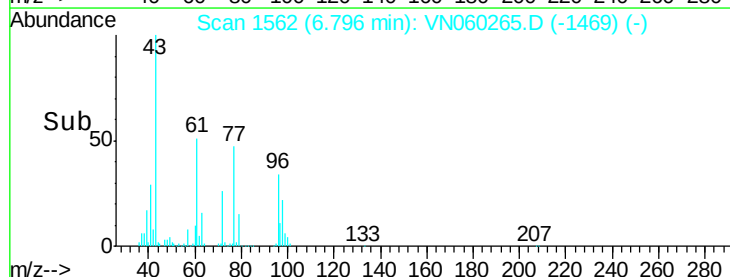
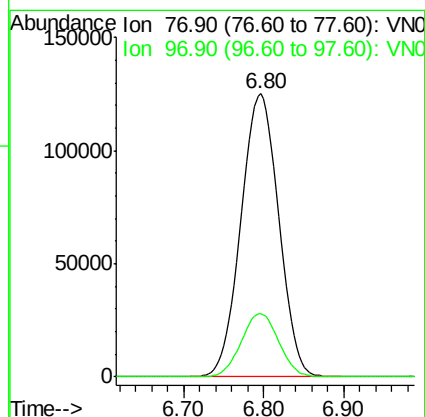
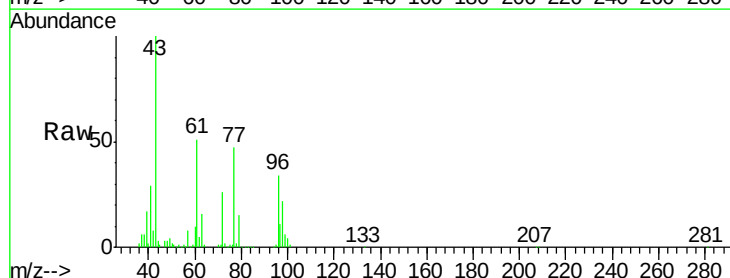
Acq: 27 Feb 2020 11:51

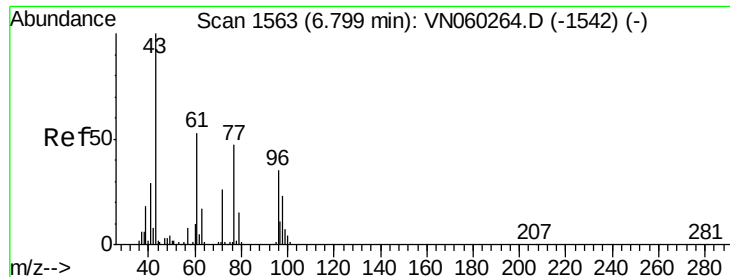
Tgt Ion: 77 Resp: 401347

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 97.72 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

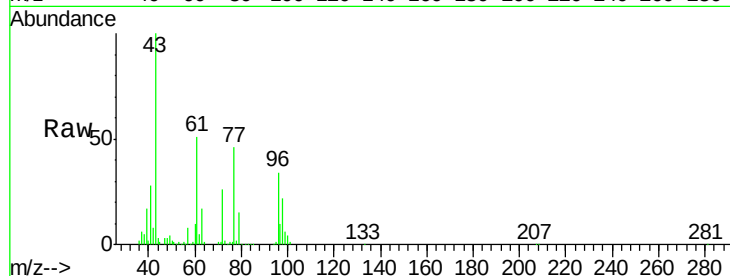
Tgt Ion: 96 Resp: 269106

Ion Ratio Lower Upper

96 100

61 150.1 0.0 300.8

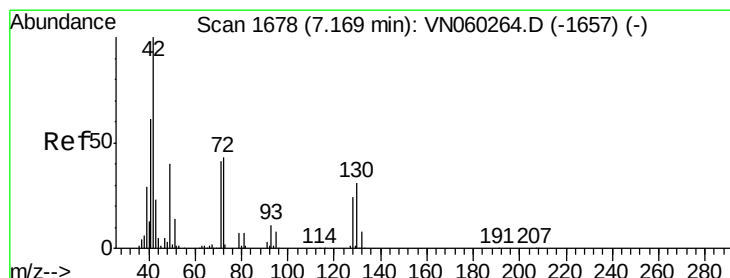
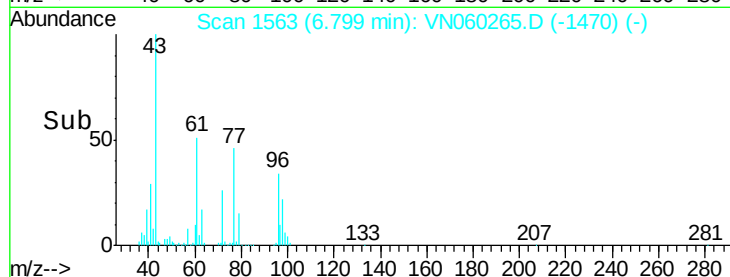
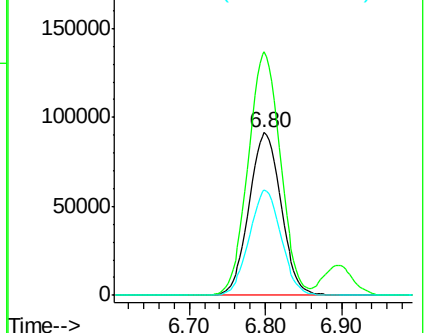
98 64.3 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060265.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060265.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060265.D (-1470) (-)



#28

Bromochloromethane

Concen: 108.25 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

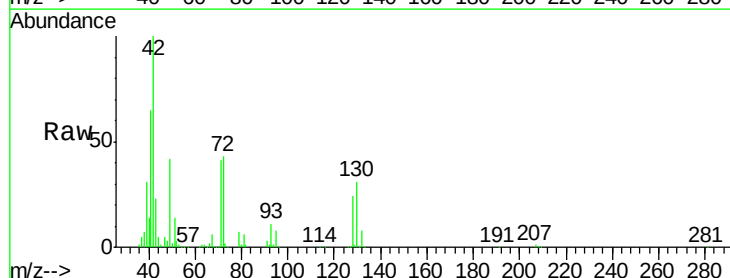
Tgt Ion: 49 Resp: 180630

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

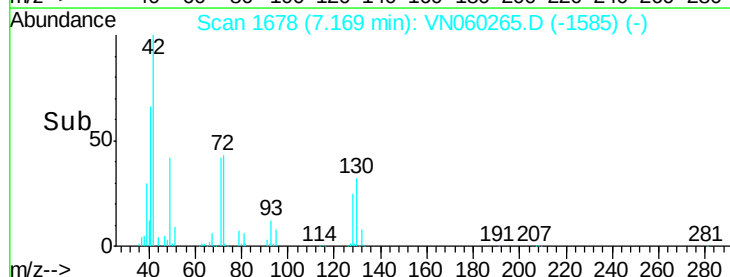
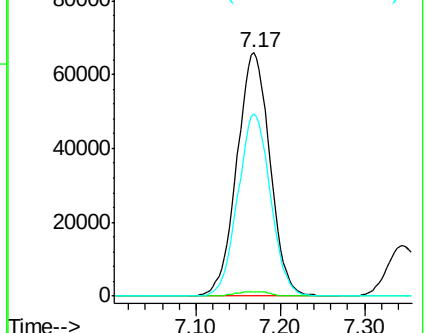
130 73.6 59.8 89.8

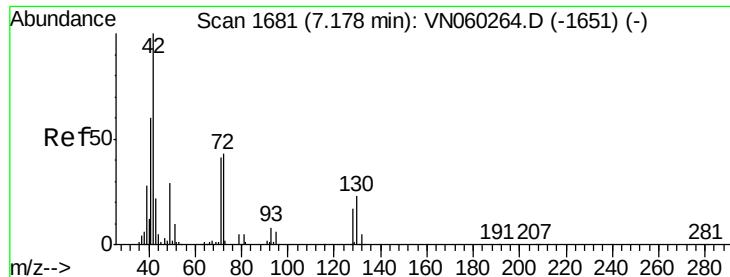


Abundance Ion 48.90 (48.60 to 49.60): VN060265.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060265.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060265.D (-1585) (-)

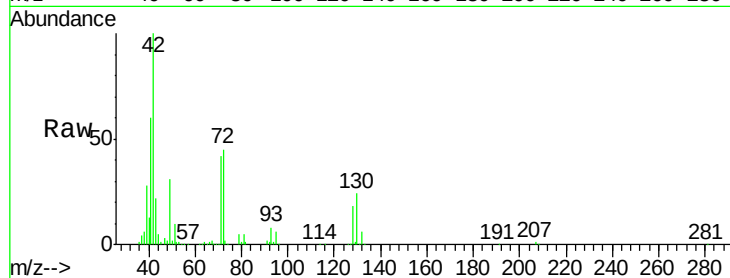




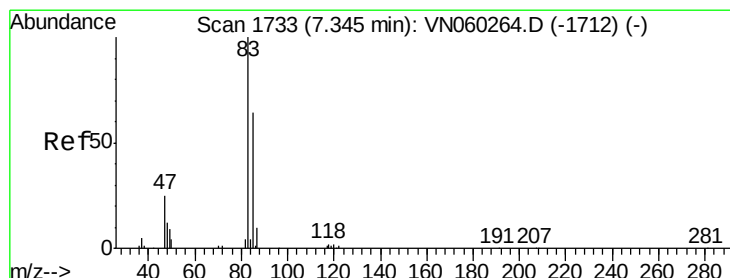
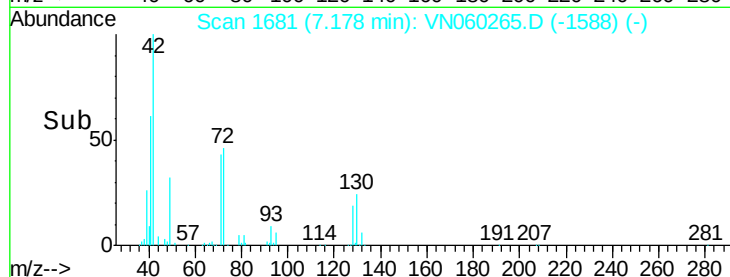
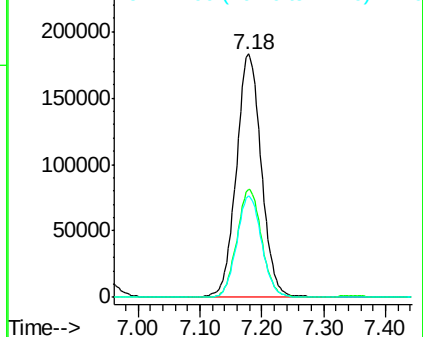
#29
Tetrahydrofuran
Concen: 540.47 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 512750
Ion Ratio Lower Upper
42 100
72 44.0 34.6 52.0
71 41.6 32.9 49.3

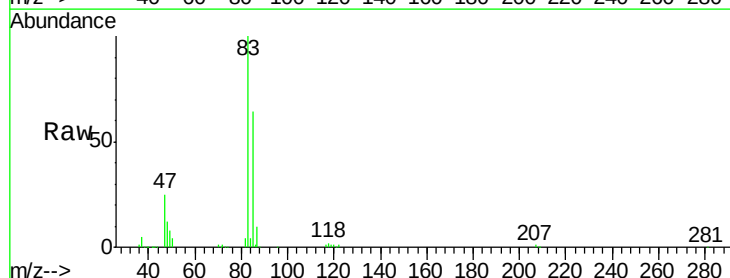


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

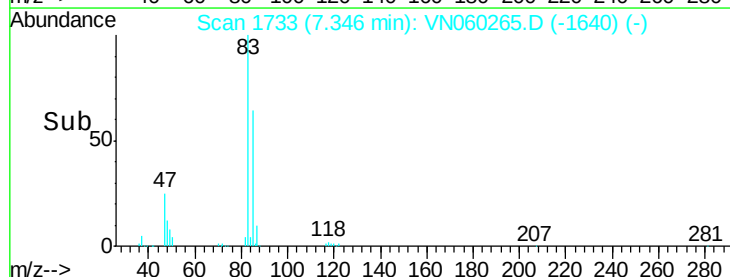
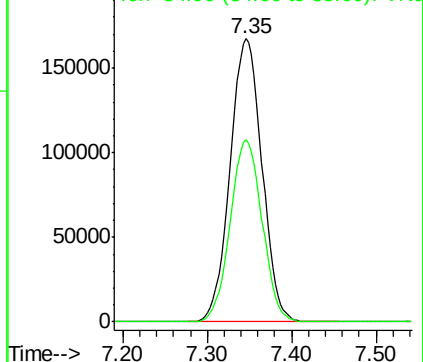


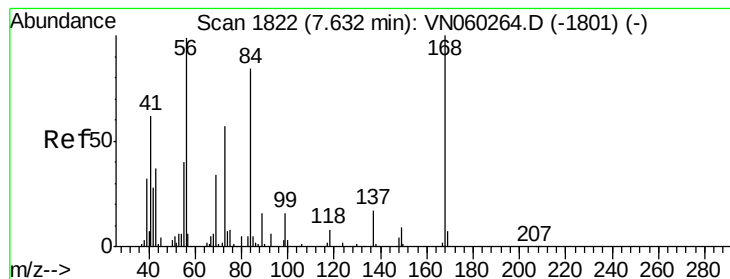
#30
Chloroform
Concen: 99.58 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 83 Resp: 439964
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2



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





#31

Cyclohexane

Concen: 96.71 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

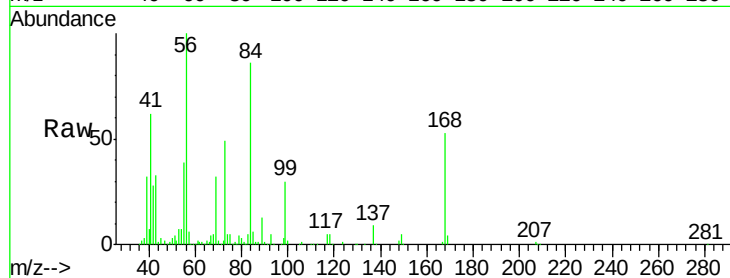
Tgt Ion: 56 Resp: 382859

Ion Ratio Lower Upper

56 100

69 32.2 27.2 40.8

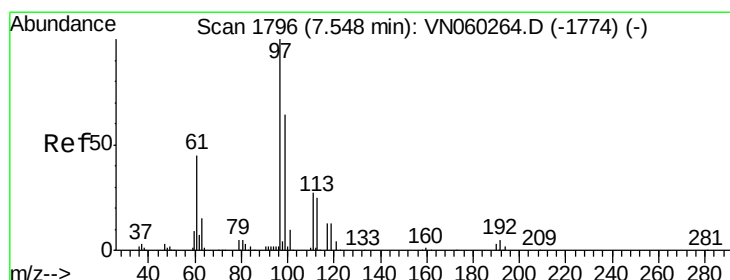
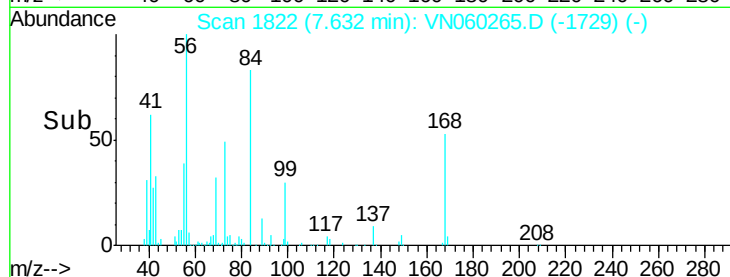
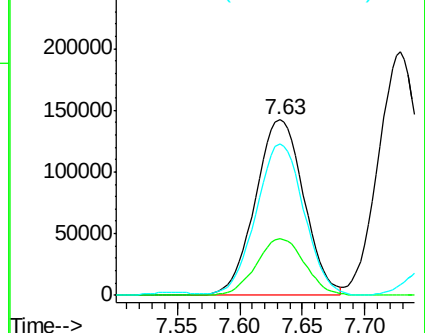
84 85.0 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VN060265.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060265.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060265.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 98.24 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

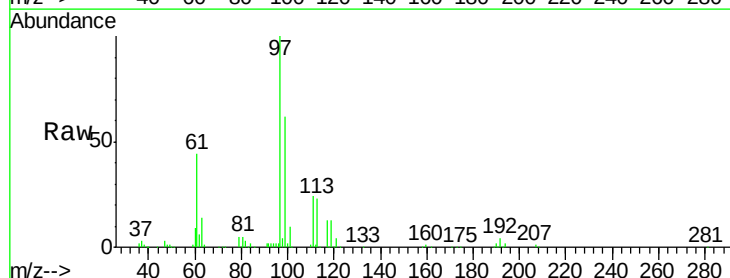
Tgt Ion: 97 Resp: 394449

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

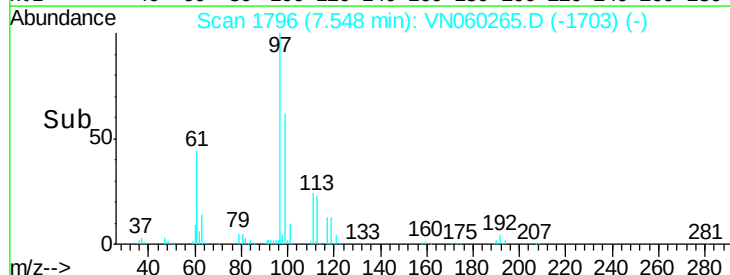
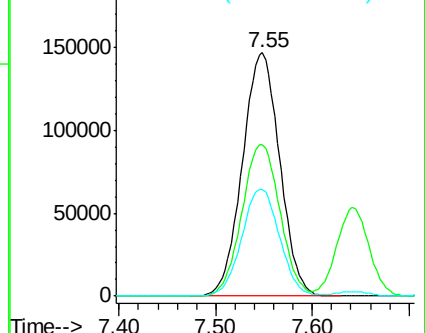
61 44.4 36.6 55.0

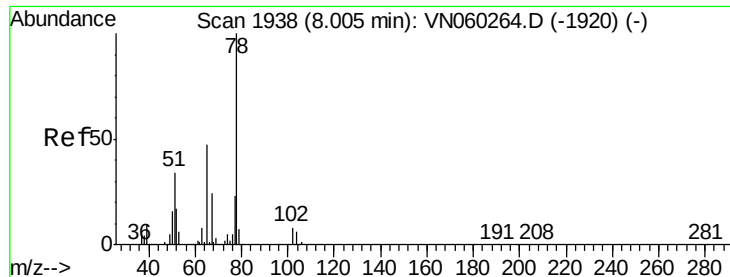


Abundance Ion 96.90 (96.60 to 97.60): VN060265.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060265.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060265.D (-1703) (-)

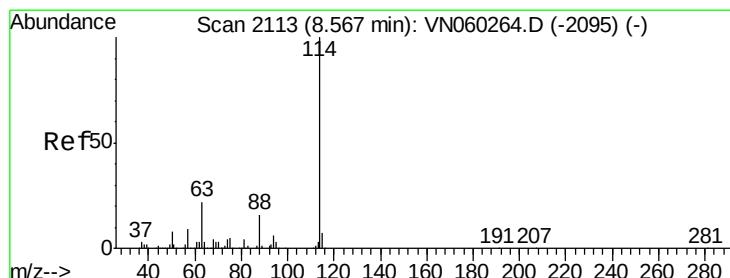
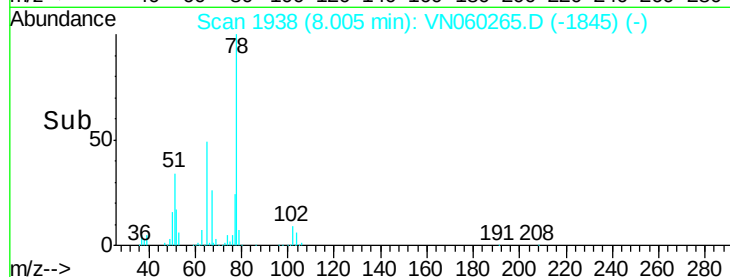
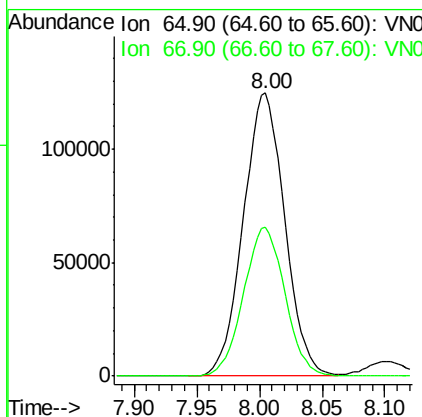
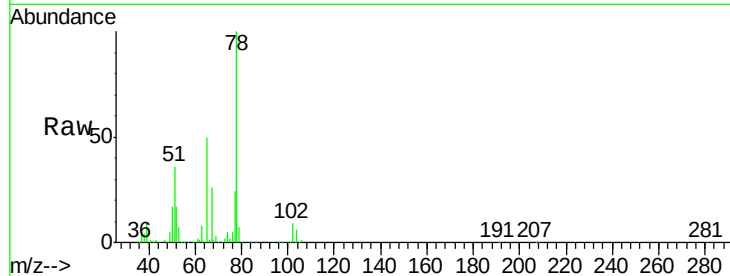




#33
 1,2-Dichloroethane-d4
 Concen: 103.46 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

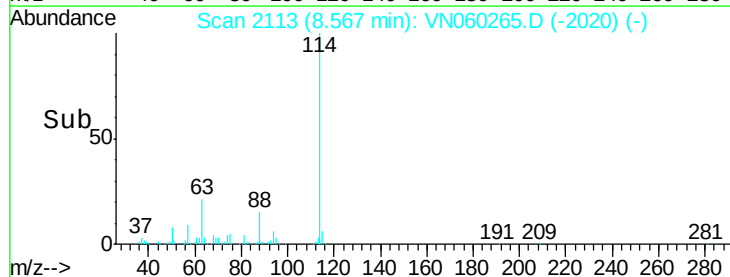
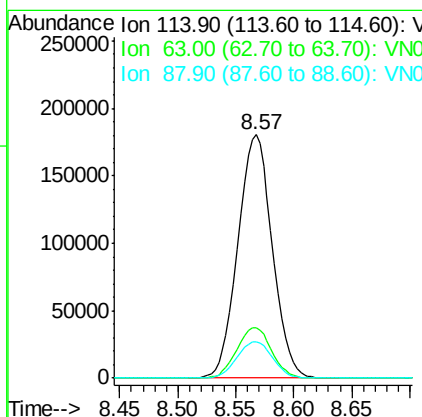
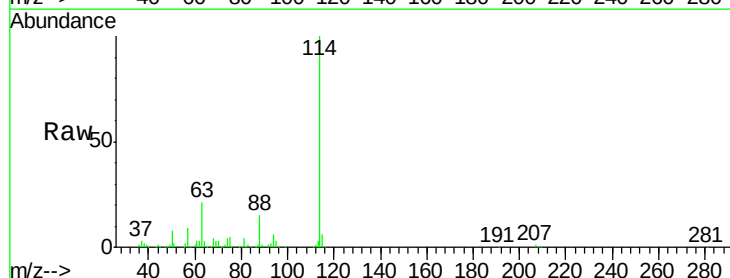
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

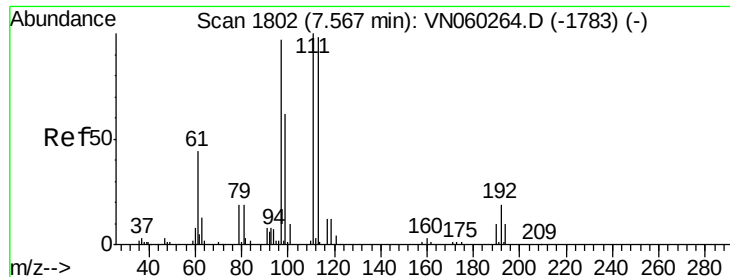
Tgt Ion: 65 Resp: 286818
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 114 Resp: 371535
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.1 0.0 31.6

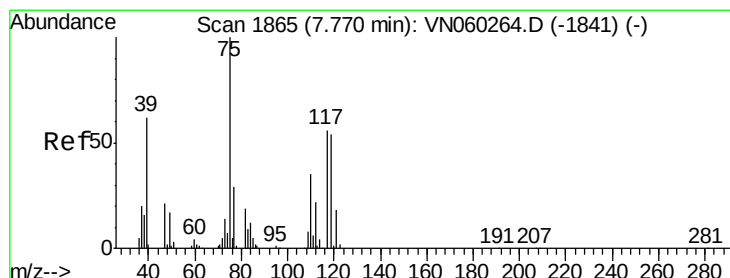
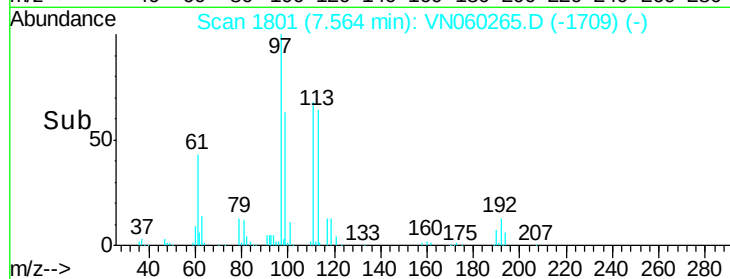
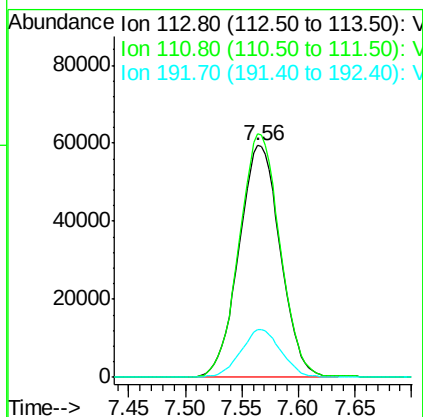
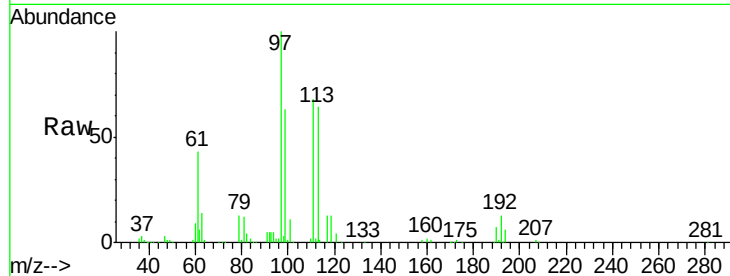




#35
 Dibromofluoromethane
 Concen: 70.36 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

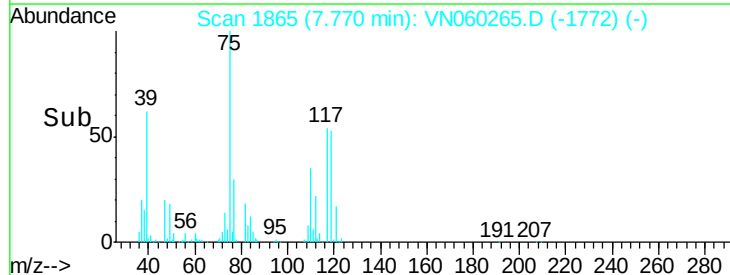
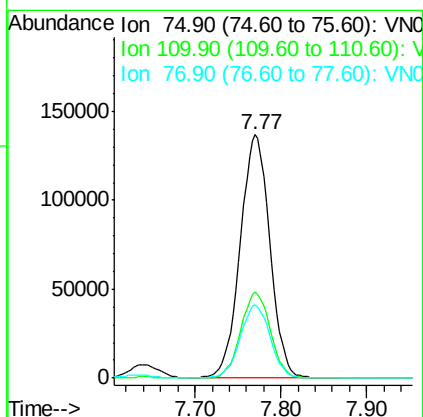
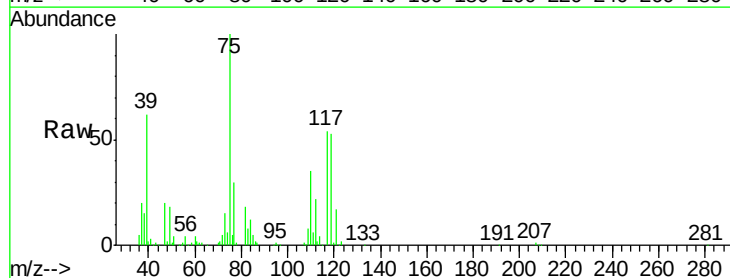
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

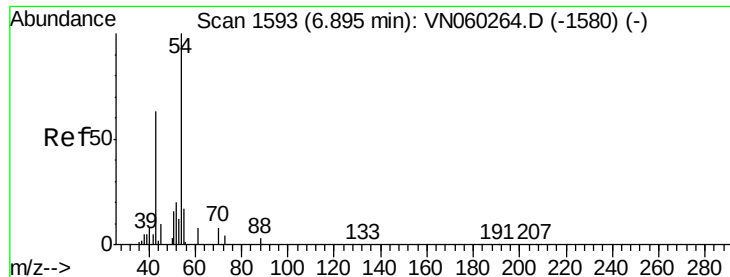
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	20.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 95.45 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	52.0
77	30.6	24.2	36.2

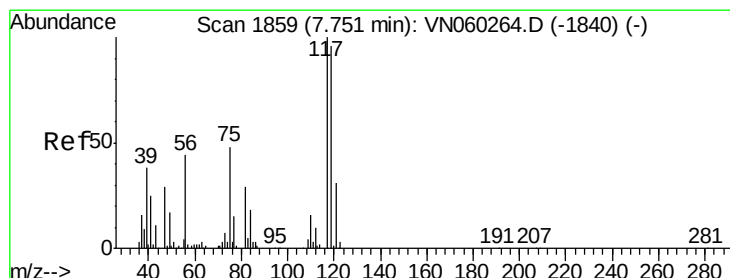
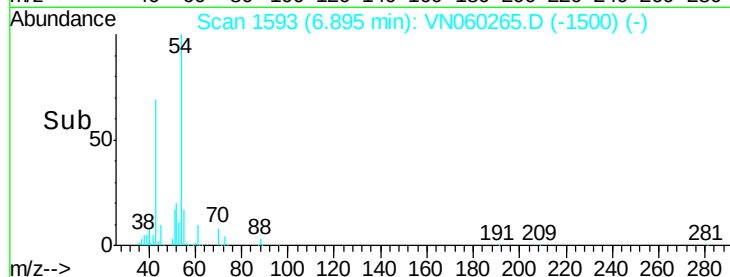
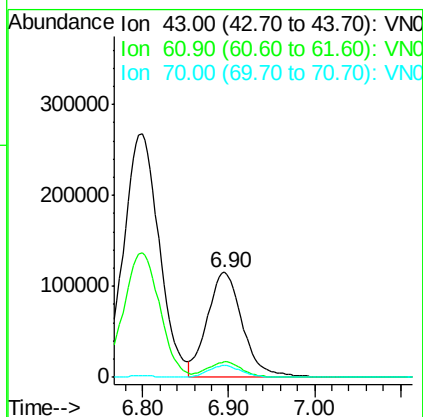
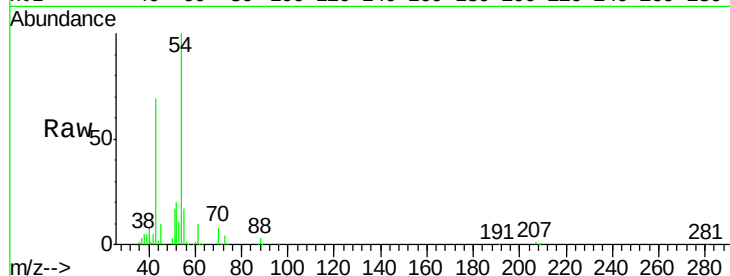




#37
Ethyl Acetate
Concen: 103.95 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

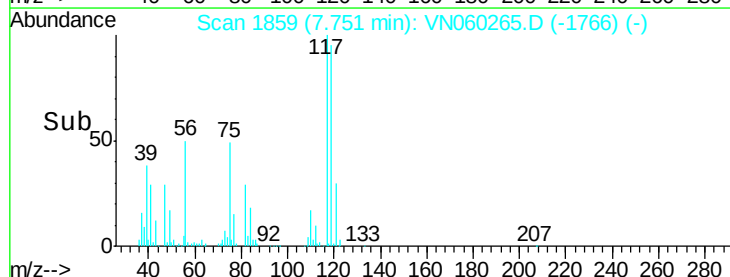
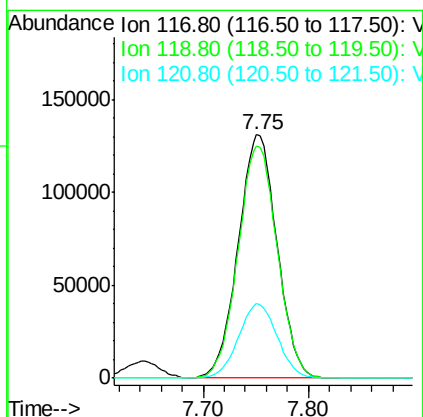
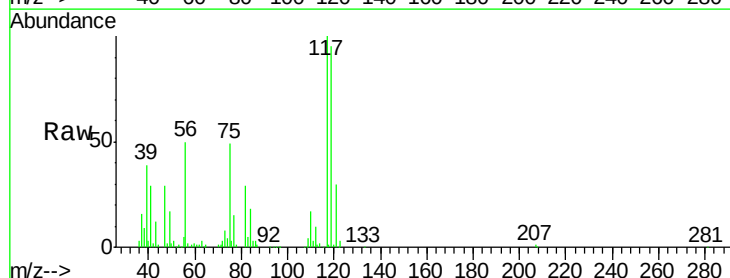
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

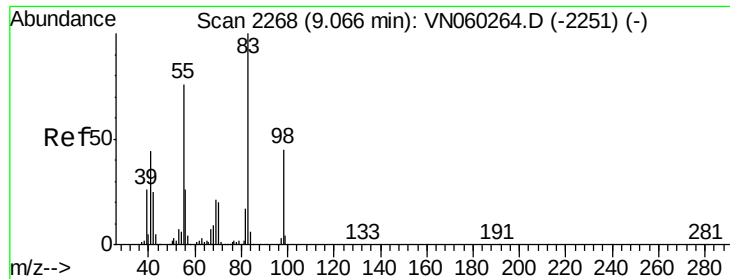
Tgt Ion: 43 Resp: 327352
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 90.97 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 117 Resp: 335619
Ion Ratio Lower Upper
117 100
119 95.5 76.7 115.1
121 30.4 24.5 36.7

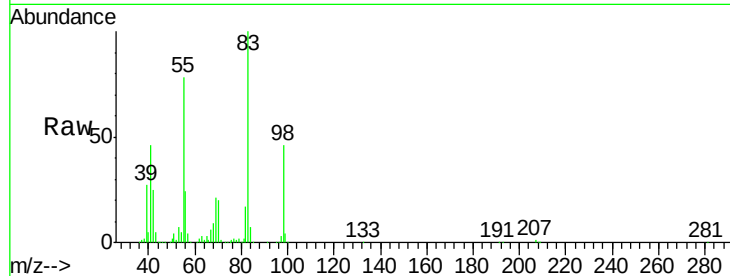




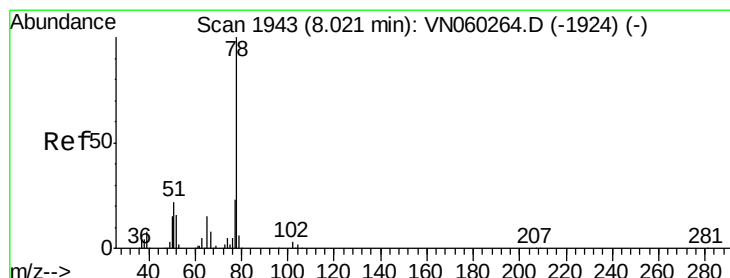
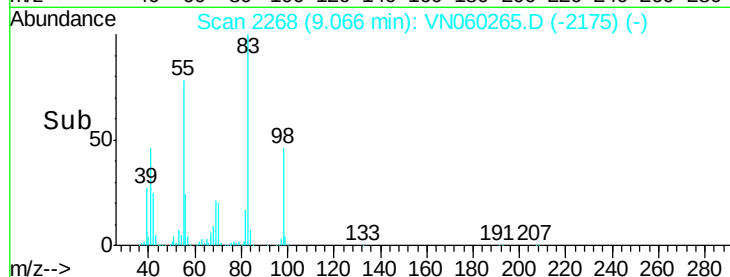
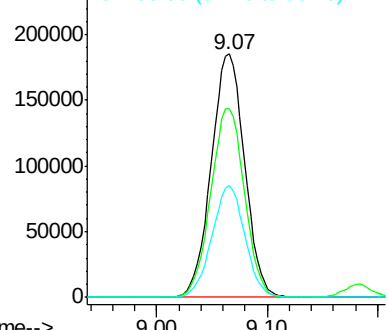
#39
Methylcyclohexane
Concen: 91.65 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 388240
Ion Ratio Lower Upper
83 100
55 77.7 61.0 91.4
98 45.7 36.1 54.1

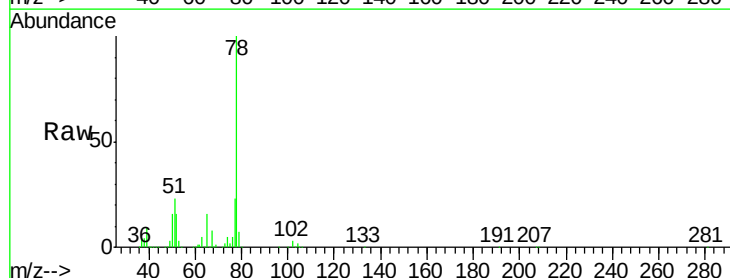


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

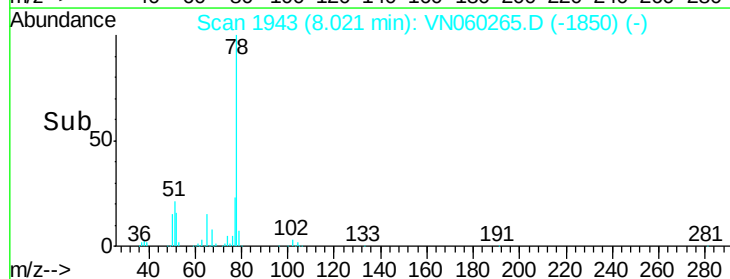
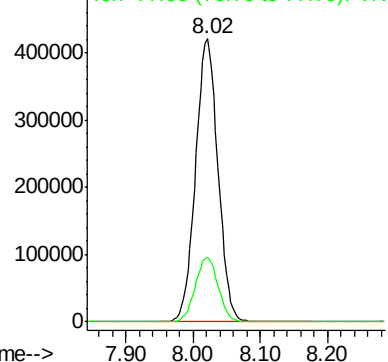


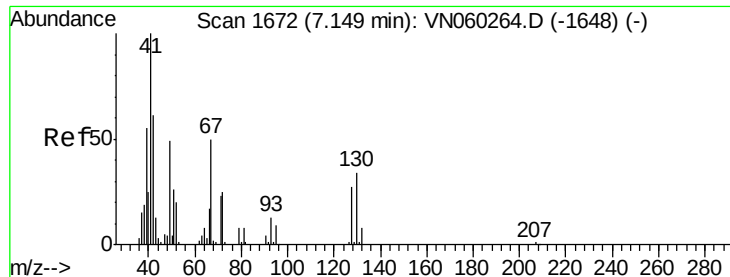
#40
Benzene
Concen: 95.82 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 78 Resp: 978289
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2



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

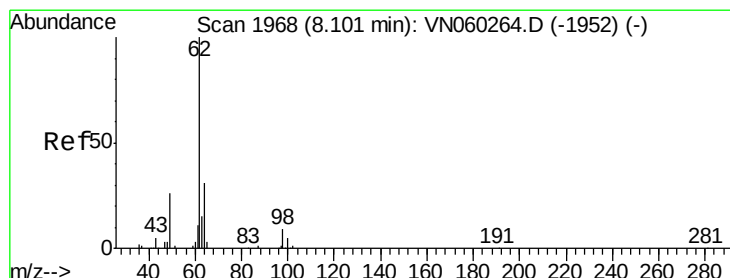
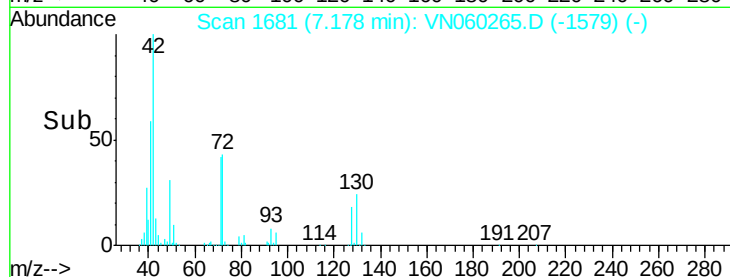
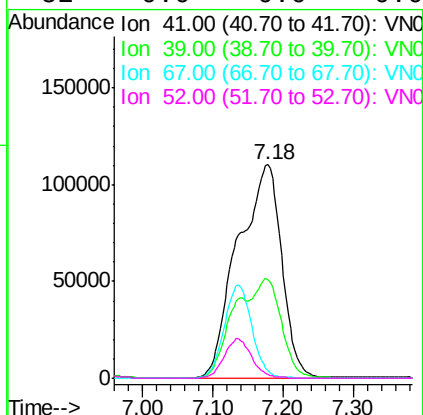
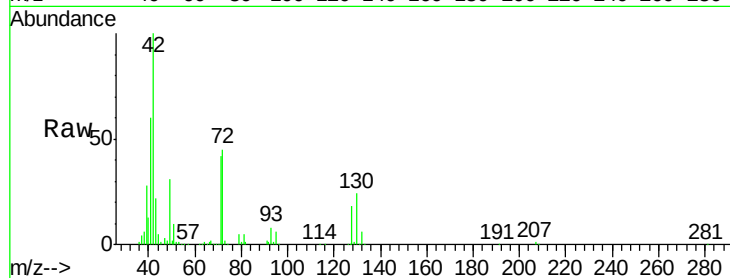




#41
Methacrylonitrile
Concen: 358.40 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

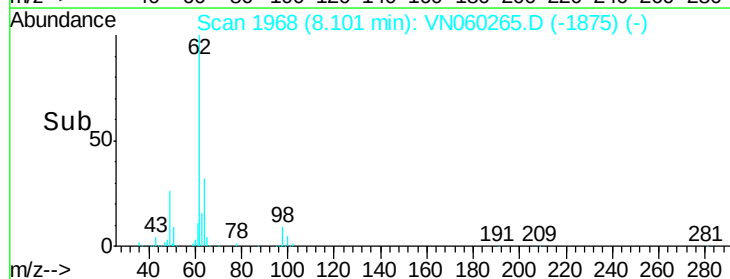
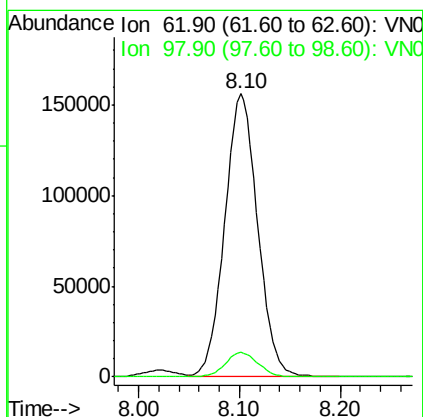
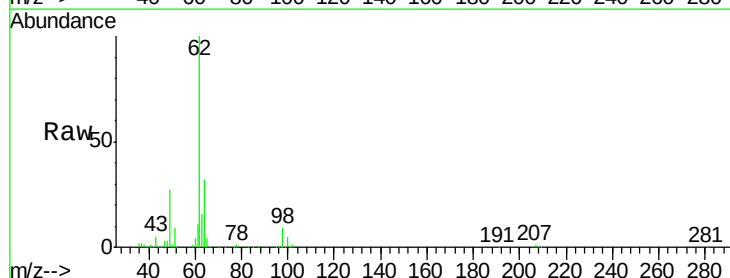
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

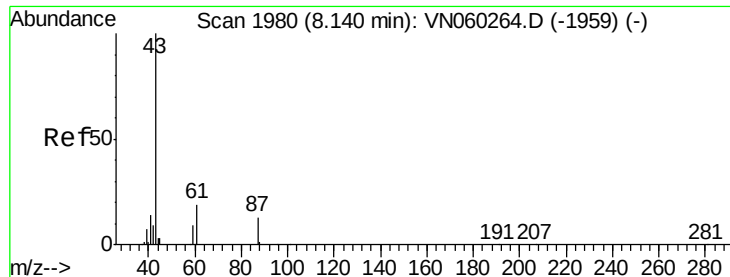
Tgt Ion:	41	Resp:	478537
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 98.62 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion:	62	Resp:	354209
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 106.65 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

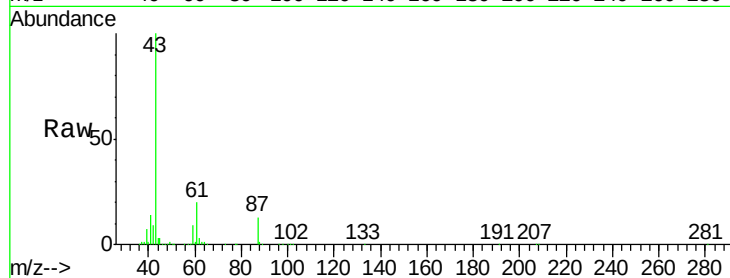
Tgt Ion: 43 Resp: 576182

Ion Ratio Lower Upper

43 100

61 26.1 20.9 31.3

87 12.9 10.6 16.0

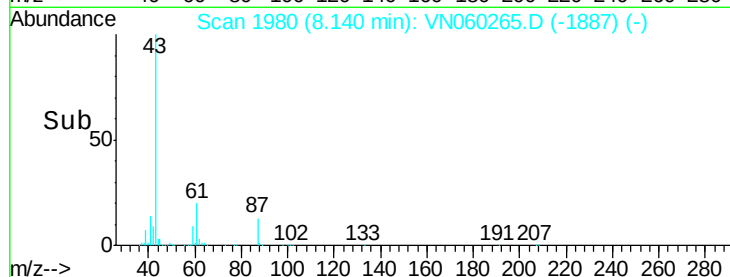


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

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

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

Time-->

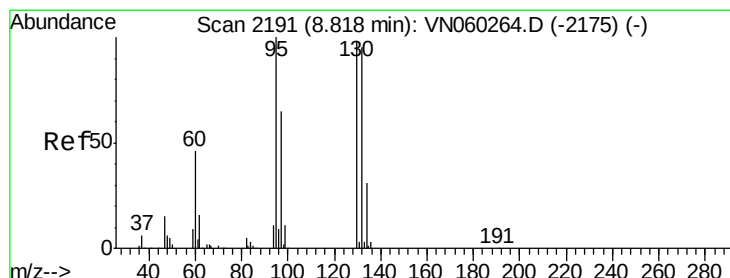


Abundance Ion 43.00 (42.70 to 43.70): VN060265.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060265.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060265.D (-1887) (-)

Time-->



#44

Trichloroethene

Concen: 94.22 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060265.D

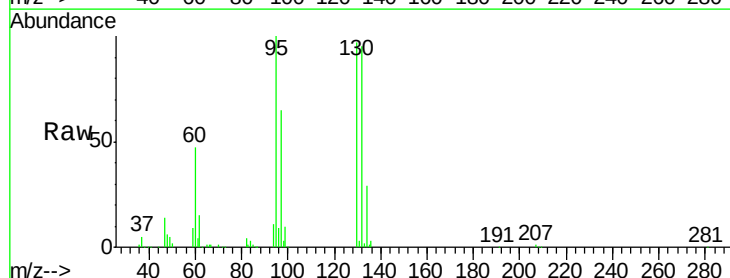
Acq: 27 Feb 2020 11:51

Tgt Ion: 130 Resp: 265675

Ion Ratio Lower Upper

130 100

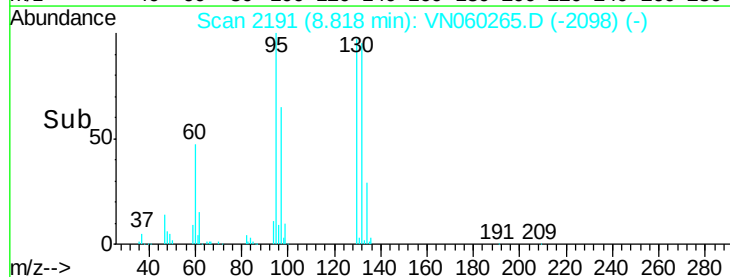
95 103.1 0.0 203.4



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

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

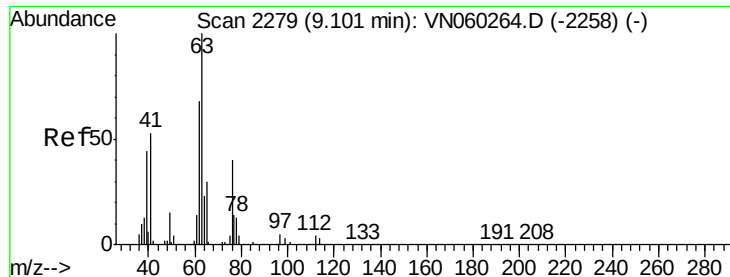
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN060265.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060265.D (-2098) (-)

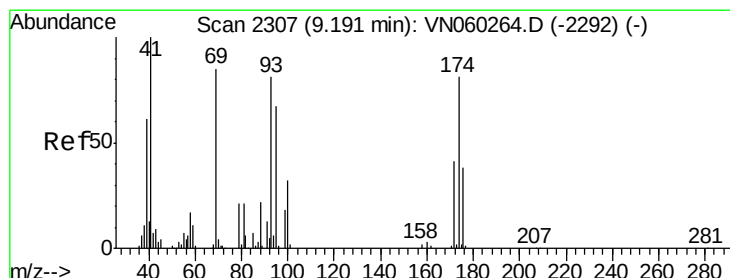
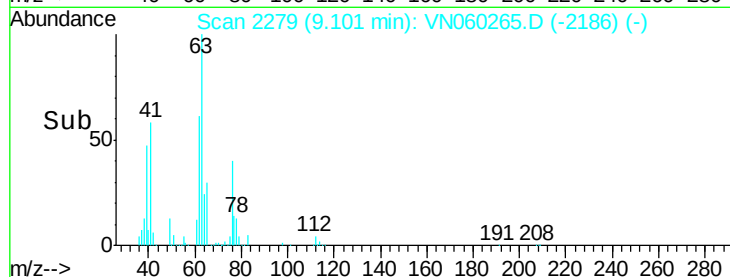
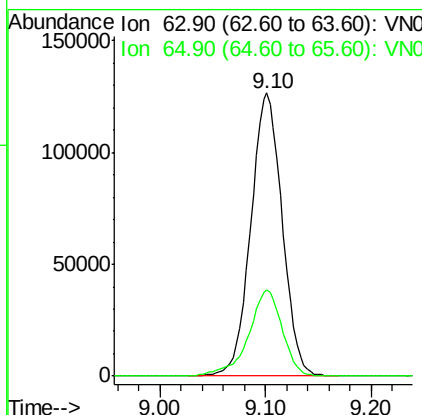
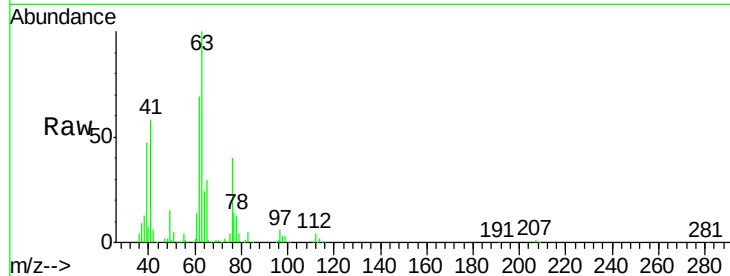
Time-->



#45
 1,2-Dichloropropane
 Concen: 102.91 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

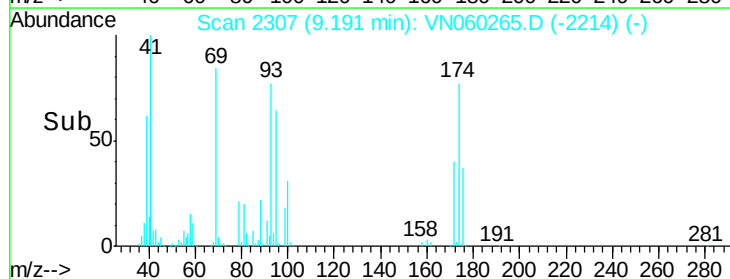
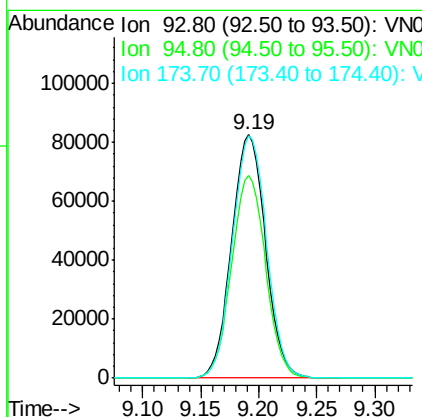
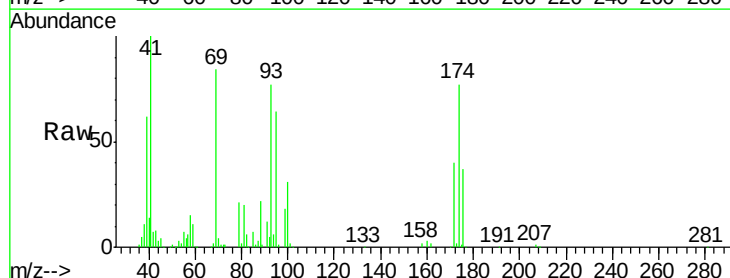
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

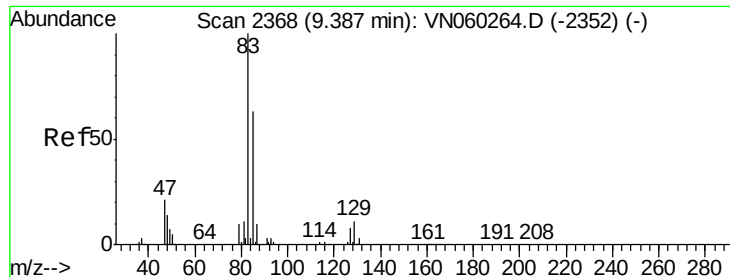
Tgt Ion: 63 Resp: 262440
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 94.68 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 93 Resp: 167974
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 100.5 79.6 119.4





#47

Bromodichloromethane

Concen: 97.10 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

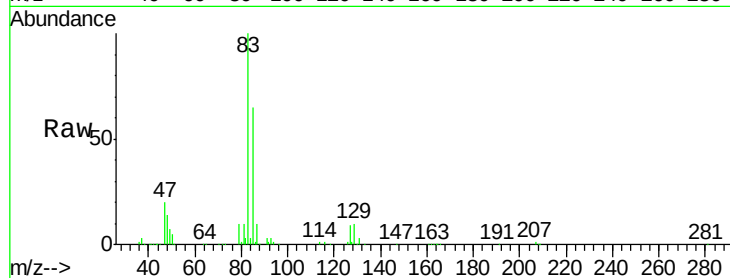
Tgt Ion: 83 Resp: 351292

Ion Ratio Lower Upper

83 100

85 64.7 50.7 76.1

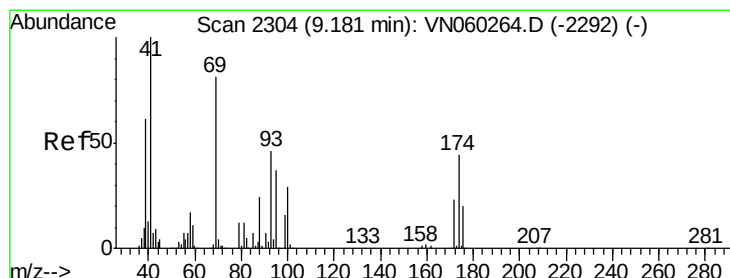
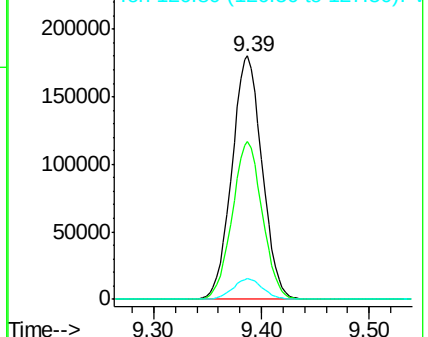
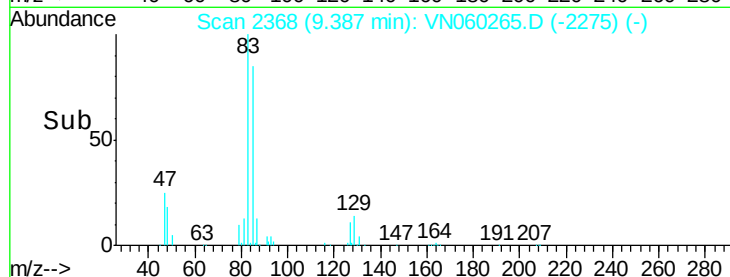
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060265.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060265.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060265.D (-2275) (-)



#48

Methyl methacrylate

Concen: 108.96 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

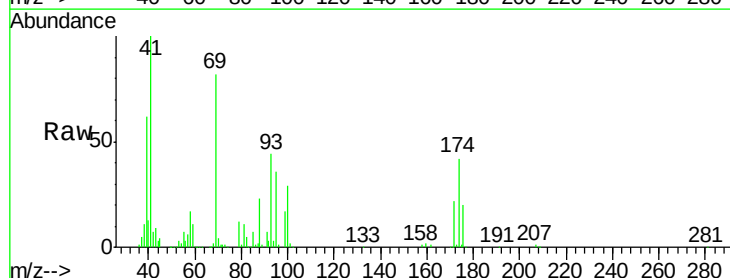
Tgt Ion: 41 Resp: 263907

Ion Ratio Lower Upper

41 100

69 83.8 66.7 100.1

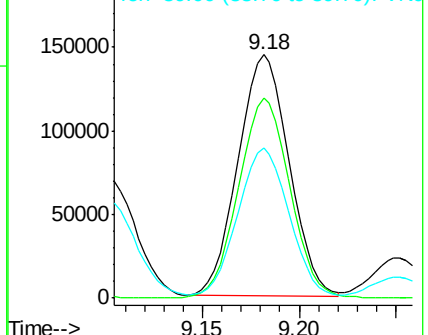
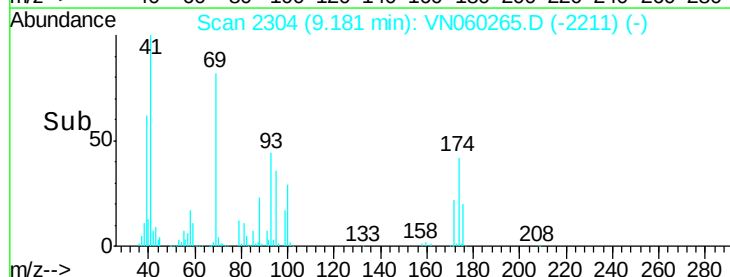
39 61.1 50.1 75.1

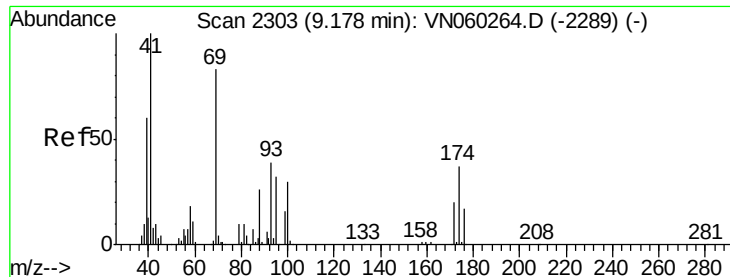


Abundance Ion 41.00 (40.70 to 41.70): VN060265.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060265.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060265.D (-2211) (-)

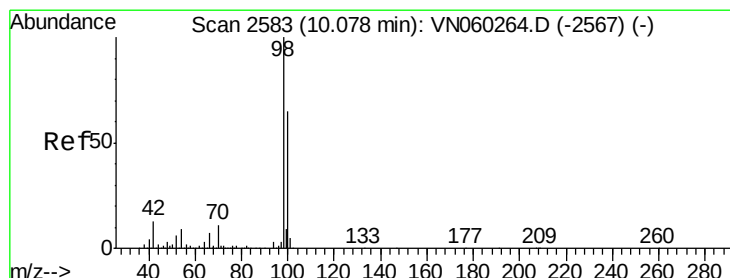
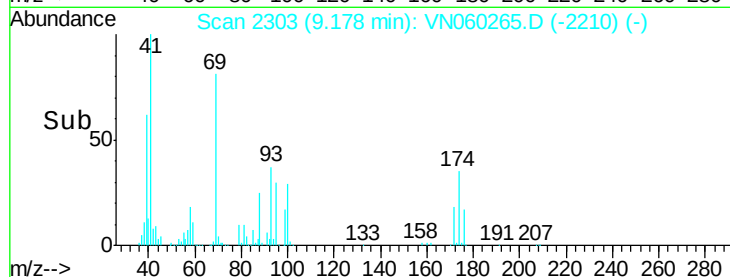
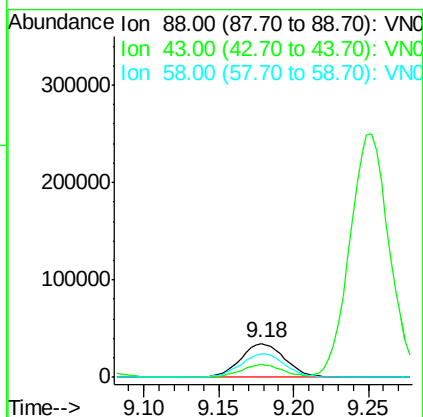
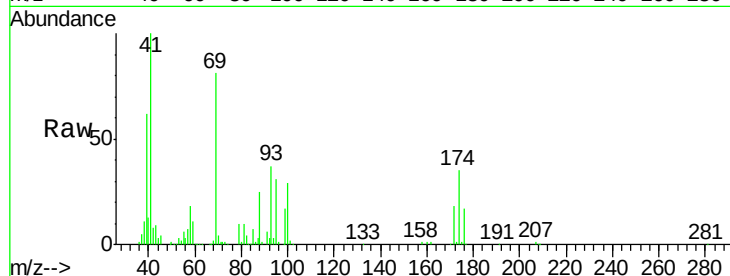




#49
1,4-Dioxane
Concen: 1805.17 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

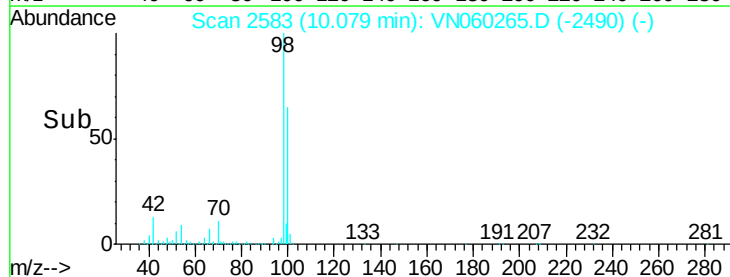
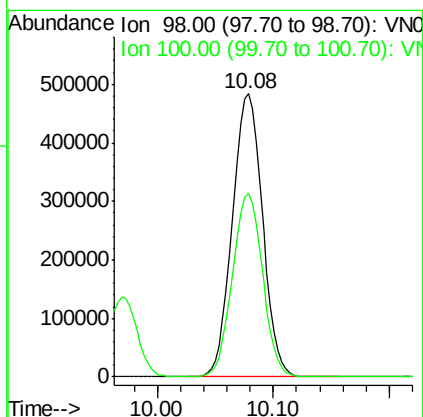
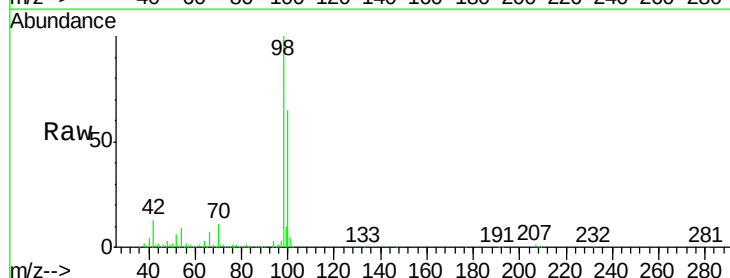
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

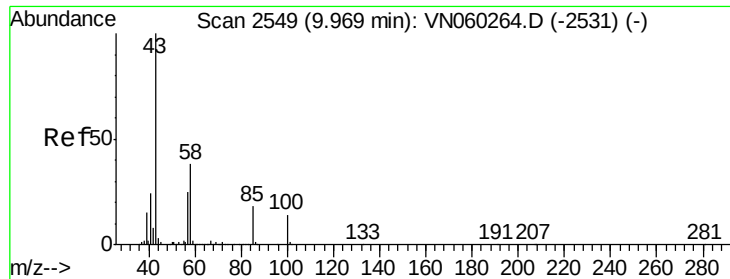
Tgt Ion: 88 Resp: 70818
Ion Ratio Lower Upper
88 100
43 34.6 30.4 45.6
58 70.5 57.0 85.6



#50
Toluene-d8
Concen: 98.42 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 98 Resp: 868878
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

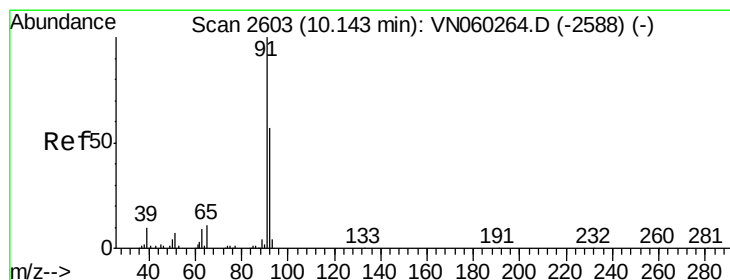
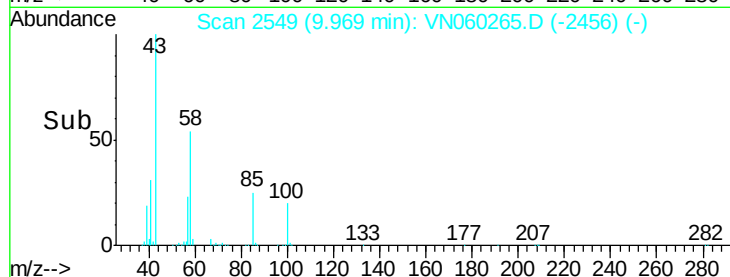
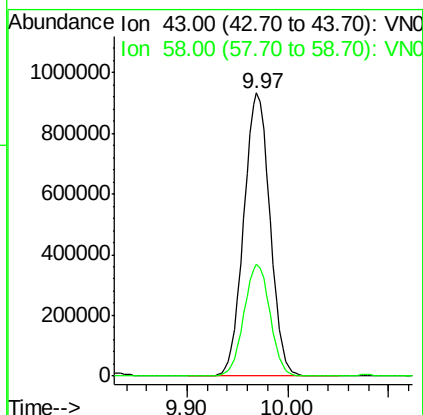
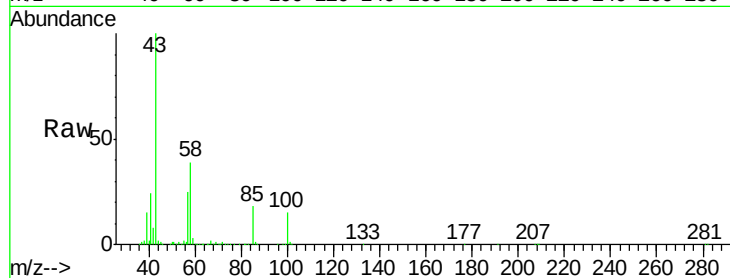




#51
 4-Methyl-2-Pentanone
 Concen: 535.48 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

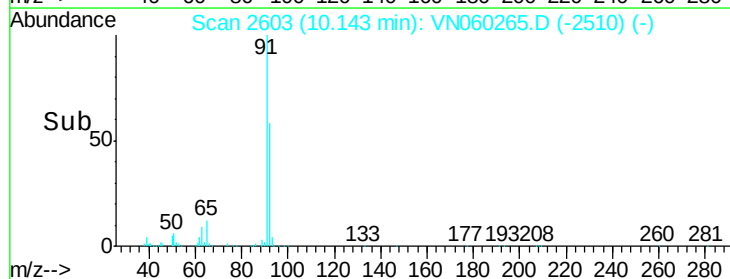
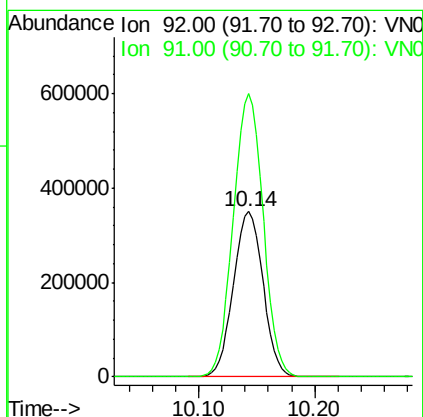
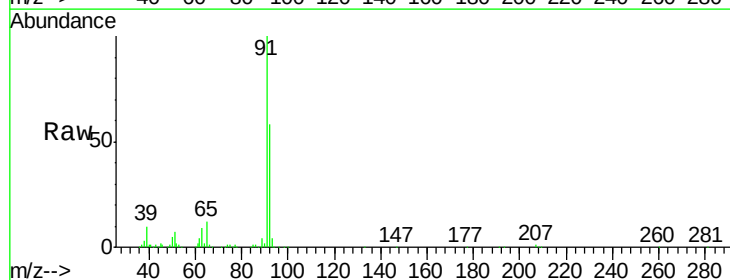
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

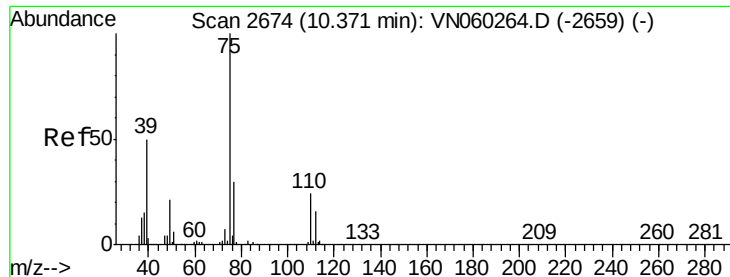
Tgt Ion: 43 Resp: 1666131
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.9 46.3



#52
 Toluene
 Concen: 95.41 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 92 Resp: 621833
 Ion Ratio Lower Upper
 92 100
 91 172.5 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 101.01 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

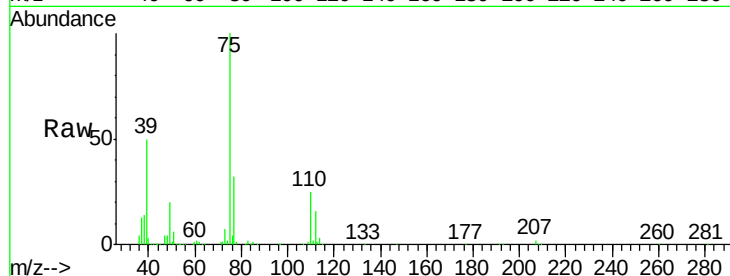
VSTDIC100

Tgt Ion: 75 Resp: 414801

Ion Ratio Lower Upper

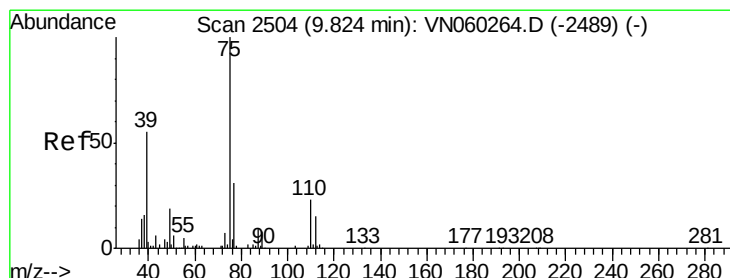
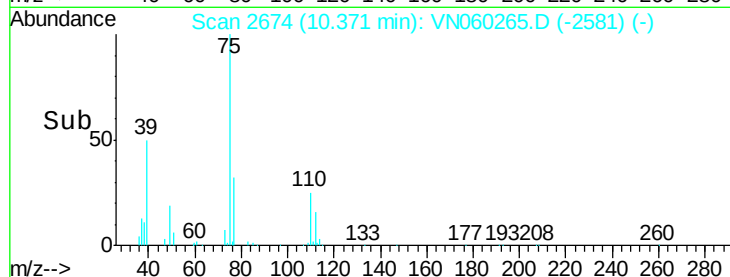
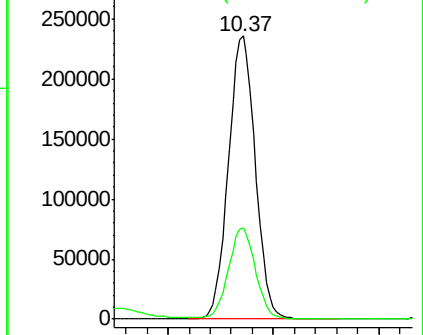
75 100

77 31.8 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: 100.23 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

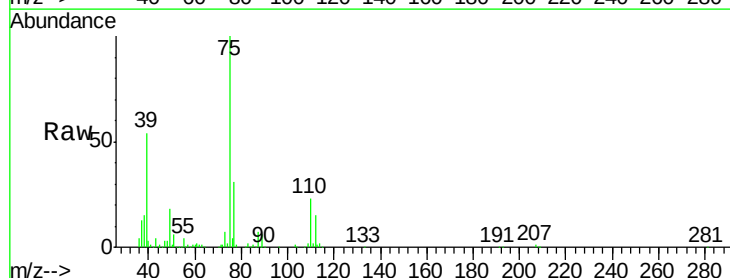
Tgt Ion: 75 Resp: 433814

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

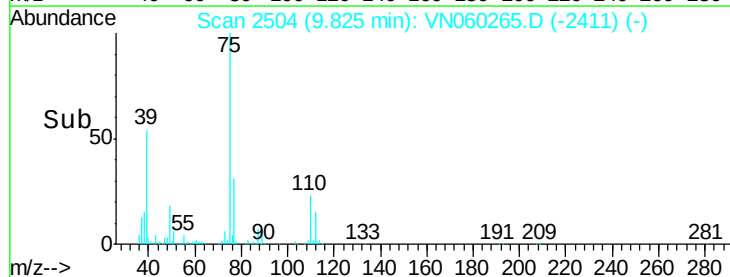
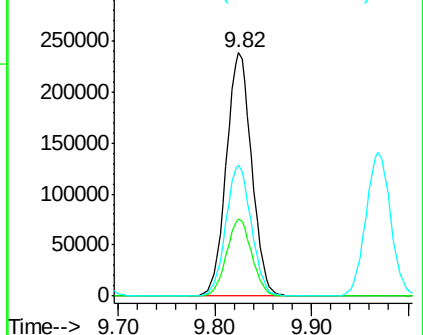
39 53.5 43.8 65.8

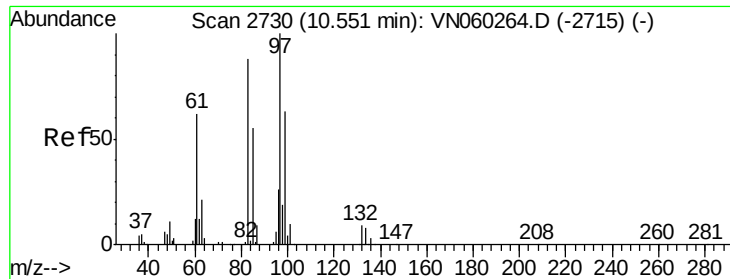


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

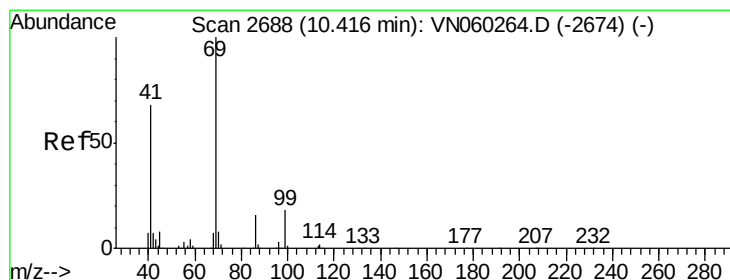
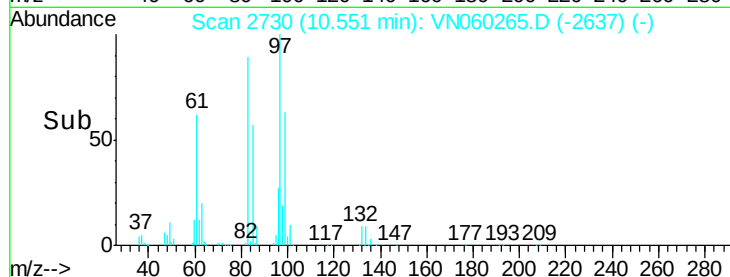
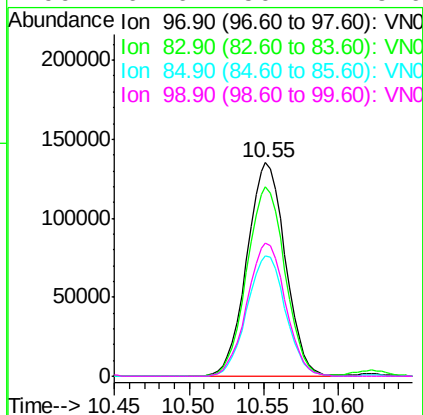
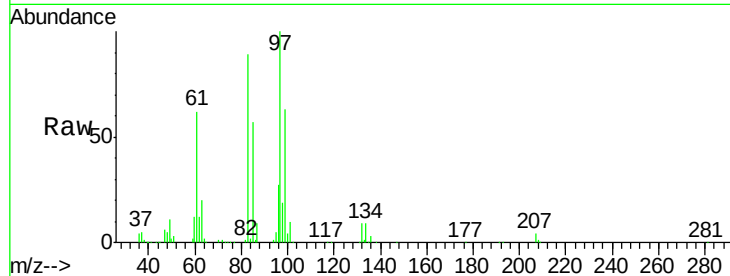




#55
 1,1,2-Trichloroethane
 Concen: 94.88 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

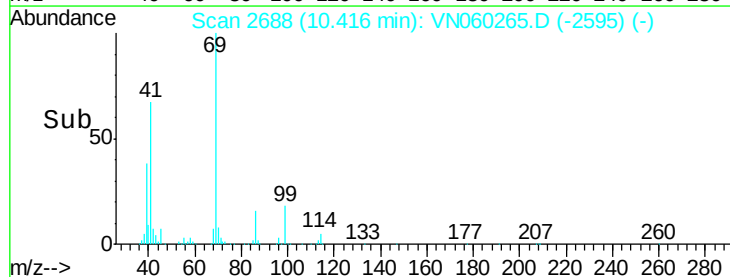
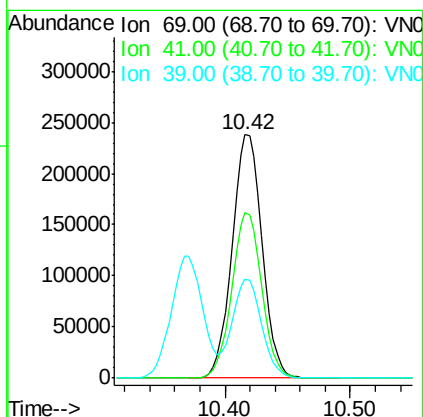
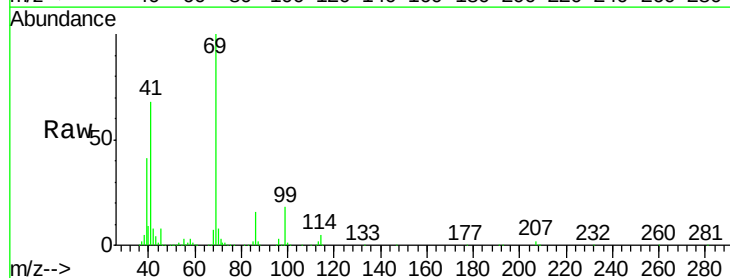
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

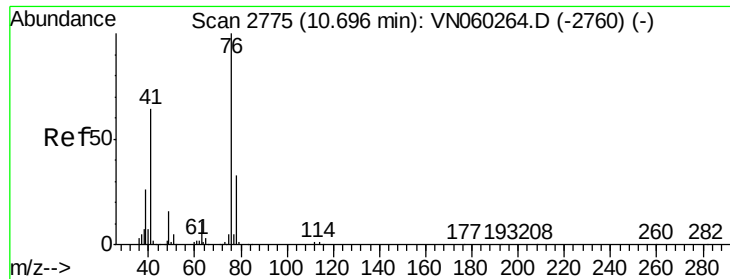
Tgt Ion:	97	Resp:	241347
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.0	105.0
85	56.6	44.0	66.0
99	62.6	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 108.68 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion:	69	Resp:	394233
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.1	81.1
39	40.2	32.5	48.7





#57

1,3-Dichloropropane

Concen: 97.58 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

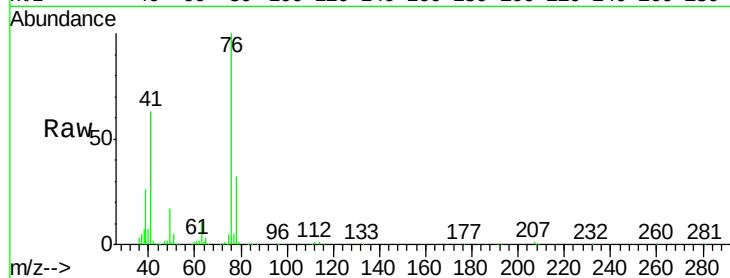
VSTDIC100

Tgt Ion: 76 Resp: 412022

Ion Ratio Lower Upper

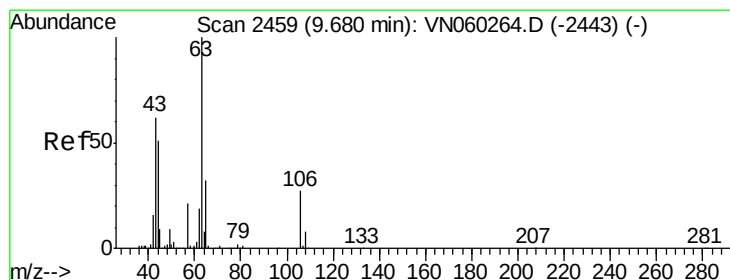
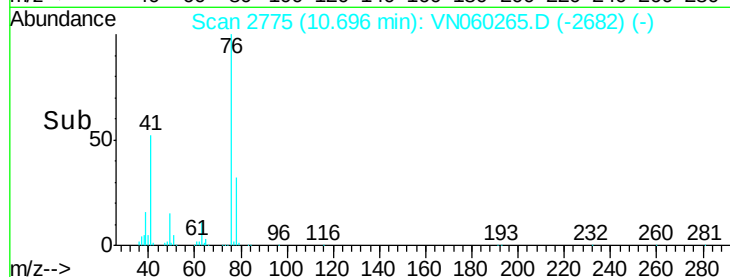
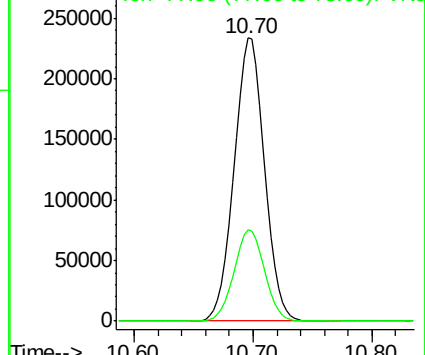
76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 577.89 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060265.D

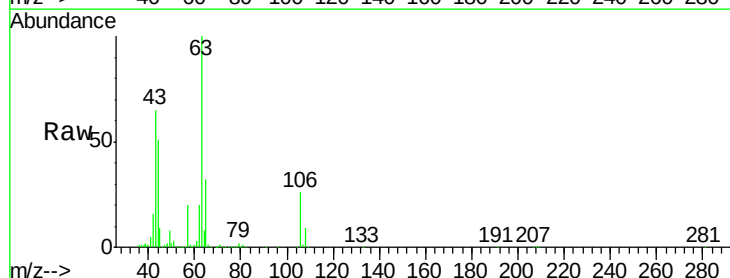
Acq: 27 Feb 2020 11:51

Tgt Ion: 63 Resp: 991702

Ion Ratio Lower Upper

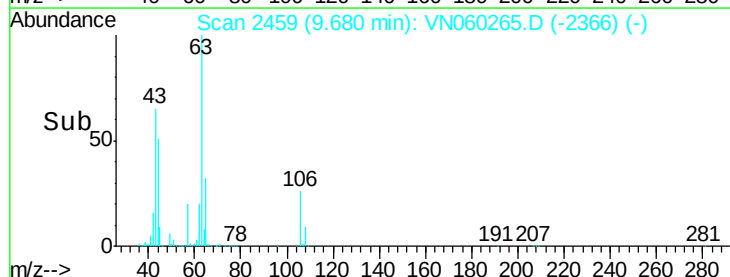
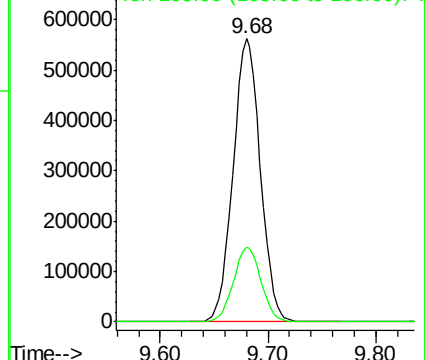
63 100

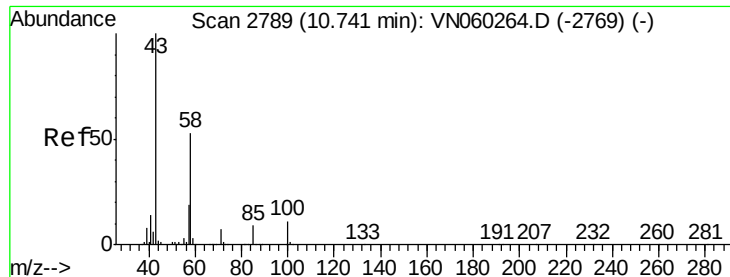
106 26.6 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 521.43 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

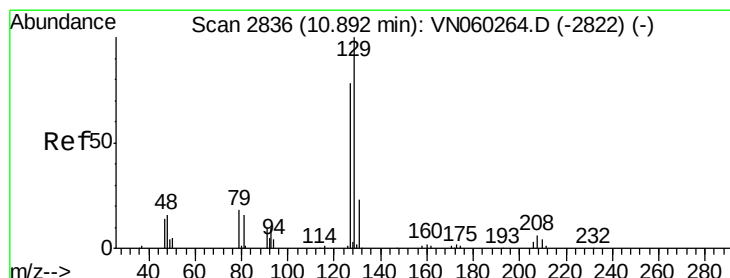
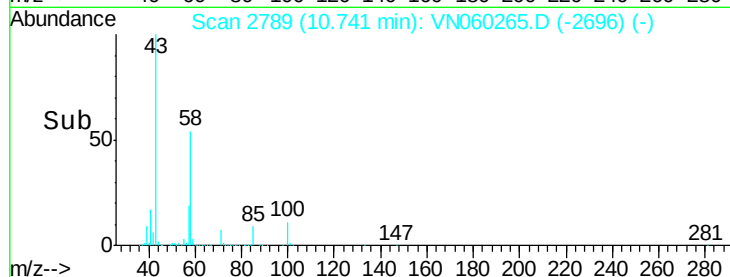
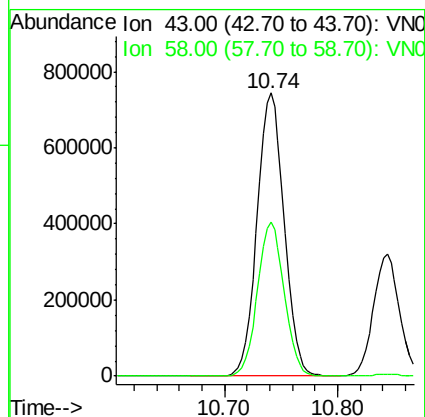
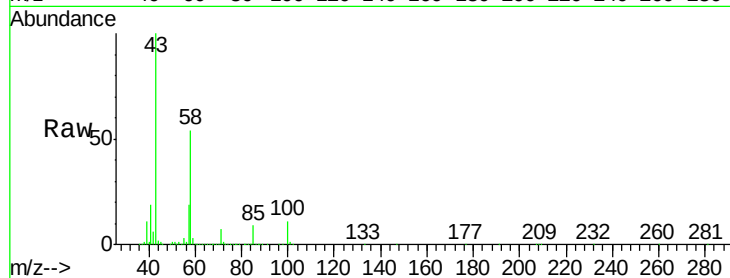
VSTDIC100

Tgt Ion: 43 Resp: 1234110

Ion Ratio Lower Upper

43 100

58 53.9 26.5 79.5



#60

Dibromochloromethane

Concen: 93.82 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN060265.D

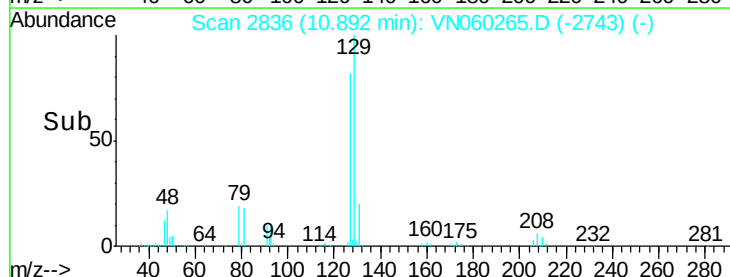
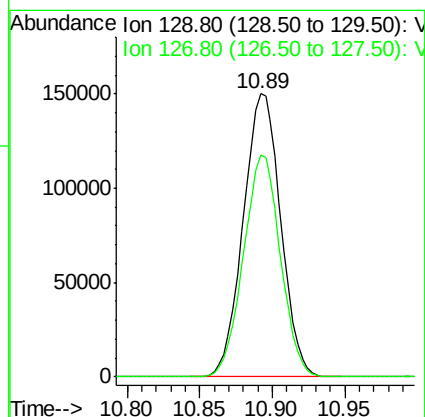
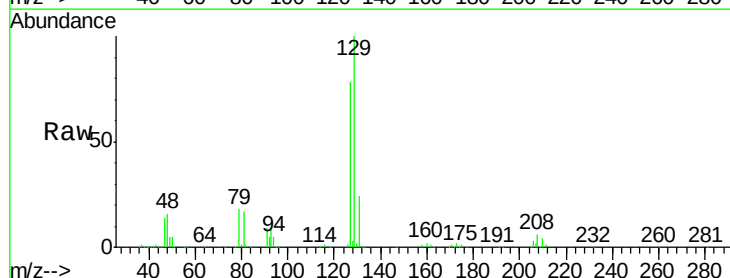
Acq: 27 Feb 2020 11:51

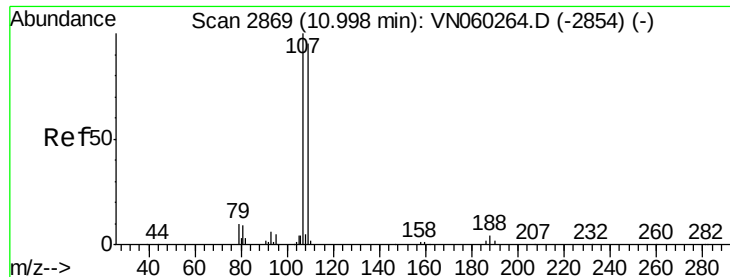
Tgt Ion: 129 Resp: 270051

Ion Ratio Lower Upper

129 100

127 77.2 38.9 116.7

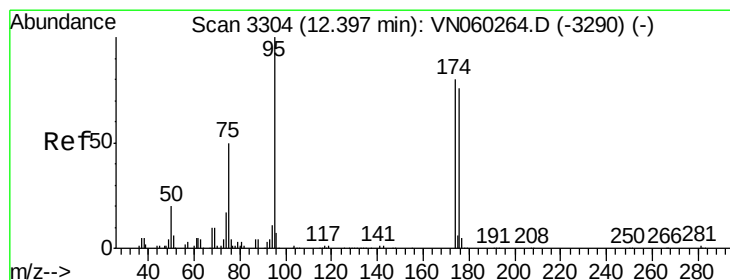
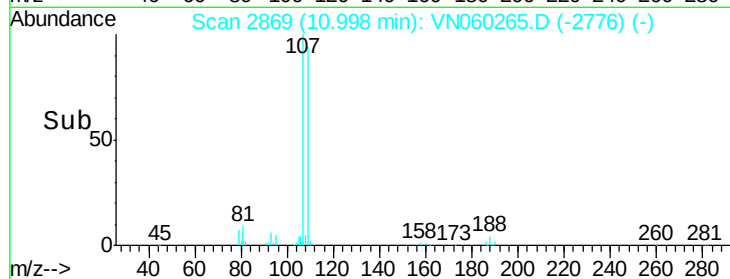
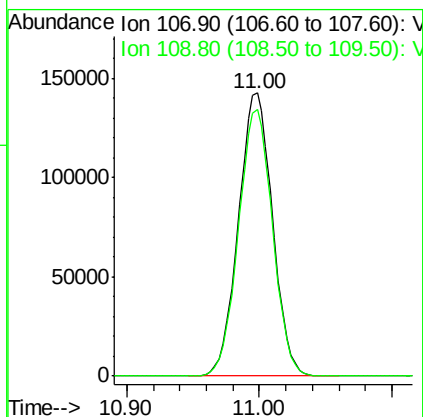
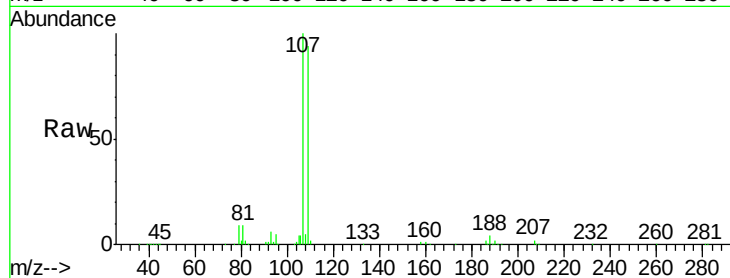




#61
 1,2-Dibromoethane
 Concen: 95.94 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

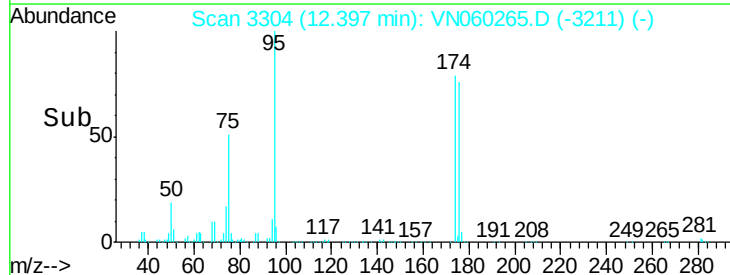
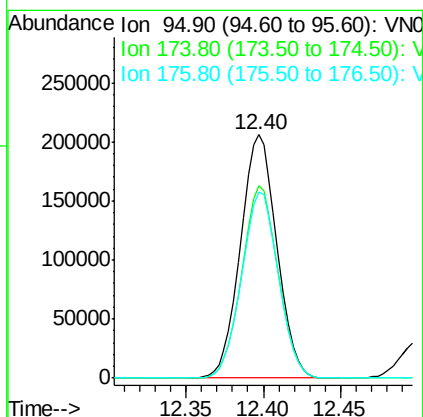
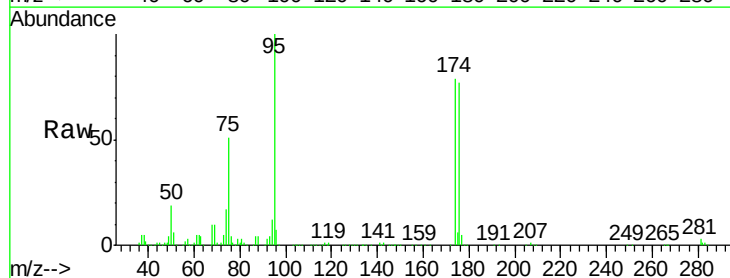
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

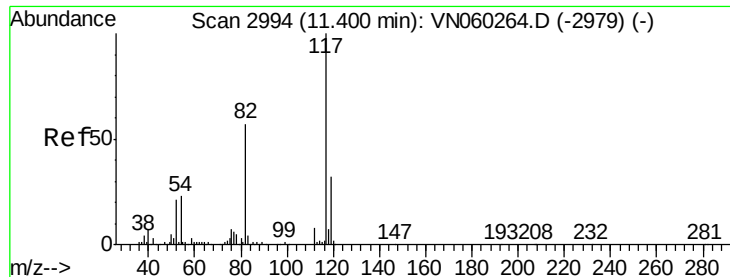
Tgt Ion: 107 Resp: 253857
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 102.85 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 95 Resp: 336101
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 159.2
 176 77.5 0.0 153.8

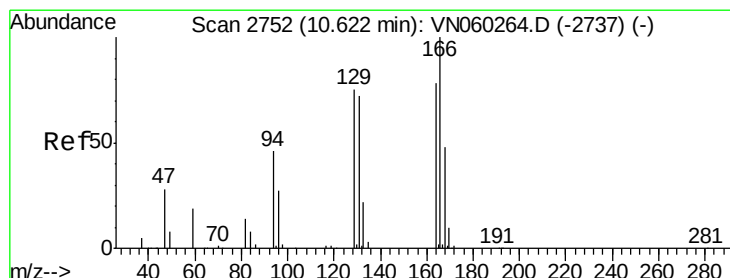
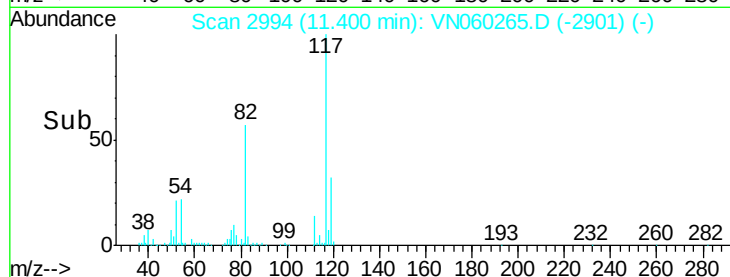
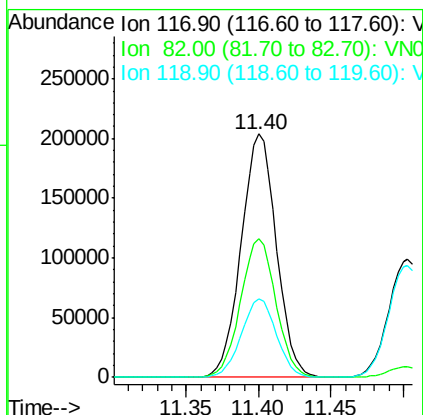
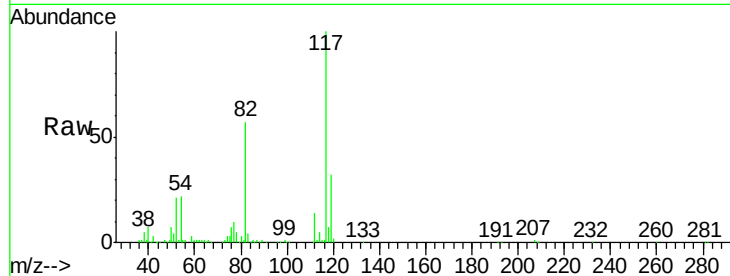




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

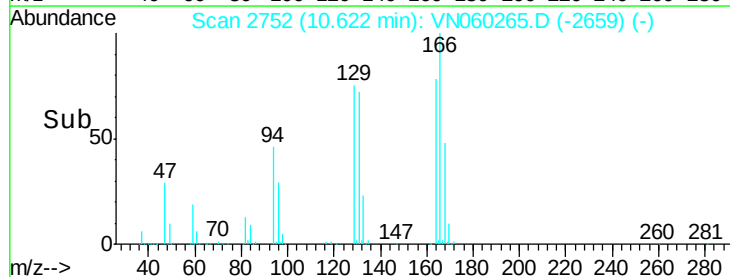
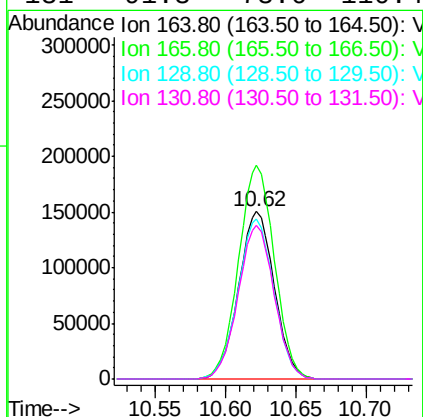
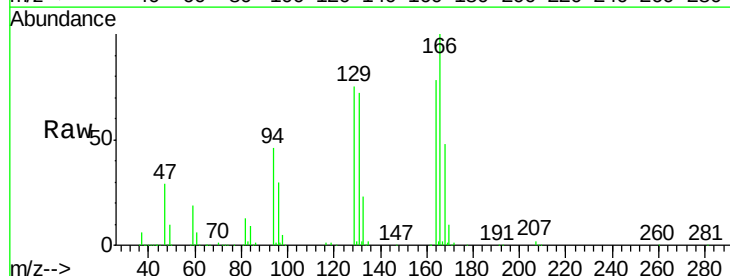
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

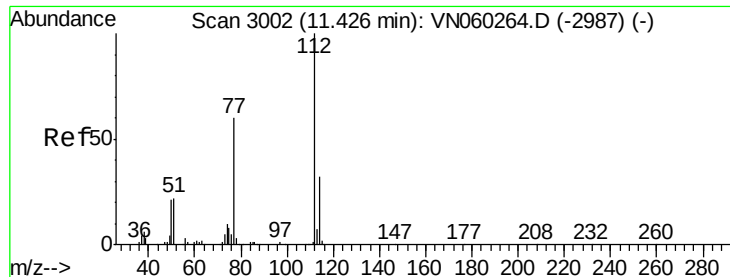
Tgt Ion:117 Resp: 344078
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 100.46 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion:164 Resp: 267196
Ion Ratio Lower Upper
164 100
166 127.4 102.0 153.0
129 95.2 76.4 114.6
131 91.3 73.6 110.4

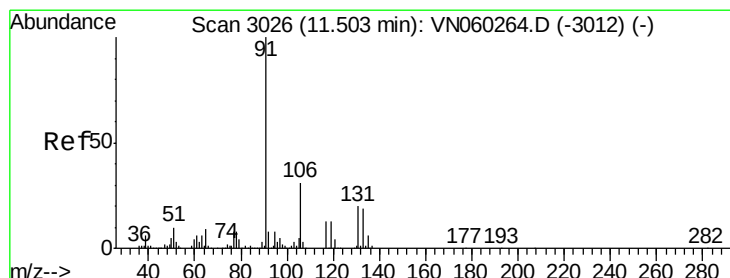
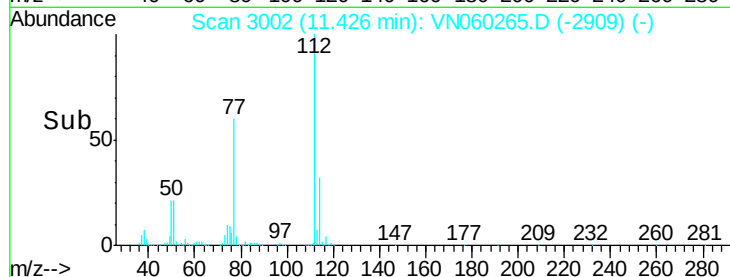
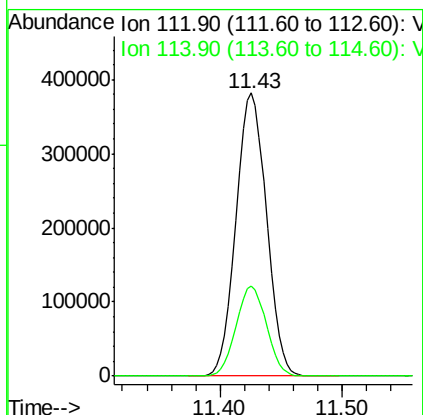
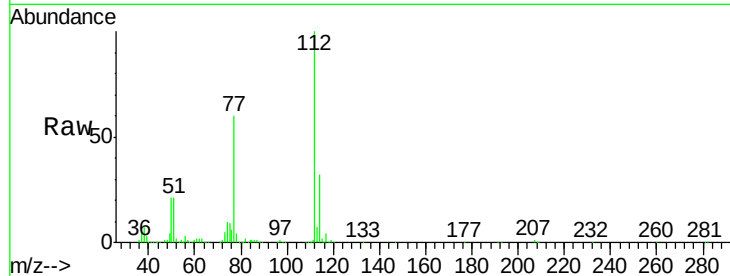




#65
Chlorobenzene
Concen: 94.62 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

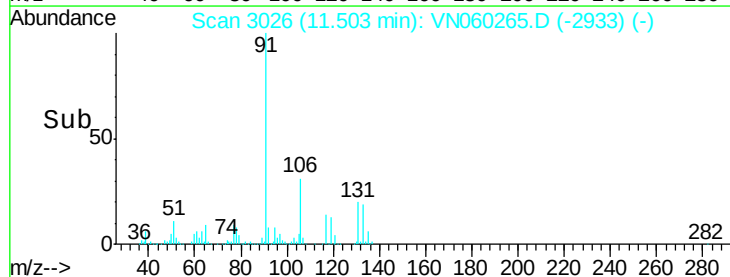
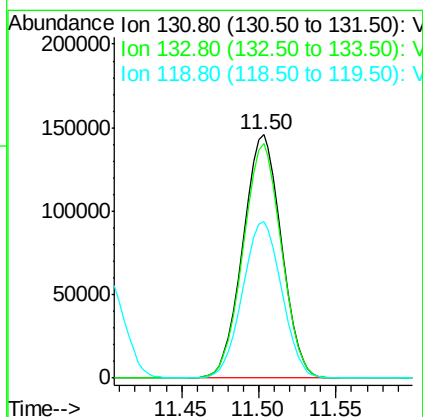
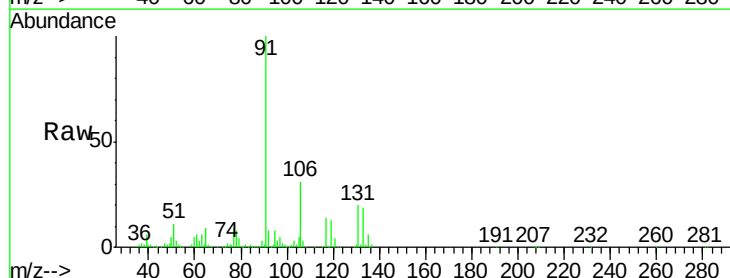
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

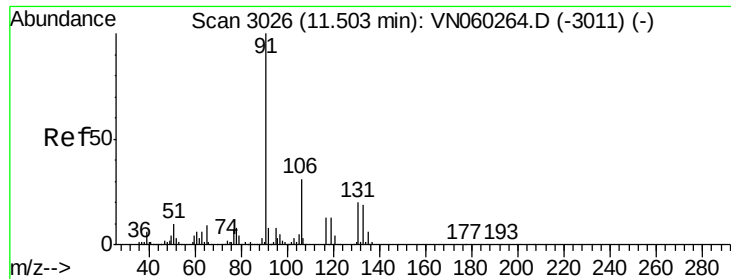
Tgt Ion:112 Resp: 659932
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 96.19 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion:131 Resp: 253211
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 65.4 33.2 99.6

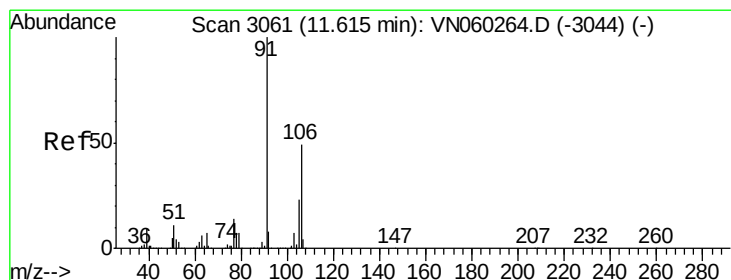
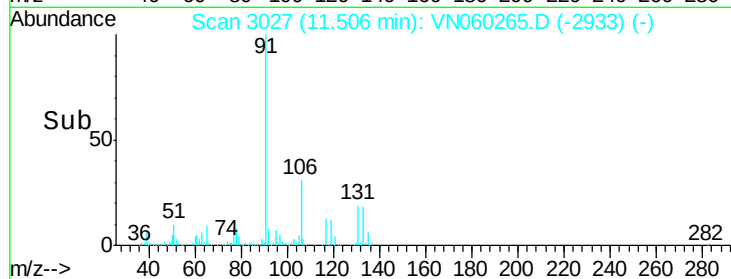
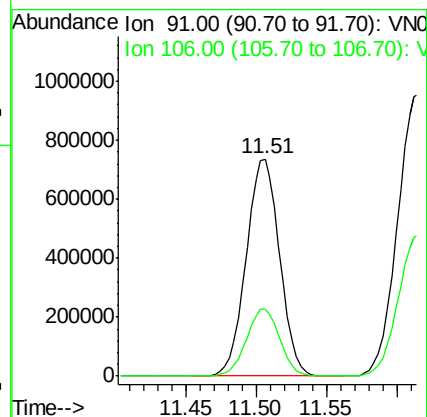
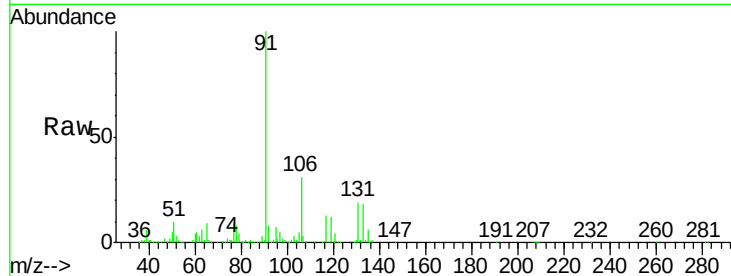




#67
Ethyl Benzene
Concen: 96.87 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

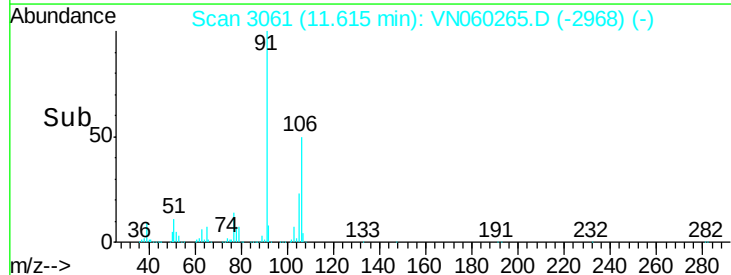
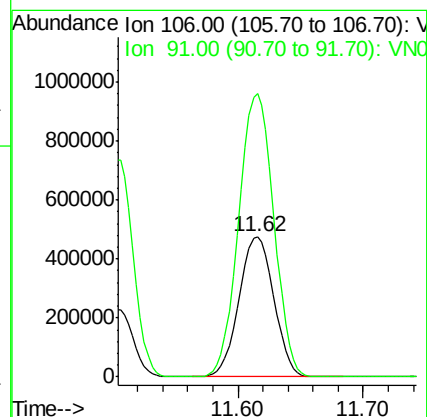
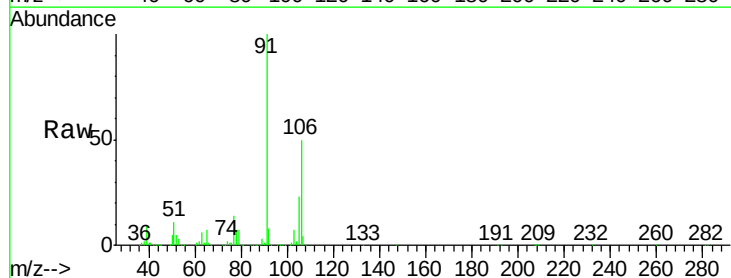
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

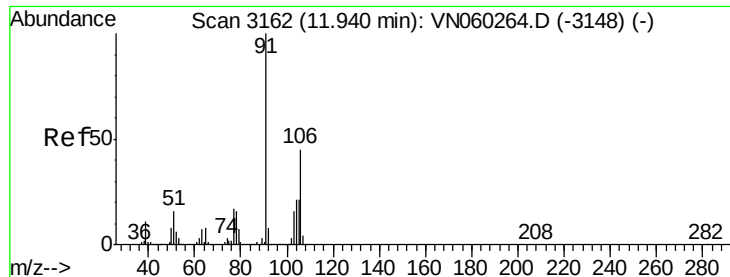
Tgt Ion: 91 Resp: 1222805
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 194.21 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 106 Resp: 917838
Ion Ratio Lower Upper
106 100
91 203.4 164.5 246.7

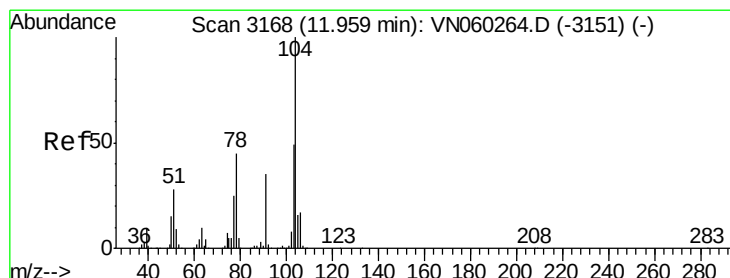
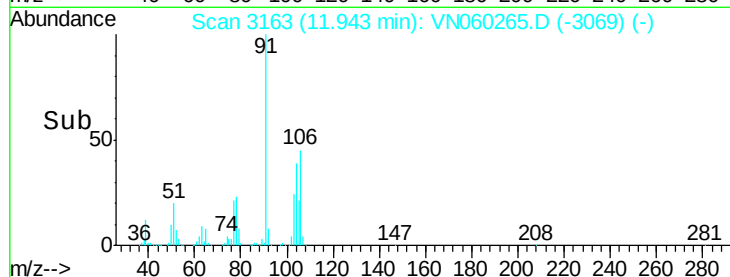
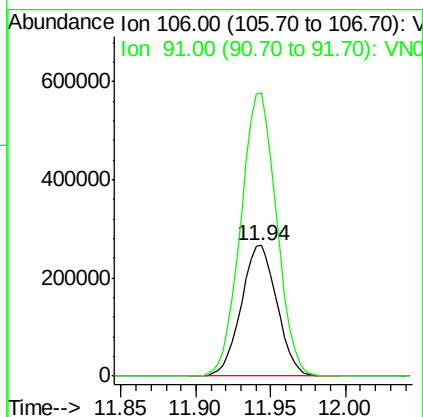
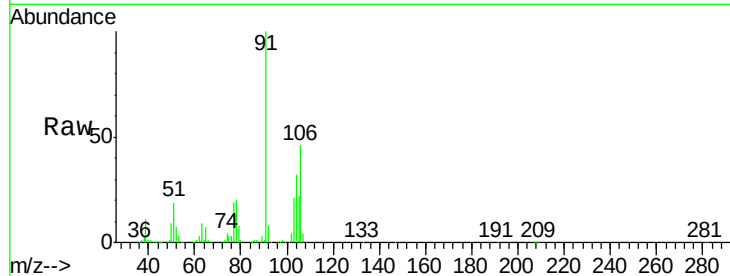




#69
o-Xylene
Concen: 97.29 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

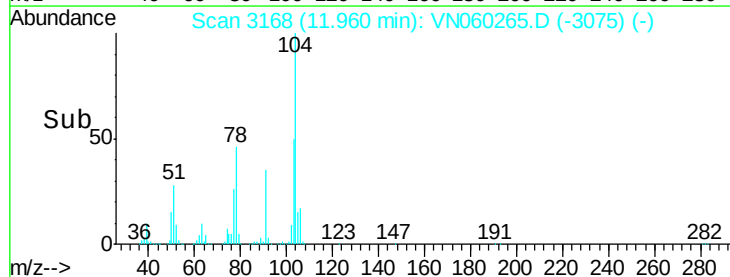
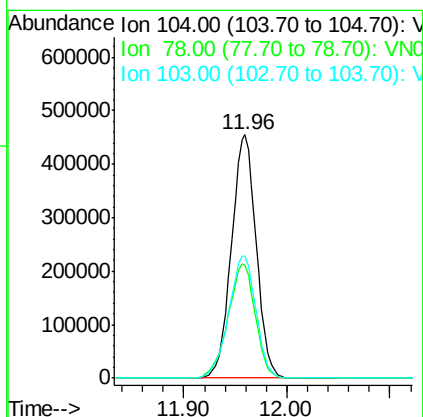
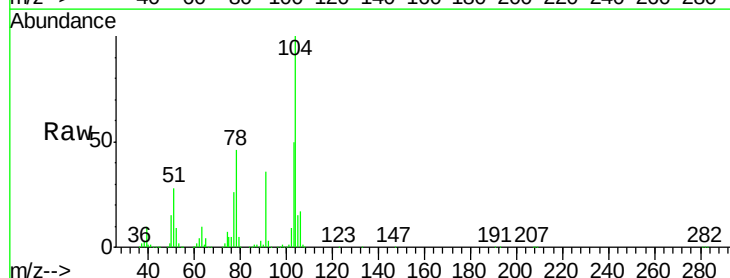
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

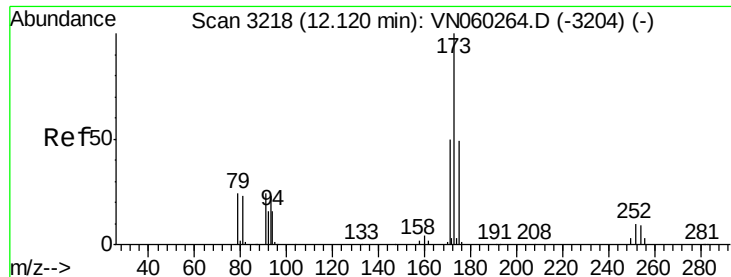
Tgt Ion:106 Resp: 442639
Ion Ratio Lower Upper
106 100
91 217.1 109.5 328.4



#70
Styrene
Concen: 103.64 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion:104 Resp: 761431
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.1 43.9 65.9





#71

Bromoform

Concen: 95.54 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

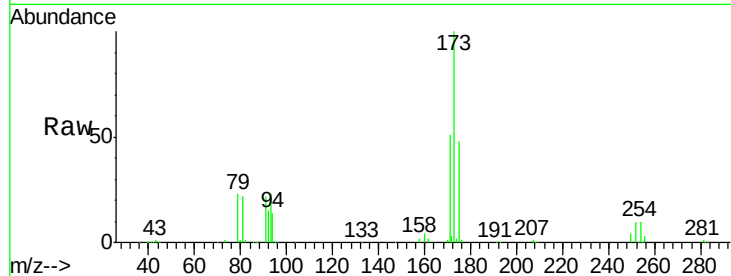
Tgt Ion:173 Resp: 199744

Ion Ratio Lower Upper

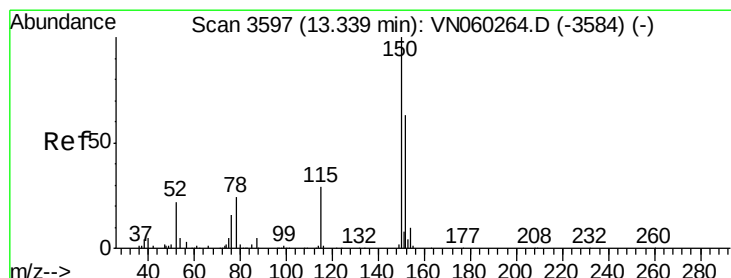
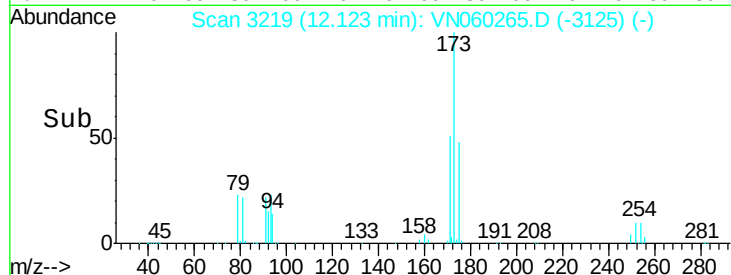
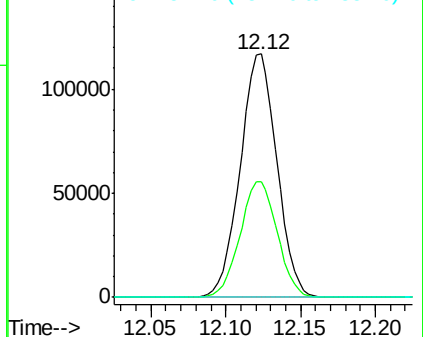
173 100

175 48.2 24.1 72.2

254 0.1 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: VN060265.D

Acq: 27 Feb 2020 11:51

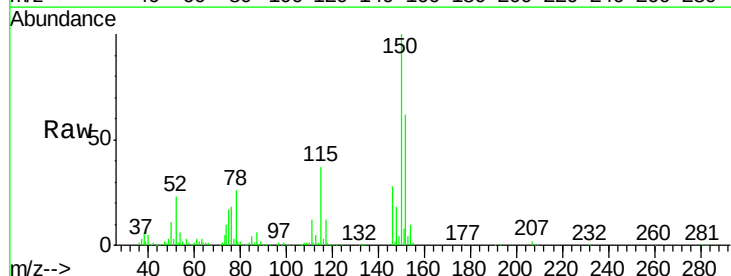
Tgt Ion:152 Resp: 175165

Ion Ratio Lower Upper

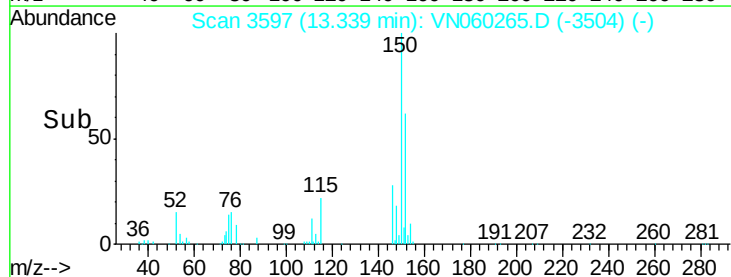
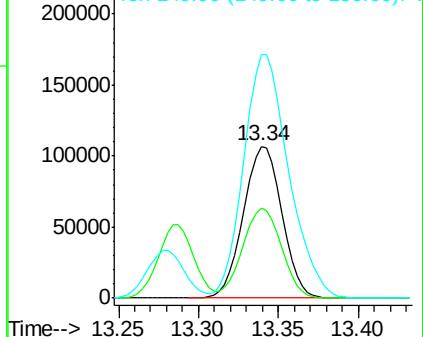
152 100

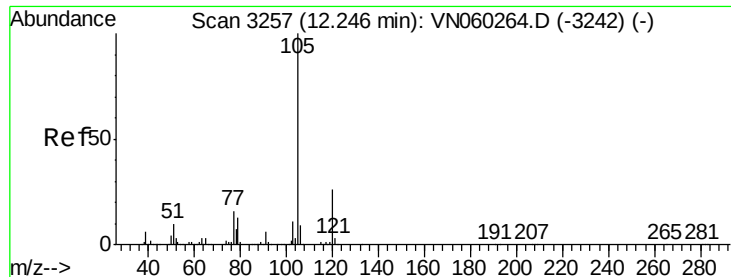
115 59.3 30.0 90.0

150 188.2 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: 91.49 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

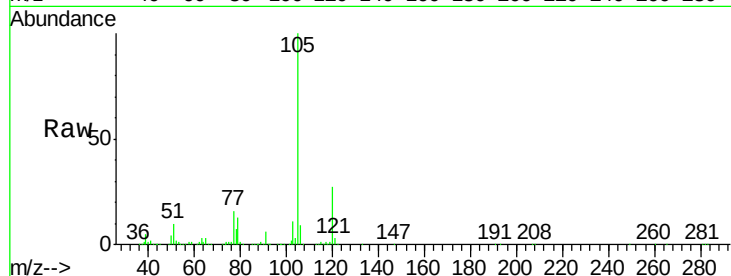
VSTDIC100

Tgt Ion: 105 Resp: 1198737

Ion Ratio Lower Upper

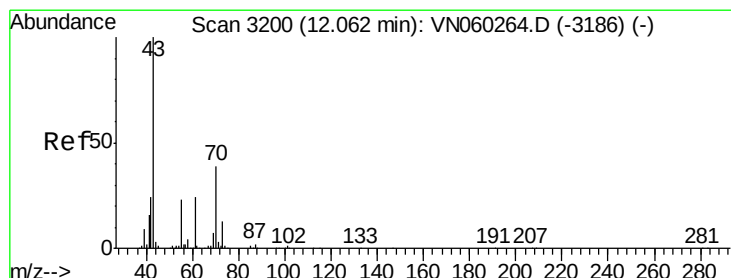
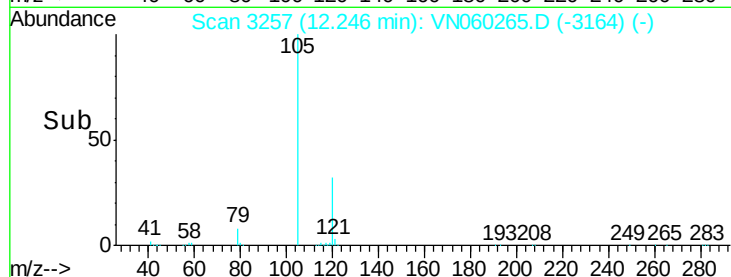
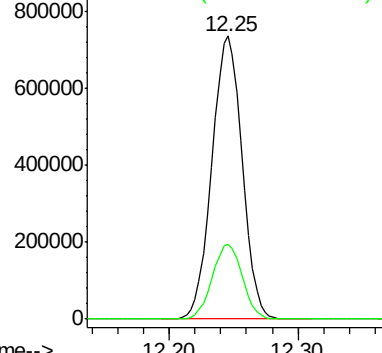
105 100

120 26.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 112.17 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Tgt Ion: 43 Resp: 541094

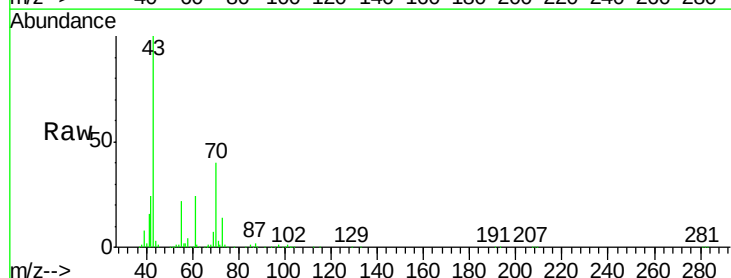
Ion Ratio Lower Upper

43 100

70 40.0 32.2 48.2

55 22.8 18.2 27.4

61 24.0 19.2 28.8

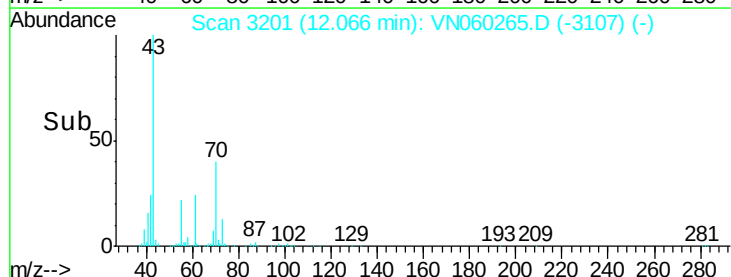
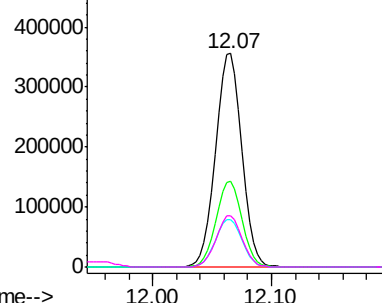


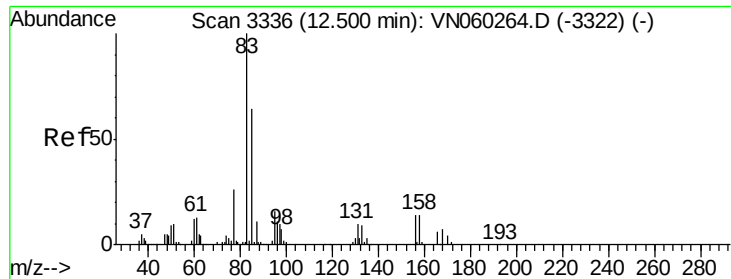
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 90.81 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

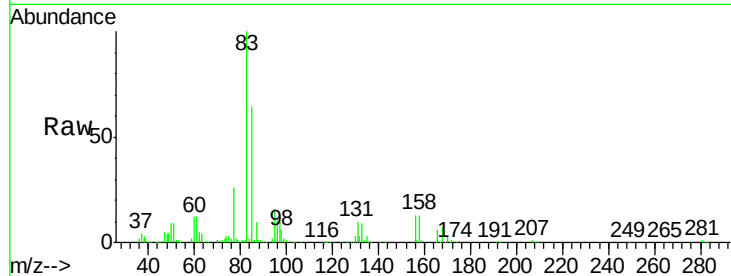
Tgt Ion: 83 Resp: 338430

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

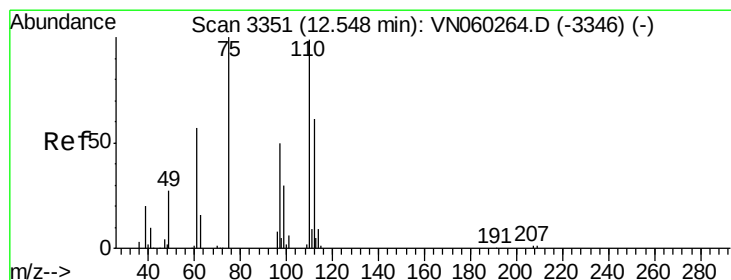
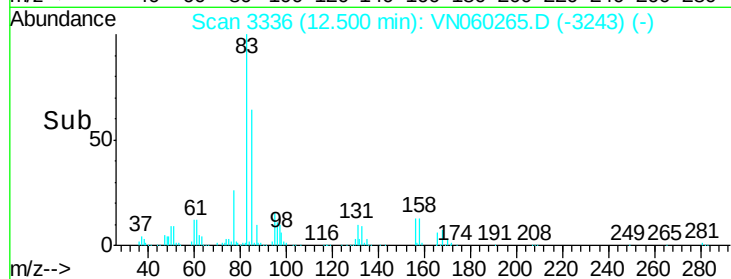
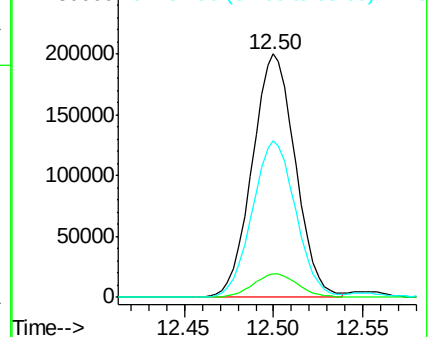
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060264.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060264.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060264.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 147.42 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060265.D

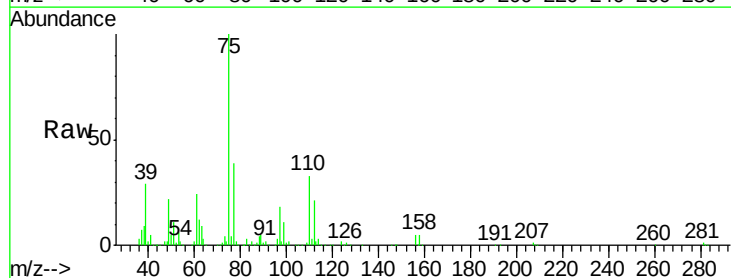
Acq: 27 Feb 2020 11:51

Tgt Ion: 75 Resp: 497074

Ion Ratio Lower Upper

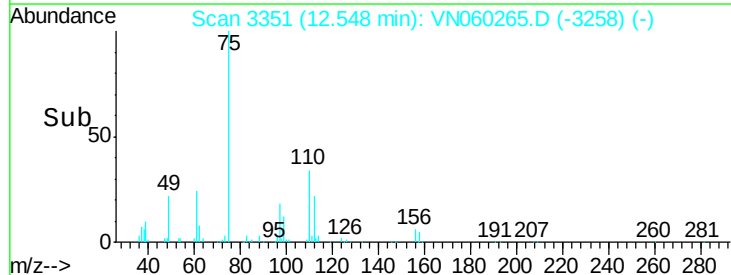
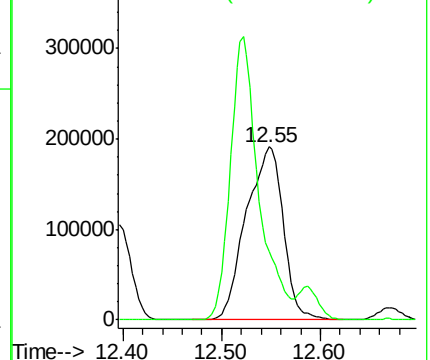
75 100

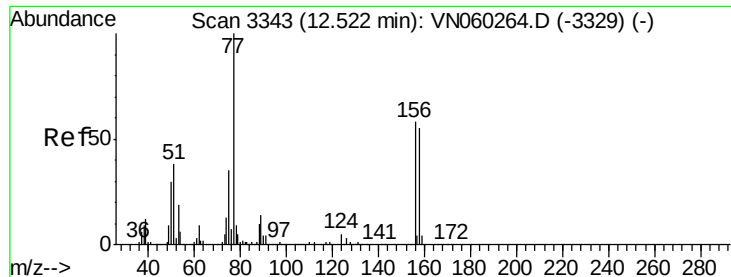
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060264.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060264.D (-3346) (-)





#77

Bromobenzene

Concen: 91.02 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

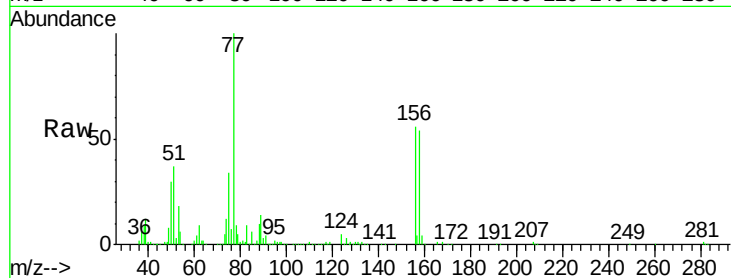
Tgt Ion:156 Resp: 294424

Ion Ratio Lower Upper

156 100

77 213.9 106.1 318.3

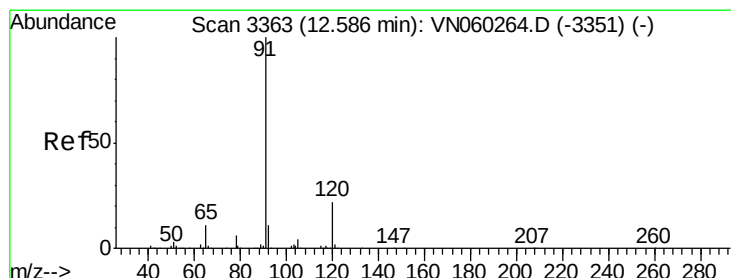
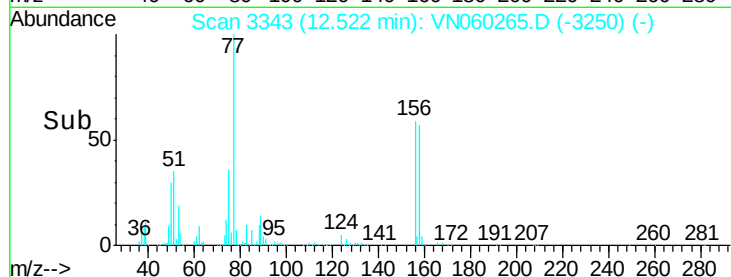
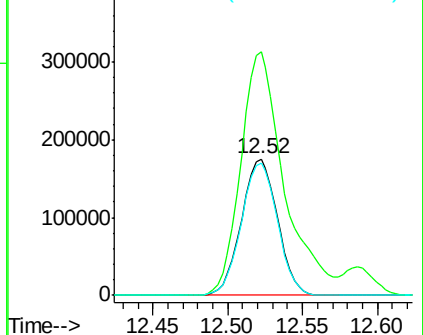
158 97.3 48.3 144.8



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: 94.38 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060265.D

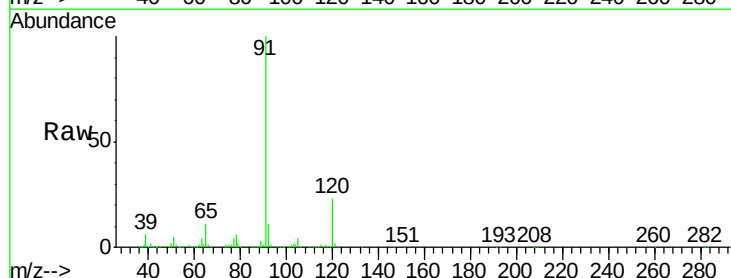
Acq: 27 Feb 2020 11:51

Tgt Ion: 91 Resp: 1413868

Ion Ratio Lower Upper

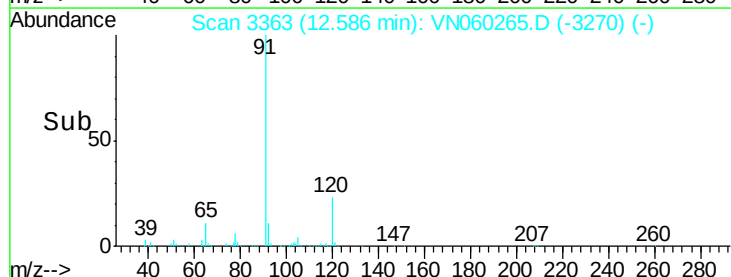
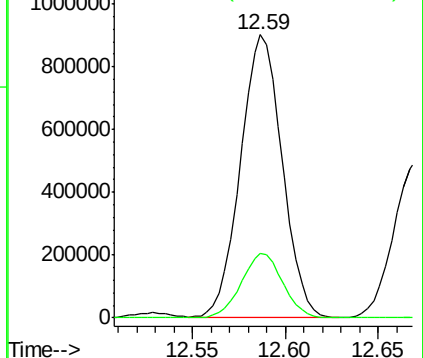
91 100

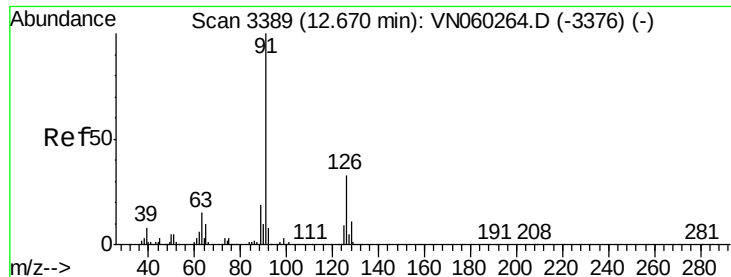
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 93.89 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

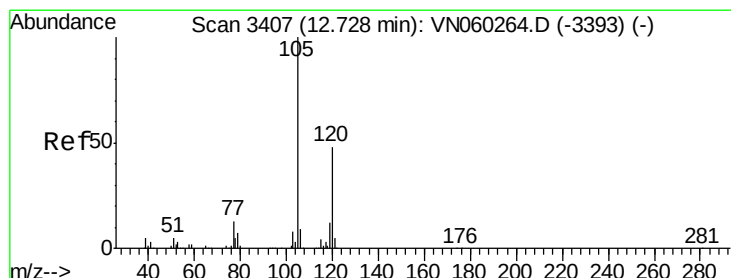
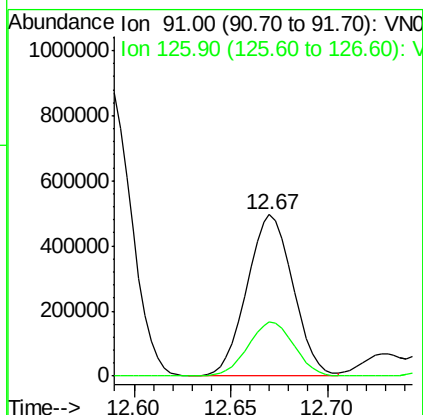
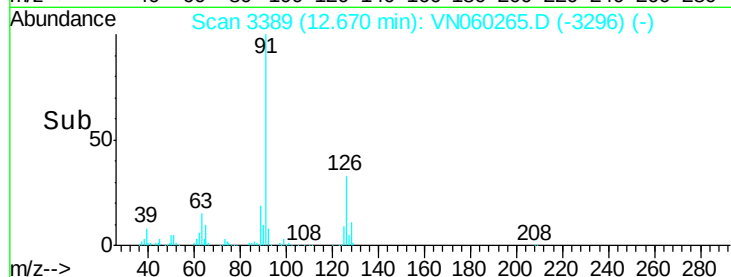
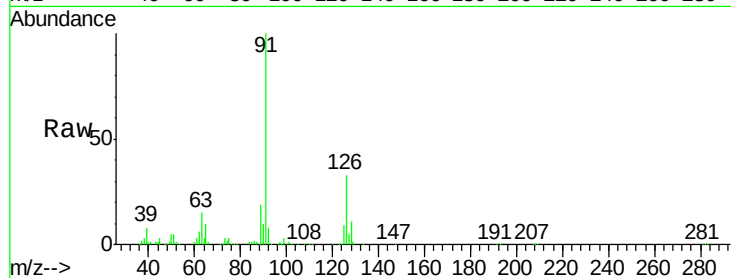
VSTDIC100

Tgt Ion: 91 Resp: 826798

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 93.74 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060265.D

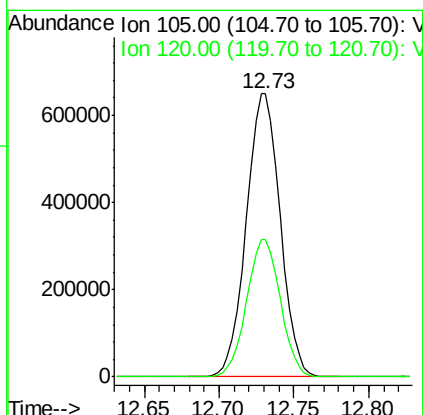
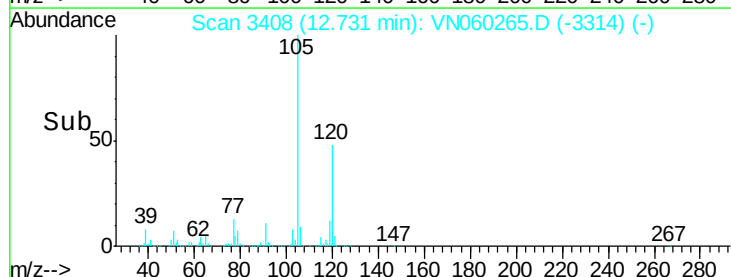
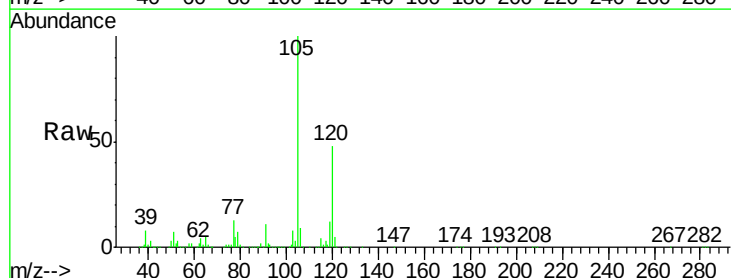
Acq: 27 Feb 2020 11:51

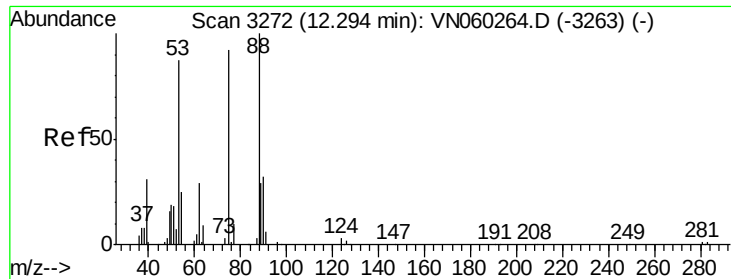
Tgt Ion: 105 Resp: 1022467

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 100.68 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

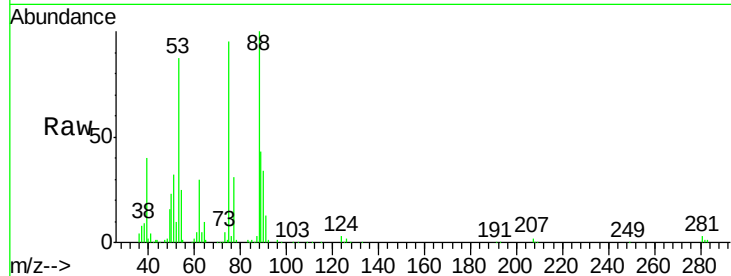
Tgt Ion: 75 Resp: 138624

Ion Ratio Lower Upper

75 100

53 93.2 73.8 110.6

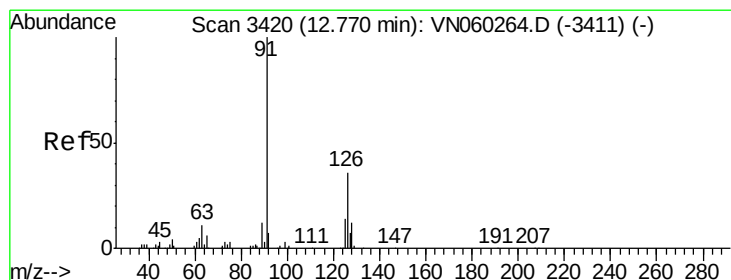
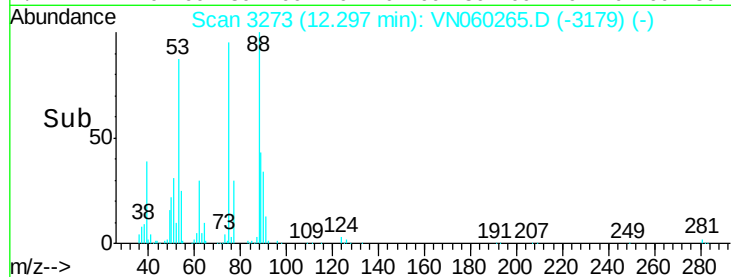
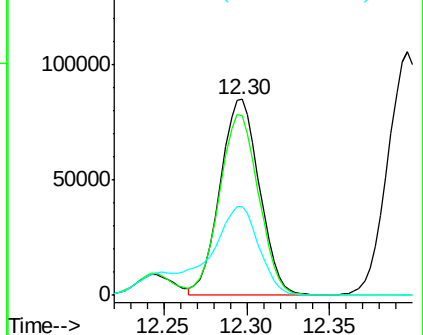
89 53.7 57.1 85.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 95.79 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060265.D

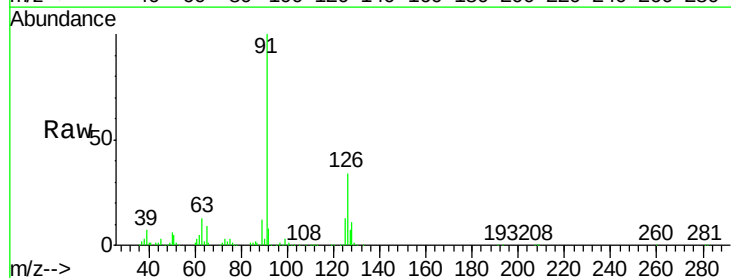
Acq: 27 Feb 2020 11:51

Tgt Ion: 91 Resp: 865425

Ion Ratio Lower Upper

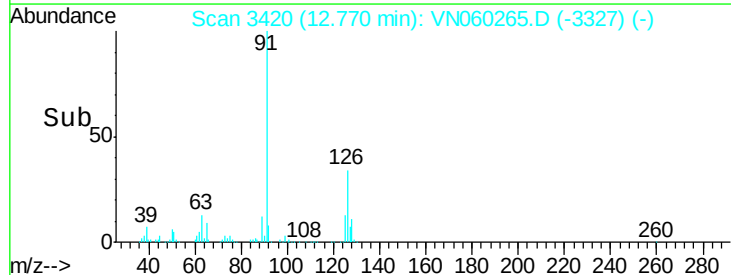
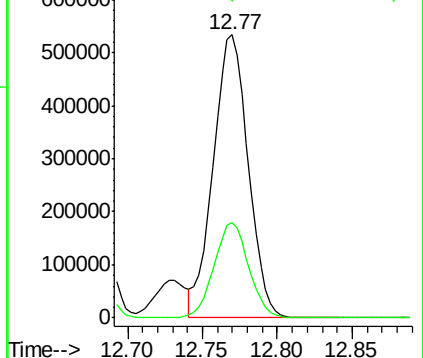
91 100

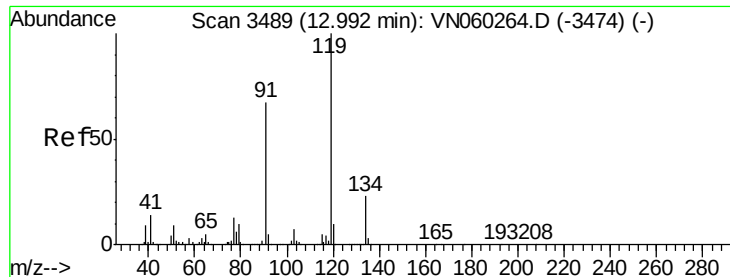
126 33.3 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 91.30 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

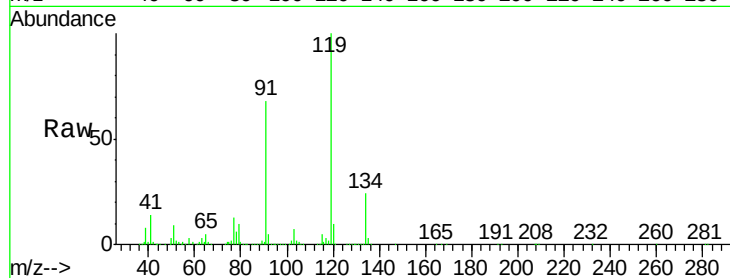
Tgt Ion:119 Resp: 881891

Ion Ratio Lower Upper

119 100

91 66.8 33.1 99.2

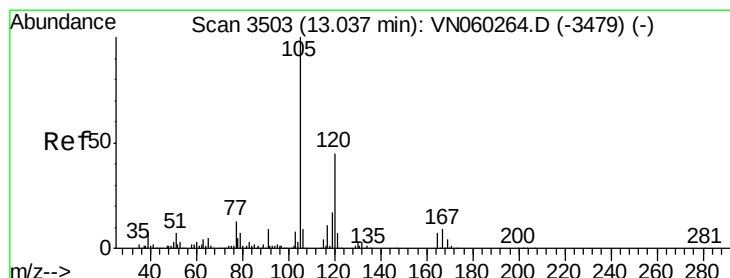
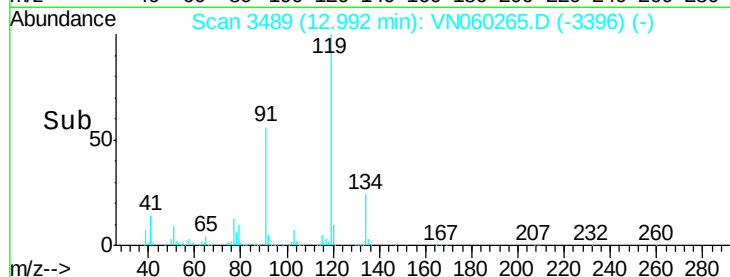
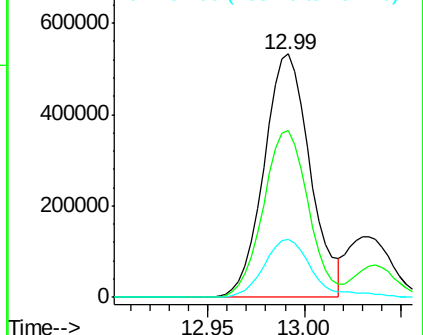
134 24.9 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 96.27 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060265.D

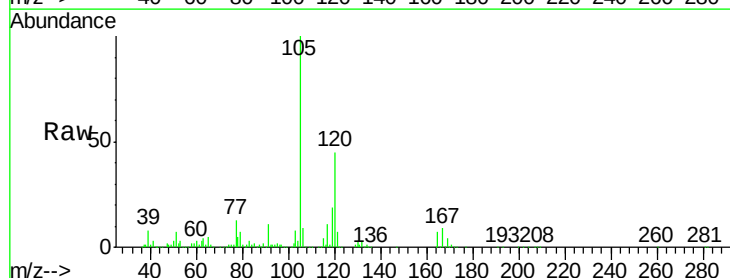
Acq: 27 Feb 2020 11:51

Tgt Ion:105 Resp: 1036576

Ion Ratio Lower Upper

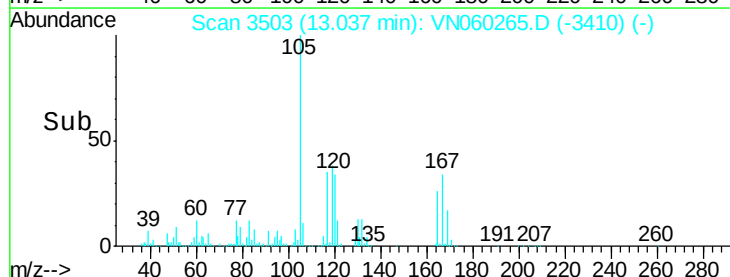
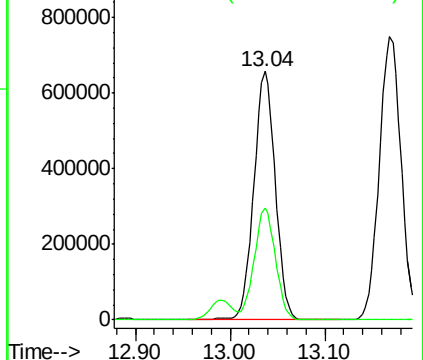
105 100

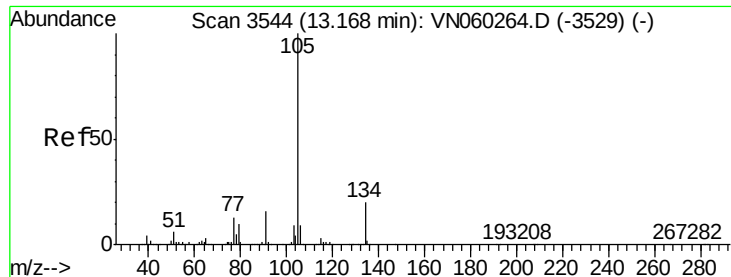
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

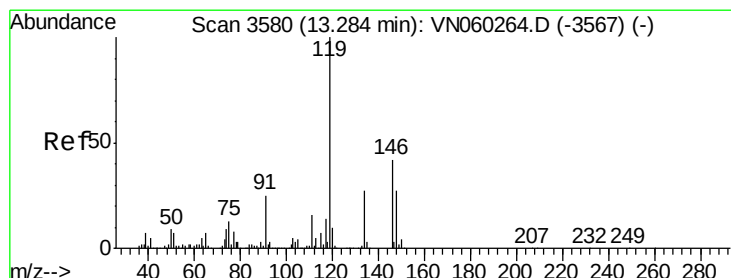
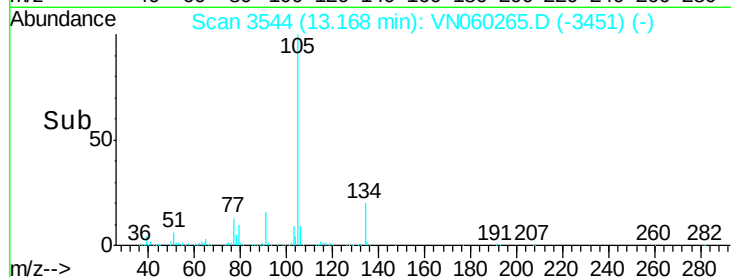
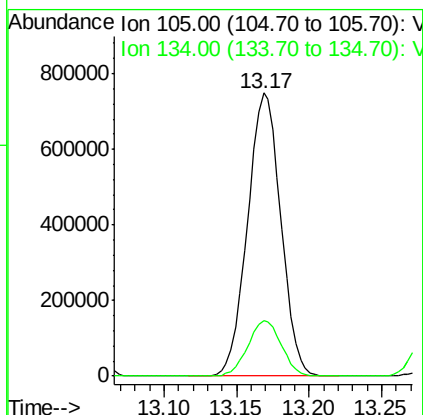
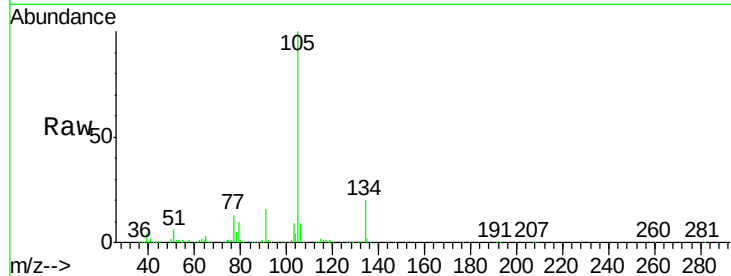




#85
 sec-Butylbenzene
 Concen: 93.69 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

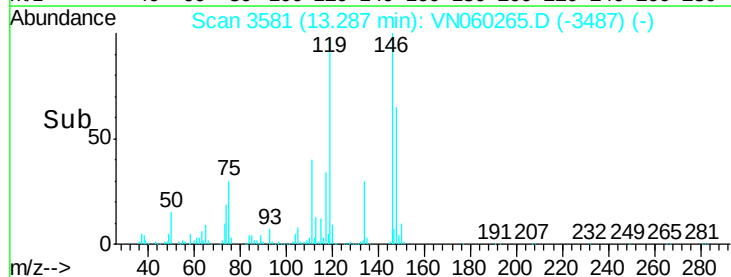
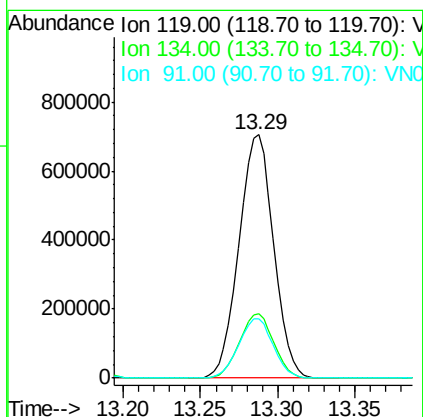
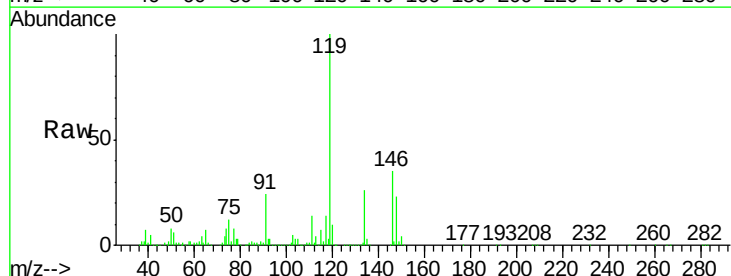
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

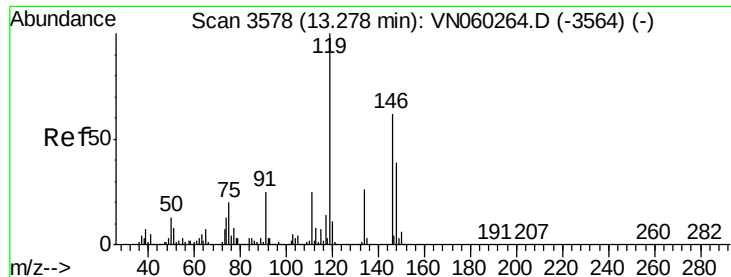
Tgt Ion:105 Resp: 1195386
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 94.74 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion:119 Resp: 1095875
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 24.3 12.2 36.6

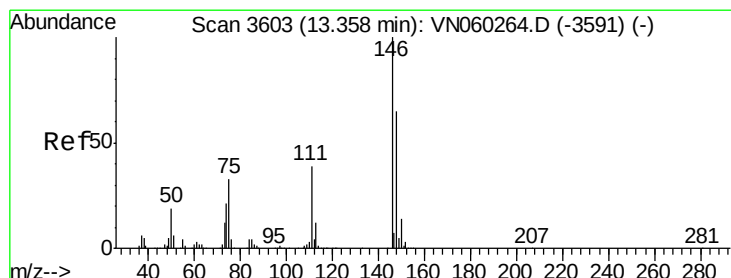
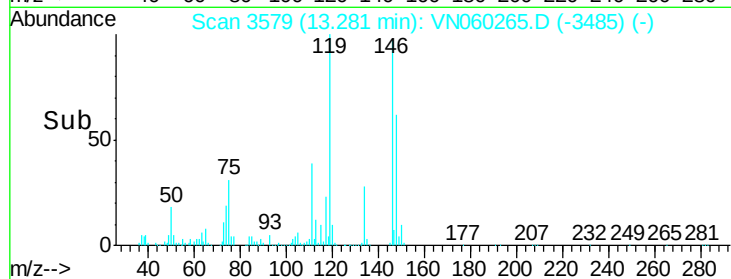
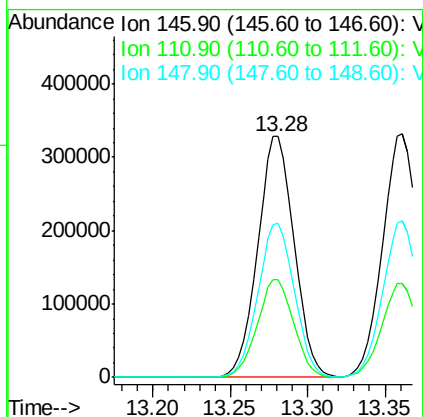
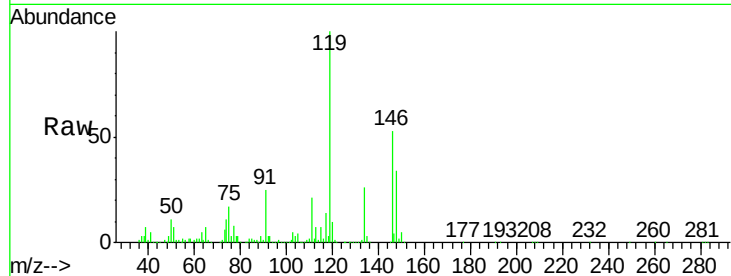




#87
 1,3-Dichlorobenzene
 Concen: 93.90 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

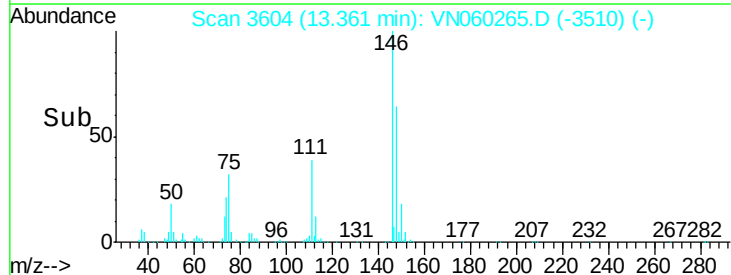
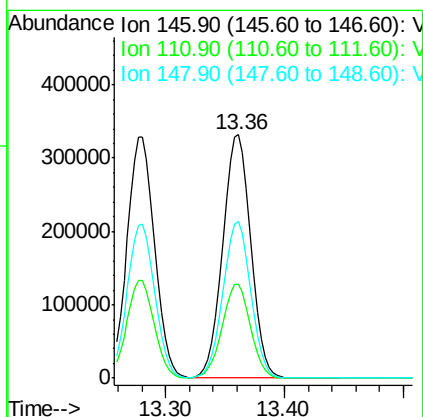
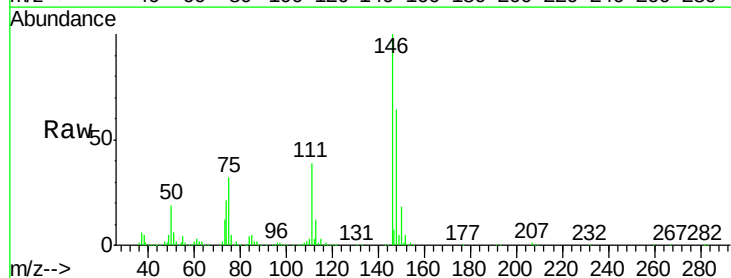
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

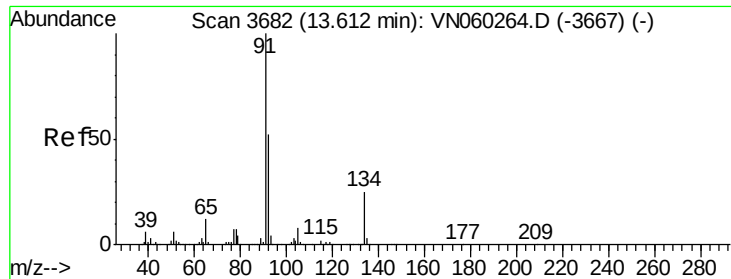
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 94.24 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.4
148	63.9	32.3	96.9

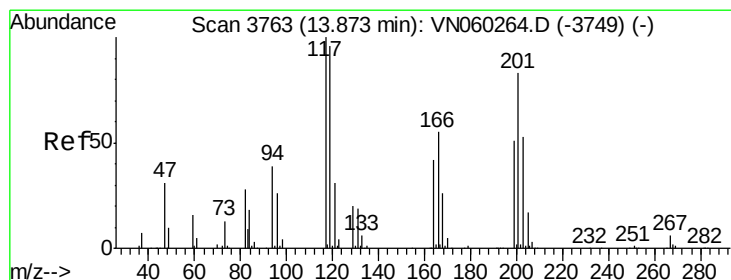
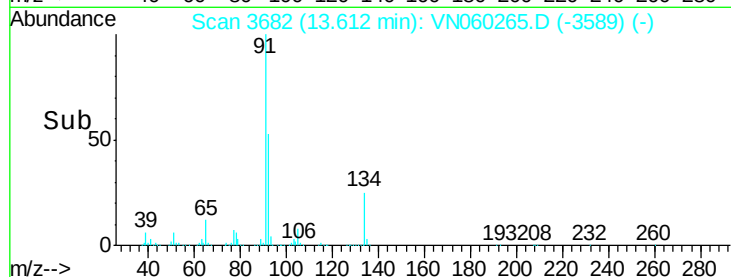
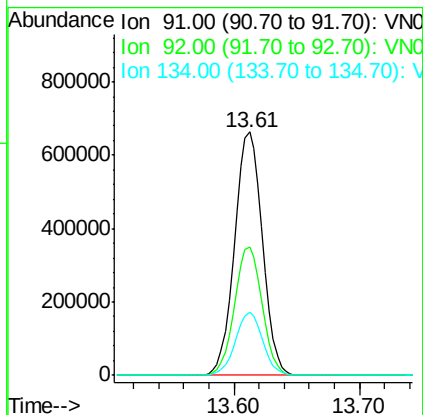
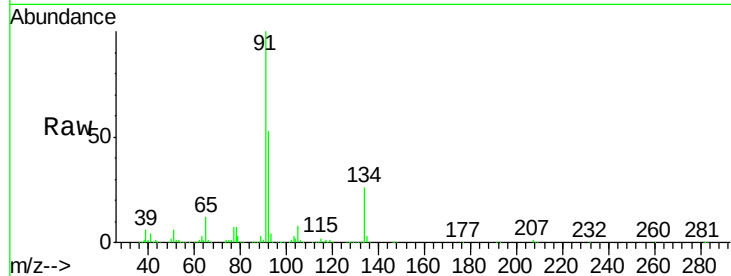




#89
n-Butylbenzene
Concen: 99.67 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

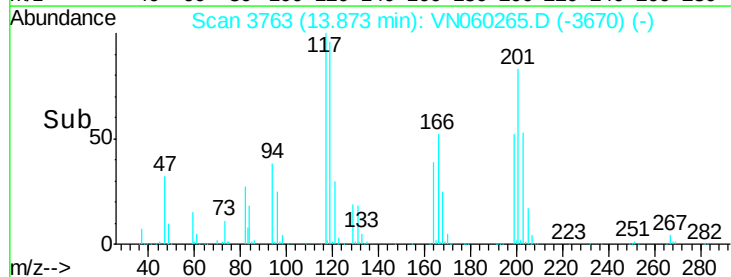
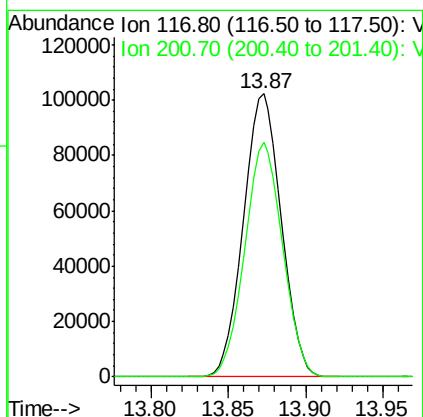
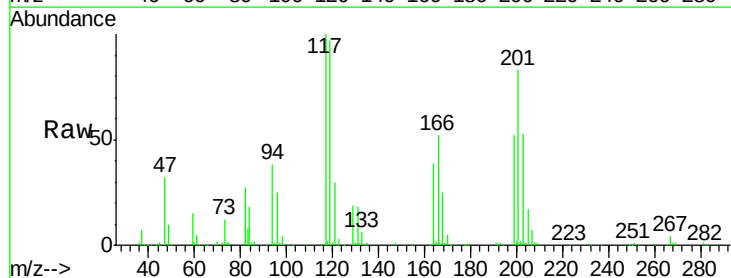
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

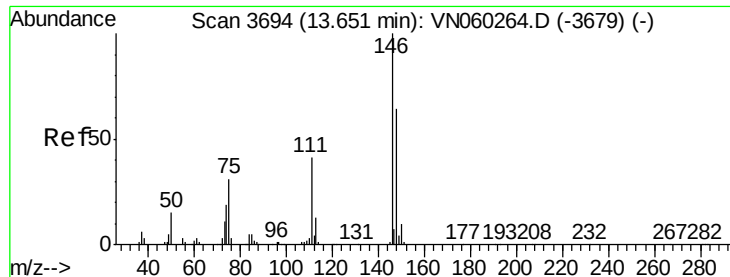
Tgt Ion: 91 Resp: 1018534
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 25.5 12.7 38.1



#90
Hexachloroethane
Concen: 83.31 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060265.D
Acq: 27 Feb 2020 11:51

Tgt Ion: 117 Resp: 174374
Ion Ratio Lower Upper
117 100
201 82.8 41.0 123.0

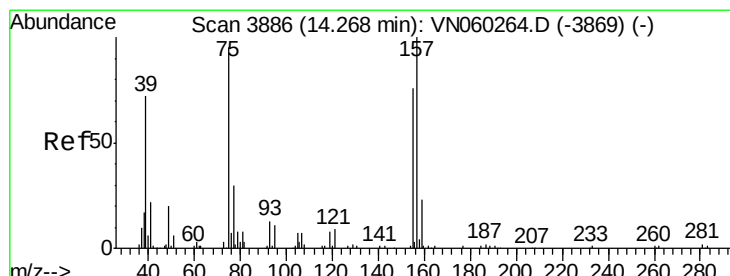
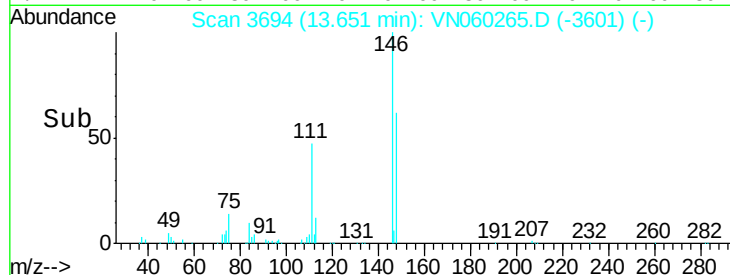
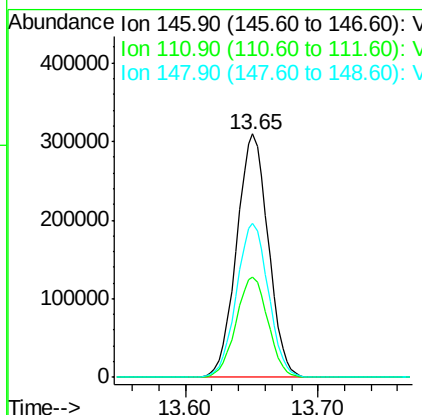
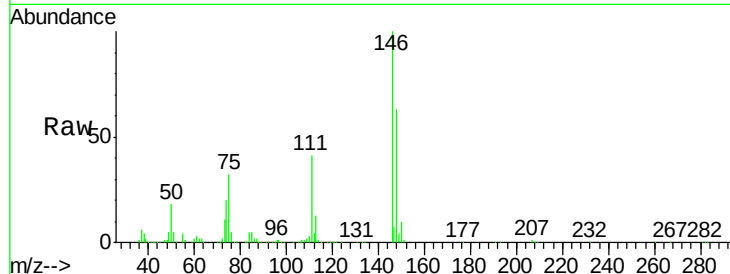




#91
 1,2-Dichlorobenzene
 Concen: 91.24 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

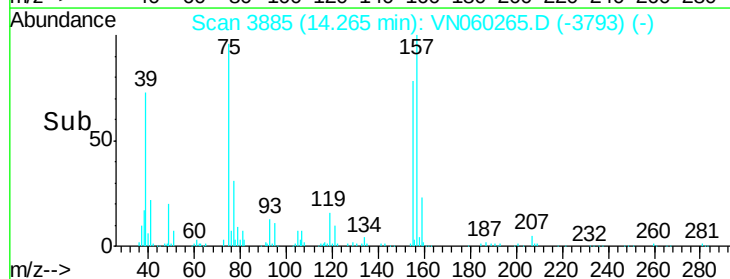
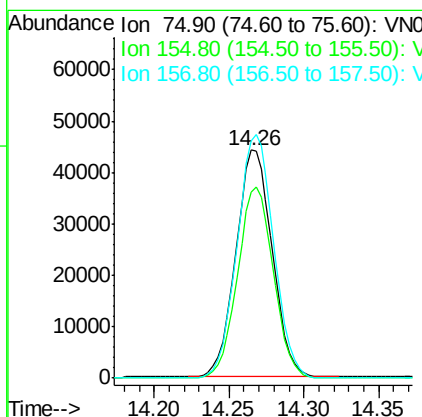
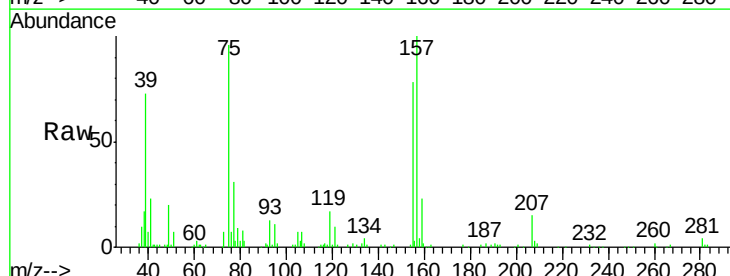
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

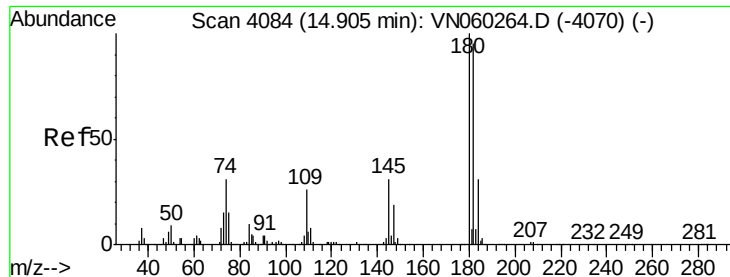
Tgt Ion: 146 Resp: 512032
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 63.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 85.86 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion: 75 Resp: 74385
 Ion Ratio Lower Upper
 75 100
 155 83.1 40.4 121.2
 157 108.0 52.5 157.5

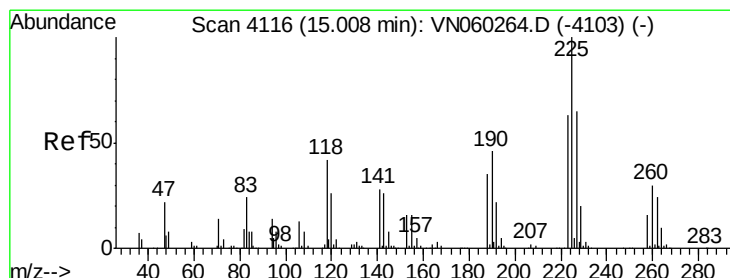
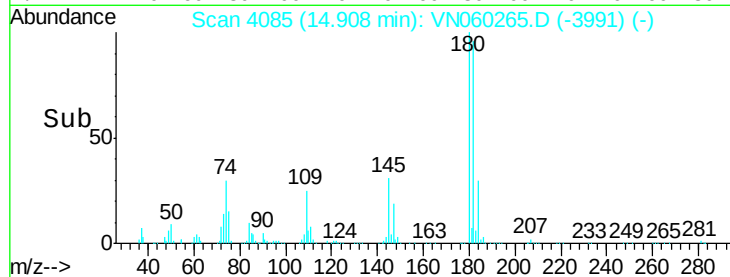
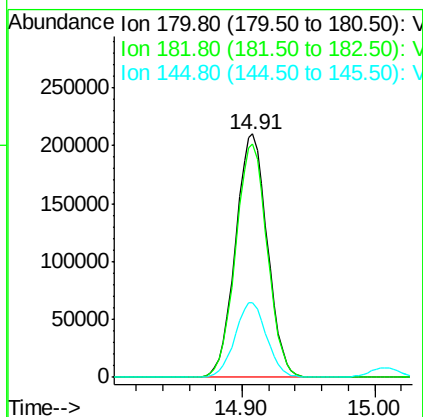
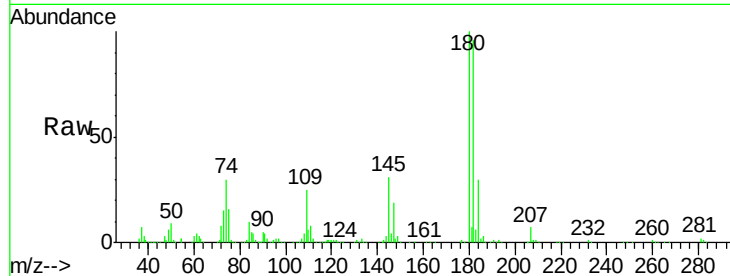




#93
 1,2,4-Trichlorobenzene
 Concen: 104.97 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

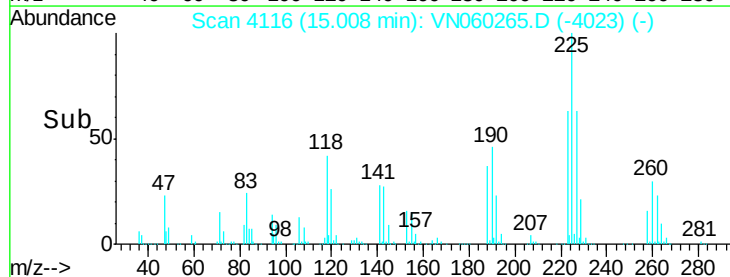
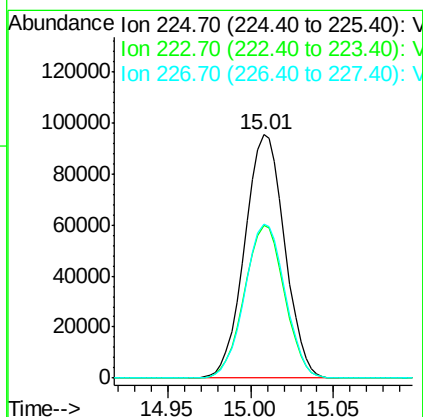
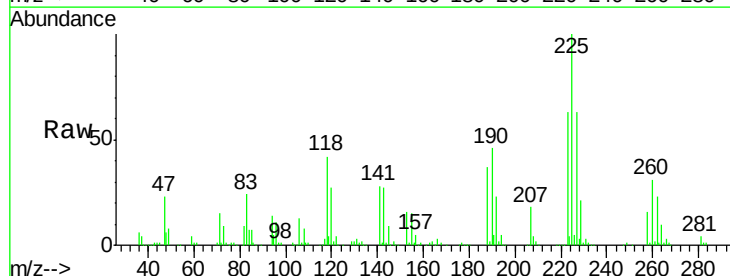
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

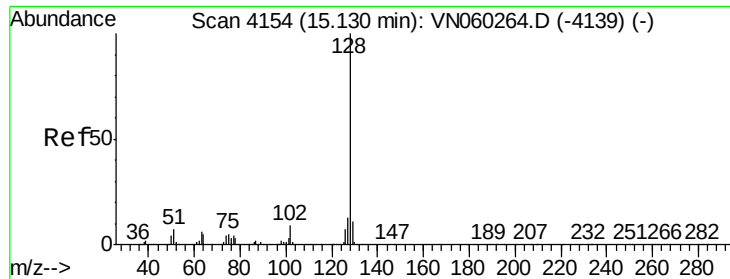
Tgt Ion:180 Resp: 349284
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.3
 145 30.6 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 83.82 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060265.D
 Acq: 27 Feb 2020 11:51

Tgt Ion:225 Resp: 159832
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.9
 227 63.9 32.3 96.9





#95

Naphthalene

Concen: 113.96 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

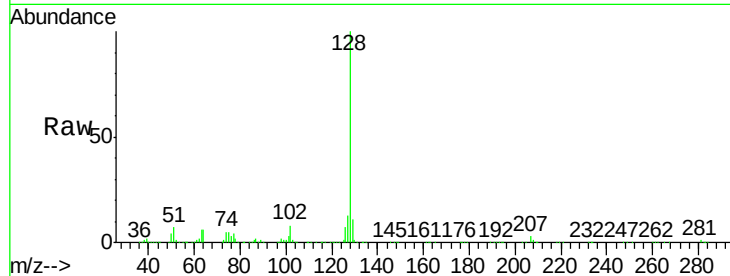
Tgt Ion:128 Resp: 1038295

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

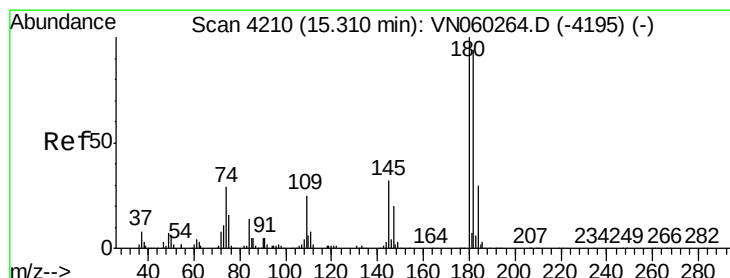
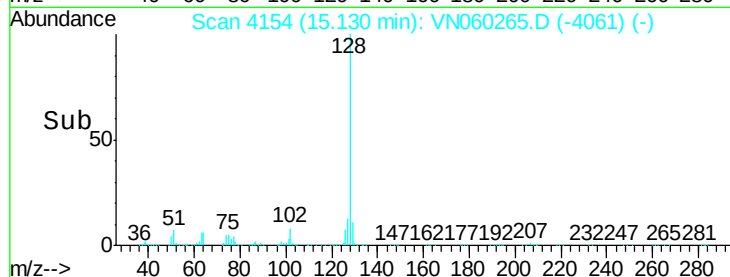
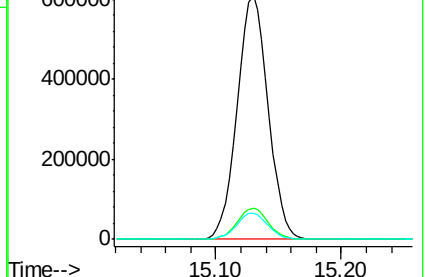
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 99.89 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060265.D

Acq: 27 Feb 2020 11:51

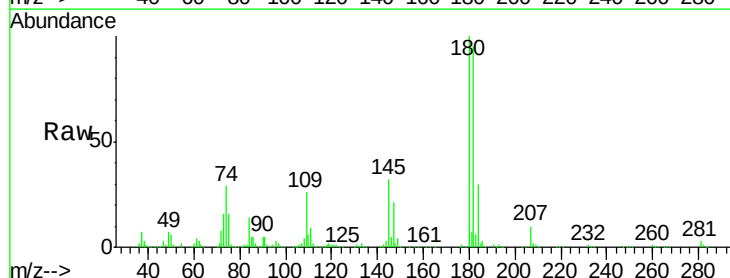
Tgt Ion:180 Resp: 329571

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 32.0 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

